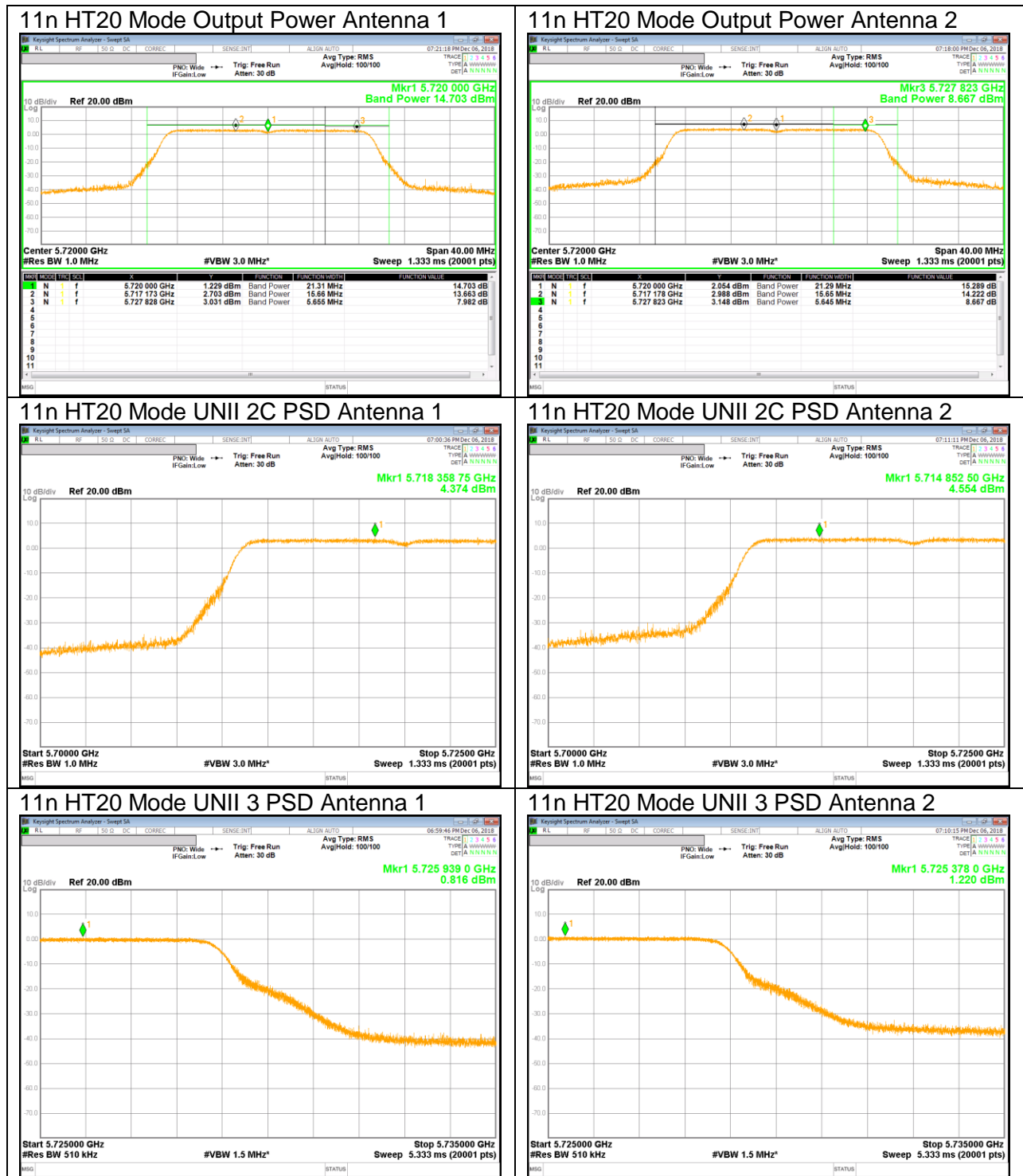
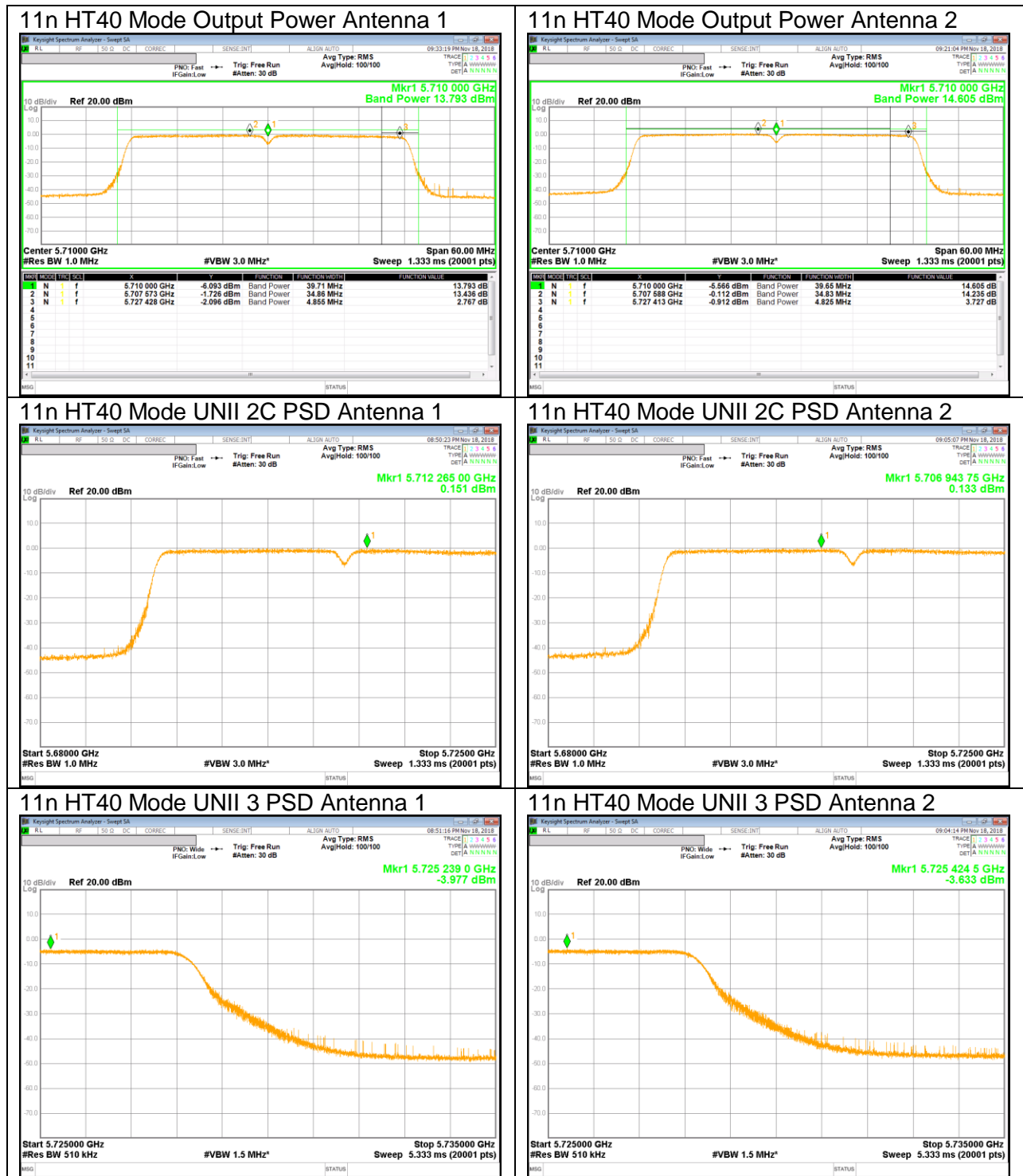


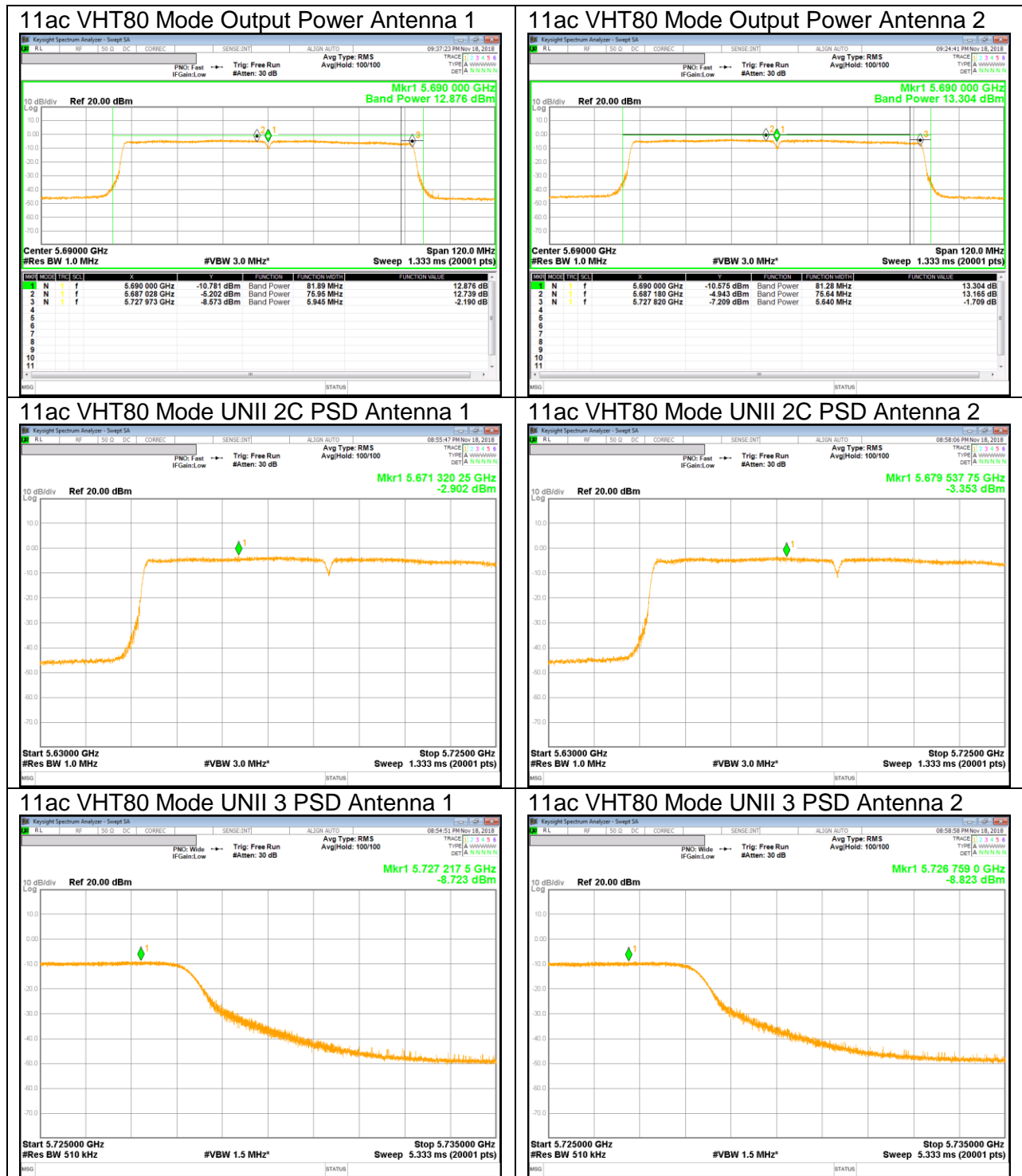
UNII Straddle Ch. IEEE 802.11n HT20 mode Ourput Power and PSD



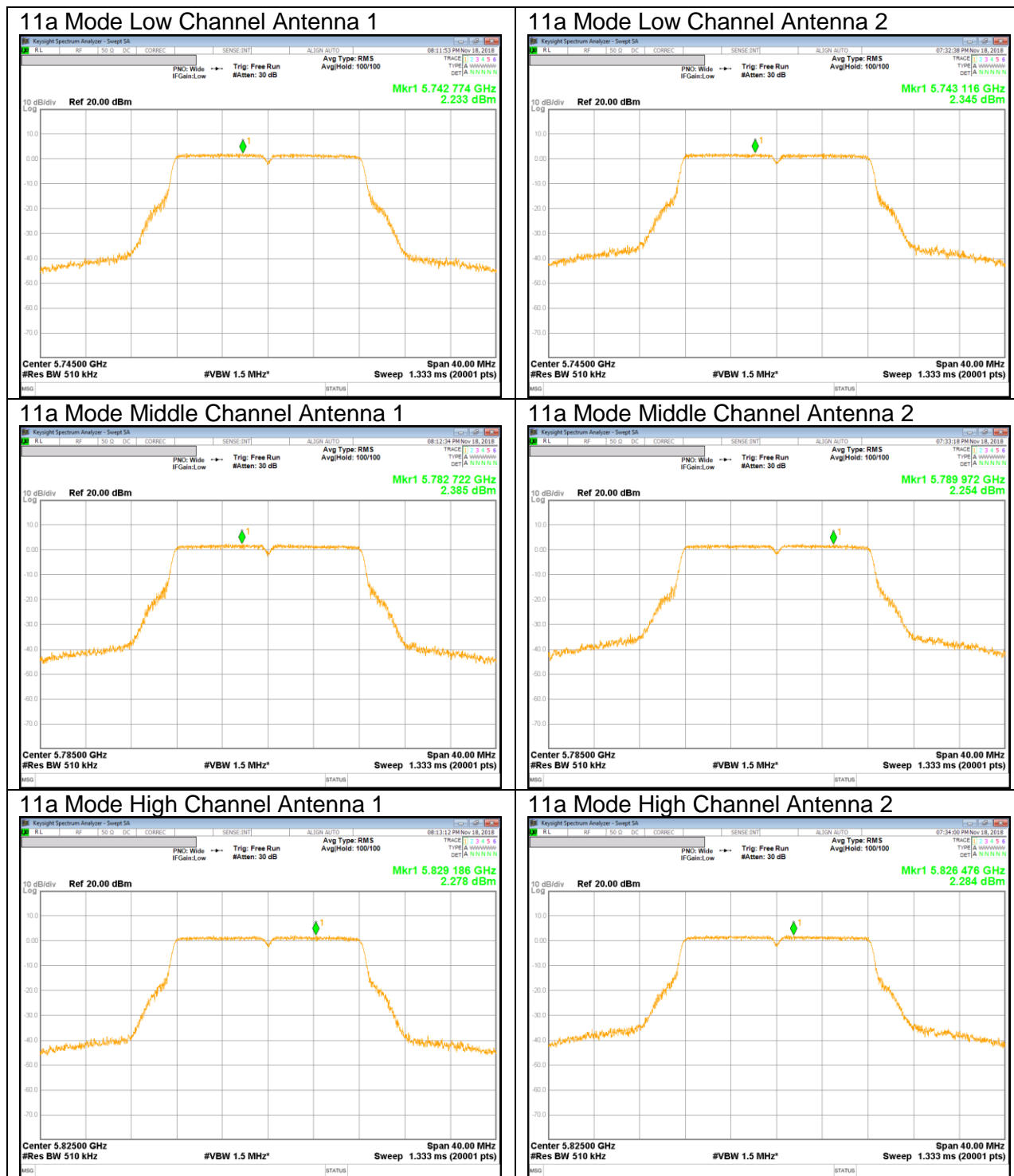
UNII Straddle Ch. IEEE 802.11n HT40 mode Ourput Power and PSD



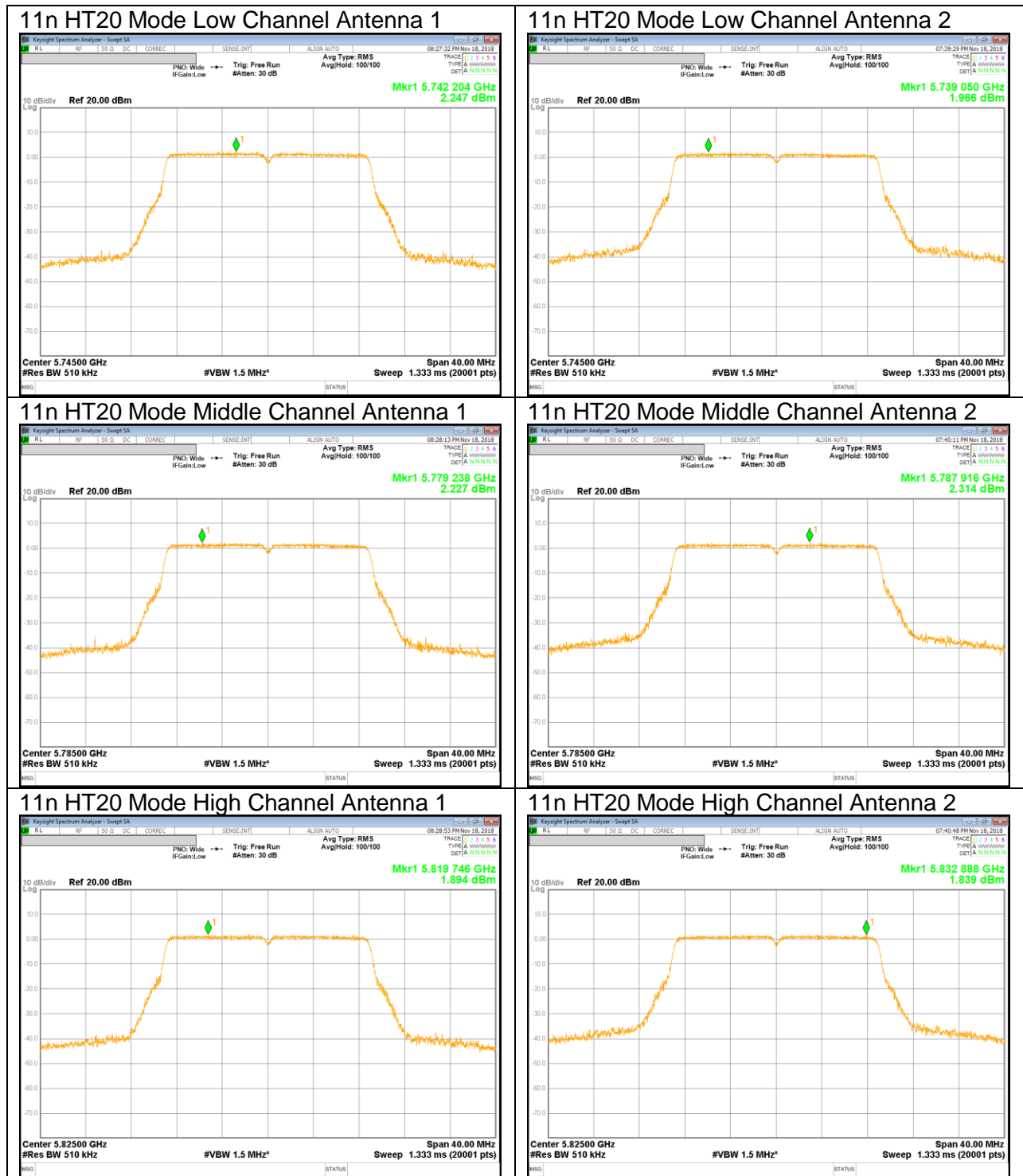
UNII Straddle Ch. IEEE 802.11ac VHT80 mode Ourput Power and PSD



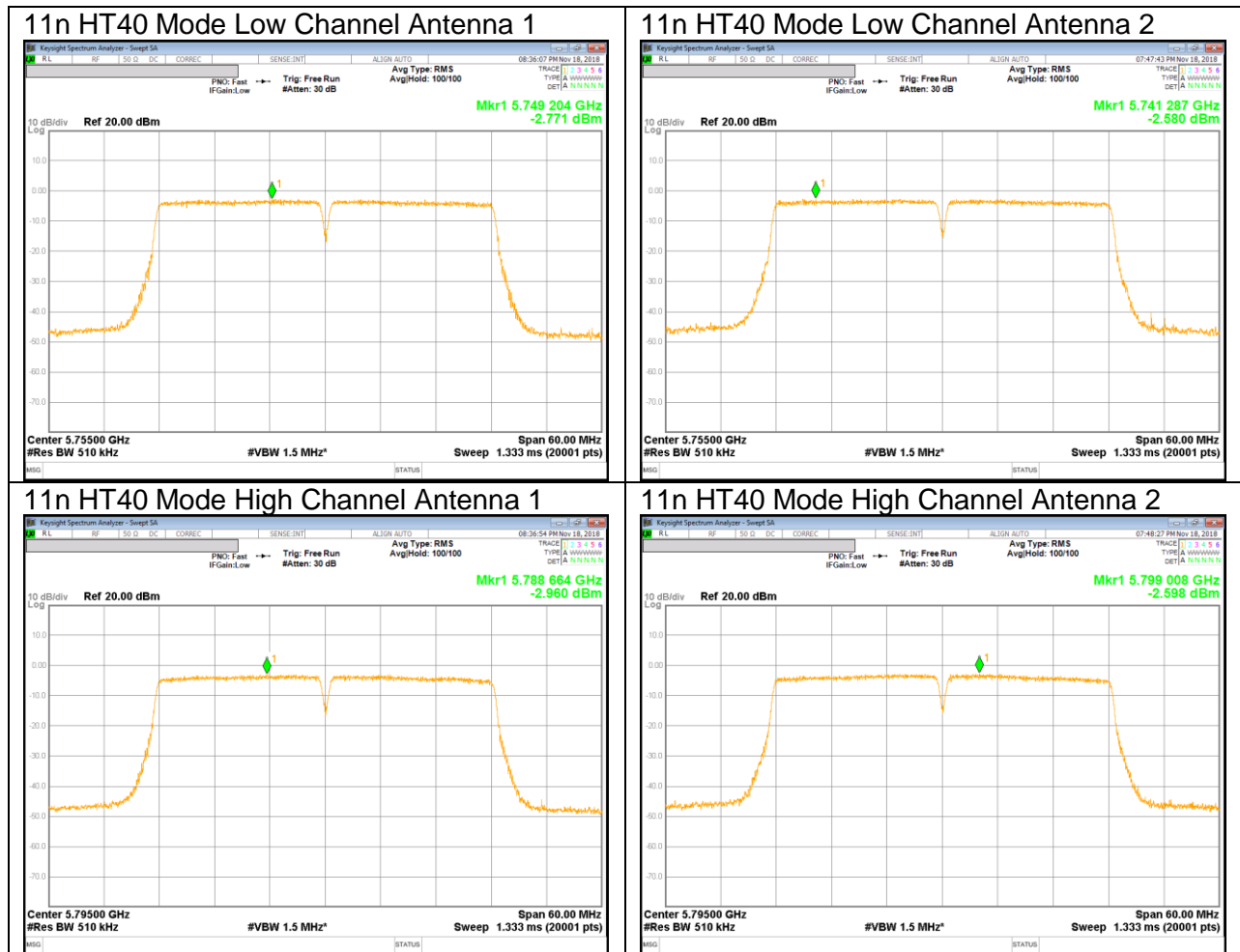
UNII 5.8 GHz IEEE 802.11a mode PSD



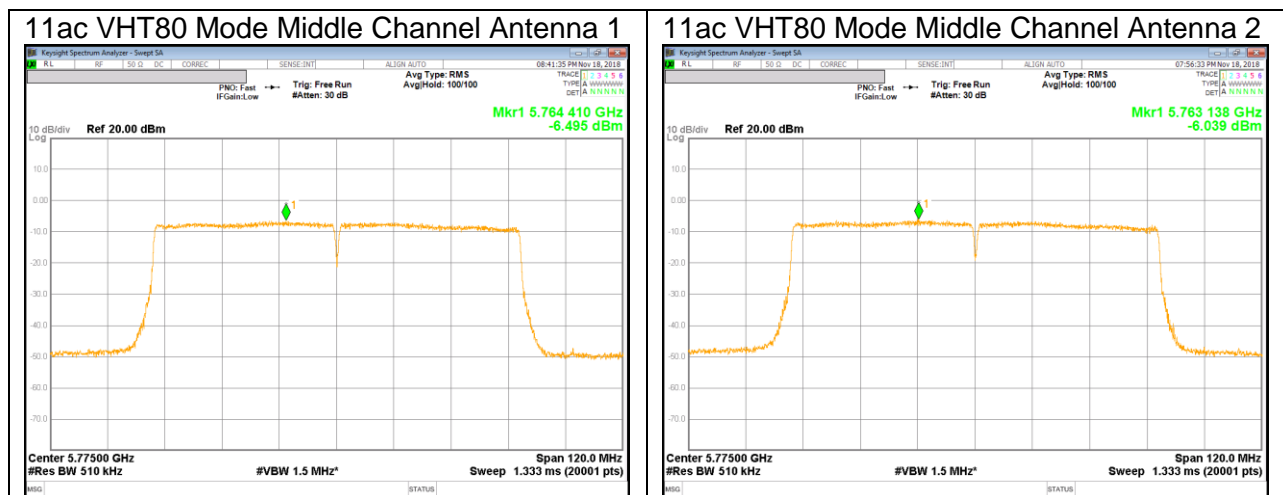
UNII 5.8 GHz IEEE 802.11n HT20 mode mode PSD



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 area test site, adequate comparison measurements were confirmed against 30 m open are test site.

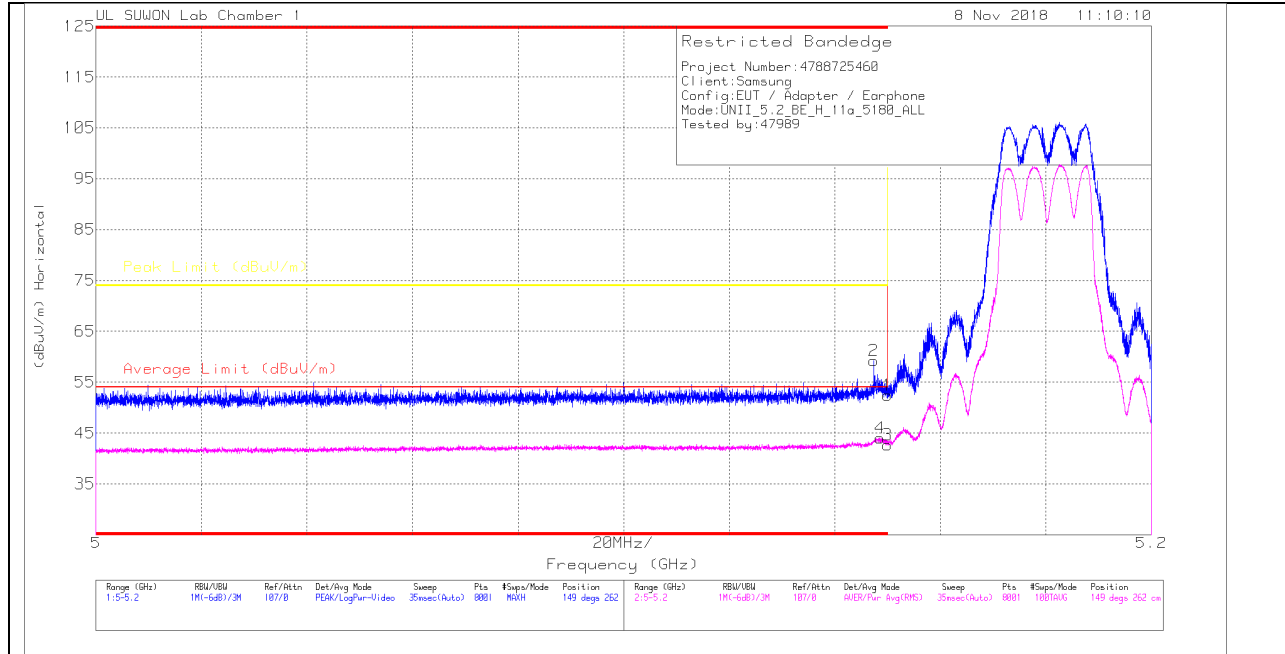
Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the one of tests made in an open field based on KDB 414788.

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 PLOT



HORIZONTAL DATA

Trace Markers

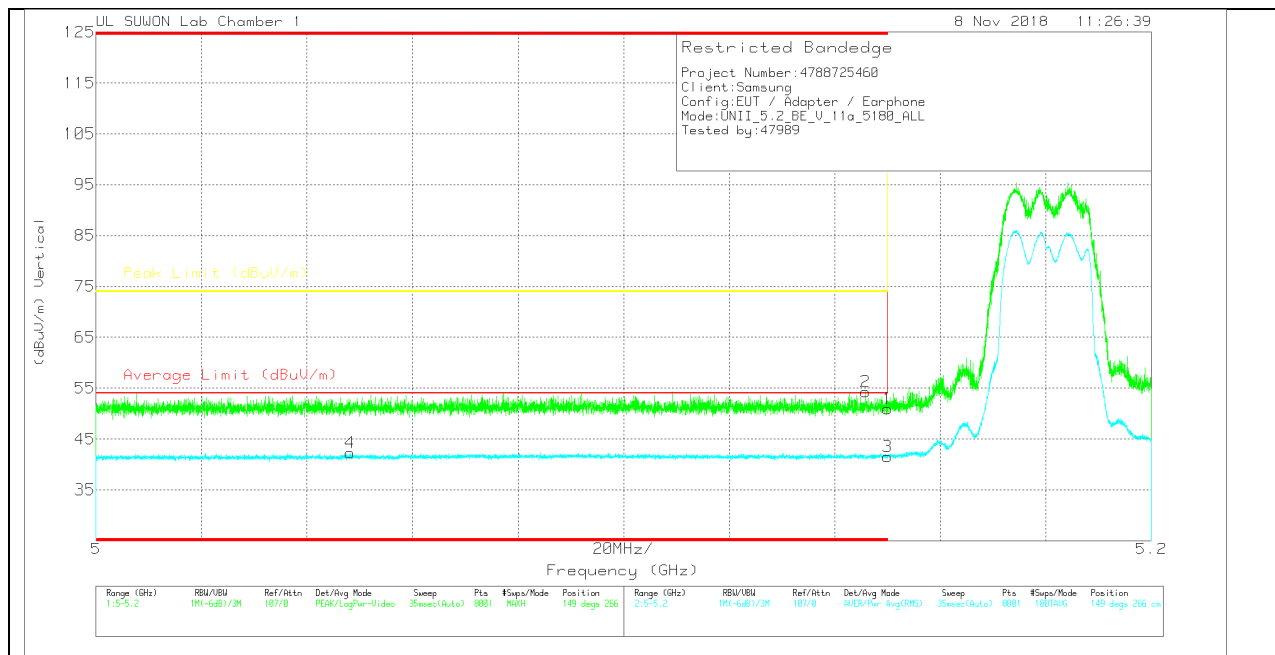
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	5.15	39.7	Pk	34.5	-21.8	0	52.4	-	-	74	-21.6	149	262	H
2	* 5.147	46.66	Pk	34.4	-21.8	0	59.26	-	-	74	-14.74	149	262	H
3	5.15	30.19	RMS	34.5	-22	0	42.69	54	-11.31	-	-	149	262	H
4	* 5.149	31.57	RMS	34.4	-22	0	43.97	54	-10.03	-	-	149	262	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	5.15	38.27	Pk	34.5	-21.8	0	50.97	-	-	74	-23.03	149	266	V
2	* 5.146	41.73	Pk	34.4	-21.8	0	54.33	-	-	74	-19.67	149	266	V
3	5.15	29.07	RMS	34.5	-22	0	41.57	54	-12.43	-	-	149	266	V
4	* 5.048	29.78	RMS	34.3	-21.8	0	42.28	54	-11.72	-	-	149	266	V

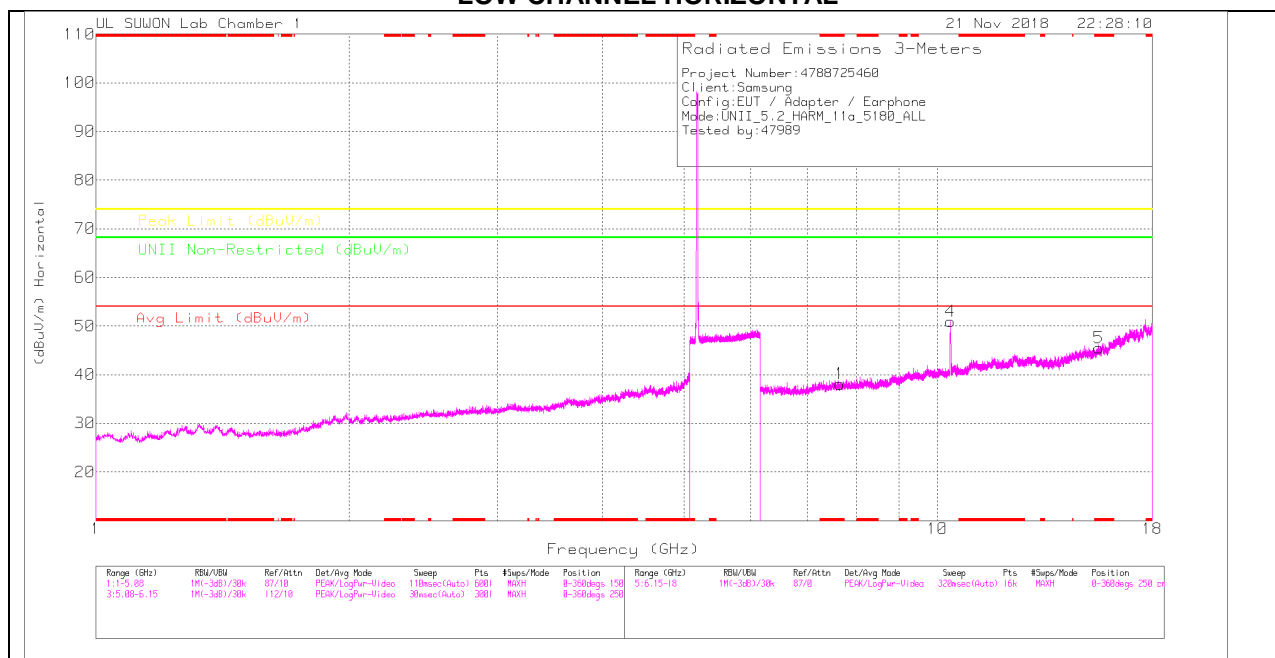
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

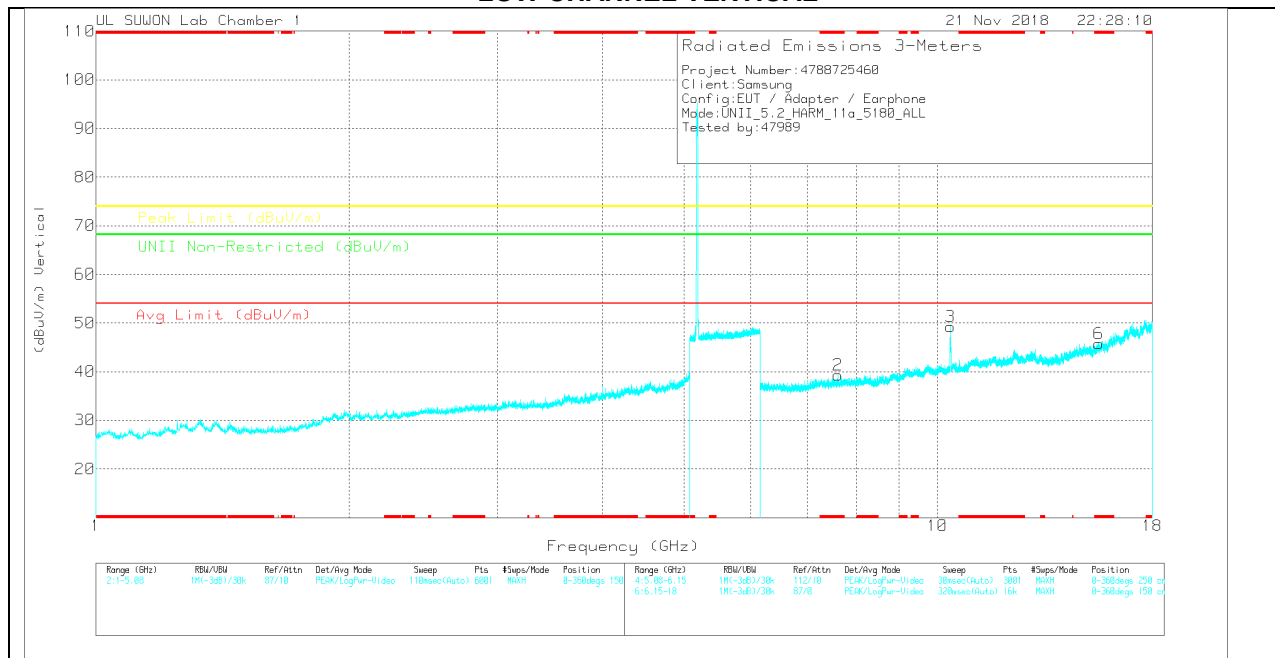
RMS - RMS detection

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_00168717	6GHz_HPF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 7.658	29.17	PK	35.8	-26.9	0	38.07	-	-	74	-35.93	-	-	0-360	150	H
4	10.359	35.62	PK	37.6	-22.3	0	50.92	-	-	-	-	68.2	-17.28	0-360	250	H
5	* 15.542	26.11	PK	40.2	-20.8	0	45.51	-	-	74	-28.49	-	-	0-360	250	H
2	* 7.615	30.04	PK	35.8	-26.6	0	39.24	-	-	74	-34.76	-	-	0-360	150	V
3	10.366	33.89	PK	37.6	-22.2	0	49.29	-	-	-	-	68.2	-18.91	0-360	250	V
6	* 15.541	26.35	PK	40.2	-20.8	0	45.75	-	-	74	-28.25	-	-	0-360	250	V

