

HIGH CHANNEL DATA

Trace Markers

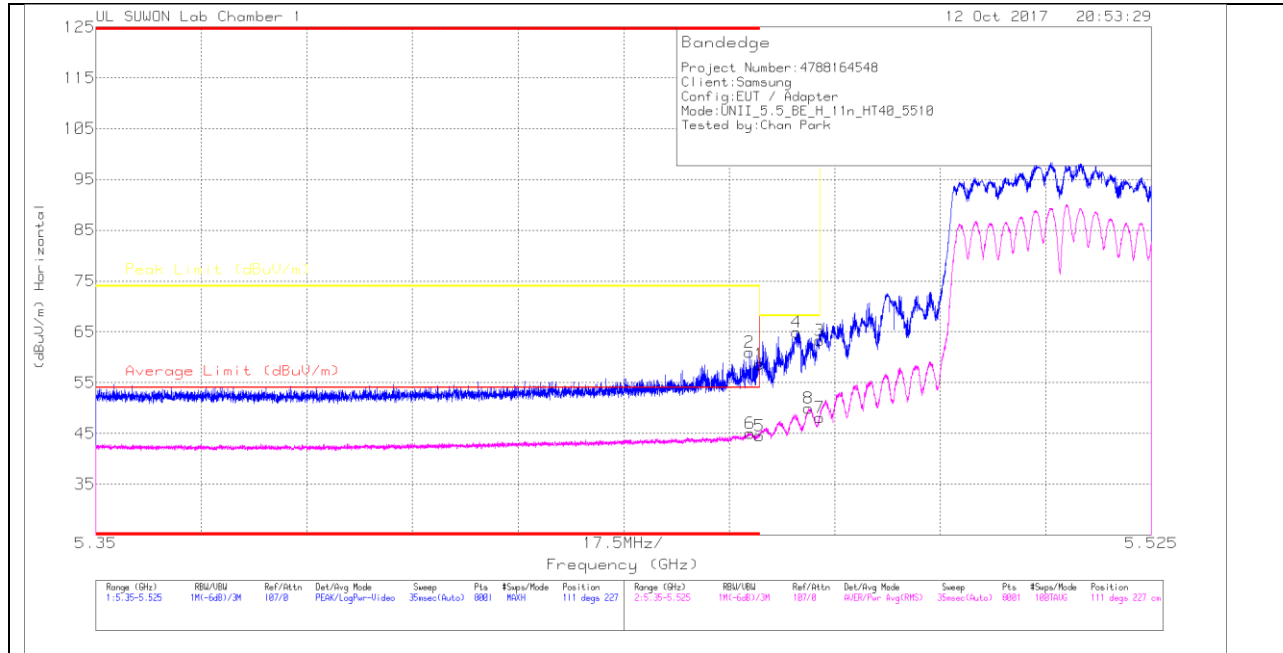
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001 68717	Signal_LF(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 1.25	40.03	PK	29.3	-37.1	0	32.23	-	-	74	-41.77	-	-	0-360	150	H
2	* 1.25	38.72	PK	29.3	-37.1	0	30.92	-	-	74	-43.08	-	-	0-360	150	V
3	* 11.4	27.02	PK	38.1	-22.7	0	42.42	-	-	74	-31.58	-	-	0-360	150	H
5	17.102	24.44	PK	41.3	-18.1	0	47.64	-	-	-	-	68.2	-20.56	0-360	150	H
4	* 11.398	27	PK	38.1	-22.7	0	42.4	-	-	74	-31.6	-	-	0-360	150	V
6	17.103	23.91	PK	41.3	-18.1	0	47.11	-	-	-	-	68.2	-21.09	0-360	250	V

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

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

10.3.3.TX ABOVE 1GHz 802.11n HT40 2Tx CDD MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

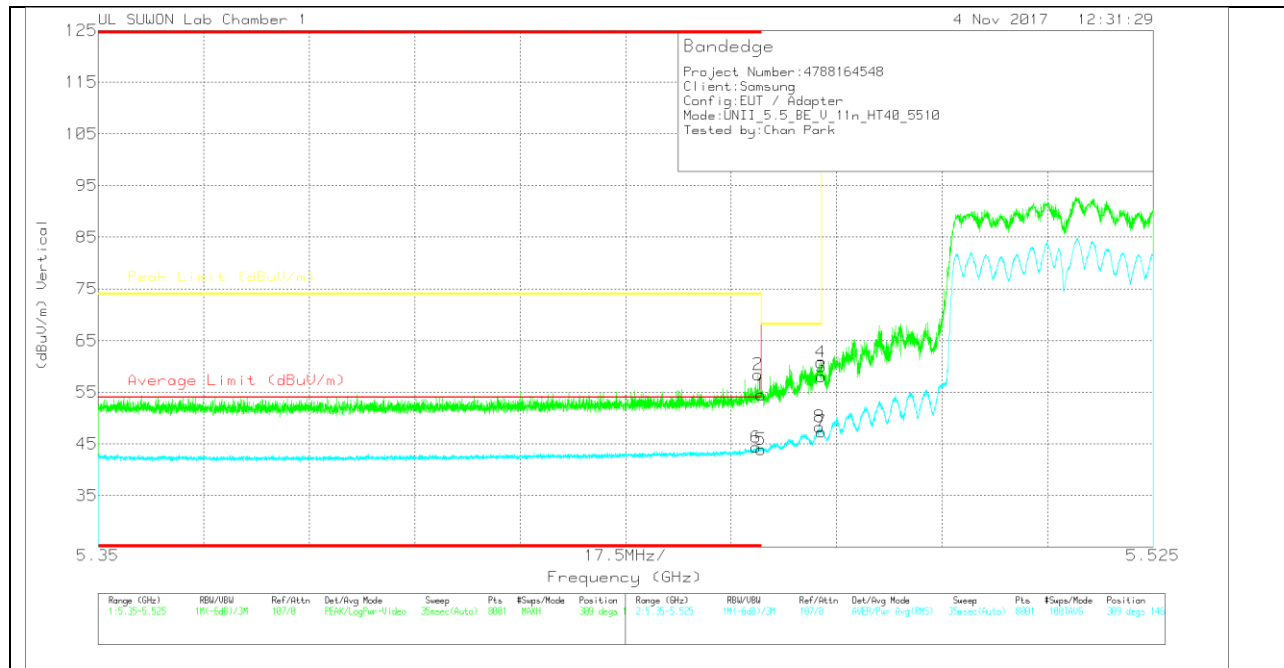
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	45.82	Pk		34.3	-21.5	0	58.62	-	74	-15.38	111	227	H
2	* 5.458	48.29	Pk		34.3	-21.6	0	60.99	-	74	-13.01	111	227	H
3	5.47	50.46	Pk		34.3	-21.5	0	63.26	-	68.2	-4.94	111	227	H
4	5.466	52.26	Pk		34.3	-21.6	0	64.96	-	68.2	-3.24	111	227	H
5	* 5.46	31.12	RMS		34.3	-21.5	.62	44.54	54	-9.46	-	111	227	H
6	* 5.458	31.75	RMS		34.3	-21.6	.62	45.07	54	-8.93	-	111	227	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	41.75	Pk	34.3	-21.5	0	54.55	-	-	74	-19.45	309	146	V
2	* 5.459	45.63	Pk	34.3	-21.5	0	58.43	-	-	74	-15.57	309	146	V
3	5.47	45.2	Pk	34.3	-21.5	0	58	-	-	68.2	-10.2	309	146	V
4	5.47	47.99	Pk	34.3	-21.5	0	60.79	-	-	68.2	-7.41	309	146	V
5	* 5.46	30.52	RMS	34.3	-21.5	.62	43.94	54	-10.06	-	-	309	146	V
6	* 5.459	31.06	RMS	34.3	-21.6	.62	44.38	54	-9.62	-	-	309	146	V

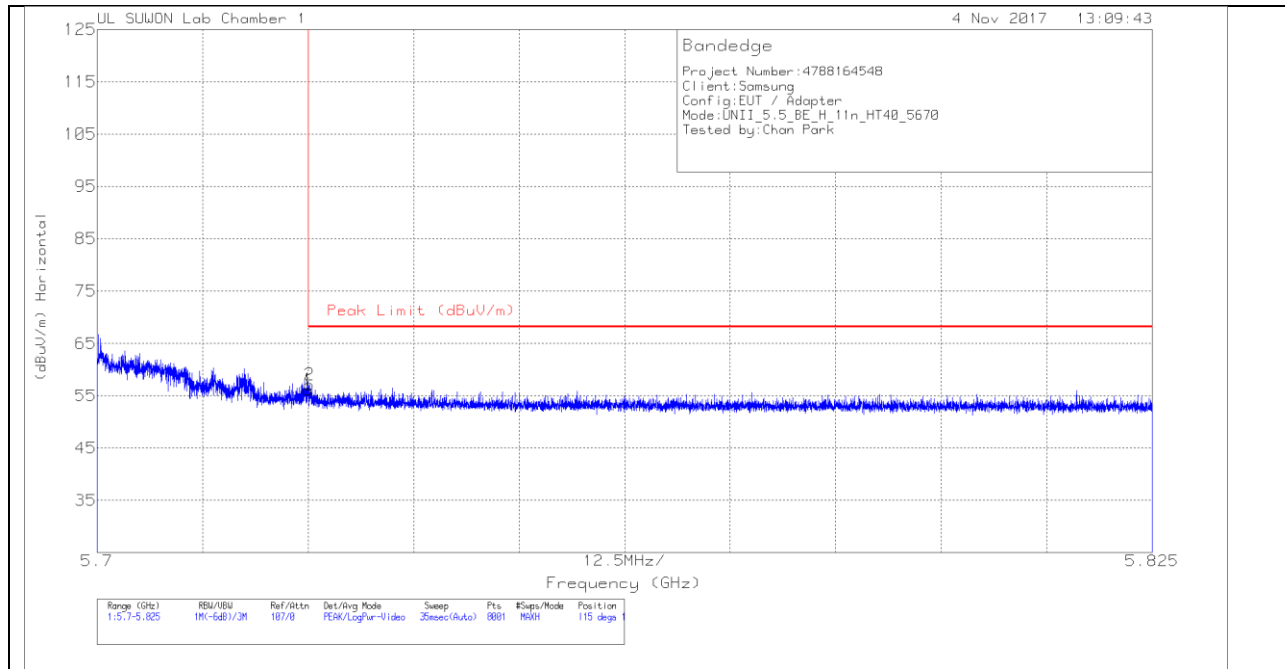
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



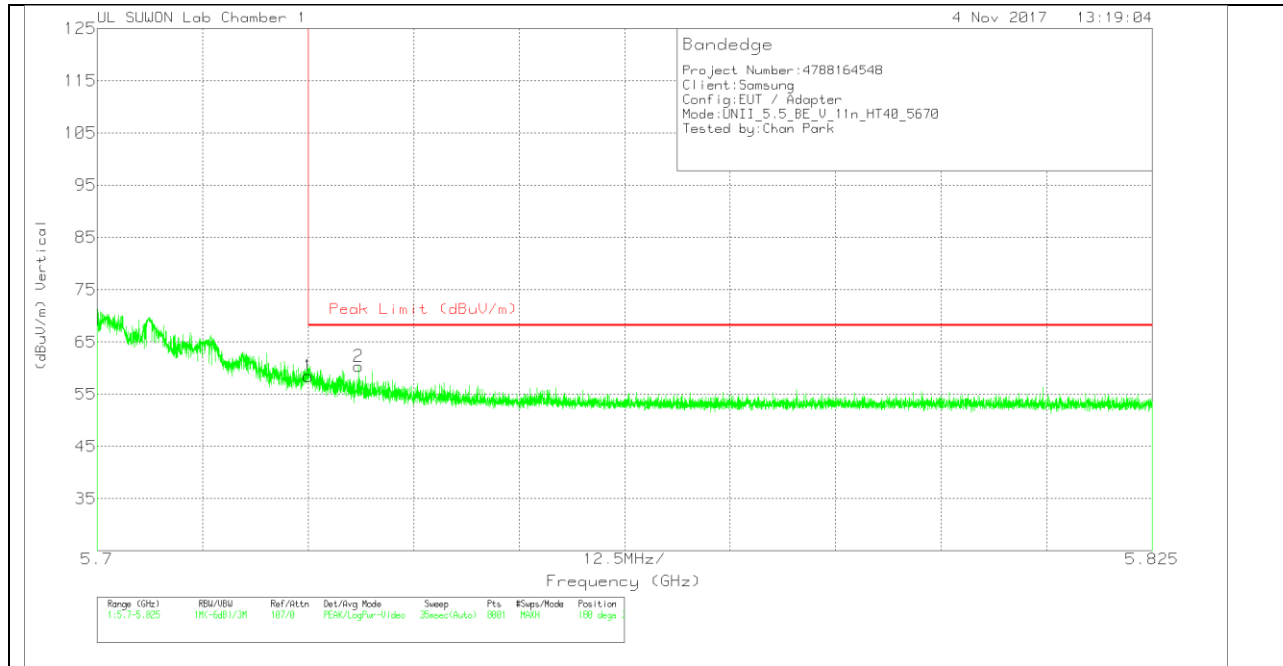
HORIZONTAL DATA

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	42.93	Pk	34.4	-21.2	0	56.13	68.2	-12.07	115	127	H
2	5.725	43.88	Pk	34.4	-21.2	0	57.08	68.2	-11.12	115	127	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

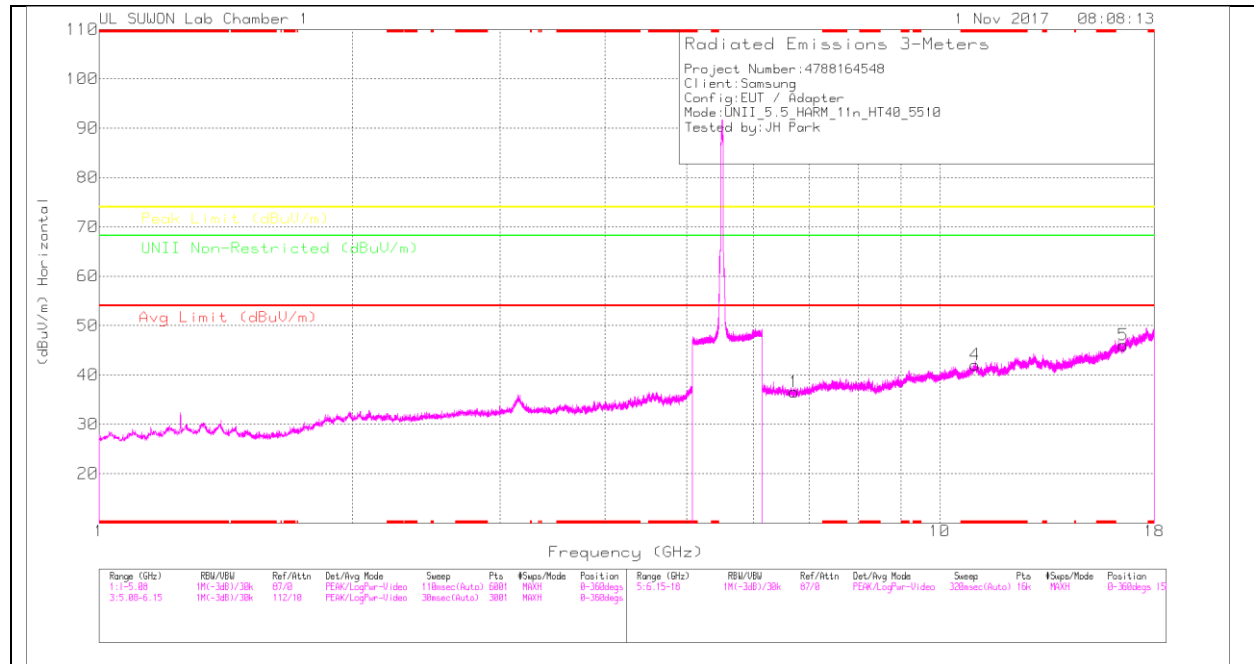
Trace Markers

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	45.26	Pk	34.4	-21.2	0	58.46	68.2	-9.74	180	382	V
2	5.731	47.13	Pk	34.4	-21.2	0	60.33	68.2	-7.87	180	382	V

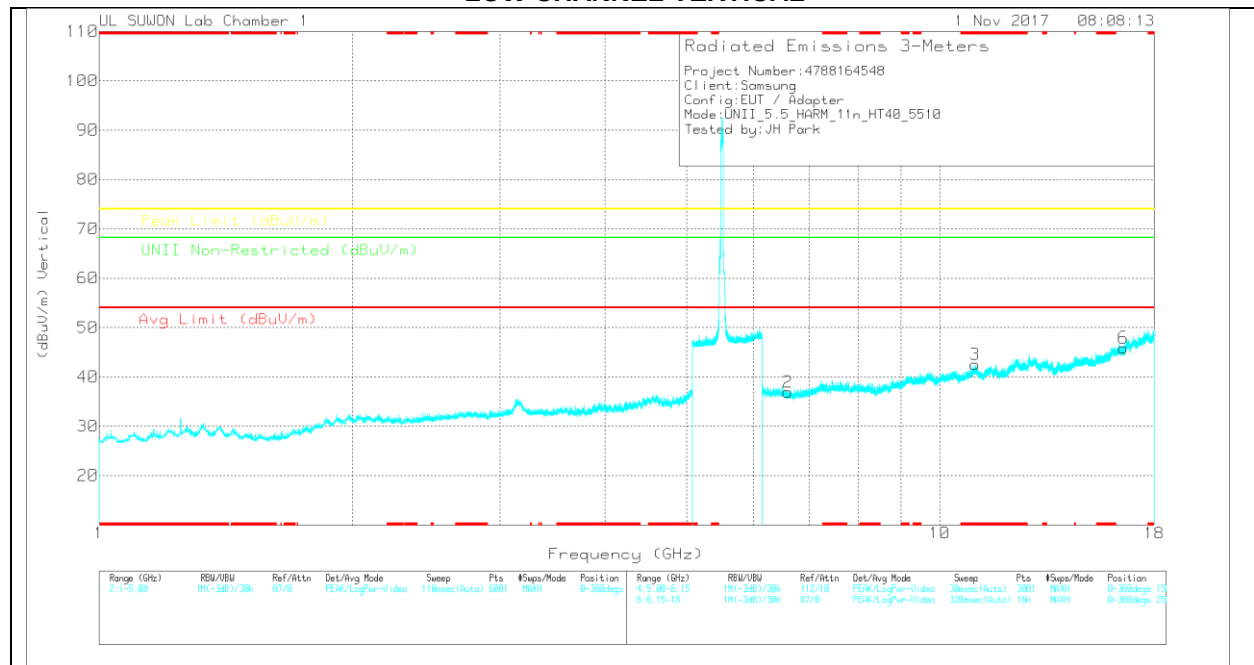
Pk - Peak detector

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

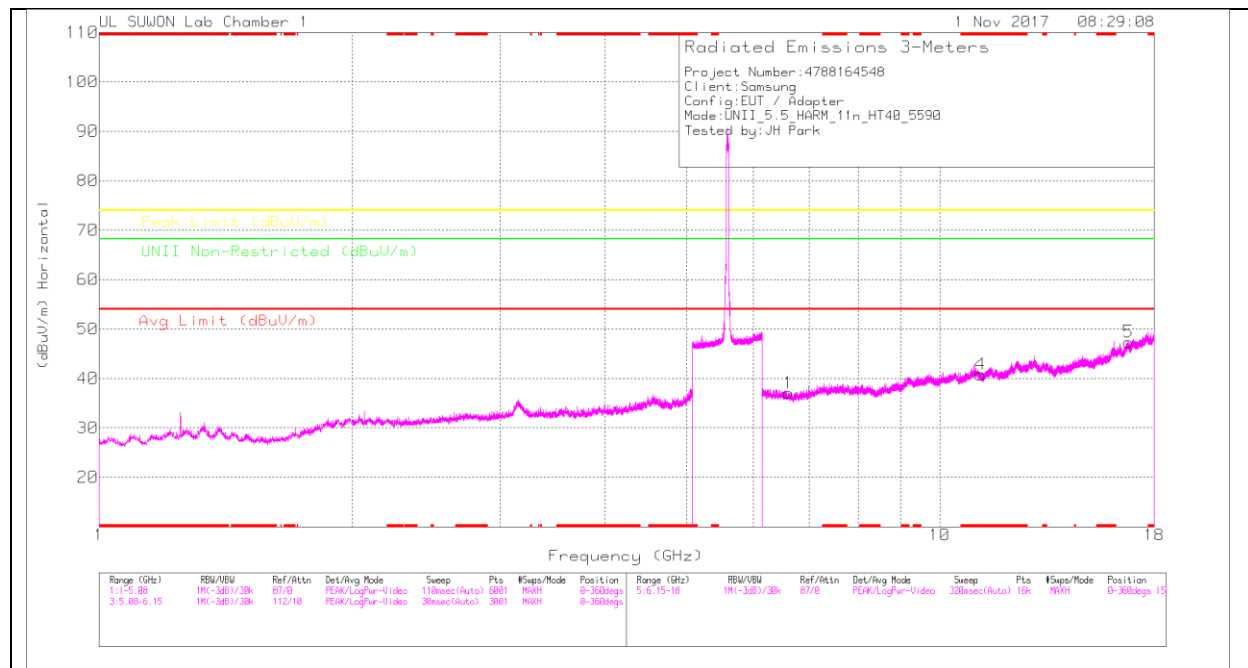
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001 68717	60GHz_HF(dB) 17080 9	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	6.712	30.31	PK	35.2	-29	0	36.51	-	-	-	-	68.2	-31.69	0-360	150	H
4	* 11.024	26.03	PK	38	-22	0	42.03	-	-	74	-31.97	-	-	0-360	250	H
5	16.533	25.23	PK	40.7	-19.9	0	46.03	-	-	-	-	68.2	-22.17	0-360	150	H
2	6.597	30.19	PK	35.1	-28.4	0	36.89	-	-	-	-	68.2	-31.31	0-360	150	V
3	* 11.02	26.49	PK	38	-22	0	42.49	-	-	74	-31.51	-	-	0-360	250	V
6	16.534	24.96	PK	40.7	-19.8	0	45.86	-	-	-	-	68.2	-22.34	0-360	250	V

