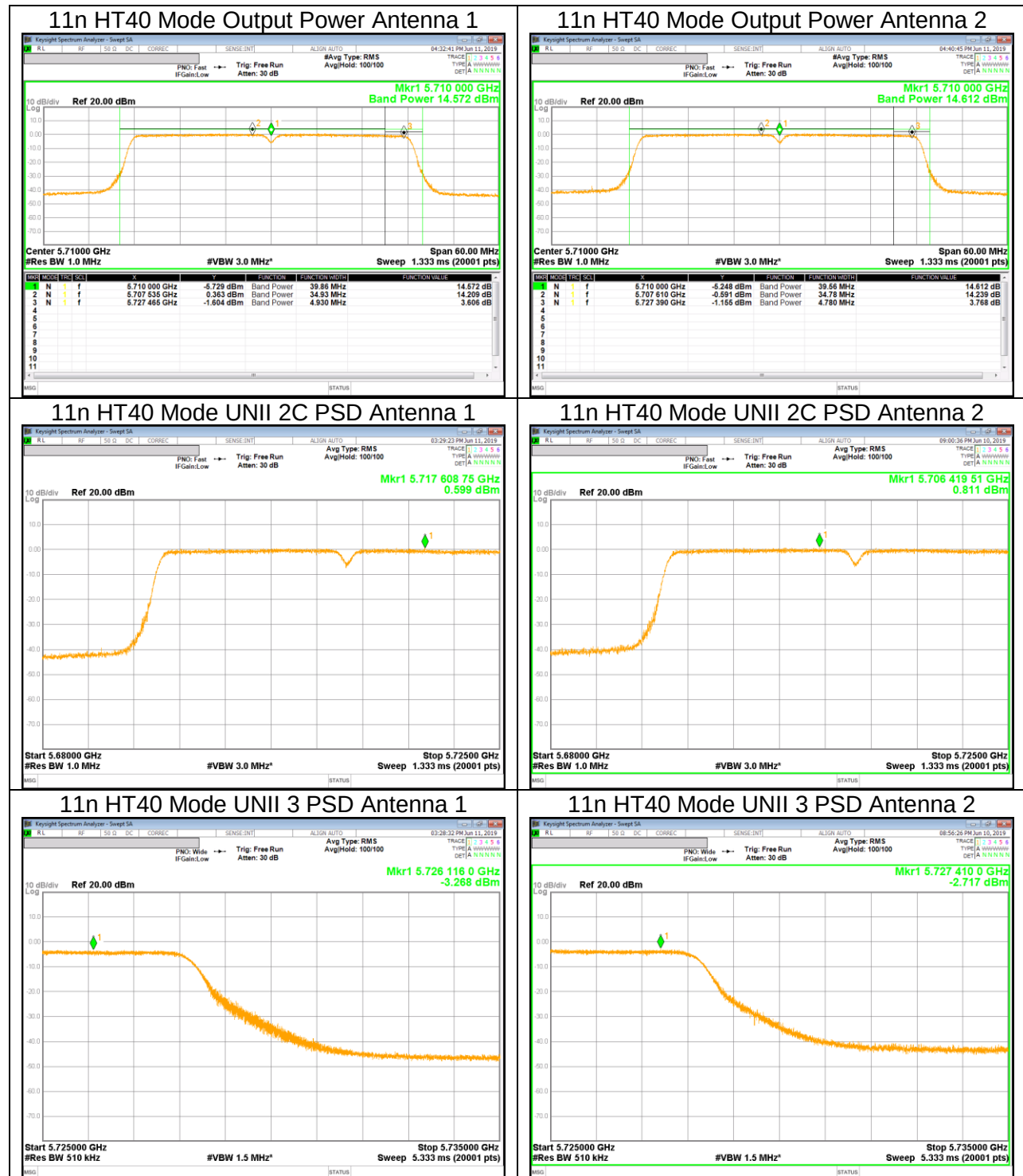
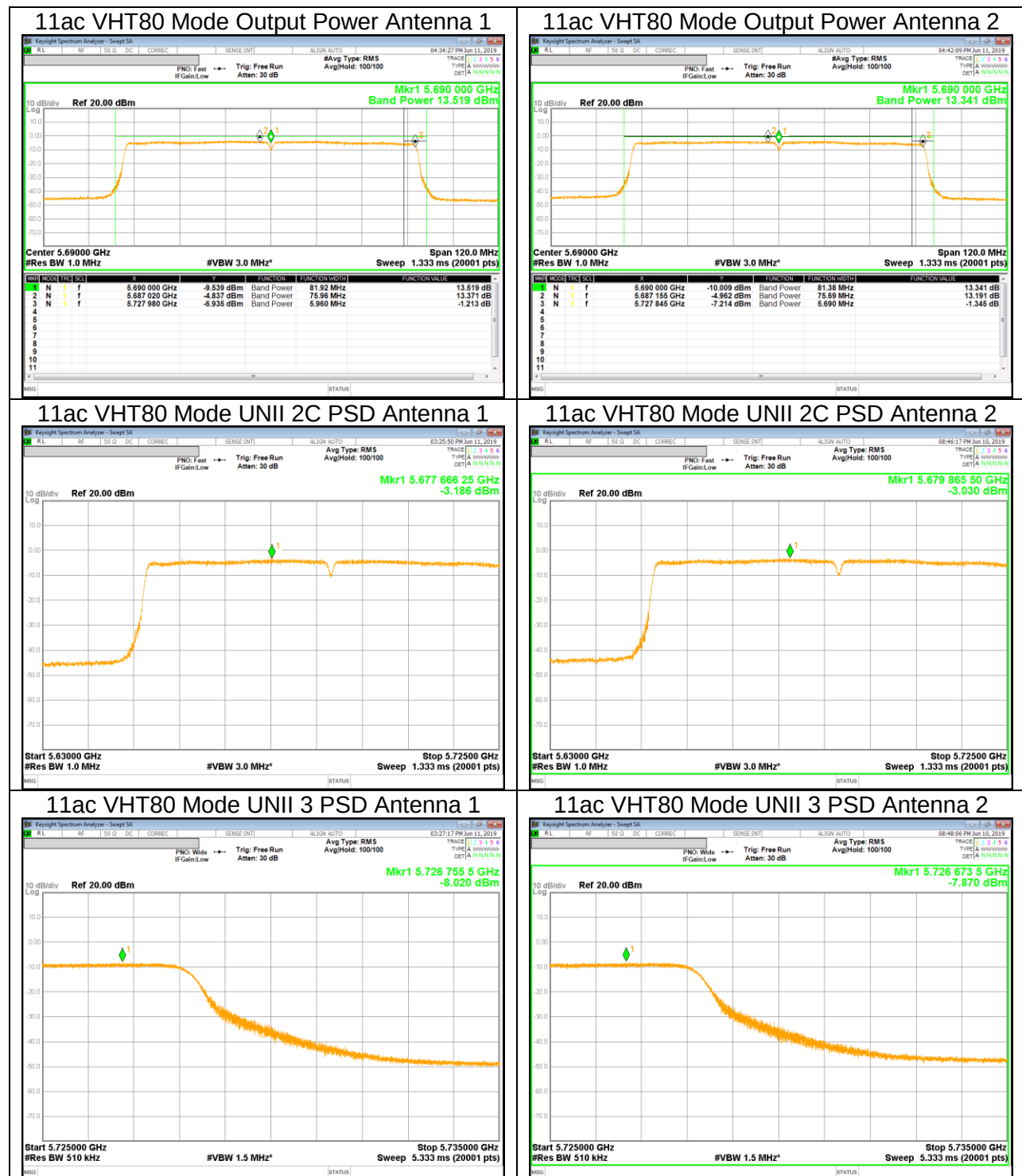


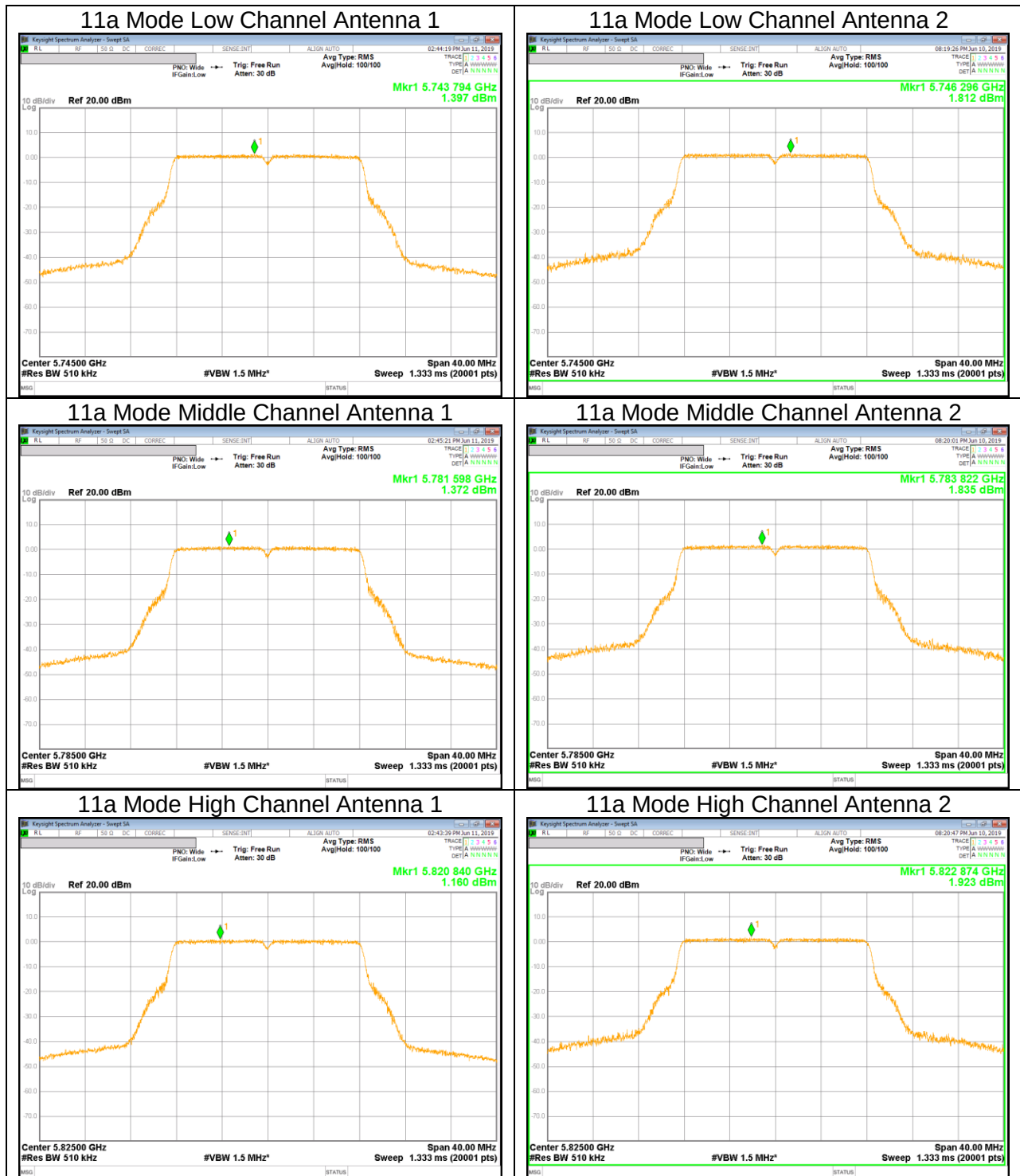
UNII Straddle Ch. IEEE 802.11n HT40 mode Ourput Power and PSD



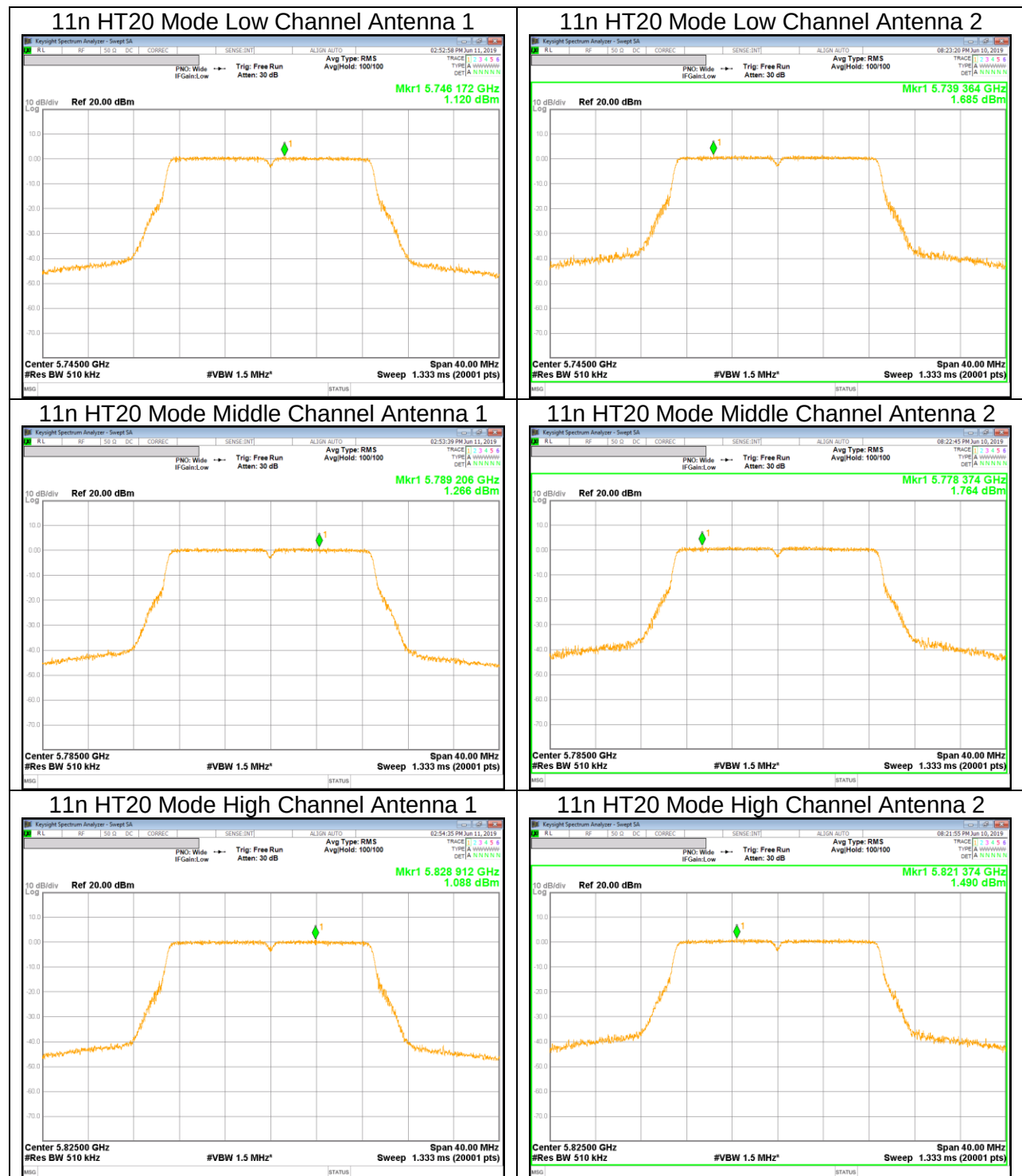
UNII Straddle Ch. IEEE 802.11ac VHT80 mode Ourput Power and PSD



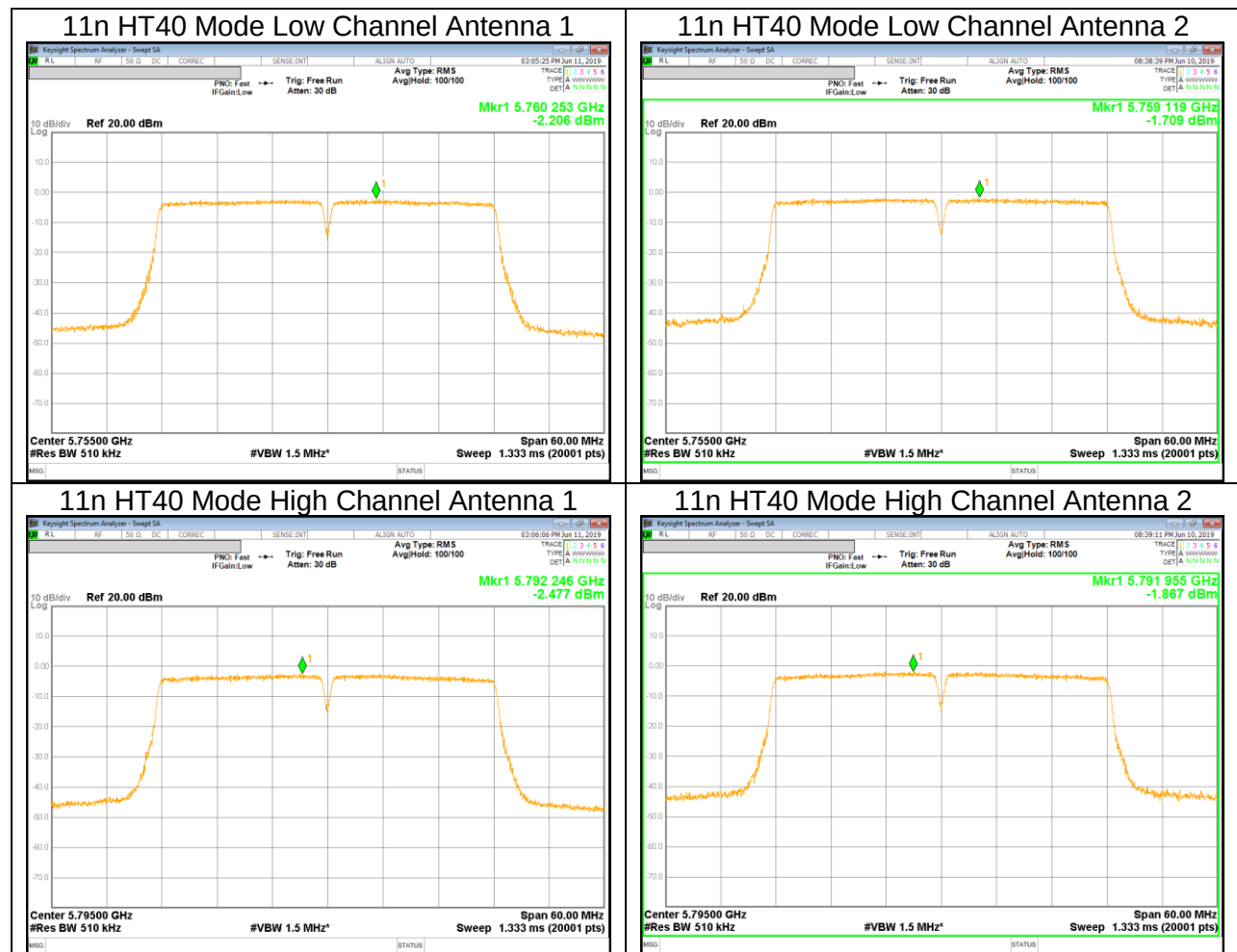
UNII 5.8 GHz IEEE 802.11a mode PSD



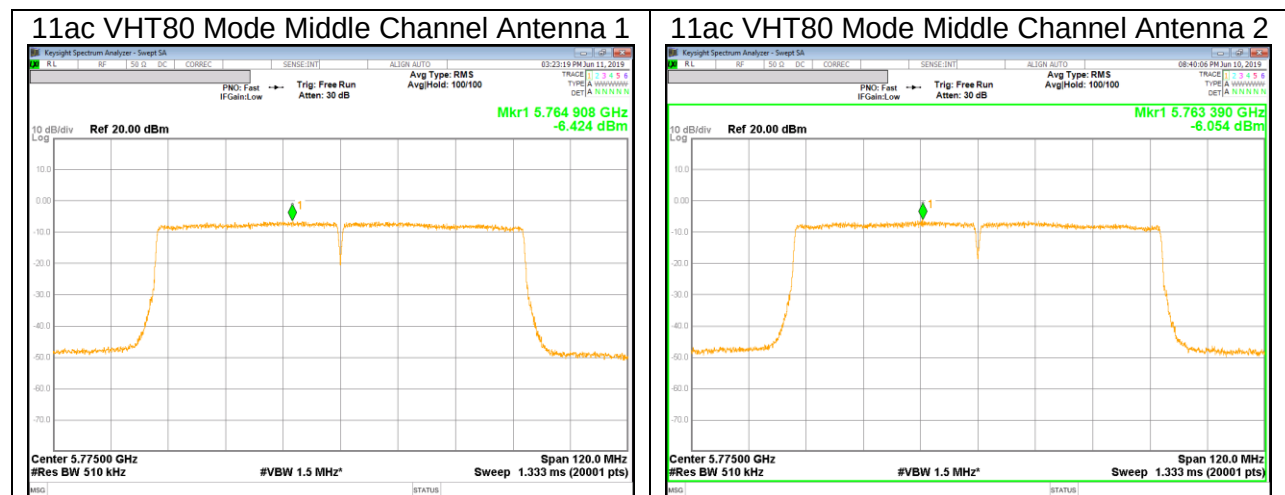
UNII 5.8 GHz IEEE 802.11n HT20 mode mode PSD



