

### 10.14.3. OUTPUT POWER AND PSD

#### LIMITS

FCC §15.407 (a) (3)

#### TEST PROCEDURE

Measurements perform using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

#### DIRECTIONAL ANTENNA GAIN

For power, the TX chains are uncorrelated and the antenna gain is unequal among the chains. The directional gain is:

##### 5725-5850 MHz

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
-3.50	-8.40	-5.29

For PSD the TX chains are correlated and the antenna gain is unequal among the chains. The directional gain is:

##### 5725-5850 MHz

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
-3.50	-8.40	-2.60

**RESULTS**

<b>ID:</b>	39317	<b>Date:</b>	06/26/17
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**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	Power Limit (dBm)
Low	5745	-5.29	-2.60	30.00	30.00
Mid	5785	-5.29	-2.60	30.00	30.00
High	5825	-5.29	-2.60	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.19	<b>Included in Calculations of Corr'd PSD</b>
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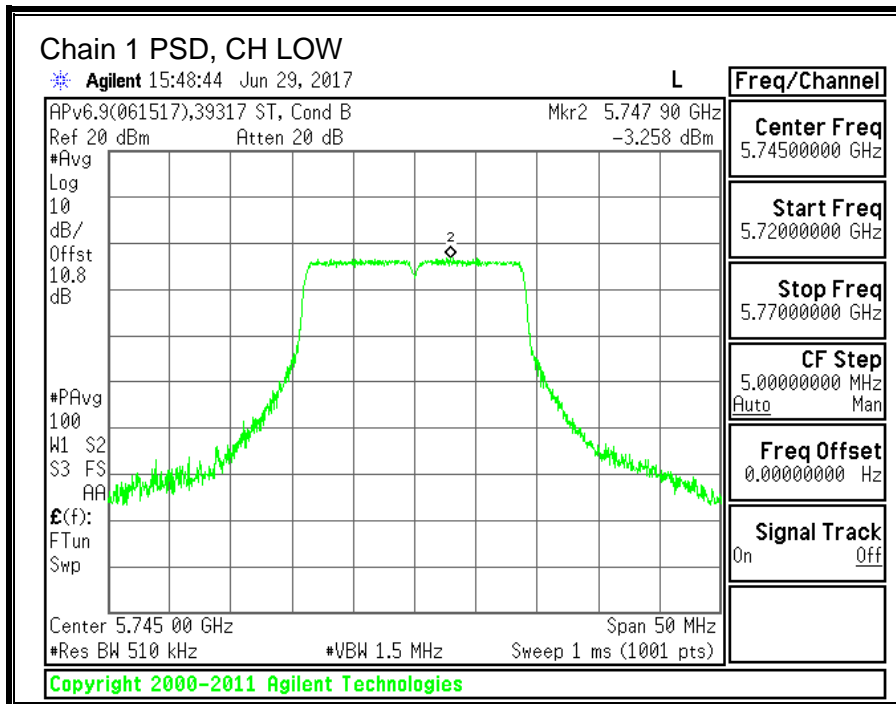
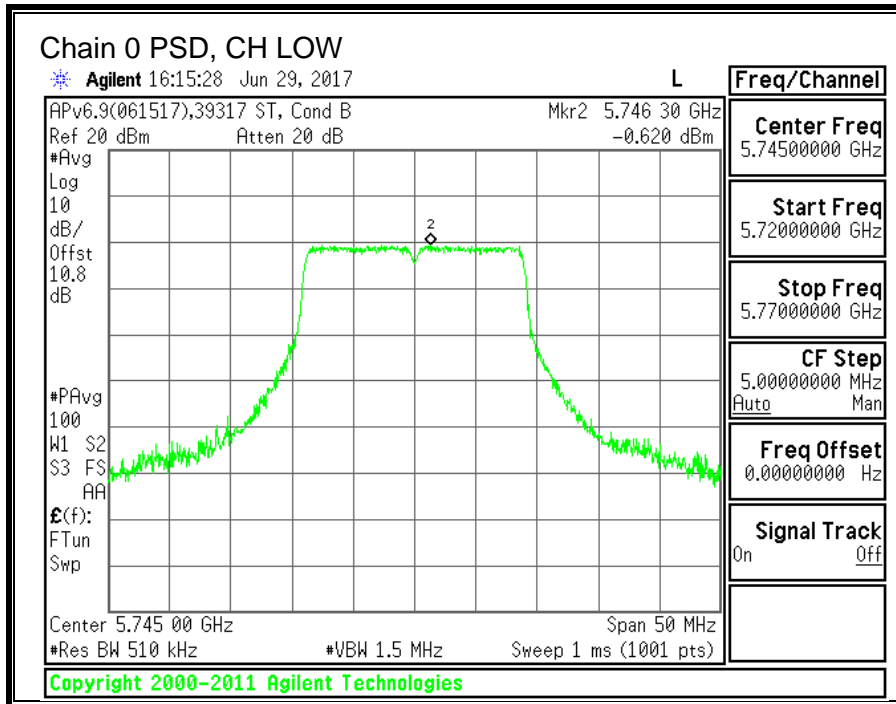
**Output Power Results**

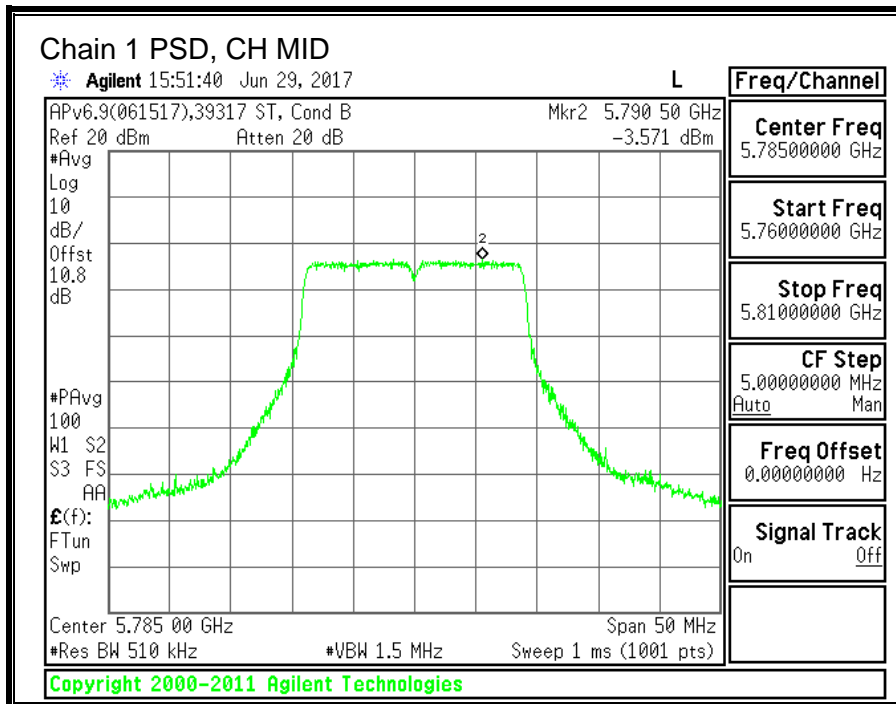
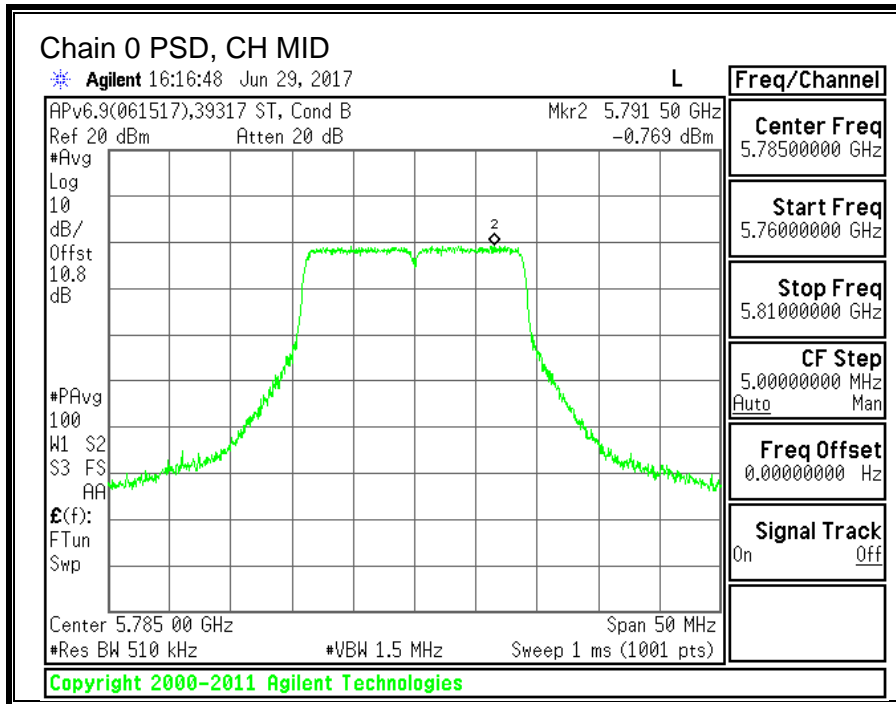
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	12.81	10.79	14.93	30.00	-15.07
Mid	5785	12.98	11.36	15.26	30.00	-14.74
High	5825	13.14	10.93	15.18	30.00	-14.82