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

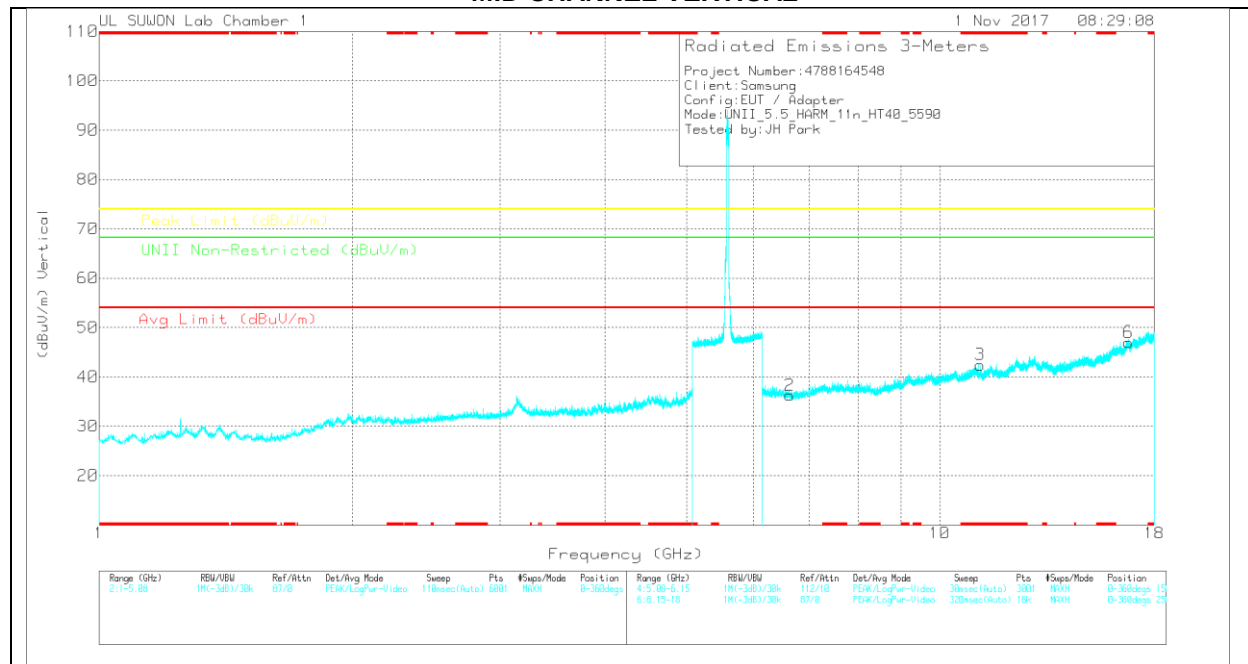
PK – Peak Detector

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

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

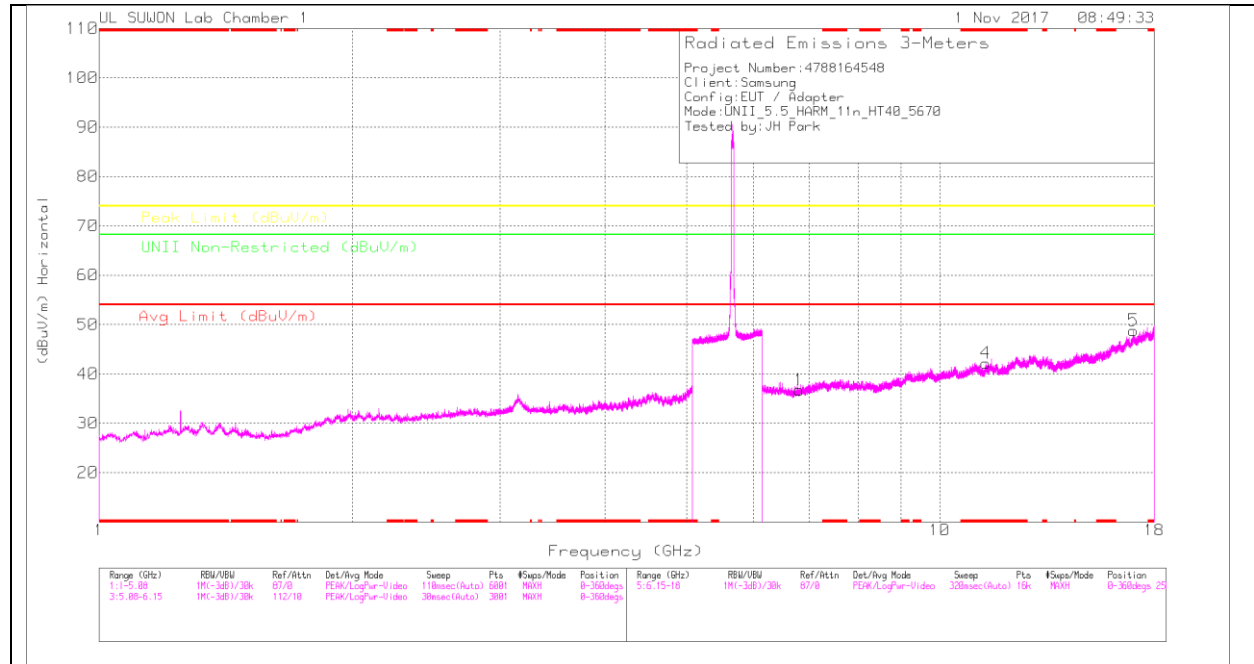
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	20170531_5117_001 68717	ISMT_HP(dB)_17080 9	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	6.612	30.34	PK	35.1	-28.4	0	37.04	-	-	-	-	68.2	-31.16	0-360	150	H
4	* 11.182	25.62	PK	37.9	-22.7	0	40.82	-	-	74	-33.18	-	-	0-360	250	H
5	16.774	24.78	PK	40.9	-18.3	0	47.38	-	-	-	-	68.2	-20.82	0-360	150	H
2	6.633	29.58	PK	35.2	-28.5	0	36.28	-	-	-	-	68.2	-31.92	0-360	250	V
3	* 11.179	27.26	PK	37.9	-22.7	0	42.46	-	-	74	-31.54	-	-	0-360	150	V
6	16.771	24.3	PK	40.9	-18.2	0	47	-	-	-	-	68.2	-21.2	0-360	250	V

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

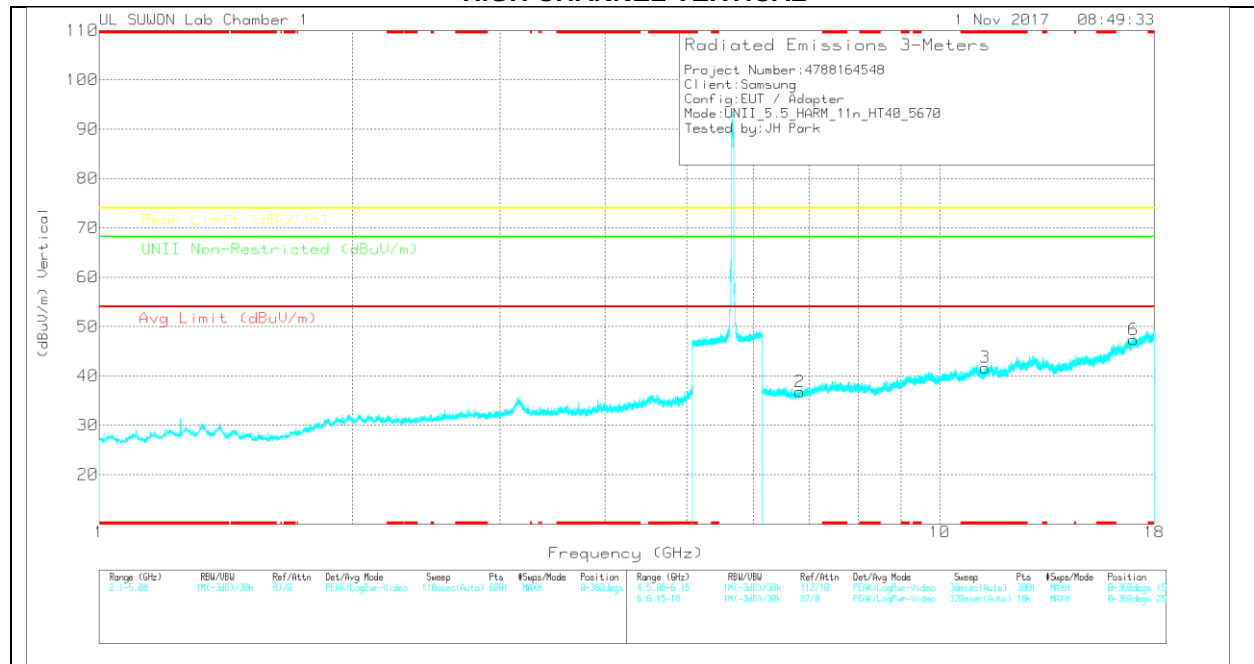
PK – Peak Detector

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	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)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	6.805	29.66	PK	35.3	-28.2	0	36.76	-	-	-	-	68.2	-31.44	0-360	250	H
4	* 11.34	26.79	PK	38	-22.6	0	42.19	-	-	74	-31.81	-	-	0-360	150	H
5	17.002	25.39	PK	41.2	-17.8	0	48.79	-	-	-	-	68.2	-19.41	0-360	250	H
2	6.819	29.69	PK	35.3	-28.2	0	36.79	-	-	-	-	68.2	-31.41	0-360	250	V
3	* 11.333	26.3	PK	38	-22.6	0	41.7	-	-	74	-32.3	-	-	0-360	150	V
6	17.009	23.93	PK	41.2	-17.8	0	47.33	-	-	-	-	68.2	-20.87	0-360	150	V

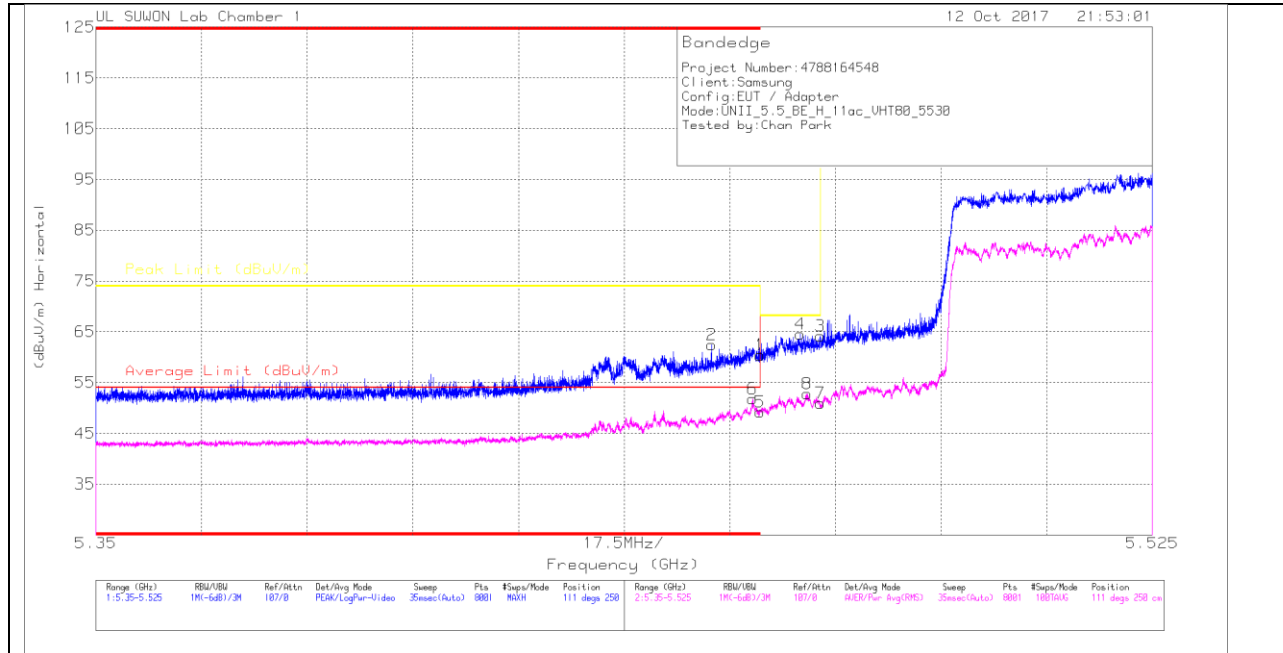
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

10.3.4. TX ABOVE 1GHz 802.11ac VHT80 2Tx CDD MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

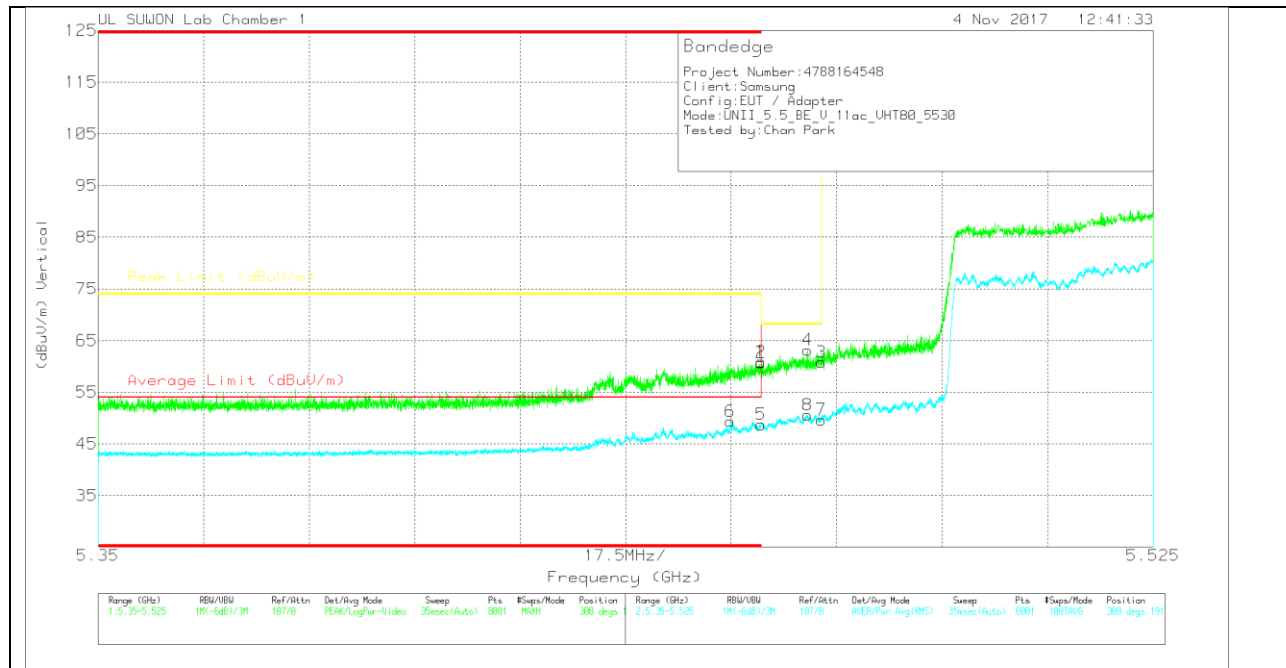
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	47.61	Pk		34.3	-21.5	0	60.41	-	74	-13.59	111	250	H
2	* 5.452	49.73	Pk		34.3	-21.6	0	62.43	-	74	-11.57	111	250	H
3	5.47	51.4	Pk		34.3	-21.5	0	64.2	-	68.2	-4	111	250	H
4	5.467	51.82	Pk		34.3	-21.6	0	64.52	-	68.2	-3.68	111	250	H
5	* 5.46	35.54	RMS		34.3	-21.5	1.16	49.5	-4.5	-	-	111	250	H
6	* 5.459	38.3	RMS		34.3	-21.6	1.16	52.16	-1.84	-	-	111	250	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	* 5.46	48.1	Pk	34.3	-21.5	0	60.9	-	-	74	-13.1	308	191	V
2	* 5.46	47.95	Pk	34.3	-21.5	0	60.75	-	-	74	-13.25	308	191	V
3	5.47	48.01	Pk	34.3	-21.5	0	60.81	-	-	68.2	-7.39	308	191	V
4	5.468	50.47	Pk	34.3	-21.6	0	63.17	-	-	68.2	-5.03	308	191	V
5	* 5.46	34.77	RMS	34.3	-21.5	1.16	48.73	54	-5.27	-	-	308	191	V

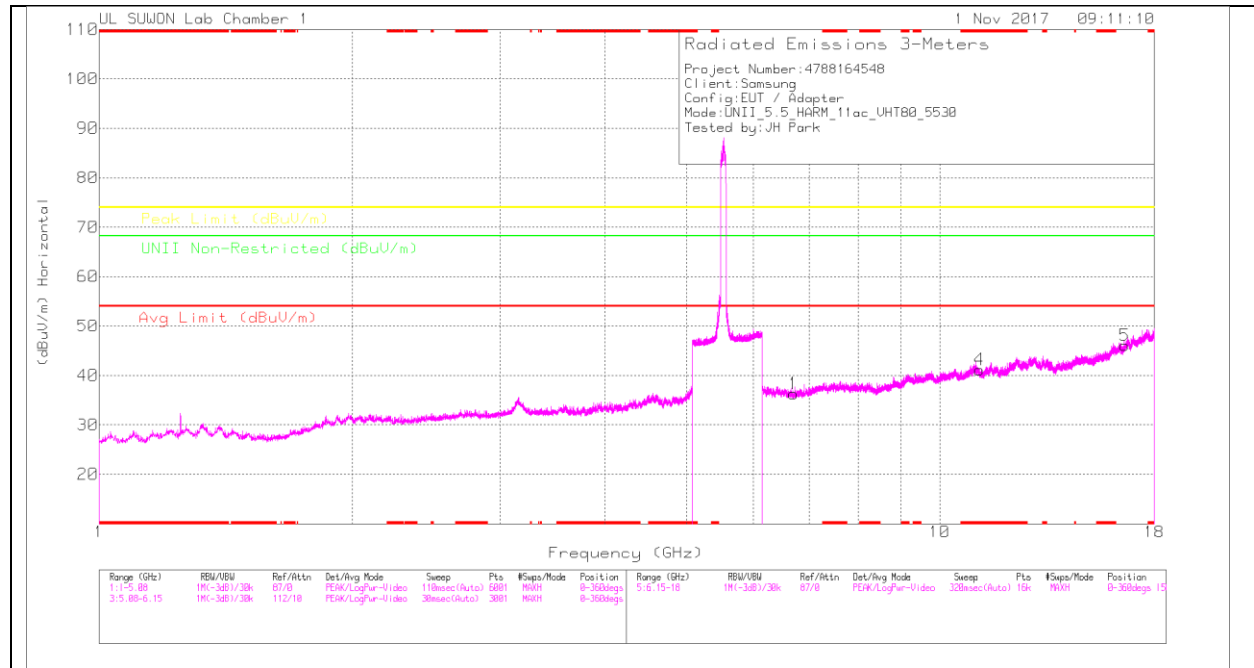
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

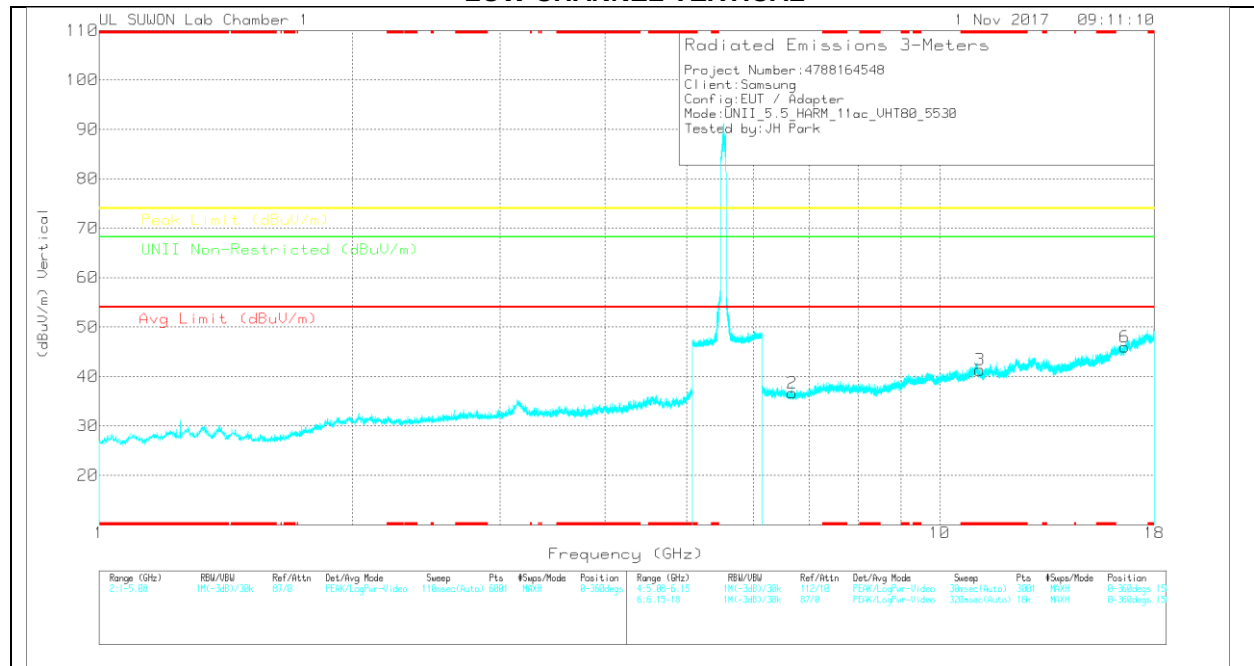
RMS - RMS detection

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

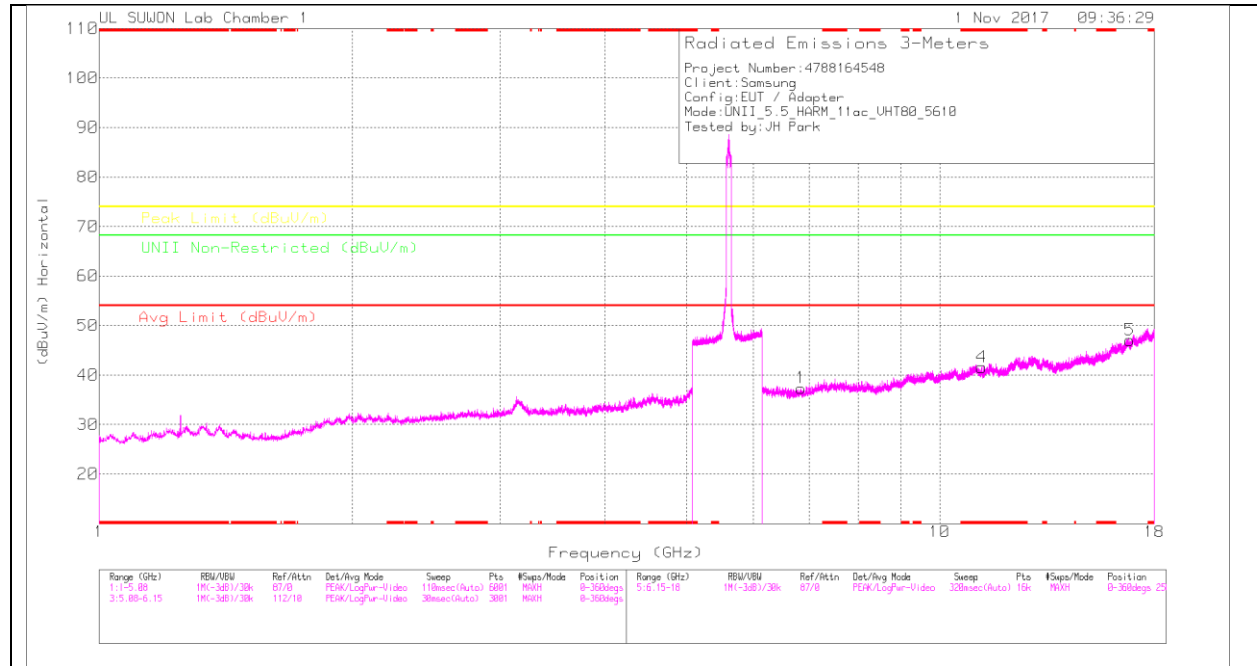
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001 68717	60GHz_HF(dB) 17080 9	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	6.704	30.01	PK	35.2	-28.9	0	36.31	-	-	-	-	68.2	-31.89	0-360	250	H
4	*11.157	25.96	PK	37.9	-22.7	0	41.16	-	-	74	-32.84	-	-	0-360	150	H
5	16.591	24.7	PK	40.8	-19.4	0	46.1	-	-	-	-	68.2	-22.1	0-360	250	H
2	6.678	30.25	PK	35.2	-28.8	0	36.65	-	-	-	-	68.2	-31.55	0-360	250	V
3	*11.163	26.13	PK	37.9	-22.7	0	41.33	-	-	74	-32.67	-	-	0-360	150	V
6	16.593	24.57	PK	40.8	-19.4	0	45.97	-	-	-	-	68.2	-22.23	0-360	250	V