UNII 5.8 GHz IEEE 802.11n HT40 mode mode PSD



UNII 5.8 GHz IEEE 802.11ac VHT80 mode mode PSD



11. TRANSMITTER ABOVE 1 GHz

LIMITS

FCC §15.205 and §15.209

Limits for radiated disturbance of an intentional radiator		
Frequency range (MHz)	Limits (μV/m)	Measurement Distance (m)
0.009 – 0.490	2400 / F (kHz)	300
0.490 – 1.705	24000 / F (kHz)	30
1.705 – 30.0	30	30
30 – 88	100**	3
88 - 216	150**	3
216 – 960	200**	3
Above 960	500	3

** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g. §§ 15.231 and 15.241.

FCC §15.407 (b)

(b) Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (4) For transmitters operating in the 5.725-5.85 GHz band:
 - (i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
- (5) The emission measurements shall be performed using a minimum resolution bandwidth of

- 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary,
provided the measured energy is integrated to show the total power over 1 MHz.
- (6) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in §15.207.
- (7) The provisions of §15.205 apply to intentional radiators operating under this section.
- (8) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the upper and lower frequency band edges as the design of the equipment permits.

Note

- Limit translation to field strength level (FCC §15.407)

$$E[\text{dBuV/m}] = \text{EIRP}[\text{dBm}] + 95.2 = -27\text{dBm} + 95.2 = 68.2\text{dBuV/m}$$

$$E[\text{dBuV/m}] = \text{EIRP}[\text{dBm}] + 95.2 = -17\text{dBm} + 95.2 = 78.2\text{dBuV/m}$$

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for below 1GHz and 150 cm for above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

Reference to KDB 789033 D02 v02r01 UNII part G) 6) c) Method AD:

For measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and add duty cycle factor to the reading offset for average measurements.

Pre-scans to detect harmonic and spurious emissions, the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz for peak measurements.

The spectrum from 1GHz to 40 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band.

(From 30MHz to 1GHz, test was performed with the EUT set to transmit at the channel with highest output power)

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

Note : Emission was pre-scanned from 9KHz to 30MHz; No emissions were detected which was at least 20dB below the specification limit (consider distance correction factor).

Per FCC part 15.31(o), test results were not reported.

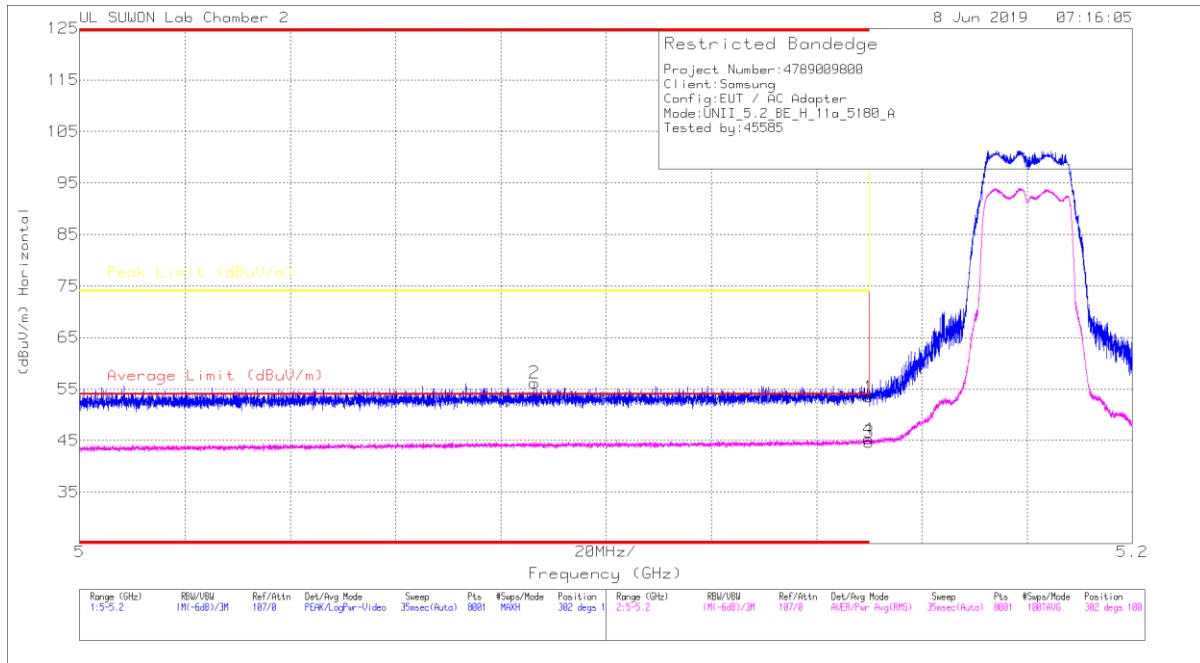
Although these tests were performed other than open field test site, adequate comparison measurements were confirmed against 30 m open are test site.

Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the one of tests made in an open field based on KDB 414788.

11.1. 5.2 GHz

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

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

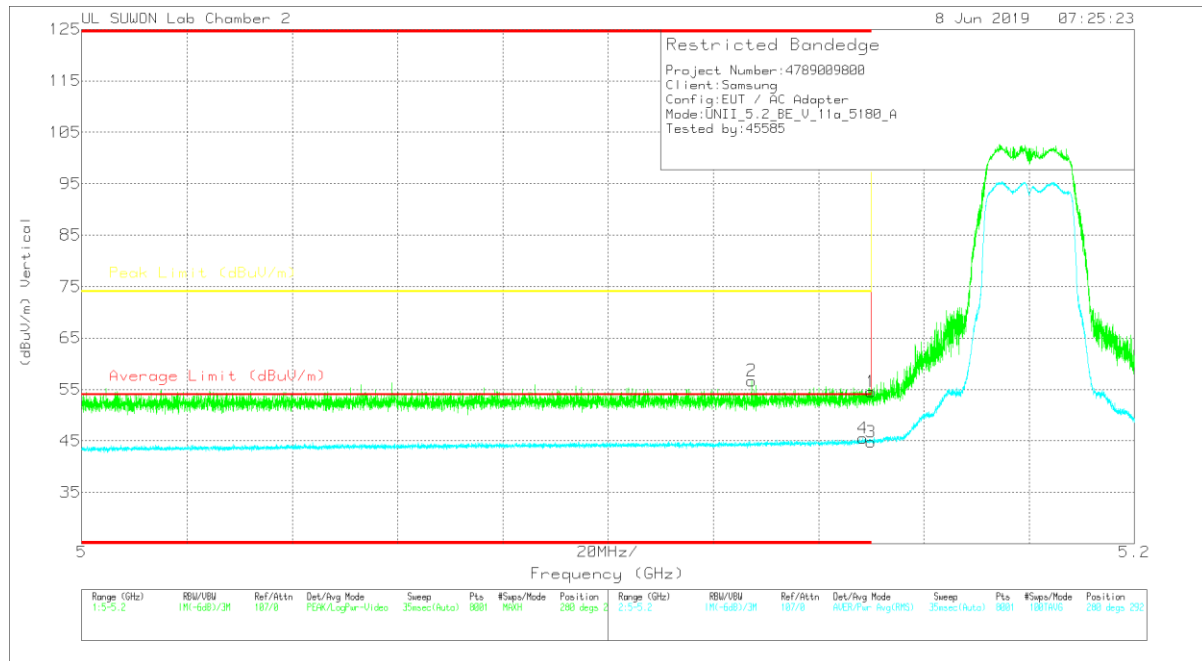
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	5.15	37.36	Pk	34.3	-18.2	0	53.46	-	-	74	-20.54	302	100	H
2	* 5.086	40.1	Pk	34.2	-18.1	0	56.2	-	-	74	-17.8	302	100	H
3	5.15	27.7	RMS	34.3	-17.3	0	44.7	54	-9.3	-	-	302	100	H
4	* 5.15	28.27	RMS	34.3	-17.3	0	45.27	54	-8.73	-	-	302	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	5.15	38.48	Pk	34.3	-18.2	0	54.58	-	-	74	-19.42	280	292	V
2	* 5.127	40.68	Pk	34.2	-18.2	0	56.68	-	-	74	-17.32	280	292	V
3	5.15	27.76	RMS	34.3	-17.3	0	44.76	54	-9.24	-	-	280	292	V
4	* 5.148	28.51	RMS	34.3	-17.3	0	45.51	54	-8.49	-	-	280	292	V

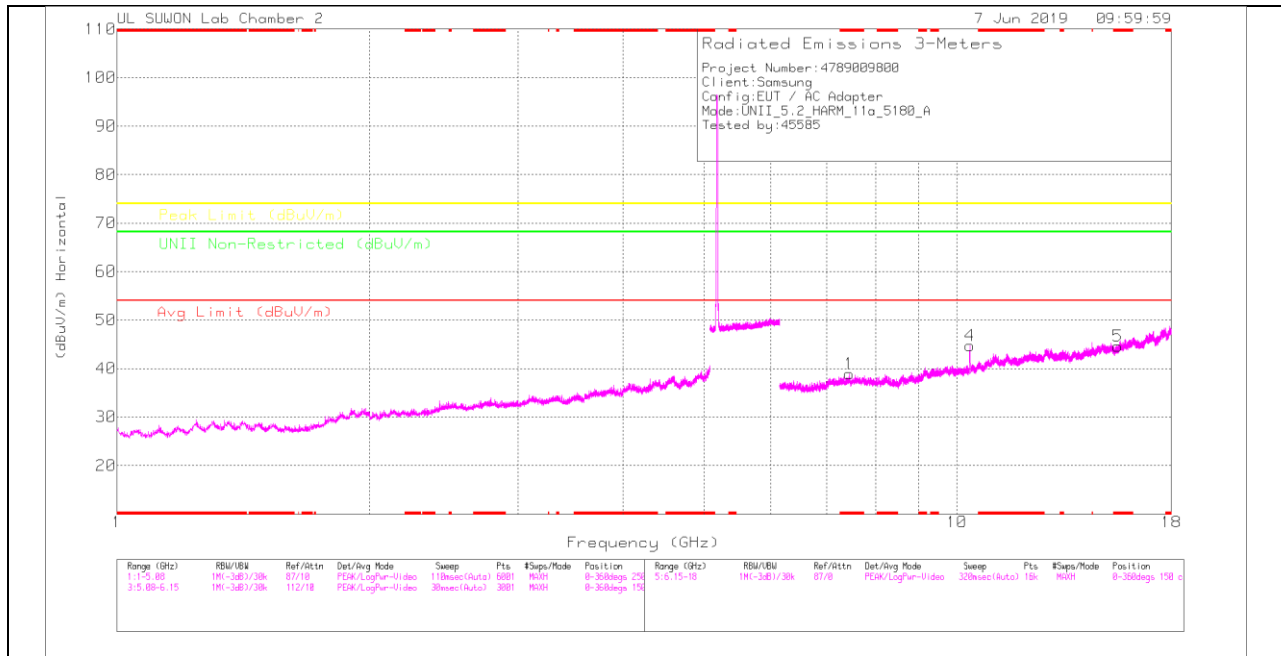
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

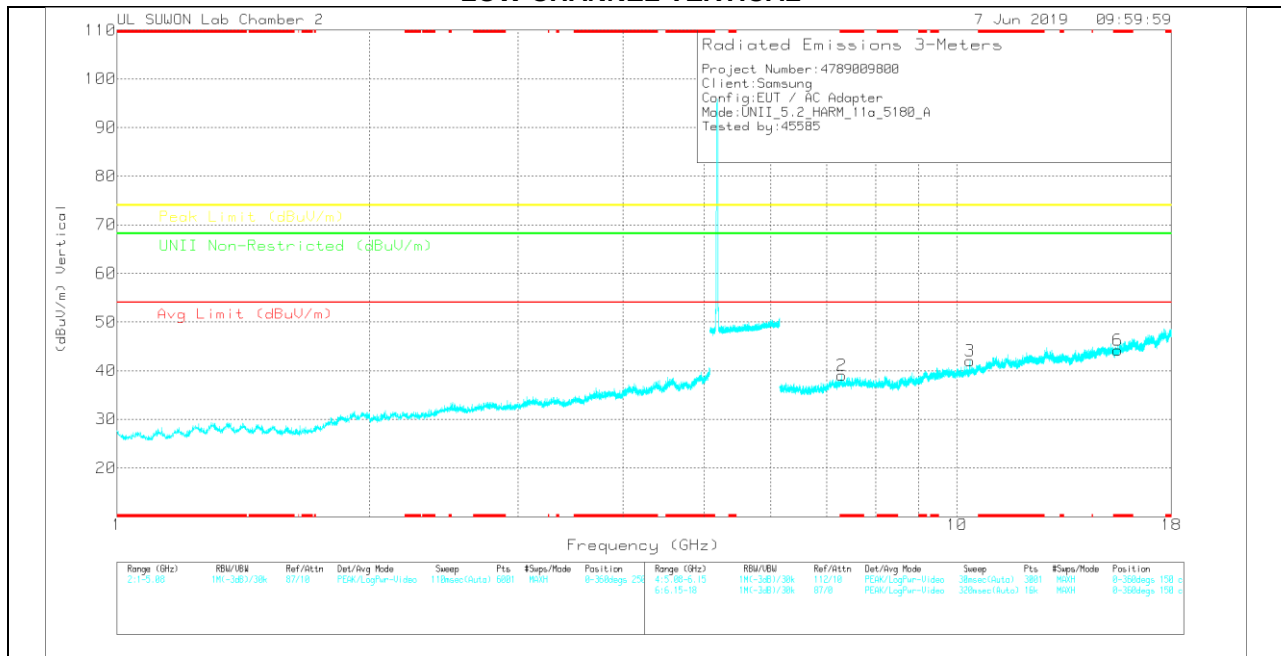
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.442	27.09	PK	36.2	-24.4	0	38.89	-	-	74	-35.11	-	-	0-360	150	H
4	10.356	28.37	PK	37.5	-21.1	0	44.77	-	-	-	-	68.2	-23.43	0-360	150	H
5	* 15.539	24.53	PK	39.9	-19.8	0	44.63	-	-	74	-29.37	-	-	0-360	250	H
2	* 7.293	27.9	PK	36.2	-25.1	0	39	-	-	74	-35	-	-	0-360	250	V
3	10.359	25.46	PK	37.5	-21	0	41.96	-	-	-	-	68.2	-26.24	0-360	150	V
6	* 15.541	24.06	PK	39.9	-19.7	0	44.26	-	-	74	-29.74	-	-	0-360	150	V

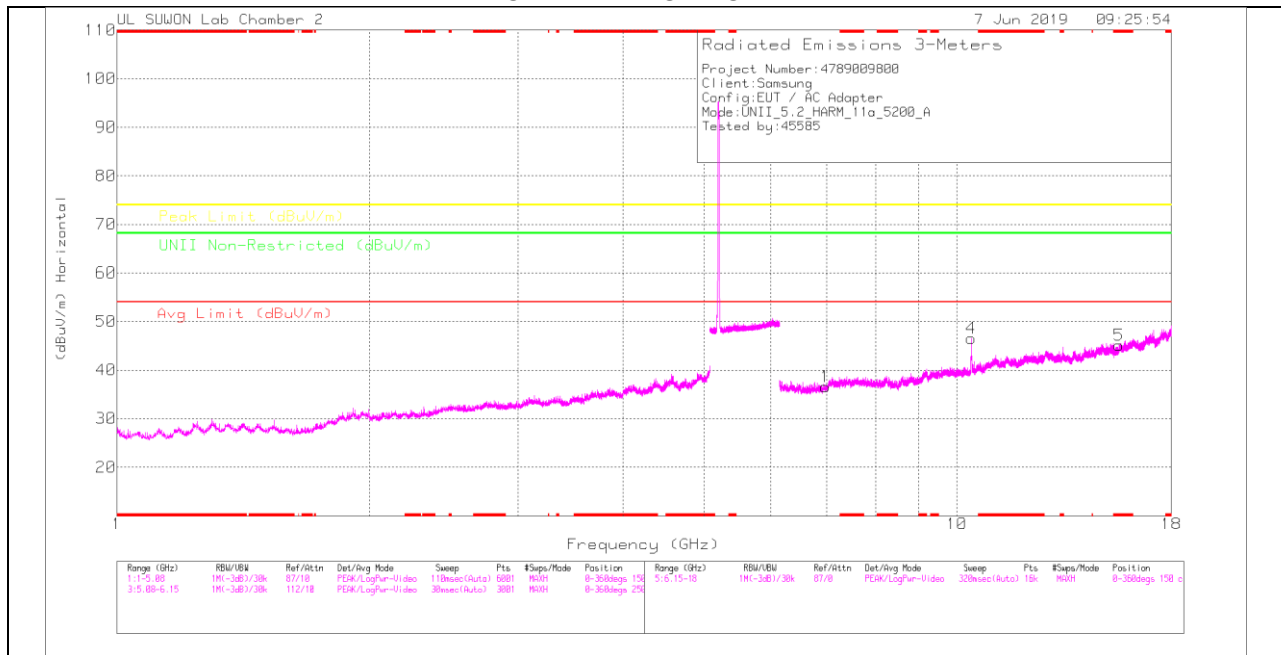
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