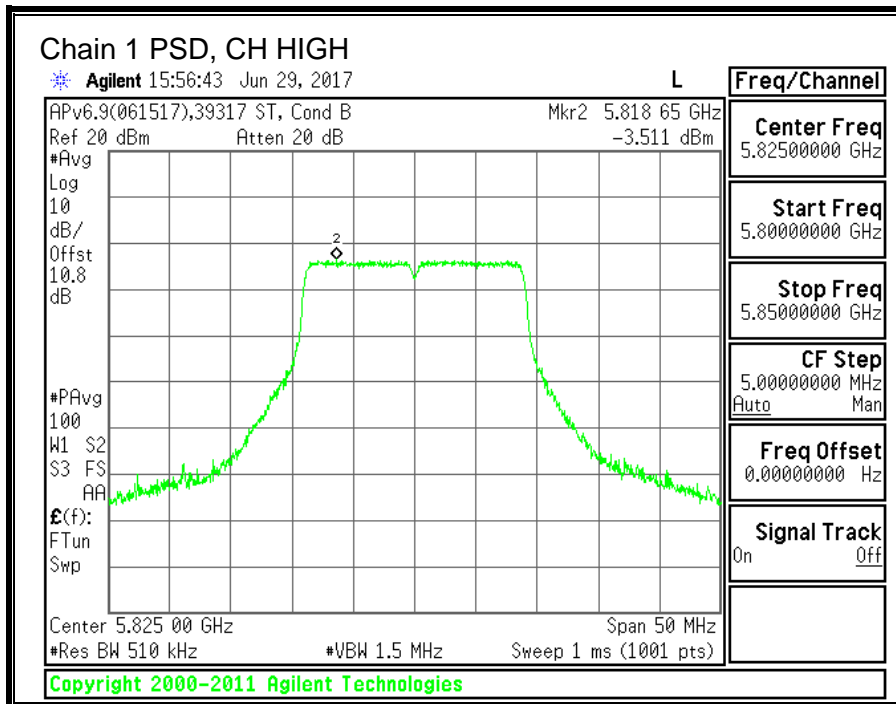
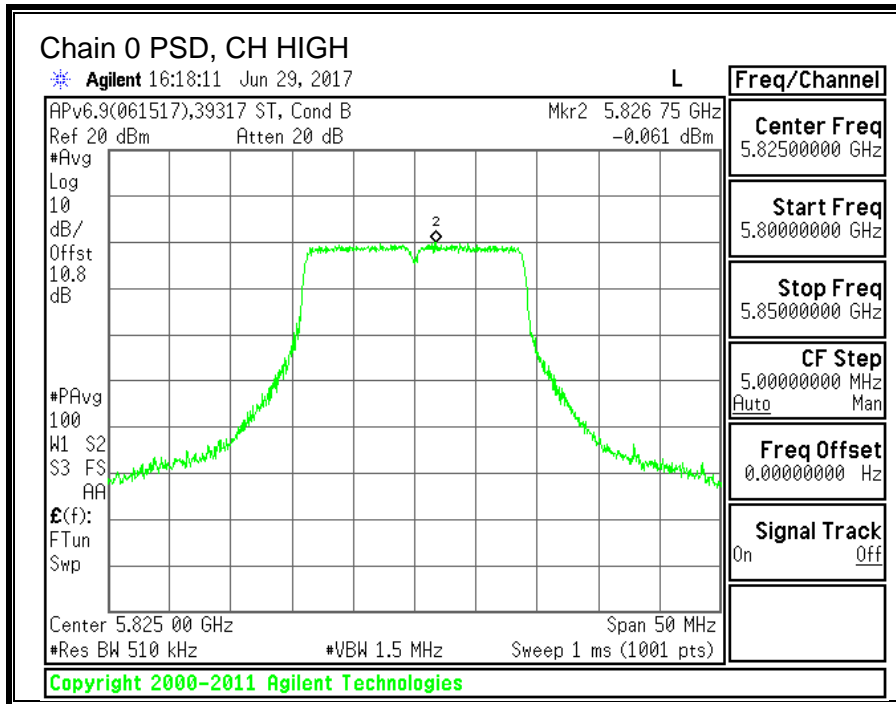
**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	-0.620	-3.258	1.46	30.00	-28.54
Mid	5785	-0.769	-3.571	1.25	30.00	-28.75
High	5825	-0.061	-3.511	1.75	30.00	-28.25

**Note:** the power readings above were measured with gated method, and the measurement was taken only during the ON time. No duty cycle correction was necessary.