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

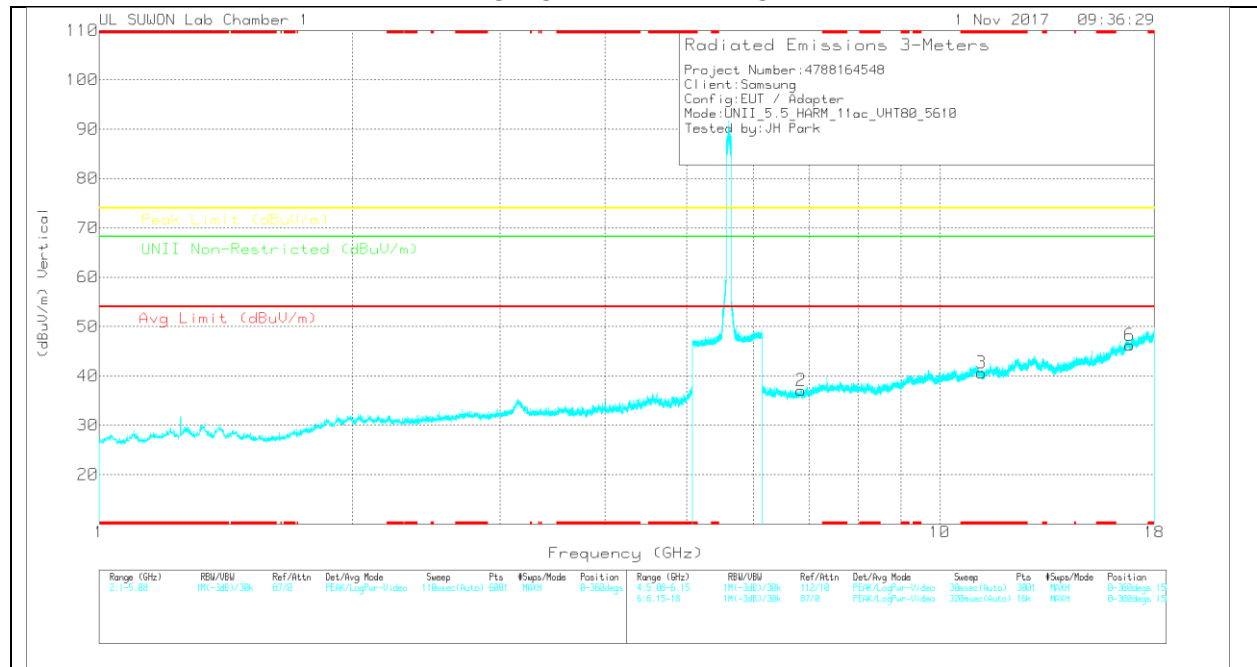
PK – Peak Detector

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	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)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	6.839	30.27	PK	35.4	-28.3	0	37.37	-	-	-	-	68.2	-30.83	0-360	250	H
4	* 11.221	26.38	PK	37.9	-22.7	0	41.58	-	-	74	-32.42	-	-	0-360	150	H
5	16.83	25.25	PK	40.8	-19	0	47.05	-	-	-	-	68.2	-21.15	0-360	150	H
2	6.838	29.97	PK	35.4	-28.3	0	37.07	-	-	-	-	68.2	-31.13	0-360	150	V
3	* 11.214	25.46	PK	37.9	-22.7	0	40.66	-	-	74	-33.34	-	-	0-360	150	V
6	16.833	24.44	PK	40.8	-19	0	46.24	-	-	-	-	68.2	-21.96	0-360	150	V

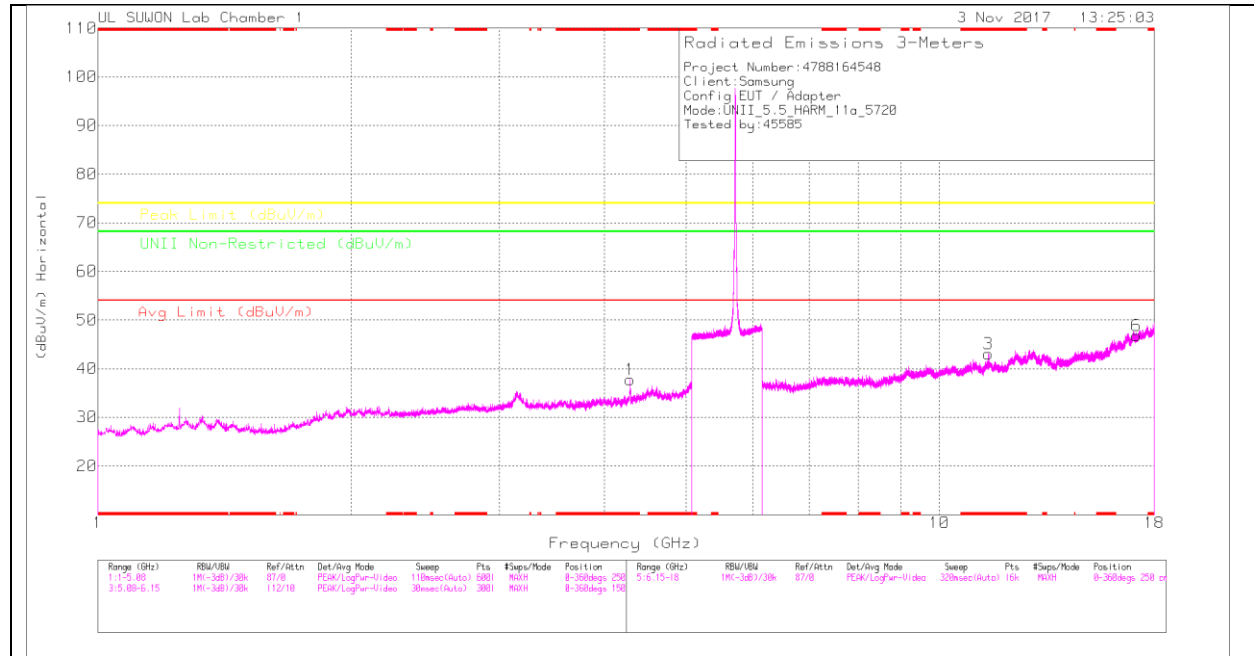
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

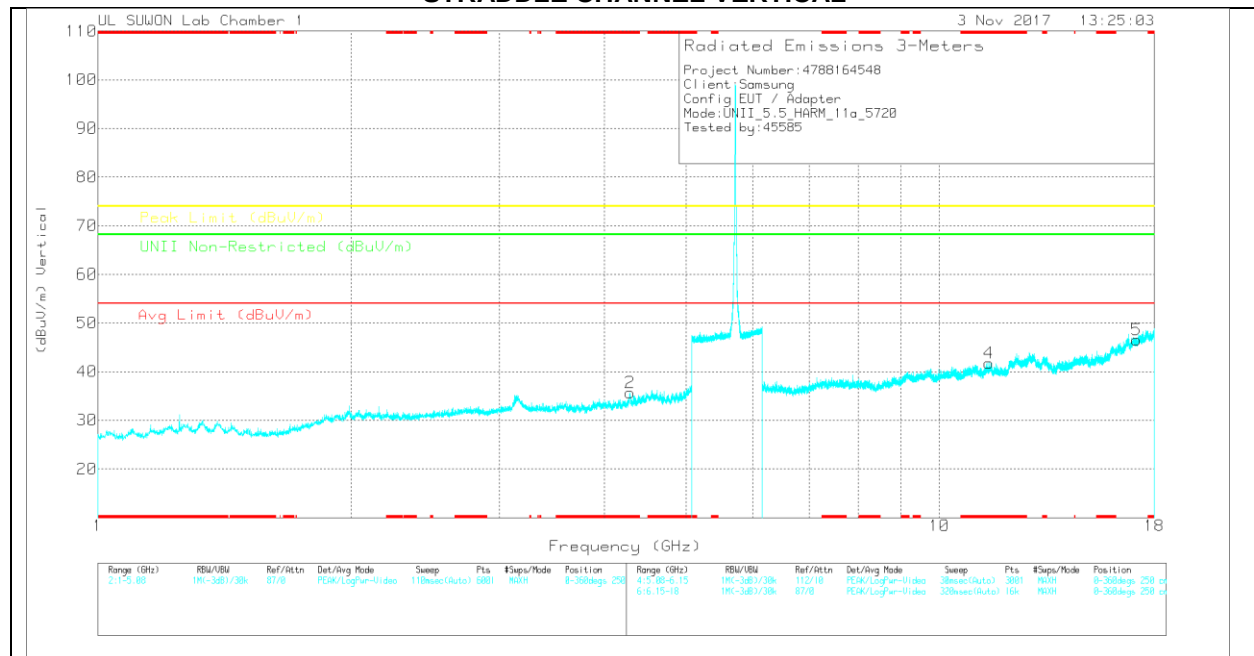
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

10.3.5.TX ABOVE 1GHz 802.11a 2Tx CDD MODE IN THE STRADDLE CHANNEL

STRADDLE CHANNEL HORIZONTAL



STRADDLE 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.

STRADDLE 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)	Altitude (Degs)	Height (cm)	Polarity
1	* 4.291	35.32	PK	33.3	-30.9	0	37.72	-	-	74	-36.28	-	-	0-360	250	H
2	* 4.289	33.28	PK	33.3	-30.9	0	35.68	-	-	74	-38.32	-	-	0-360	150	V
3	* 11.437	27.64	PK	38.1	-22.7	0	43.04	-	-	74	-30.96	-	-	0-360	150	H
6	17.159	23.72	PK	41.4	-18.3	0	46.82	-	-	-	-	68.2	-21.38	0-360	150	H
4	* 11.442	26.47	PK	38.1	-22.8	0	41.77	-	-	74	-32.23	-	-	0-360	150	V
5	17.154	23.46	PK	41.4	-18.3	0	46.56	-	-	-	-	68.2	-21.64	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(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
* 4.293	45.41	PK-U	33.3	-30.9	0	47.81	-	-	74	-26.19	-	-	183	104	H
* 4.289	34.28	ADR	33.3	-30.9	.3	36.98	54	-17.02	-	-	-	-	183	104	H
* 4.289	44.41	PK-U	33.3	-30.9	0	46.81	-	-	74	-27.19	-	-	169	151	V
* 4.291	33.09	ADR	33.3	-30.9	.3	35.79	54	-18.21	-	-	-	-	169	151	V
* 11.442	26.05	ADR	38.1	-22.8	.3	41.65	54	-12.35	-	-	-	-	96	241	V
* 11.442	27.58	ADR	38.1	-22.8	.3	43.18	54	-10.82	-	-	-	-	98	186	H
* 11.44	38.23	PK-U	38.1	-22.8	0	53.53	-	-	74	-20.47	-	-	96	241	V
* 11.437	40.33	PK-U	38.1	-22.7	0	55.73	-	-	74	-18.27	-	-	98	186	H

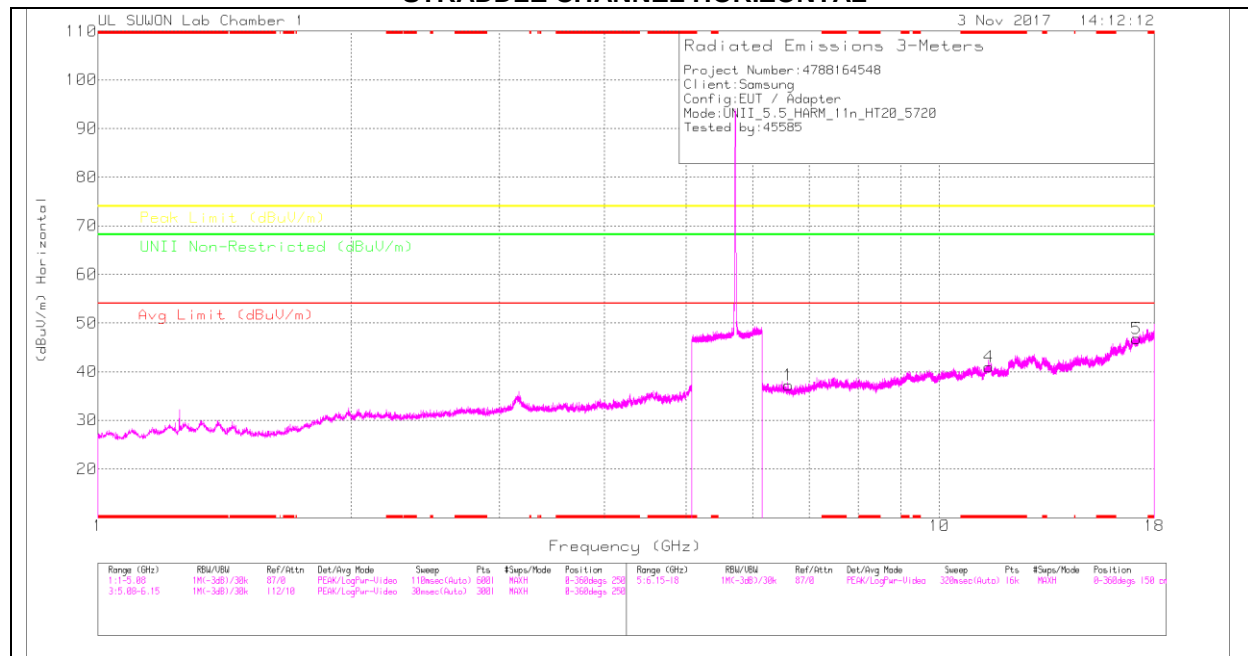
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

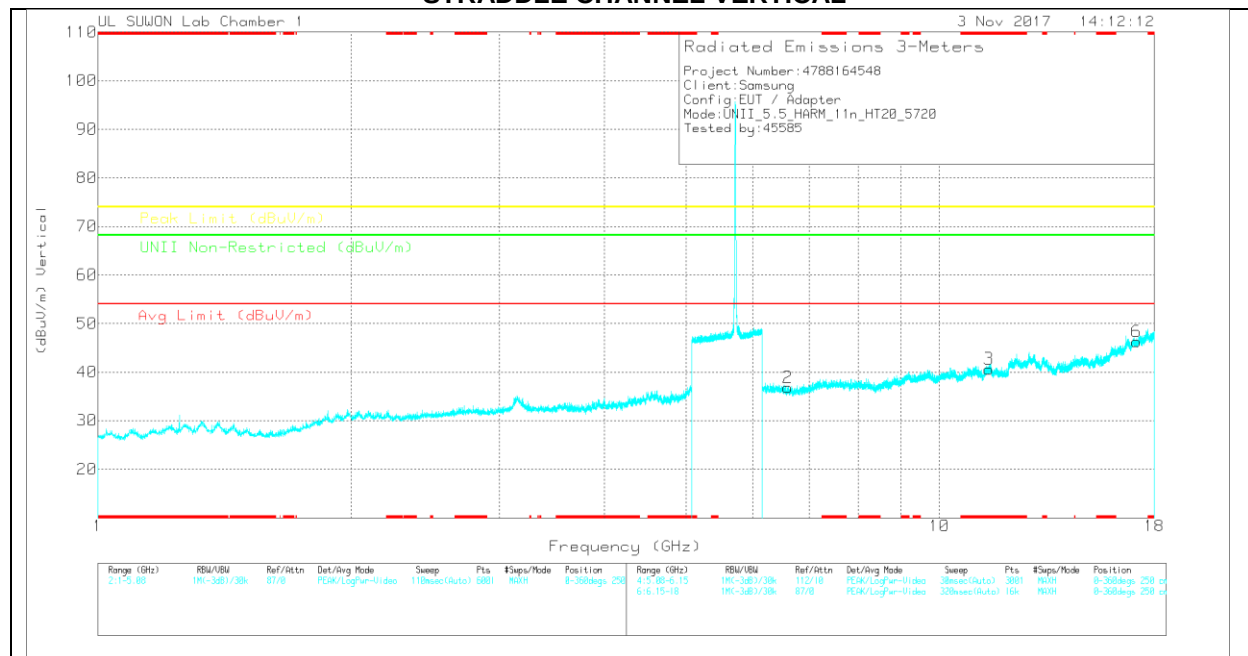
ADR - U-NII AD primary method, RMS average

10.3.6. TX ABOVE 1GHz 802.11n HT20 2Tx CDD MODE IN THE STRADDLE CHANNEL

STRADDLE CHANNEL HORIZONTAL



STRADDLE 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.

STRADDLE 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)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	6.617	30.67	PK	35.1	-28.5	0	37.27	-	-	-	-	68.2	-30.93	0-360	250	H
4	*11.444	25.66	PK	38.1	-22.8	0	40.96	-	-	74	-33.04	-	-	0-360	150	H
5	17.158	23.67	PK	41.4	-18.3	0	46.77	-	-	-	-	68.2	-21.43	0-360	250	H
2	6.602	30.29	PK	35.1	-28.5	0	36.89	-	-	-	-	68.2	-31.31	0-360	150	V
3	*11.443	25.25	PK	38.1	-22.7	0	40.65	-	-	74	-33.35	-	-	0-360	250	V
6	17.158	23.13	PK	41.4	-18.3	0	46.23	-	-	-	-	68.2	-21.97	0-360	250	V

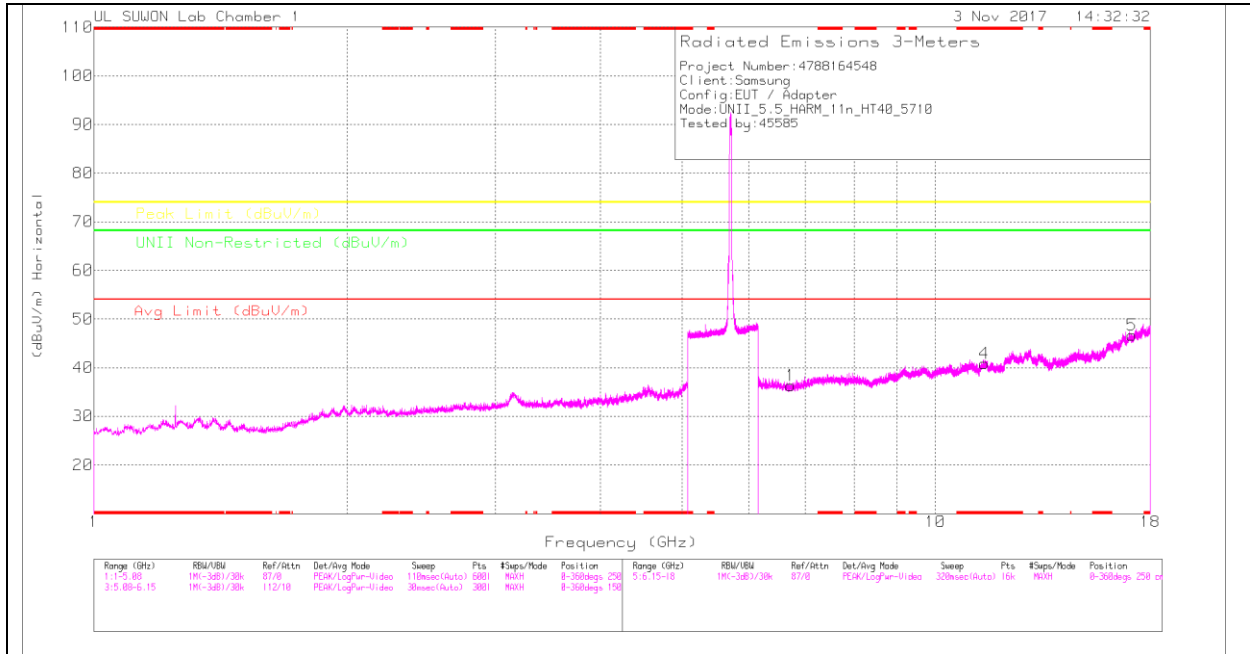
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

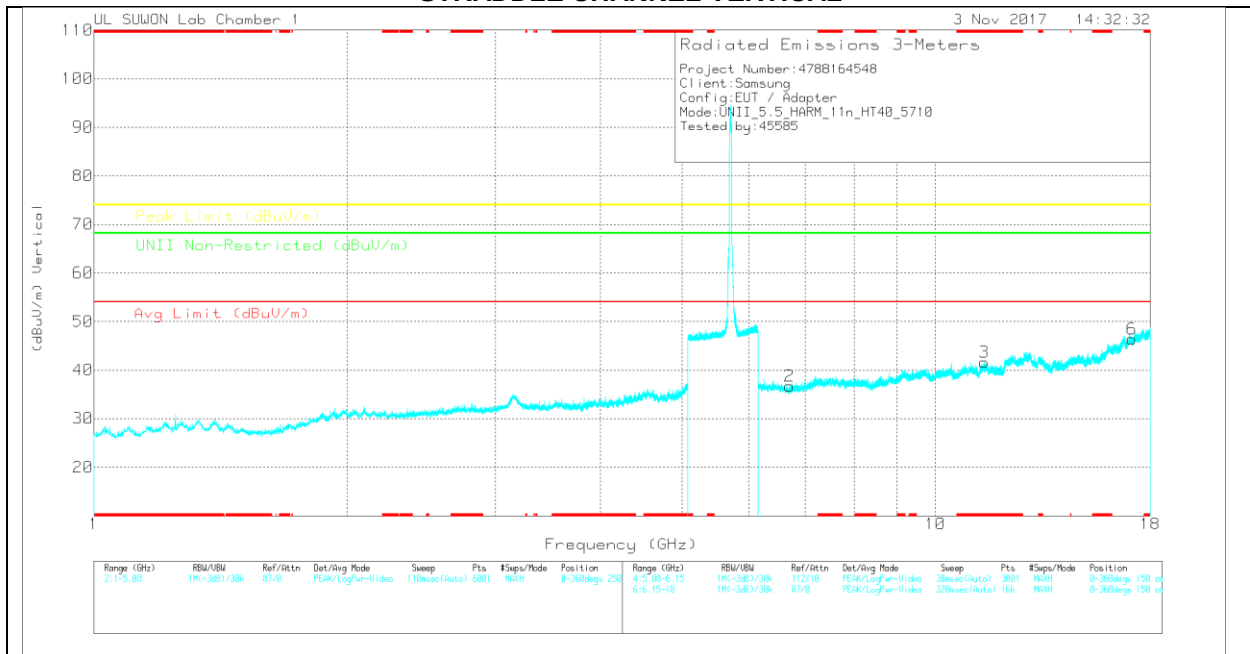
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

10.3.7. TX ABOVE 1GHz 802.11n HT40 2Tx CDD MODE IN THE STRADDLE CHANNEL

STRADDLE CHANNEL HORIZONTAL



STRADDLE 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.