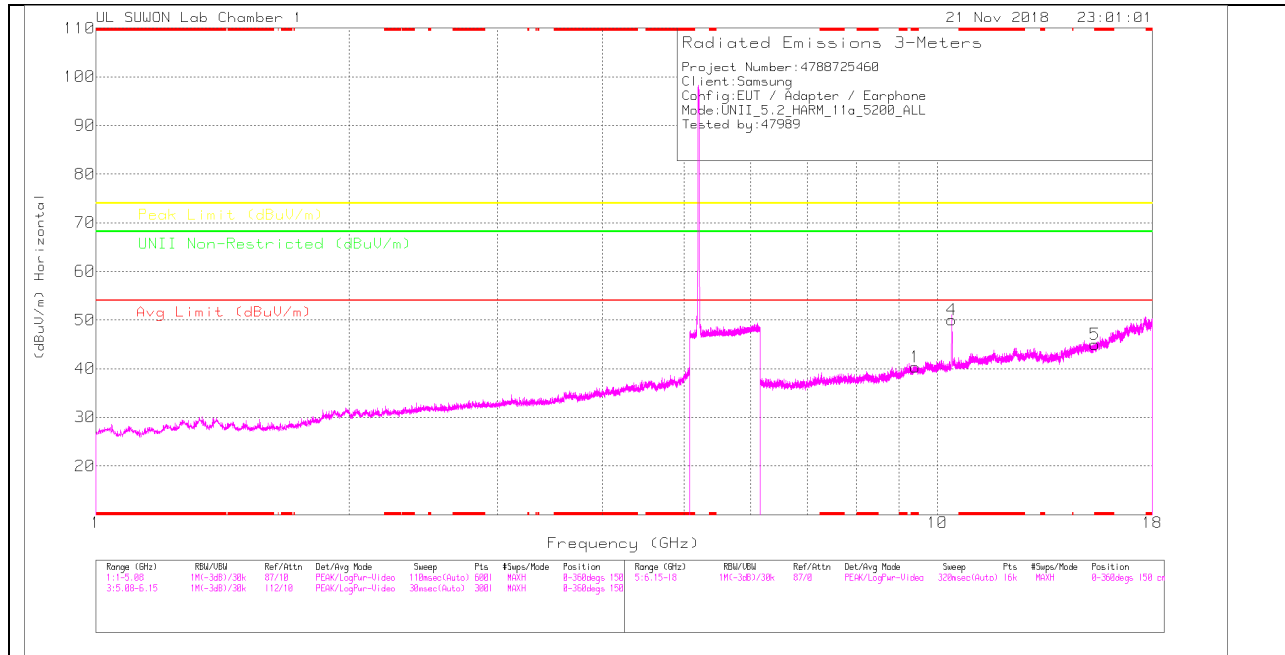
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

Radiated Emissions

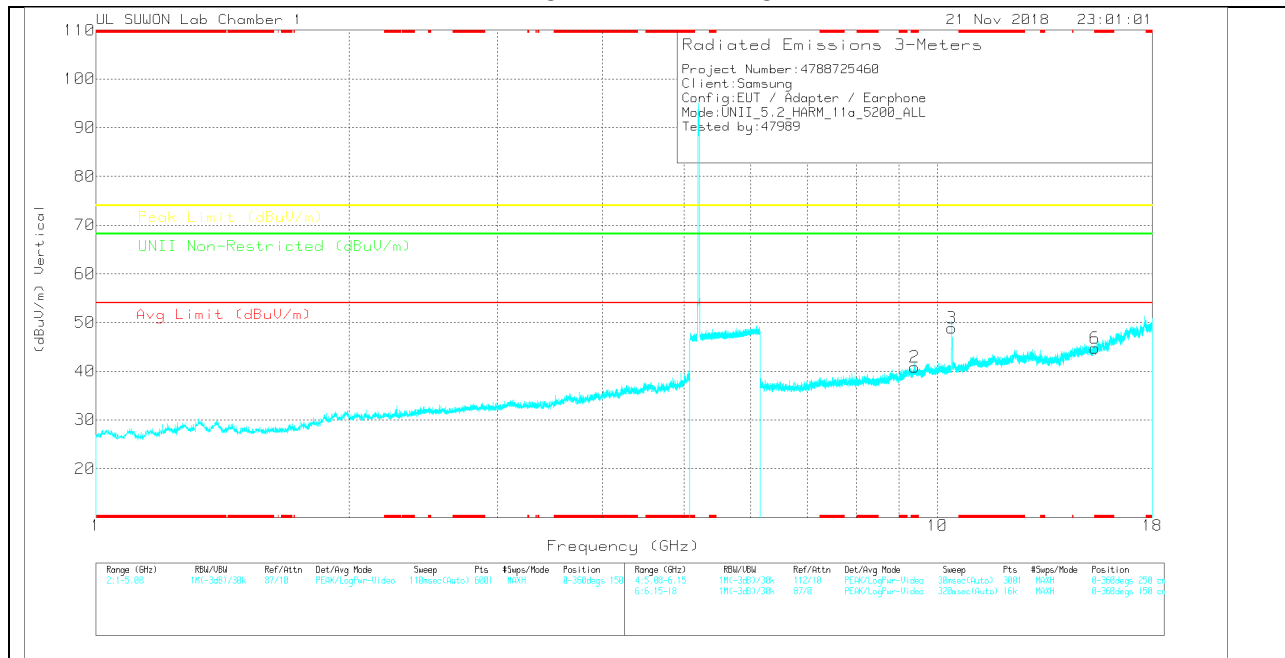
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HPF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
10.366	48.35	PK-U	37.6	-22.3	0	63.65	-	-	-	-	68.2	-4.55	241	232	H
10.366	45.17	PK-U	37.6	-22.3	0	60.47	-	-	-	-	68.2	-7.73	231	248	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_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 9.41	27.25	PK	36.8	-23.7	0	40.35	-	-	74	-33.65	-	-	0-360	150	H
4	10.395	34.3	PK	37.6	-21.9	0	50	-	-	-	-	68.2	-18.2	0-360	250	H
5	* 15.379	26	PK	40.1	-21.1	0	45	-	-	74	-29	-	-	0-360	250	H
2	* 9.397	27.74	PK	36.8	-23.7	0	40.84	-	-	74	-33.16	-	-	0-360	150	V
3	10.397	33.12	PK	37.6	-21.9	0	48.82	-	-	-	-	68.2	-19.38	0-360	250	V
6	* 15.385	25.71	PK	40.1	-21.1	0	44.71	-	-	74	-29.29	-	-	0-360	250	V

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

PK – Peak detector

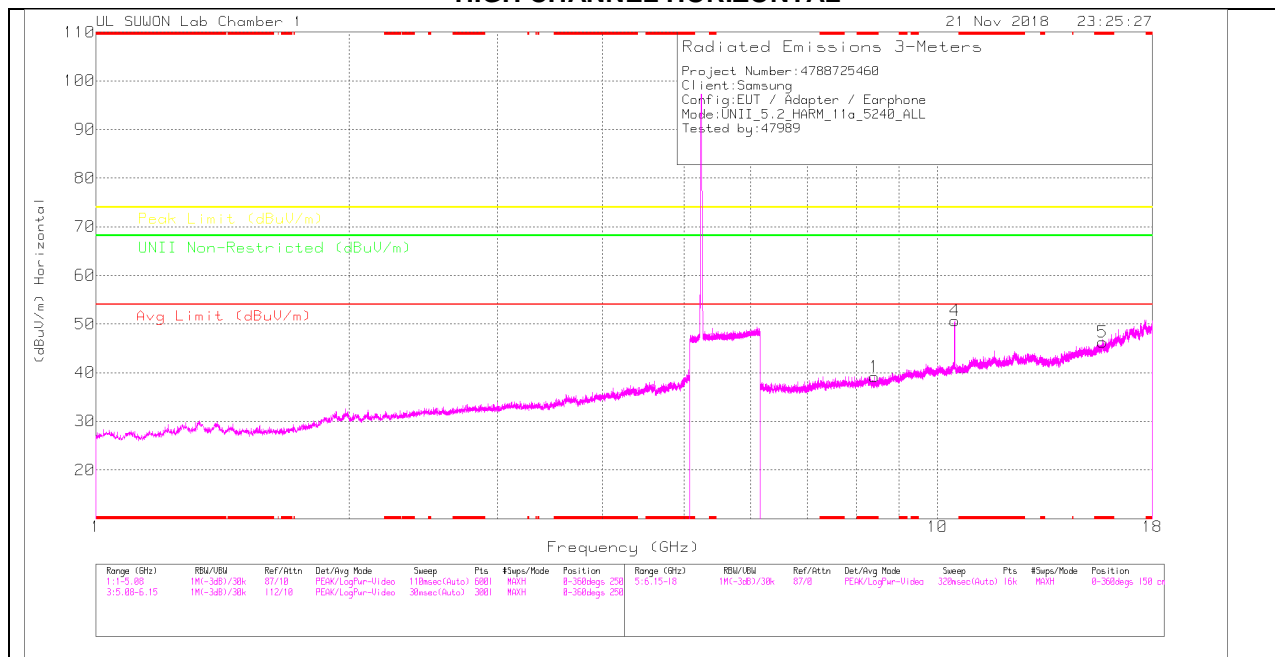
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.401	47.04	PK-U	37.6	-21.8	0	62.84	-	-	-	-	68.2	-5.36	229	243	H
10.398	45.95	PK-U	37.6	-21.8	0	61.75	-	-	-	-	68.2	-6.45	223	245	V

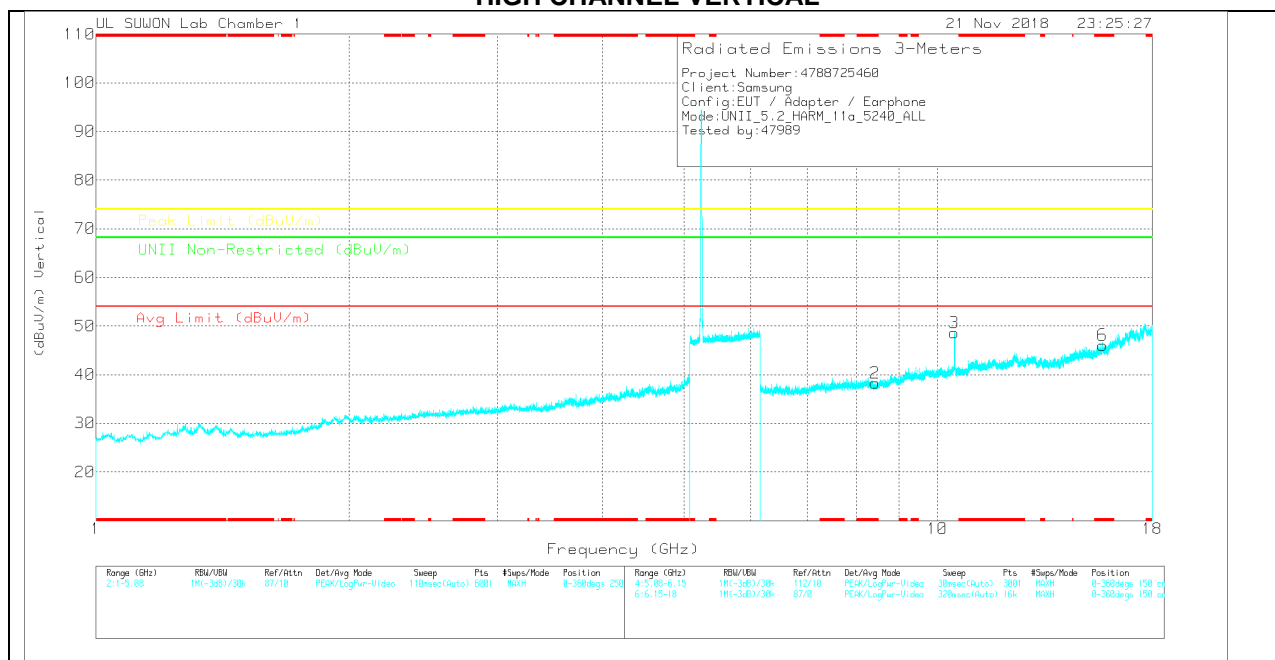
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.418	28.63	PK	36.3	-25.8	0	39.13	-	-	74	-34.87	-	-	0-360	150	H
4	10.482	34.76	PK	37.7	-21.8	0	50.66	-	-	-	-	68.2	-17.54	0-360	250	H
5	* 15.718	26.83	PK	40.4	-21	0	46.23	-	-	74	-27.77	-	-	0-360	250	H
2	* 8.424	27.76	PK	36.3	-25.8	0	38.26	-	-	74	-35.74	-	-	0-360	250	V
3	10.476	32.59	PK	37.7	-21.7	0	48.59	-	-	-	-	68.2	-19.61	0-360	250	V
6	* 15.699	26.68	PK	40.4	-21	0	46.08	-	-	74	-27.92	-	-	0-360	250	V

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

Radiated Emissions

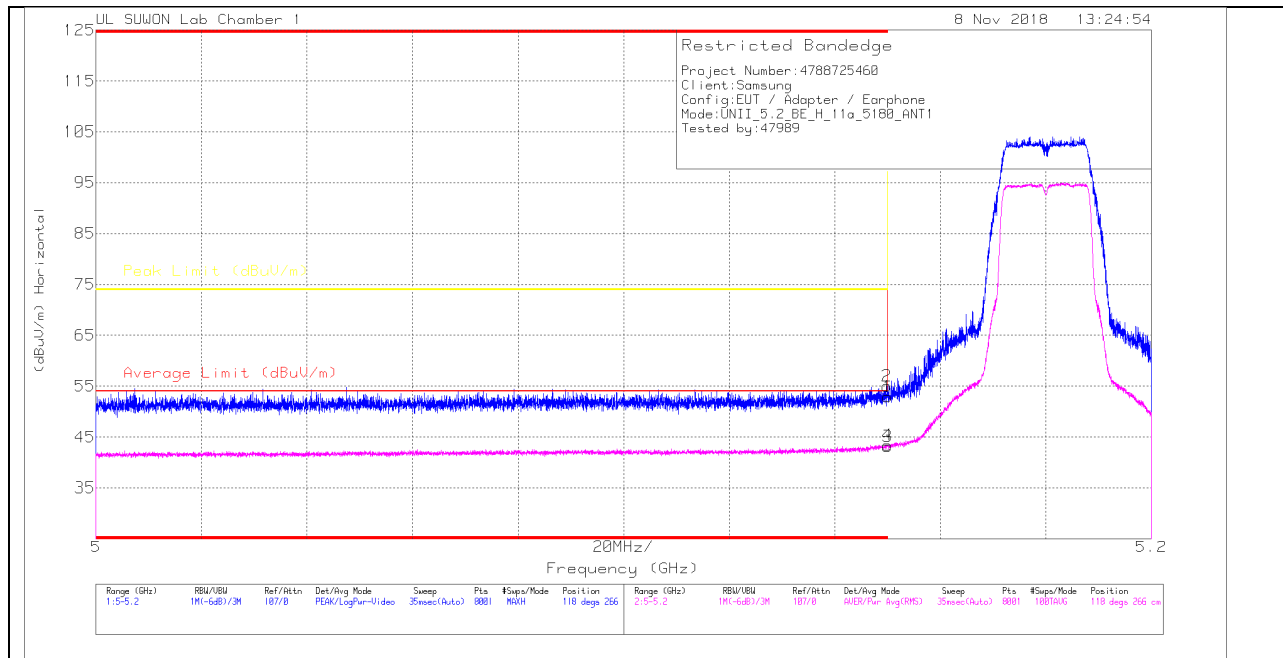
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.481	46.07	PK-U	37.7	-21.8	0	61.97	-	-	-	-	68.2	-6.23	226	231	H
10.486	44.19	PK-U	37.7	-21.9	0	59.99	-	-	-	-	68.2	-8.21	215	259	V

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

11.1.2.TX Above 1GHz 802.11a 1Tx ANT1 IN THE 5.2GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

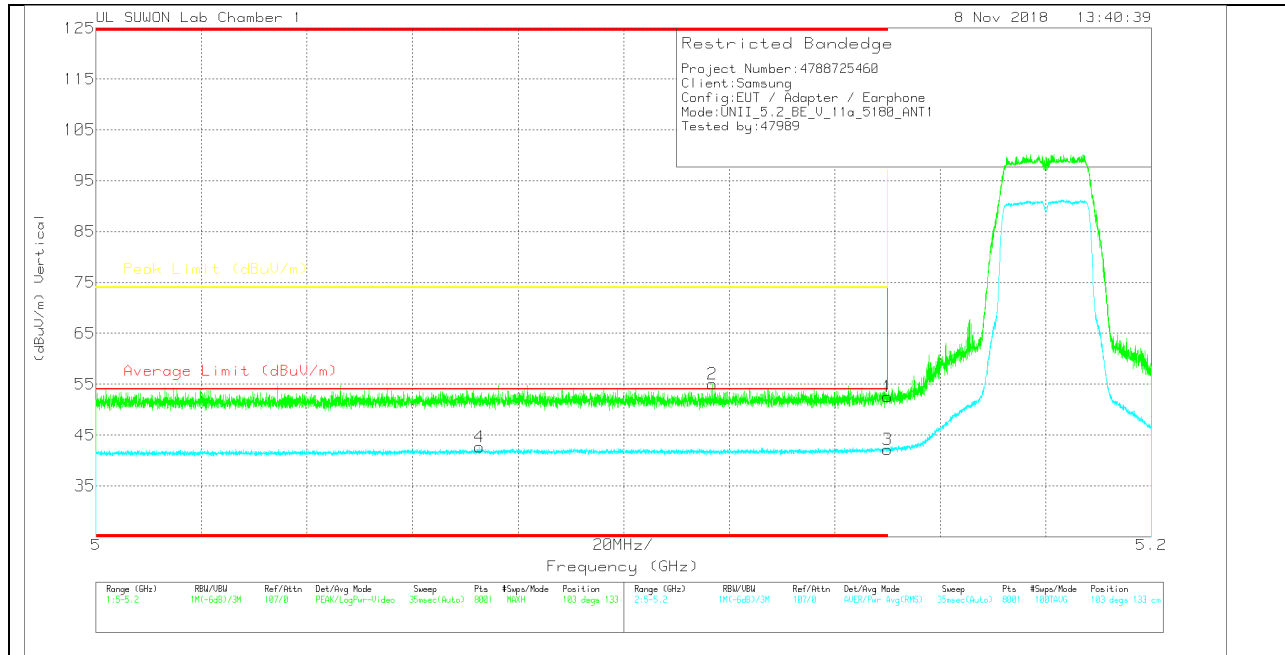
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	40.17	Pk	34.5	-21.8	0	52.87	-	-	74	-21.13	118	266	H
2	* 5.15	42.38	Pk	34.4	-21.8	0	54.98	-	-	74	-19.02	118	266	H
3	5.15	30.68	RMS	34.5	-22	0	43.18	54	-10.82	-	-	118	266	H
4	* 5.15	31.02	RMS	34.4	-22	0	43.42	54	-10.58	-	-	118	266	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	5.15	39.86	Pk	34.5	-21.8	0	52.56	-	-	74	-21.44	103	133	V
2	* 5.117	42.39	Pk	34.4	-21.8	0	54.99	-	-	74	-19.01	103	133	V
3	5.15	29.67	RMS	34.5	-22	0	42.17	54	-11.83	-	-	103	133	V
4	* 5.073	30.12	RMS	34.3	-21.8	0	42.62	54	-11.38	-	-	103	133	V

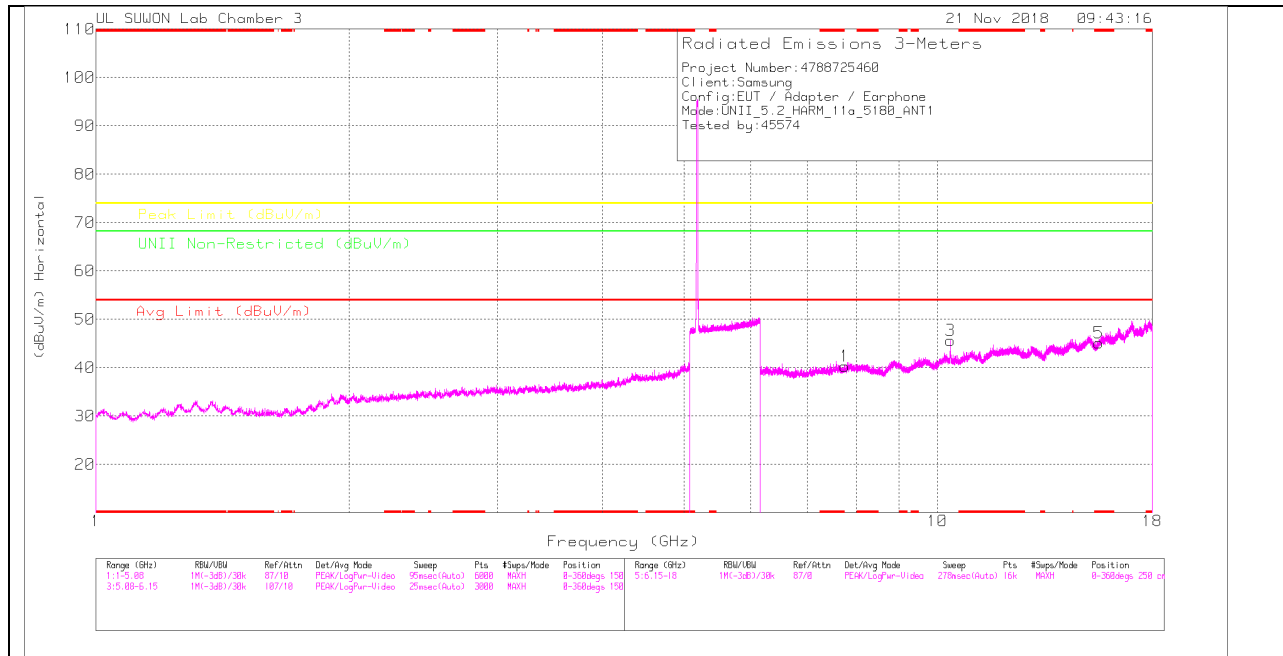
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

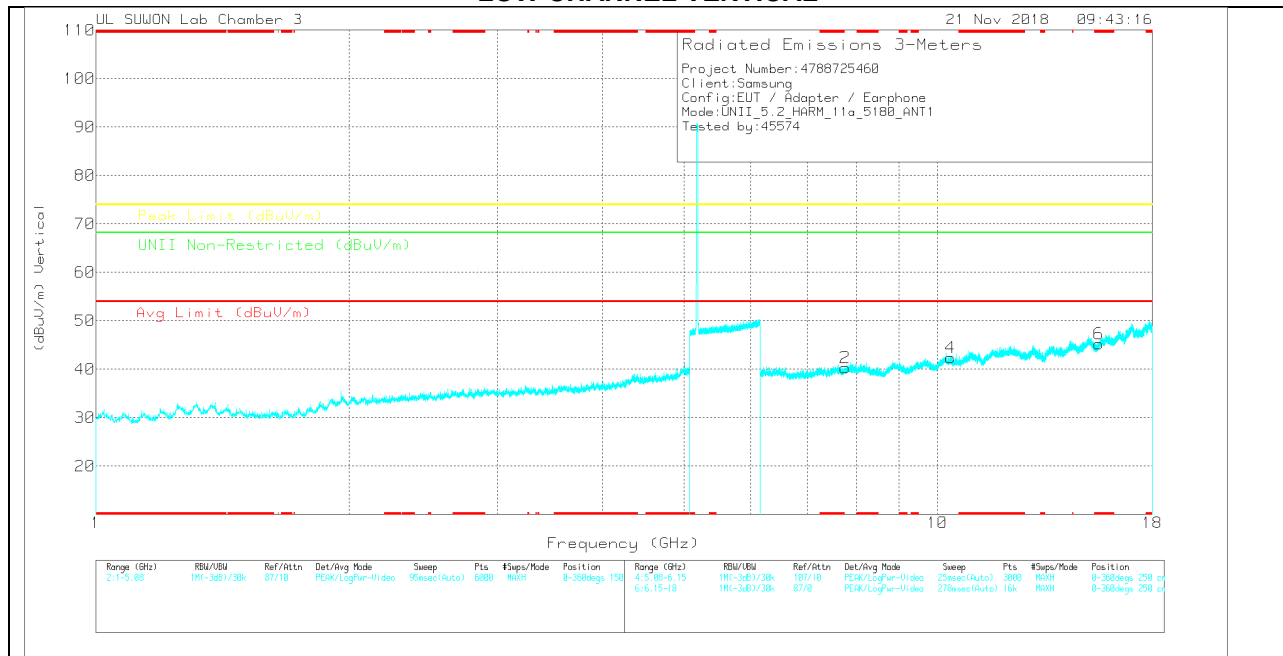
RMS - RMS detection

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_00209559	6GHz_HPF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	7.768	27.36	PK	35.9	-23	0	40.26	-	-	-	-	68.2	-27.94	0-360	250	H
3	10.36	27.19	PK	37.6	-19.2	0	45.59	-	-	-	-	68.2	-22.61	0-360	250	H
5	* 15.54	24.55	PK	40.2	-19.6	0	45.15	-	-	74	-28.85	-	-	0-360	150	H
2	7.769	27.44	PK	35.9	-23	0	40.34	-	-	-	-	68.2	-27.86	0-360	250	V
4	10.357	24.12	PK	37.6	-19.3	0	42.42	-	-	-	-	68.2	-25.78	0-360	150	V
6	* 15.541	24.8	PK	40.2	-19.7	0	45.3	-	-	74	-28.7	-	-	0-360	150	V

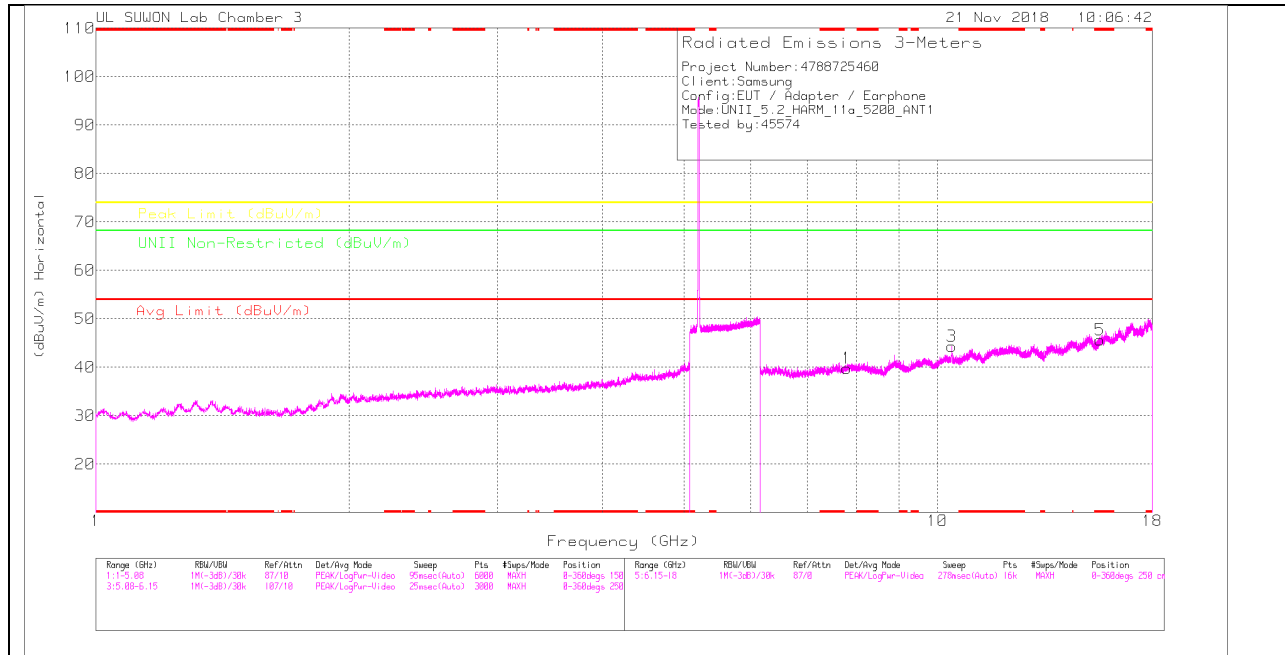
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

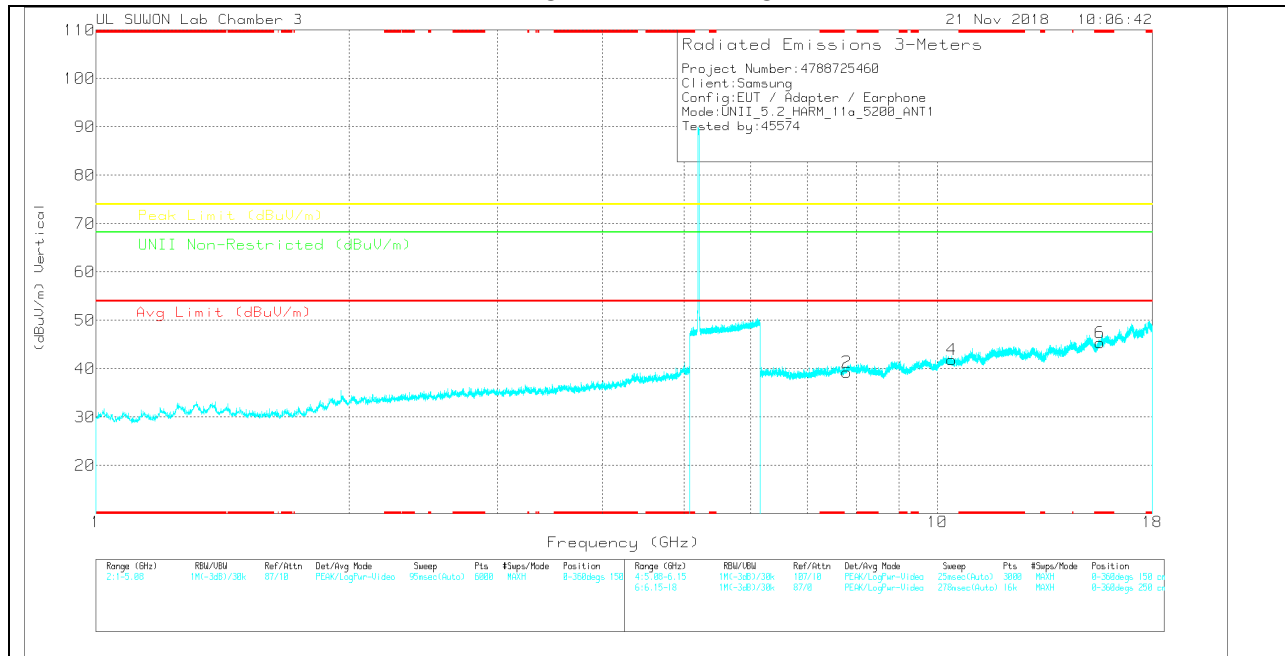
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00209559	6GHz_HPF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
10.359	39.06	PK-U	37.6	-19.2	0	57.46	-	-	-	-	68.2	-10.74	195	259	H

* - 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_00205959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unli Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.802	26.7	PK	35.9	-22.8	0	39.8	-	-	-	-	68.2	-28.4	0-360	150	H
3	10.4	26.07	PK	37.6	-19.3	0	44.37	-	-	-	-	68.2	-23.83	0-360	250	H
5	* 15.6	24.93	PK	40.2	-19.5	0	45.63	-	-	74	-28.37	-	-	0-360	150	H
2	7.802	26.17	PK	35.9	-22.8	0	39.27	-	-	-	-	68.2	-28.93	0-360	250	V
4	10.4	23.55	PK	37.6	-19.3	0	41.85	-	-	-	-	68.2	-26.35	0-360	150	V
6	* 15.6	24.65	PK	40.2	-19.5	0	45.35	-	-	74	-28.65	-	-	0-360	150	V

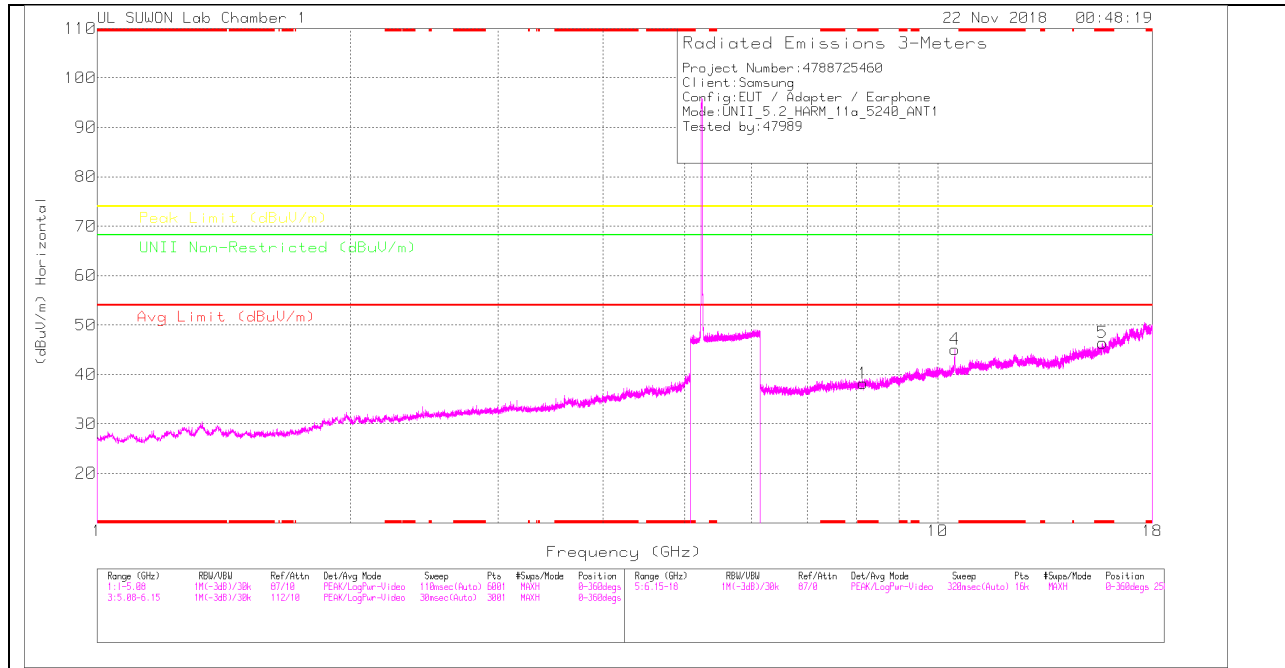
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

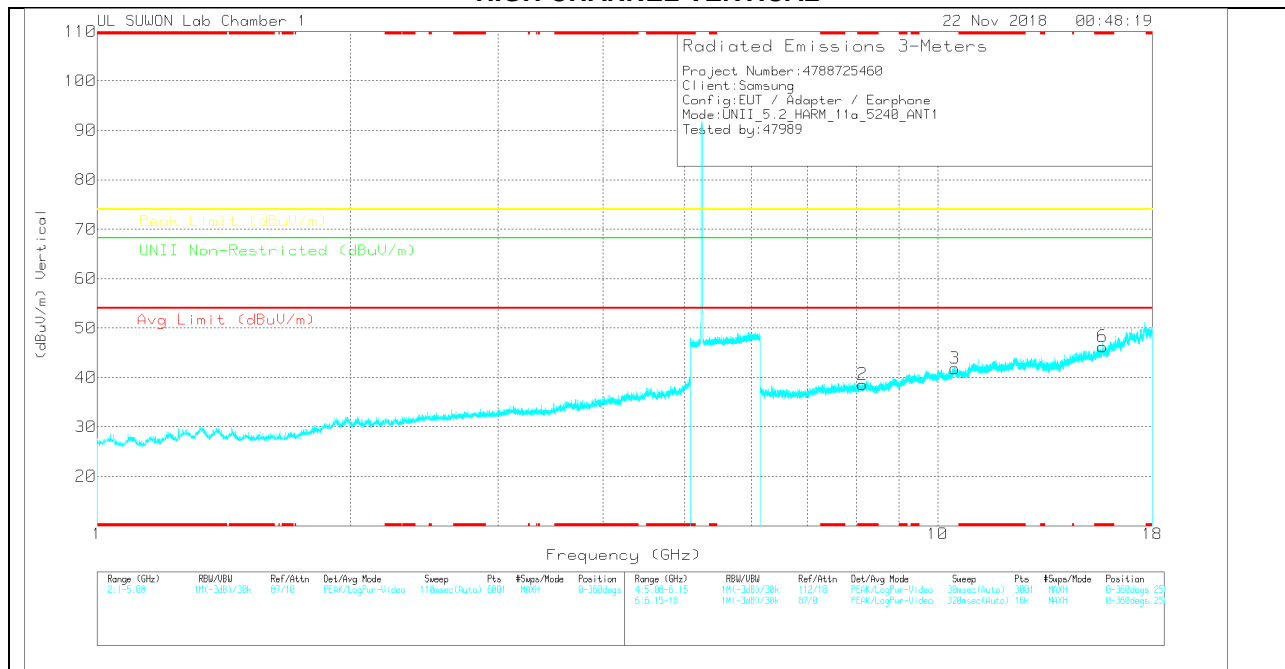
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unli Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.403	34.53	PK-U	37.6	-19.3	0	52.83	-	-	-	-	68.2	-15.37	185	259	H

* - 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_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.148	28.18	PK	36.3	-26.3	0	38.18	-	-	74	-35.82	-	-	0-360	250	H
4	10.479	29.2	PK	37.7	-21.8	0	45.1	-	-	-	-	68.2	-23.1	0-360	250	H
5	* 15.714	27.01	PK	40.4	-21	0	46.41	-	-	74	-27.59	-	-	0-360	250	H
2	* 8.143	28.63	PK	36.3	-26.3	0	38.63	-	-	74	-35.37	-	-	0-360	150	V
3	10.477	25.93	PK	37.7	-21.8	0	41.83	-	-	-	-	68.2	-26.37	0-360	150	V
6	* 15.717	26.85	PK	40.4	-21	0	46.25	-	-	74	-27.75	-	-	0-360	150	V