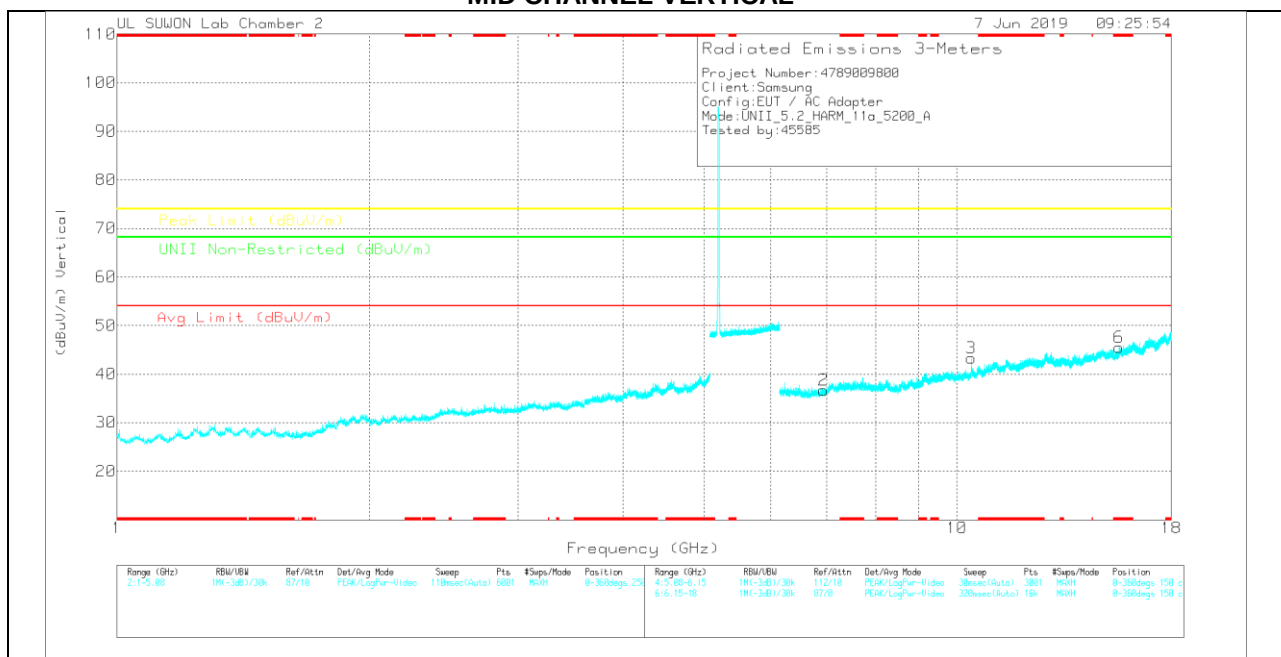
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.365	40.08	PK-U	37.6	-21.1	0	56.58	-	-	-	-	68.2	-11.62	158	247	H
10.359	36	PK-U	37.5	-21	0	52.5	-	-	-	-	68.2	-15.7	137	165	V

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

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	6.972	26.43	PK	35.8	-25.6	0	36.63	-	-	-	-	68.2	-31.57	0-360	250	H
4	10.401	29.91	PK	37.6	-21	0	46.51	-	-	-	-	68.2	-21.69	0-360	250	H
5	* 15.601	24.96	PK	40	-19.8	0	45.16	-	-	74	-28.84	-	-	0-360	150	H
2	6.937	26.27	PK	35.7	-25.3	0	36.67	-	-	-	-	68.2	-31.53	0-360	150	V
3	10.399	26.66	PK	37.6	-20.9	0	43.36	-	-	-	-	68.2	-24.84	0-360	150	V
6	* 15.6	25.35	PK	40	-19.8	0	45.55	-	-	74	-28.45	-	-	0-360	250	V

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

PK – Peak Detector

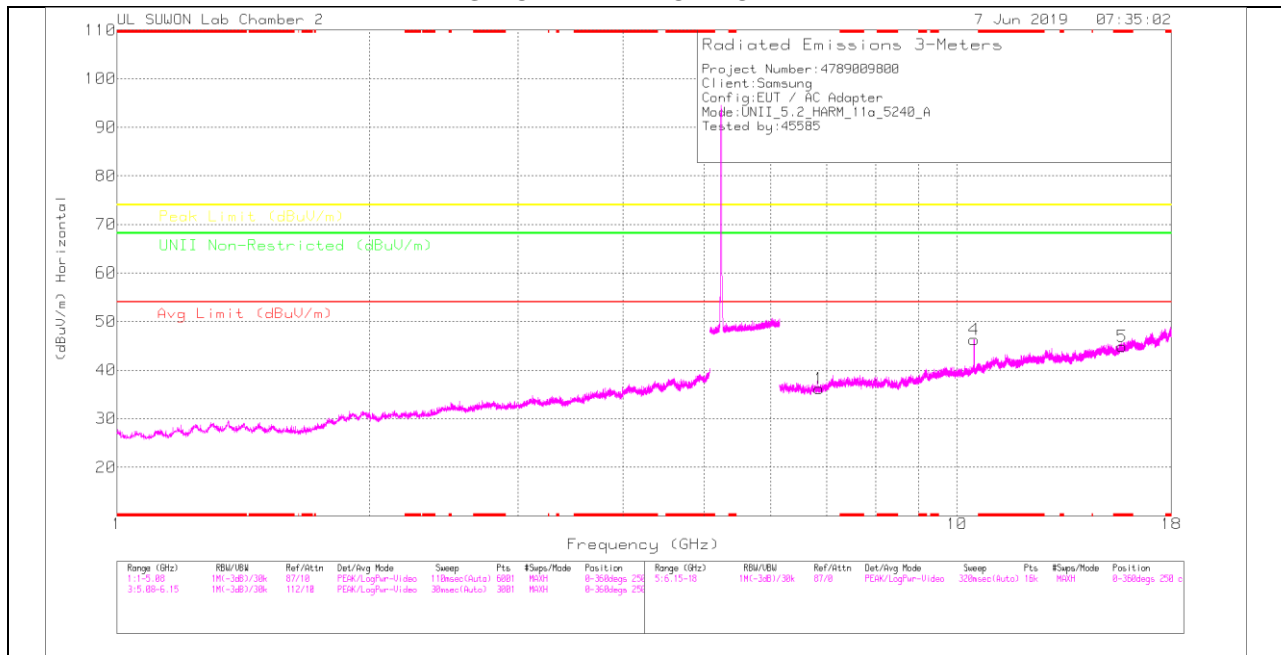
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
10.406	40.42	PK-U	37.6	-20.9	0	57.12	-	-	-	-	68.2	-11.08	161	155	H
10.399	36.39	PK-U	37.6	-20.9	0	53.09	-	-	-	-	68.2	-15.11	183	170	V

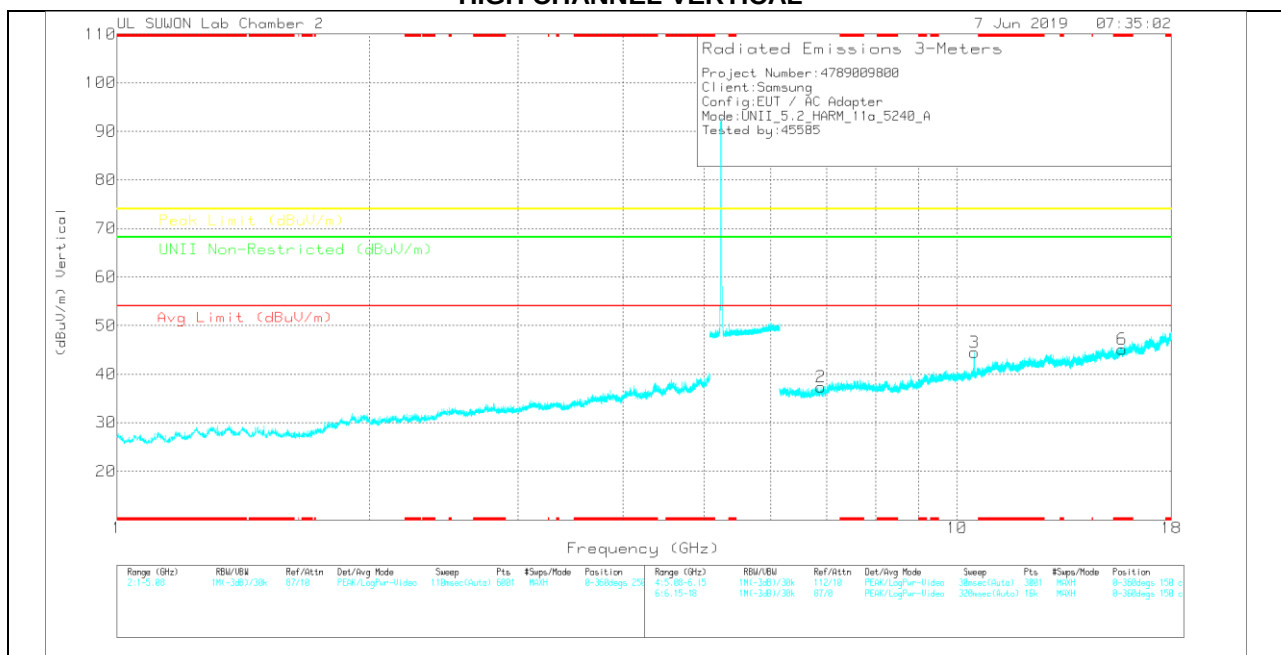
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	6.855	25.63	PK	35.6	-25	0	36.23	-	-	-	-	68.2	-31.97	0-360	250	H
4	10.479	29.41	PK	37.7	-20.8	0	46.31	-	-	-	-	68.2	-21.89	0-360	250	H
5	* 15.72	24.14	PK	40.2	-19.5	0	44.84	-	-	74	-29.16	-	-	0-360	250	H
2	6.889	26.77	PK	35.7	-25.1	0	37.37	-	-	-	-	68.2	-30.83	0-360	250	V
3	10.484	27.51	PK	37.7	-20.8	0	44.41	-	-	-	-	68.2	-23.79	0-360	250	V
6	* 15.721	24.53	PK	40.2	-19.6	0	45.13	-	-	74	-28.87	-	-	0-360	250	V

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

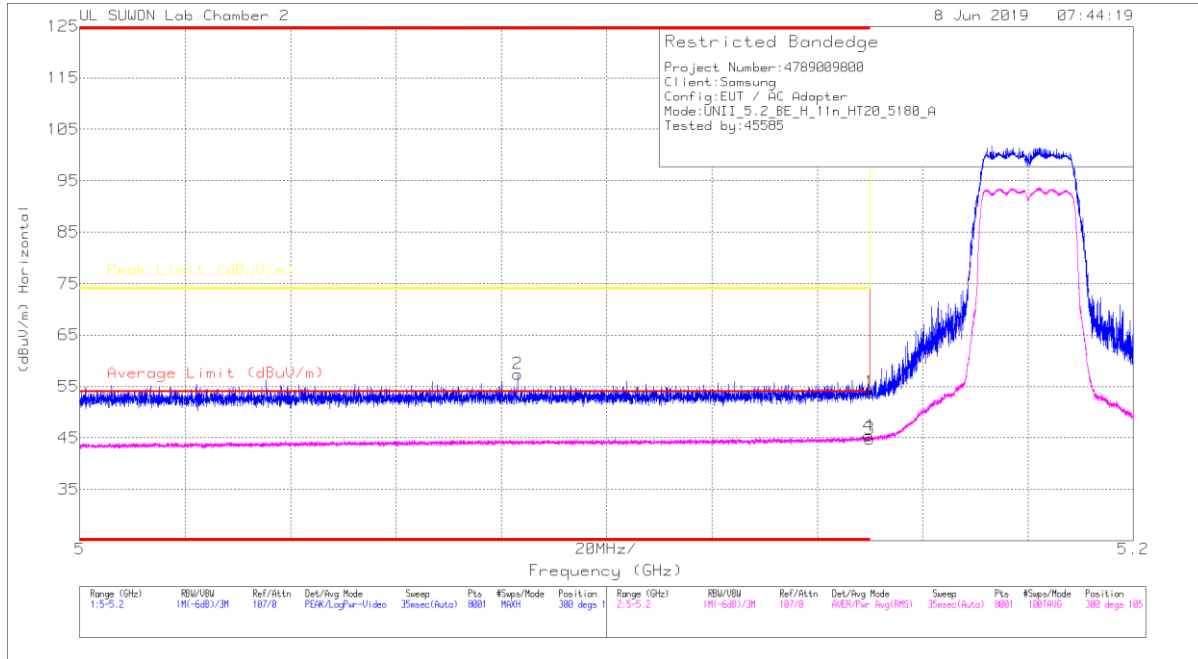
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.486	40.92	PK-U	37.7	-20.8	0	57.82	-	-	-	-	68.2	-10.38	212	100	H
10.478	38.59	PK-U	37.7	-20.8	0	55.49	-	-	-	-	68.2	-12.71	174	303	V

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

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

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

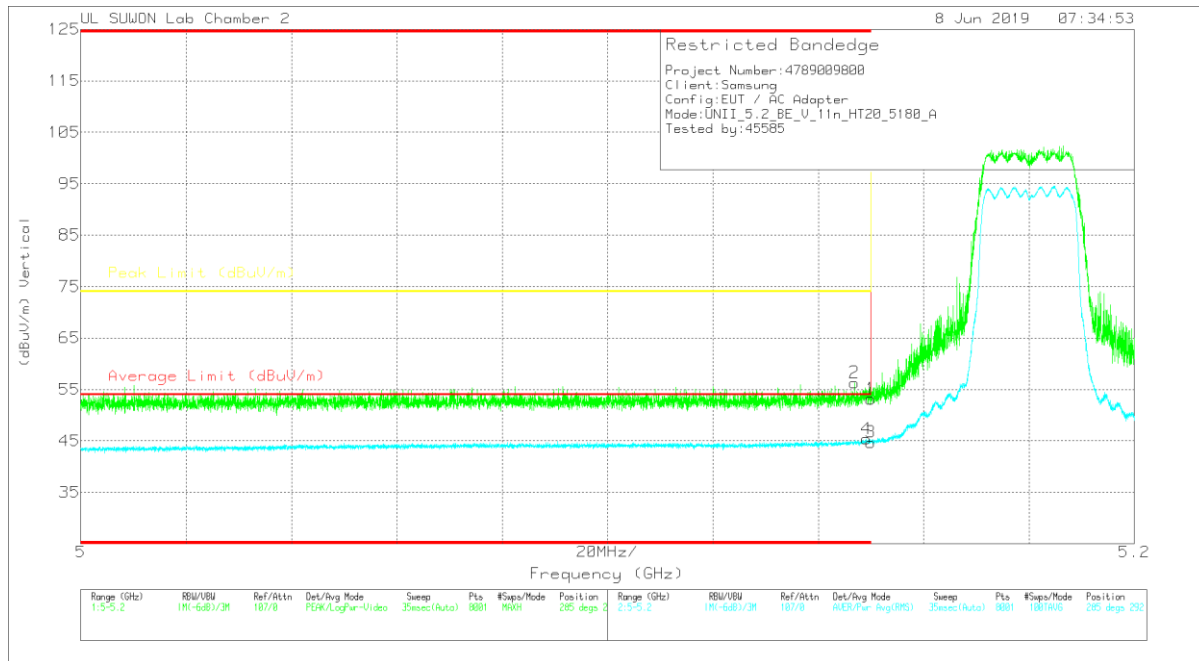
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	5.15	37.77	Pk		-18.2	0	53.87	-	-	74	-20.13	300	105	H
2	* 5.083	41.44	Pk		-18.2	0	57.44	-	-	74	-16.56	300	105	H
3	5.15	27.84	RMS		-17.3	0	44.84	54	-9.16	-	-	300	105	H
4	* 5.15	28.42	RMS		-17.3	0	45.42	54	-8.58	-	-	300	105	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	5.15	37.07	Pk	34.3	-18.2	0	53.17	-	-	74	-20.83	285	292	V
2	* 5.147	40.11	Pk	34.3	-18.1	0	56.31	-	-	74	-17.69	285	292	V
3	5.15	27.73	RMS	34.3	-17.3	0	44.73	54	-9.27	-	-	285	292	V
4	* 5.149	28.37	RMS	34.3	-17.3	0	45.37	54	-8.63	-	-	285	292	V

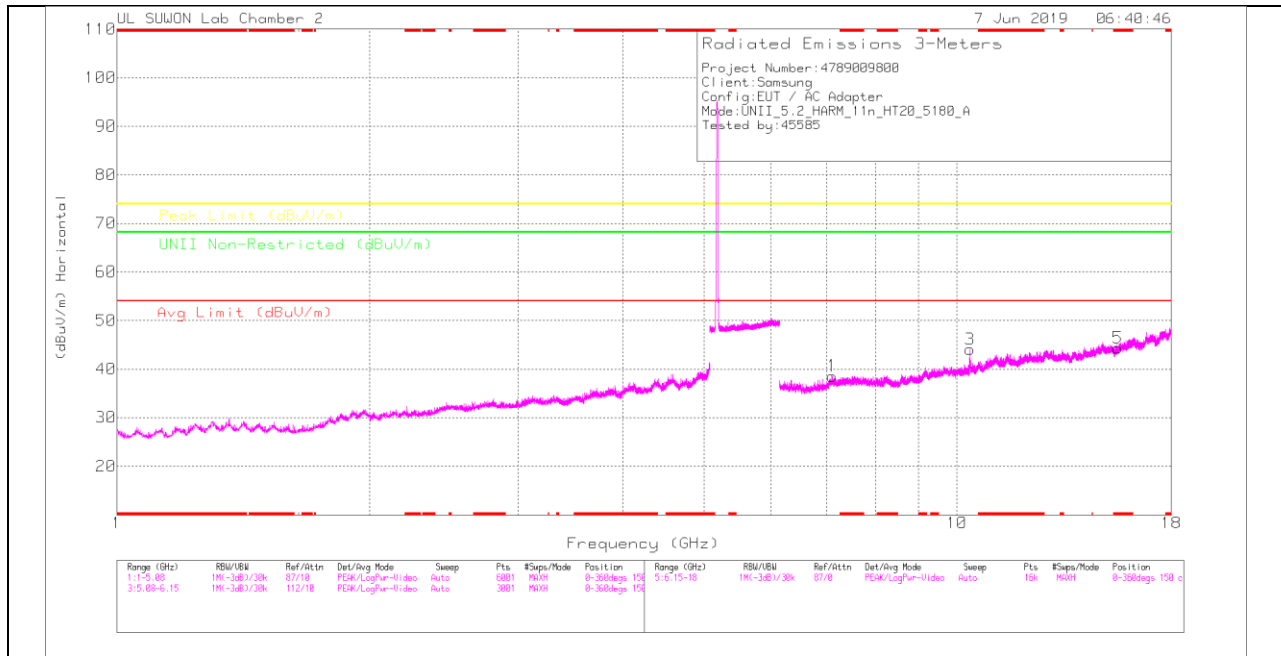
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