STRADDLE 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)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	6.727	29.88	PK	35.3	-28.9	0	36.28	-	-	-	-	68.2	-31.92	0-360	150	H
4	*11.421	25.42	PK	38.1	-22.7	0	40.82	-	-	74	-33.18	-	-	0-360	150	H
5	17.129	23.56	PK	41.4	-18.3	0	46.66	-	-	-	-	68.2	-21.54	0-360	250	H
2	6.707	30.38	PK	35.2	-28.9	0	36.68	-	-	-	-	68.2	-31.52	0-360	250	V
3	*11.424	26.2	PK	38.1	-22.7	0	41.6	-	-	74	-32.4	-	-	0-360	150	V
6	17.132	23.31	PK	41.4	-18.3	0	46.41	-	-	-	-	68.2	-21.79	0-360	250	V

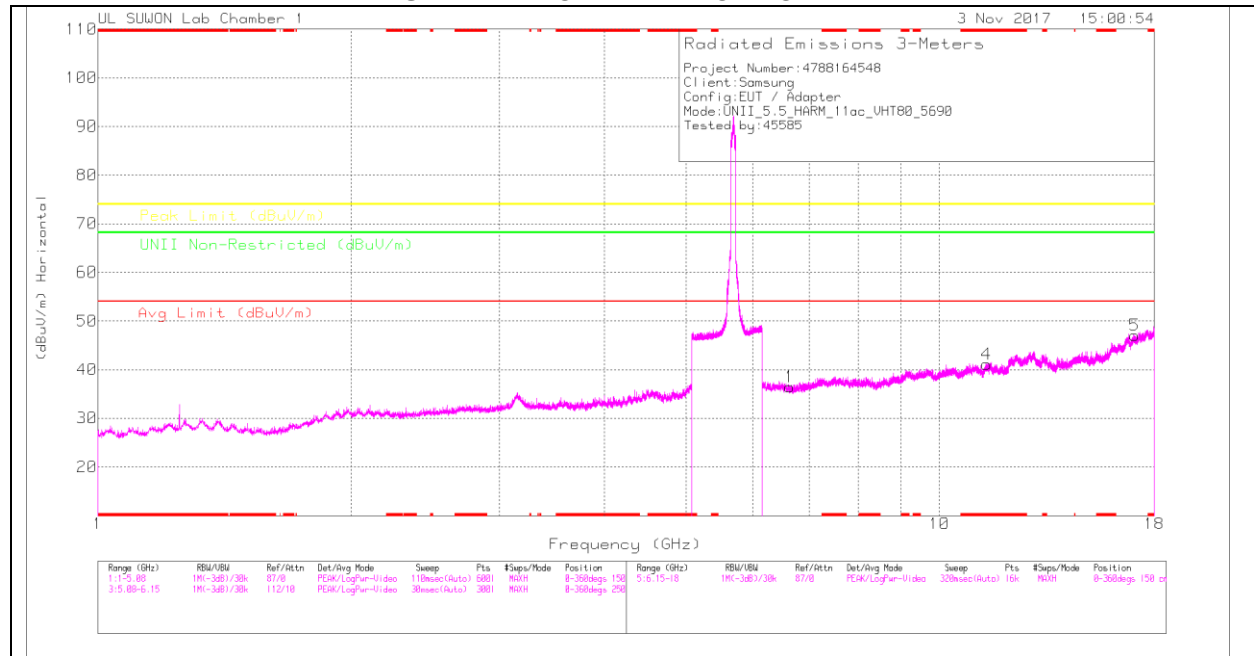
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

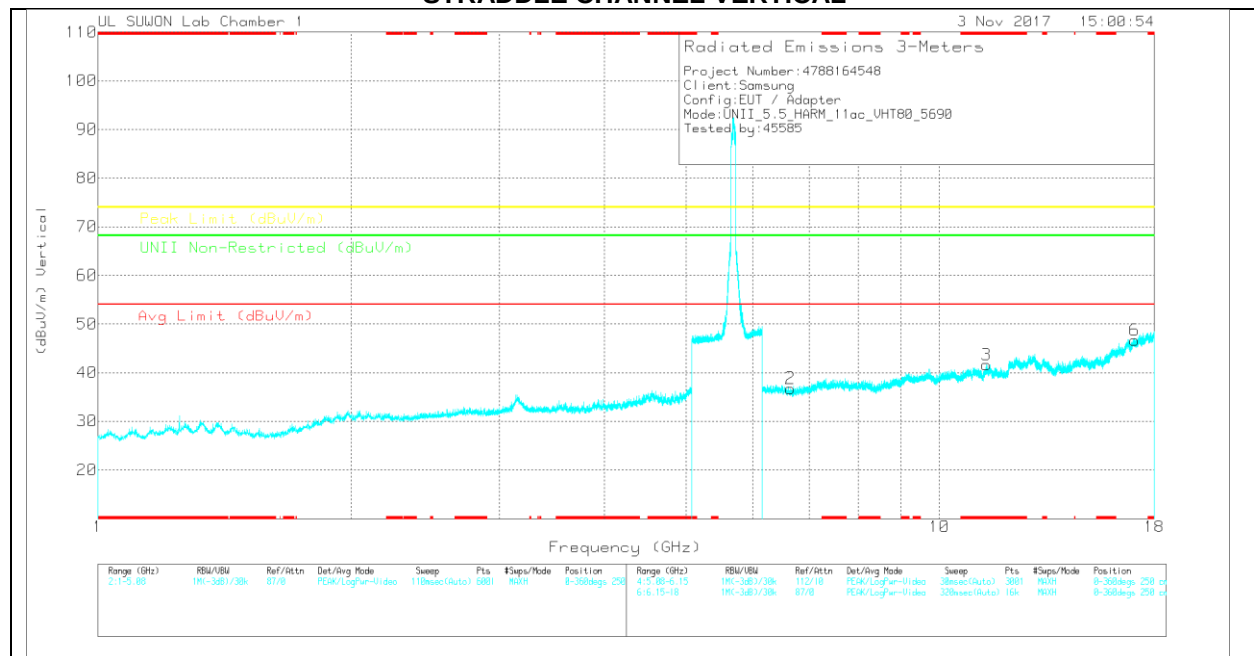
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

10.3.8.TX ABOVE 1GHz 802.11ac VHT80 2Tx CDD MODE IN THE STRADDLE CHANNEL

STRADDLE CHANNEL HORIZONTAL



STRADDLE 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.

STRADDLE 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)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	6.634	29.69	PK	35.2	-28.5	0	36.39	-	-	-	-	68.2	-31.81	0-360	150	H
4	* 11.38	25.72	PK	38.1	-22.7	0	41.12	-	-	74	-32.88	-	-	0-360	250	H
5	17.063	23.63	PK	41.2	-17.8	0	47.03	-	-	-	-	68.2	-21.17	0-360	250	H
2	6.648	30.17	PK	35.2	-28.6	0	36.77	-	-	-	-	68.2	-31.43	0-360	150	V
3	* 11.373	26.35	PK	38	-22.7	0	41.65	-	-	74	-32.35	-	-	0-360	150	V
6	17.073	23.22	PK	41.2	-17.8	0	46.62	-	-	-	-	68.2	-21.58	0-360	250	V

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

PK – Peak Detector

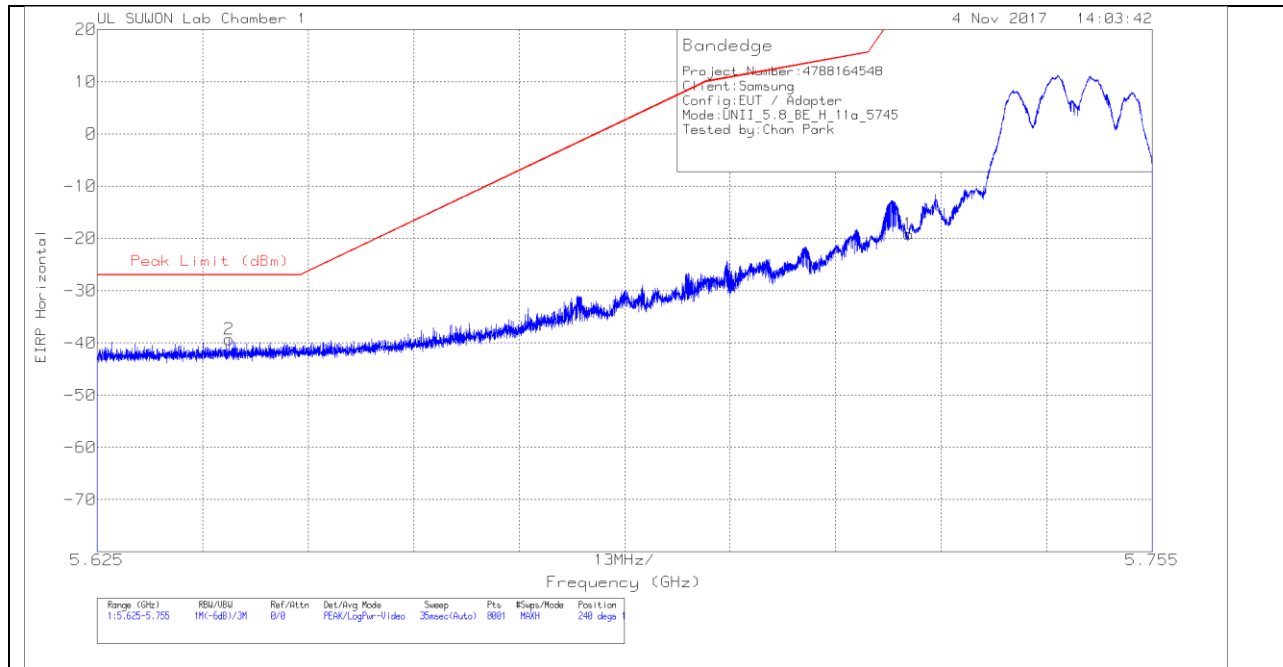
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

10.4. 5.8 GHz

10.4.1. TX ABOVE 1GHz 802.11a 2Tx CDD MODE IN THE 5.8GHz BAND

BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT



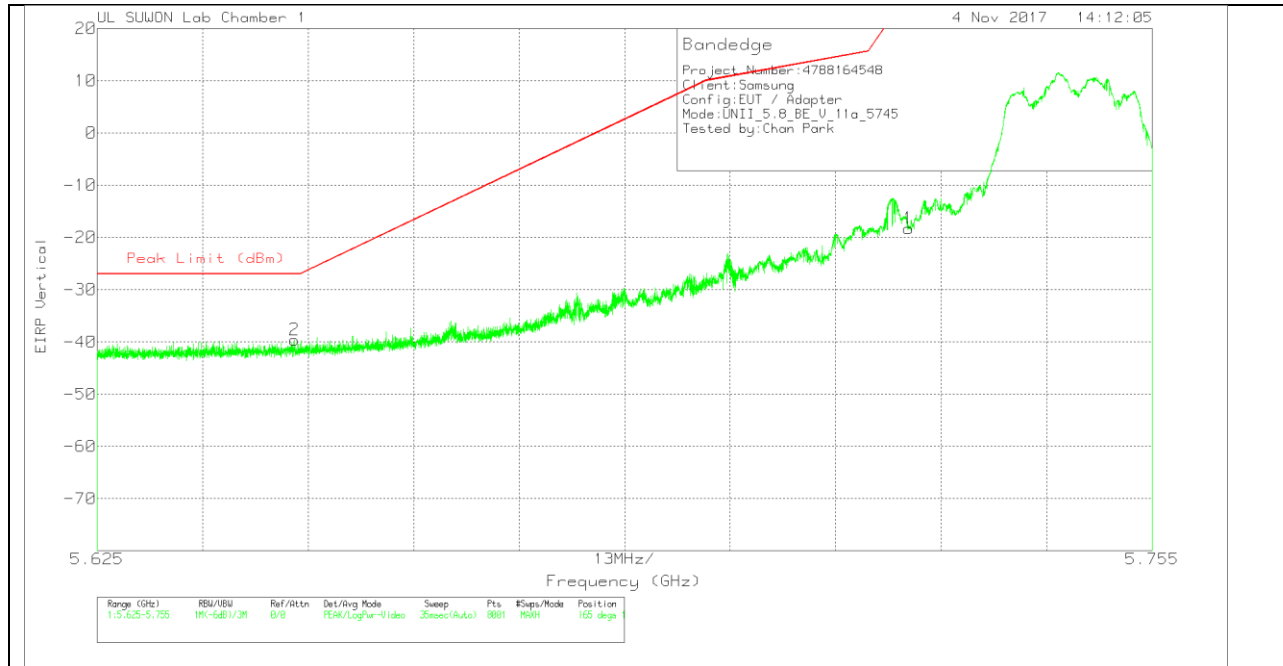
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	20170531_3117_00168717	10dB_ATT(dB)_1 70809	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-44.28	Pk	34.5	-21.2	11.8	0	-19.18	26.97	-46.15	240	124	H
2	5.641	-64.3	Pk	34.4	-21.2	11.8	0	-39.3	-27	-12.3	240	124	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

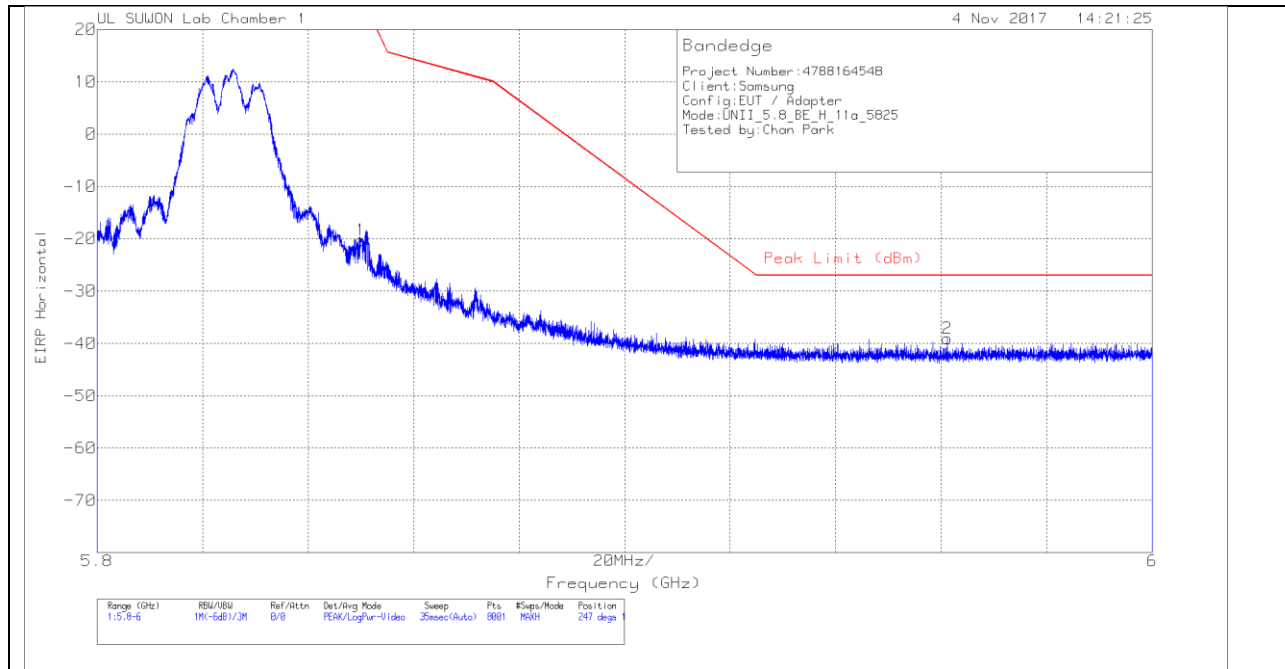
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	20170531_3117_00168717	10dB_ATT(dB)_1 70809	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-43.39	Pk	34.5	-21.2	11.8	0	-18.29	26.97	-45.26	165	102	V
2	5.649	-64.49	Pk	34.4	-21.3	11.8	0	-39.59	-27	-12.59	165	102	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



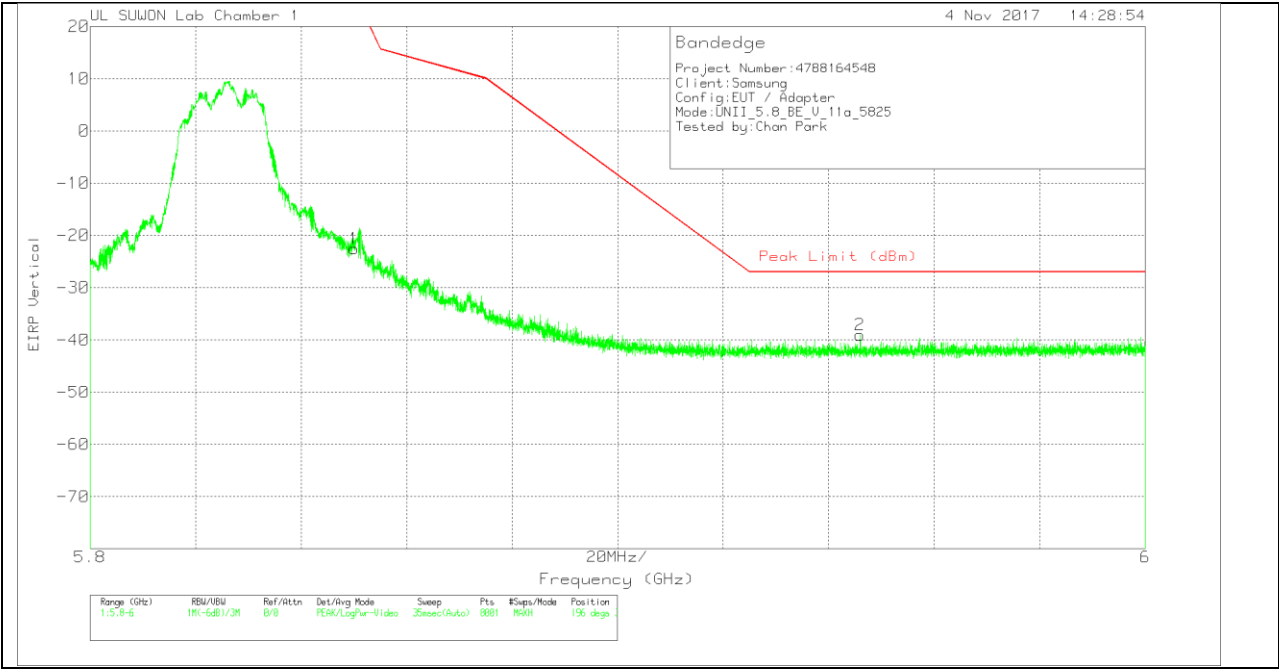
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	20170531_3117_00168717	10dB_ATT(dB)_1 70809	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-45.49	Pk	34.5	-21.1	11.8	0	-20.29	26.94	-47.23	247	144	H
2	5.961	-64.46	Pk	34.6	-21	11.8	0	-39.06	-27	-12.06	247	144	H

Pk - Peak detector

VERTICAL PEAK PLOT



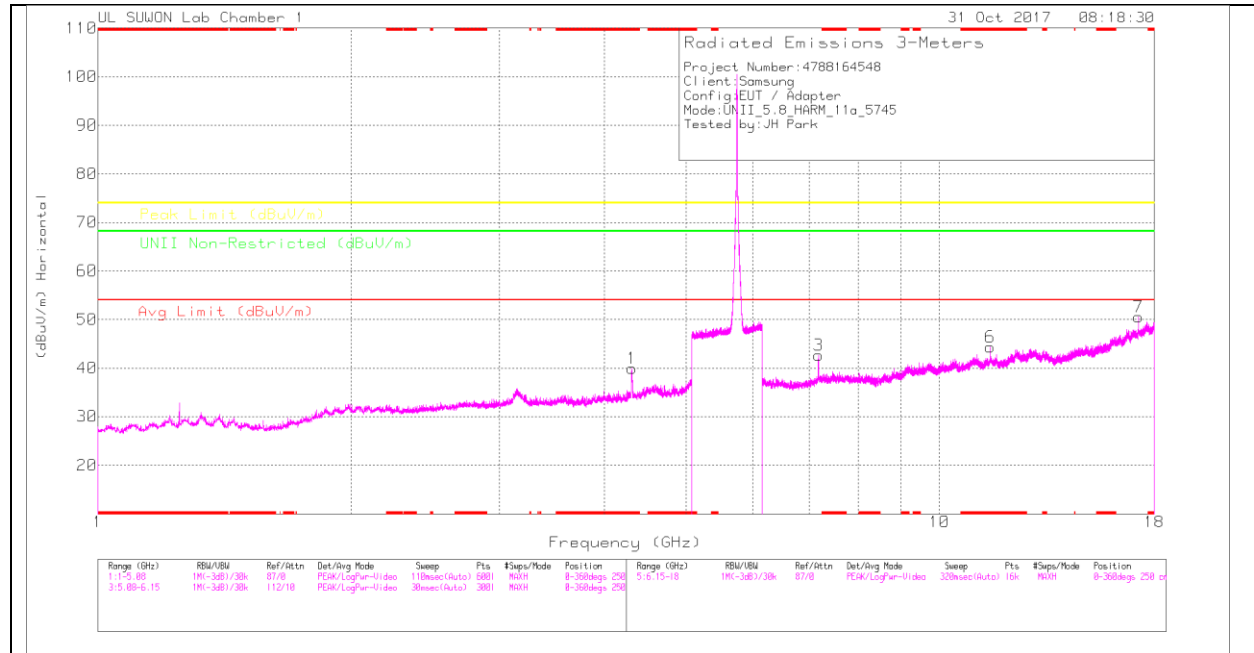
VERTICAL DATA

Trace Markers

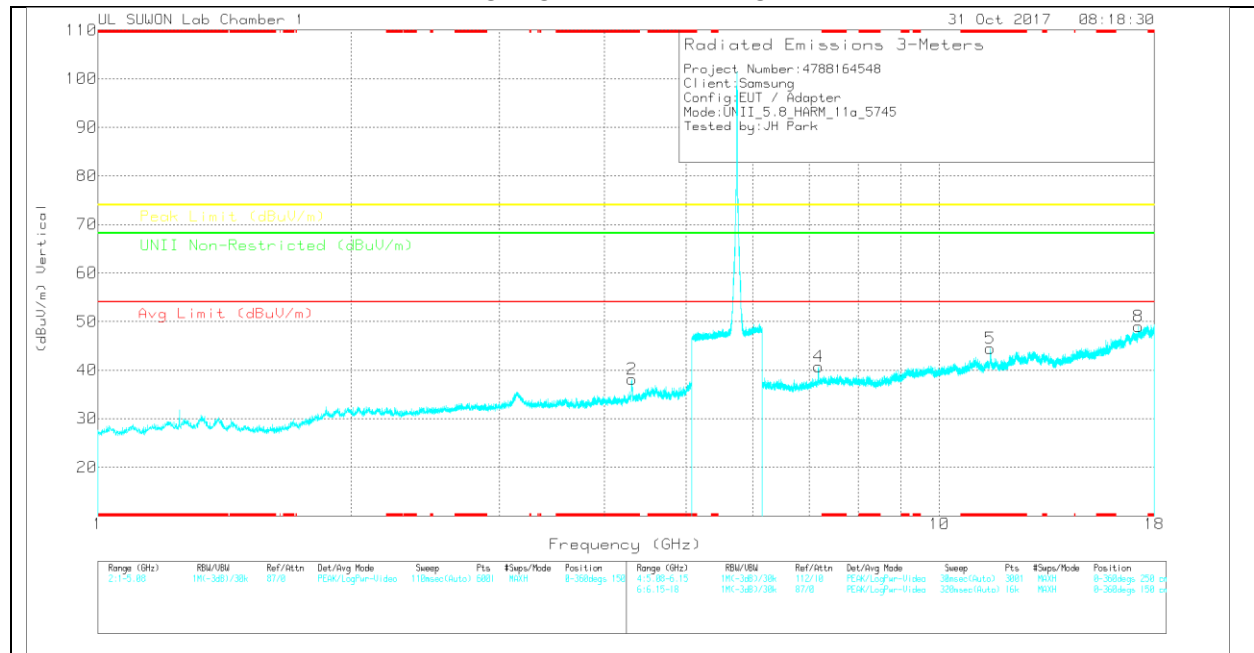
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	20170531_3117_00168717	10dB_ATT(dB)_1 70809	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-47.76	Pk	34.5	-21.1	11.8	0	-22.56	26.94	-49.5	196	399	V
2	5.946	-64.46	Pk	34.6	-21	11.8	0	-39.06	-27	-12.06	196	399	V