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**10.15. 11n HT40 2TX CDD MIMO MODE IN THE 5.8GHz BAND**

**10.15.1.6 dB BANDWIDTH**

**LIMITS**

FCC §15.407 (e)

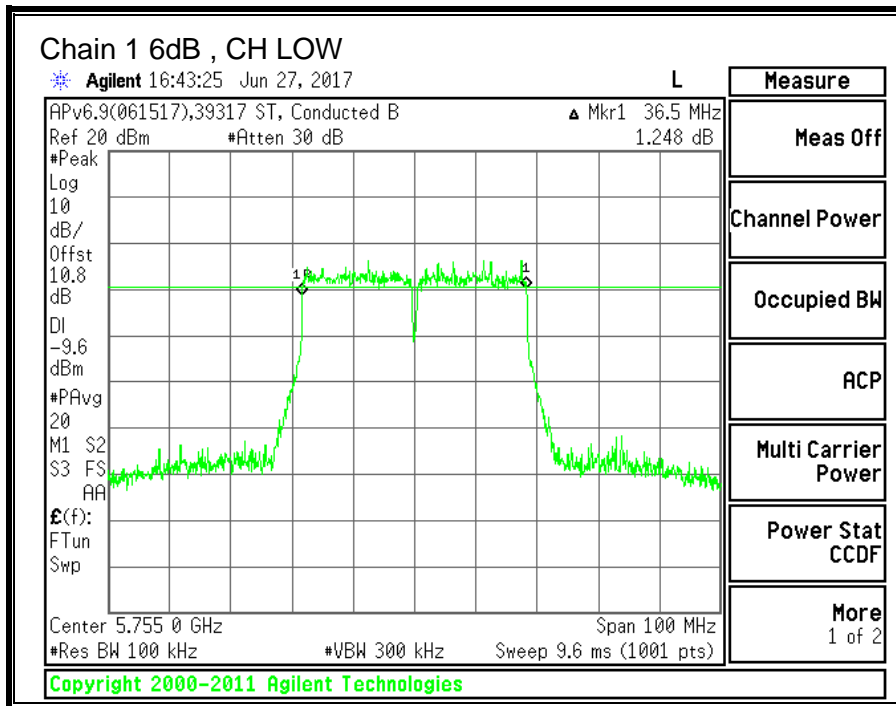
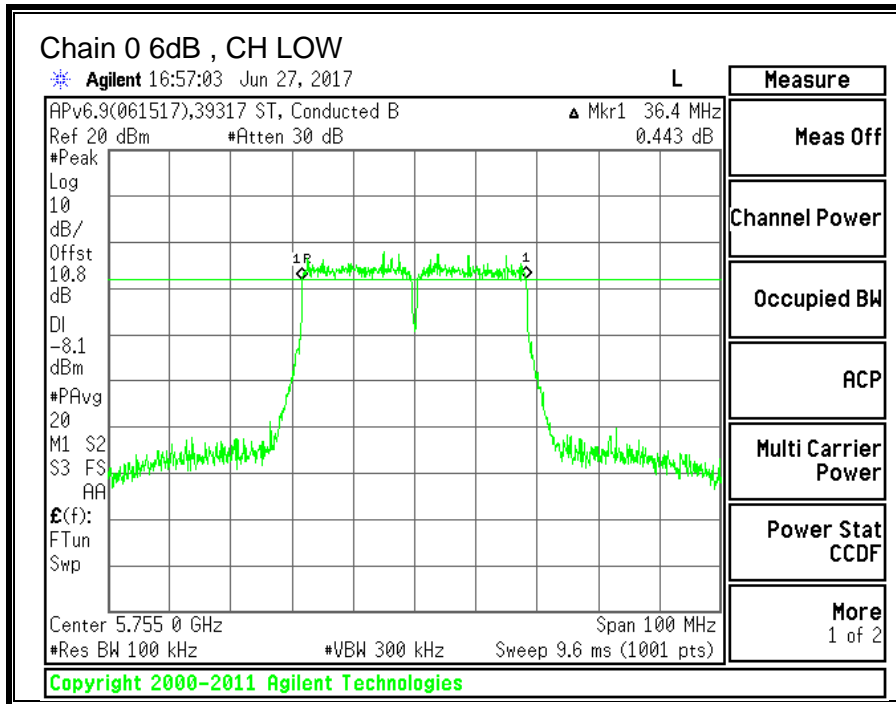
IC RSS-247 (6.2.4) (1)

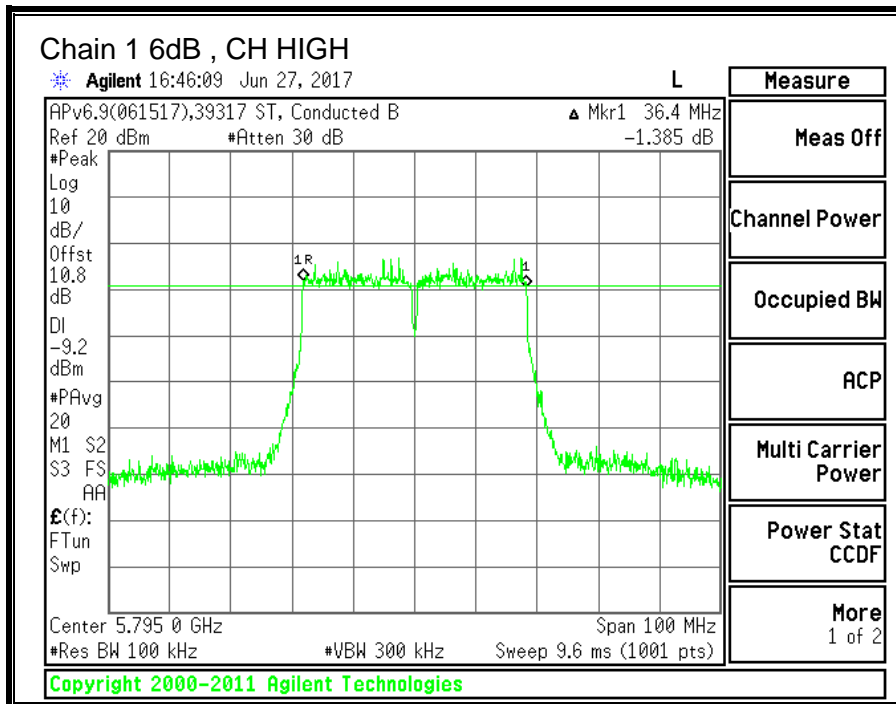
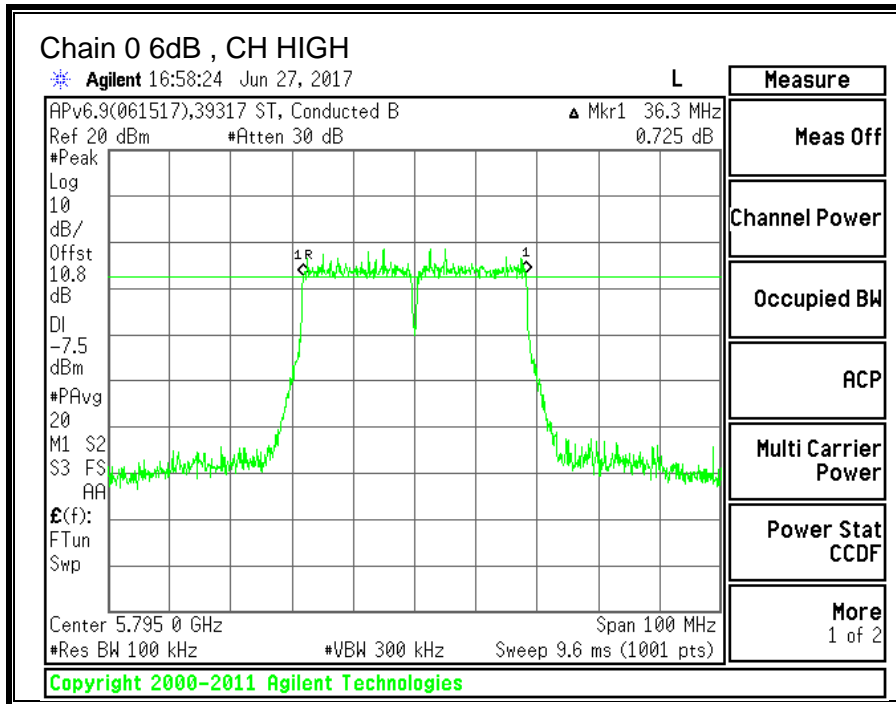
The minimum 6 dB bandwidth shall be at least 500 kHz.