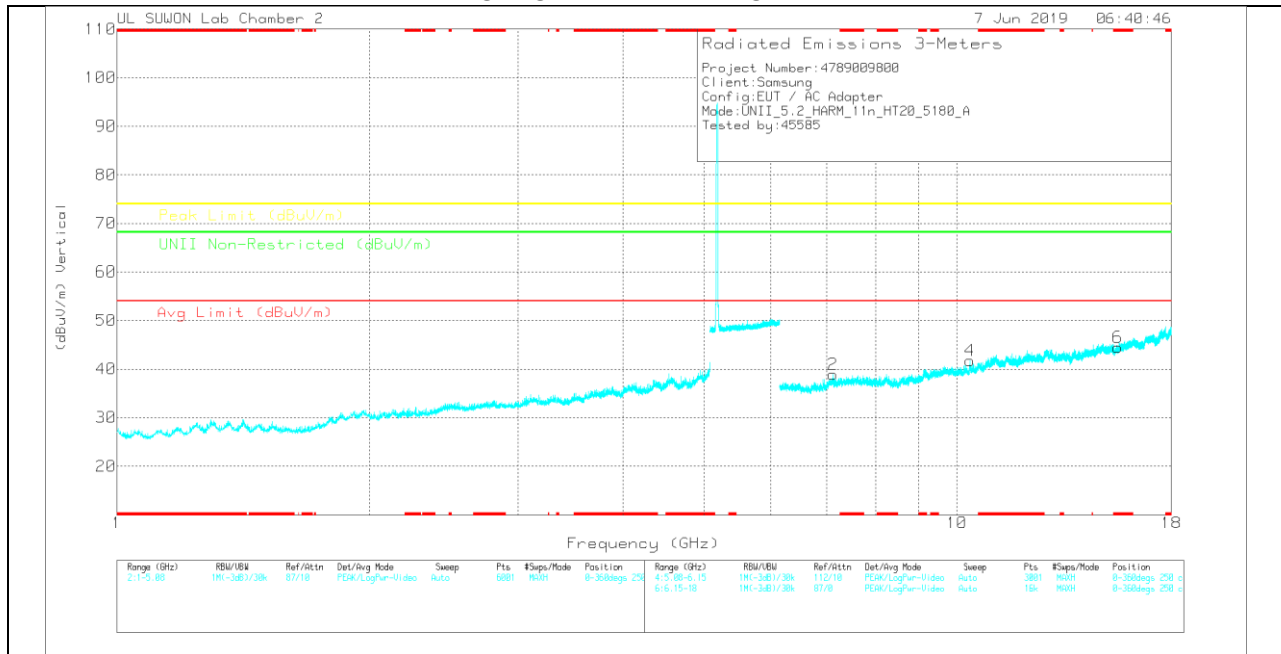
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.108	26.28	PK	36	-23.7	0	38.58	-	-	-	-	68.2	-29.62	0-360	250	H
3	10.357	27.53	PK	37.5	-21	0	44.03	-	-	-	-	68.2	-24.17	0-360	250	H
5	* 15.542	24.11	PK	39.9	-19.7	0	44.31	-	-	74	-29.69	-	-	0-360	150	H
2	7.113	26.61	PK	36	-23.7	0	38.91	-	-	-	-	68.2	-29.29	0-360	150	V
4	10.362	25.36	PK	37.5	-21.1	0	41.76	-	-	-	-	68.2	-26.44	0-360	250	V
6	* 15.543	24.24	PK	39.9	-19.7	0	44.44	-	-	74	-29.56	-	-	0-360	150	V

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

PK – Peak Detector

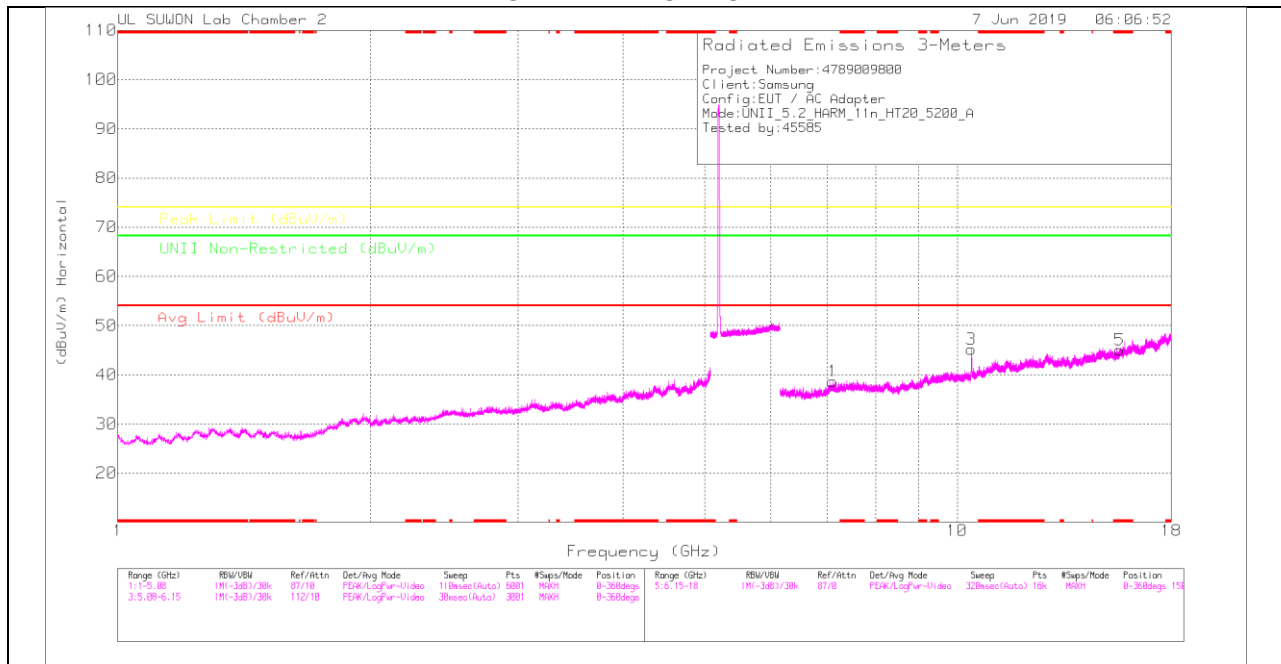
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
10.358	38.37	PK-U	37.5	-21	0	54.87	-	-	-	-	68.2	-13.33	208	234	H
10.362	35.92	PK-U	37.5	-21.1	0	52.32	-	-	-	-	68.2	-15.88	176	293	V

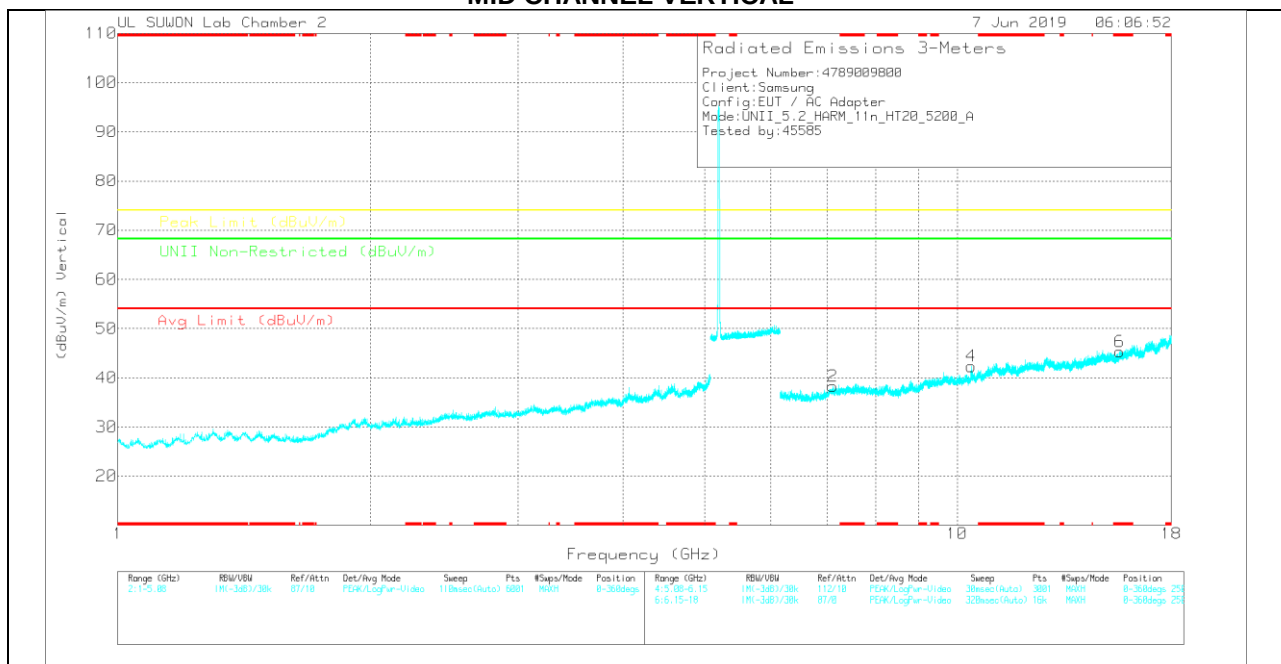
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.108	26.38	PK	36	-23.7	0	38.68	-	-	-	-	68.2	-29.52	0-360	150	H
3	10.399	28.48	PK	37.6	-20.9	0	45.18	-	-	-	-	68.2	-23.02	0-360	250	H
5	* 15.618	24.97	PK	40	-19.9	0	45.07	-	-	74	-28.93	-	-	0-360	150	H
2	7.108	25.97	PK	36	-23.7	0	38.27	-	-	-	-	68.2	-29.93	0-360	150	V
4	10.4	25.72	PK	37.6	-21	0	42.32	-	-	-	-	68.2	-25.88	0-360	250	V
6	* 15.617	25.12	PK	40	-19.8	0	45.32	-	-	74	-28.68	-	-	0-360	250	V

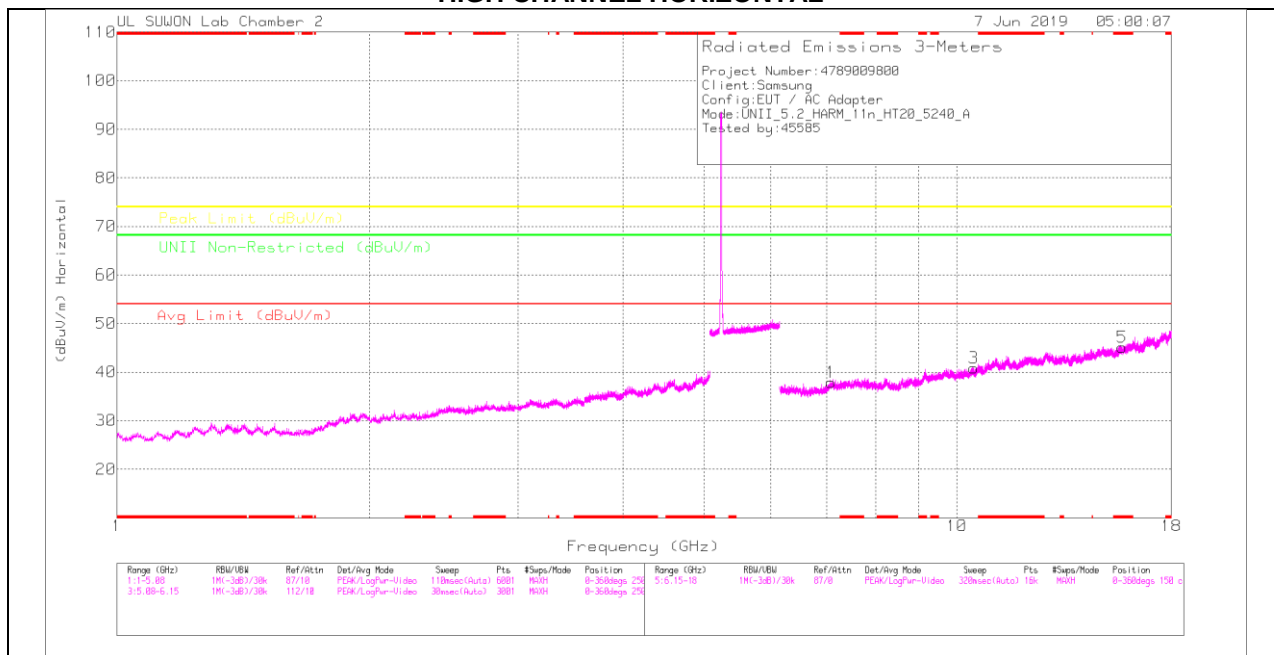
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

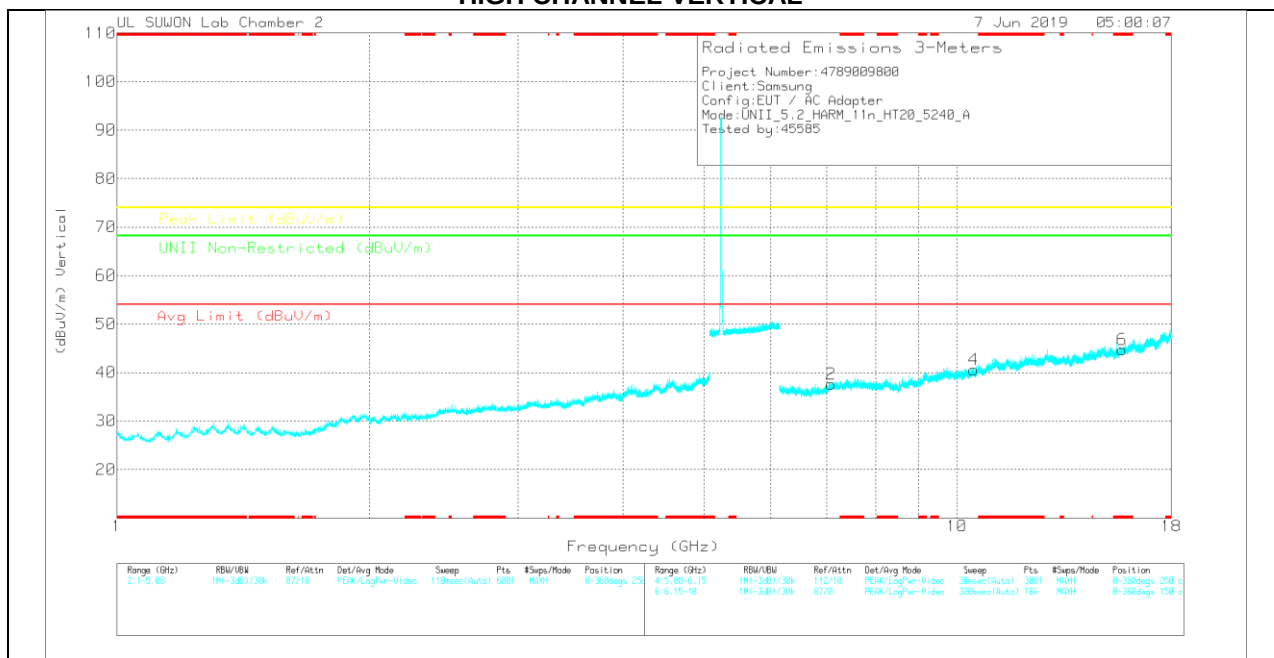
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
10.4	39.36	PK-U	37.6	-21	0	55.96	-	-	-	-	68.2	-12.24	214	237	H
10.4	36.9	PK-U	37.6	-21	0	53.5	-	-	-	-	68.2	-14.7	159	261	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)	Meas Reading (dBuV)	Det	3117_00108724	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.079	26.01	PK	35.9	-24	0	37.91	-	-	-	-	68.2	-30.29	0-360	250	H
3	10.473	23.89	PK	37.7	-20.7	0	40.89	-	-	-	-	68.2	-27.31	0-360	150	H
5	* 15.723	24.46	PK	40.2	-19.6	0	45.06	-	-	74	-28.94	-	-	0-360	150	H
2	7.081	25.62	PK	35.9	-23.9	0	37.62	-	-	-	-	68.2	-30.58	0-360	150	V
4	10.477	23.69	PK	37.7	-20.8	0	40.59	-	-	-	-	68.2	-27.61	0-360	150	V
6	* 15.721	24.13	PK	40.2	-19.6	0	44.73	-	-	74	-29.27	-	-	0-360	150	V