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

Radiated Emissions

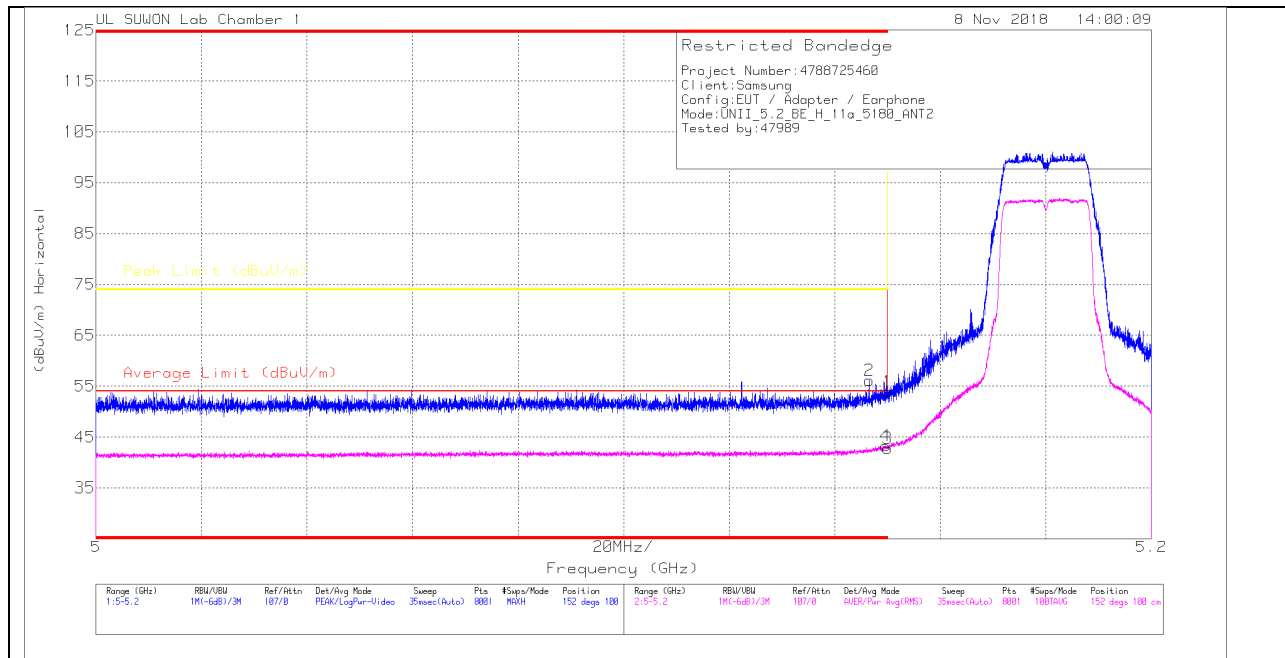
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.478	41.16	PK-U	37.7	-21.8	0	57.06	-	-	-	-	68.2	-11.14	195	216	H
10.48	36.72	PK-U	37.7	-21.8	0	52.62	-	-	-	-	68.2	-15.58	99	118	V

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

11.1.3.TX Above 1GHz 802.11a 1Tx ANT2 IN THE 5.2GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

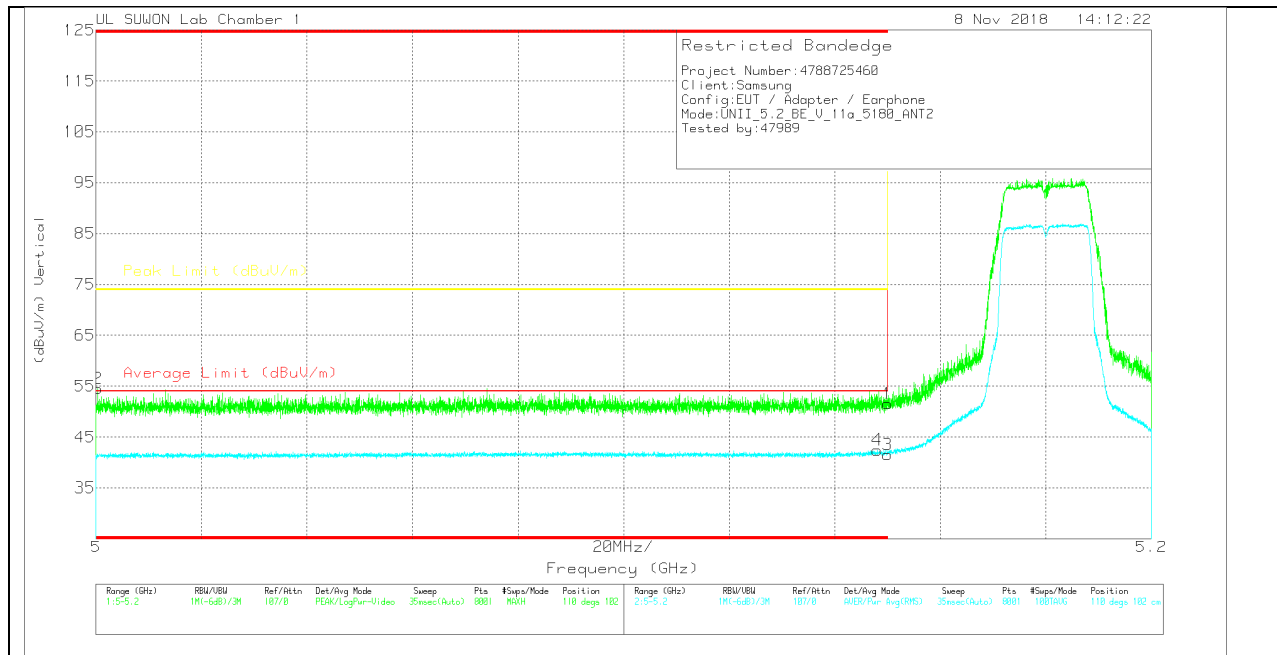
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	41.19	Pk	34.5	-21.8	0	53.89	-	-	74	-20.11	152	100	H
2	* 5.147	43.55	Pk	34.4	-21.8	0	56.15	-	-	74	-17.85	152	100	H
3	5.15	30.3	RMS	34.5	-22	0	42.8	54	-11.2	-	-	152	100	H
4	* 5.15	30.86	RMS	34.4	-22	0	43.26	54	-10.74	-	-	152	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	5.15	38.87	Pk	34.5	-21.8	0	51.57	-	-	74	-22.43	110	102	V
2	* 5	42.17	Pk	34.2	-21.8	0	54.57	-	-	74	-19.43	110	102	V
3	5.15	29.06	RMS	34.5	-22	0	41.56	54	-12.44	-	-	110	102	V
4	* 5.148	30.07	RMS	34.4	-22	0	42.47	54	-11.53	-	-	110	102	V

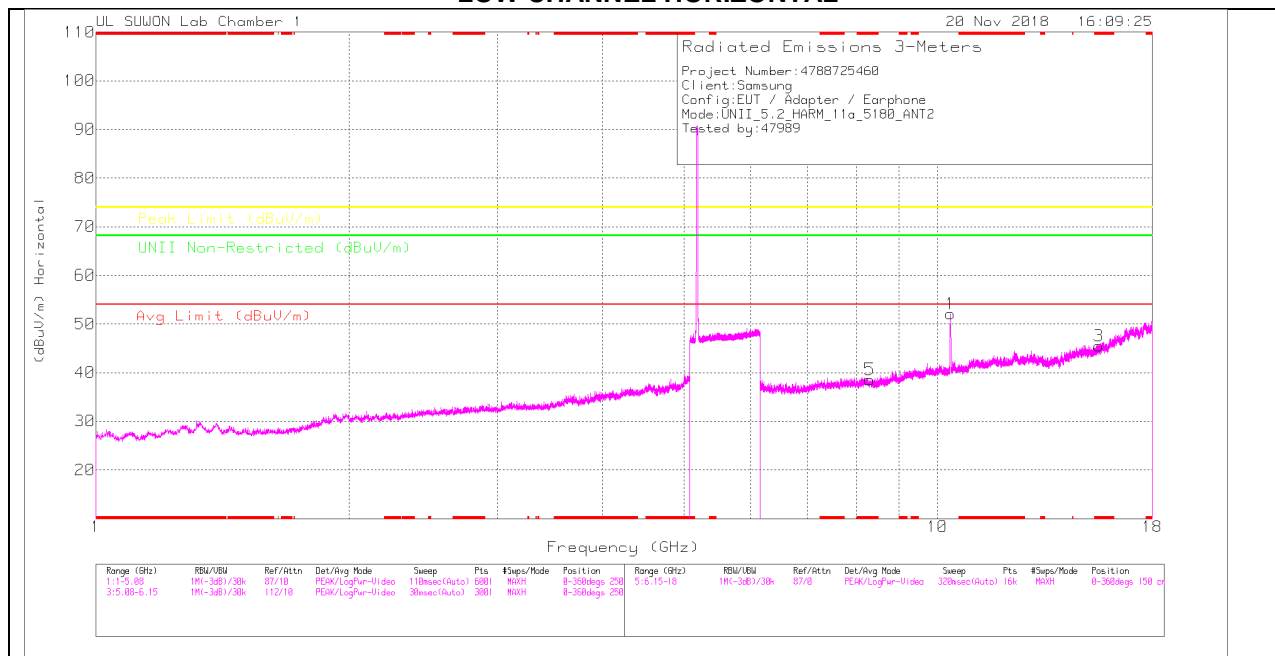
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

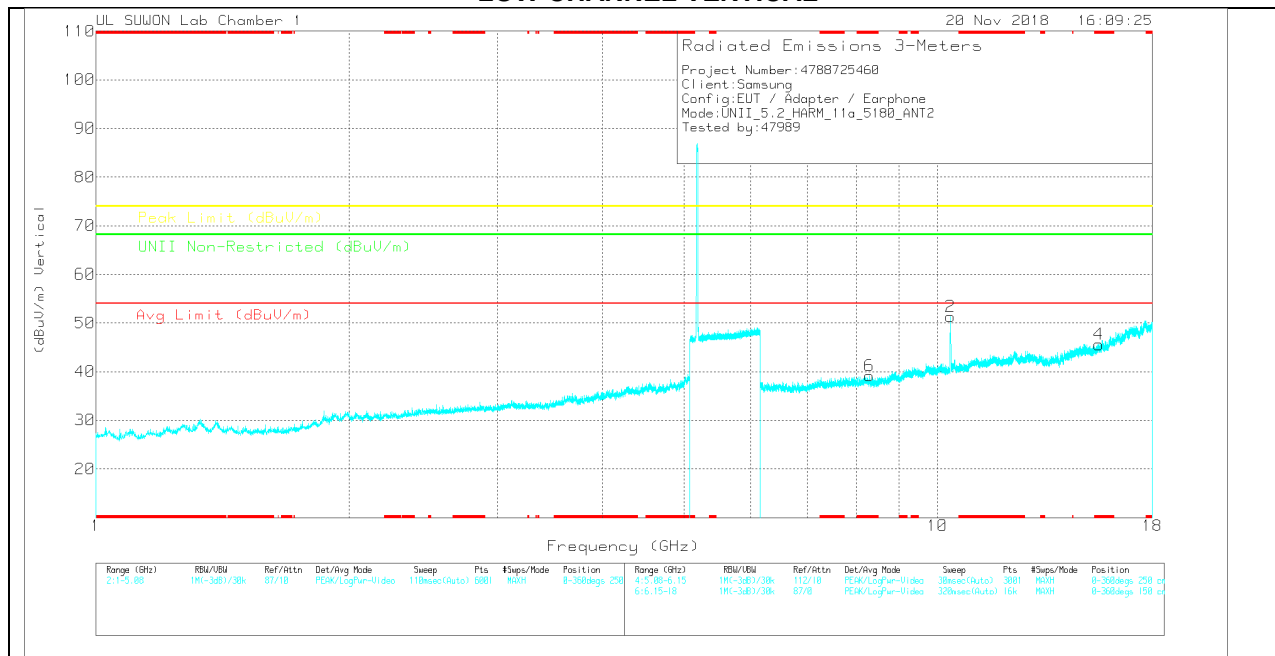
RMS - RMS detection

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_00168717	6GHz_HF(dB)	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)	Asimuth (Degs)	Height (cm)	Polarity
1	10.361	36.82	Avg	37.6	-22.3	0	52.12	-	-	-	-	68.2	-16.08	0-360	250	H
3	* 15.535	25.98	Avg	40.2	-20.7	0	45.48	-	-	74	-28.52	-	-	0-360	150	H
5	* 8.308	27.48	Avg	36.4	-25.3	0	38.58	-	-	74	-35.42	-	-	0-360	250	H
2	10.359	36.03	Avg	37.6	-22.3	0	51.33	-	-	-	-	68.2	-16.87	0-360	250	V
4	* 15.54	26.07	Avg	40.2	-20.7	0	45.57	-	-	74	-28.43	-	-	0-360	150	V
6	* 8.304	28.04	Avg	36.4	-25.3	0	39.14	-	-	74	-34.86	-	-	0-360	250	V

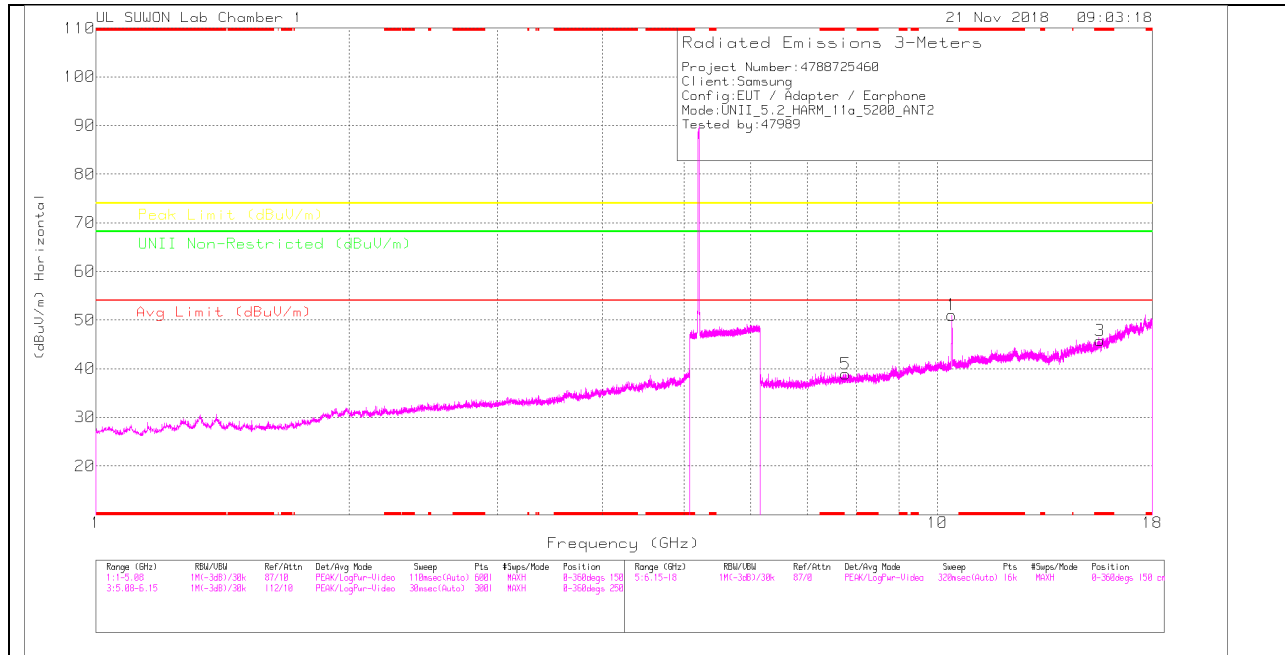
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

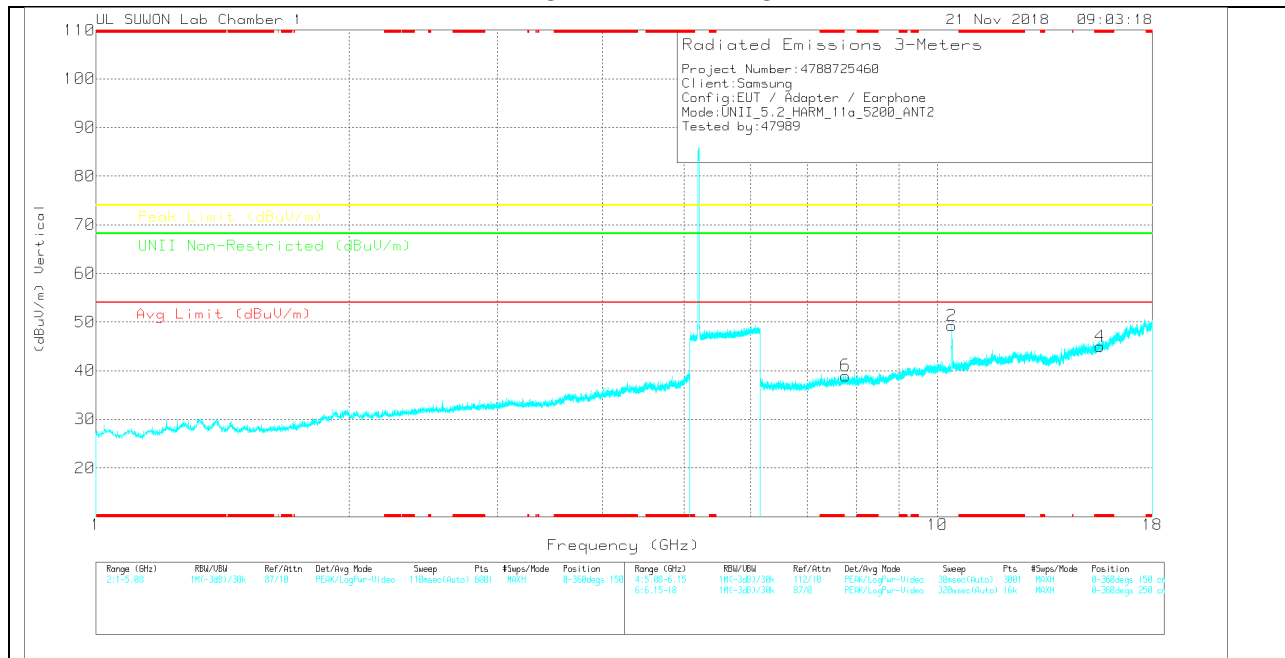
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
10.358	48.83	PK-U	37.6	-22.3	0	64.13	-	-	-	-	68.2	-4.07	107	100	H
10.358	47.35	PK-U	37.6	-22.3	0	62.65	-	-	-	-	68.2	-5.55	216	275	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_00168717	6GHz_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)	Asimuth (Degs)	Height (cm)	Polarity
1	10.399	35.2	PK	37.6	-21.8	0	51	-	-	-	-	68.2	-17.2	0-360	250	H
3	* 15.603	26.82	PK	40.2	-21.3	0	45.72	-	-	74	-28.28	-	-	0-360	250	H
5	7.774	29.42	PK	35.9	-26.4	0	38.92	-	-	-	-	68.2	-29.28	0-360	250	H
2	10.402	33.35	PK	37.6	-21.7	0	49.25	-	-	-	-	68.2	-18.95	0-360	250	V
4	* 15.604	26.05	PK	40.2	-21.3	0	44.95	-	-	74	-29.05	-	-	0-360	150	V
6	7.776	29.47	PK	35.9	-26.4	0	38.97	-	-	-	-	68.2	-29.23	0-360	250	V

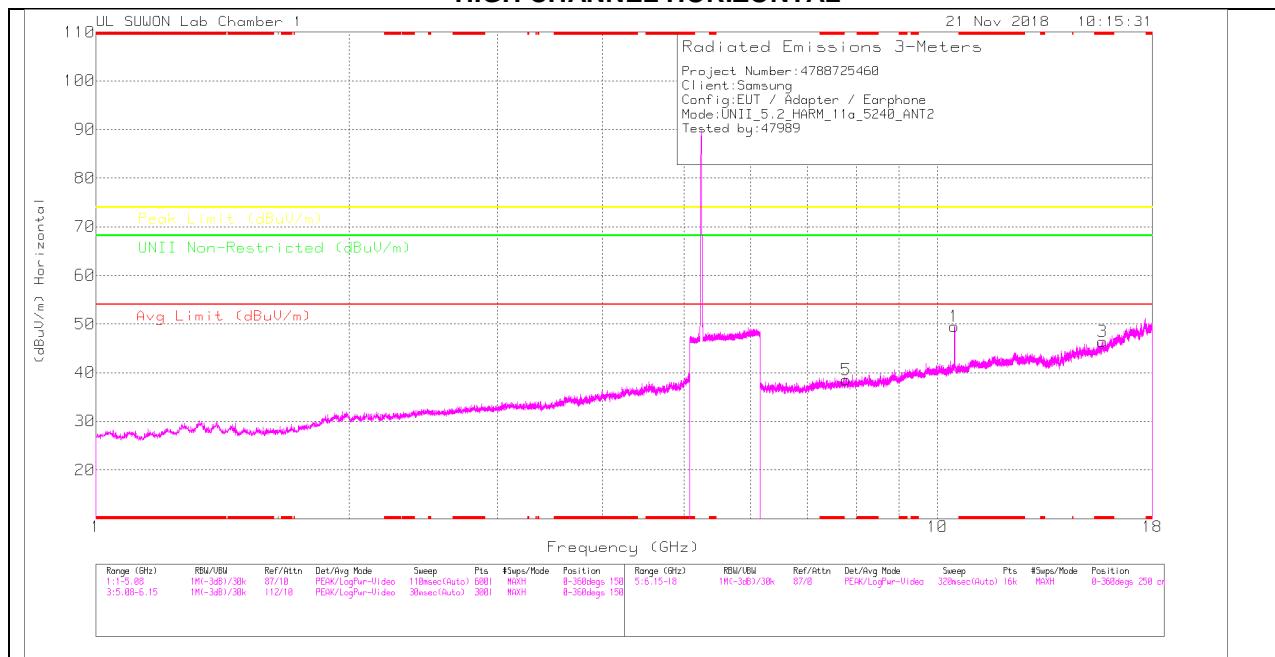
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

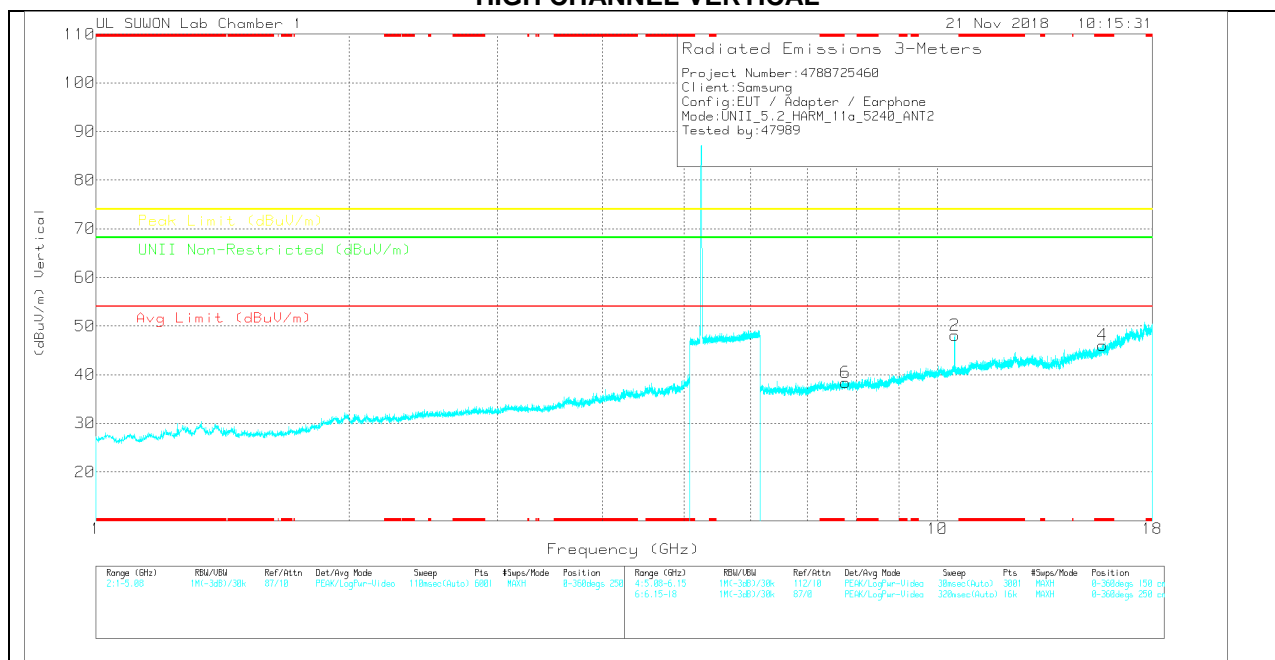
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
10.4	47.87	PK-U	37.6	-21.8	0	63.67	-	-	-	-	68.2	-4.53	97	100	H
10.398	47.25	PK-U	37.6	-21.8	0	63.05	-	-	-	-	68.2	-5.15	215	223	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_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	10.477	33.63	PK	37.7	-21.8	0	49.53	-	-	-	-	68.2	-18.67	0-360	250	H
3	* 15.718	27.04	PK	40.4	-21	0	46.44	-	-	74	-27.56	-	-	0-360	250	H
5	7.785	29.16	PK	35.9	-26.5	0	38.56	-	-	-	-	68.2	-29.64	0-360	250	H
2	10.482	32.16	PK	37.7	-21.8	0	48.06	-	-	-	-	68.2	-20.14	0-360	250	V
4	* 15.714	26.68	PK	40.4	-21	0	46.08	-	-	74	-27.92	-	-	0-360	250	V
6	7.781	28.83	PK	35.9	-26.4	0	38.33	-	-	-	-	68.2	-29.87	0-360	250	V

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

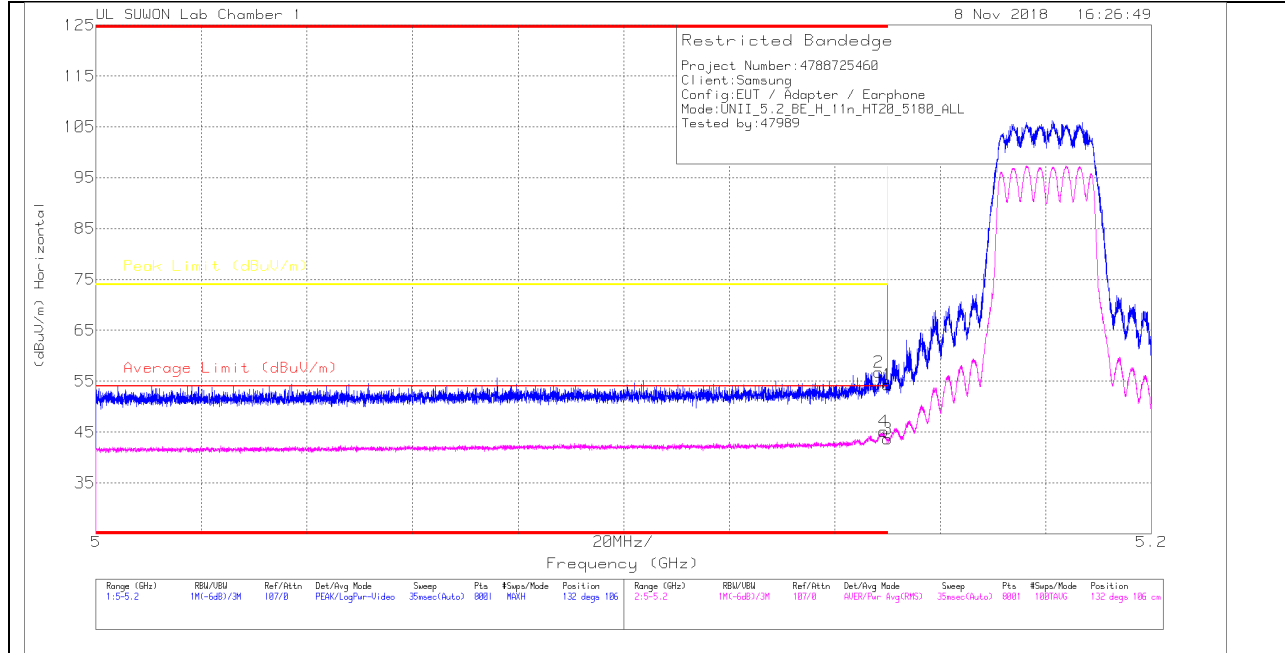
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.478	46.5	PK-U	37.7	-21.8	0	62.4	-	-	-	-	68.2	-5.8	99	108	H
10.479	46.17	PK-U	37.7	-21.8	0	62.07	-	-	-	-	68.2	-6.13	219	229	V

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

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

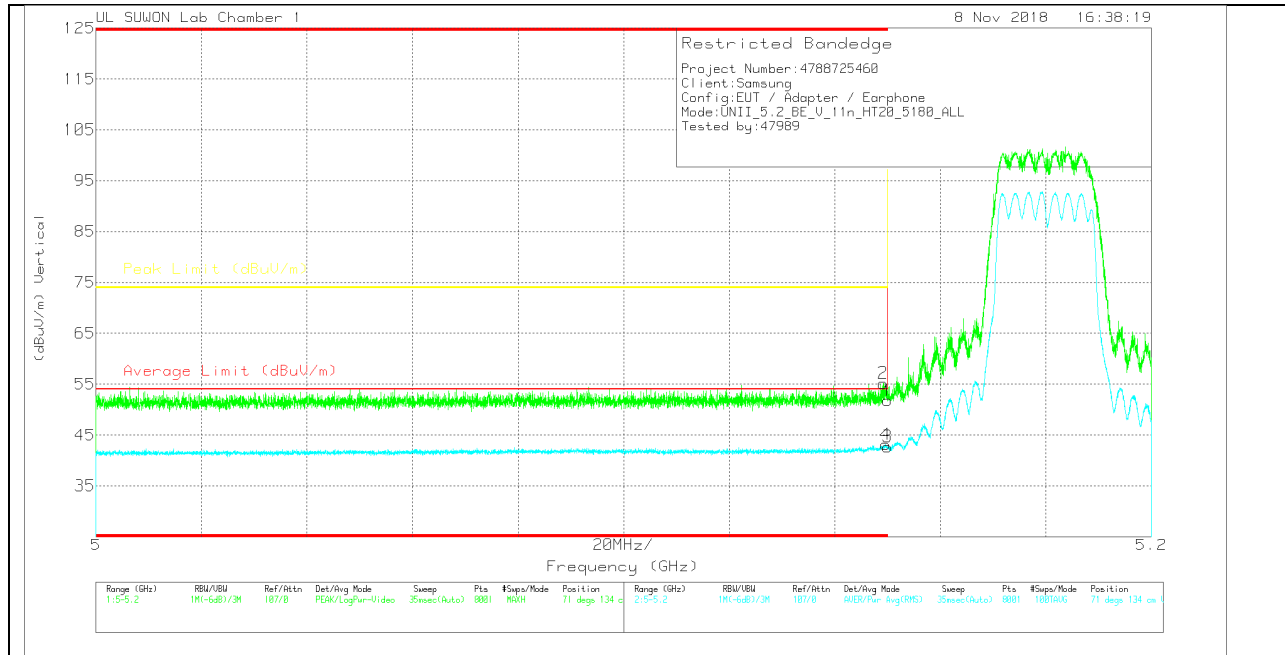
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	41.54	Pk	34.5	-21.8	0	54.24	-	-	74	-19.76	132	106	H
2	* 5.148	44.21	Pk	34.4	-21.8	0	56.81	-	-	74	-17.19	132	106	H
3	5.15	31.1	RMS	34.5	-22	0	43.6	54	-10.4	-	-	132	106	H
4	* 5.149	32.69	RMS	34.4	-22	0	45.09	54	-8.91	-	-	132	106	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	5.15	39.11	Pk	34.5	-21.8	0	51.81	-	-	74	-22.19	71	134	V
2	* 5.149	42.61	Pk	34.4	-21.8	0	55.21	-	-	74	-18.79	71	134	V
3	5.15	30.22	RMS	34.5	-22	0	42.72	54	-11.28	-	-	71	134	V
4	* 5.15	30.79	RMS	34.4	-22	0	43.19	54	-10.81	-	-	71	134	V

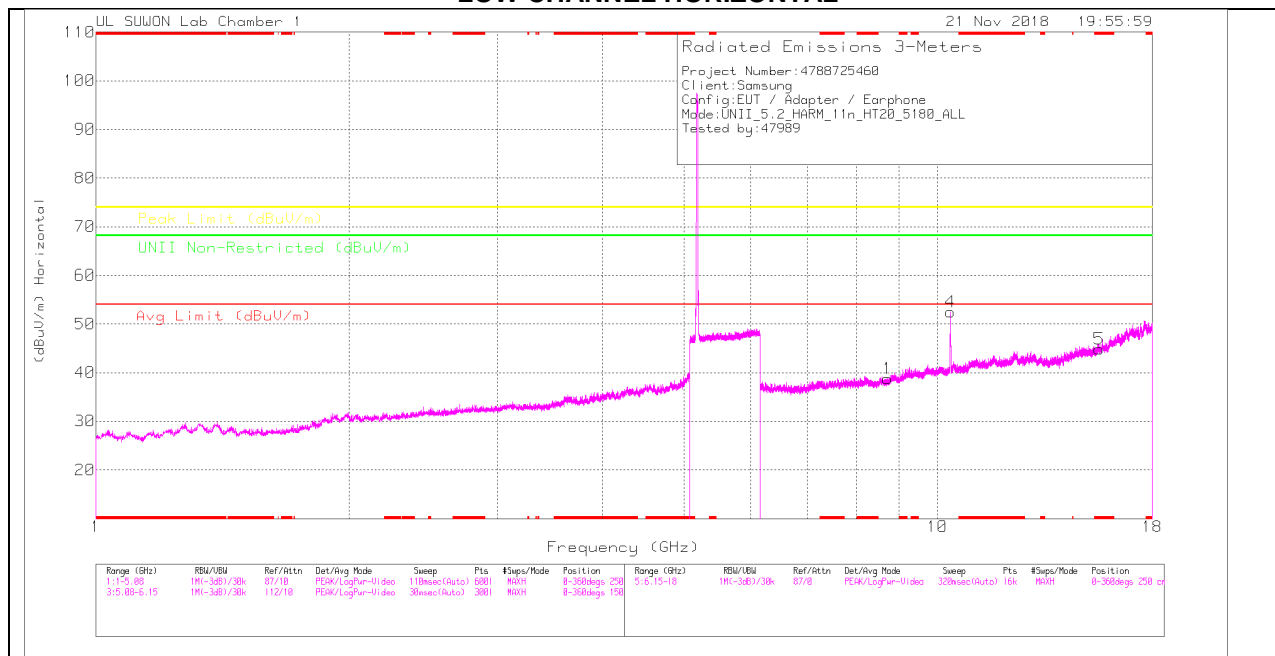
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

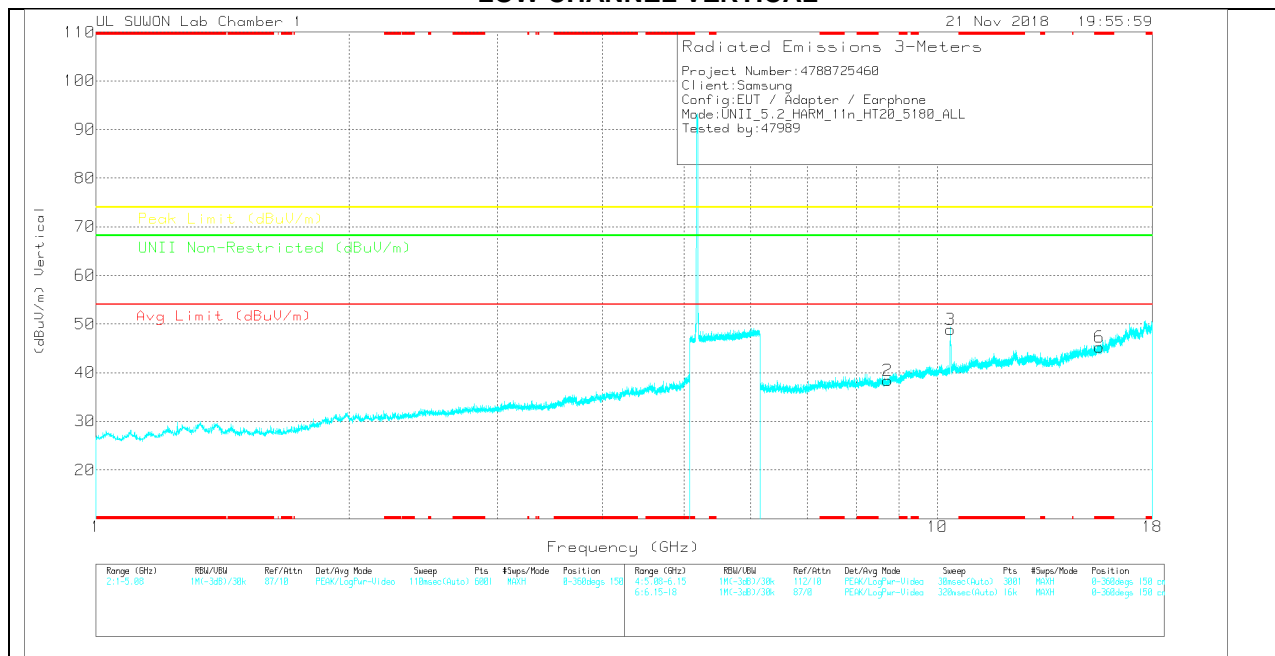
RMS - RMS detection

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_00168717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	8.726	27.87	PK	36.4	-25.5	0	38.77	-	-	-	-	68.2	-29.43	0-360	250	H
4	10.36	37.22	PK	37.6	-22.3	0	52.52	-	-	-	-	68.2	-15.68	0-360	250	H
5	* 15.562	25.71	PK	40.2	-21	0	44.91	-	-	74	-29.09	-	-	0-360	250	H
2	8.721	27.46	PK	36.4	-25.5	0	38.36	-	-	-	-	68.2	-29.84	0-360	150	V
3	10.359	33.54	PK	37.6	-22.3	0	48.84	-	-	-	-	68.2	-19.36	0-360	250	V
6	* 15.566	25.99	PK	40.2	-21	0	45.19	-	-	74	-28.81	-	-	0-360	250	V