Pk - Peak detector

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_LF(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U-NII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 4.31	37.78	PK	33.3	-31.1	0	39.98	-	-	74	-34.02	-	-	0-360	250	H
2	* 4.31	35.95	PK	33.3	-31.1	0	38.15	-	-	74	-35.85	-	-	0-360	250	V
3	7.182	34.78	PK	35.9	-28	0	42.68	-	-	-	-	68.2	-25.52	0-360	150	H
6	* 11.492	28.97	PK	38.2	-22.8	0	44.37	-	-	74	-29.63	-	-	0-360	150	H
7	17.237	27.1	PK	41.6	-18.1	0	50.6	-	-	-	-	68.2	-17.6	0-360	150	H
4	7.179	32.8	PK	35.9	-28	0	40.7	-	-	-	-	68.2	-27.5	0-360	150	V
5	* 11.493	29.01	PK	38.2	-22.8	0	44.41	-	-	74	-29.59	-	-	0-360	250	V
8	17.235	25.5	PK	41.6	-18.1	0	49	-	-	-	-	68.2	-19.2	0-360	250	V

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

PK – Peak Detector

Radiated Emissions

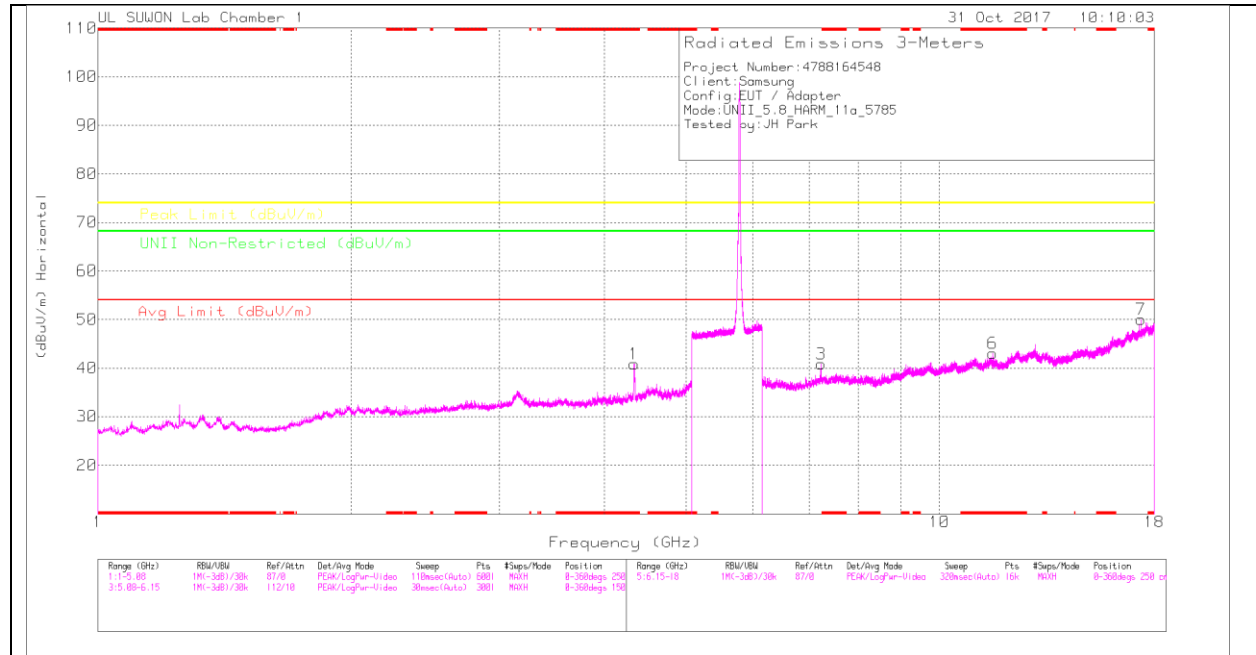
Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00148 717	5GHz_LF(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U-NII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 4.312	46.78	PK-U	33.3	-31.1	0	48.98	-	-	74	-25.02	-	-	189	359	V
* 4.31	35.53	ADR	33.3	-31.1	.3	38.03	54	-15.97	-	-	-	-	189	359	V
* 4.308	48.15	PK-U	33.3	-31.1	0	50.35	-	-	74	-23.65	-	-	35	191	H
* 4.31	37.5	ADR	33.3	-31.1	.3	40	54	-14	-	-	-	-	35	191	H
* 11.492	28.15	ADR	38.2	-22.8	.3	43.85	54	-10.15	-	-	-	-	147	191	V
* 11.492	27.35	ADR	38.2	-22.8	.3	43.05	54	-10.95	-	-	-	-	113	160	H
17.239	41.08	PK-U	41.6	-18.1	0	64.58	-	-	-	-	68.2	-3.62	125	166	H
17.234	36.32	PK-U	41.6	-18.1	0	59.82	-	-	-	-	68.2	-8.38	198	395	V
7.18	43.09	PK-U	35.9	-28	0	50.99	-	-	-	-	68.2	-17.21	205	117	H
7.179	43.1	PK-U	35.9	-28	0	51	-	-	-	-	68.2	-17.2	152	237	V
* 11.493	40.67	PK-U	38.2	-22.8	0	56.07	-	-	74	-17.93	-	-	147	191	V
* 11.493	39.82	PK-U	38.2	-22.8	0	55.22	-	-	74	-18.78	-	-	113	160	H

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

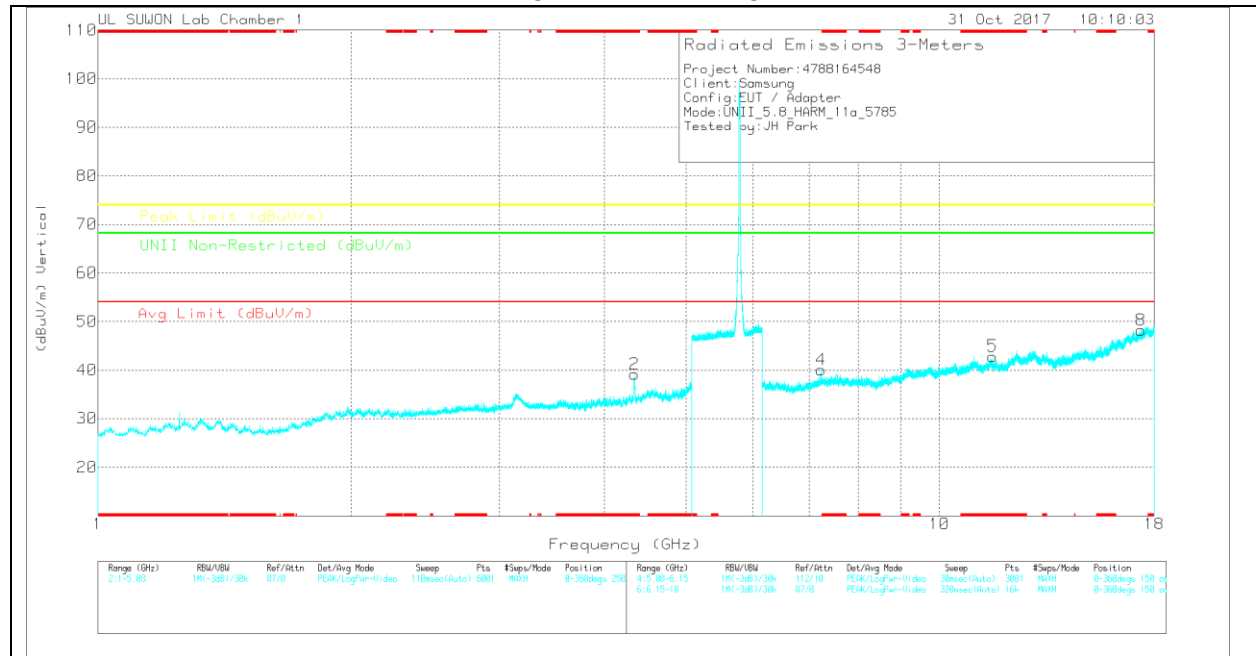
PK-U - U-NII: Maximum Peak

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 68737	5GHz_LP(BB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	ULN Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 4.337	38.82	PK	33.4	-31.4	0	40.82	-	-	74	-33.18	-	-	0-360	250	H
2	* 4.339	37.21	PK	33.4	-31.4	0	39.21	-	-	74	-34.79	-	-	0-360	250	V
3	7.233	32.29	PK	35.9	-27.4	0	40.79	-	-	-	-	68.2	-27.41	0-360	250	H
6	* 11.573	27.72	PK	38.2	-22.9	0	43.02	-	-	74	-30.98	-	-	0-360	150	H
7	17.353	26.67	PK	41.4	-18	0	50.07	-	-	-	-	68.2	-18.13	0-360	150	H
4	7.23	31.69	PK	35.9	-27.5	0	40.09	-	-	-	-	68.2	-28.11	0-360	150	V
5	* 11.574	27.45	PK	38.2	-22.8	0	42.85	-	-	74	-31.15	-	-	0-360	150	V
8	17.355	24.67	PK	41.4	-17.9	0	48.17	-	-	-	-	68.2	-20.03	0-360	250	V

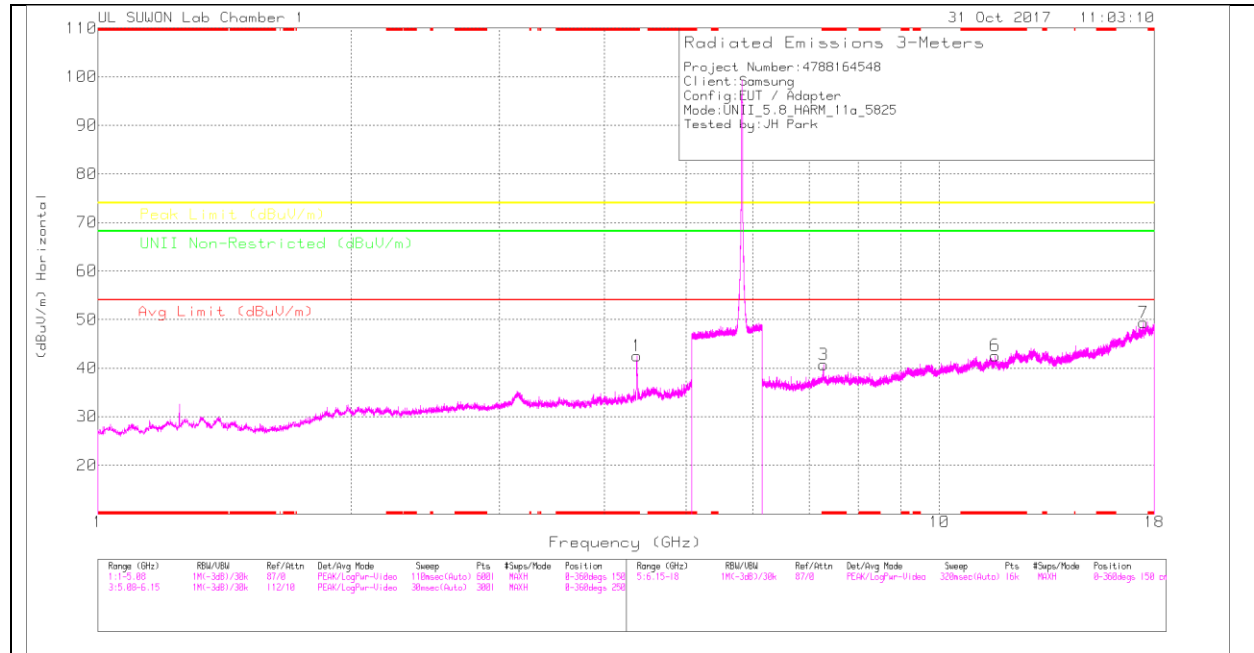
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

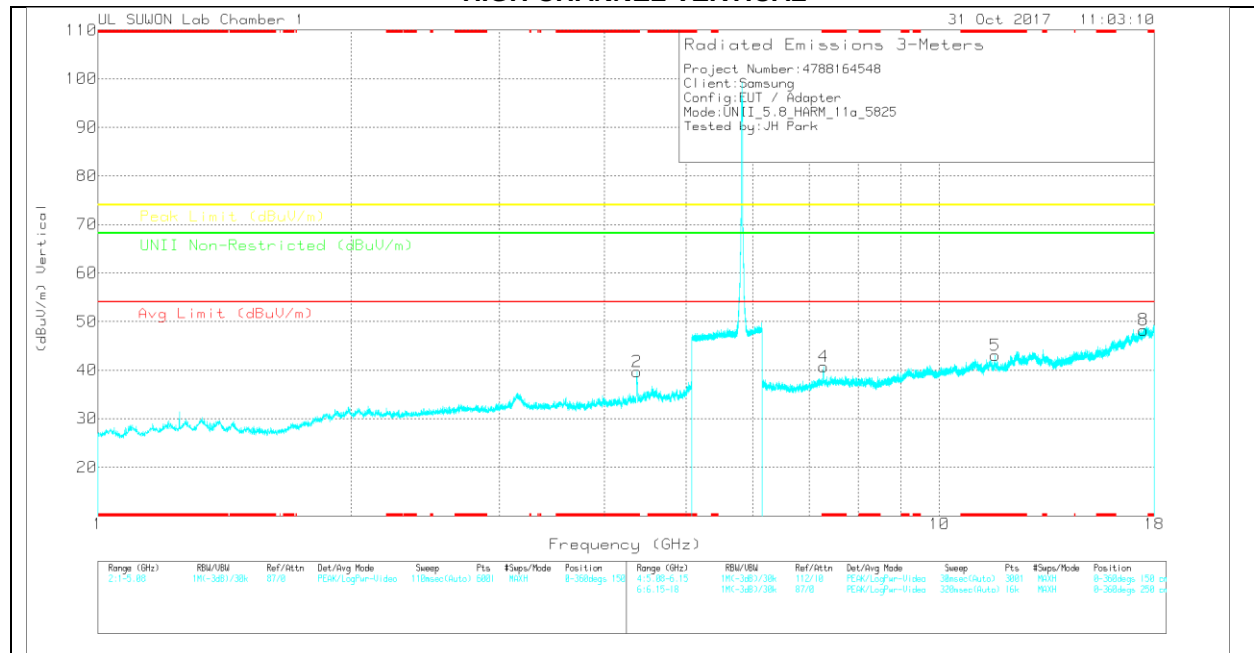
Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00148 717	5GHz_LP(BB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	ULN Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 4.339	46.89	PK-U	33.4	-31.4	0	48.89	-	-	74	-25.11	-	-	141	171	V
* 4.34	36.03	ADR	33.4	-31.4	.3	38.33	54	-15.67	-	-	-	-	141	171	V
* 4.34	50.14	PK-U	33.4	-31.4	0	52.14	-	-	74	-21.86	-	-	28	195	H
* 4.339	39.81	ADR	33.4	-31.4	.3	42.11	54	-11.89	-	-	-	-	28	195	H
17.359	40.88	PK-U	41.4	-18	0	64.28	-	-	-	-	68.2	-3.92	121	172	H
17.349	35.08	PK-U	41.4	-17.9	0	58.58	-	-	-	-	68.2	-9.62	189	258	V
7.23	43.56	PK-U	35.9	-27.5	0	51.96	-	-	-	-	68.2	-16.24	202	145	H
7.23	42.42	PK-U	35.9	-27.5	0	50.82	-	-	-	-	68.2	-17.38	152	200	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_LF(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
1	*4.369	40.93	PK	33.5	-31.9	0	42.53	-	-	74	-31.47	-	-	0-360	250	H
2	*4.371	38.08	PK	33.5	-31.9	0	39.68	-	-	74	-34.32	-	-	0-360	250	V
3	*7.281	31.95	PK	35.9	-27.1	0	40.75	-	-	74	-33.25	-	-	0-360	150	H
6	*11.651	26.59	PK	38.1	-22.1	0	42.59	-	-	74	-31.41	-	-	0-360	250	H
7	17.469	25.74	PK	41.3	-17.6	0	49.44	-	-	-	-	68.2	-18.76	0-360	150	H
4	*7.282	31.86	PK	35.9	-27.1	0	40.66	-	-	74	-33.34	-	-	0-360	250	V
5	*11.648	27.11	PK	38.1	-22.2	0	43.01	-	-	74	-30.99	-	-	0-360	150	V
8	17.474	24.68	PK	41.3	-17.7	0	48.28	-	-	-	-	68.2	-19.92	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_LF(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
*4.37	49.85	PK-U	33.5	-31.9	0	51.45	-	-	74	-22.55	-	-	163	353	V
*4.37	38.98	ADR	33.5	-31.9	.3	40.88	54	-13.12	-	-	-	-	163	353	V
*4.371	51.56	PK-U	33.5	-31.9	0	53.16	-	-	74	-20.84	-	-	31	178	H
*4.37	41.16	ADR	33.5	-31.9	.3	43.06	54	-10.94	-	-	-	-	31	178	H
*7.282	31.65	ADR	35.9	-27.1	.3	40.75	54	-13.25	-	-	-	-	203	140	H
*7.28	31.77	ADR	35.9	-27.1	.3	40.87	54	-13.13	-	-	-	-	144	180	V
17.479	39.95	PK-U	41.2	-17.7	0	63.45	-	-	-	-	68.2	-4.75	119	128	H
17.475	35.87	PK-U	41.2	-17.7	0	59.37	-	-	-	-	68.2	-8.83	147	121	V
*7.284	42.73	PK-U	35.9	-27.1	0	51.53	-	-	74	-22.47	-	-	203	140	H
*7.283	43.15	PK-U	35.9	-27.1	0	51.95	-	-	74	-22.05	-	-	144	180	V

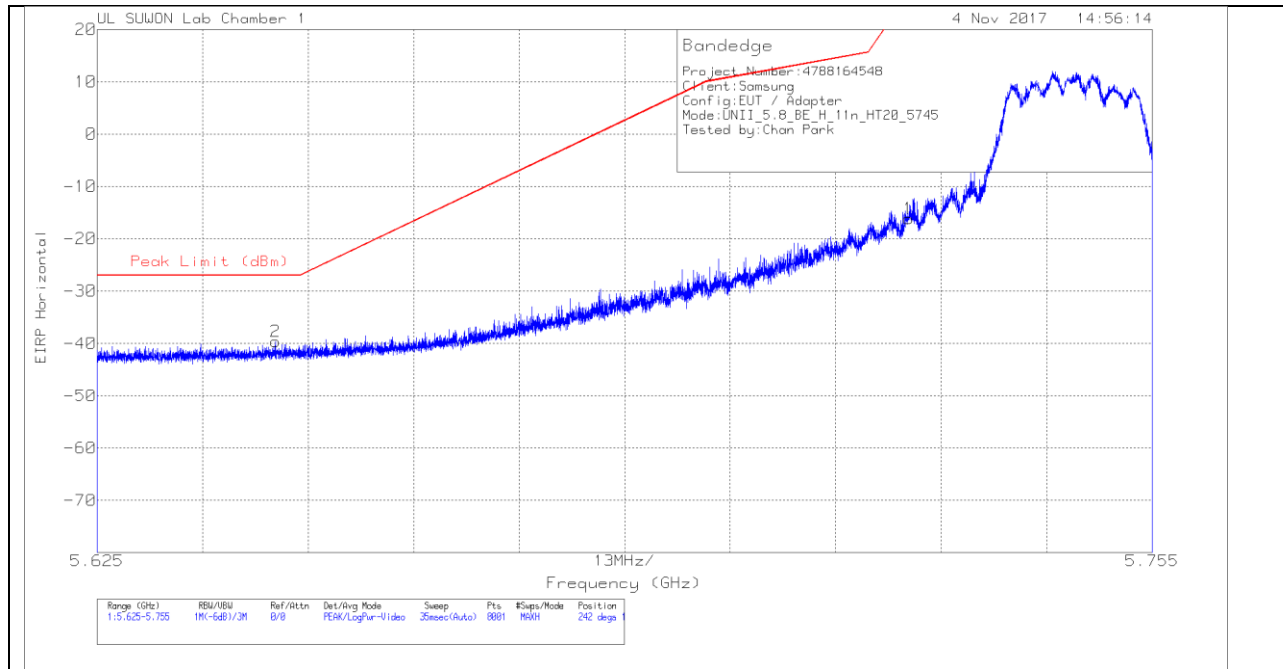
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.4.2.TX ABOVE 1GHz 802.11n HT20 2Tx CDD MODE IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT



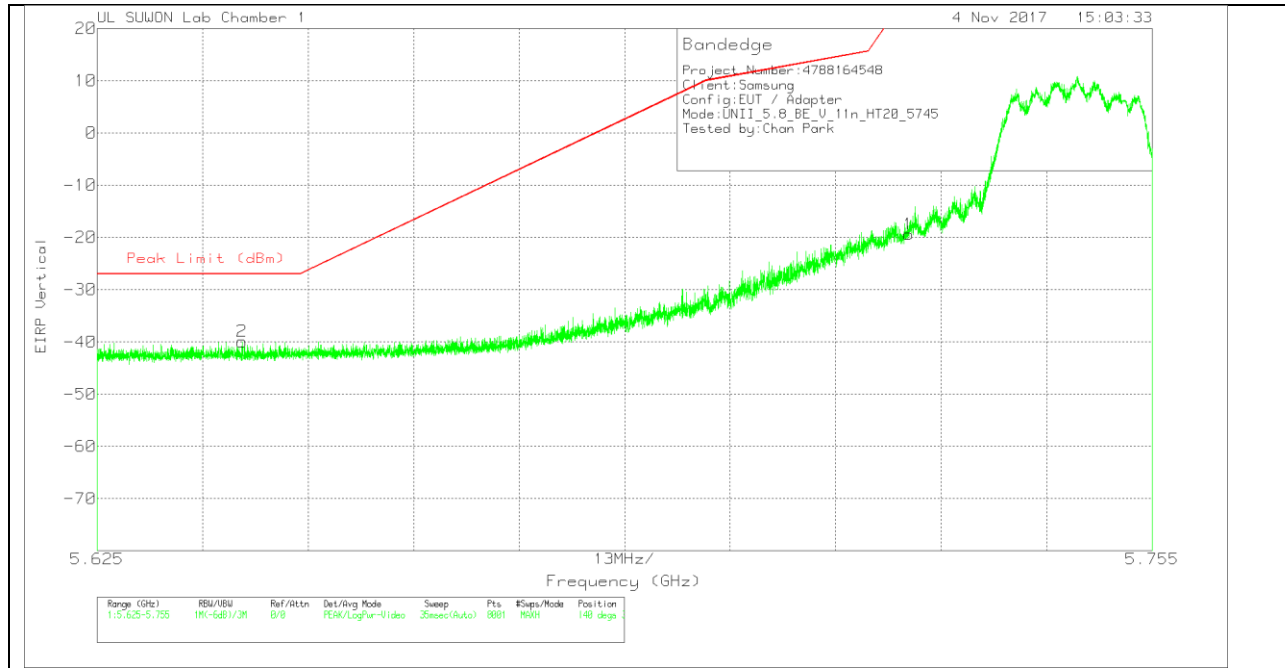
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	20170531_3117_00168717	10dB_ATT(dB)_1 70809	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-41.26	Pk	34.5	-21.2	11.8	0	-16.16	26.97	-43.13	242	124	H
2	5.647	-64.55	Pk	34.4	-21.3	11.8	0	-39.65	-27	-12.65	242	124	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

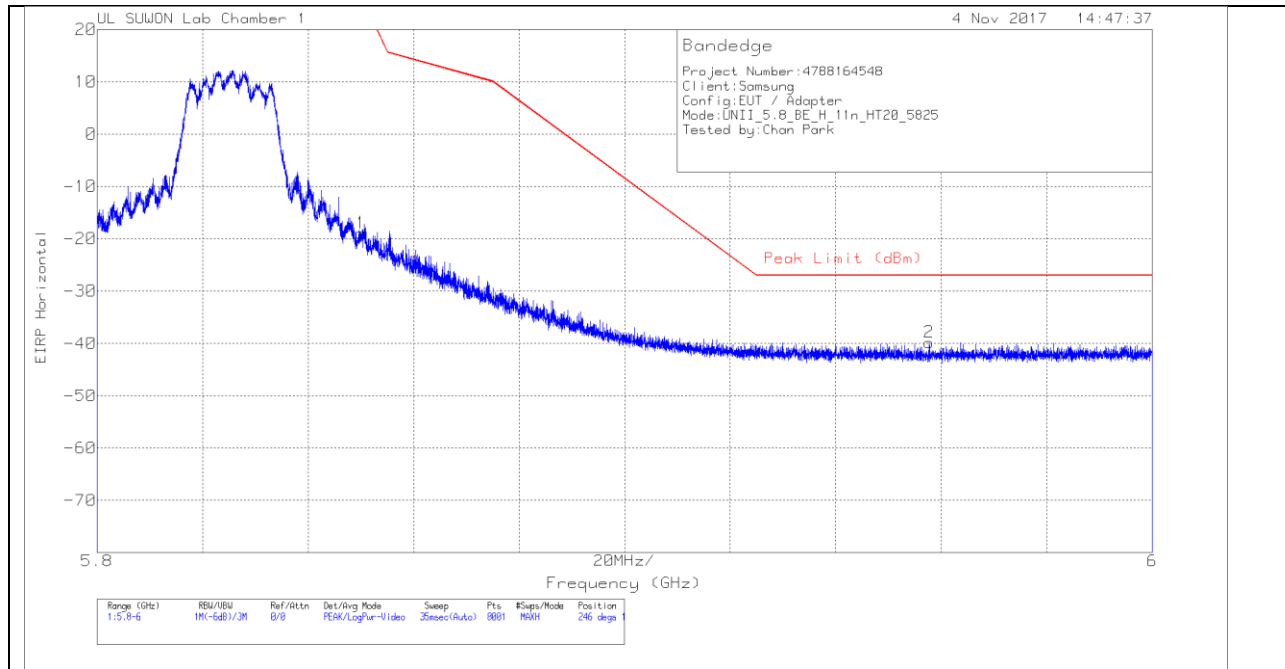
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	20170531_3117_00168717	10dB_ATT(dB)_1 70809	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-44.5	Pk	34.5	-21.2	11.8	0	-19.4	26.97	-46.37	140	392	V
2	5.643	-64.92	Pk	34.4	-21.2	11.8	0	-39.92	-27	-12.92	140	392	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



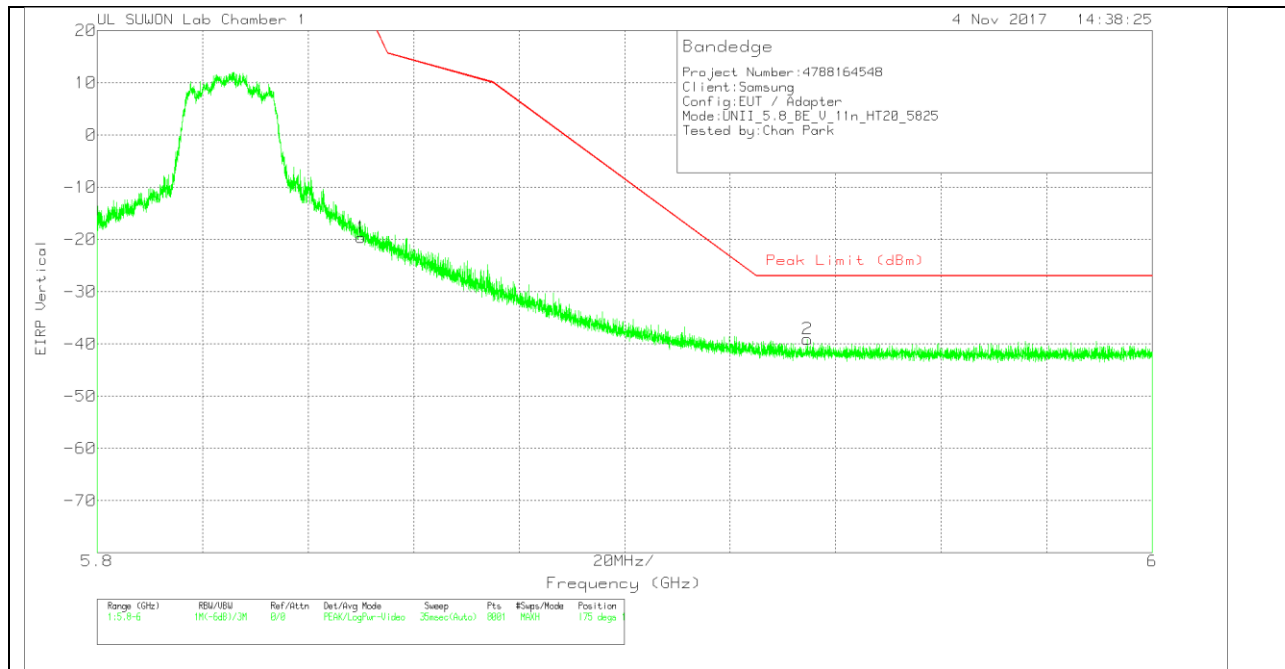
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	20170531_3117_00168717	10dB_ATT(dB)_1 70809	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-44.1	Pk	34.5	-21.1	11.8	0	-18.9	26.94	-45.84	246	144	H
2	5.958	-65.31	Pk	34.6	-20.9	11.8	0	-39.81	-27	-12.81	246	144	H

Pk - Peak detector

VERTICAL PEAK PLOT



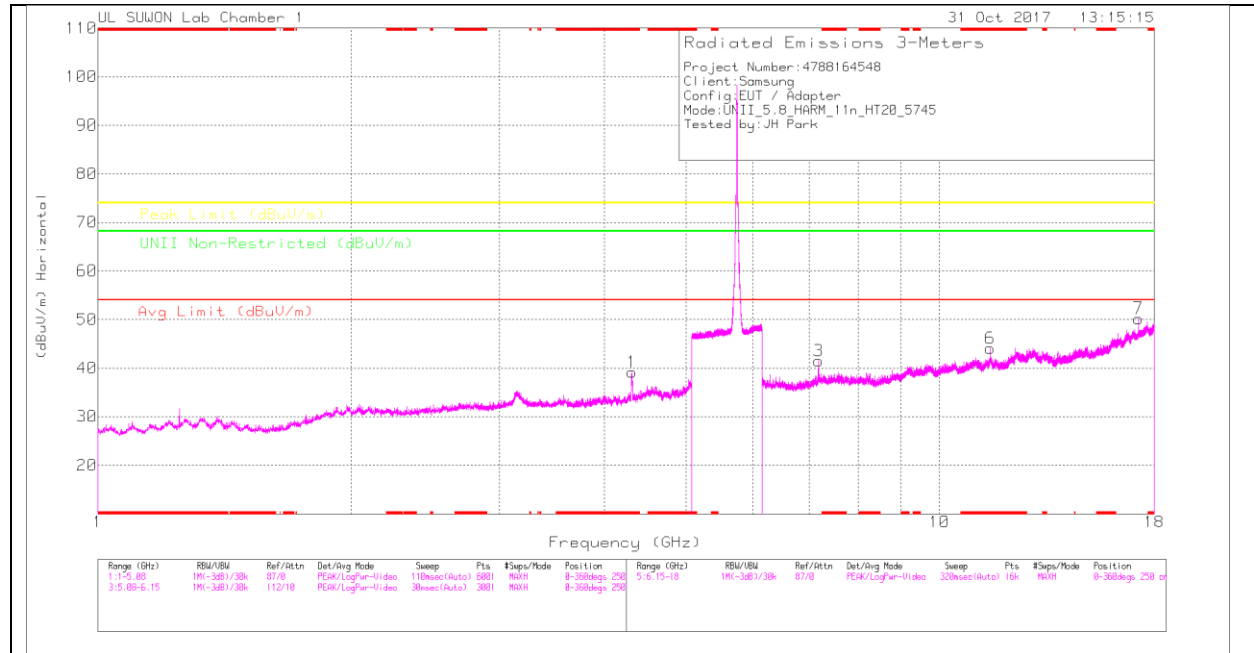
VERTICAL DATA

Trace Markers

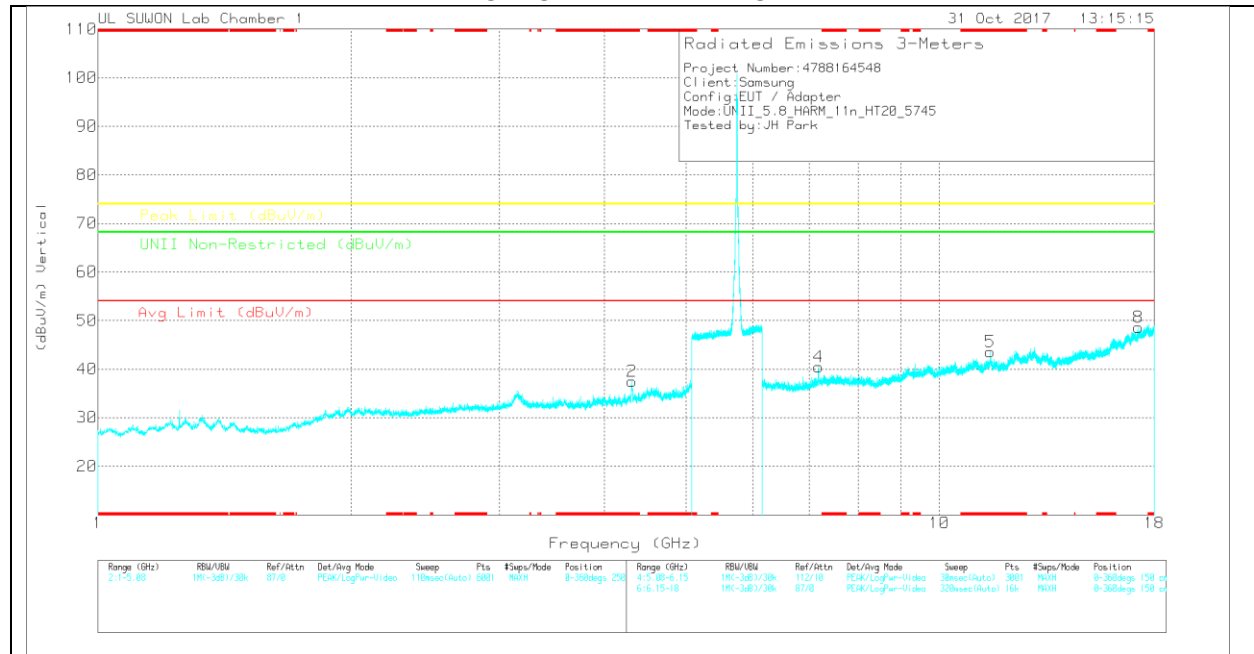
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	20170531_3117_00168717	10dB_ATT(dB)_1 70809	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-44.82	Pk	34.5	-21.1	11.8	0	-19.62	26.94	-46.56	175	100	V
2	5.935	-64.48	Pk	34.6	-21	11.8	0	-39.08	-27	-12.08	175	100	V

Pk - Peak detector

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(BB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U-NII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	*4.308	37.01	PK	33.3	-31.1	0	39.21	-	-	74	-34.79	-	-	0-360	150	H
2	*4.31	35.27	PK	33.3	-31.1	0	37.47	-	-	74	-36.53	-	-	0-360	250	V
3	7.182	33.6	PK	35.9	-28	0	41.5	-	-	-	-	68.2	-26.7	0-360	150	H
6	*11.489	28.68	PK	38.2	-22.8	0	44.08	-	-	74	-29.92	-	-	0-360	250	H
7	17.237	26.72	PK	41.6	-18.1	0	50.22	-	-	-	-	68.2	-17.98	0-360	150	H
4	7.18	32.56	PK	35.9	-28	0	40.46	-	-	-	-	68.2	-27.74	0-360	250	V
5	*11.491	28.15	PK	38.2	-22.8	0	43.55	-	-	74	-30.45	-	-	0-360	150	V
8	17.233	25.09	PK	41.6	-18.1	0	48.59	-	-	-	-	68.2	-19.61	0-360	250	V

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

PK – Peak Detector

Radiated Emissions

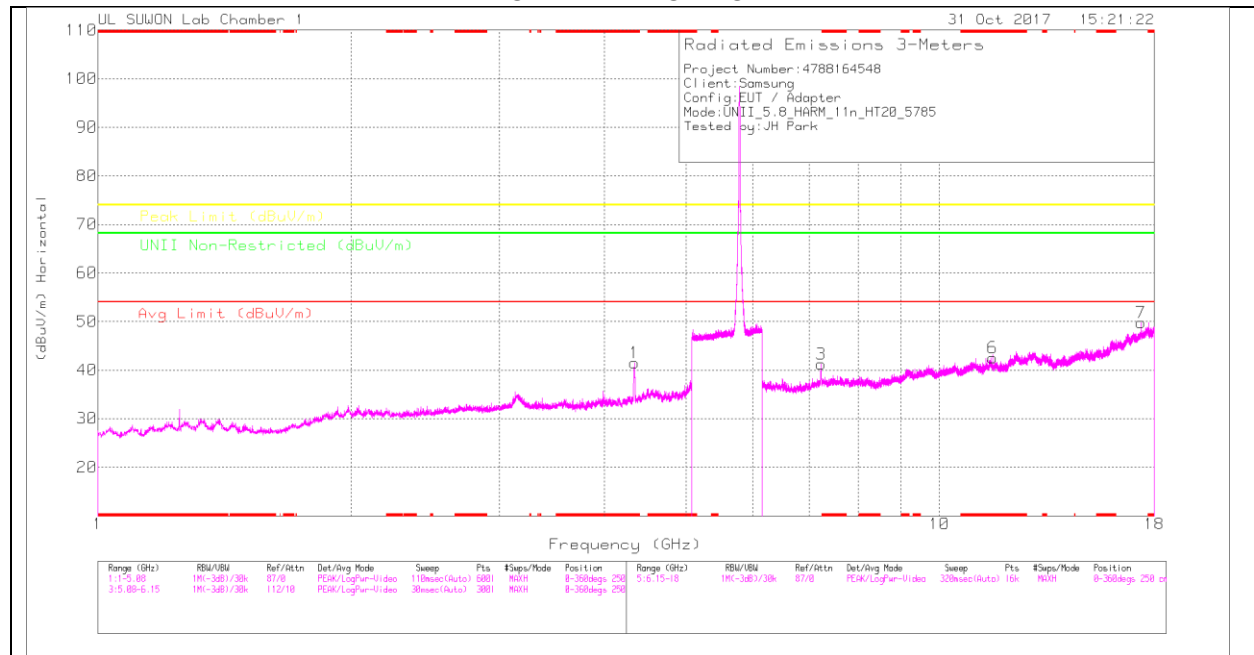
Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	5GHz_LP(BB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U-NII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
*4.311	49.59	PK-U	33.3	-31.1	0	51.79	-	-	74	-22.21	-	-	33	195	H
*4.308	38.28	ADR	33.3	-31.1	.32	40.8	54	-13.2	-	-	-	-	33	195	H
*4.309	46.92	PK-U	33.3	-31	0	49.22	-	-	74	-24.78	-	-	176	337	V
*4.308	35.88	ADR	33.3	-31.1	.32	38.4	54	-15.6	-	-	-	-	176	337	V
*11.491	26.09	ADR	38.2	-22.8	.32	41.81	54	-12.19	-	-	-	-	126	146	H
*11.491	26.78	ADR	38.2	-22.8	.32	42.5	54	-11.5	-	-	-	-	125	151	V
7.18	43.81	PK-U	35.9	-28	0	51.71	-	-	-	-	68.2	-16.49	147	177	V
7.182	43.95	PK-U	35.9	-28	0	51.85	-	-	-	-	68.2	-16.35	203	149	H
*11.489	38.44	PK-U	38.2	-22.8	0	53.84	-	-	74	-20.16	-	-	126	146	H
*11.489	39.26	PK-U	38.2	-22.8	0	54.66	-	-	74	-19.34	-	-	125	151	V
17.239	36.22	PK-U	41.6	-18.1	0	59.72	-	-	-	-	68.2	-8.48	165	213	V
17.235	40.54	PK-U	41.6	-18.1	0	64.04	-	-	-	-	68.2	-4.16	121	169	H

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

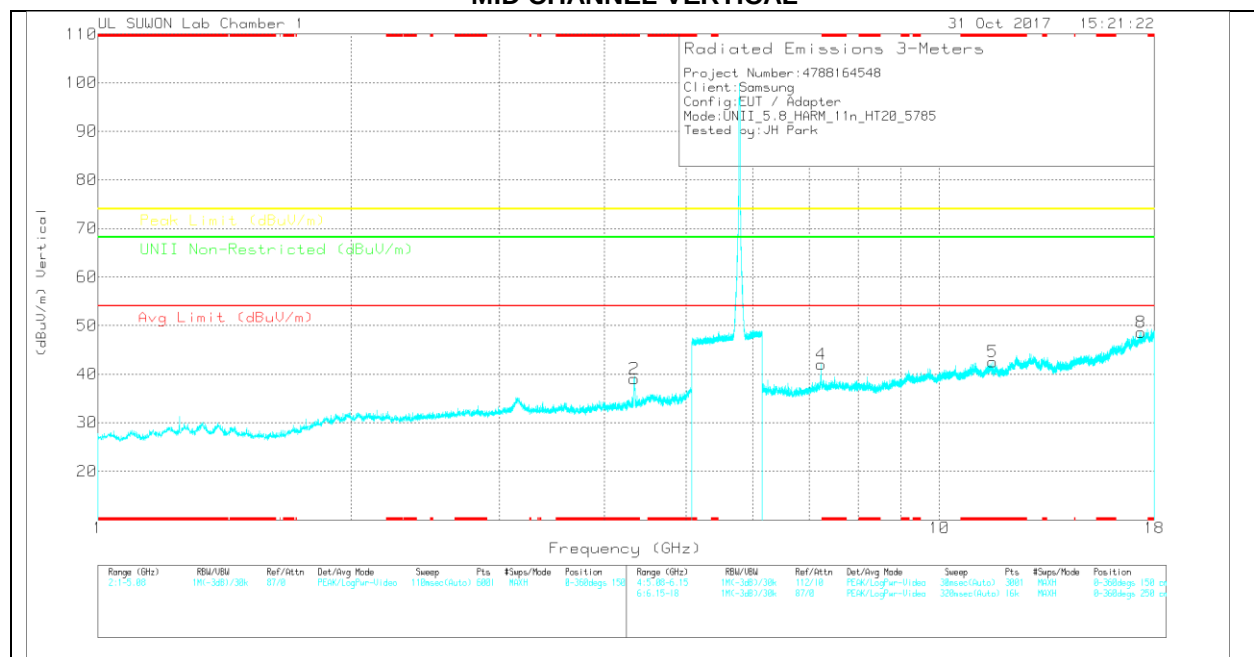
PK-U - U-NII: Maximum Peak

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 58737	5GHz_LP(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unli Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 4.339	39.49	PK	33.4	-31.4	0	41.49	-	-	74	-32.51	-	-	0-360	150	H
2	* 4.337	37.05	PK	33.4	-31.4	0	39.05	-	-	74	-34.95	-	-	0-360	250	V
3	7.229	32.81	PK	35.9	-27.5	0	41.21	-	-	-	-	68.2	-26.99	0-360	250	H
6	* 11.573	27.23	PK	38.2	-22.9	0	42.53	-	-	74	-31.47	-	-	0-360	150	H
7	17.356	26.34	PK	41.4	-18	0	49.74	-	-	-	-	68.2	-18.46	0-360	150	H
4	7.231	33.64	PK	35.9	-27.5	0	42.04	-	-	-	-	68.2	-26.16	0-360	150	V
5	* 11.57	27.26	PK	38.2	-22.9	0	42.56	-	-	74	-31.44	-	-	0-360	150	V
8	17.356	25.22	PK	41.4	-18	0	48.62	-	-	-	-	68.2	-19.58	0-360	250	V