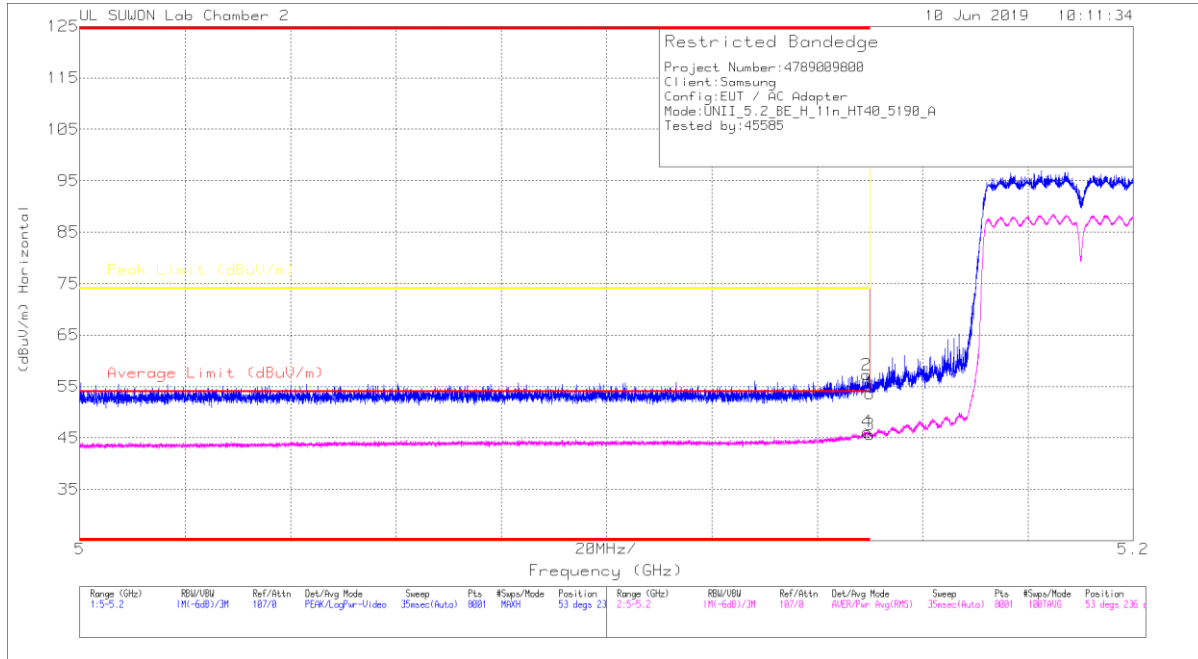
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

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

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

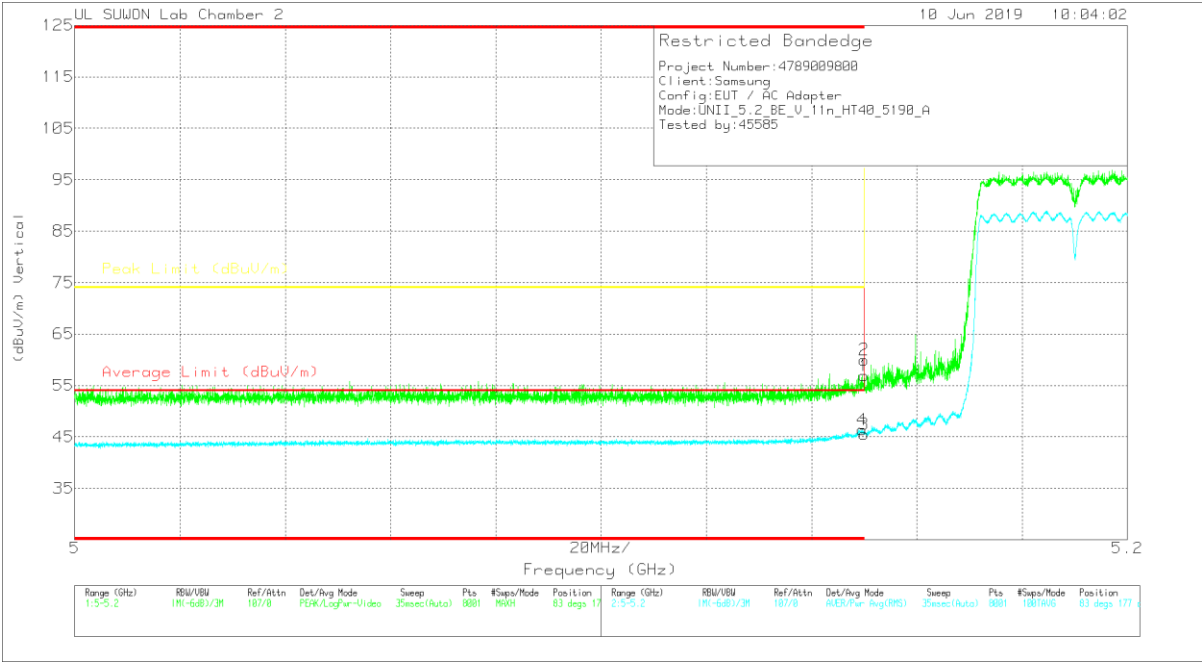
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00158724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	5.15	37.56	Pk	34.3	-18.2	0	53.66	-	-	74	-20.34	53	236	H
2	* 5.149	41.12	Pk	34.3	-18.2	0	57.22	-	-	74	-16.78	53	236	H
3	5.15	28.65	RMS	34.3	-17.3	0	45.65	54	-8.35	-	-	53	236	H
4	* 5.149	29.18	RMS	34.3	-17.3	0	46.18	54	-7.82	-	-	53	236	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	5.15	40.78	Pk	34.3	-18.2	0	56.88	-	-	74	-17.12	83	177	V
2	* 5.15	43.87	Pk	34.3	-18.2	0	59.97	-	-	74	-14.03	83	177	V
3	5.15	28.49	RMS	34.3	-17.3	0	45.49	54	-8.51	-	-	83	177	V
4	* 5.15	29.38	RMS	34.3	-17.3	0	46.38	54	-7.62	-	-	83	177	V

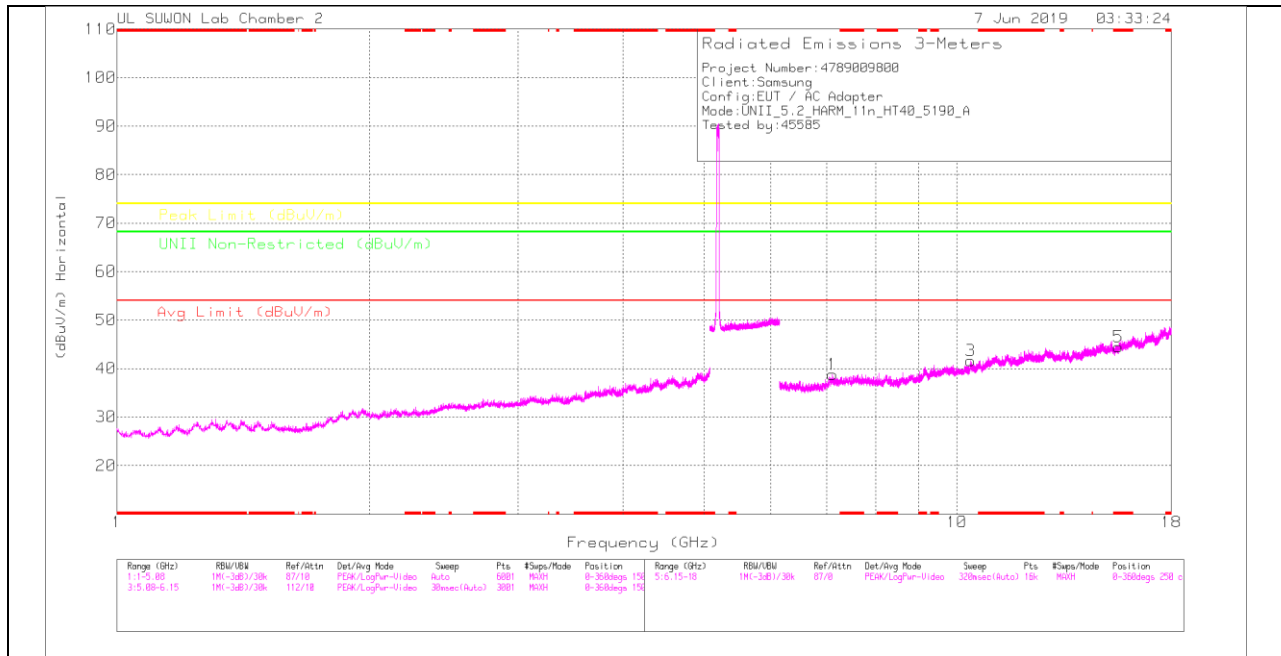
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

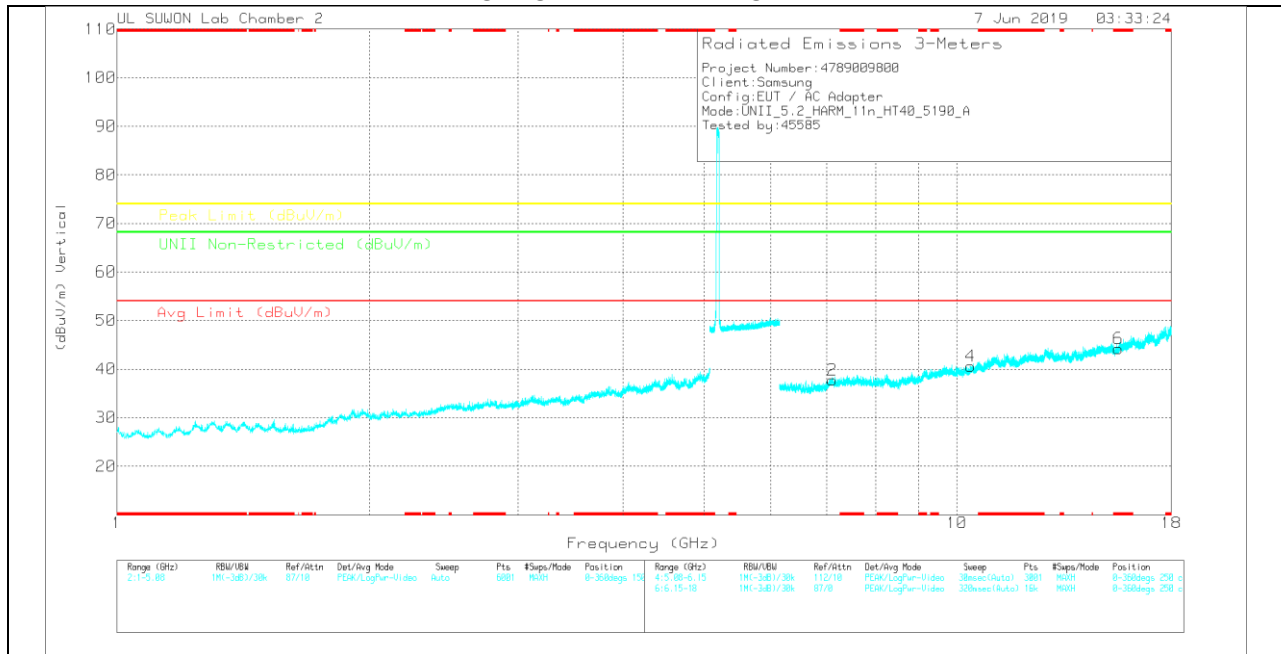
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

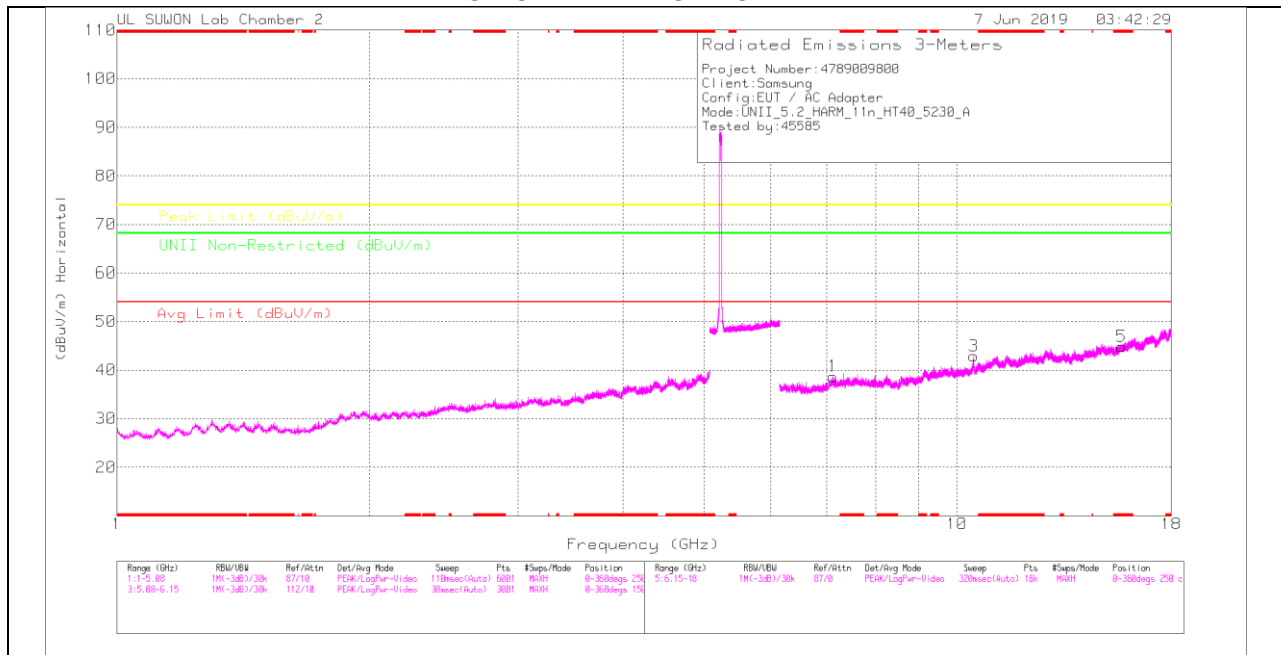
Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00108724	60Hz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.111	26.45	PK	36	-23.7	0	38.75	-	-	-	-	68.2	-29.45	0-360	150	H
3	10.377	25.01	PK	37.6	-21	0	41.61	-	-	-	-	68.2	-26.59	0-360	250	H
5	* 15.562	24.11	PK	40	-19.7	0	44.41	-	-	74	-29.59	-	-	0-360	150	H
2	7.107	25.47	PK	36	-23.7	0	37.77	-	-	-	-	68.2	-30.43	0-360	150	V
4	10.378	23.97	PK	37.6	-21	0	40.57	-	-	-	-	68.2	-27.63	0-360	150	V
6	* 15.565	23.87	PK	40	-19.7	0	44.17	-	-	74	-29.83	-	-	0-360	250	V

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

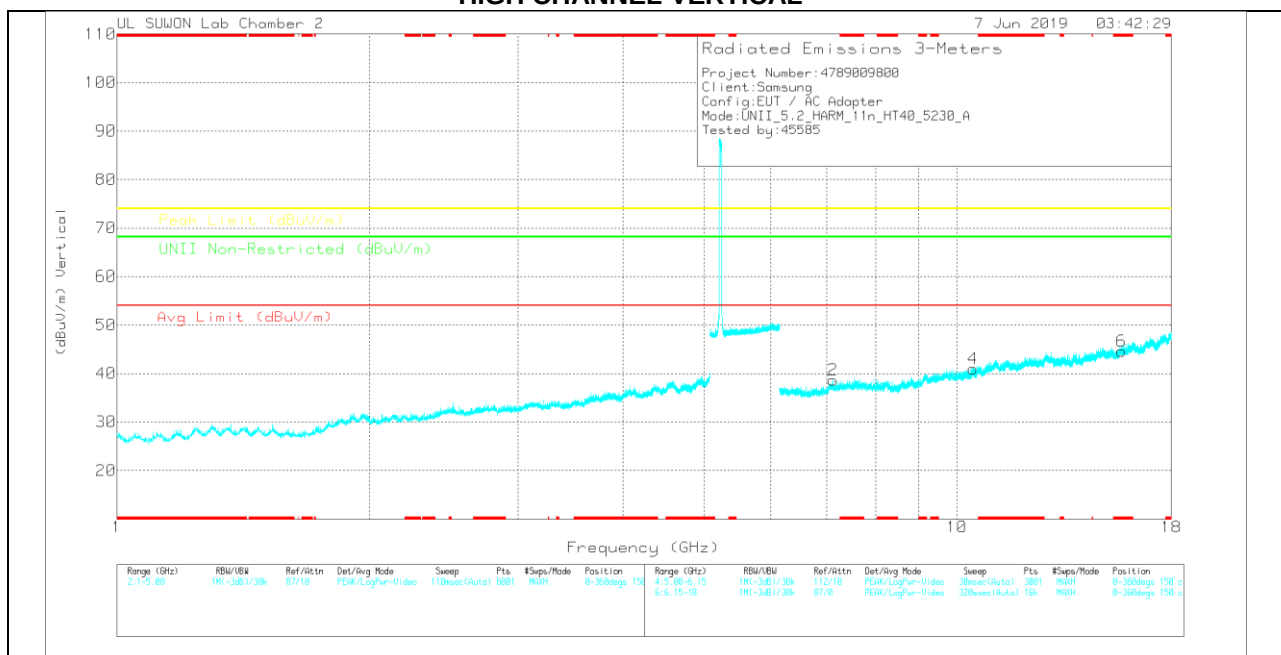
PK – Peak Detector

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.116	26.51	PK	36	-23.8	0	38.71	-	-	-	-	68.2	-29.49	0-360	150	H
3	10.463	26.01	PK	37.6	-20.7	0	42.91	-	-	-	-	68.2	-25.29	0-360	250	H
5	* 15.694	24.45	PK	40.2	-19.8	0	44.85	-	-	74	-29.15	-	-	0-360	150	H
2	7.114	26.39	PK	36	-23.8	0	38.59	-	-	-	-	68.2	-29.61	0-360	250	V
4	10.458	24.09	PK	37.6	-20.7	0	40.99	-	-	-	-	68.2	-27.21	0-360	250	V
6	* 15.692	24.22	PK	40.2	-19.8	0	44.62	-	-	74	-29.38	-	-	0-360	250	V

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

PK – Peak Detector

Radiated Emissions

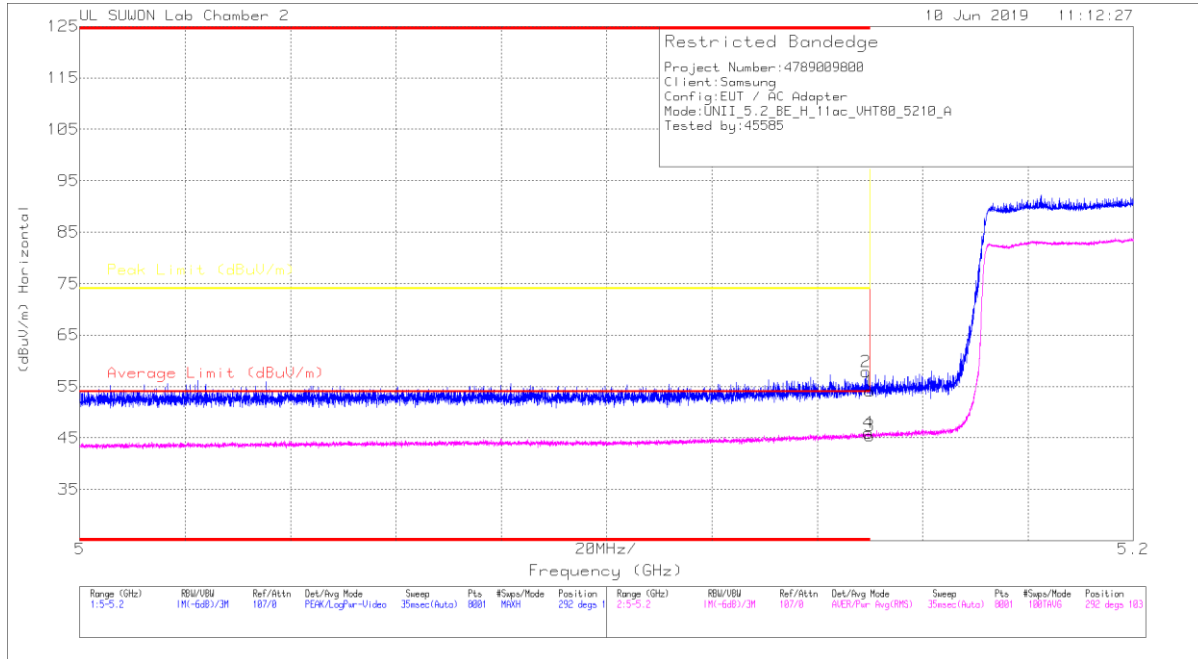
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.468	37.61	PK-U	37.7	-20.7	0	54.61	-	-	-	-	68.2	-13.59	137	165	H
10.461	35.96	PK-U	37.6	-20.7	0	52.86	-	-	-	-	68.2	-15.34	176	155	V