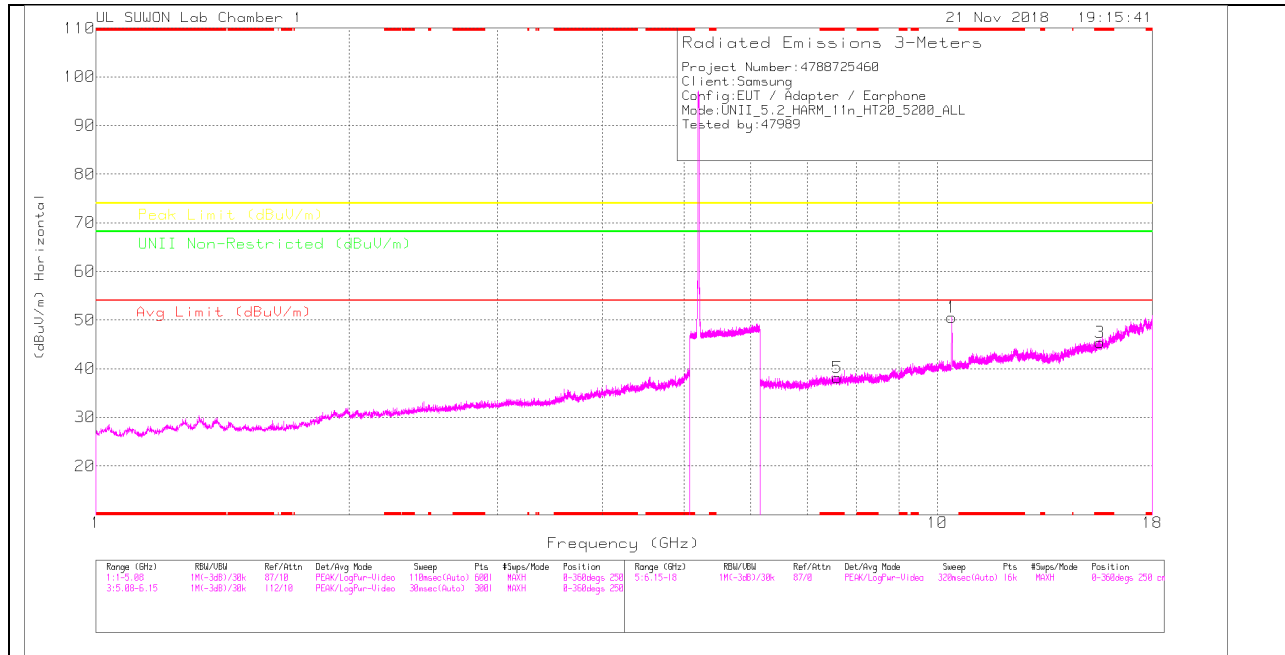
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

Radiated Emissions

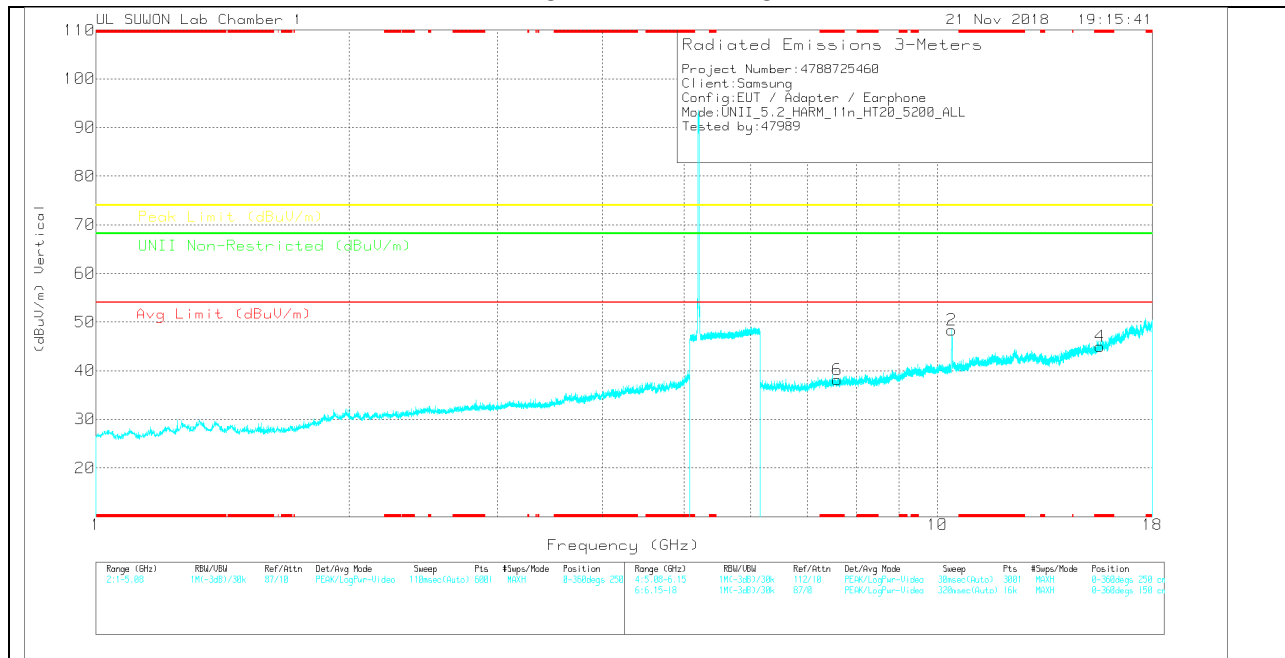
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
10.36	49.31	PK-U	37.6	-22.3	0	64.61	-	-	-	-	68.2	-3.59	225	234	H
10.359	48.61	PK-U	37.6	-22.3	0	63.91	-	-	-	-	68.2	-4.29	218	225	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_00168717	6GHz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	10.4	34.7	PK	37.6	-21.8	0	50.5	-	-	-	-	68.2	-17.7	0-360	250	H
3	* 15.6	26.46	PK	40.2	-21.3	0	45.36	-	-	74	-28.64	-	-	0-360	150	H
5	* 7.599	28.88	PK	35.8	-26.5	0	38.18	-	-	74	-35.82	-	-	0-360	250	H
2	10.4	32.6	PK	37.6	-21.8	0	48.4	-	-	-	-	68.2	-19.8	0-360	250	V
4	* 15.6	26.05	PK	40.2	-21.3	0	44.95	-	-	74	-29.05	-	-	0-360	250	V
6	* 7.602	28.81	PK	35.8	-26.5	0	38.11	-	-	74	-35.89	-	-	0-360	250	V

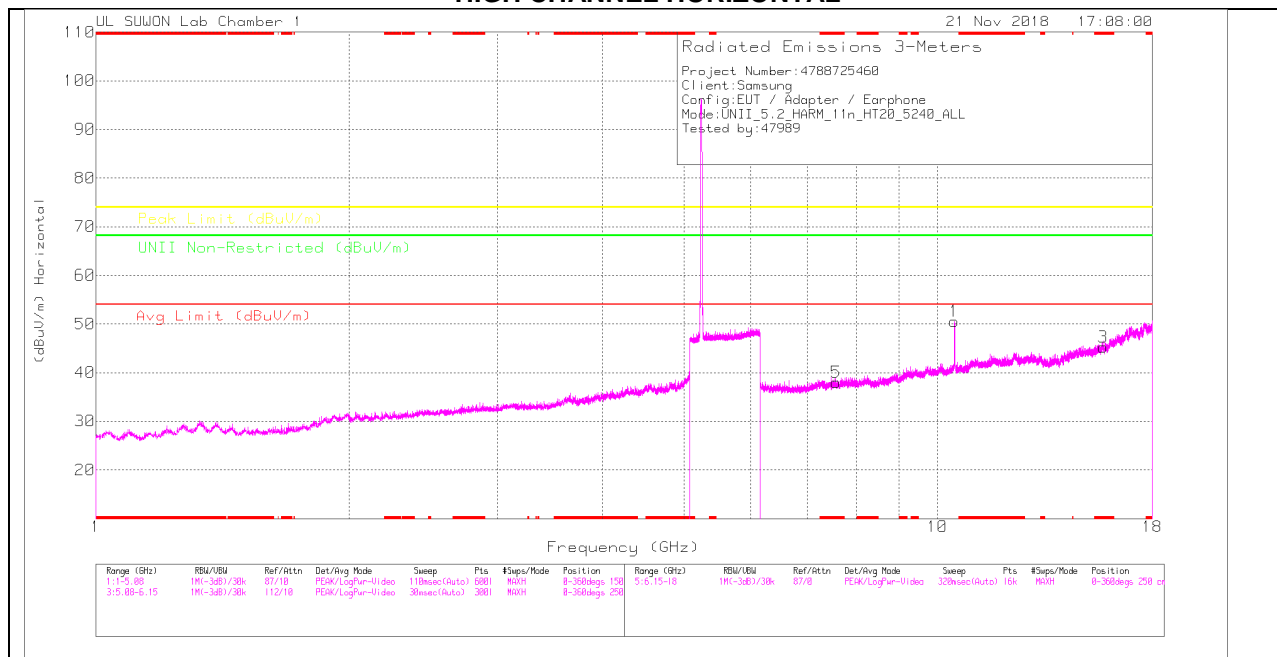
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

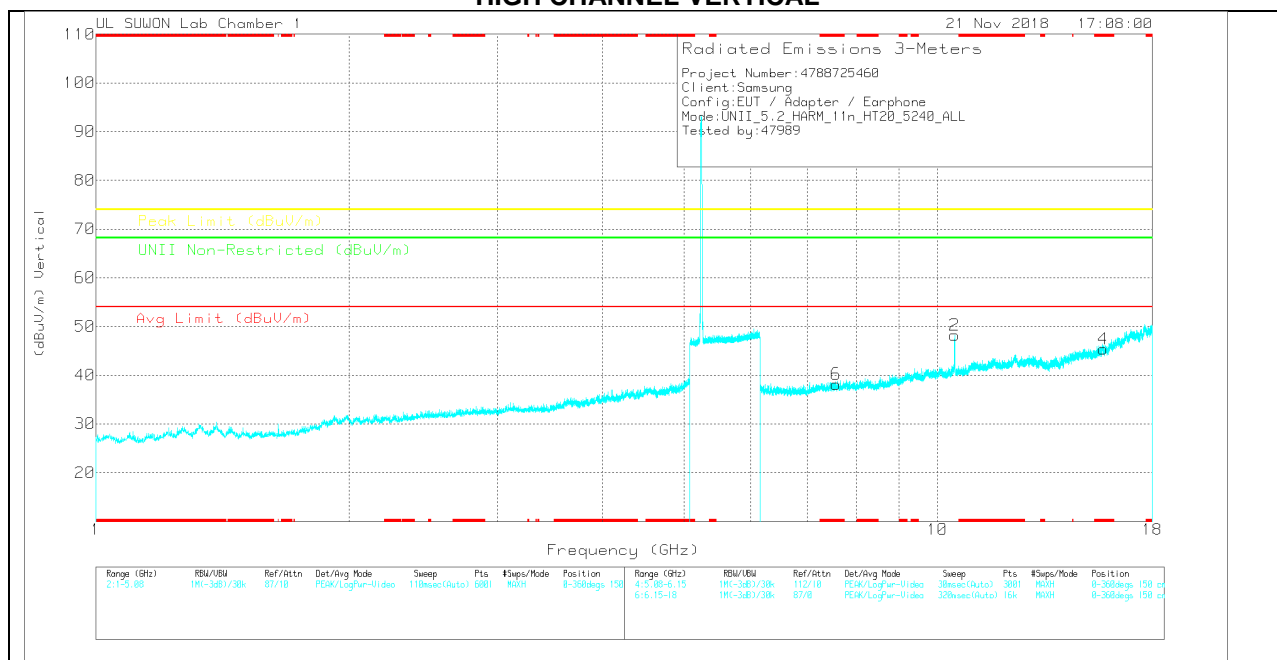
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.403	47.45	PK-U	37.6	-21.7	0	63.35	-	-	-	-	68.2	-4.85	230	240	H
10.401	46.89	PK-U	37.6	-21.8	0	62.69	-	-	-	-	68.2	-5.51	219	226	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_00168717	6GHz_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	10.478	34.66	PK	37.7	-21.8	0	50.56	-	-	-	-	68.2	-17.64	0-360	250	H
3	* 15.737	25.87	PK	40.4	-21	0	45.27	-	-	74	-28.73	-	-	0-360	250	H
5	* 7.577	28.66	PK	35.8	-26.5	0	37.96	-	-	74	-36.04	-	-	0-360	150	H
2	10.479	32.36	PK	37.7	-21.8	0	48.26	-	-	-	-	68.2	-19.94	0-360	250	V
4	* 15.738	25.99	PK	40.4	-21	0	45.39	-	-	74	-28.61	-	-	0-360	150	V
6	* 7.575	28.99	PK	35.8	-26.6	0	38.19	-	-	74	-35.81	-	-	0-360	250	V

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

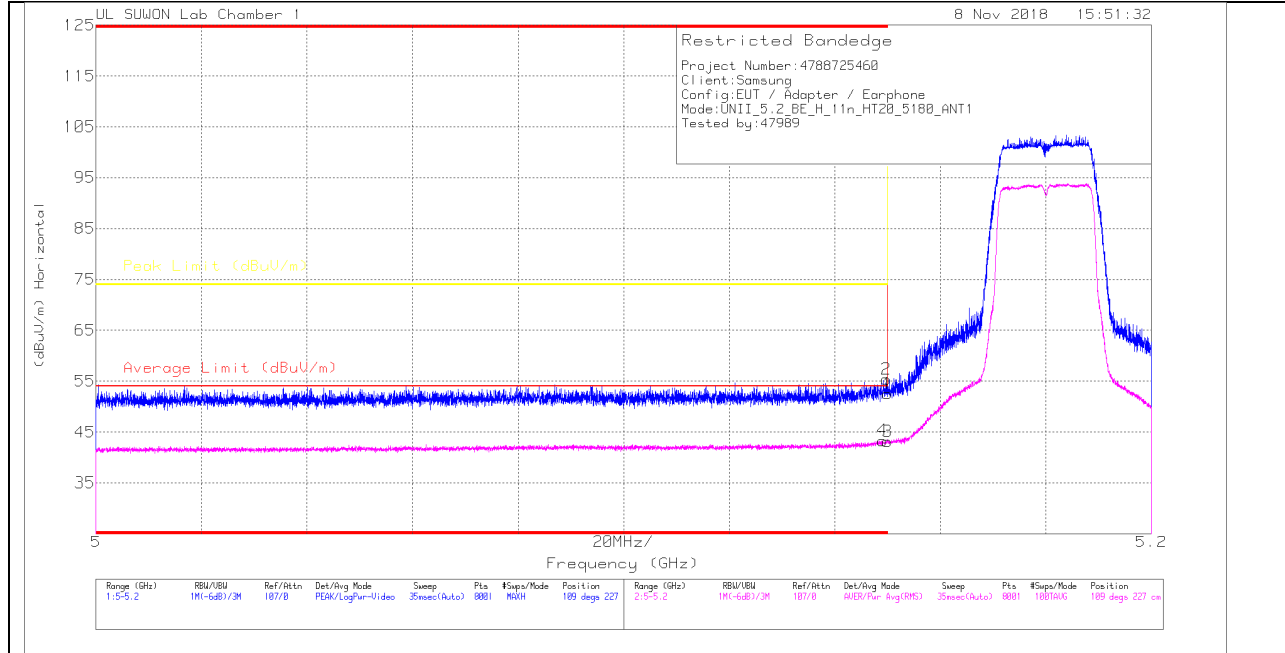
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_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
10.475	46.07	PK-U	37.7	-21.8	0	61.97	-	-	-	-	68.2	-6.23	227	231	H
10.481	44.88	PK-U	37.7	-21.8	0	60.78	-	-	-	-	68.2	-7.42	221	238	V

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

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

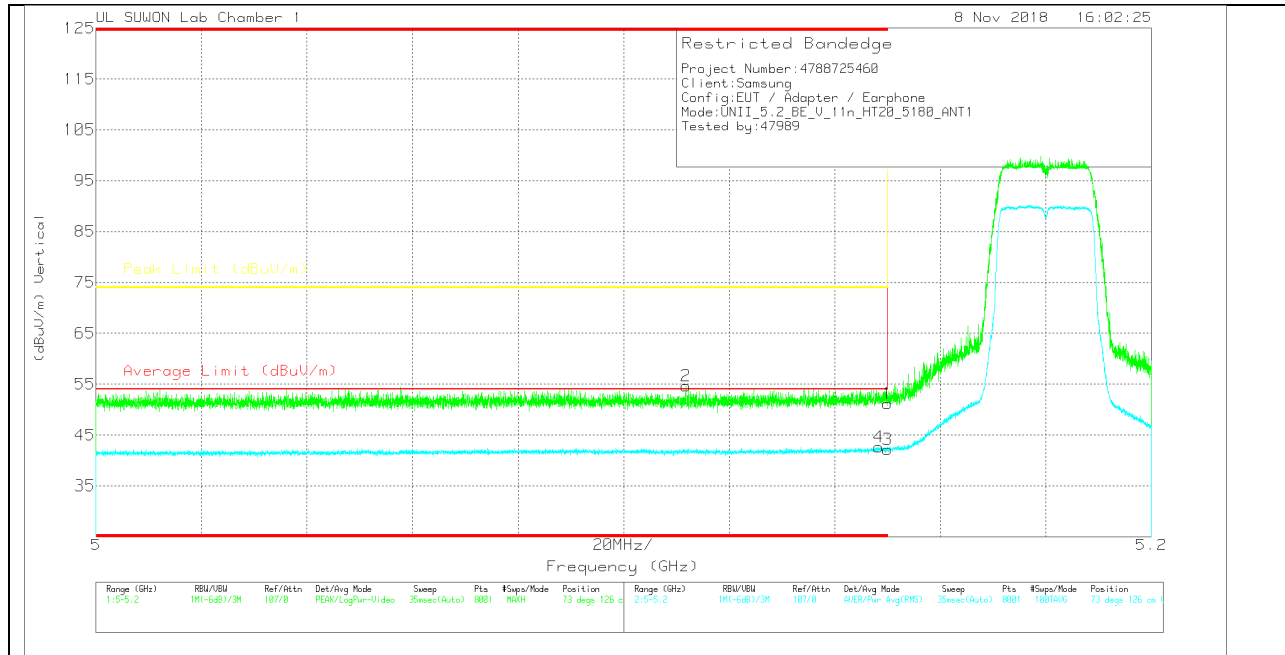
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	39.88	Pk	34.5	-21.8	0	52.58	-	-	74	-21.42	109	227	H
2	* 5.15	42.83	Pk	34.4	-21.8	0	55.43	-	-	74	-18.57	109	227	H
3	5.15	30.62	RMS	34.5	-22	0	43.12	54	-10.88	-	-	109	227	H
4	* 5.149	30.94	RMS	34.4	-22	0	43.34	54	-10.66	-	-	109	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	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	5.15	38.47	Pk	34.5	-21.8	0	51.17	-	-	74	-22.83	73	126	V
2	* 5.112	42.09	Pk	34.4	-21.8	0	54.69	-	-	74	-19.31	73	126	V
3	5.15	29.61	RMS	34.5	-22	0	42.11	54	-11.89	-	-	73	126	V
4	* 5.148	30.23	RMS	34.4	-22	0	42.63	54	-11.37	-	-	73	126	V

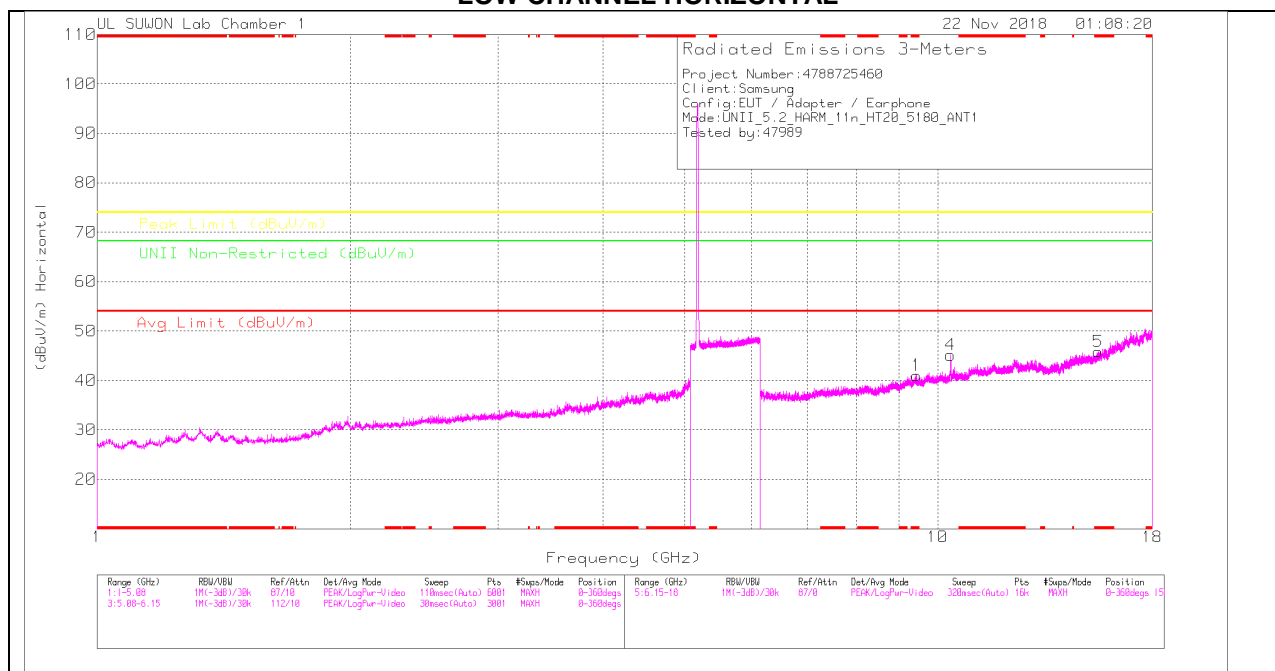
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

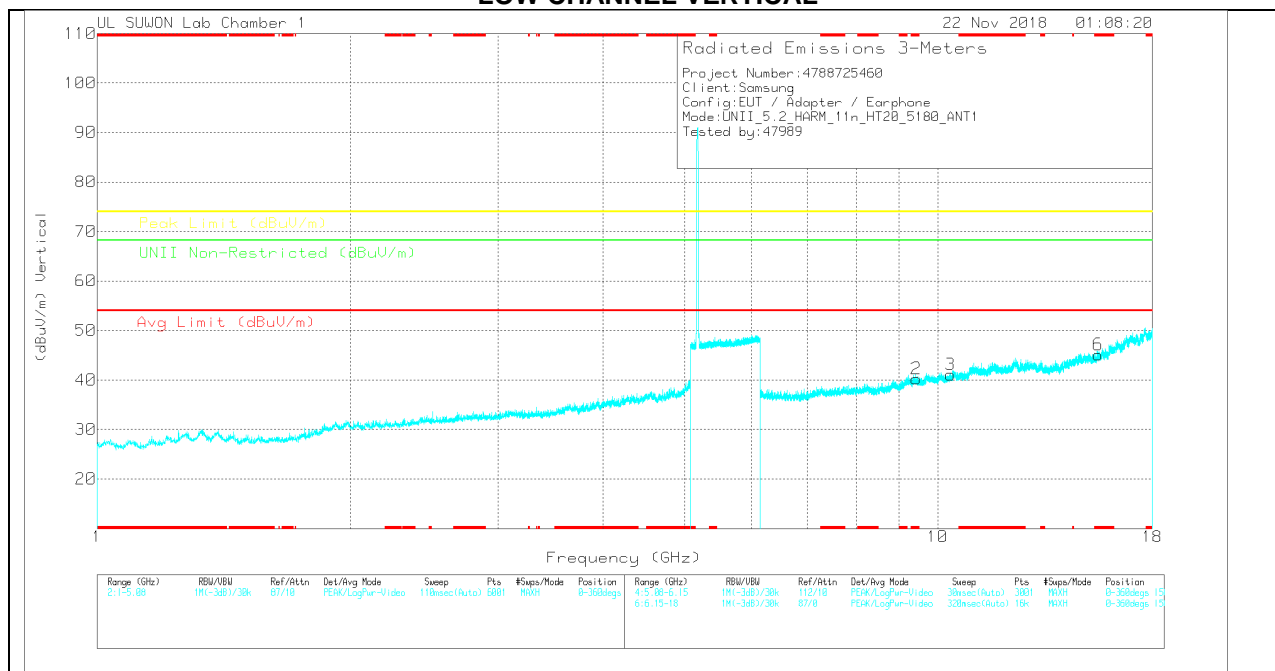
RMS - RMS detection

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_00168717	6GHz_HPF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 9.44	27.61	PK	36.8	-23.4	0	41.01	-	-	74	-32.99	-	-	0-360	250	H
4	10.361	29.85	PK	37.6	-22.3	0	45.15	-	-	-	-	68.2	-23.05	0-360	250	H
5	* 15.531	26.34	PK	40.2	-20.7	0	45.84	-	-	74	-28.16	-	-	0-360	250	H
2	* 9.432	26.85	PK	36.8	-23.4	0	40.25	-	-	74	-33.75	-	-	0-360	150	V
3	10.357	25.78	PK	37.6	-22.3	0	41.08	-	-	-	-	68.2	-27.12	0-360	150	V
6	* 15.52	25.61	PK	40.1	-20.6	0	45.11	-	-	74	-28.89	-	-	0-360	250	V

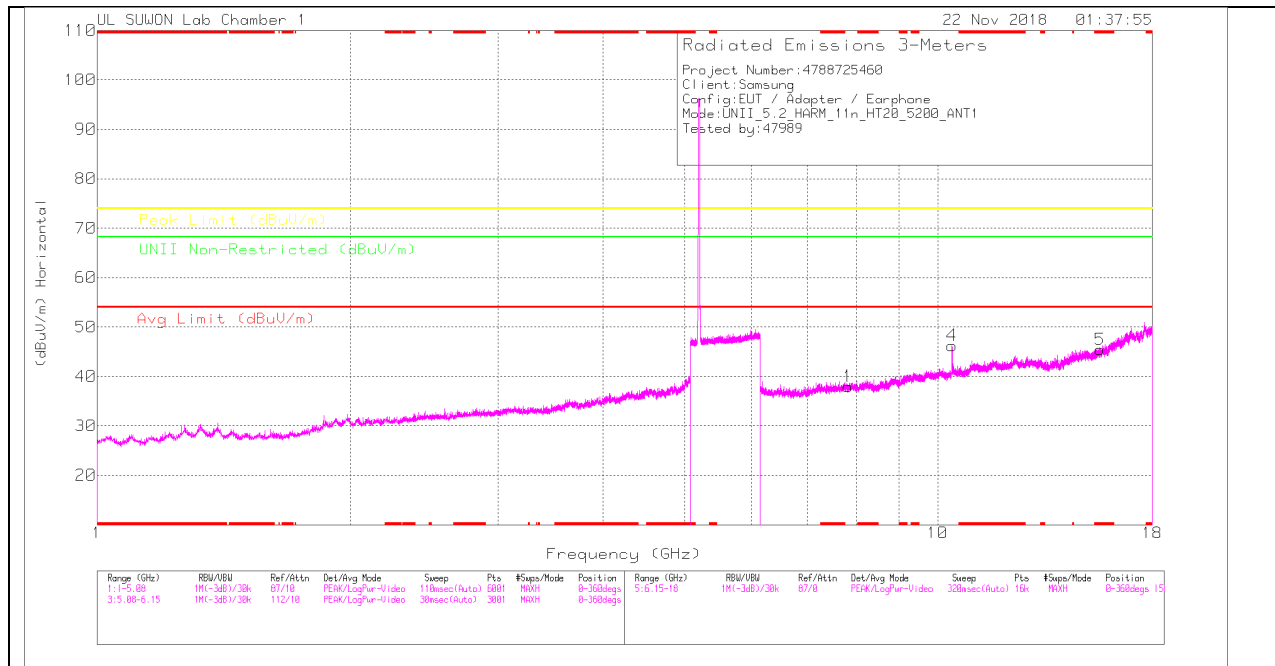
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

Radiated Emissions

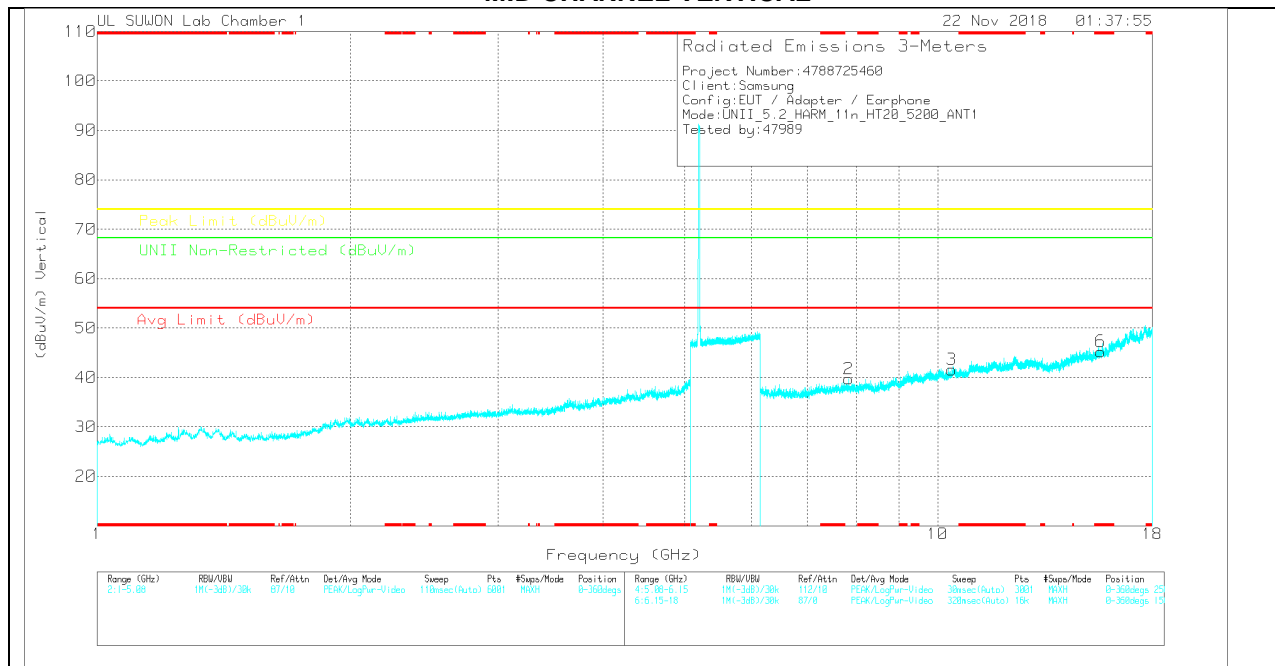
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HPF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.358	43.03	PK-U	37.6	-22.3	0	58.33	-	-	-	-	68.2	-9.87	182	222	H
10.356	36.75	PK-U	37.6	-22.4	0	51.95	-	-	-	-	68.2	-16.25	173	105	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_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	7.825	28.76	PK	35.9	-26.7	0	37.96	-	-	-	-	68.2	-30.24	0-360	150	H
4	10.401	30.43	PK	37.6	-21.8	0	46.23	-	-	-	-	68.2	-21.97	0-360	250	H
5	* 15.595	26.54	PK	40.2	-21.3	0	45.44	-	-	74	-28.56	-	-	0-360	250	H
2	7.836	30.5	PK	35.9	-26.7	0	39.7	-	-	-	-	68.2	-28.5	0-360	250	V
3	10.396	25.88	PK	37.6	-21.9	0	41.58	-	-	-	-	68.2	-26.62	0-360	150	V
6	* 15.629	26.34	PK	40.3	-21.4	0	45.24	-	-	74	-28.76	-	-	0-360	150	V

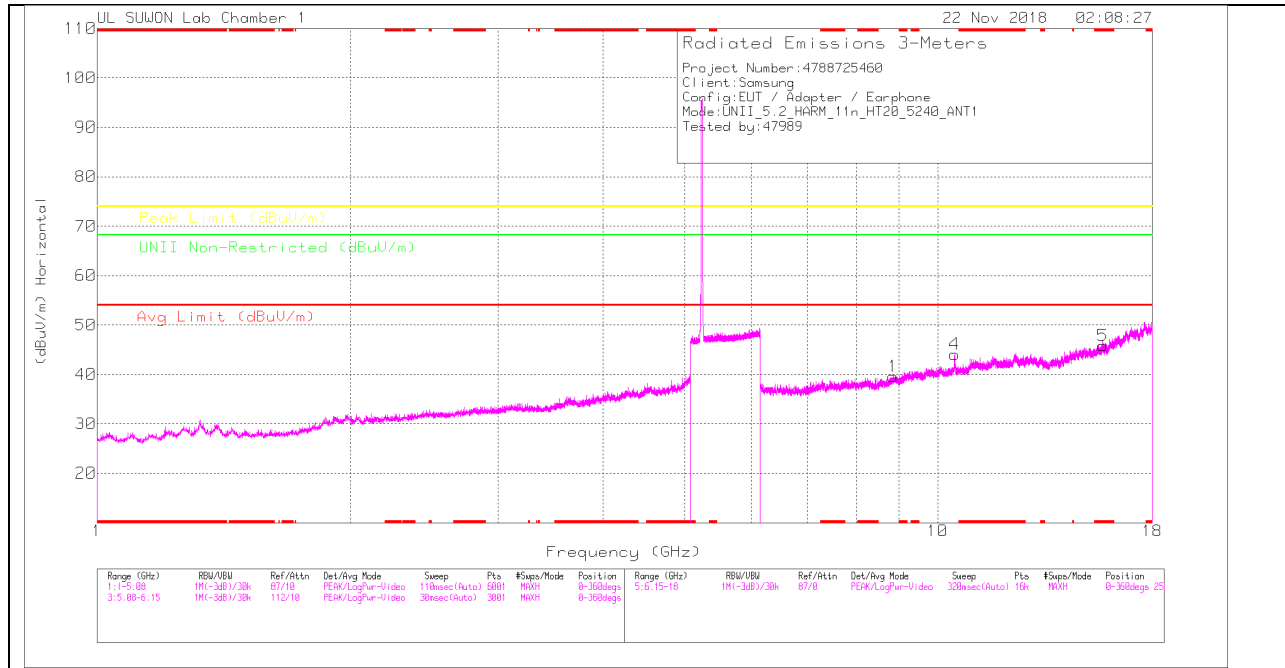
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

Radiated Emissions

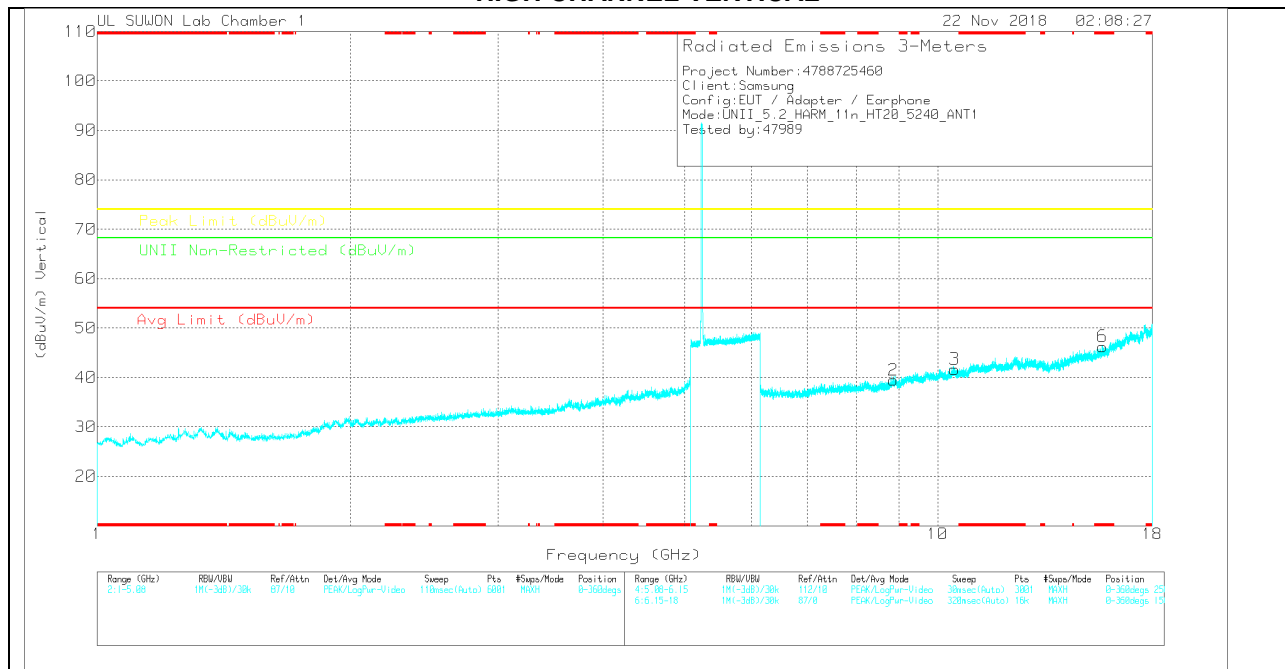
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
10.397	43.1	PK-U	37.6	-21.9	0	58.8	-	-	-	-	68.2	-9.4	182	216	H
10.394	36.42	PK-U	37.6	-21.9	0	52.12	-	-	-	-	68.2	-16.08	188	115	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_00168717	6GHz_HF(dB)	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)	Asimuth (Degs)	Height (cm)	Polarity
1	8.849	27.16	PK	36.5	-24.1	0	39.56	-	-	-	-	68.2	-28.64	0-360	150	H
4	10.474	28.09	PK	37.7	-21.7	0	44.09	-	-	-	-	68.2	-24.11	0-360	250	H
5	* 15.724	26.44	PK	40.4	-21	0	45.84	-	-	74	-28.16	-	-	0-360	150	H
2	8.85	26.95	PK	36.5	-24	0	39.45	-	-	-	-	68.2	-28.75	0-360	250	V
3	10.475	25.77	PK	37.7	-21.8	0	41.67	-	-	-	-	68.2	-26.53	0-360	250	V
6	* 15.718	26.86	PK	40.4	-21	0	46.26	-	-	74	-27.74	-	-	0-360	250	V