**RESULTS**

Channel	Frequency	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Low	5755	36.4	36.5	0.5
High	5795	36.3	36.4	0.5







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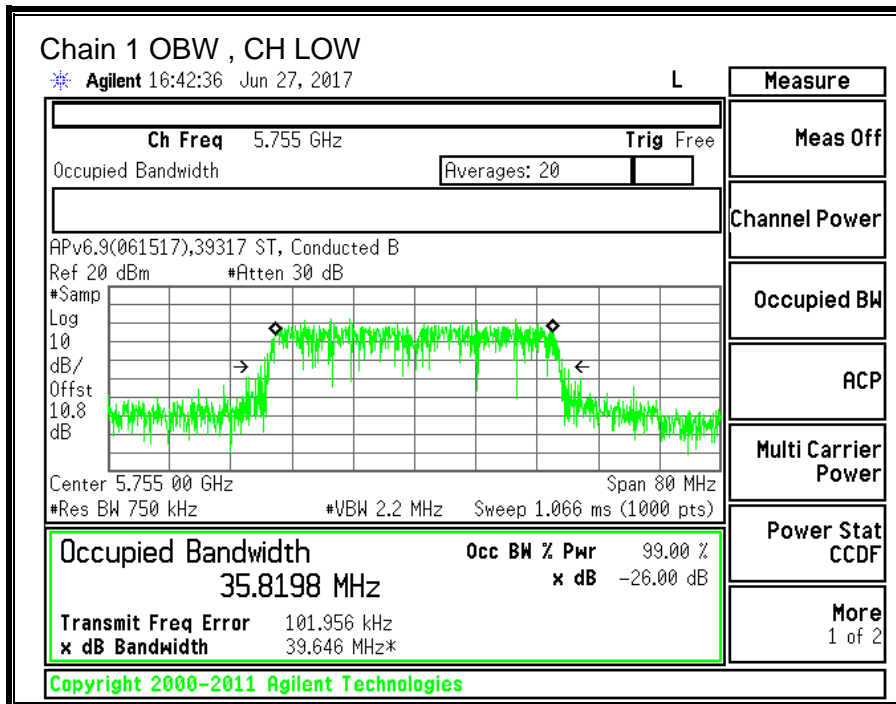
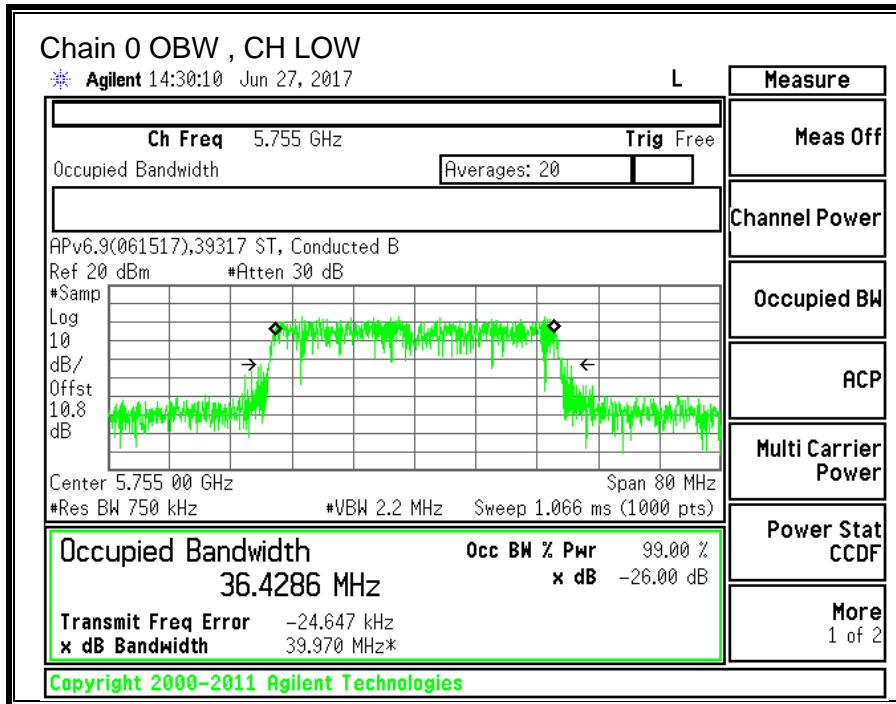
**10.15.2. 99% BANDWIDTH**

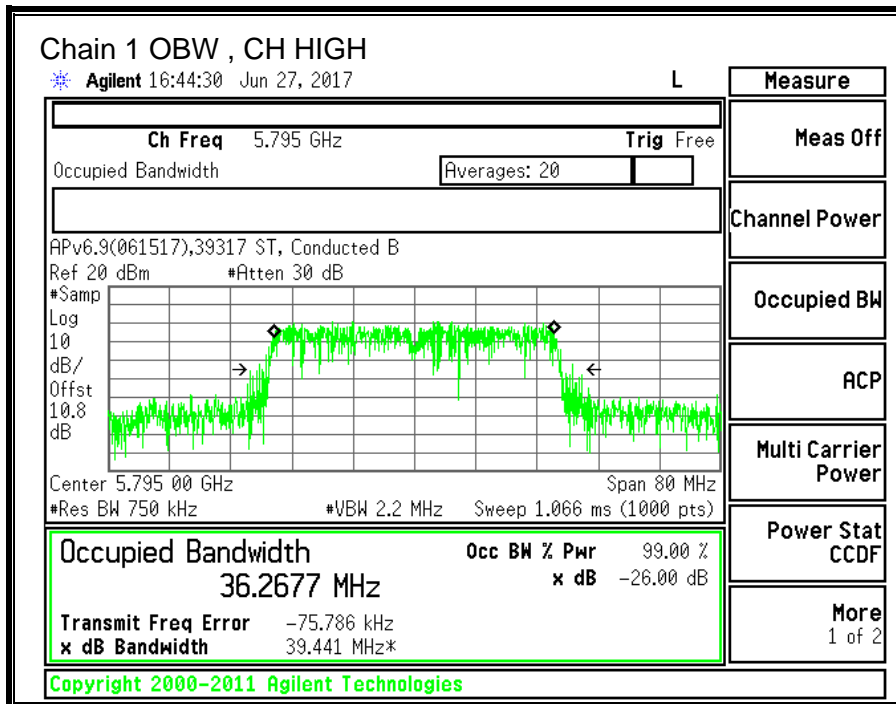
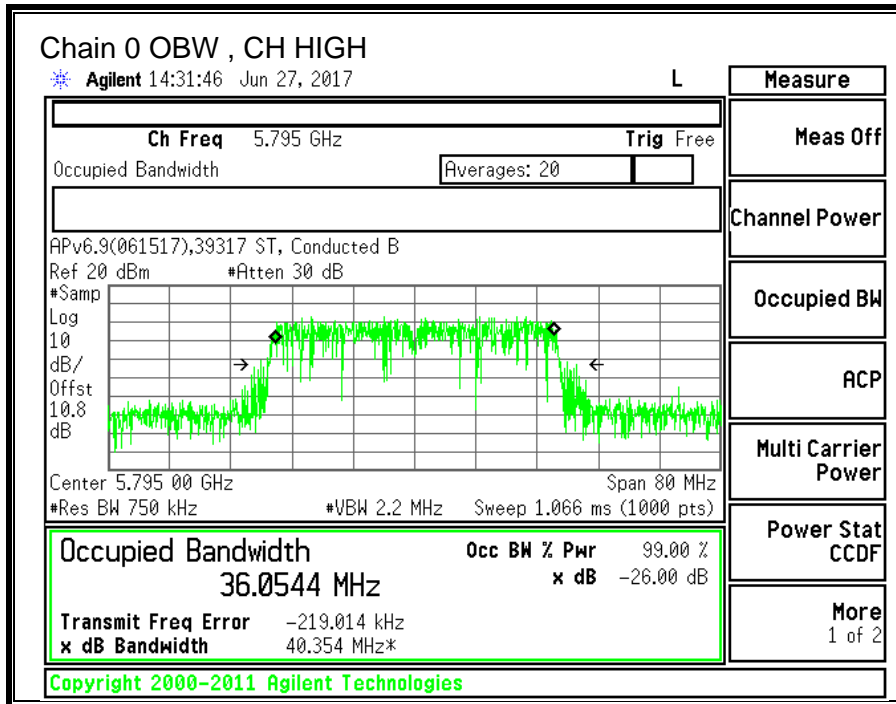
**LIMITS**