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

PK-U - U-NII: Maximum Peak

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

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

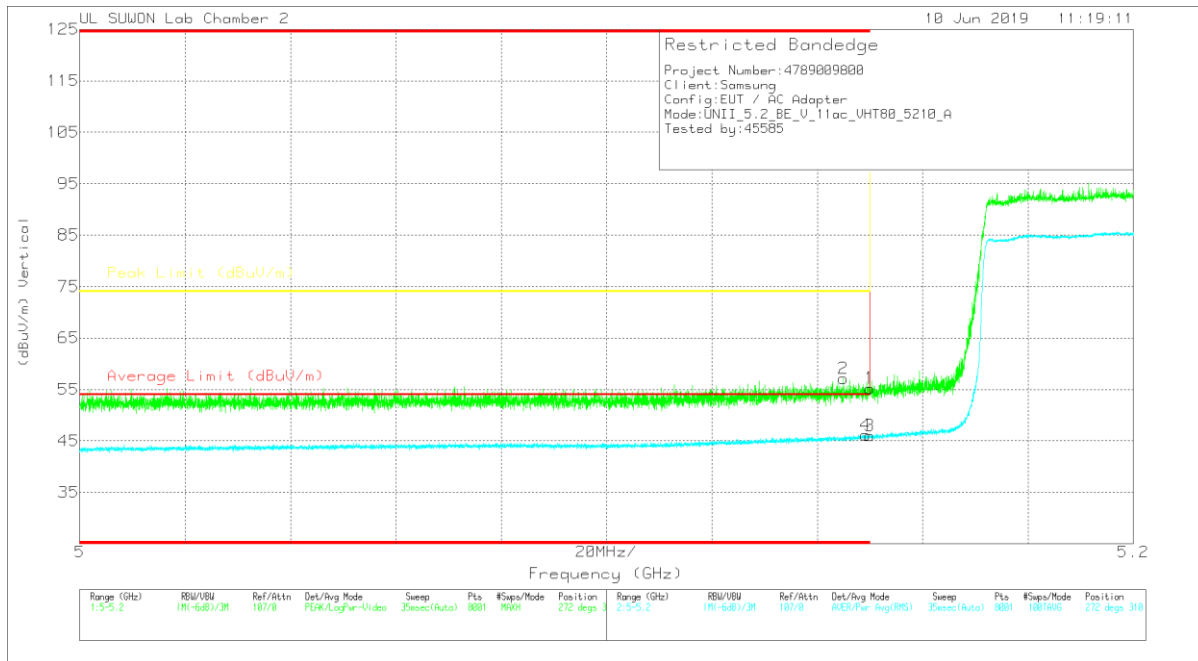
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	5.15	38.01	Pk	34.3	-18.2	0	54.11	-	-	74	-19.89	292	103	H
2	* 5.149	41.74	Pk	34.3	-18.2	0	57.84	-	-	74	-16.16	292	103	H
3	5.15	28.42	RMS	34.3	-17.3	0	45.42	54	-8.58	-	-	292	103	H
4	* 5.15	28.97	RMS	34.3	-17.3	0	45.97	54	-8.03	-	-	292	103	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	5.15	39.12	Pk	34.3	-18.2	0	55.22	-	-	74	-18.78	272	310	V
2	* 5.145	41.04	Pk	34.3	-18.2	0	57.14	-	-	74	-16.86	272	310	V
3	5.15	29.03	RMS	34.3	-17.3	0	46.03	54	-7.97	-	-	272	310	V
4	* 5.149	29.16	RMS	34.3	-17.3	0	46.16	54	-7.84	-	-	272	310	V

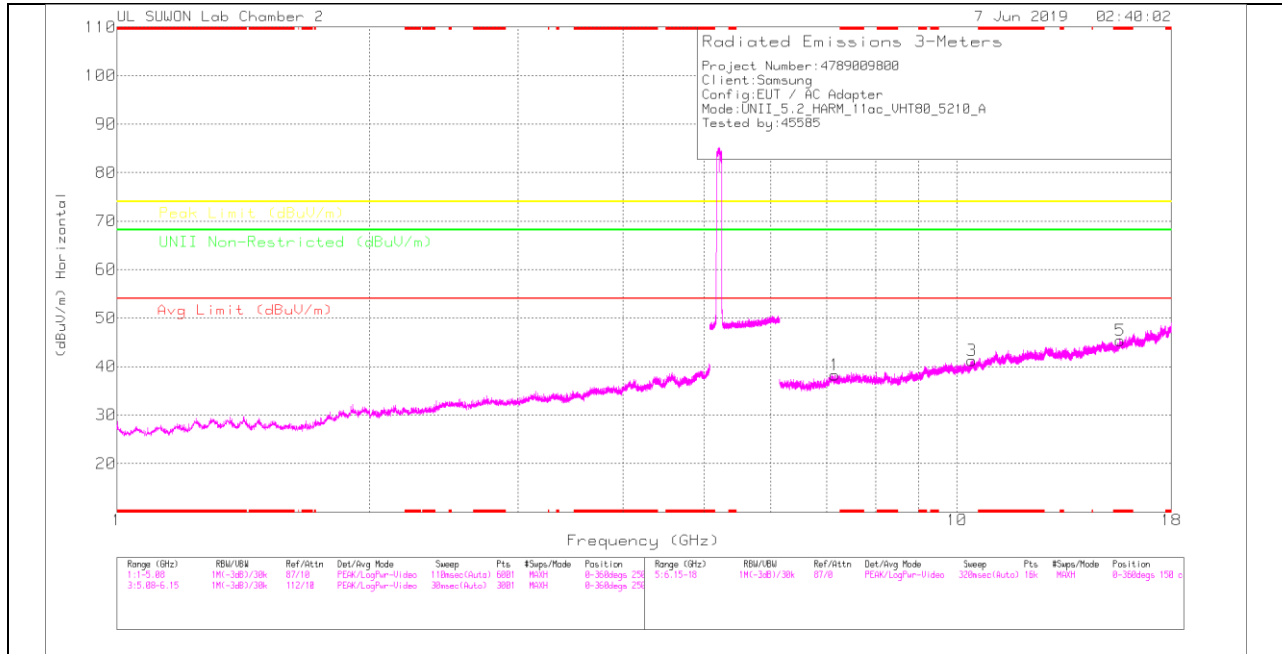
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

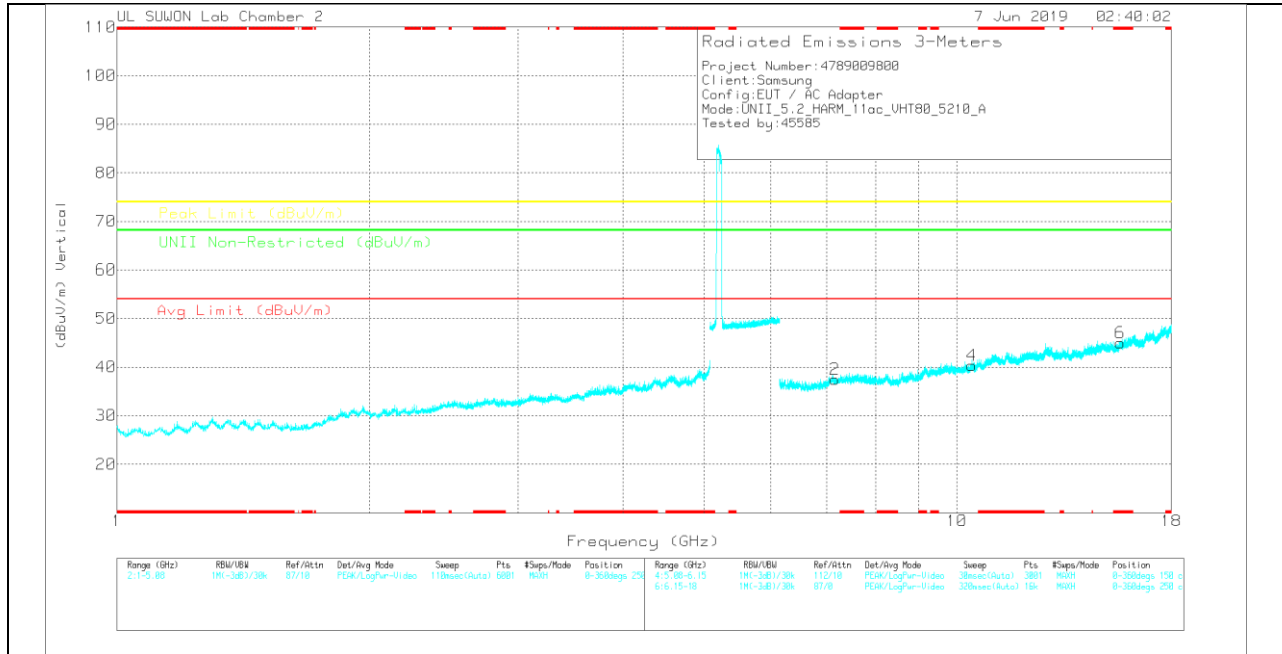
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00108724	60Hz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.156	26.8	PK	36	-24.6	0	38.2	-	-	-	-	68.2	-30	0-360	250	H
3	10.422	24.58	PK	37.6	-20.9	0	41.28	-	-	-	-	68.2	-26.92	0-360	150	H
5	* 15.633	25.21	PK	40.1	-19.9	0	45.41	-	-	74	-28.59	-	-	0-360	150	H
2	7.16	26.2	PK	36	-24.7	0	37.5	-	-	-	-	68.2	-30.7	0-360	150	V
4	10.419	23.6	PK	37.6	-20.9	0	40.3	-	-	-	-	68.2	-27.9	0-360	250	V
6	* 15.632	24.79	PK	40.1	-19.9	0	44.99	-	-	74	-29.01	-	-	0-360	150	V

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

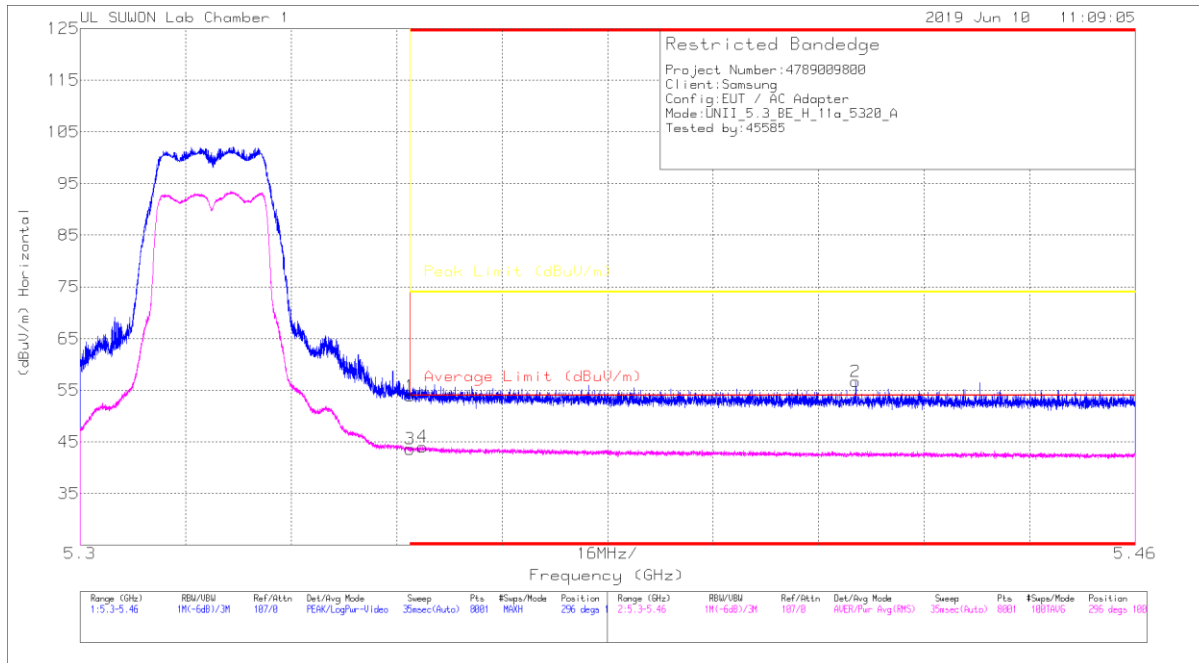
PK – Peak Detector

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

11.2. 5.3 GHz

11.2.1. TX ABOVE 1 GHz 802.11a 2Tx CDD MODE IN THE 5.3 GHz BAND AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

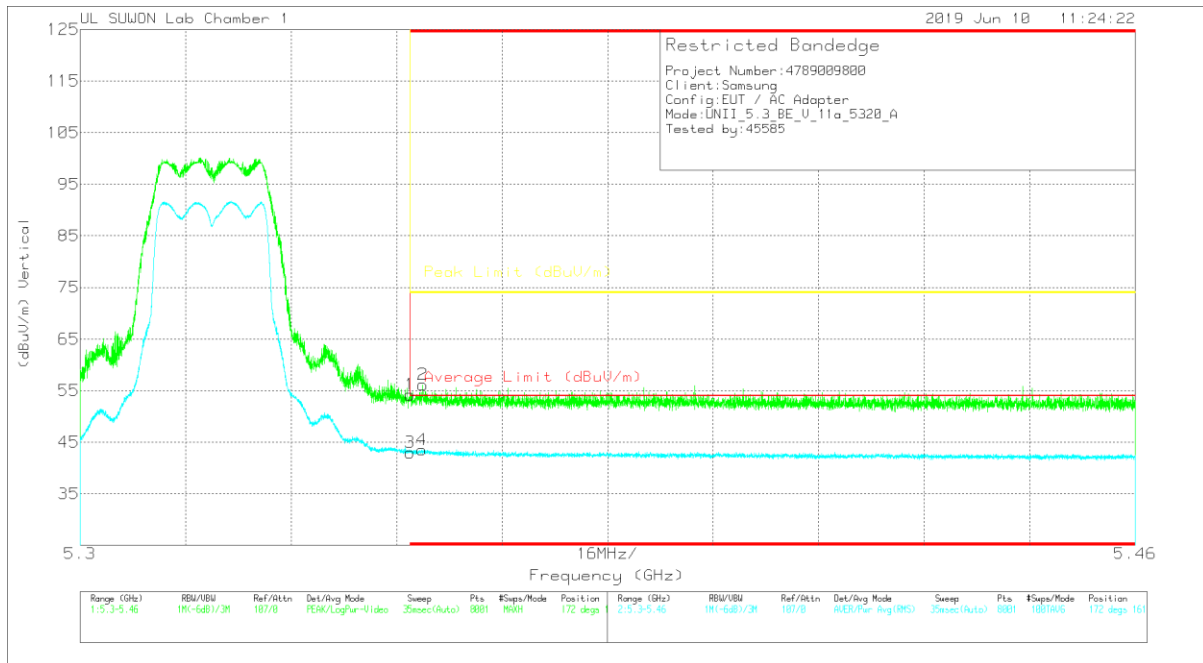
Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	3117_00168717	10dB[dB]	DC Corr (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35002	40.77	PK	34.7	-21.6	0	53.87	-	-	74	-20.13	296	100	H
2	* 5.41762	43.5	PK	34.7	-21.5	0	56.7	-	-	74	-17.3	296	100	H
3	* 5.35002	30.63	RMS	34.7	-21.7	0	43.63	54	-10.37	-	-	296	100	H
4	* 5.35192	31.06	RMS	34.7	-21.7	0	44.06	54	-9.94	-	-	296	100	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	100B[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35002	41.12	PK	34.7	-21.6	0	54.22	-	-	74	-19.78	172	161	V
2	* 5.35198	43.05	PK	34.7	-21.6	0	56.15	-	-	74	-17.85	172	161	V
3	* 5.35002	30.02	RMS	34.7	-21.7	0	43.02	54	-10.98	-	-	172	161	V
4	* 5.35186	30.52	RMS	34.7	-21.7	0	43.52	54	-10.48	-	-	172	161	V

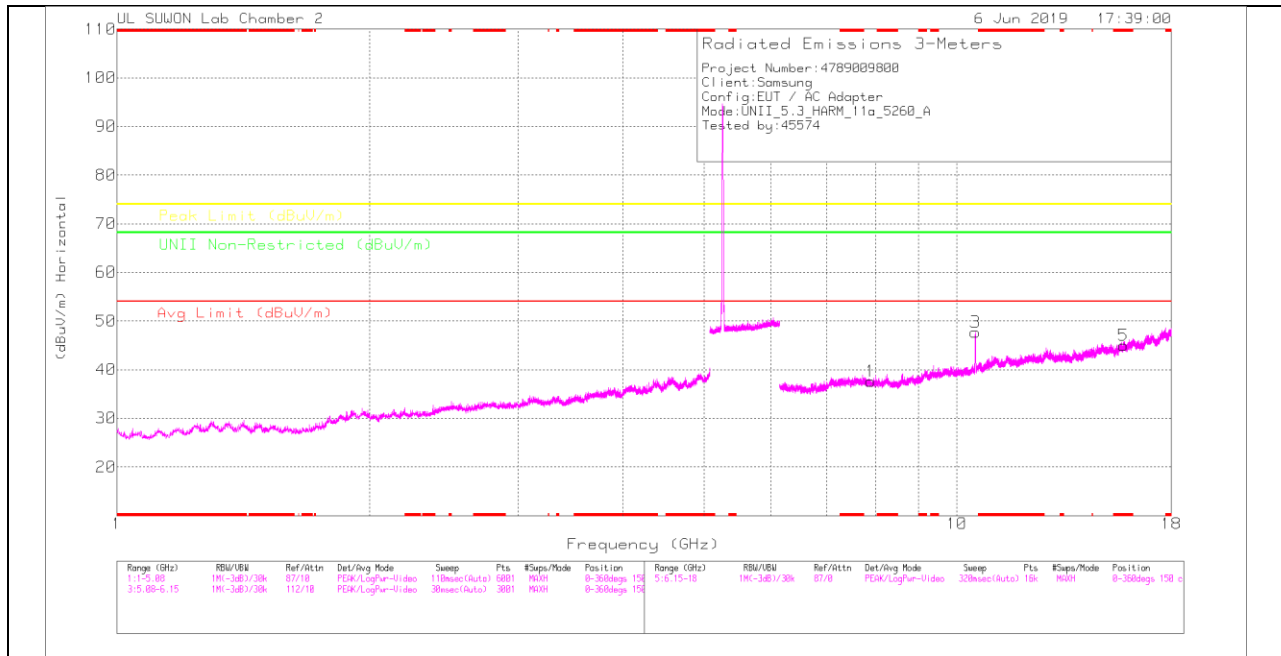
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