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

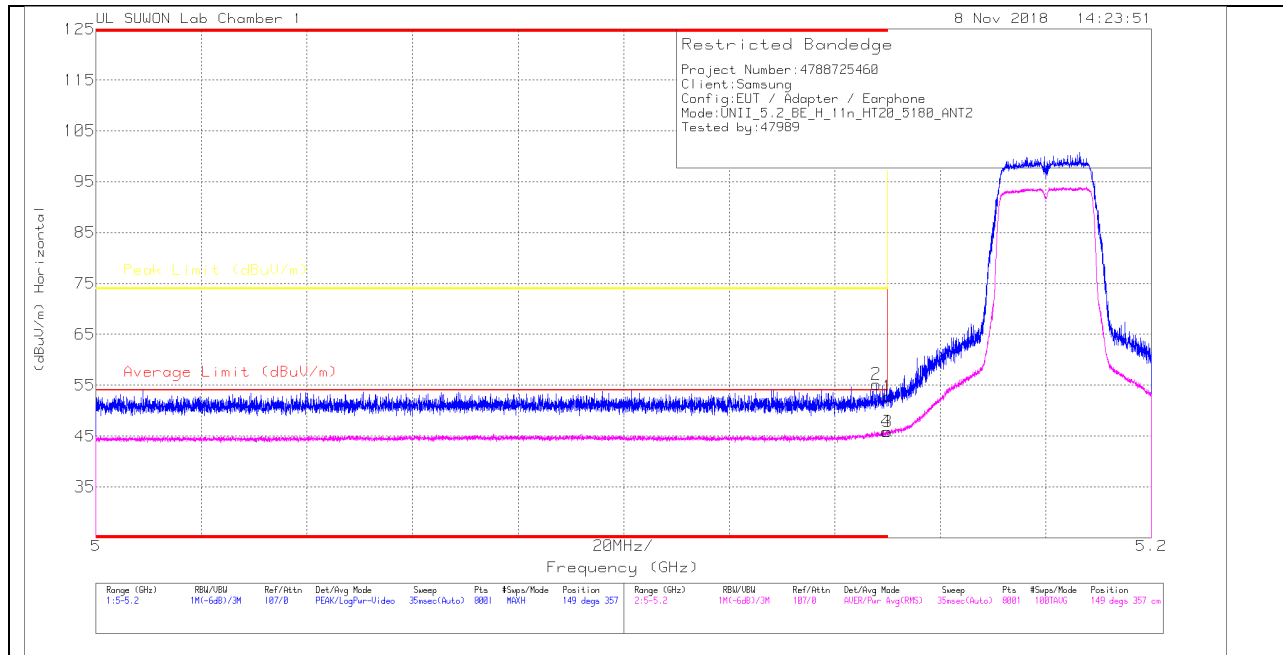
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	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)	Asimuth (Degs)	Height (cm)	Polarity
10.478	40.62	PK-U	37.7	-21.8	0	56.52	-	-	-	-	68.2	-11.68	112	223	H
10.49	35.99	PK-U	37.7	-22	0	51.69	-	-	-	-	68.2	-16.51	90	121	V

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

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

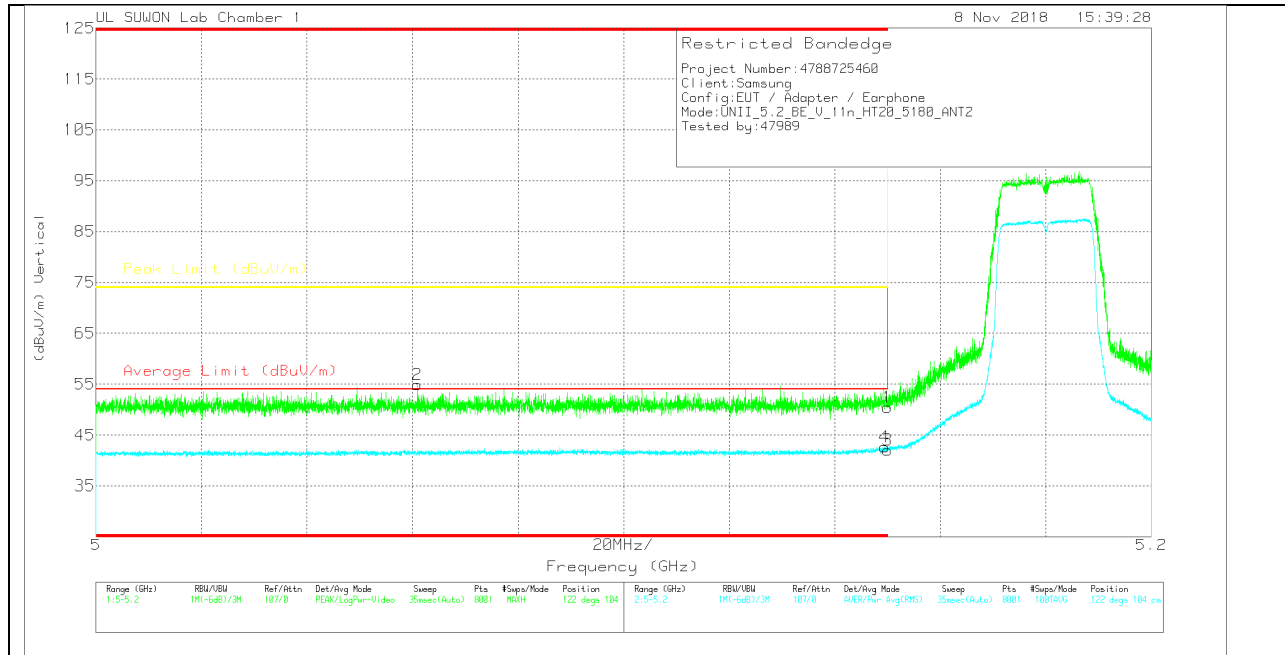
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	40.1	Pk	34.5	-21.8	0	52.8	-	-	74	-21.2	149	357	H
2	* 5.148	42.61	Pk	34.4	-21.8	0	55.21	-	-	74	-18.79	149	357	H
3	5.15	30.34	RMS	34.5	-22	3.03	45.87	54	-8.13	-	-	149	357	H
4	* 5.15	30.47	RMS	34.4	-22	3.03	45.9	54	-8.1	-	-	149	357	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	5.15	37.7	Pk	34.5	-21.8	0	50.4	-	-	74	-23.6	122	104	V
2	* 5.061	42.27	Pk	34.3	-21.7	0	54.87	-	-	74	-19.13	122	104	V
3	5.15	29.59	RMS	34.5	-22	0	42.09	54	-11.91	-	-	122	104	V
4	* 5.149	30.23	RMS	34.4	-22	0	42.63	54	-11.37	-	-	122	104	V

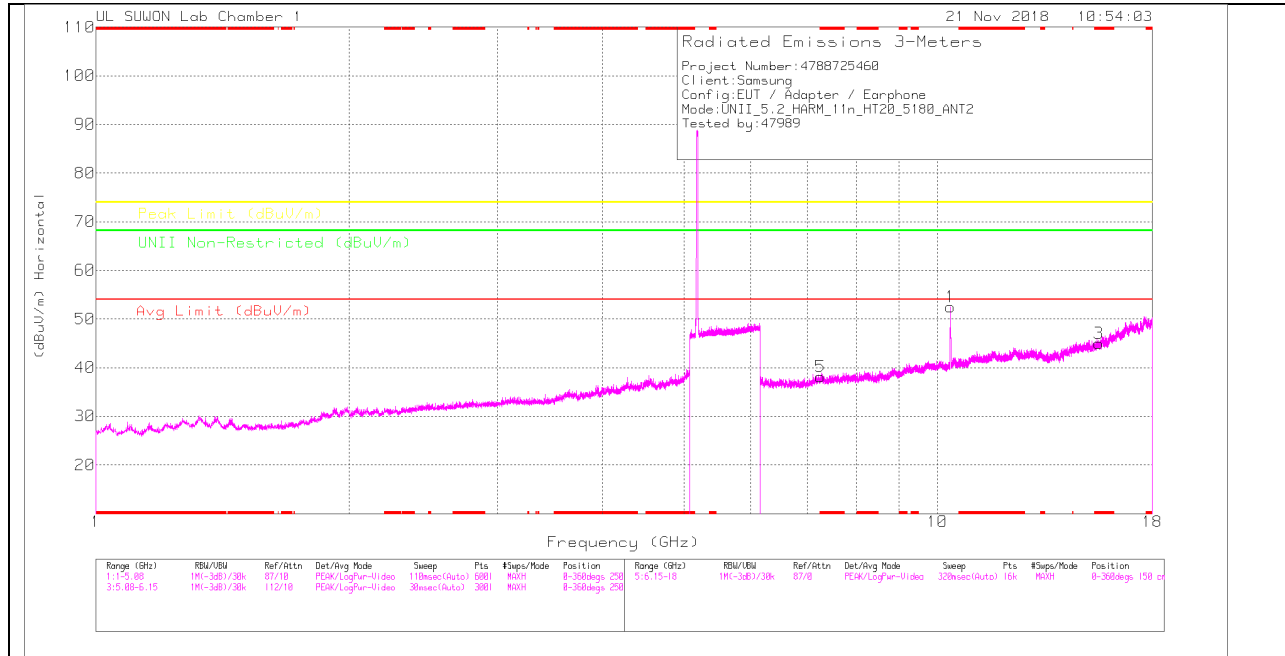
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

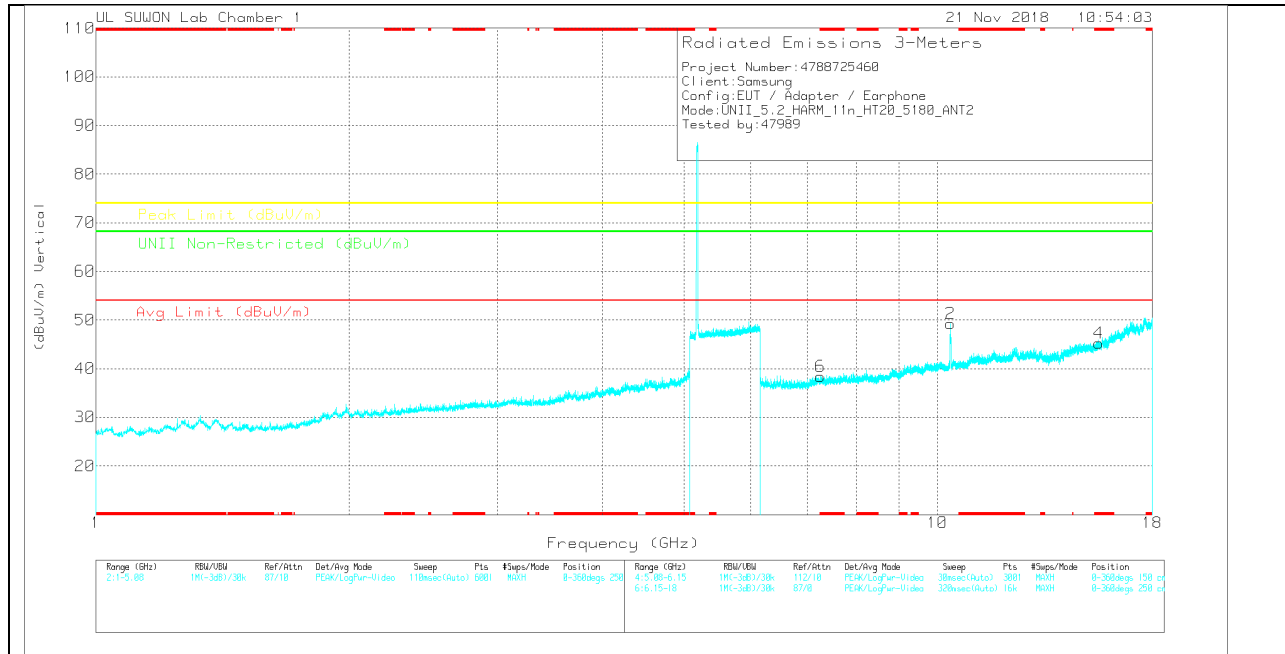
RMS - RMS detection

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_00168717	6GHz_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	10.361	37.18	PK	37.6	-22.3	0	52.48	-	-	-	-	68.2	-15.72	0-360	250	H
3	* 15.538	25.48	PK	40.2	-20.7	0	44.98	-	-	74	-29.02	-	-	0-360	150	H
5	* 7.261	29.24	PK	35.8	-26.9	0	38.14	-	-	74	-35.86	-	-	0-360	150	H
2	10.36	33.99	PK	37.6	-22.3	0	49.29	-	-	-	-	68.2	-18.91	0-360	250	V
4	* 15.541	25.79	PK	40.2	-20.8	0	45.19	-	-	74	-28.81	-	-	0-360	250	V
6	* 7.261	29.51	PK	35.8	-26.9	0	38.41	-	-	74	-35.59	-	-	0-360	150	V

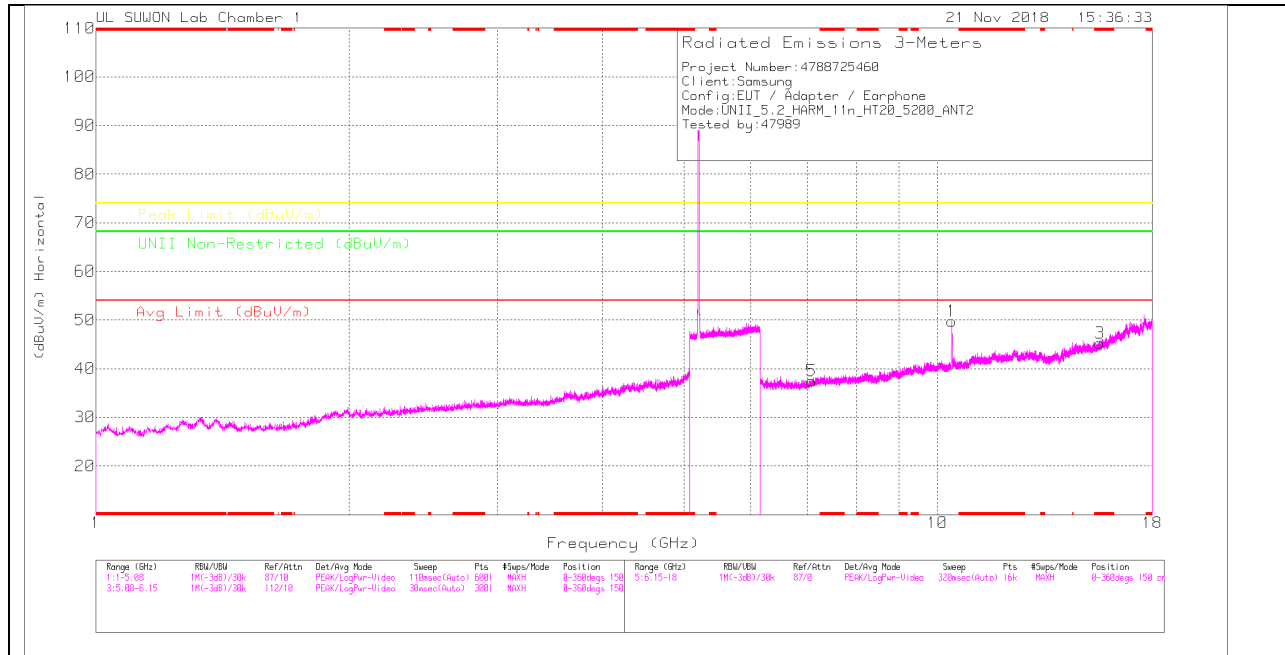
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

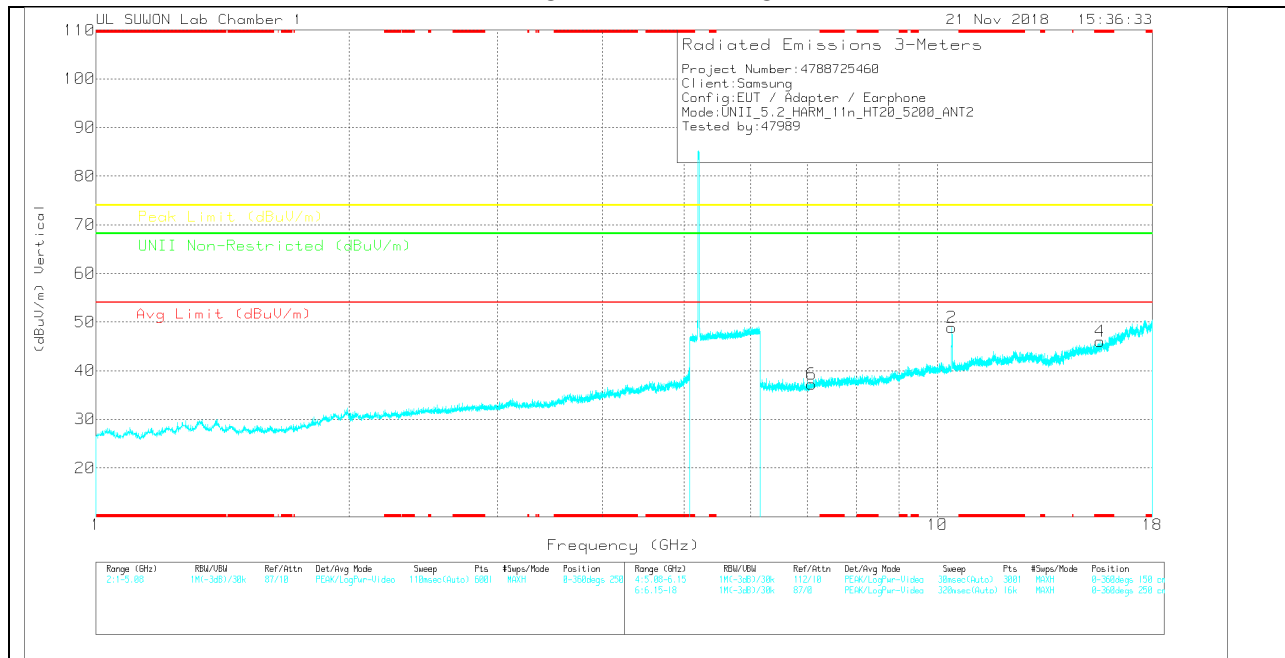
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.359	49.6	PK-U	37.6	-22.3	0	64.9	-	-	-	-	68.2	-3.3	102	100	H
10.358	46.76	PK-U	37.6	-22.3	0	62.06	-	-	-	-	68.2	-6.14	213	266	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_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	10.4	33.95	PK	37.6	-21.8	0	49.75	-	-	-	-	68.2	-18.45	0-360	250	H
3	* 15.602	26.34	PK	40.2	-21.3	0	45.24	-	-	74	-28.76	-	-	0-360	150	H
5	7.085	29.37	PK	35.8	-27.7	0	37.47	-	-	-	-	68.2	-30.73	0-360	150	H
2	10.399	33.08	PK	37.6	-21.8	0	48.88	-	-	-	-	68.2	-19.32	0-360	250	V
4	* 15.599	27.14	PK	40.2	-21.3	0	46.04	-	-	74	-27.96	-	-	0-360	250	V
6	7.092	29.15	PK	35.8	-27.7	0	37.25	-	-	-	-	68.2	-30.95	0-360	150	V

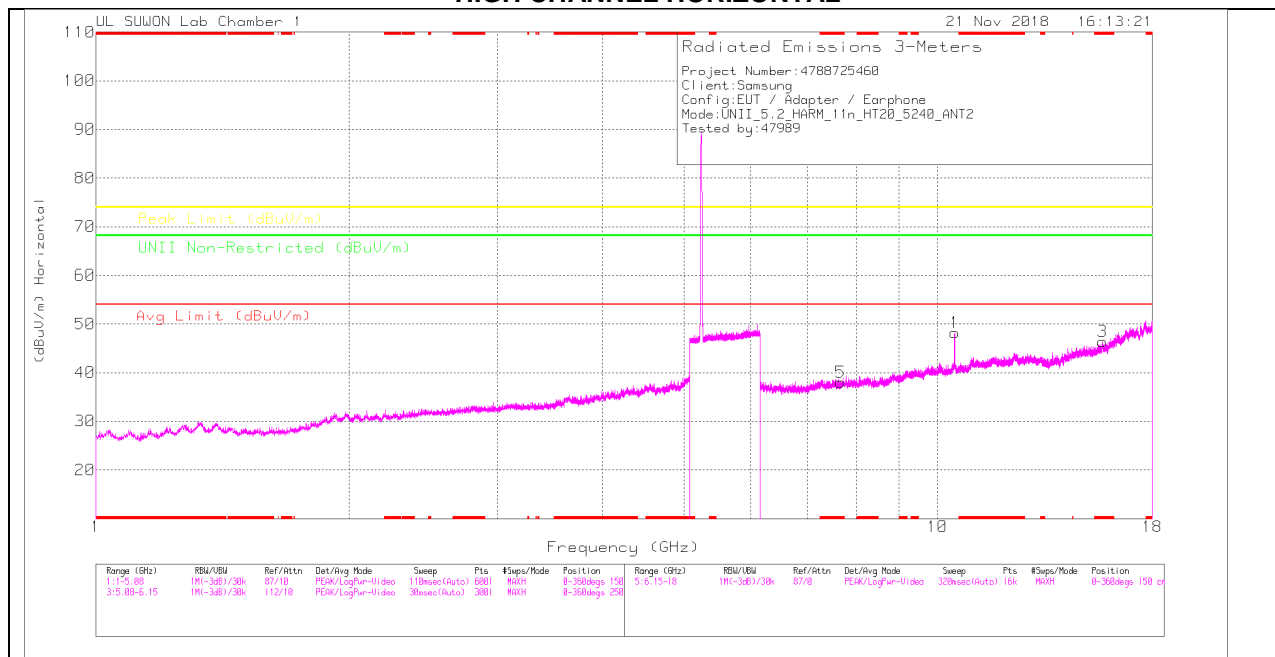
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

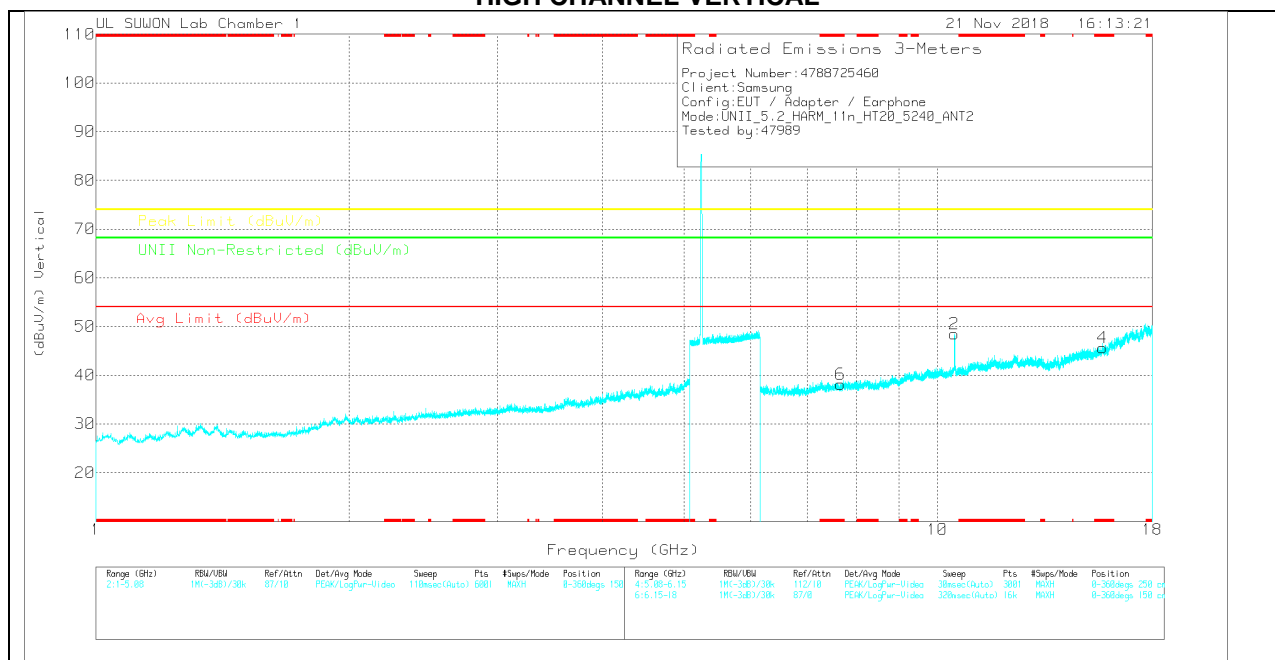
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
10.399	47.52	PK-U	37.6	-21.8	0	63.32	-	-	-	-	68.2	-4.88	108	103	H
10.402	46.37	PK-U	37.6	-21.7	0	62.27	-	-	-	-	68.2	-5.93	211	267	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_00168717	6GHz_HPF(dB)	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)	Asimuth (Degs)	Height (cm)	Polarity
1	10.48	32.27	PK	37.7	-21.8	0	48.17	-	-	-	-	68.2	-20.03	0-360	250	H
3	* 15.715	27.05	PK	40.4	-21	0	46.45	-	-	74	-27.55	-	-	0-360	150	H
5	* 7.666	29.12	PK	35.8	-26.9	0	38.02	-	-	74	-35.98	-	-	0-360	150	H
2	10.476	32.51	PK	37.7	-21.7	0	48.51	-	-	-	-	68.2	-19.69	0-360	250	V
4	* 15.721	26.18	PK	40.4	-21	0	45.58	-	-	74	-28.42	-	-	0-360	250	V
6	* 7.67	29.17	PK	35.9	-26.9	0	38.17	-	-	74	-35.83	-	-	0-360	150	V

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

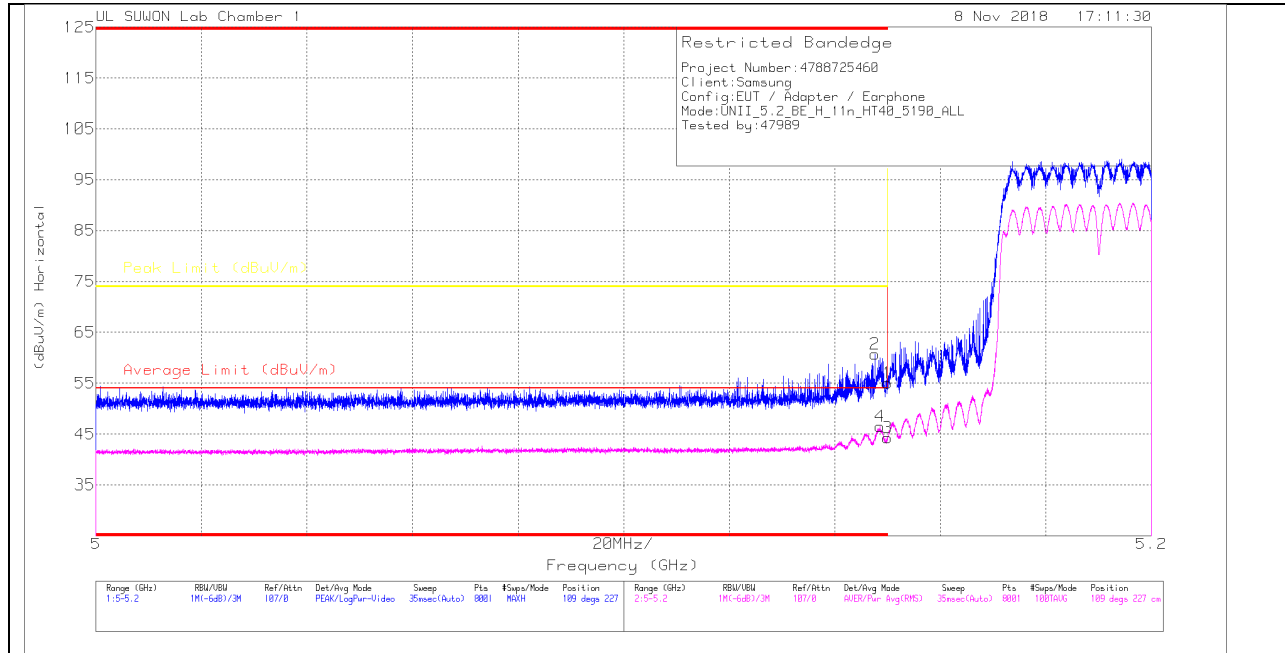
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HPF(dB)	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)	Asimuth (Degs)	Height (cm)	Polarity
10.481	47.15	PK-U	37.7	-21.8	0	63.05	-	-	-	-	68.2	-5.15	105	100	H
10.482	45.9	PK-U	37.7	-21.8	0	61.8	-	-	-	-	68.2	-6.4	218	227	V

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

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

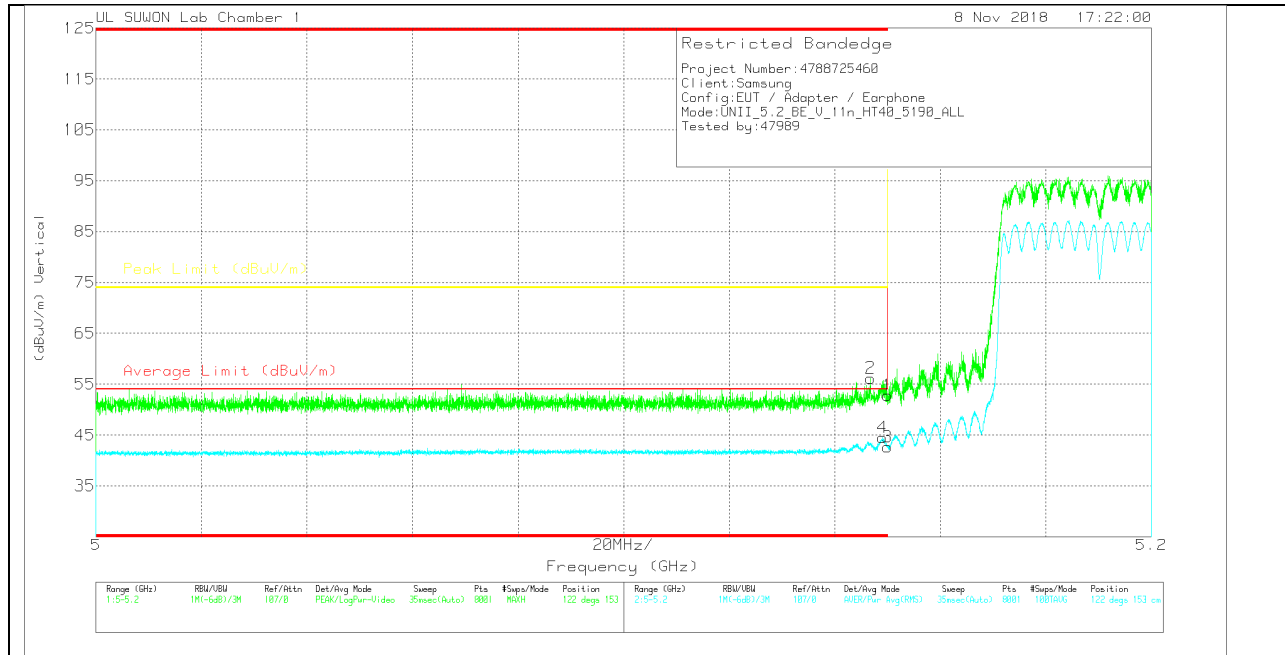
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	42.34	Pk	34.5	-21.8	0	55.04	-	-	74	-18.96	109	227	H
2	* 5.148	48.16	Pk	34.4	-21.8	0	60.76	-	-	74	-13.24	109	227	H
3	5.15	31.76	RMS	34.5	-22	0	44.26	54	-9.74	-	-	109	227	H
4	* 5.149	34.08	RMS	34.4	-22	0	46.48	54	-7.52	-	-	109	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	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	5.15	40.09	Pk		-21.8	0	52.79	-	-	74	-21.21	122	153	V
2	* 5.147	43.6	Pk		-21.8	0	56.2	-	-	74	-17.8	122	153	V
3	5.15	30.16	RMS		-22	0	42.66	54	-11.34	-	-	122	153	V
4	* 5.149	32.06	RMS		-22	0	44.46	54	-9.54	-	-	122	153	V

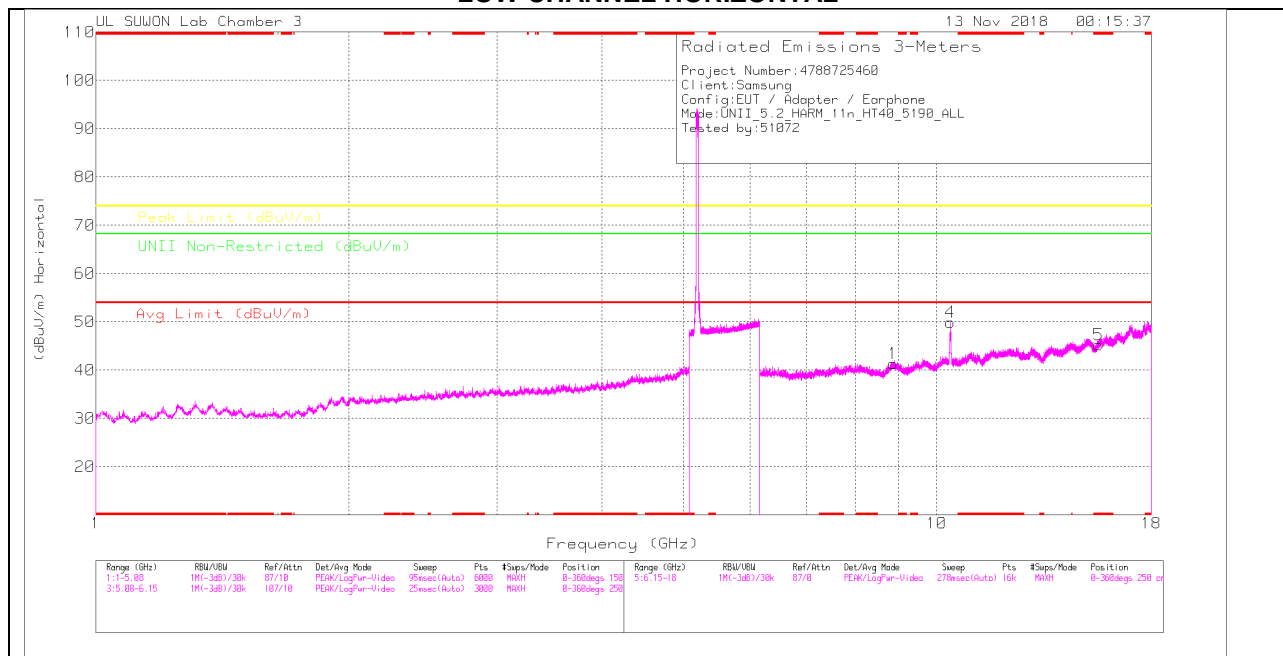
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

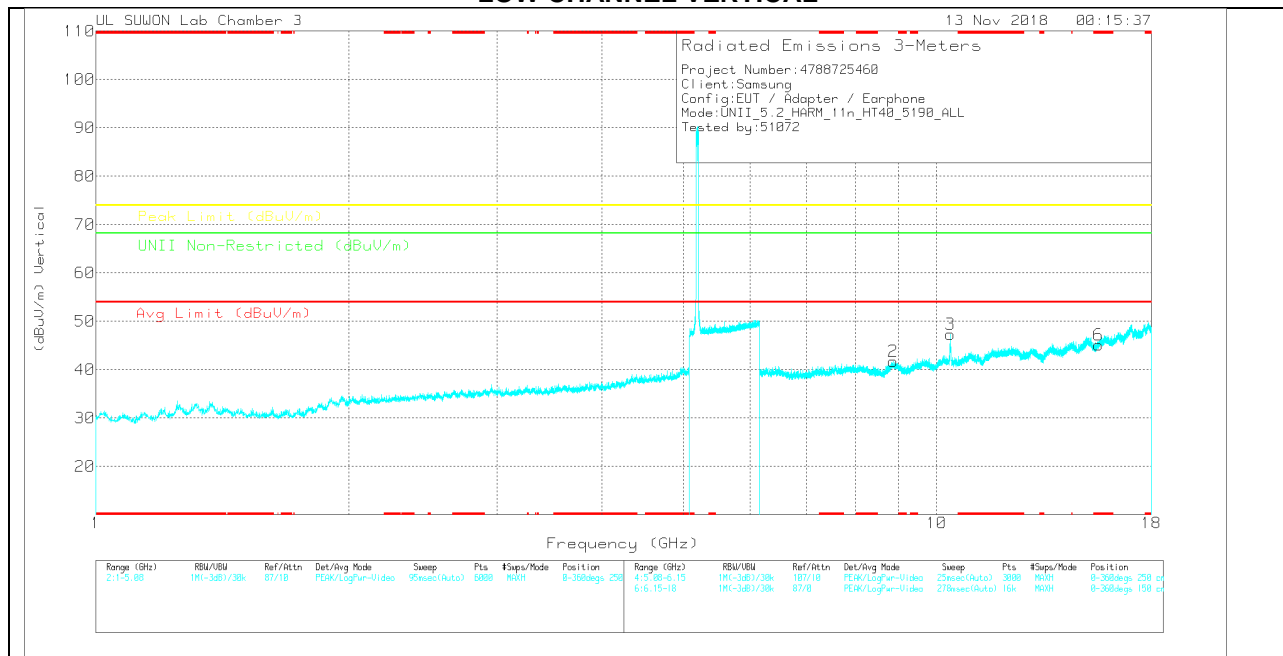
RMS - RMS detection

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_00209559	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.88	25.64	PK	36.5	-20.8	0	41.34	-	-	-	-	68.2	-26.86	0-360	150	H
4	10.381	31.36	PK	37.6	-19.1	0	49.86	-	-	-	-	68.2	-18.34	0-360	250	H
5	*15.571	24.6	PK	40.2	-19.6	0	45.2	-	-	74	-28.8	-	-	0-360	250	H
2	8.879	26.03	PK	36.5	-20.8	0	41.73	-	-	-	-	68.2	-26.47	0-360	250	V
3	10.383	28.78	PK	37.6	-19.1	0	47.28	-	-	-	-	68.2	-20.92	0-360	250	V
6	*15.571	24.56	PK	40.2	-19.6	0	45.16	-	-	74	-28.84	-	-	0-360	250	V