None; for reporting purposes only.

**RESULTS**

<b>Channel</b>	<b>Frequency</b>	<b>99% BW Chain 0 (MHz)</b>	<b>99% BW Chain 1 (MHz)</b>
Low	5755	36.429	35.820
High	5795	36.054	36.268





### 10.15.3. OUTPUT POWER AND PSD

#### LIMITS

FCC §15.407 (a) (3)

#### TEST PROCEDURE

Measurements perform using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

#### DIRECTIONAL ANTENNA GAIN

For power, the TX chains are uncorrelated and the antenna gain is unequal among the chains. The directional gain is:

##### 5725-5850 MHz

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
-3.50	-8.40	-5.29

For PSD the TX chains are correlated and the antenna gain is unequal among the chains. The directional gain is:

##### 5725-5850 MHz

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
-3.50	-8.40	-2.60

**RESULTS**

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**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	Power Limit (dBm)
Low	5755	-5.29	-2.60	30.00	30.00
High	5795	-5.29	-2.60	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.34	<b>Included in Calculations of Corr'd PSD</b>
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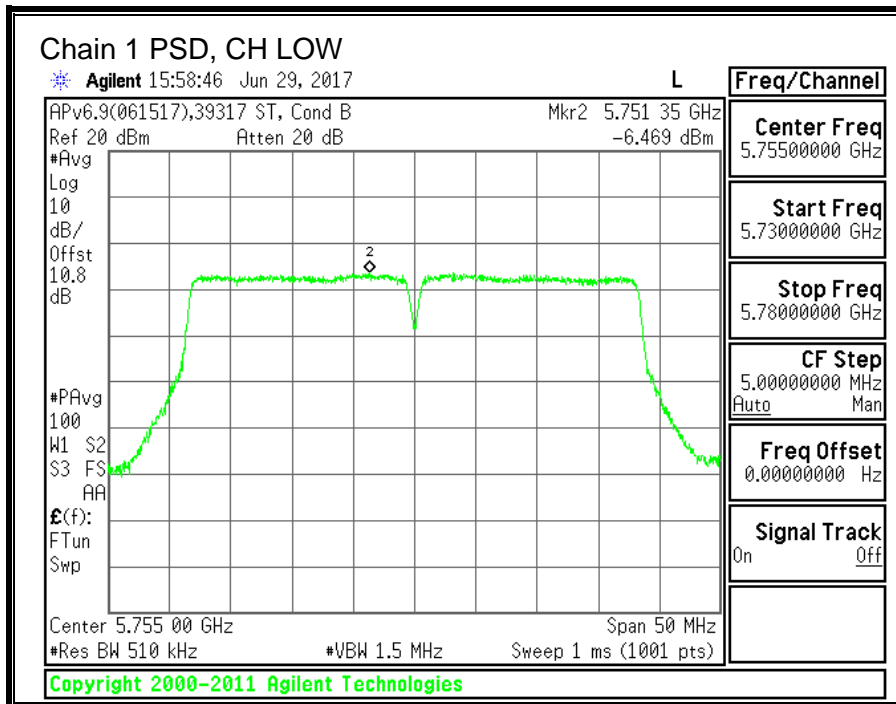
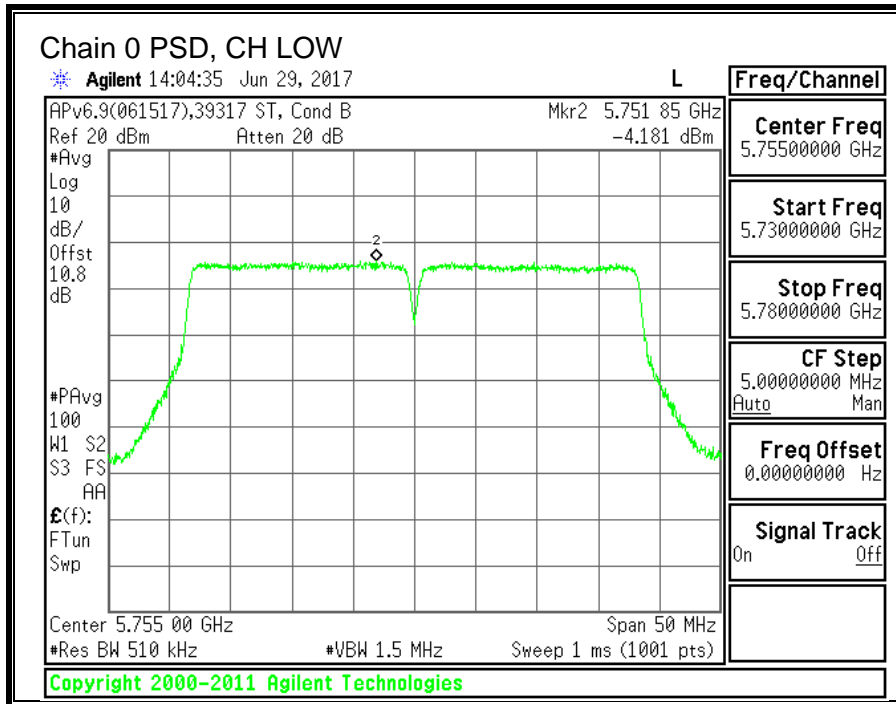
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	12.72	11.31	15.08	30.00	-14.92
High	5795	12.89	11.22	15.15	30.00	-14.85