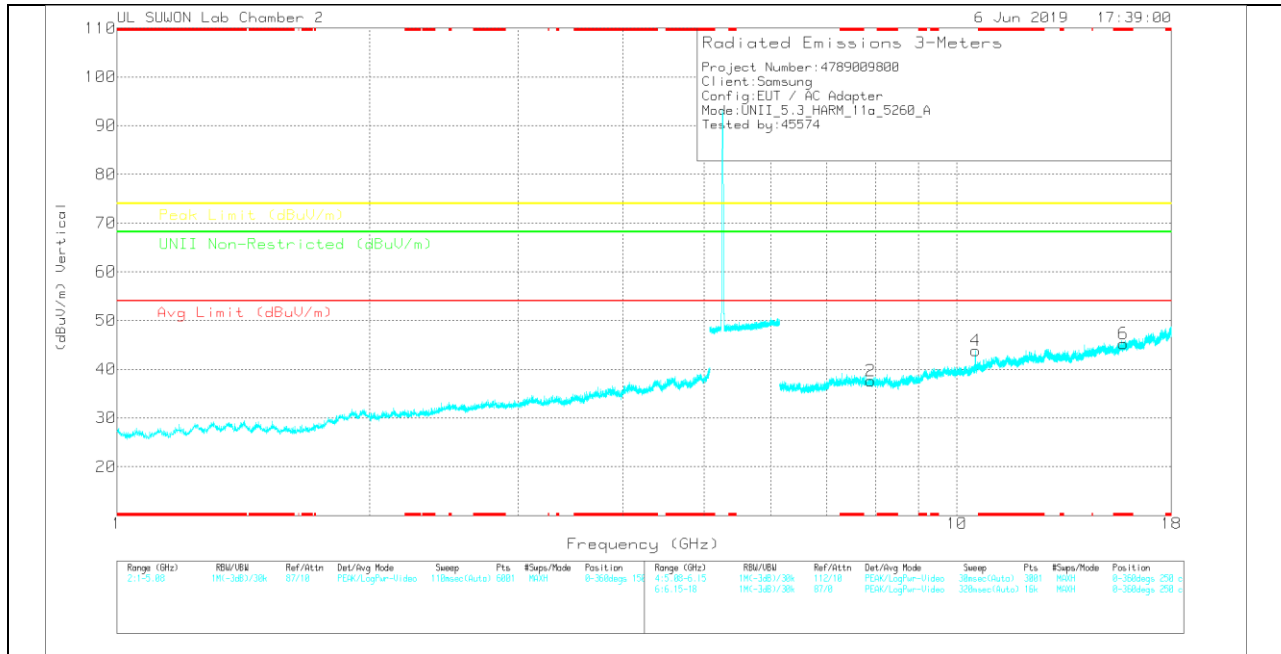
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.89	26	PK	35.9	-24.3	0	37.6	-	-	-	-	68.2	-30.6	0-360	150	H
3	10.516	30.68	PK	37.7	-20.7	0	47.68	-	-	-	-	68.2	-20.52	0-360	150	H
5	* 15.782	24.56	PK	40.3	-19.9	0	44.96	-	-	74	-29.04	-	-	0-360	250	H
2	7.89	26.01	PK	35.9	-24.3	0	37.61	-	-	-	-	68.2	-30.59	0-360	150	V
4	10.519	26.81	PK	37.7	-20.7	0	43.81	-	-	-	-	68.2	-24.39	0-360	250	V
6	* 15.78	24.89	PK	40.3	-19.9	0	45.29	-	-	74	-28.71	-	-	0-360	250	V

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

PK – Peak Detector

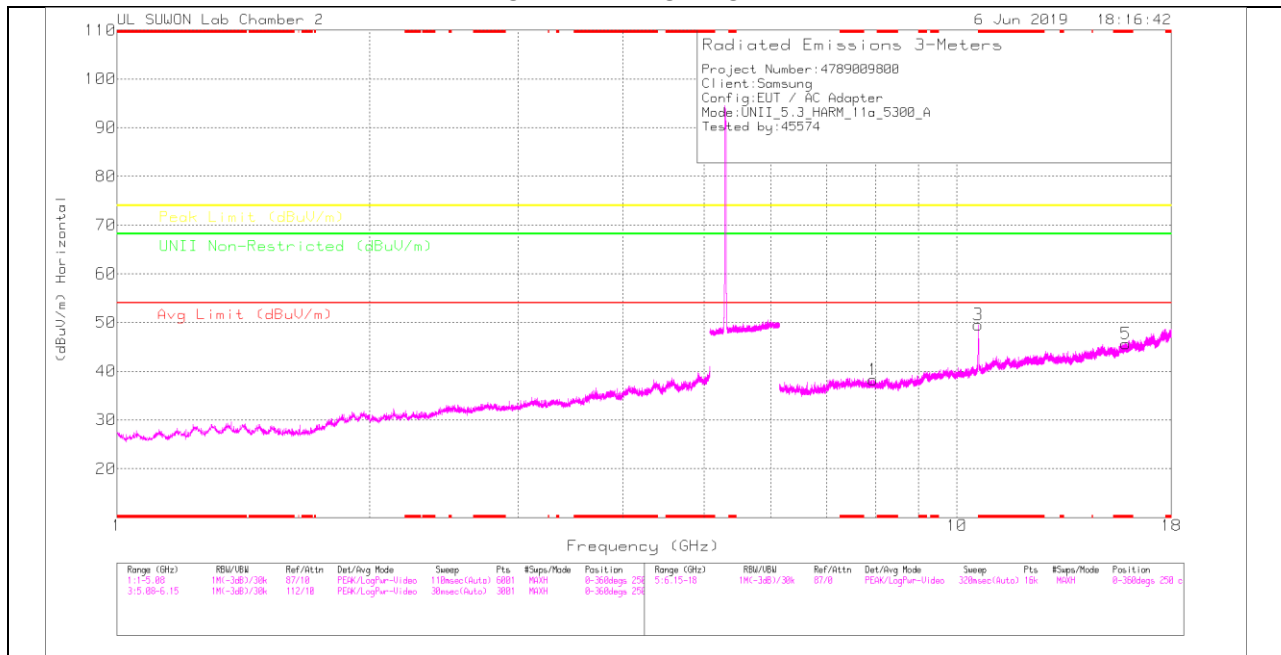
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
10.519	42.45	PK-U	37.7	-20.7	0	59.45	-	-	-	-	68.2	-8.75	154	252	H
10.519	38.35	PK-U	37.7	-20.7	0	55.35	-	-	-	-	68.2	-12.85	170	147	V

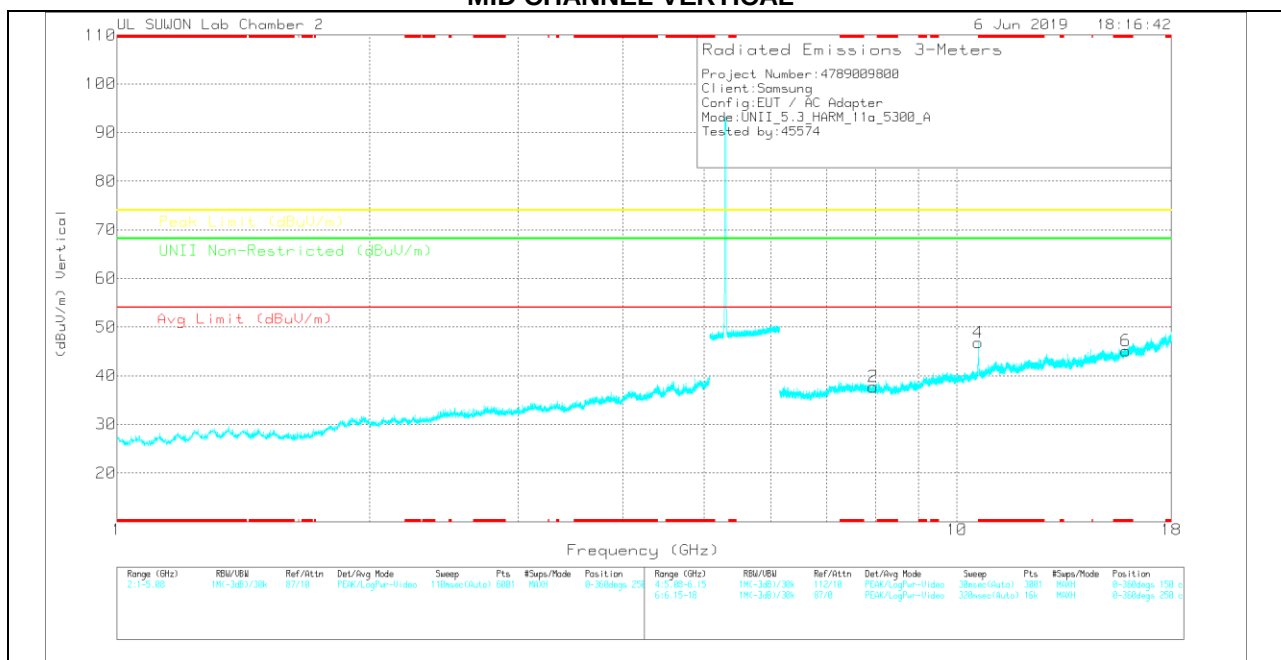
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.951	26.2	PK	35.9	-23.8	0	38.3	-	-	-	-	68.2	-29.9	0-360	250	H
3	* 10.6	31.47	PK	37.8	-19.7	0	49.57	-	-	74	-24.43	-	-	0-360	250	H
5	* 15.899	24.63	PK	40.5	-19.5	0	45.63	-	-	74	-28.37	-	-	0-360	250	H
2	7.953	25.58	PK	35.9	-23.8	0	37.68	-	-	-	-	68.2	-30.52	0-360	250	V
4	10.599	28.68	PK	37.8	-19.7	0	46.78	-	-	-	-	68.2	-21.42	0-360	150	V
6	* 15.9	24.1	PK	40.5	-19.5	0	45.1	-	-	74	-28.9	-	-	0-360	250	V

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

PK – Peak Detector

Radiated Emissions

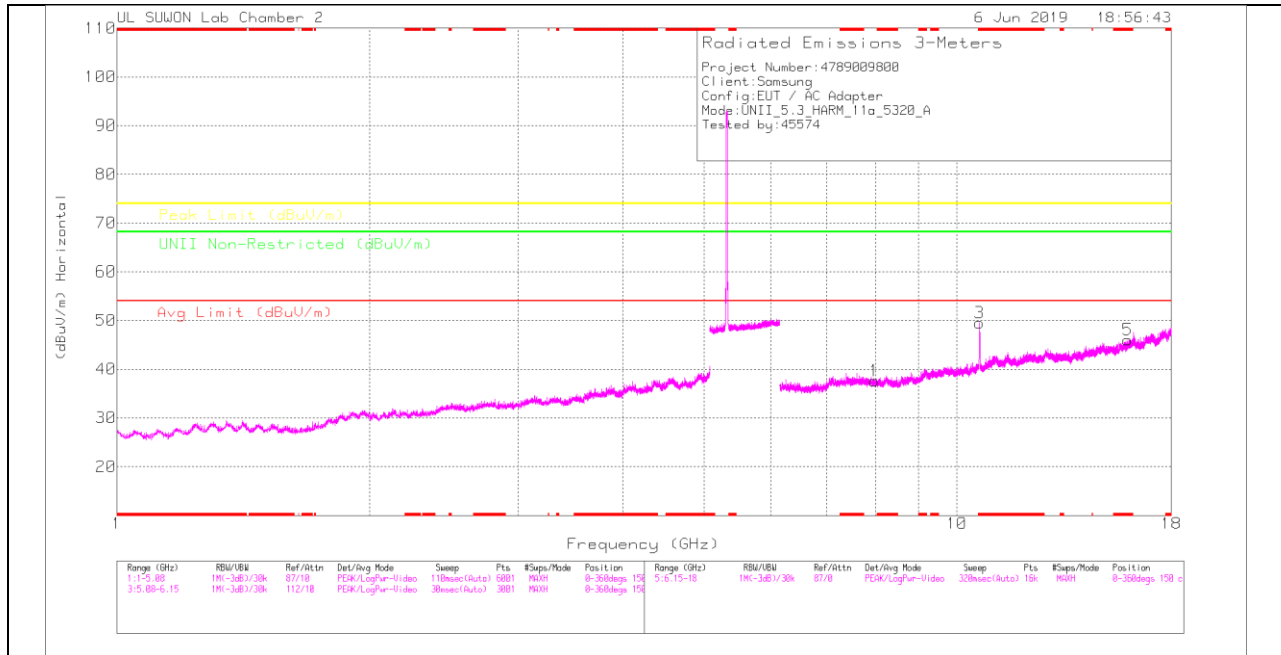
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.602	41.93	PK-U	37.8	-19.7	0	60.03	-	-	74	-13.97	-	-	156	253	H
* 10.602	28.92	ADR	37.8	-19.7	0	47.02	54	-6.98	-	-	-	-	156	253	H
* 10.602	38.47	PK-U	37.8	-19.7	0	56.57	-	-	74	-17.43	-	-	176	167	V
* 10.603	25.39	ADR	37.8	-19.7	0	43.49	54	-10.51	-	-	-	-	176	167	V

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

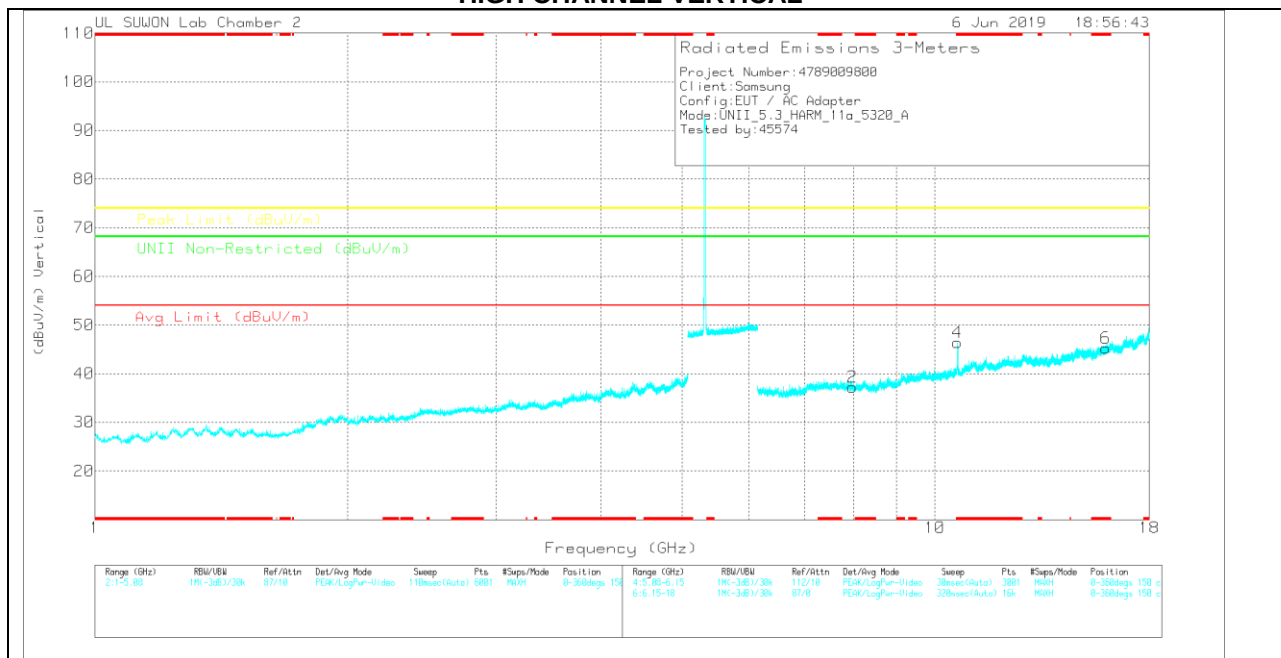
PK-U - U-NII: Maximum Peak

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	3117_00168724	60Hz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.981	25.59	PK	35.9	-23.9	0	37.59	-	-	-	-	68.2	-30.61	0-360	250	H
3	* 10.635	31.33	PK	37.8	-19.6	0	49.53	-	-	74	-24.47	-	-	0-360	250	H
5	* 15.959	25.16	PK	40.5	-19.7	0	45.96	-	-	74	-28.04	-	-	0-360	250	H
2	7.98	25.25	PK	35.9	-23.9	0	37.25	-	-	-	-	68.2	-30.95	0-360	250	V
4	* 10.638	28.25	PK	37.8	-19.6	0	46.45	-	-	74	-27.55	-	-	0-360	150	V
6	* 15.963	24.2	PK	40.6	-19.6	0	45.2	-	-	74	-28.8	-	-	0-360	250	V

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

PK – Peak Detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	60Hz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 10.639	42.61	PK-U	37.8	-19.6	0	60.81	-	-	74	-13.19	-	-	155	250	H
* 10.64	30.23	ADR	37.8	-19.6	0	48.43	54	-5.57	-	-	-	-	155	250	H
* 10.639	40.52	PK-U	37.8	-19.6	0	58.72	-	-	74	-15.28	-	-	175	165	V
* 10.639	27.79	ADR	37.8	-19.6	0	45.99	54	-8.01	-	-	-	-	175	165	V