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

PK – Peak Detector

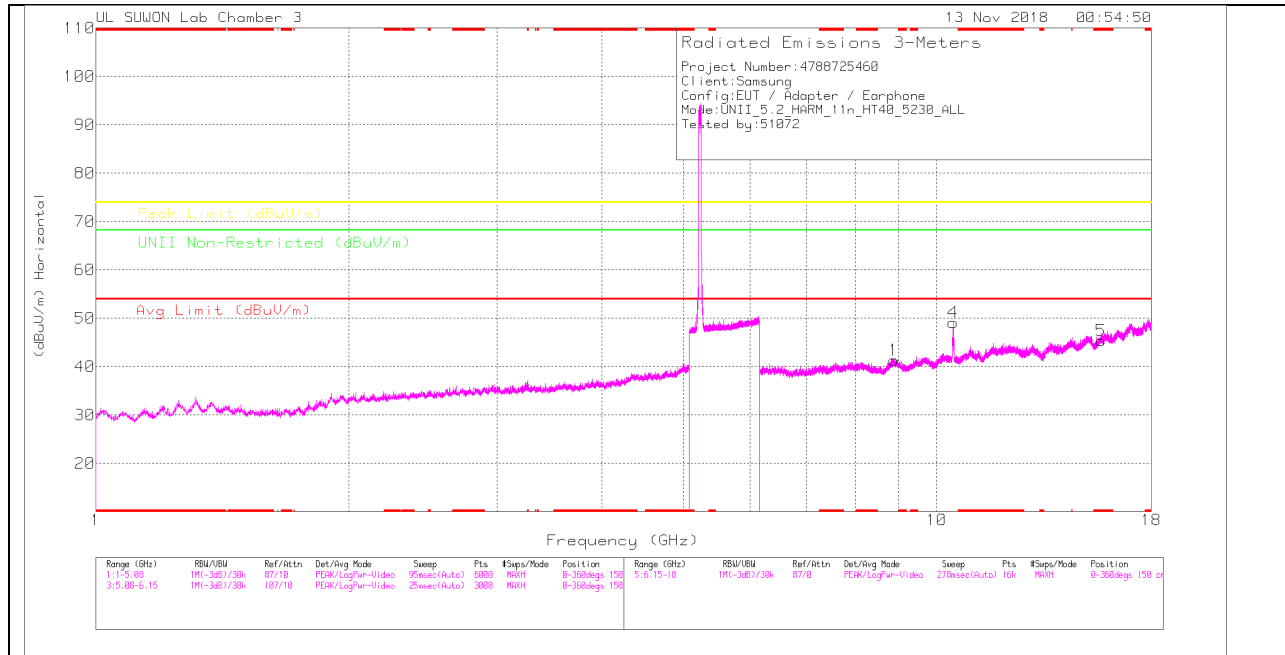
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00209559	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.381	39.16	PK-U	37.6	-19.1	0	57.66	-	-	-	-	68.2	-10.54	118	112	H
10.383	36.28	PK-U	37.6	-19.1	0	54.78	-	-	-	-	68.2	-13.42	190	339	V

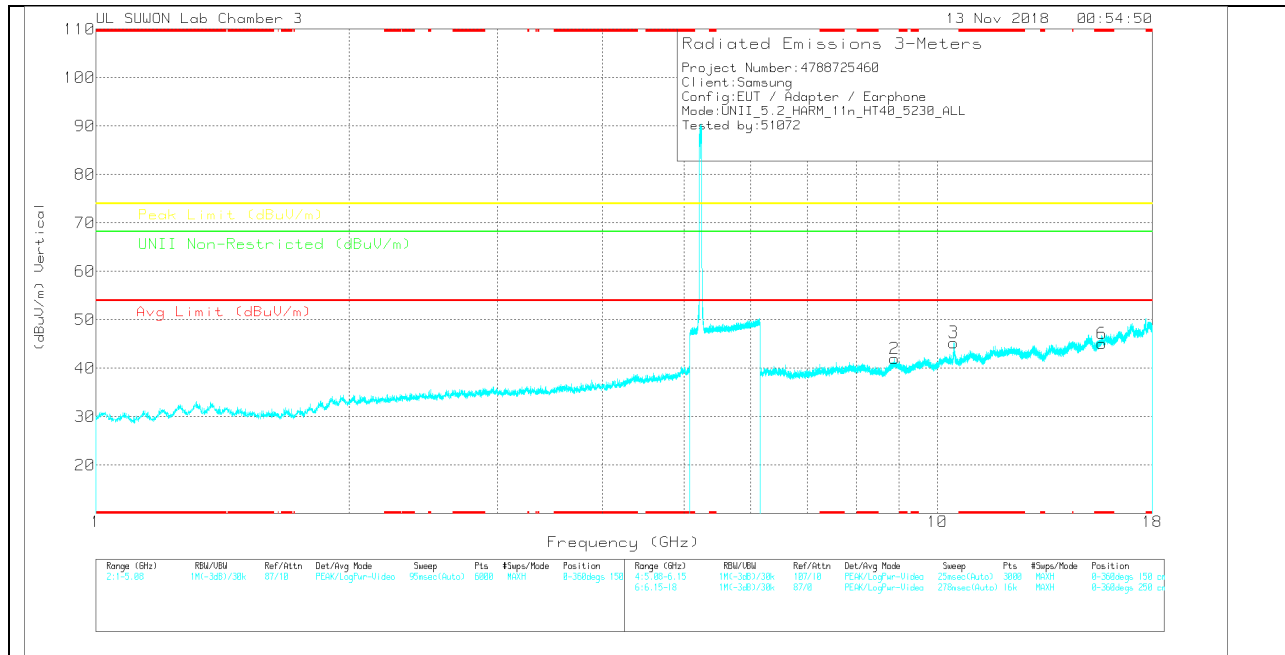
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNR Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.894	25.87	PK	36.5	-21	0	41.37	-	-	-	-	68.2	-26.83	0-360	150	H
4	10.461	30.77	PK	37.7	-19.3	0	49.17	-	-	-	-	68.2	-19.03	0-360	250	H
5	* 15.691	24.32	PK	40.4	-19.3	0	45.42	-	-	74	-28.58	-	-	0-360	150	H
2	8.89	26.4	PK	36.5	-20.9	0	42	-	-	-	-	68.2	-26.2	0-360	250	V
3	10.458	26.91	PK	37.7	-19.3	0	45.31	-	-	-	-	68.2	-22.89	0-360	250	V
6	* 15.691	24.04	PK	40.4	-19.3	0	45.14	-	-	74	-28.86	-	-	0-360	250	V

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

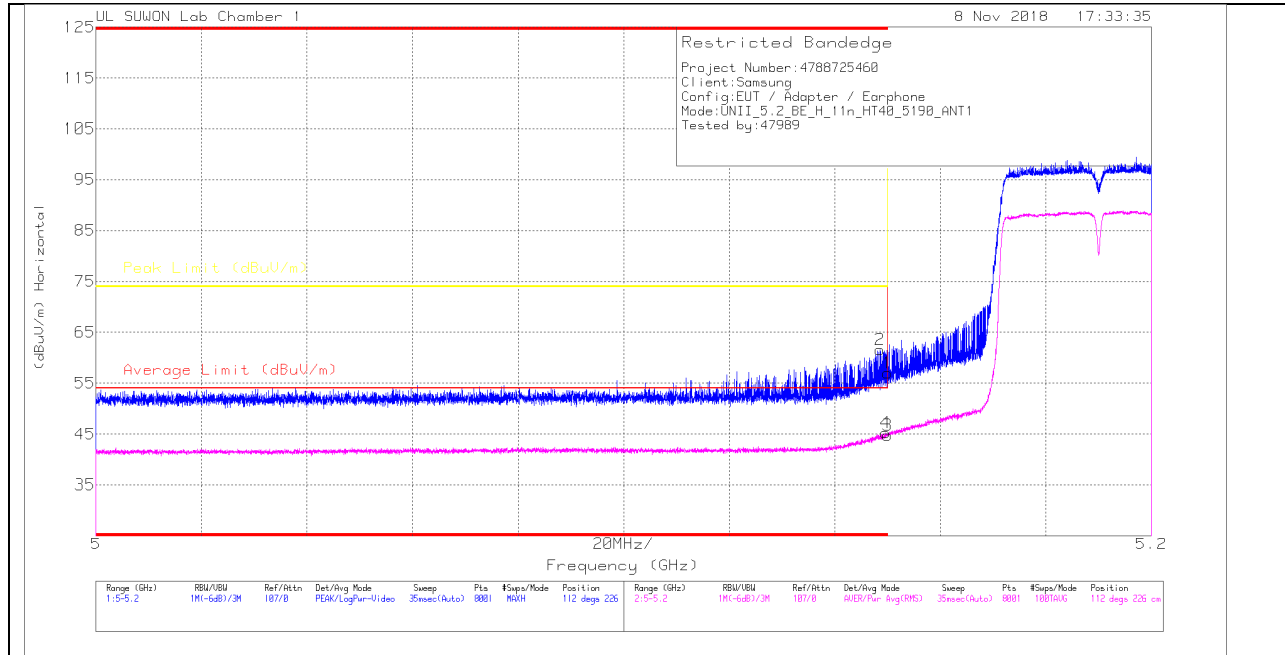
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNR Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.461	36.87	PK-U	37.7	-19.3	0	55.27	-	-	-	-	68.2	-12.93	114	293	H
10.458	33.29	PK-U	37.7	-19.3	0	51.69	-	-	-	-	68.2	-16.51	197	236	V

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

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

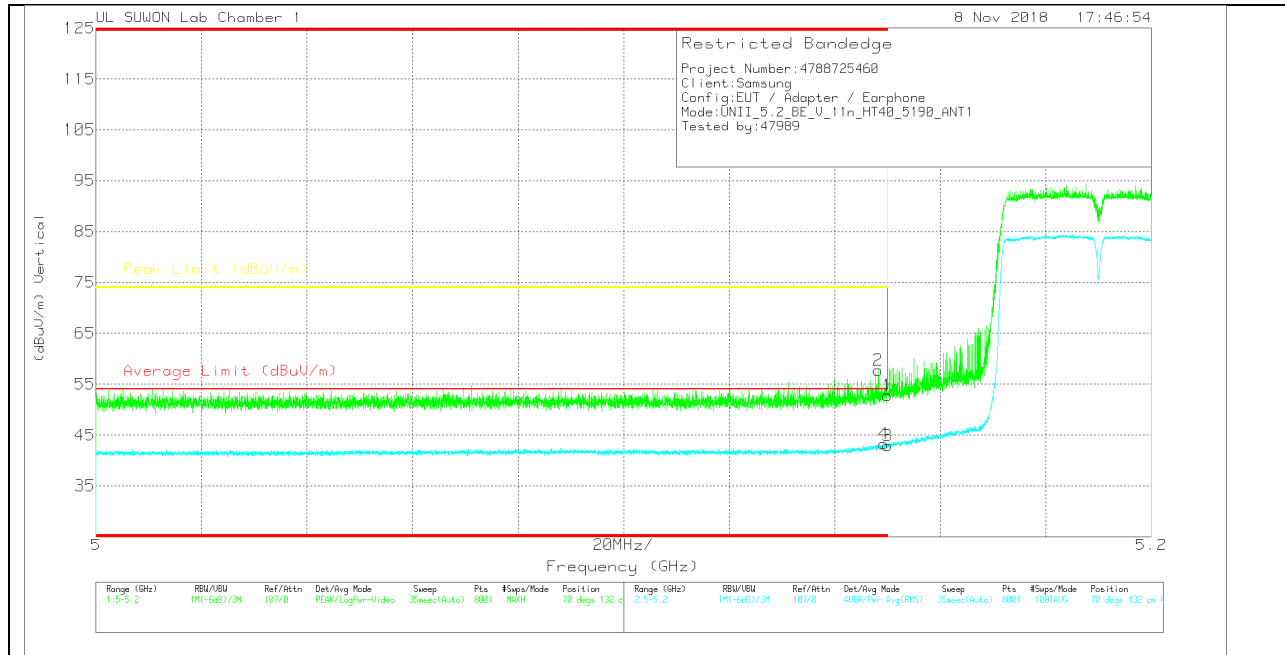
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	44.28	Pk	34.5	-21.8	0	56.98	-	-	74	-17.02	112	226	H
2	* 5.149	48.97	Pk	34.4	-21.8	0	61.57	-	-	74	-12.43	112	226	H
3	5.15	32.29	RMS	34.5	-22	0	44.79	54	-9.21	-	-	112	226	H
4	* 5.15	32.89	RMS	34.4	-22	0	45.29	54	-8.71	-	-	112	226	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	5.15	40.13	Pk		-21.8	0	52.83	-	-	74	-21.17	70	132	V
2	* 5.148	45.12	Pk		-21.8	0	57.72	-	-	74	-16.28	70	132	V
3	5.15	30.43	RMS		-22	0	42.93	54	-11.07	-	-	70	132	V
4	* 5.149	30.86	RMS		-22	0	43.26	54	-10.74	-	-	70	132	V

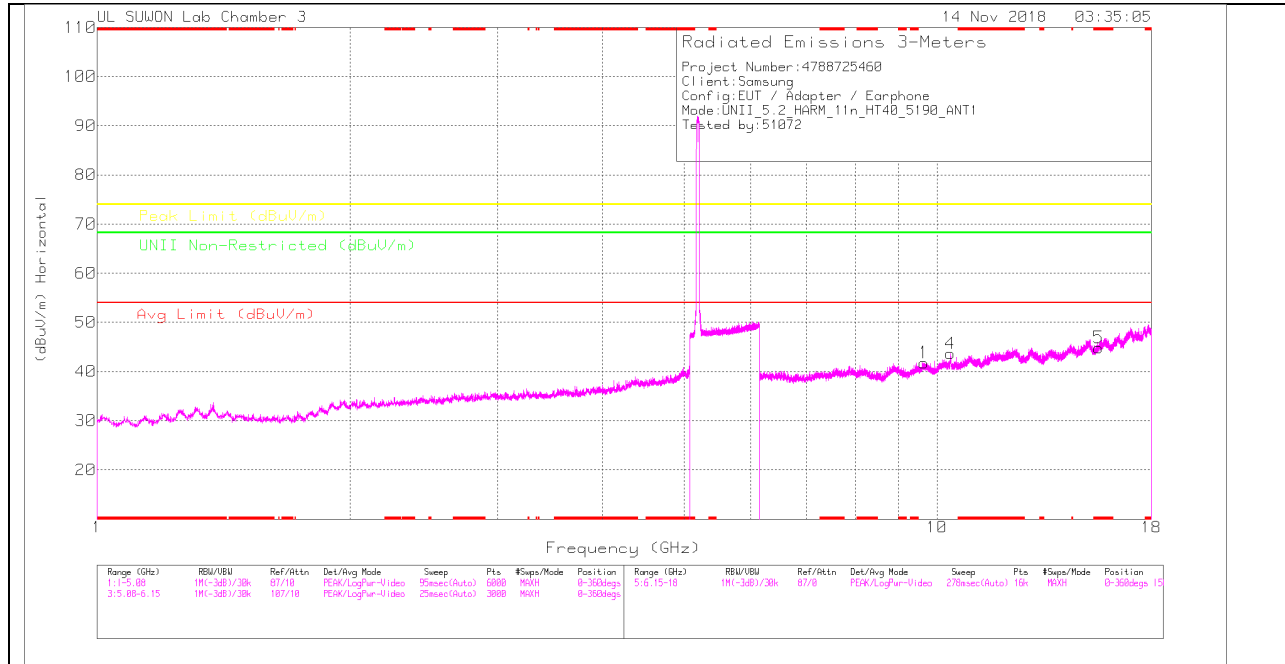
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

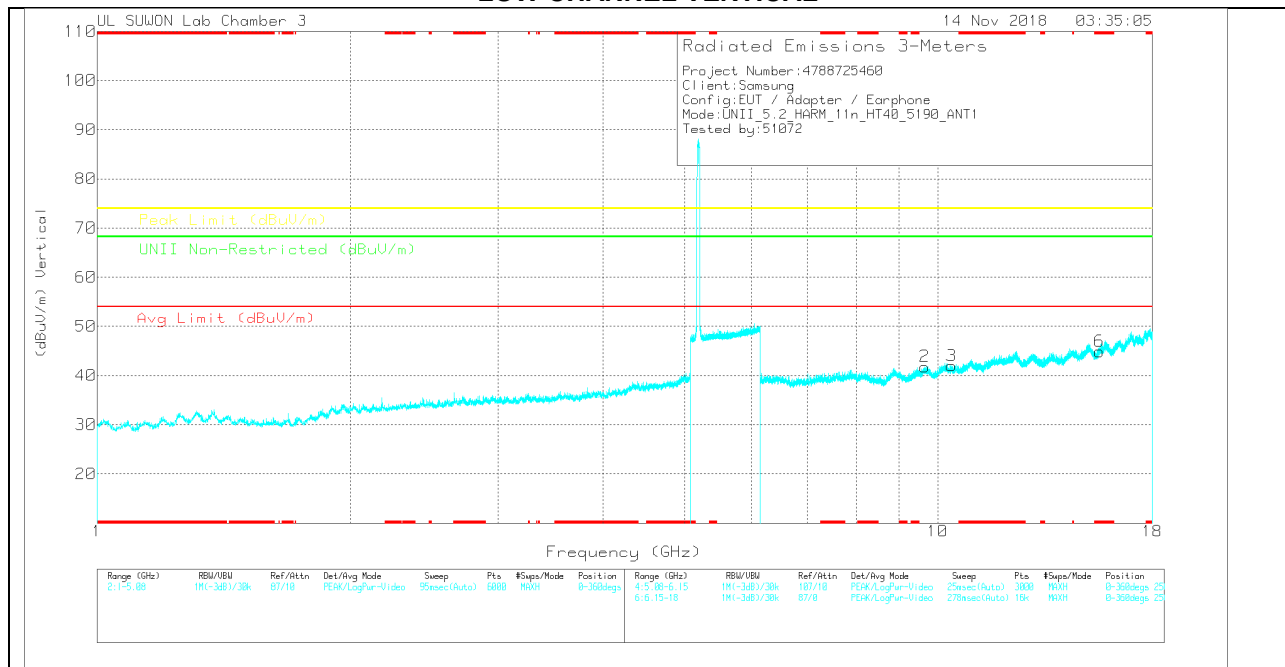
RMS - RMS detection

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	1117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	LNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	9.649	24.39	PK	37.1	-19.7	0	41.79	-	-	-	-	68.2	-26.41	0-360	250	H
4	10.378	25.26	PK	37.6	-19.2	0	43.66	-	-	-	-	68.2	-24.54	0-360	250	H
5	* 15.57	24.26	PK	40.2	-19.6	0	44.86	-	-	74	-29.14	-	-	0-360	250	H
2	9.653	24.51	PK	37.1	-19.8	0	41.81	-	-	-	-	68.2	-26.39	0-360	250	V
3	10.386	23.59	PK	37.6	-19.2	0	41.99	-	-	-	-	68.2	-26.21	0-360	150	V
6	* 15.57	24.3	PK	40.2	-19.6	0	44.9	-	-	74	-29.1	-	-	0-360	150	V

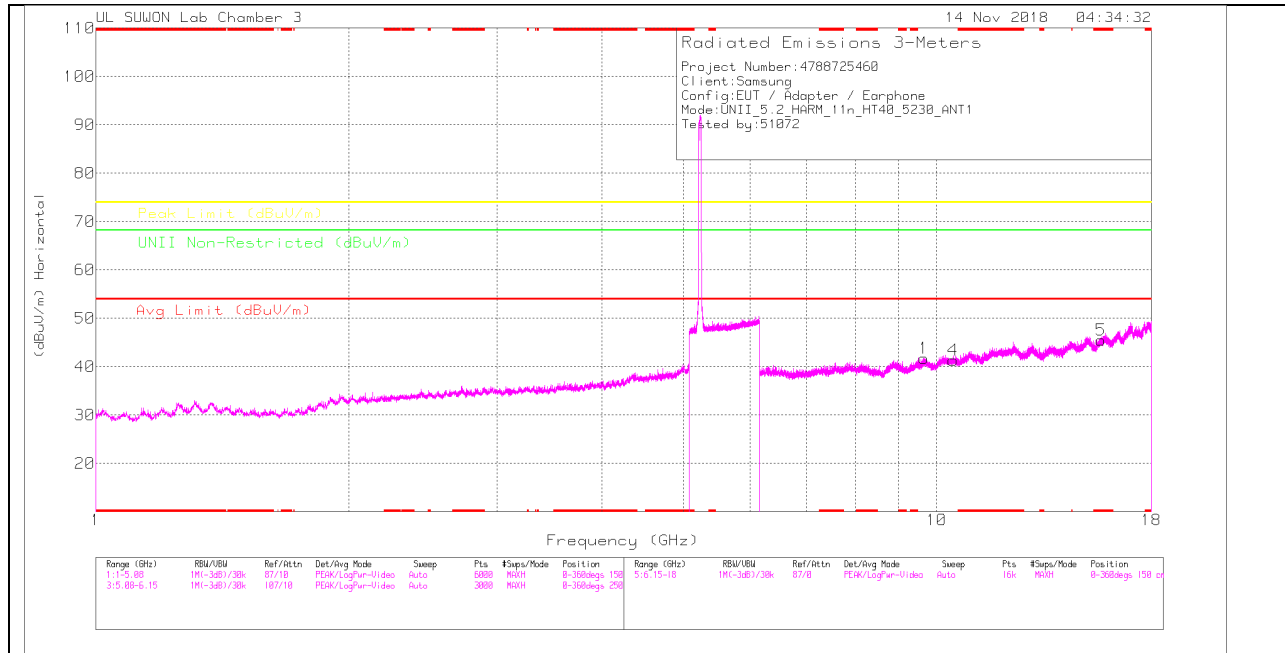
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

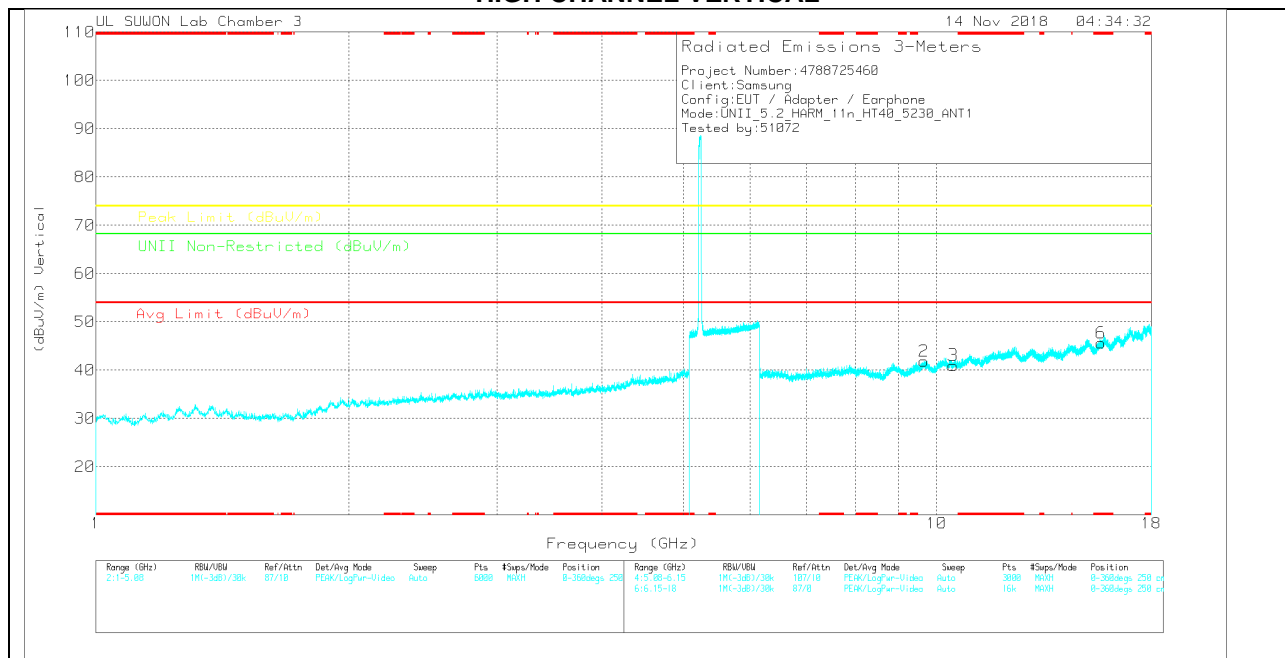
Frequency (GHz)	Meter Reading (dBuV)	Det	1117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	LNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.378	33.84	PK-U	37.6	-19.2	0	52.24	-	-	-	-	68.2	-15.96	212	305	H
10.386	32.27	PK-U	37.6	-19.2	0	50.67	-	-	-	-	68.2	-17.53	13	141	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

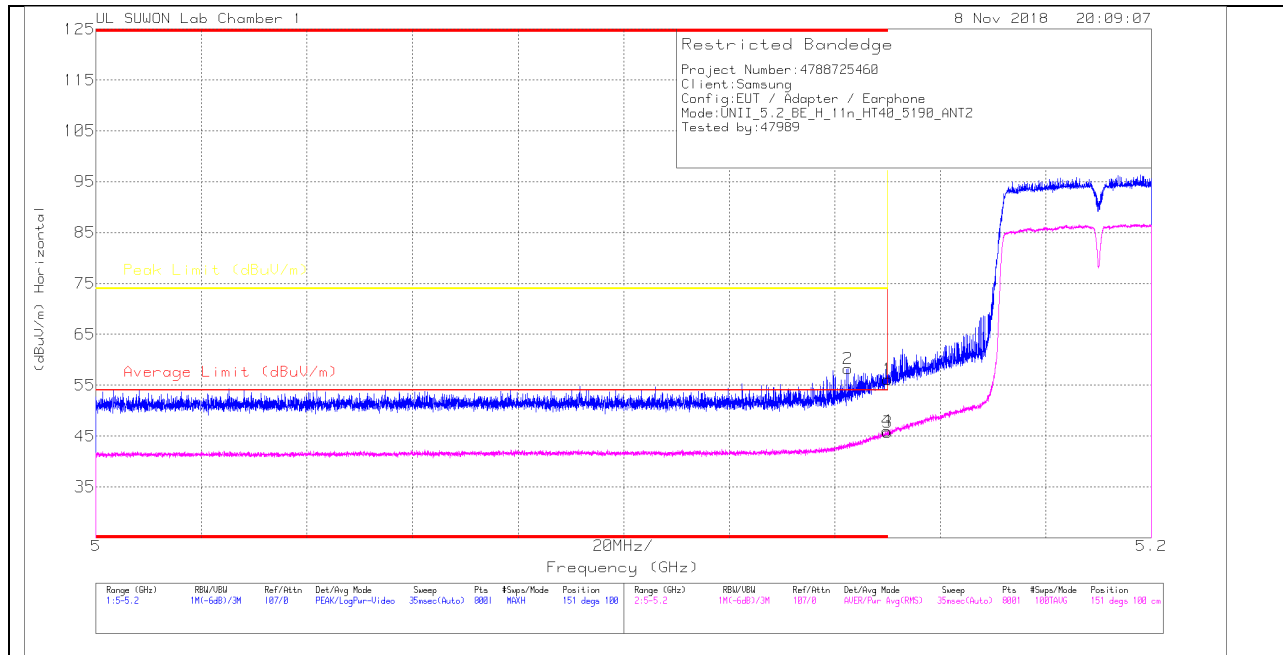
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020959	GHz_HPF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	9.653	24.29	PK	37.1	-19.7	0	41.69	-	-	-	-	68.2	-26.51	0-360	150	H
4	10.461	22.96	PK	37.7	-19.3	0	41.36	-	-	-	-	68.2	-26.84	0-360	150	H
5	* 15.69	24.38	PK	40.4	-19.3	0	45.48	-	-	74	-28.52	-	-	0-360	150	H
2	9.653	24.51	PK	37.1	-19.8	0	41.81	-	-	-	-	68.2	-26.39	0-360	250	V
3	10.461	22.62	PK	37.7	-19.3	0	41.02	-	-	-	-	68.2	-27.18	0-360	150	V
6	* 15.69	24.5	PK	40.4	-19.3	0	45.6	-	-	74	-28.4	-	-	0-360	250	V

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

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

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

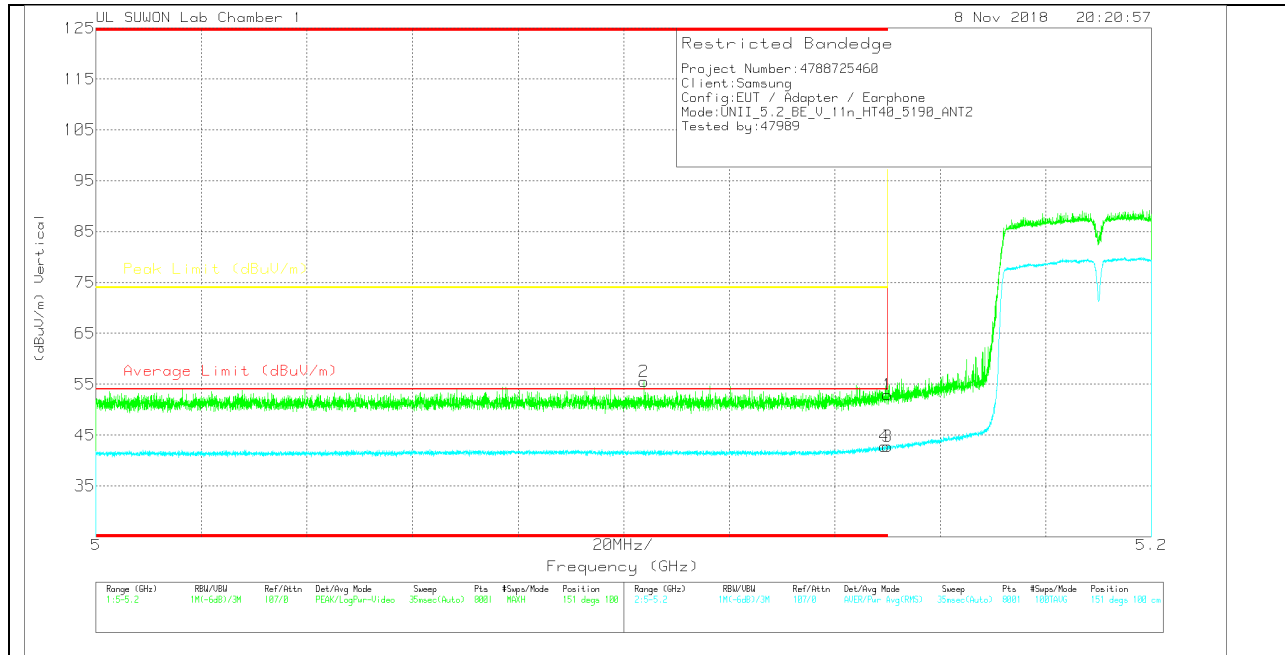
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	43.42	Pk	34.5	-21.8	0	56.12	-	-	74	-17.88	151	100	H
2	* 5.143	45.62	Pk	34.4	-21.8	0	58.22	-	-	74	-15.78	151	100	H
3	5.15	33.22	RMS	34.5	-22	0	45.72	54	-8.28	-	-	151	100	H
4	* 5.15	33.59	RMS	34.4	-22	0	45.99	54	-8.01	-	-	151	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	5.15	40.26	Pk	34.5	-21.8	0	52.96	-	-	74	-21.04	151	100	V
2	* 5.104	42.88	Pk	34.4	-21.8	0	55.48	-	-	74	-18.52	151	100	V
3	5.15	30.28	RMS	34.5	-22	0	42.78	54	-11.22	-	-	151	100	V
4	* 5.149	30.4	RMS	34.4	-22	0	42.8	54	-11.2	-	-	151	100	V

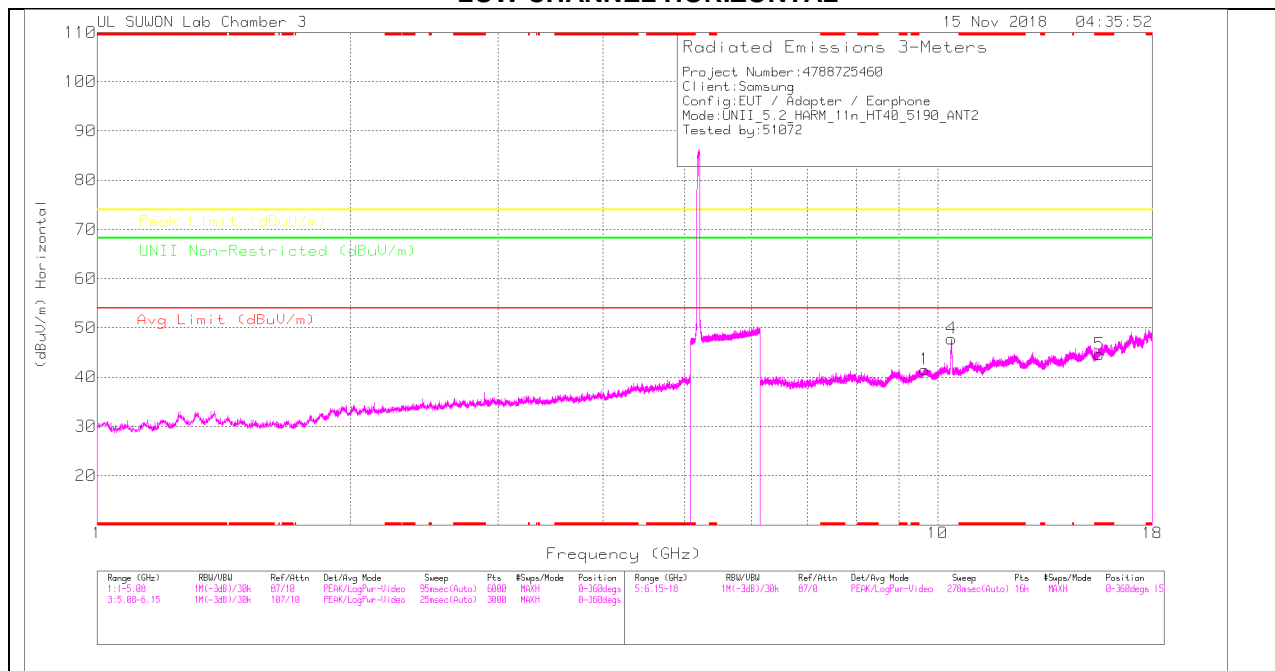
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

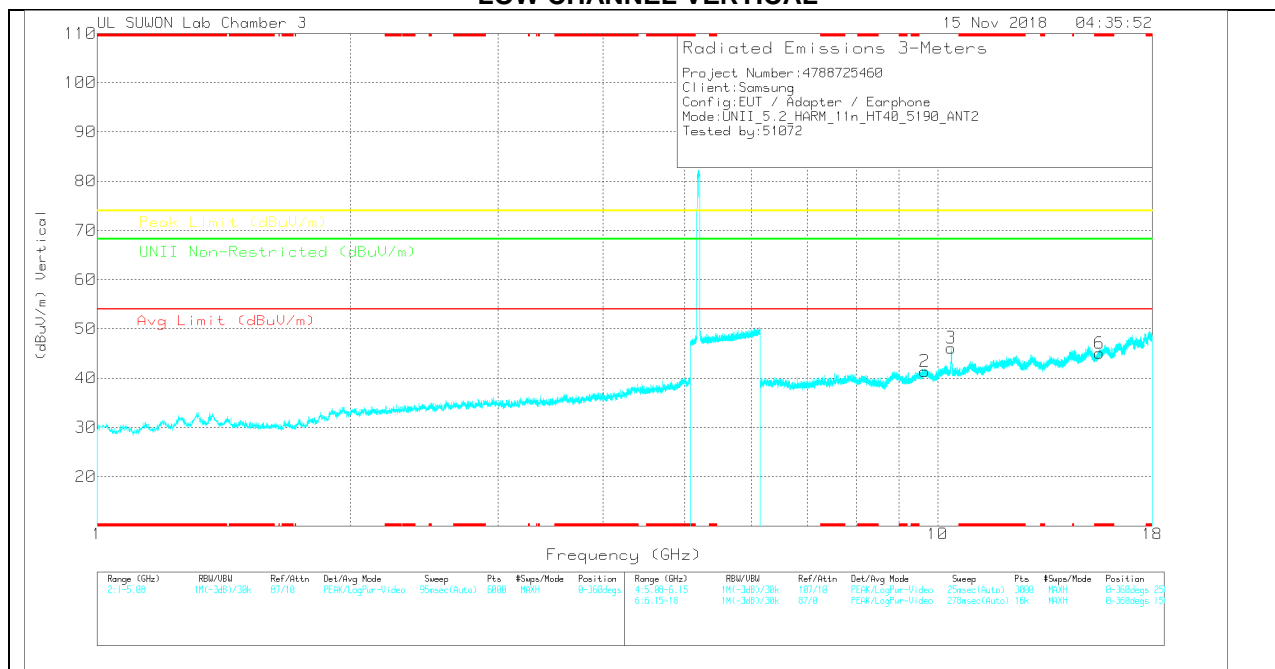
RMS - RMS detection

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_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNR Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	9.653	24.25	PK	37.1	-19.8	0	41.55	-	-	-	-	68.2	-26.65	0-360	250	H
4	10.384	29.41	PK	37.6	-19.2	0	47.81	-	-	-	-	68.2	-20.39	0-360	150	H
5	*15.571	24.05	PK	40.2	-19.6	0	44.65	-	-	74	-29.35	-	-	0-360	150	H
2	9.651	23.99	PK	37.1	-19.7	0	41.39	-	-	-	-	68.2	-26.81	0-360	150	V
3	10.376	27.73	PK	37.6	-19.2	0	46.13	-	-	-	-	68.2	-22.07	0-360	250	V
6	*15.571	24.47	PK	40.2	-19.6	0	45.07	-	-	74	-28.93	-	-	0-360	250	V