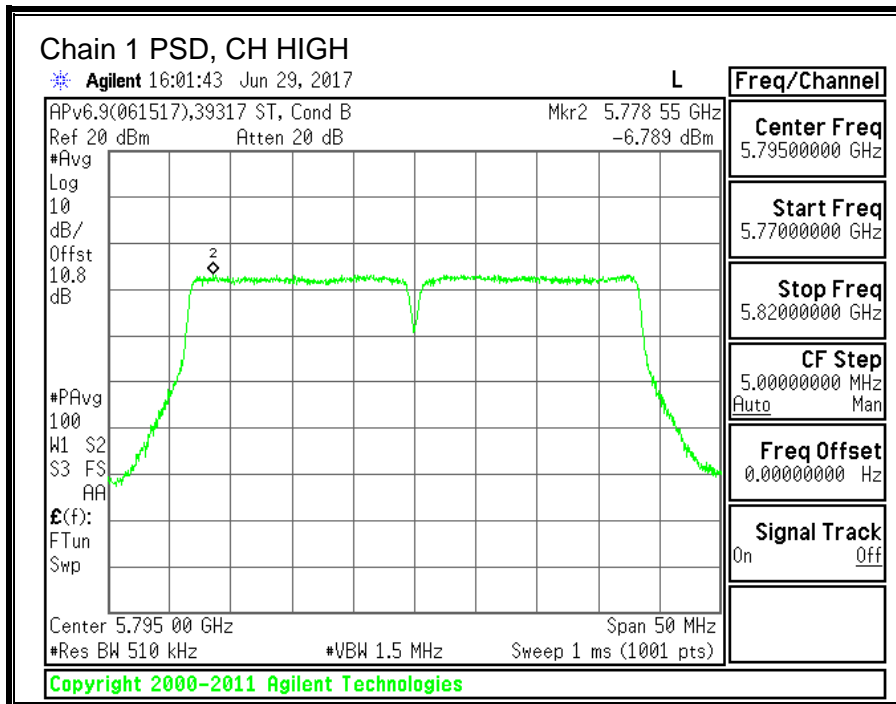
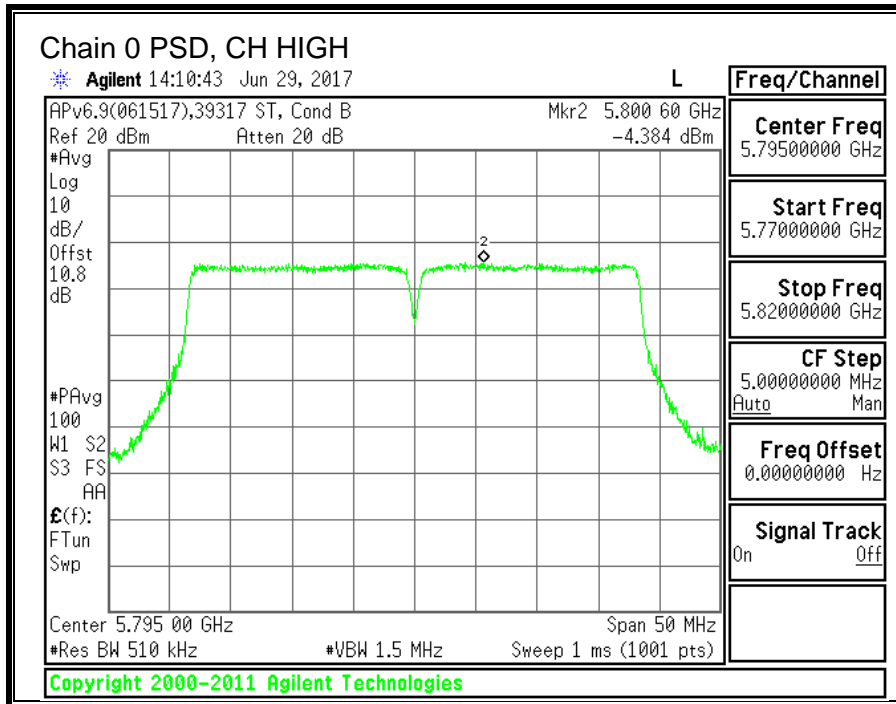
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	-4.181	-6.469	-1.83	30.00	-31.83
High	5795	-4.384	-6.789	-2.07	30.00	-32.07

**Note:** the power readings above were measured with gated method, and the measurement was taken only during the ON time. No duty cycle correction was necessary.







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**10.16. 11ac HT80 2TX CDD MIMO MODE IN THE 5.8GHz BAND**

**10.16.1. 6 dB BANDWIDTH**

**LIMITS**

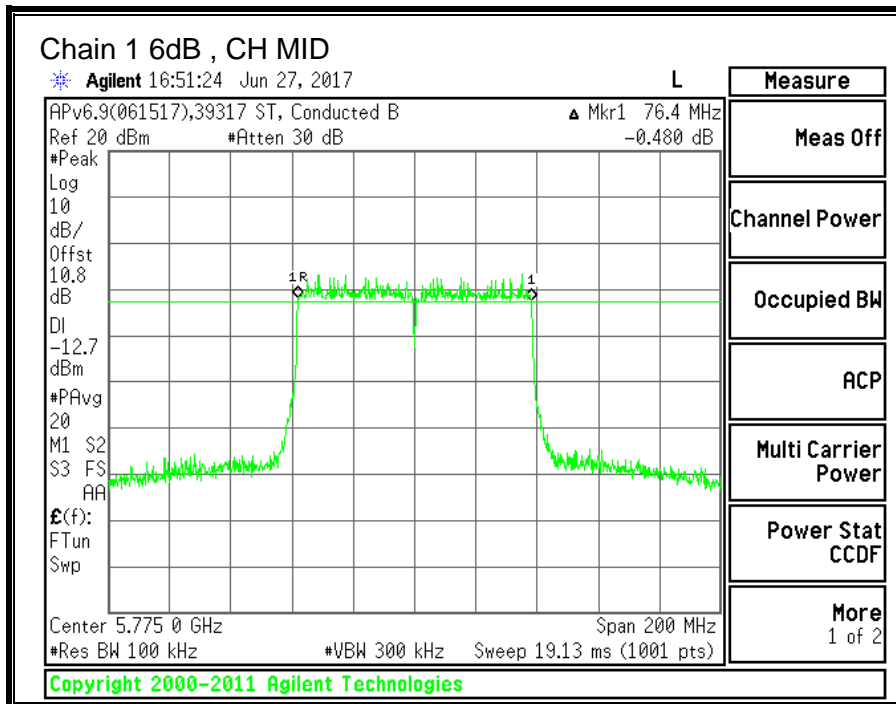
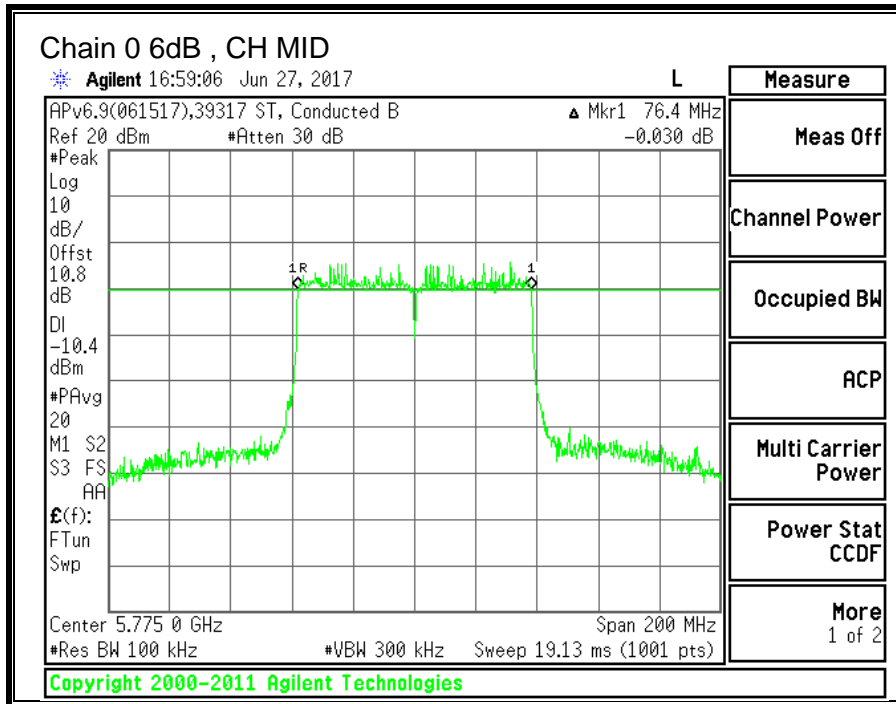
FCC §15.407 (e)