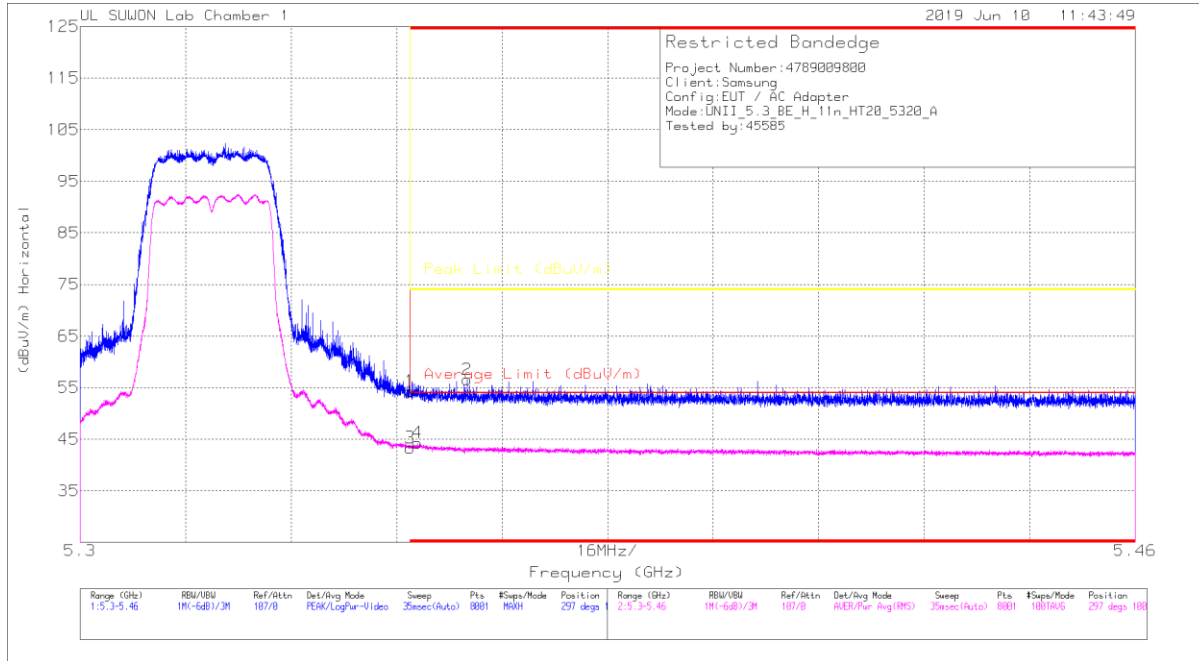
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.2.2.TX ABOVE 1GHz 802.11n HT20 2Tx CDD MODE IN THE 5.3GHz BAND AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

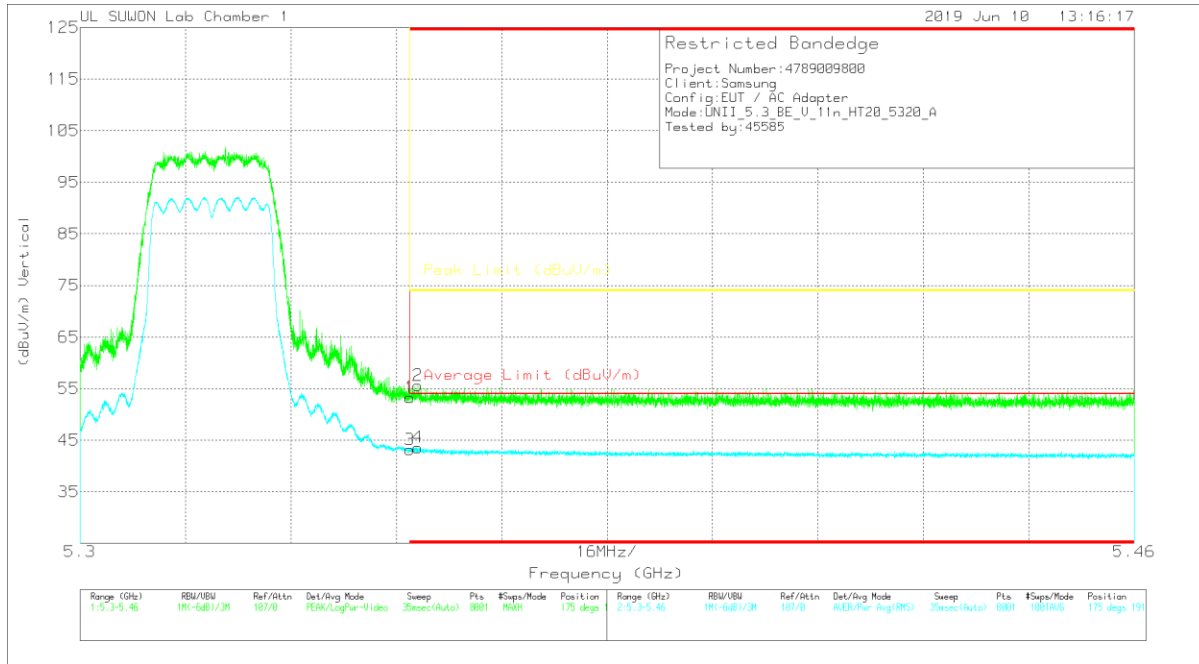
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00166717	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35002	41.19	Pk	34.7	-21.6	0	54.29	-	-	74	-19.71	297	100	H
2	* 5.35874	43.45	Pk	34.7	-21.6	0	56.55	-	-	74	-17.45	297	100	H
3	* 5.35002	30.33	RMS	34.7	-21.7	0	43.33	54	-10.67	-	-	297	100	H
4	* 5.35116	31.29	RMS	34.7	-21.7	0	44.29	54	-9.71	-	-	297	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE DATA



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35002	40.2	Pk	34.7	-21.6	0	53.3	-	-	74	-20.7	175	191	V
2	* 5.3513	42.51	Pk	34.7	-21.6	0	55.61	-	-	74	-18.39	175	191	V
3	* 5.35002	30.19	RMS	34.7	-21.7	0	43.19	54	-10.81	-	-	175	191	V
4	* 5.35124	30.61	RMS	34.7	-21.7	0	43.61	54	-10.39	-	-	175	191	V

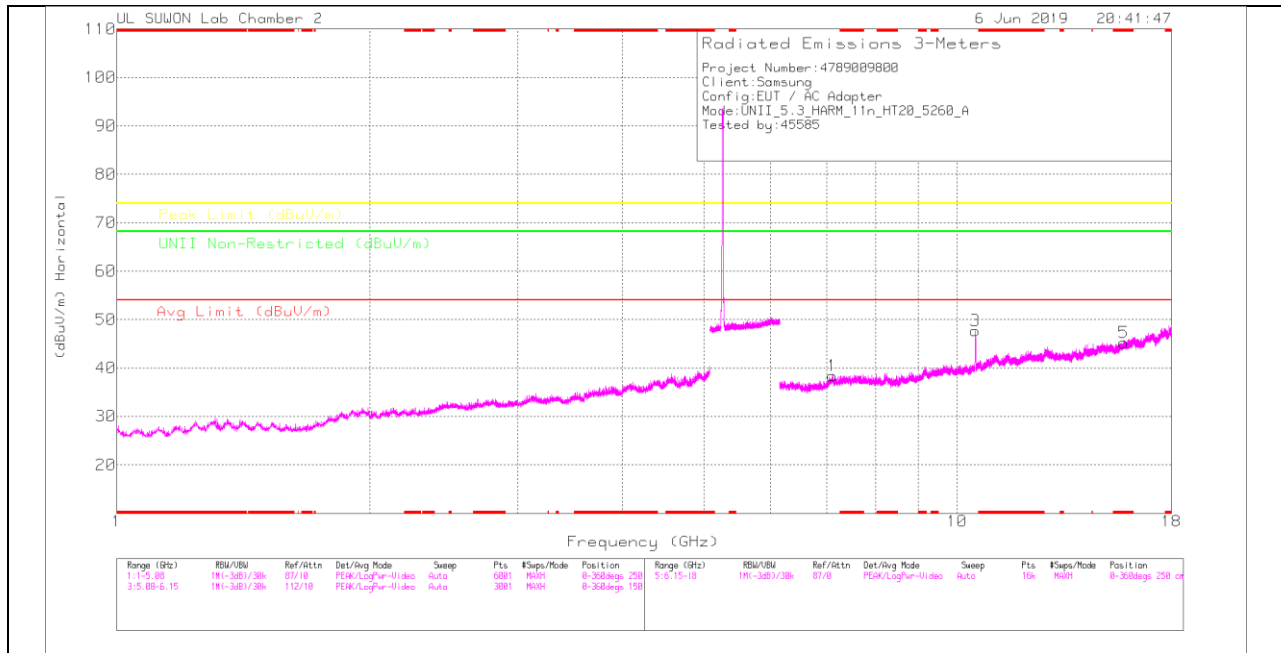
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

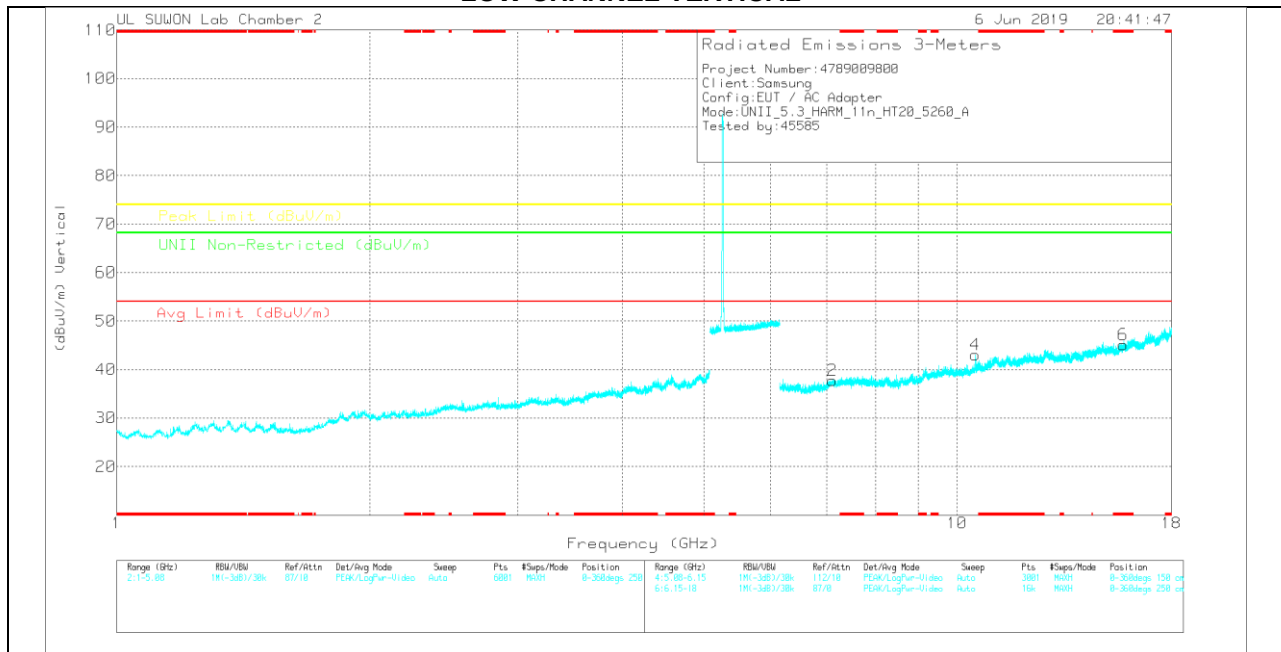
RMS - RMS detection

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	3117_00168724	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.10239	26.07	PK	36	-23.7	0	38.37	-	-	-	-	68.2	-29.83	0-360	250	H
3	10.5209	30.72	PK	37.7	-20.7	0	47.72	-	-	-	-	68.2	-20.48	0-360	250	H
5	* 15.78419	24.83	PK	40.3	-19.9	0	45.23	-	-	74	-28.77	-	-	0-360	250	H
2	7.10313	25.5	PK	36	-23.7	0	37.8	-	-	-	-	68.2	-30.4	0-360	150	V
4	10.51645	26.02	PK	37.7	-20.7	0	43.02	-	-	-	-	68.2	-25.18	0-360	150	V
6	* 15.78123	24.71	PK	40.3	-19.9	0	45.11	-	-	74	-28.89	-	-	0-360	250	V

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

PK – Peak Detector

Radiated Emissions

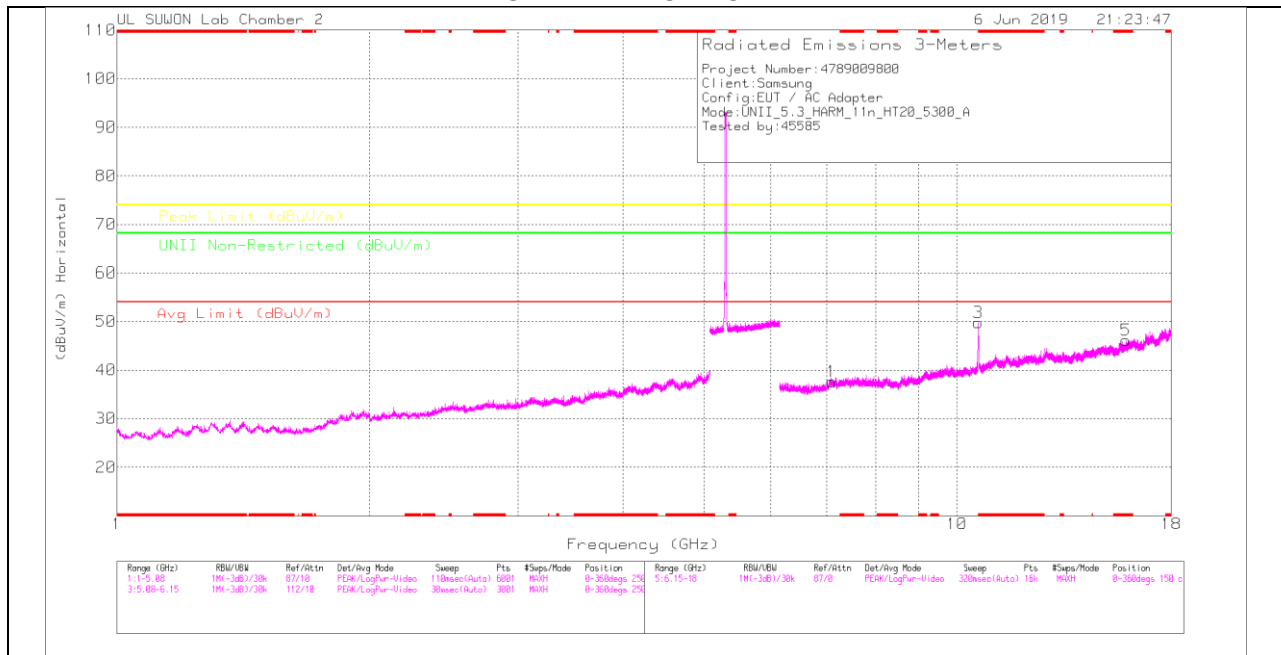
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.52242	42.37	PK-U	37.7	-20.7	0	59.37	-	-	-	-	68.2	-8.83	158	248	H
10.5221	38.64	PK-U	37.7	-20.7	0	55.64	-	-	-	-	68.2	-12.36	175	173	V

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

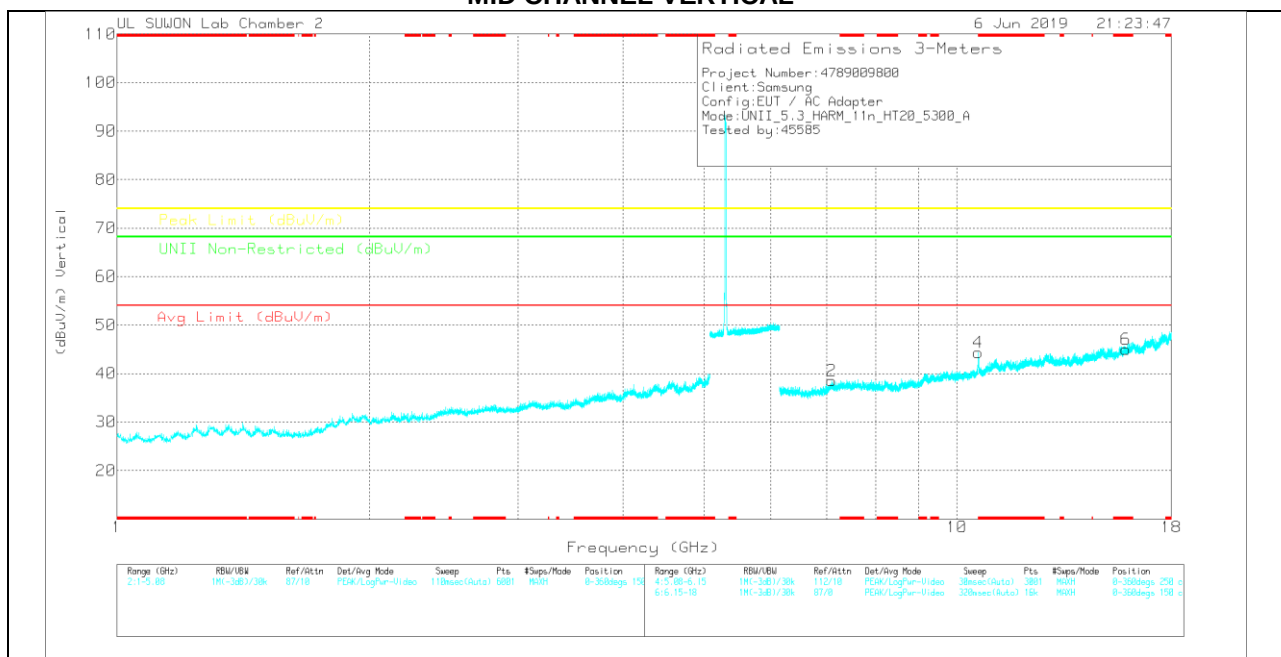
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.091	25.47	PK	35.9	-23.7	0	37.67	-	-	-	-	68.2	-30.53	0-360	150	H
3	* 10.601	31.68	PK	37.8	-19.7	0	49.78	-	-	74	-24.22	-	-	0-360	250	H
5	* 15.895	25.11	PK	40.5	-19.5	0	46.11	-	-	74	-27.89	-	-	0-360	250	H
2	7.094	26.2	PK	36	-23.7	0	38.5	-	-	-	-	68.2	-29.7	0-360	250	V
4	* 10.602	26.24	PK	37.8	-19.7	0	44.34	-	-	74	-29.66	-	-	0-360	250	V
6	* 15.895	24.01	PK	40.5	-19.5	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	3117_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.61	42.62	PK-U	37.8	-19.7	0	60.72	-	-	74	-13.28	-	-	156	253	H
* 10.6	30.1	ADR	37.8	-19.7	0	48.2	54	-5.8	-	-	-	-	156	253	H
10.599	38.73	PK-U	37.8	-19.7	0	56.83	-	-	-	-	68.2	-11.37	176	165	V
10.599	25.96	ADR	37.8	-19.7	0	44.06	-	-	-	-	-	-	176	165	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