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

PK – Peak Detector

Radiated Emissions

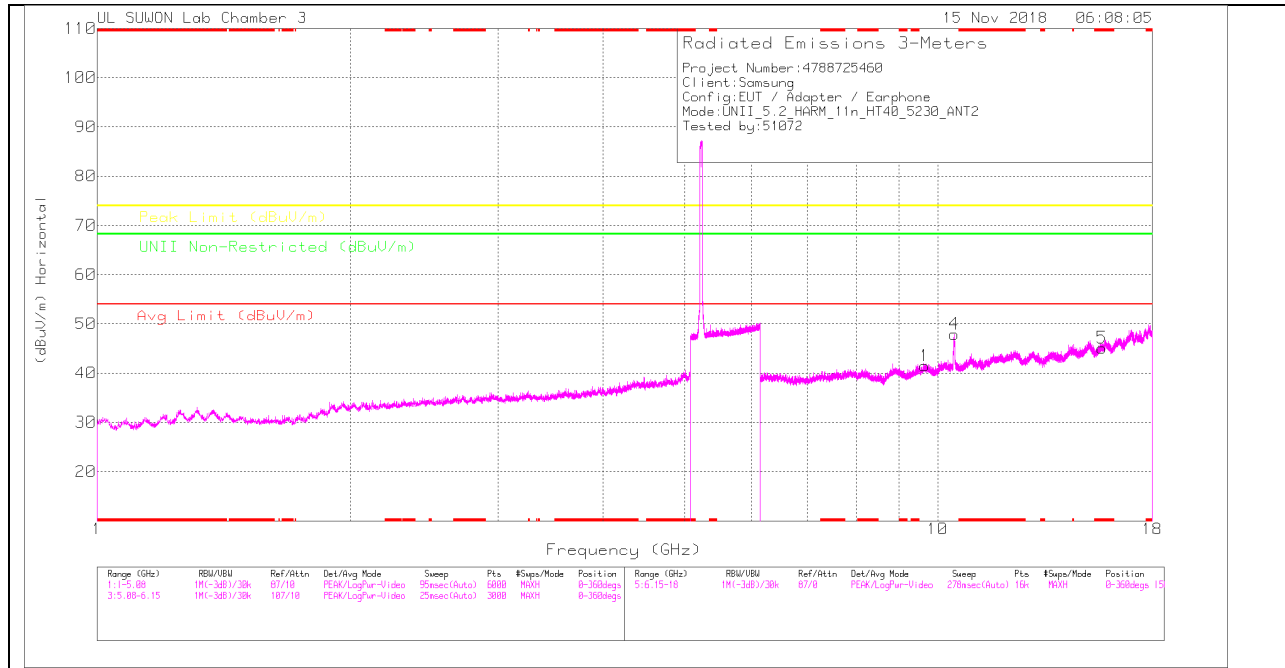
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNR Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.384	39.6	PK-U	37.6	-19.2	0	58	-	-	-	-	68.2	-10.2	219	115	H
*15.571	32.12	PK-U	40.2	-19.6	0	52.72	-	-	74	-21.28	-	-	157	168	H
*15.571	22.01	ADR	40.2	-19.6	0	42.61	54	-11.39	-	-	-	-	157	168	H
10.376	32.48	PK-U	37.6	-19.2	0	50.88	-	-	-	-	68.2	-17.32	132	313	V
*15.571	31.64	PK-U	40.2	-19.6	0	52.24	-	-	74	-21.76	-	-	332	125	V
*15.571	21.68	ADR	40.2	-19.6	0	42.28	54	-11.72	-	-	-	-	332	125	V

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

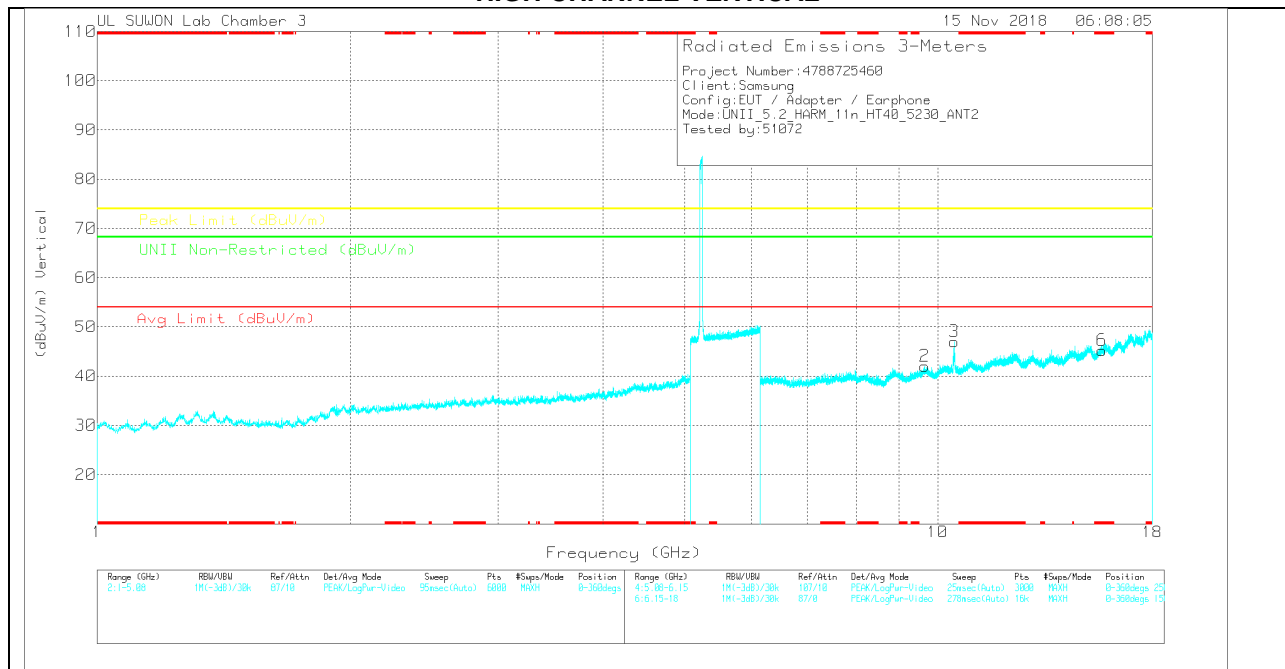
PK-U - U-NII: Maximum Peak

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_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNR Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	9.657	24.09	PK	37.1	-19.7	0	41.49	-	-	-	-	68.2	-26.71	0-360	250	H
4	10.46	29.53	PK	37.7	-19.3	0	47.93	-	-	-	-	68.2	-20.27	0-360	250	H
5	* 15.691	24.02	PK	40.4	-19.3	0	45.12	-	-	74	-28.88	-	-	0-360	250	H
2	9.656	24.75	PK	37.1	-19.8	0	42.05	-	-	-	-	68.2	-26.15	0-360	250	V
3	10.459	28.61	PK	37.7	-19.3	0	47.01	-	-	-	-	68.2	-21.19	0-360	250	V
6	* 15.691	24.14	PK	40.4	-19.3	0	45.24	-	-	74	-28.76	-	-	0-360	250	V

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

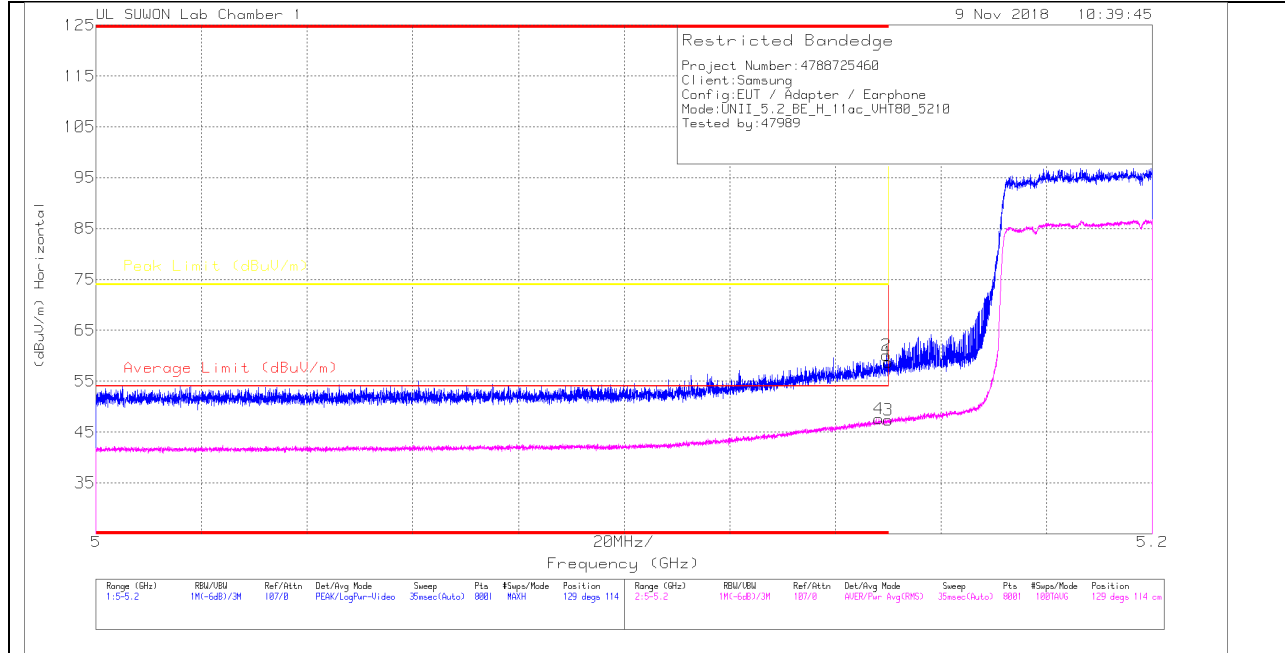
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNR Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.46	38.32	PK-U	37.7	-19.3	0	56.72	-	-	-	-	68.2	-11.48	237	120	H
10.459	35.76	PK-U	37.7	-19.3	0	54.16	-	-	-	-	68.2	-14.04	207	356	V

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

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

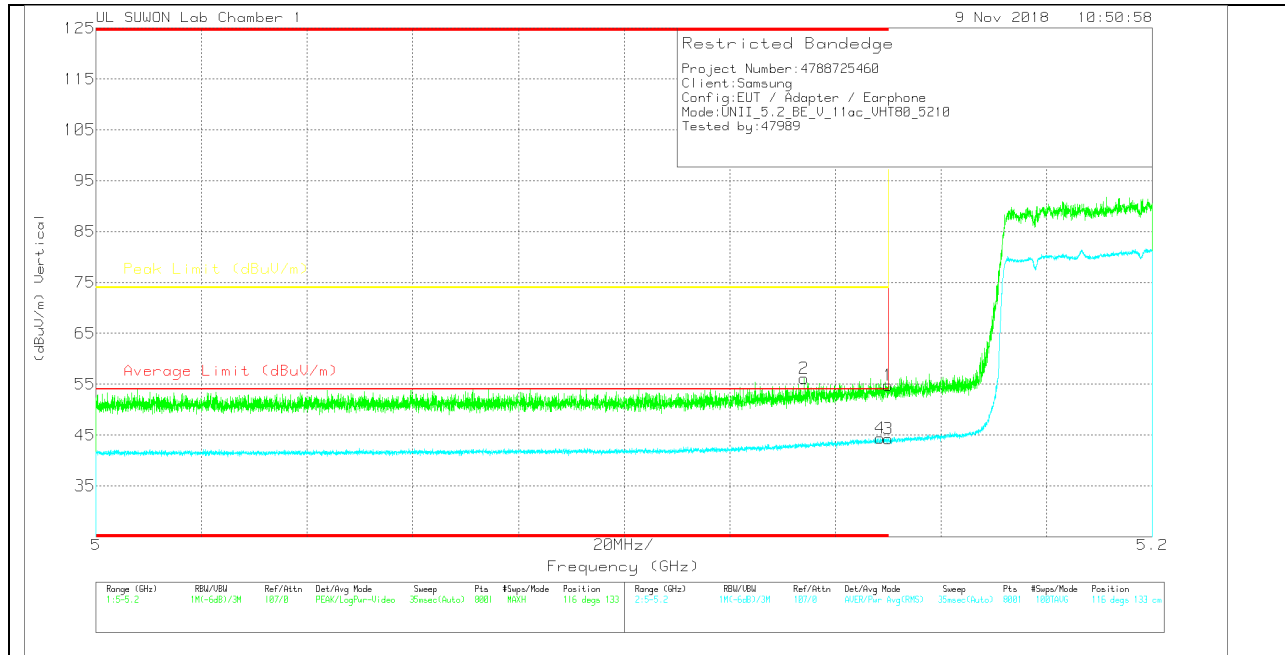
Marker	Frequency (GHz)	Meter Reading (dBu)	Det	3117_D0168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	45.99	Pk	34.5	-21.8	0	58.69	-	-	74	-15.31	129	114	H
2	* 5.15	47.53	Pk	34.4	-21.8	0	60.13	-	-	74	-13.87	129	114	H
3	5.15	34.88	RMS	34.5	-22	0	47.38	54	-6.62	-	-	129	114	H
4	* 5.148	35.17	RMS	34.4	-22	0	47.57	54	-6.43	-	-	129	114	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	5.15	42.08	PK	34.5	-21.8	0	54.78	-	-	74	-19.22	116	133	V
2	* 5.134	43.55	PK	34.4	-21.8	0	56.15	-	-	74	-17.85	116	133	V
3	5.15	31.78	RMS	34.5	-22	0	44.28	54	-9.72	-	-	116	133	V
4	* 5.148	31.99	RMS	34.4	-22	0	44.39	54	-9.61	-	-	116	133	V

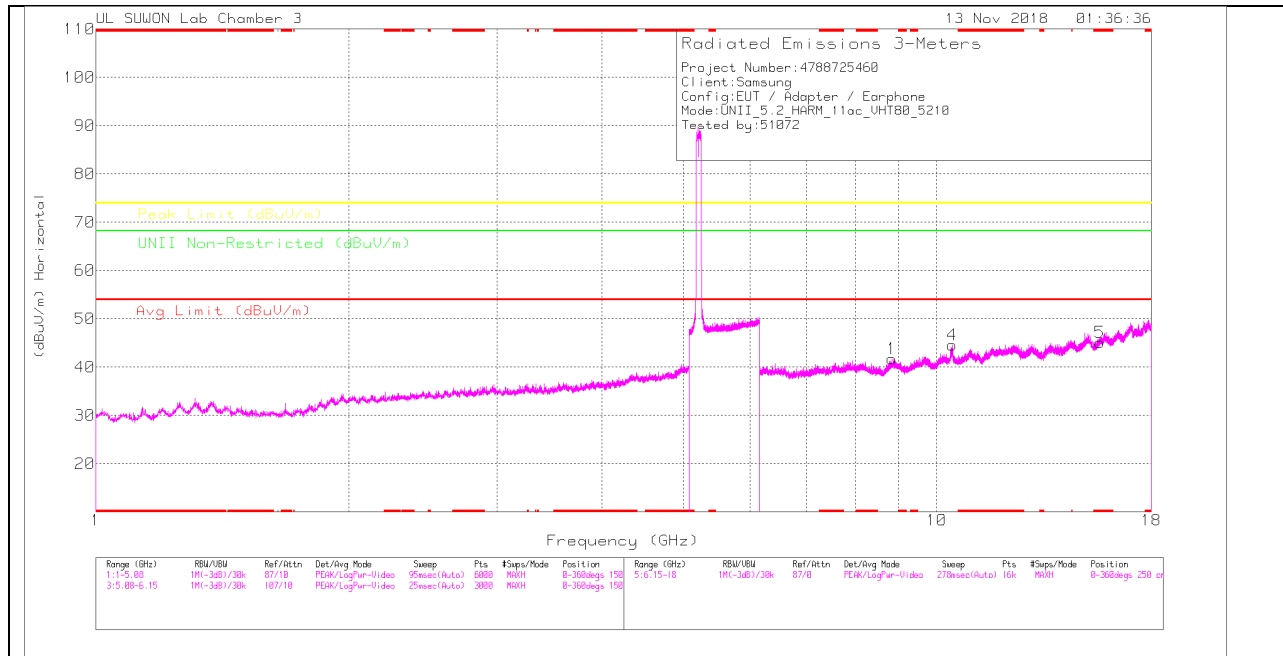
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

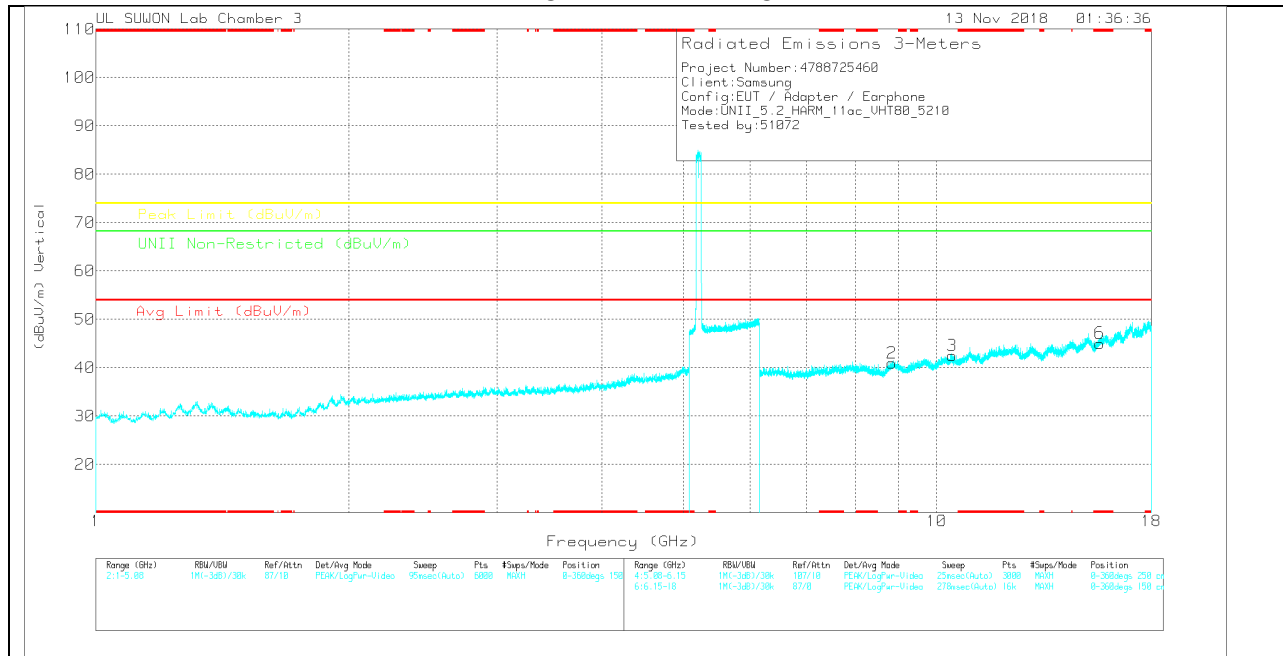
RMS - RMS detection

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 (dBm)	Det	3117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	8.842	26.09	PK	36.5	-20.8	0	41.79	-	-	-	-	68.2	-26.41	0-360	150	H
4	10.435	26.16	PK	37.7	-19.3	0	44.56	-	-	-	-	68.2	-23.64	0-360	250	H
5	*15.621	24.23	PK	40.3	-19.4	0	45.13	-	-	74	-28.87	-	-	0-360	150	H
2	8.843	25.21	PK	36.5	-20.8	0	40.91	-	-	-	-	68.2	-27.29	0-360	150	V
3	10.43	24.2	PK	37.7	-19.4	0	42.5	-	-	-	-	68.2	-25.7	0-360	250	V
6	*15.631	24.15	PK	40.3	-19.4	0	45.05	-	-	74	-28.95	-	-	0-360	150	V

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

PK – Peak Detector

Radiated Emissions

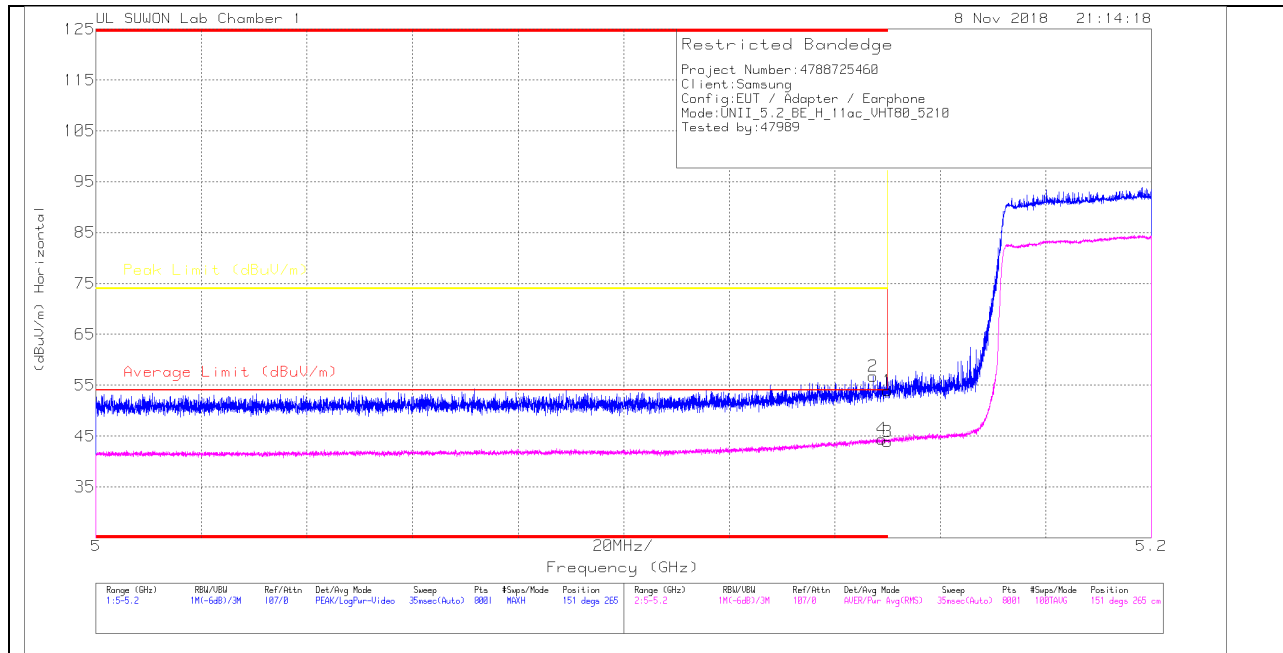
Frequency (GHz)	Meter Reading (dBm)	Det	3117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
10.435	30.7	PK-U	37.7	-19.3	0	49.1	-	-	-	-	68.2	-19.1	59	372	H
10.431	30.79	PK-U	37.7	-19.4	0	49.09	-	-	-	-	68.2	-19.11	84	364	V

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

PK-U - U-NII: Maximum Peak

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

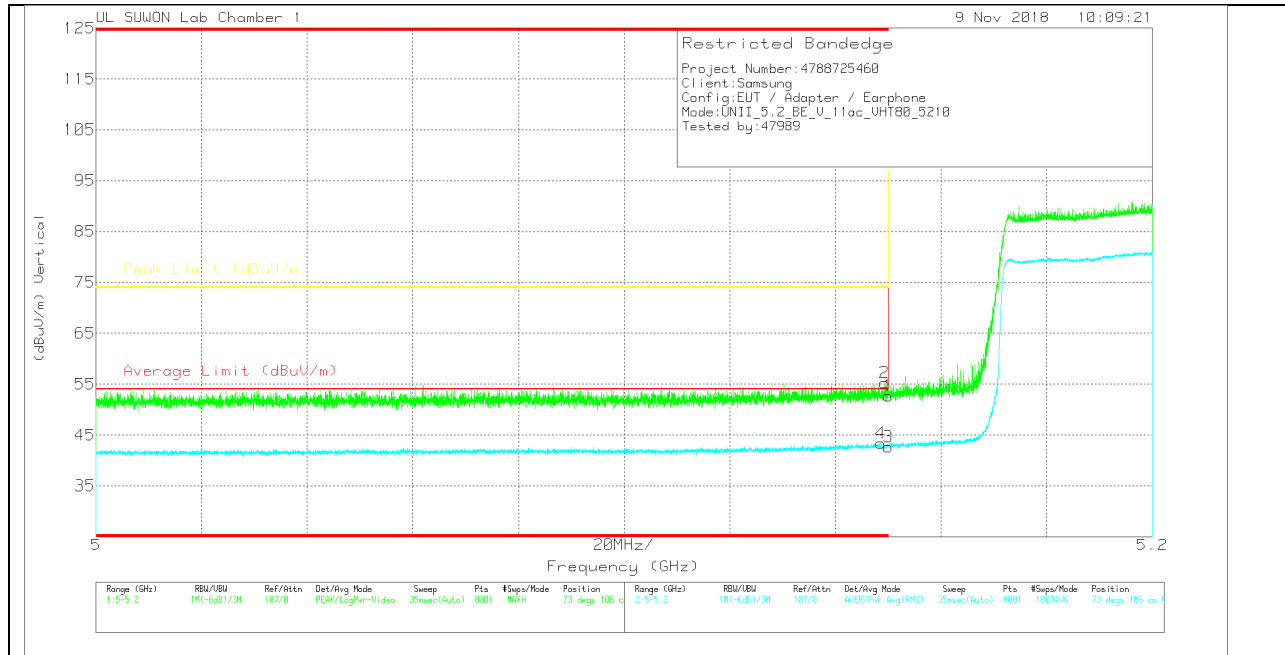
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	41.19	Pk	34.5	-21.8	0	53.89	-	-	74	-20.11	151	265	H
2	* 5.147	44.13	Pk	34.4	-21.8	0	56.73	-	-	74	-17.27	151	265	H
3	5.15	31.37	RMS	34.5	-22	0	43.87	54	-10.13	-	-	151	265	H
4	* 5.149	32.05	RMS	34.4	-22	0	44.45	54	-9.55	-	-	151	265	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	5.15	39.96	Pk	34.5	-21.8	0	52.66	-	-	74	-21.34	73	106	V
2	* 5.149	42.63	Pk	34.4	-21.8	0	55.23	-	-	74	-18.77	73	106	V
3	5.15	30.11	RMS	34.5	-22	0	42.61	54	-11.39	-	-	73	106	V
4	* 5.149	31.01	RMS	34.4	-22	0	43.41	54	-10.59	-	-	73	106	V

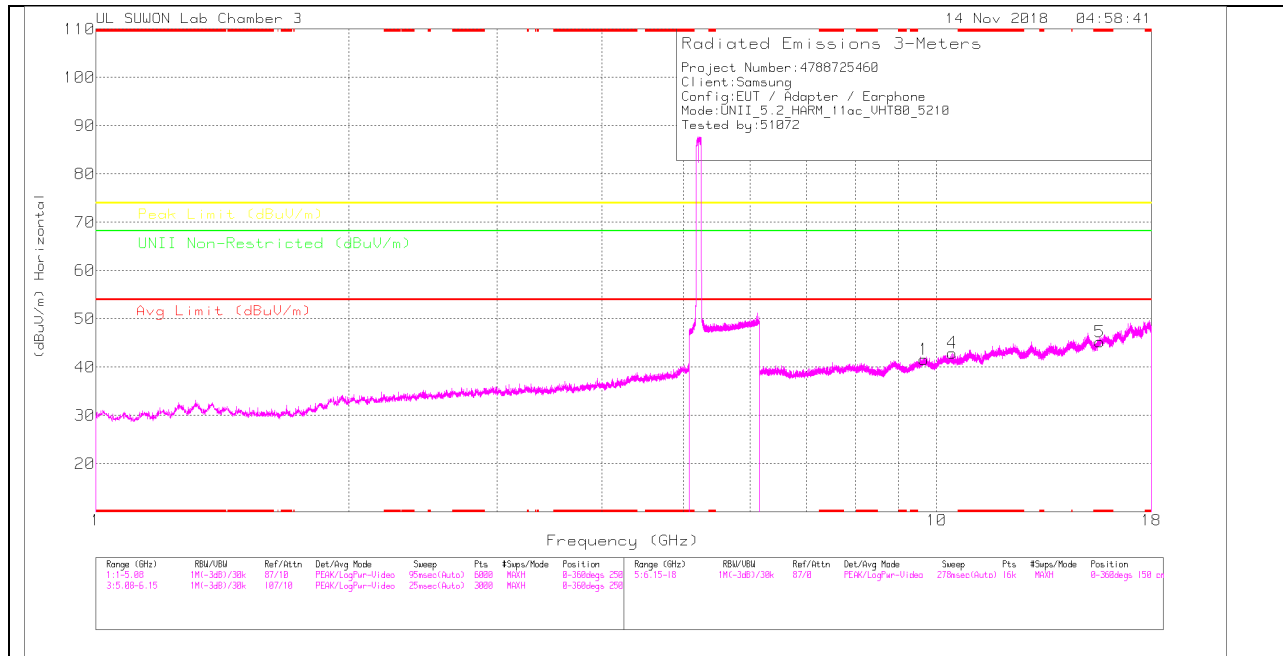
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

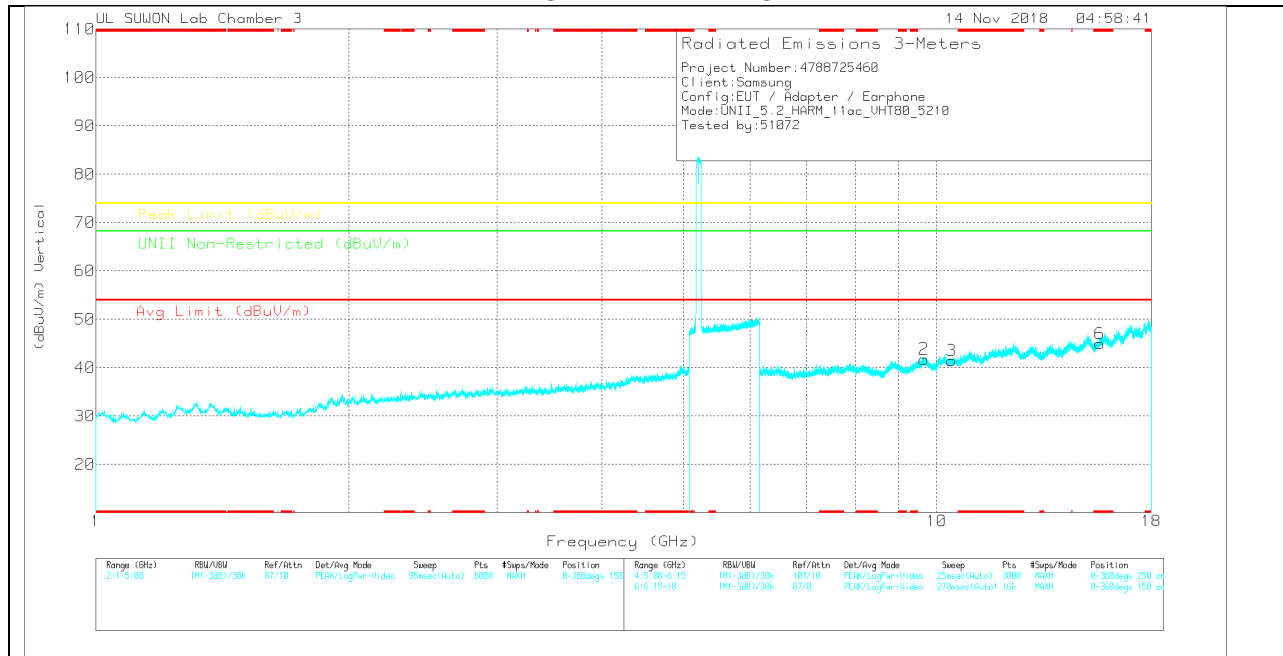
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	9.661	24.21	PK	37.1	-19.7	0	41.63	-	-	-	-	68.2	-26.59	0-360	150	H
4	10.425	24.67	PK	37.7	-19.4	0	43.97	-	-	-	-	68.2	-25.23	0-360	250	H
5	*15.621	24.34	PK	40.3	-19.4	0	45.24	-	-	74	-28.76	-	-	0-360	150	H
2	9.658	24.4	PK	37.1	-19.7	0	41.8	-	-	-	-	68.2	-26.4	0-360	250	V
3	10.42	23.24	PK	37.6	-19.4	0	41.44	-	-	-	-	68.2	-26.76	0-360	150	V
6	*15.631	24.13	PK	40.3	-19.4	0	45.03	-	-	74	-28.97	-	-	0-360	150	V

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

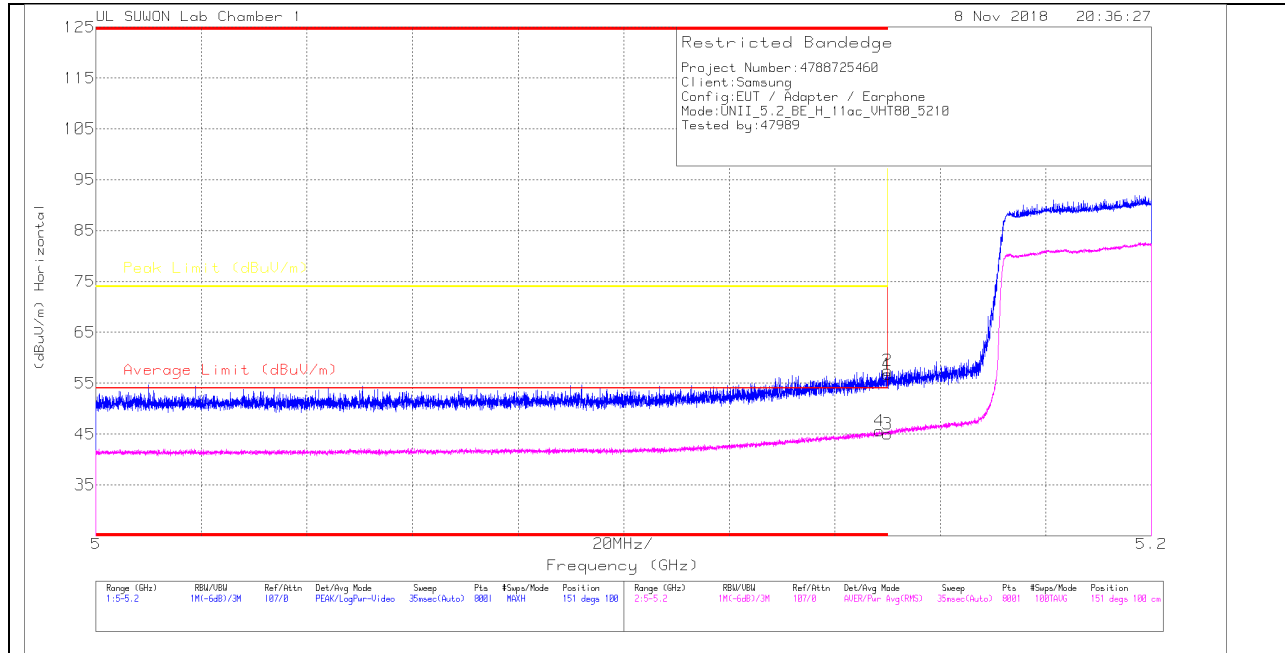
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.425	30.21	PK-U	37.7	-19.4	0	48.51	-	-	-	-	68.2	-19.69	264	112	H
10.42	31.73	PK-U	37.6	-19.4	0	49.93	-	-	-	-	68.2	-18.27	262	316	V