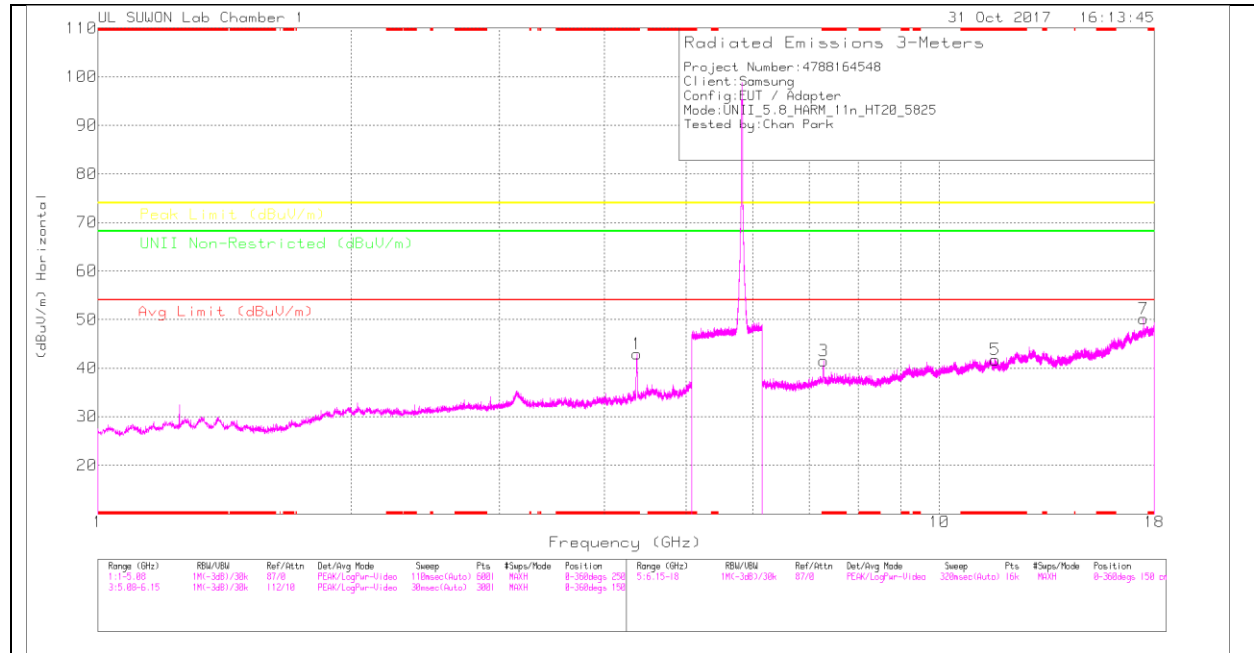
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

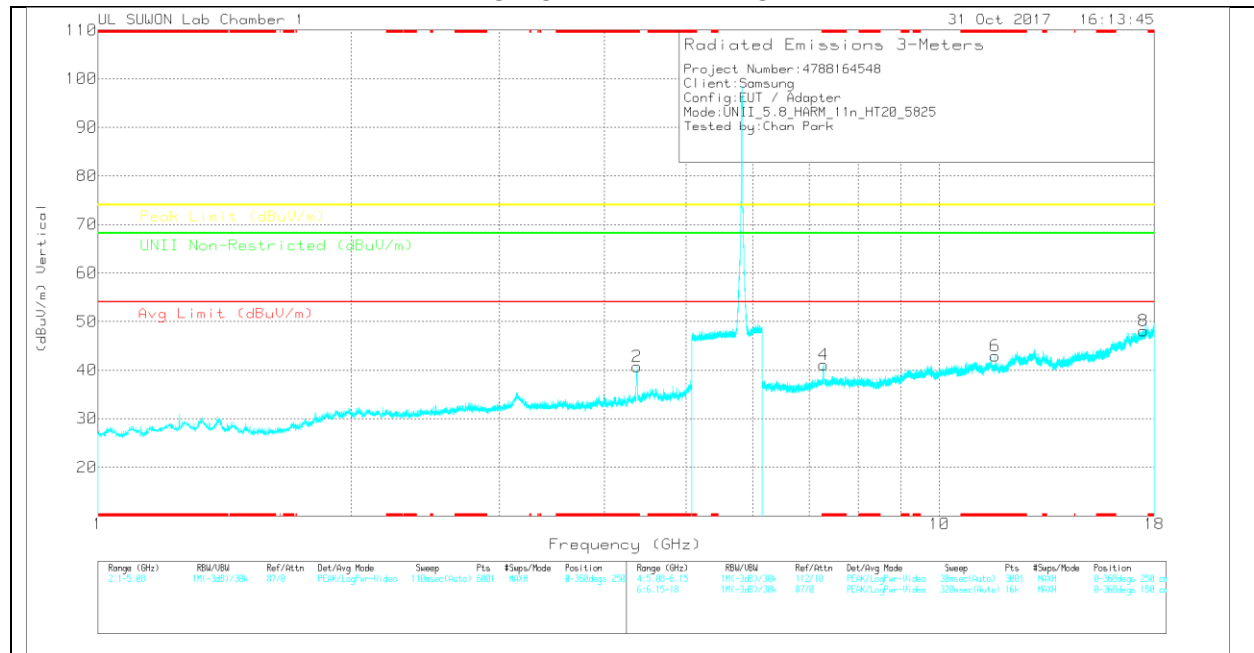
Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001587 17	5GHz_LP(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unli Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 4.338	51.25	PK-U	33.4	-31.4	0	53.25	-	-	74	-20.75	-	-	47	174	H
* 4.34	40.5	ADR	33.4	-31.4	.32	42.82	54	-11.18	-	-	-	-	47	174	H
* 4.338	49.52	PK-U	33.4	-31.4	0	51.52	-	-	74	-22.48	-	-	138	189	V
* 4.338	38.3	ADR	33.4	-31.4	.32	40.62	54	-13.38	-	-	-	-	138	189	V
7.231	43.73	PK-U	35.9	-27.4	0	52.23	-	-	-	-	68.2	-15.97	145	173	V
7.233	42.98	PK-U	35.9	-27.4	0	51.48	-	-	-	-	68.2	-16.72	206	265	H
17.353	39.52	PK-U	41.4	-18	0	62.92	-	-	-	-	68.2	-5.28	116	120	H
17.354	35.9	PK-U	41.4	-17.9	0	59.4	-	-	-	-	68.2	-8.8	149	255	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(B)_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	* 4.369	41.33	PK	33.5	-31.9	0	42.93	-	-	74	-31.07	-	-	0-360	150	H
2	* 4.371	39.09	PK	33.5	-31.9	0	40.69	-	-	74	-33.31	-	-	0-360	250	V
3	* 7.28	32.75	PK	35.9	-27.1	0	41.55	-	-	74	-32.45	-	-	0-360	250	H
5	* 11.649	25.79	PK	38.1	-22.2	0	41.69	-	-	74	-32.31	-	-	0-360	150	H
7	17.473	26.57	PK	41.3	-17.7	0	50.17	-	-	-	-	68.2	-18.03	0-360	250	H
4	* 7.279	32.29	PK	35.9	-27.1	0	41.09	-	-	74	-32.91	-	-	0-360	150	V
6	* 11.644	27	PK	38.1	-22.2	0	42.9	-	-	74	-31.1	-	-	0-360	150	V
8	17.471	24.36	PK	41.3	-17.6	0	48.06	-	-	-	-	68.2	-20.14	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)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 4.371	52.1	PK-U	33.5	-31.9	0	53.7	-	-	74	-20.3	-	-	46	188	H
* 4.369	41.6	ADR	33.5	-31.9	.32	43.34	54	-10.46	-	-	-	-	46	188	H
* 4.371	50.89	PK-U	33.5	-31.9	0	52.49	-	-	74	-21.51	-	-	150	181	V
* 4.369	39.54	ADR	33.5	-31.9	.32	41.46	54	-12.54	-	-	-	-	150	181	V
* 7.281	32.06	ADR	35.9	-27.1	.32	41.18	54	-12.82	-	-	-	-	195	144	H
* 7.281	32.49	ADR	35.9	-27.1	.32	41.61	54	-12.39	-	-	-	-	141	187	V
* 7.28	43.16	PK-U	35.9	-27.1	0	51.96	-	-	74	-22.04	-	-	195	144	H
17.475	39.53	PK-U	41.2	-17.7	0	63.03	-	-	-	-	68.2	-5.17	131	132	H
* 7.28	44.13	PK-U	35.9	-27.1	0	52.93	-	-	74	-21.07	-	-	141	187	V
17.478	36.15	PK-U	41.2	-17.7	0	59.65	-	-	-	-	68.2	-8.55	188	219	V

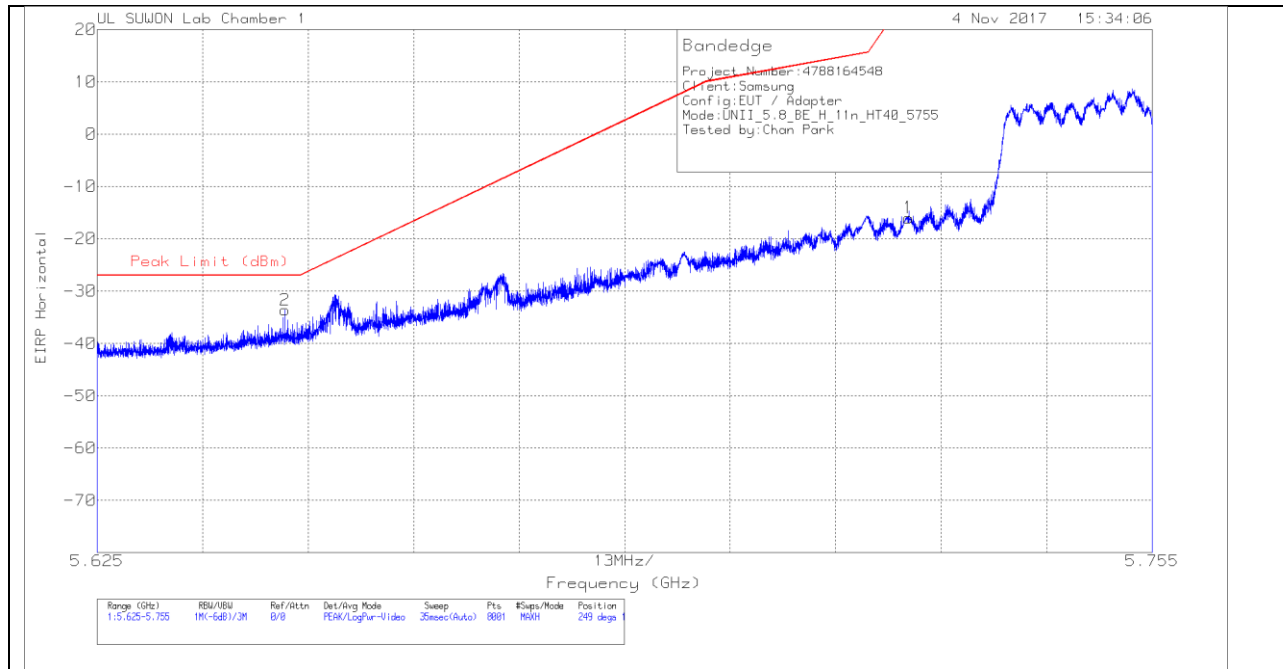
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.4.3.TX ABOVE 1GHz 802.11n HT40 2Tx CDD MODE IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT



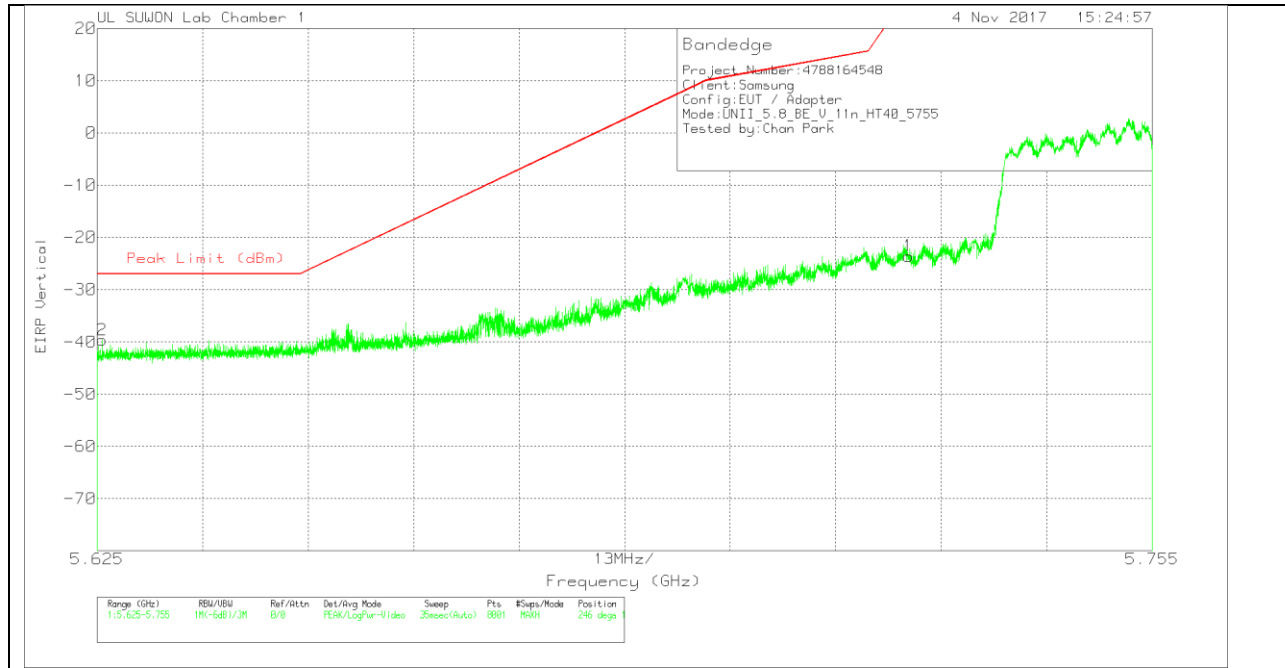
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	20170531_3117_00168717	10dB_ATT(dB)_1 70809	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-41.08	Pk			11.8	0	-15.98	-26.97	-42.95	249	123	H
2	5.648	-58.63	Pk			11.8	0	-33.63	-27	-6.63	249	123	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

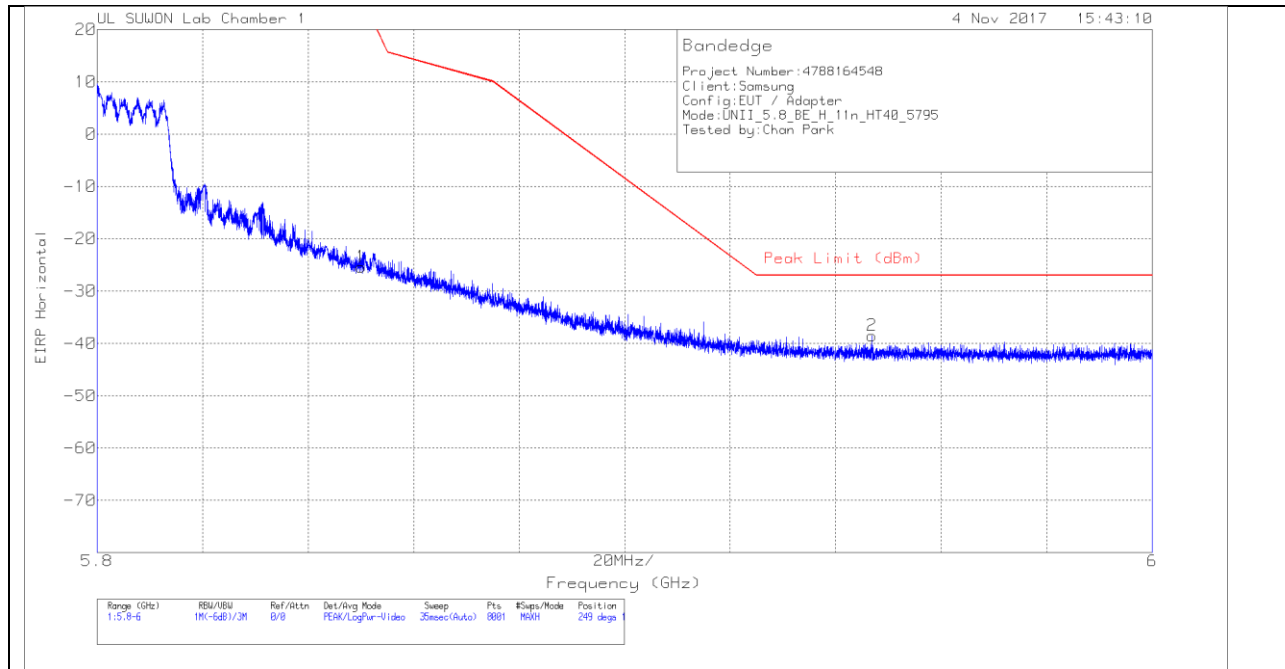
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	20170531_3117_00168717	10dB_ATT(dB)_1 70809	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-48.65	Pk	34.5	-21.2	11.8	0	-23.55	26.97	-50.52	246	141	V
2	5.626	-64.55	Pk	34.4	-21.3	11.8	0	-39.65	-27	-12.65	246	141	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



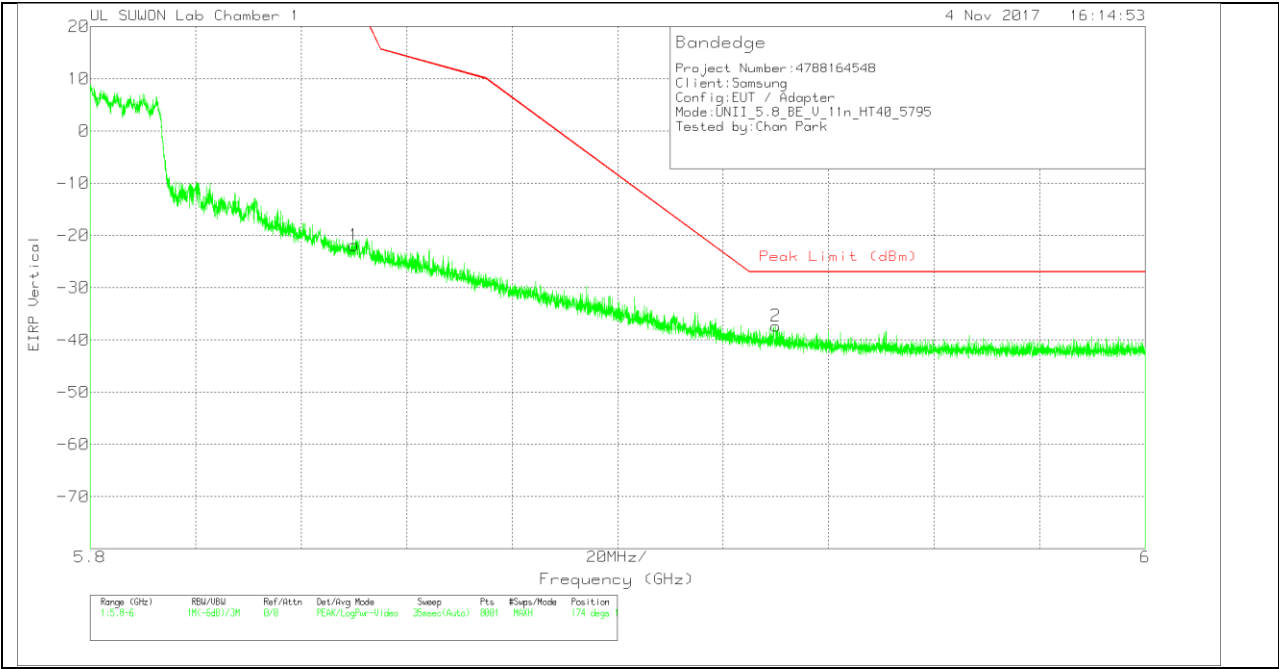
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	20170531_3117_00168717	10dB_ATT(dB)_1 70809	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-50.59	Pk	34.5	-21.1	11.8	0	-25.39	26.94	-52.33	249	145	H
2	5.947	-63.88	Pk	34.6	-21	11.8	0	-38.48	-27	-11.48	249	145	H