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

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

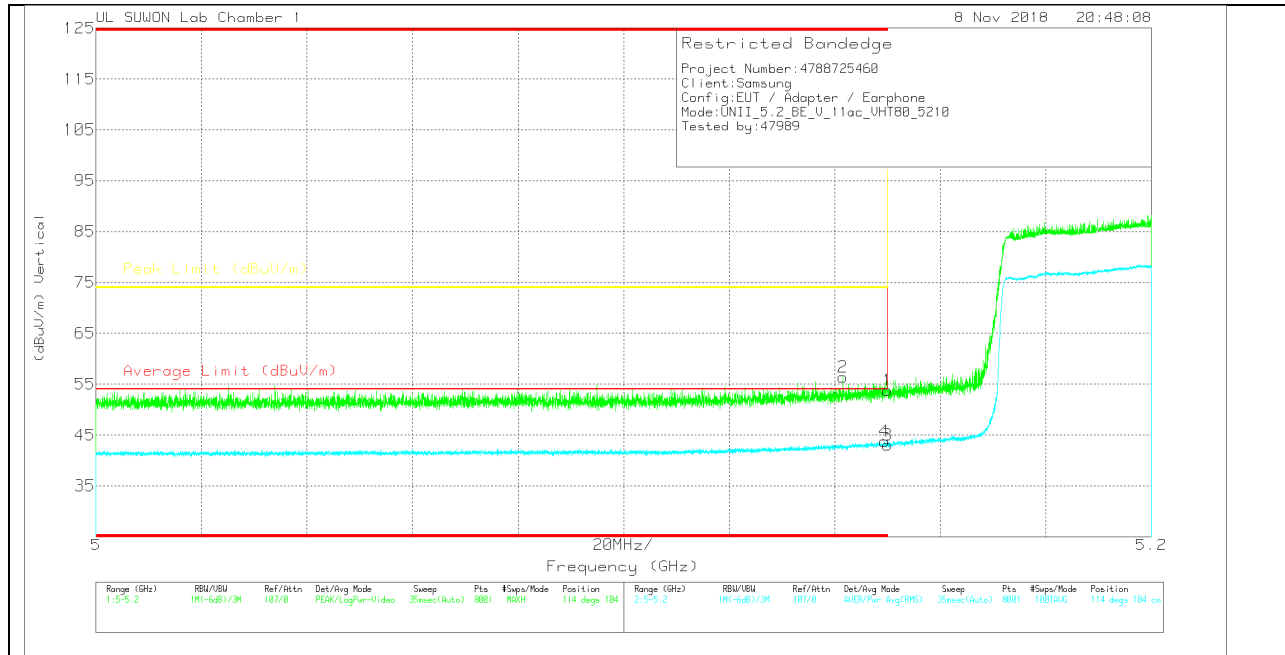
Marker	Frequency (GHz)	Meter Reading (dBu)	Det	3117_D0168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	44.02	Pk	34.5	-21.8	0	56.72	-	-	74	-17.28	151	100	H
2	* 5.15	44.92	Pk	34.4	-21.8	0	57.52	-	-	74	-16.48	151	100	H
3	5.15	32.51	RMS	34.5	-22	0	45.01	54	-8.99	-	-	151	100	H
4	* 5.149	33.23	RMS	34.4	-22	0	45.63	54	-8.37	-	-	151	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	5.15	41.12	Pk	34.5	-21.8	0	53.82	-	-	74	-20.18	114	104	V
2	* 5.142	43.8	Pk	34.4	-21.8	0	56.4	-	-	74	-17.6	114	104	V
3	5.15	30.51	RMS	34.5	-22	0	43.01	54	-10.99	-	-	114	104	V
4	* 5.149	31.33	RMS	34.4	-22	0	43.73	54	-10.27	-	-	114	104	V

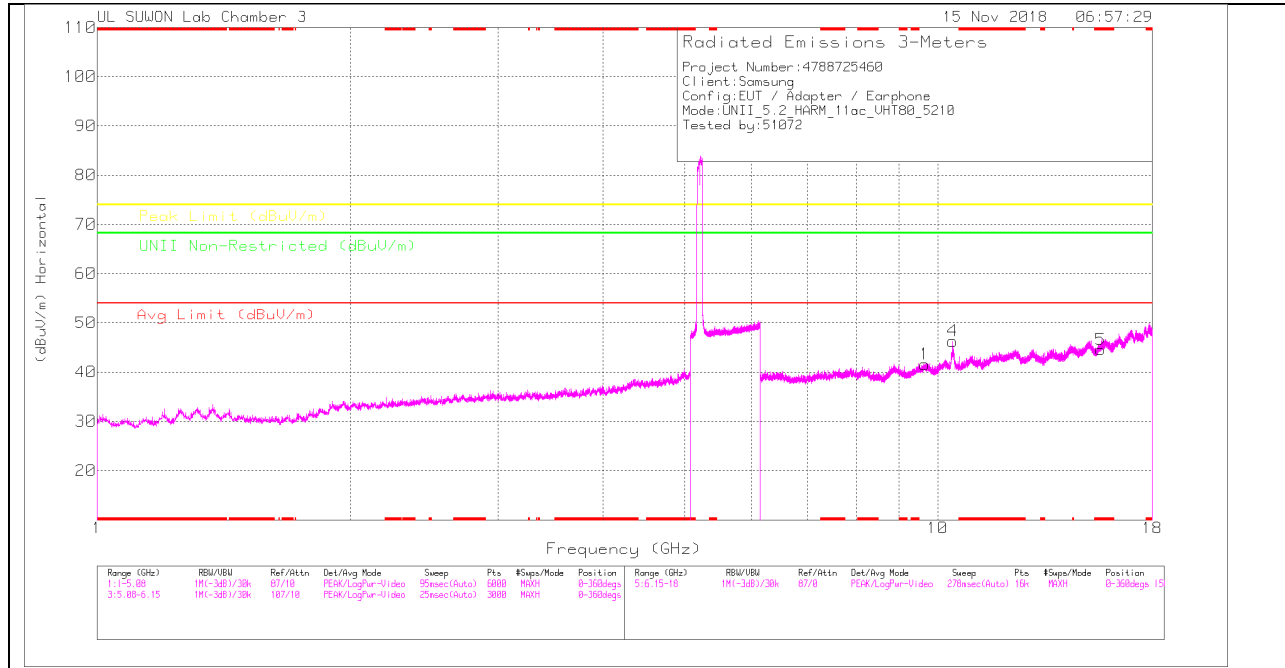
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

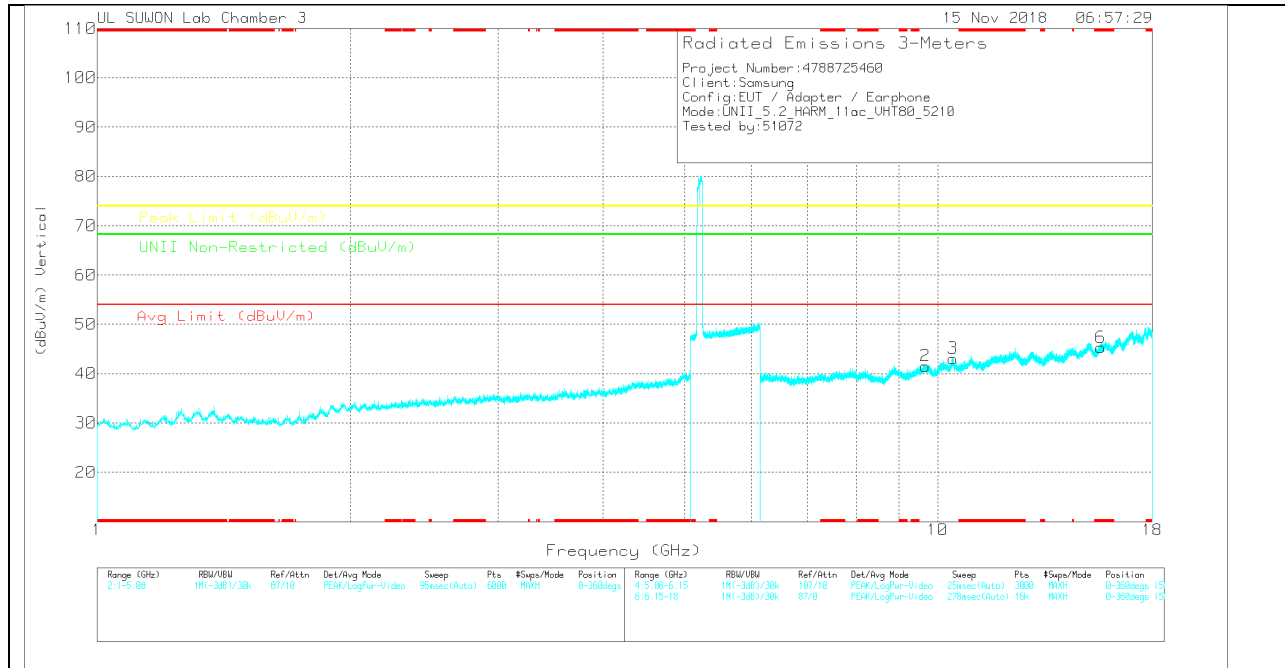
RMS - RMS detection

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	1117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	LNI Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	9.657	24.17	PK	37.1	-19.7	0	41.57	-	-	-	-	68.2	-26.63	0-360	250	H
4	10.418	28.09	PK	37.6	-19.4	0	46.29	-	-	-	-	68.2	-21.91	0-360	250	H
5	*15.621	23.66	PK	40.3	-19.4	0	44.56	-	-	74	-29.44	-	-	0-360	250	H
2	9.663	24.16	PK	37.1	-19.7	0	41.56	-	-	-	-	68.2	-26.64	0-360	150	V
3	10.427	24.78	PK	37.7	-19.4	0	43.08	-	-	-	-	68.2	-25.12	0-360	250	V
6	*15.631	24.41	PK	40.3	-19.4	0	45.31	-	-	74	-28.69	-	-	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	1117_0020959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	LNI Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
10.418	32.03	PK-U	37.6	-19.4	0	50.23	-	-	-	-	68.2	-17.97	222	152	H
10.427	32.8	PK-U	37.7	-19.4	0	51.1	-	-	-	-	68.2	-17.1	192	119	V

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

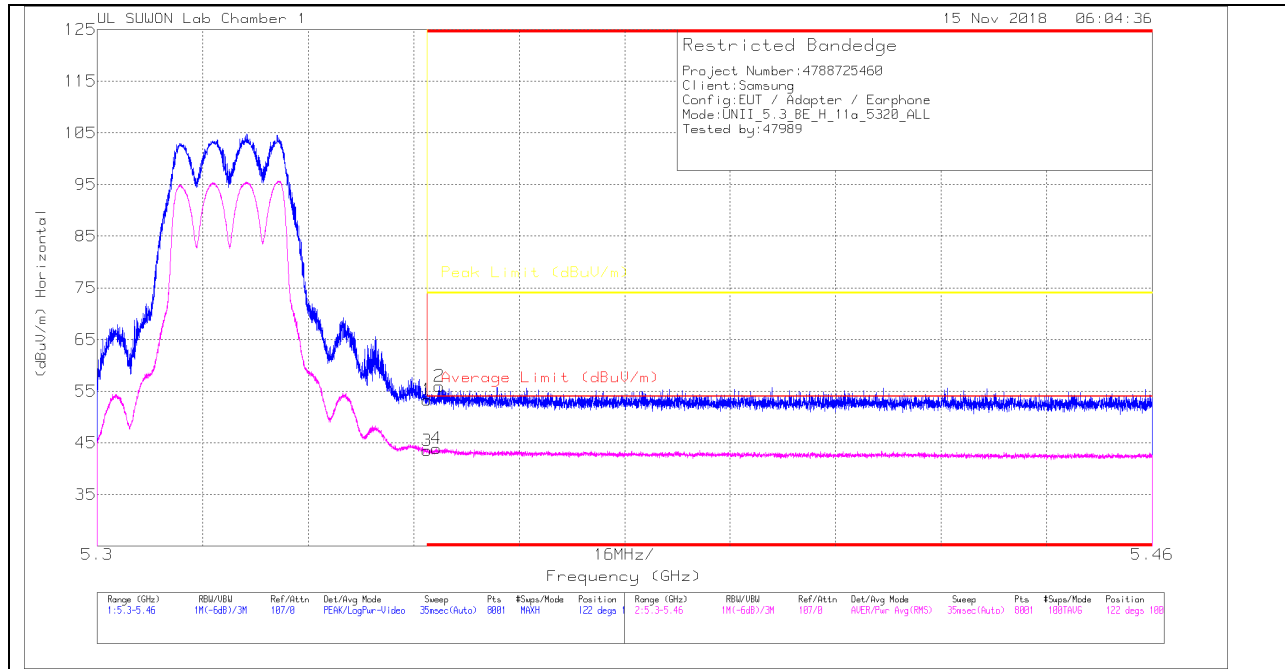
PK-U - U-NII: Maximum Peak

11.2. 5.3 GHz

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

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

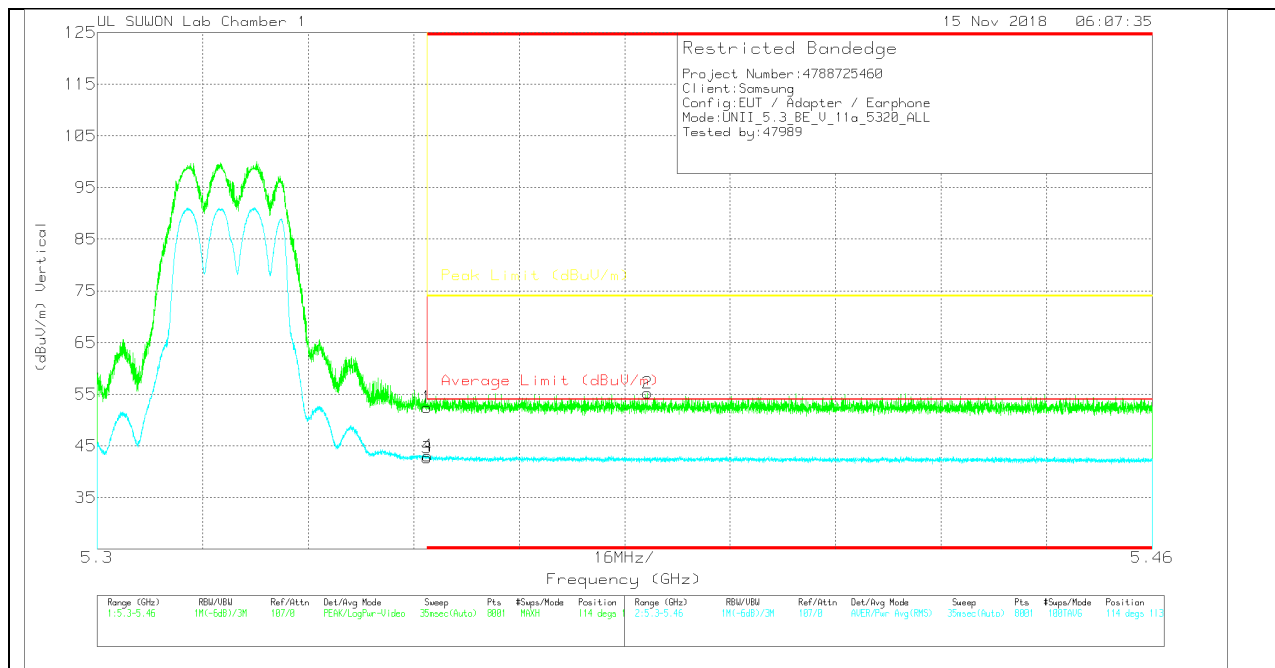
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asmuth (Degs)	Height (cm)	Polarity
1	* 5.35	40.22	Pk	34.7	-21.6	0	53.32	-	-	74	-20.68	122	100	H
2	* 5.352	42.89	Pk	34.7	-21.6	0	55.99	-	-	74	-18.01	122	100	H
3	* 5.35	30.53	RMS	34.7	-21.7	0	43.53	54	-10.47	-	-	122	100	H
4	* 5.351	30.93	RMS	34.7	-21.7	0	43.93	54	-10.07	-	-	122	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	* 5.35	39.38	Pk	34.7	-21.6	0	52.48	-	-	74	-21.52	114	113	V
2	* 5.384	42.03	Pk	34.7	-21.5	0	55.23	-	-	74	-18.77	114	113	V
3	* 5.35	29.69	RMS	34.7	-21.7	0	42.69	54	-11.31	-	-	114	113	V
4	* 5.35	30.09	RMS	34.7	-21.7	0	43.09	54	-10.91	-	-	114	113	V

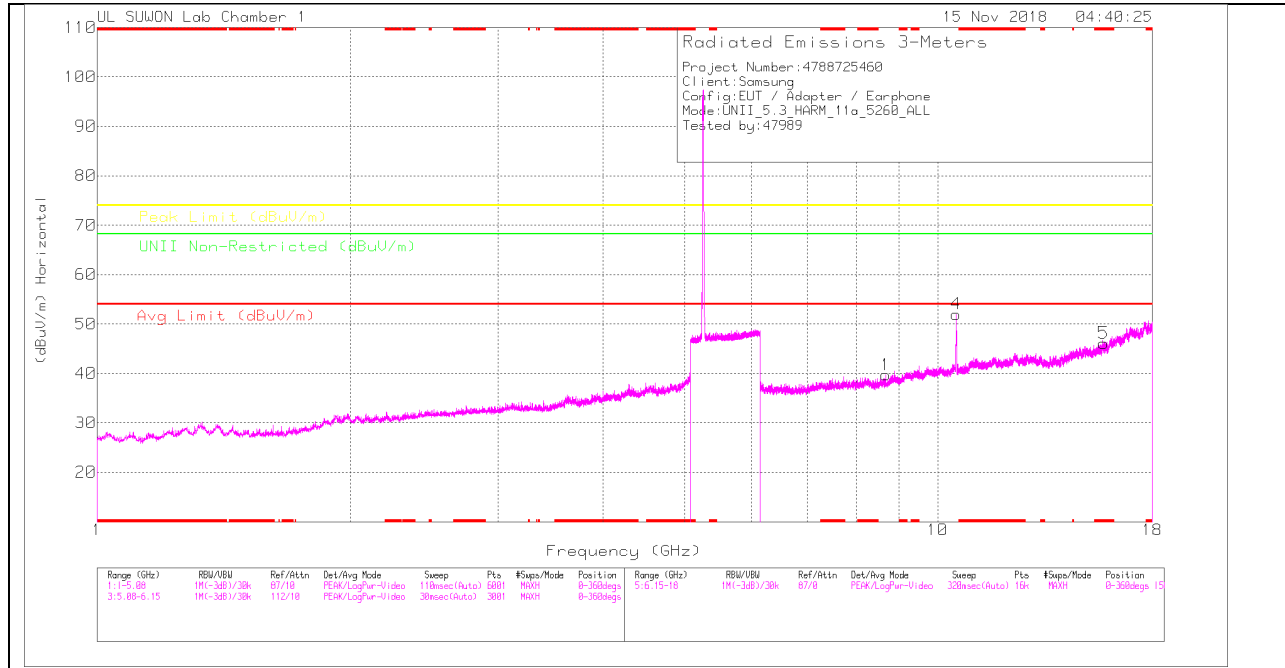
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

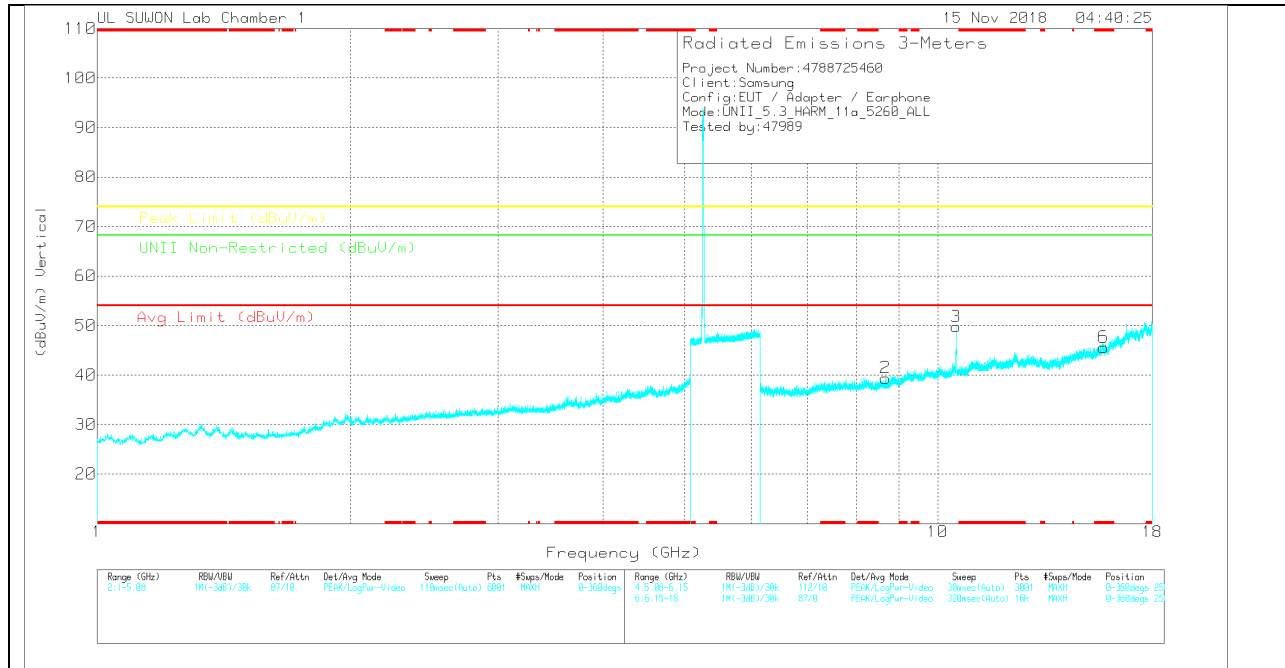
RMS - RMS detection

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_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.676	28.71	PK	36.4	-25.4	0	39.71	-	-	-	-	68.2	-28.49	0-360	150	H
4	10.519	36.9	PK	37.7	-22.6	0	52	-	-	-	-	68.2	-16.2	0-360	250	H
5	* 15.752	26.72	PK	40.4	-21	0	46.12	-	-	74	-27.88	-	-	0-360	150	H
2	8.666	28.4	PK	36.4	-25.4	0	39.4	-	-	-	-	68.2	-28.8	0-360	150	V
3	10.52	34.68	PK	37.7	-22.6	0	49.78	-	-	-	-	68.2	-18.42	0-360	250	V
6	* 15.749	26.13	PK	40.4	-20.9	0	45.63	-	-	74	-28.37	-	-	0-360	150	V

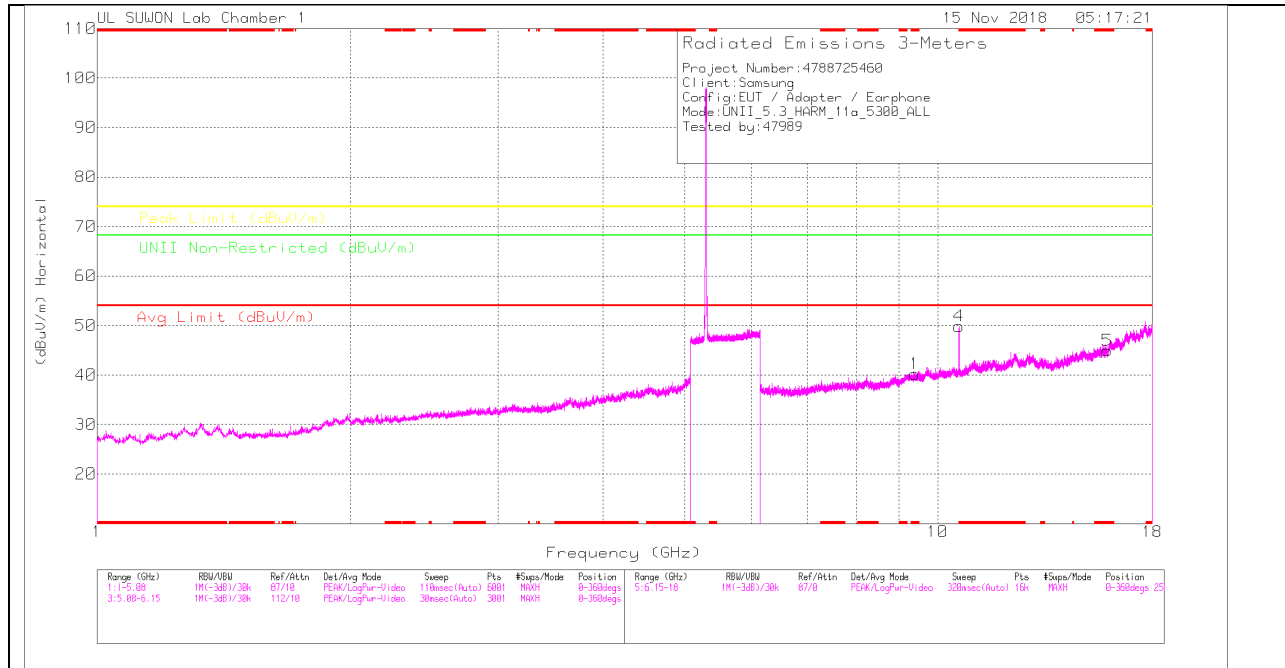
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

Radiated Emissions

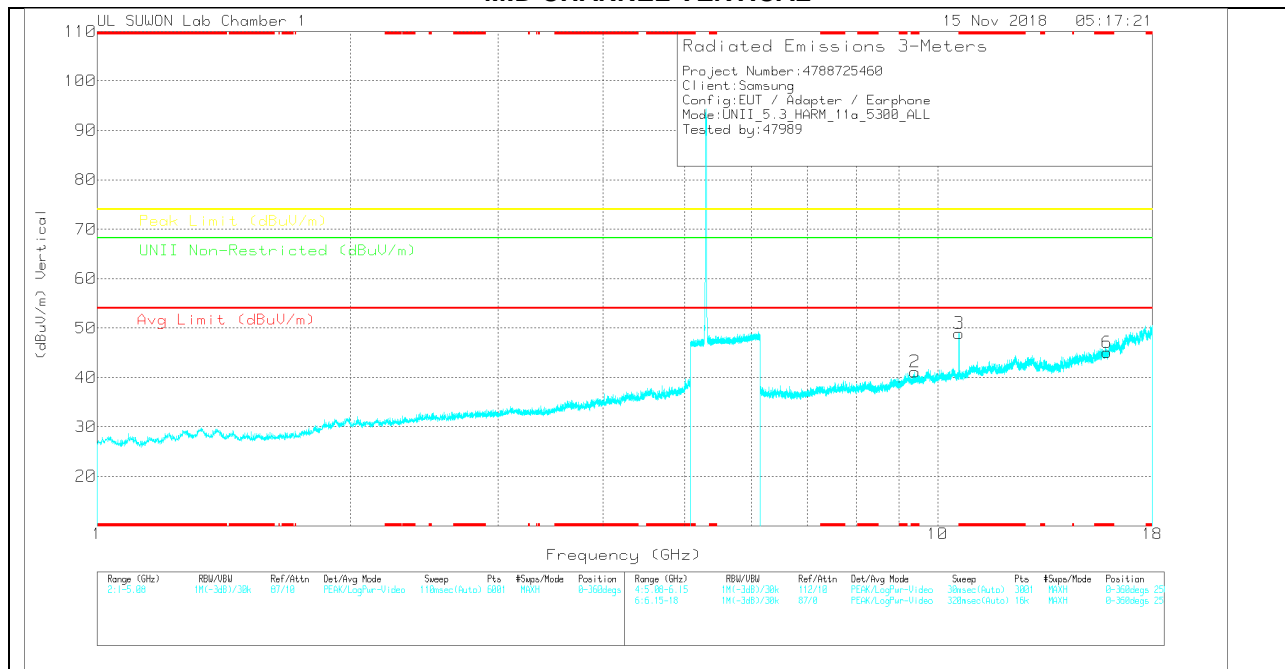
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.519	47.23	PK-U	37.7	-22.6	0	62.33	-	-	-	-	68.2	-5.87	215	100	H
10.519	46.05	PK-U	37.7	-22.6	0	61.15	-	-	-	-	68.2	-7.05	221	256	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_00168717	66Hz_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	* 9.384	27.29	PK	36.8	-23.9	0	40.19	-	-	74	-33.81	-	-	0-360	150	H
4	* 10.601	34.35	PK	37.8	-22.3	0	49.85	-	-	74	-24.15	-	-	0-360	250	H
5	* 15.911	25.42	PK	40.6	-21.1	0	44.92	-	-	74	-29.08	-	-	0-360	250	H
2	* 9.396	28.15	PK	36.8	-23.8	0	41.15	-	-	74	-32.85	-	-	0-360	150	V
3	* 10.601	33.43	PK	37.8	-22.3	0	48.93	-	-	74	-25.07	-	-	0-360	251	V
6	* 15.898	25.68	PK	40.6	-21.2	0	45.08	-	-	74	-28.92	-	-	0-360	251	V

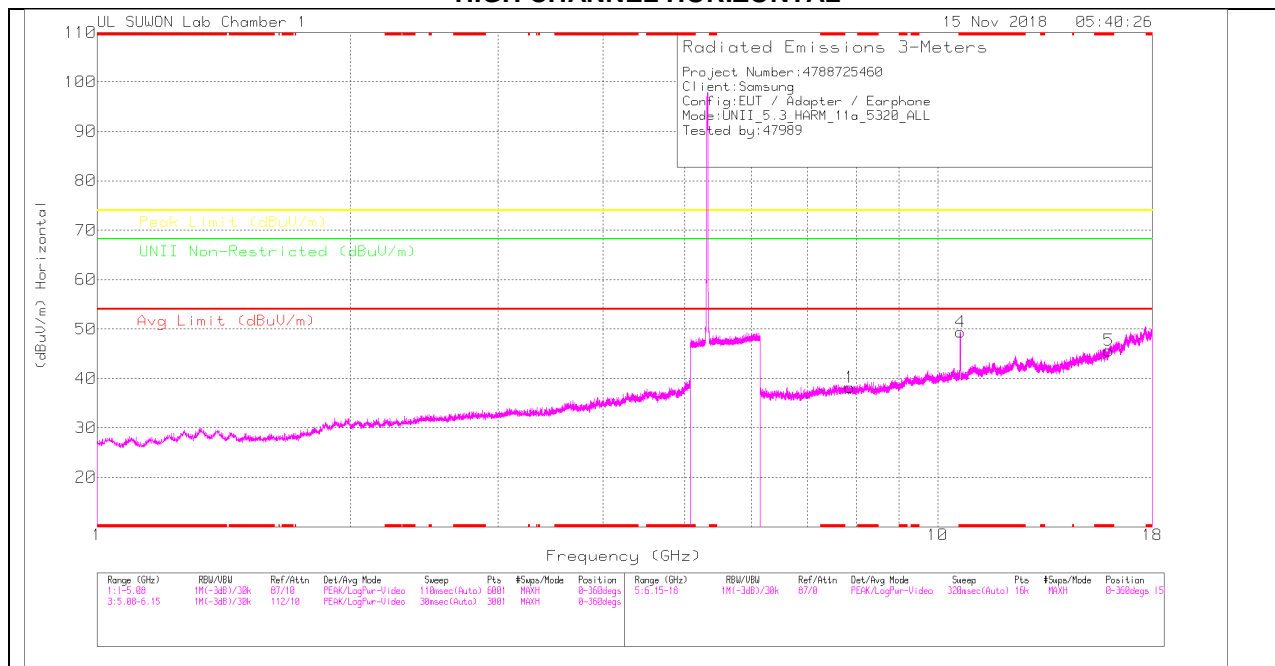
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

Radiated Emissions

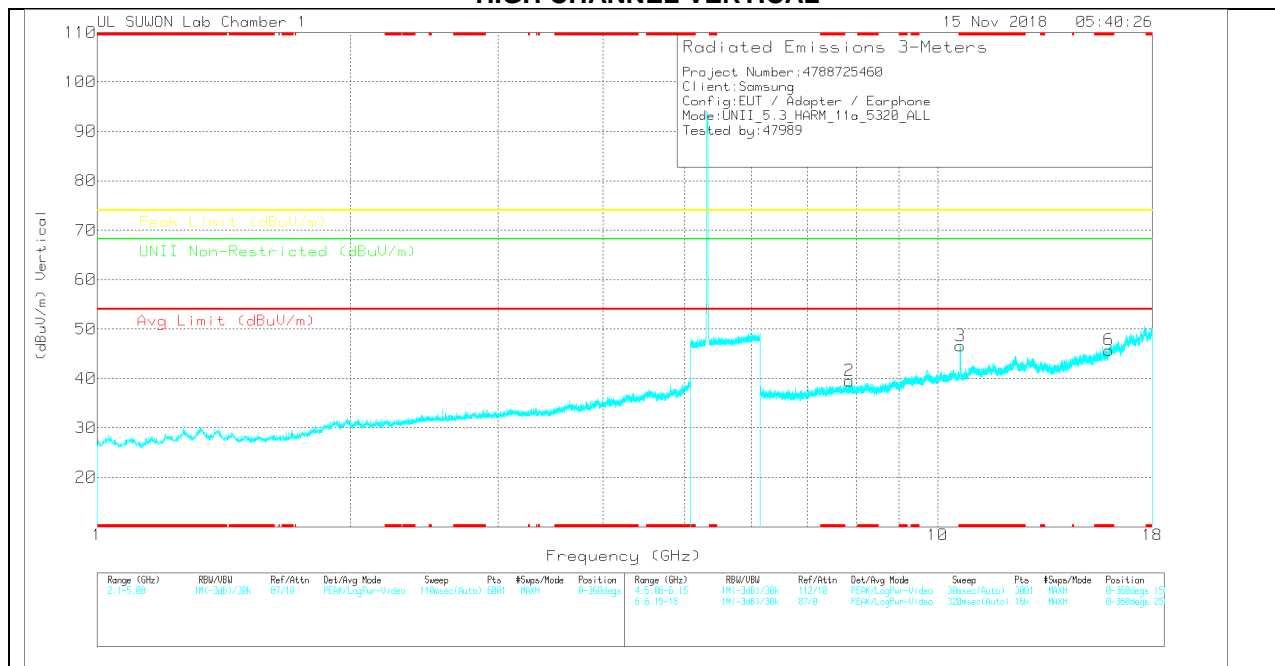
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	66Hz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.606	46.91	PK-U	37.8	-22.3	0	62.41	-	-	74	-11.59	-	-	218	224	H
* 10.6	34.82	ADR	37.8	-22.3	0	50.32	54	-3.68	-	-	-	-	218	224	H
* 10.604	43.06	PK-U	37.8	-22.3	0	58.56	-	-	74	-15.44	-	-	201	258	V
* 10.603	30.7	ADR	37.8	-22.3	0	46.2	54	-7.8	-	-	-	-	201	258	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_00168717	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	7.866	28.99	PK	35.9	-26.7	0	38.19	-	-	-	-	68.2	-30.01	0-360	150	H
4	* 10.64	33.66	PK	37.8	-22.1	0	49.36	-	-	74	-24.64	-	-	0-360	250	H
5	* 15.975	25.55	PK	40.7	-20.6	0	45.65	-	-	74	-28.35	-	-	0-360	250	H
2	7.85	30.34	PK	35.9	-26.7	0	39.54	-	-	-	-	68.2	-28.66	0-360	250	V
3	* 10.639	30.91	PK	37.8	-22.1	0	46.61	-	-	74	-27.39	-	-	0-360	250	V
6	* 15.98	25.57	PK	40.7	-20.5	0	45.77	-	-	74	-28.23	-	-	0-360	250	V

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

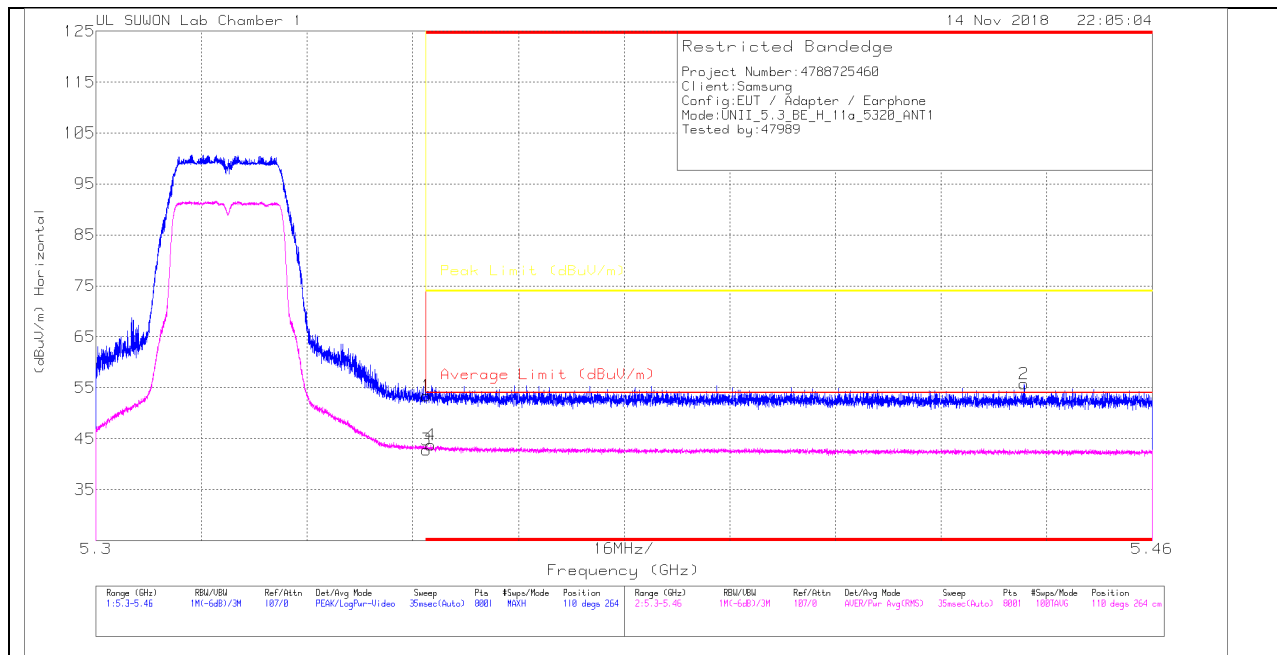
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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
* 10.639	47.56	PK-U	37.8	-22.1	0	63.26	-	-	74	-10.74	-	-	217	227	H
* 10.64	34.71	ADR	37.8	-22.1	0	50.41	54	-3.59	-	-	-	-	217	227	H
* 10.643	42.43	PK-U	37.8	-22.1	0	58.13	-	-	74	-15.87	-	-	193	179	V
* 10.642	30.17	ADR	37.8	-22.1	0	45.87	54	-8.13	-	-	-	-	193	179	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 1 GHz 802.11a 1Tx ANT1 IN THE 5.3 GHz BAND
 AUTHORIZED BANDEDGE (HIGH CHANNEL)**

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	* 5.35	40.29	Pk	34.7	-21.6	0	53.39	-	-	74	-20.61	110	264	H
2	* 5.441	42.54	Pk	34.7	-21.5	0	55.74	-	-	74	-18.26	110	264	H
3	* 5.35	29.84	RMS	34.7	-21.7	0	42.84	54	-11.16	-	-	110	264	H
4	* 5.351	30.76	RMS	34.7	-21.7	0	43.76	54	-10.24	-	-	110	264	H

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

Pk - Peak detector

RMS - RMS detection