Pk - Peak detector

VERTICAL PEAK PLOT



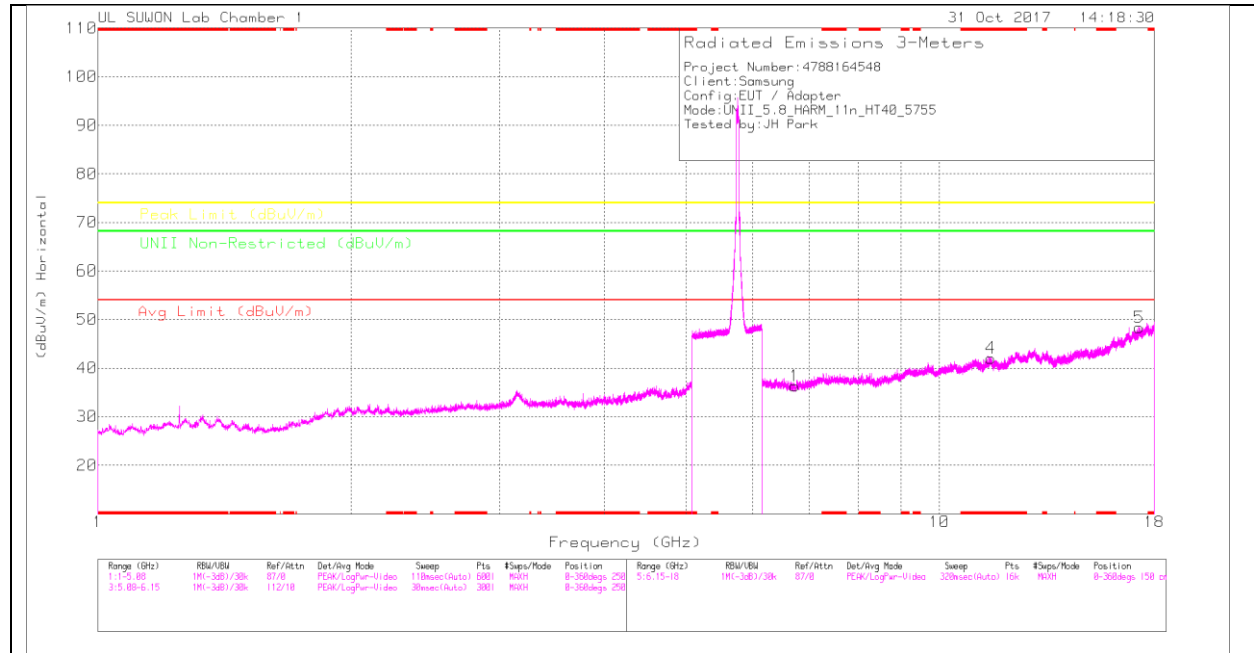
VERTICAL DATA

Trace Markers

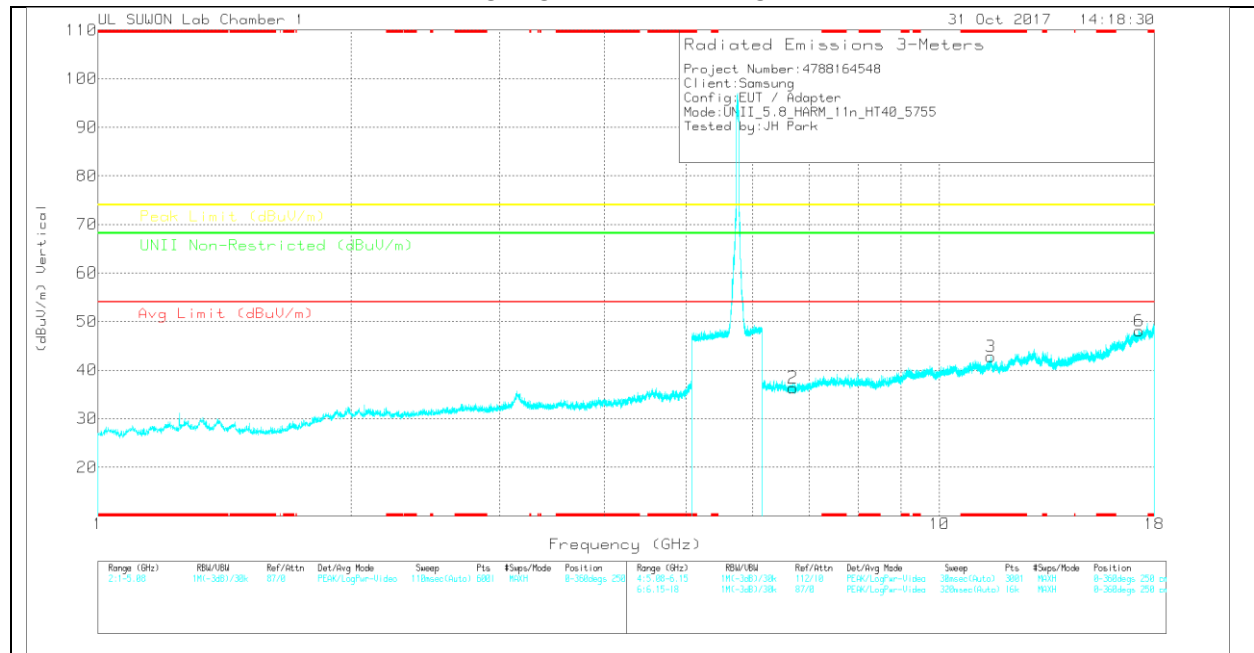
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	20170531_3117_00168717	10dB_ATT(dB)_1 70809	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-47.05	Pk	34.5	-21.1	11.8	0	-21.85	26.94	-48.79	174	104	V
2	5.93	-62.72	Pk	34.6	-21	11.8	0	-37.32	-27	-10.32	174	104	V

Pk - Peak detector

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

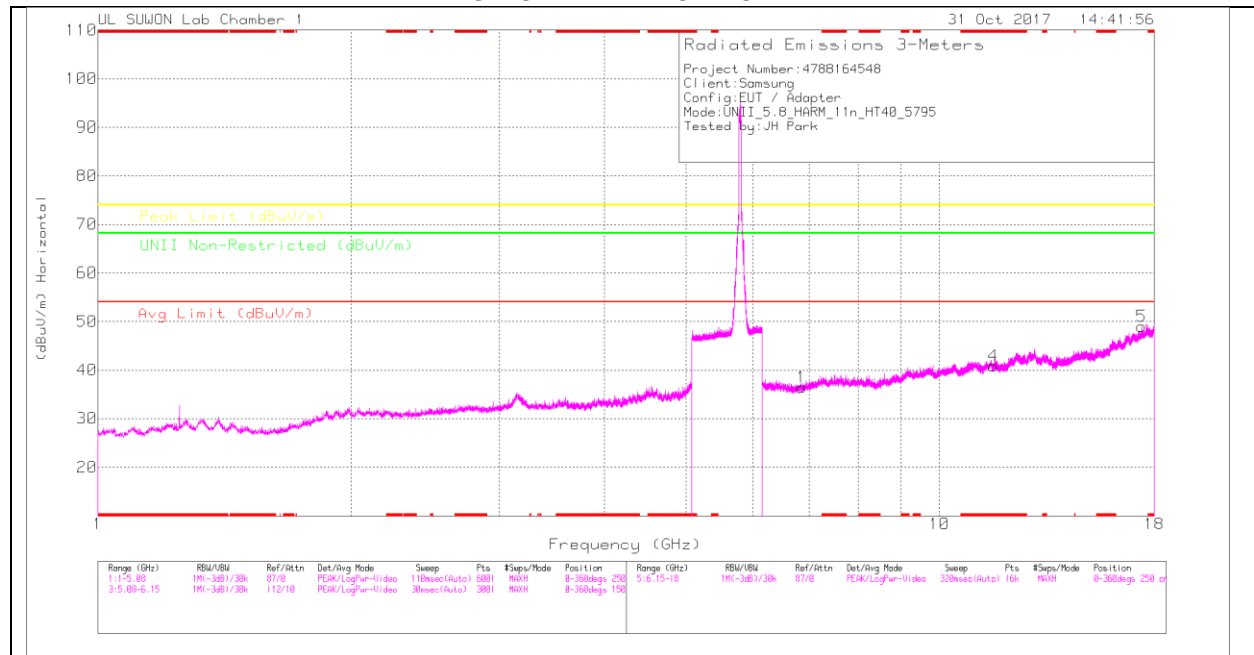
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	2017031_3117_001 68717	50Hz_HP(dB)_17080 9	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	6.734	29.97	PK	35.3	-28.9	0	36.37	-	-	-	-	68.2	-31.83	0-360	150	H
4	* 11.511	26.67	PK	38.2	-22.8	0	42.07	-	-	74	-31.93	-	-	0-360	150	H
5	17.265	24.69	PK	41.5	-17.8	0	48.39	-	-	-	-	68.2	-19.81	0-360	150	H
2	6.697	30.08	PK	35.2	-28.9	0	36.38	-	-	-	-	68.2	-31.82	0-360	250	V
3	* 11.513	27.39	PK	38.2	-22.8	0	42.79	-	-	74	-31.21	-	-	0-360	150	V
6	17.271	24.44	PK	41.5	-17.8	0	48.14	-	-	-	-	68.2	-20.06	0-360	250	V

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

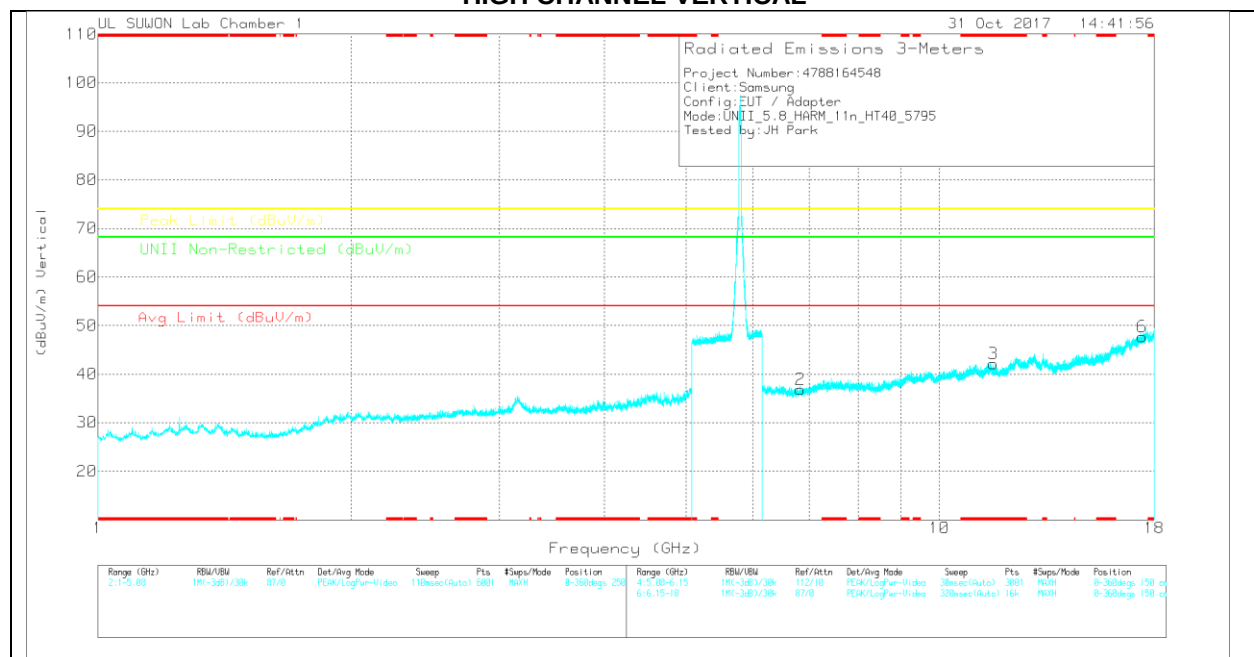
PK – Peak Detector

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001 68717	6GHz_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	6.861	29.44	PK	35.4	-28.4	0	36.44	-	-	-	-	68.2	-31.76	0-360	150	H
4	*11.589	25.48	PK	38.2	-22.8	0	40.88	-	-	74	-33.12	-	-	0-360	150	H
5	17.399	25.59	PK	41.3	-17.9	0	48.99	-	-	-	-	68.2	-19.21	0-360	150	H
2	6.838	29.75	PK	35.4	-28.3	0	36.85	-	-	-	-	68.2	-31.35	0-360	250	V
3	*11.586	26.77	PK	38.2	-22.8	0	42.17	-	-	74	-31.83	-	-	0-360	150	V
6	17.405	24.27	PK	41.3	-17.9	0	47.67	-	-	-	-	68.2	-20.53	0-360	150	V

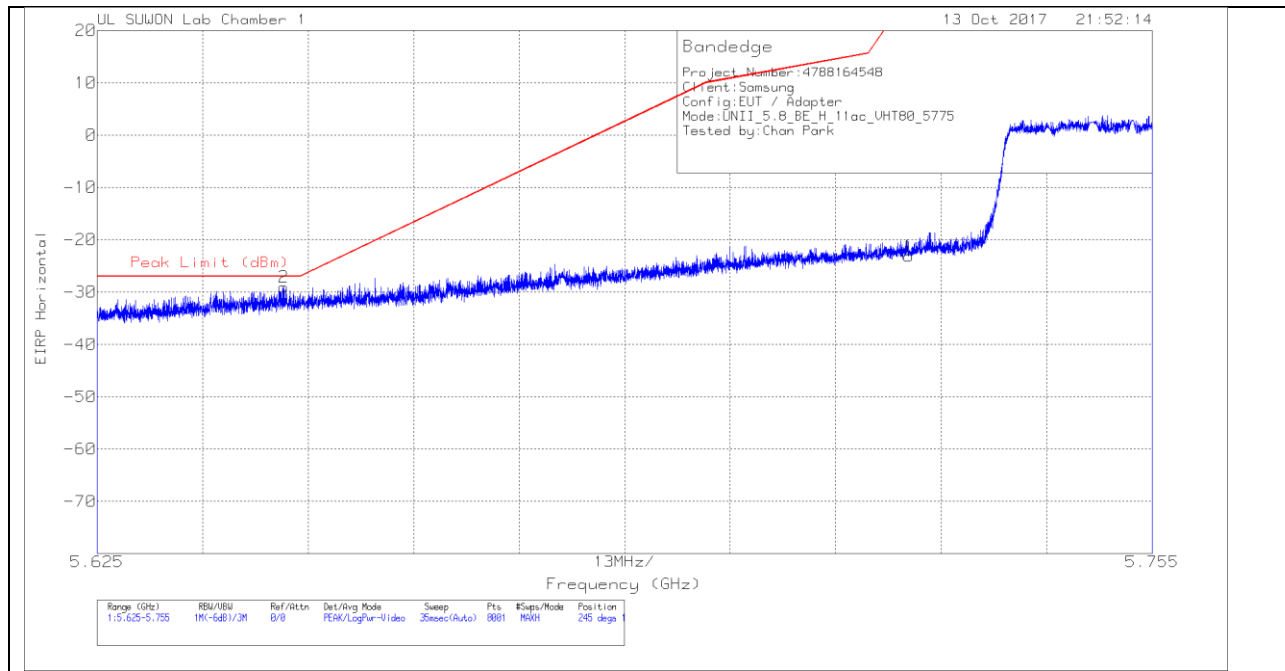
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

10.4.4. TX ABOVE 1GHz 802.11ac VHT80 2Tx CDD MODE IN THE 5.8GHz BAND BANDEDGE (Lower side)

HORIZONTAL PEAK PLOT



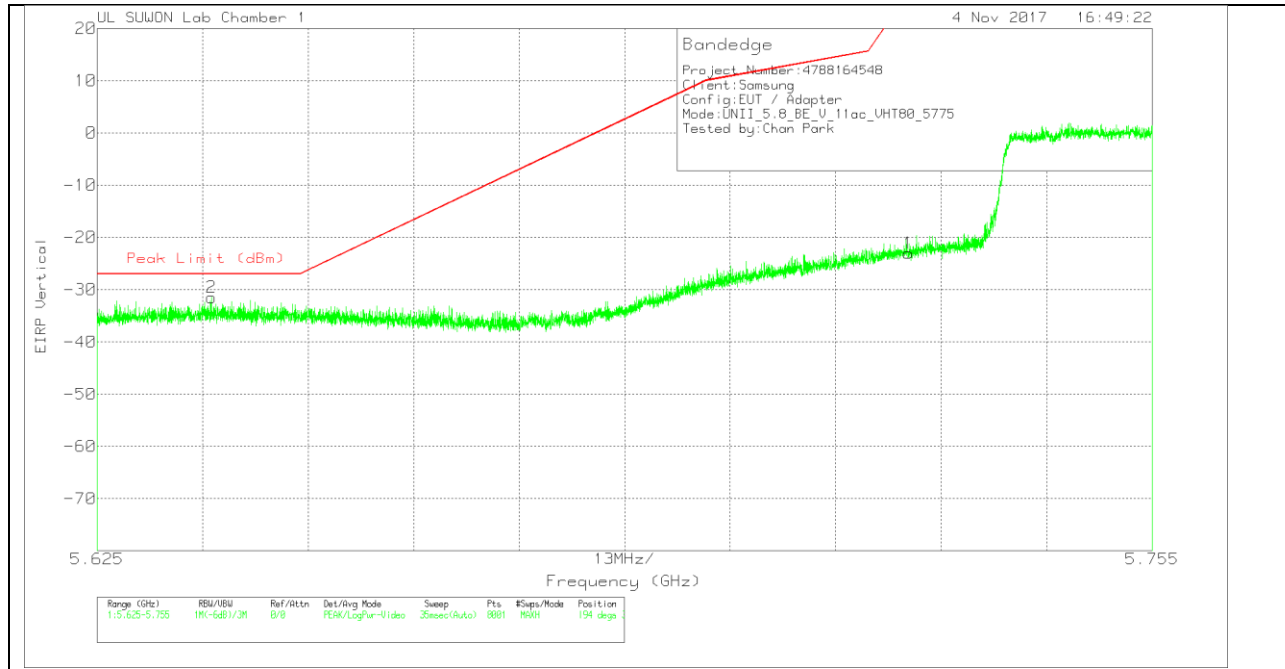
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	20170531_3117_00168717	10dB_ATT(dB)_1 70809	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-48.26	Pk	34.5	-21.2	11.8	0	-23.16	26.97	-50.13	245	127	H
2	5.648	-54.03	Pk	34.4	-21.2	11.8	0	-29.03	-27	-2.03	245	127	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

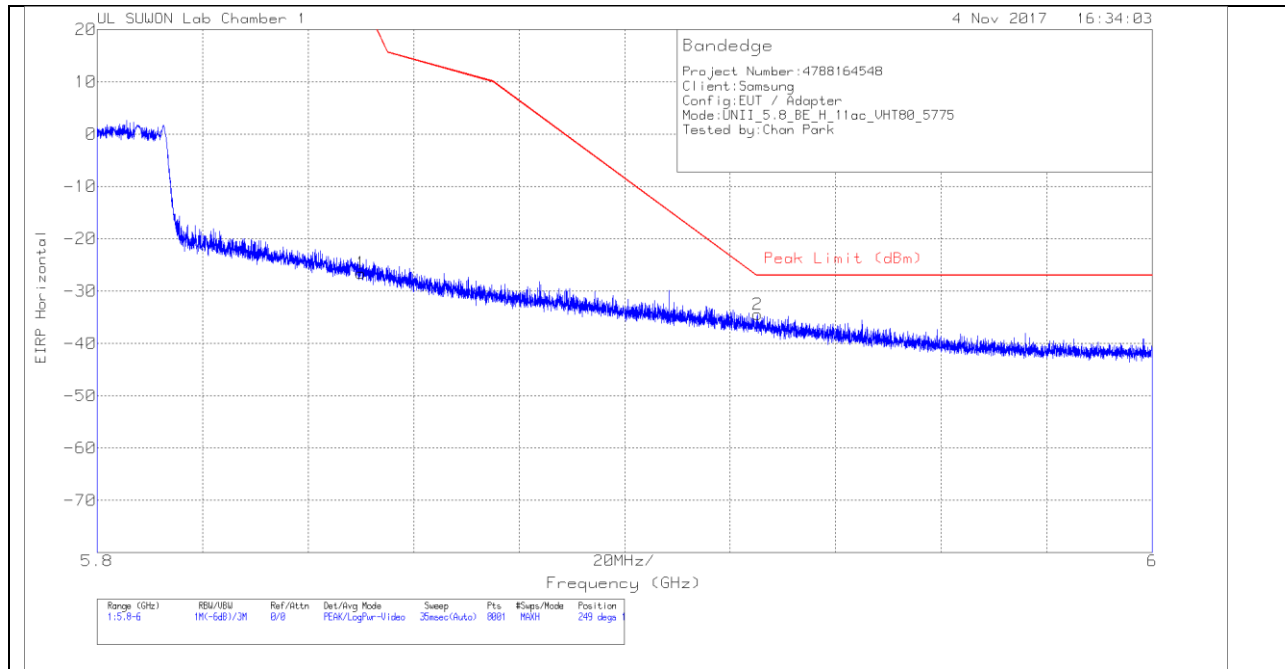
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	20170531_3117_00168717	10dB_ATT(dB)_1 70809	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-48.12	Pk	34.5	-21.2	11.8	0	-23.02	26.97	-49.99	194	375	V
2	5.639	-56.48	Pk	34.4	-21.2	11.8	0	-31.48	-27	-4.48	194	375	V

Pk - Peak detector

BANDEDGE (Upper side)

HORIZONTAL PEAK PLOT



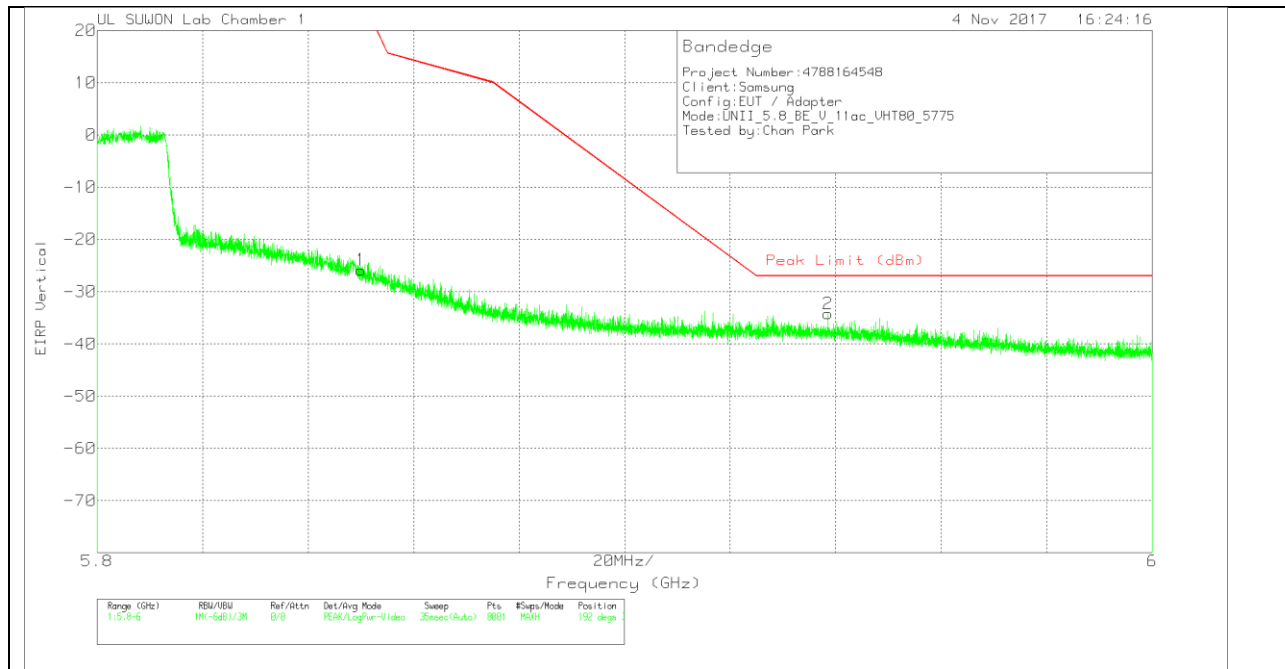
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	20170531_3117_00168717	10dB_ATT(dB)_1 70809	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-51.79	Pk	34.5	-21.1	11.8	0	-26.59	26.94	-53.53	249	141	H
2	5.925	-59.87	Pk	34.6	-21	11.8	0	-34.47	-27	-7.47	249	141	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	20170531_3117_00168717	10dB_ATT(dB)_1 70809	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-51.05	Pk	34.5	-21.1	11.8	0	-25.85	26.94	-52.79	192	364	V
2	5.939	-59.6	Pk	34.6	-21	11.8	0	-34.2	-27	-7.2	192	364	V

Pk - Peak detector