IC RSS-247 (6.2.4) (1)

The minimum 6 dB bandwidth shall be at least 500 kHz.

**RESULTS**

Channel	Frequency	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Mid	5775	76.4	76.4	0.5



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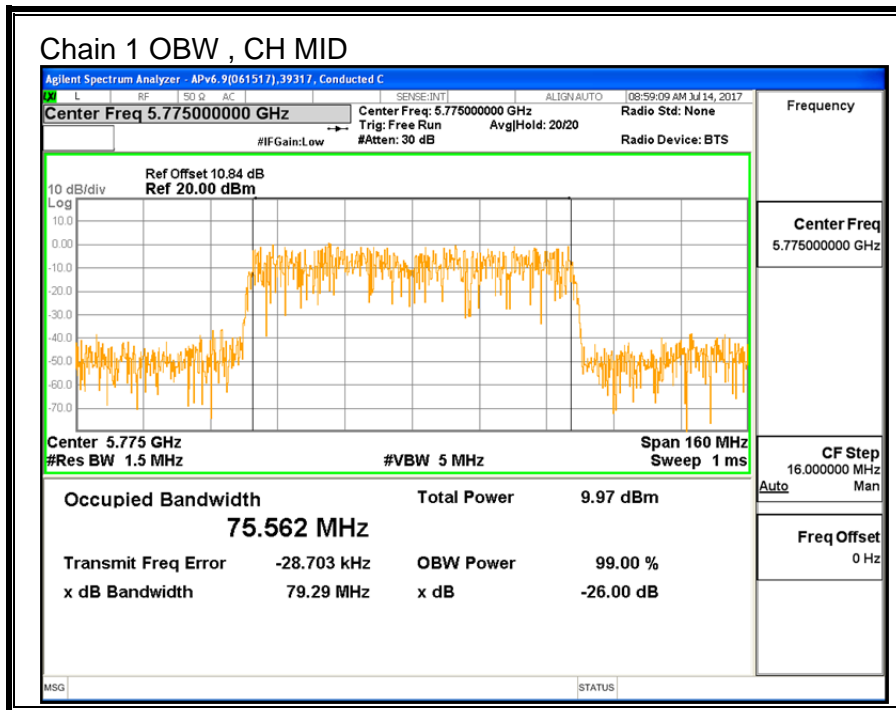
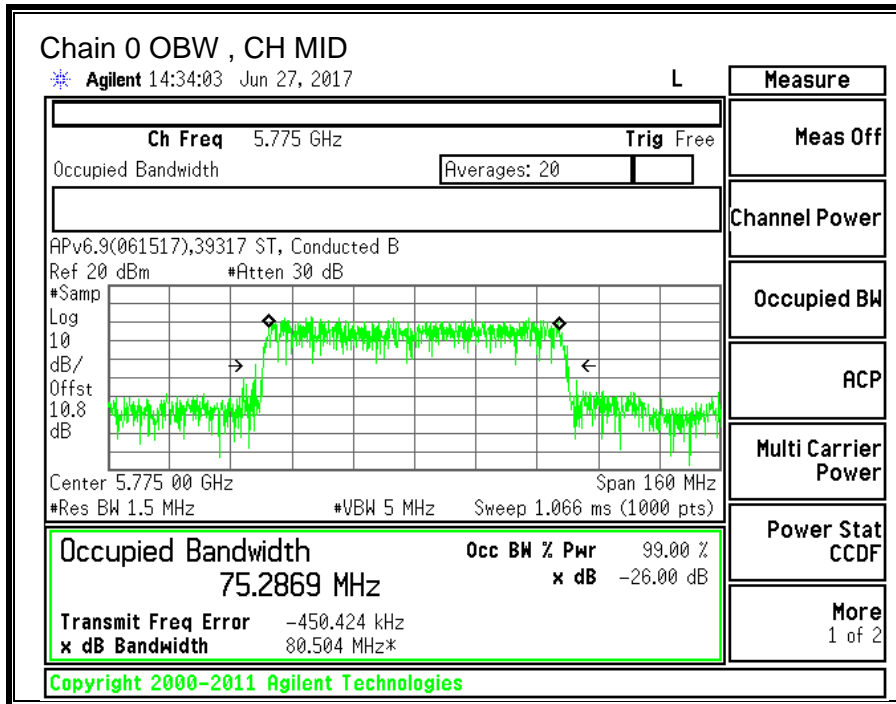
**10.16.2. 99% BANDWIDTH**

**LIMITS**

None; for reporting purposes only.

**RESULTS**

<b>Channel</b>	<b>Frequency</b>	<b>99% BW Chain 0 (MHz)</b>	<b>99% BW Chain 1 (MHz)</b>
Mid	5775	75.287	75.562



### 10.16.3. OUTPUT POWER AND PSD

#### LIMITS

FCC §15.407 (a) (3)

#### TEST PROCEDURE

Measurements perform using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

#### DIRECTIONAL ANTENNA GAIN

For power, the TX chains are uncorrelated and the antenna gain is unequal among the chains. The directional gain is:

##### 5725-5850 MHz

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
-3.50	-8.40	-5.29

For PSD the TX chains are correlated and the antenna gain is unequal among the chains. The directional gain is:

##### 5725-5850 MHz

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
-3.50	-8.40	-2.60

**RESULTS**

<b>ID:</b>	39317	<b>Date:</b>	06/26/17
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**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm)
Mid	5775	-5.29	-2.60	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.66	<b>Included in Calculations of Corr'd PSD</b>
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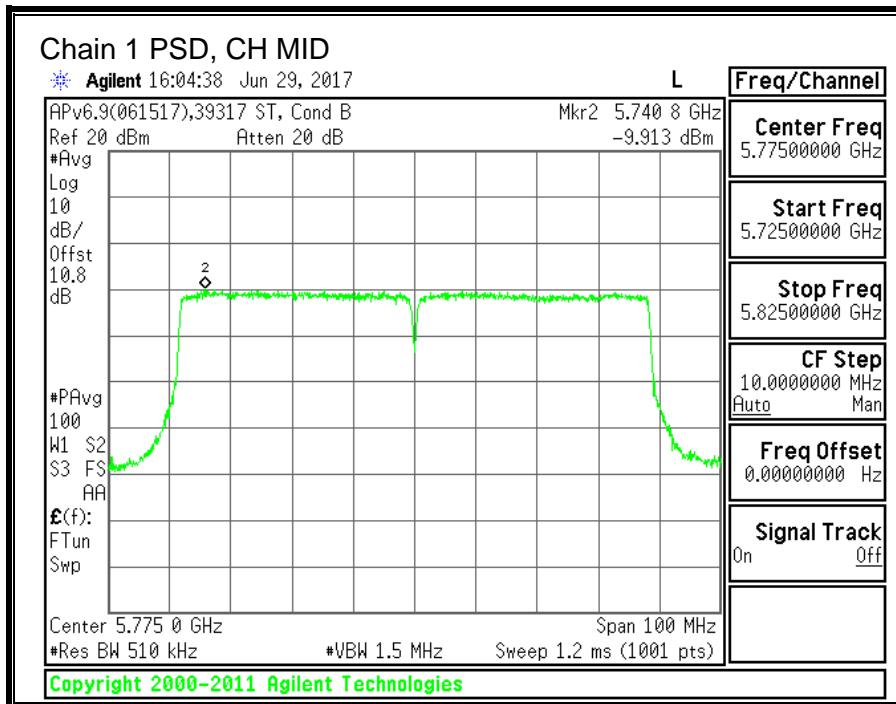
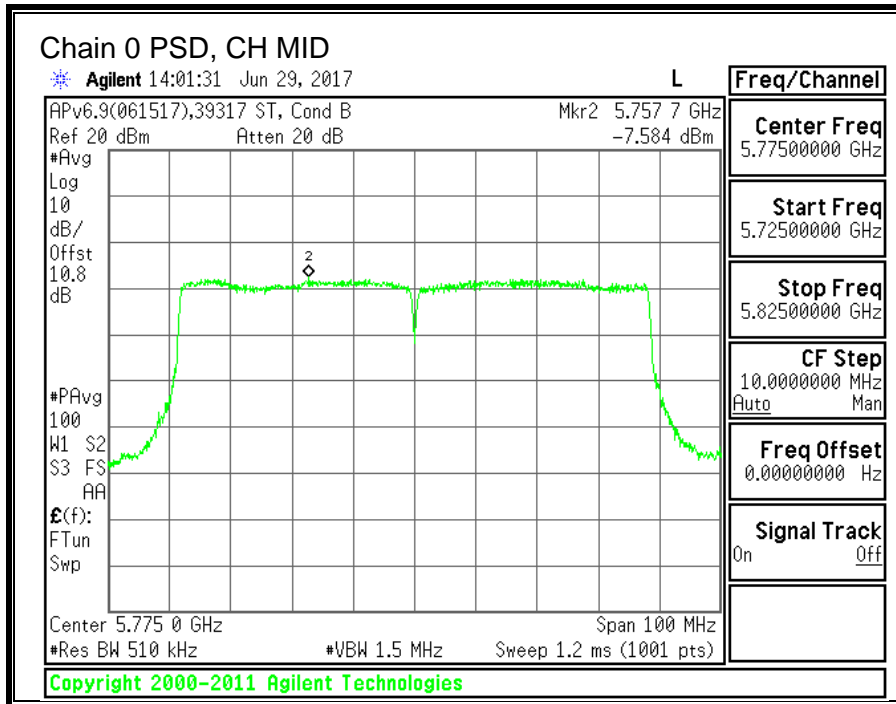
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	12.61	10.81	14.81	30.00	-15.19

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	-7.584	-9.913	-4.92	30.00	-34.92

**Note:** the power readings above were measured with gated method, and the measurement was taken only during the ON time. No duty cycle correction was necessary.





## 11. RADIATED TEST RESULTS

### 11.1. LIMITS AND PROCEDURE

#### LIMITS

FCC §15.205 and §15.209

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

#### TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement 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.

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz for peak measurements.

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 for average measurements.

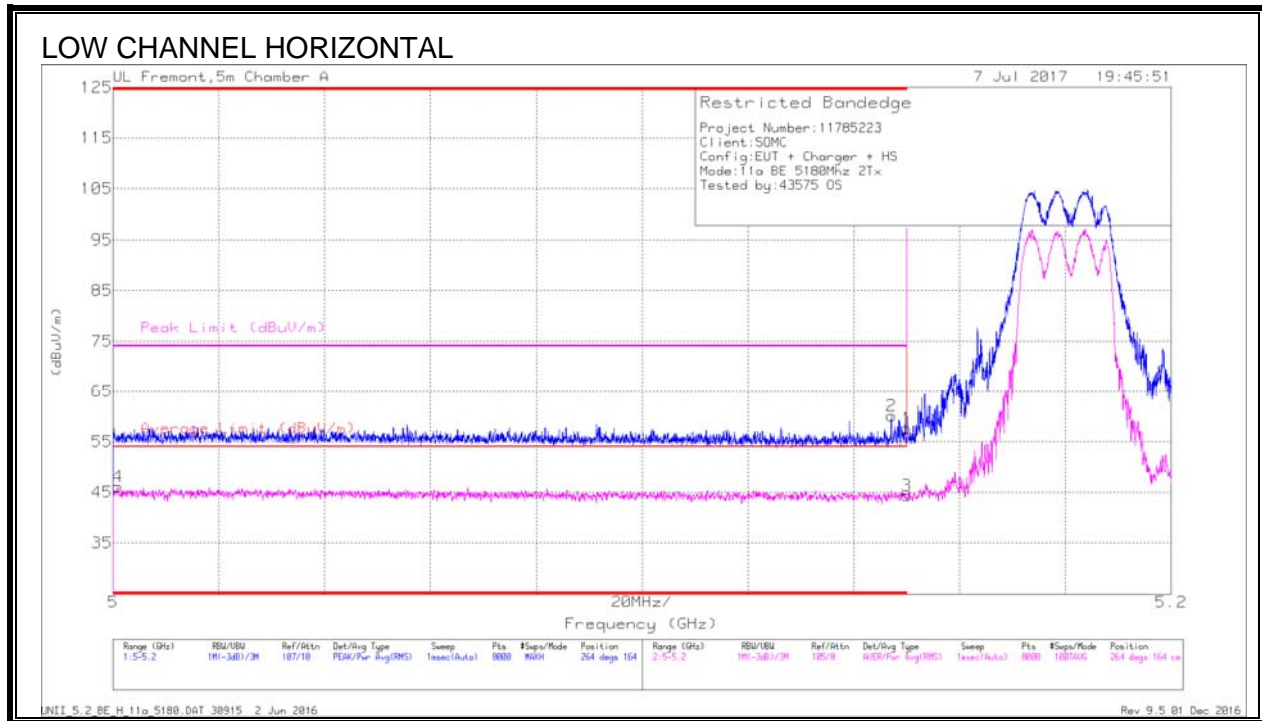
The spectrum from 1 GHz to 18 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band. Below 1GHz and above 18GHz emissions, the channel with the highest output power was tested.

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.

Radiated emission were performed with the EUT set to transmit at the channel with highest output power as worst-case scenario.

### 11.1.1. 11a 2TX CDD MIMO MODE IN THE 5.2GHZ BAND

#### BANDEDGE (LOW CHANNEL)



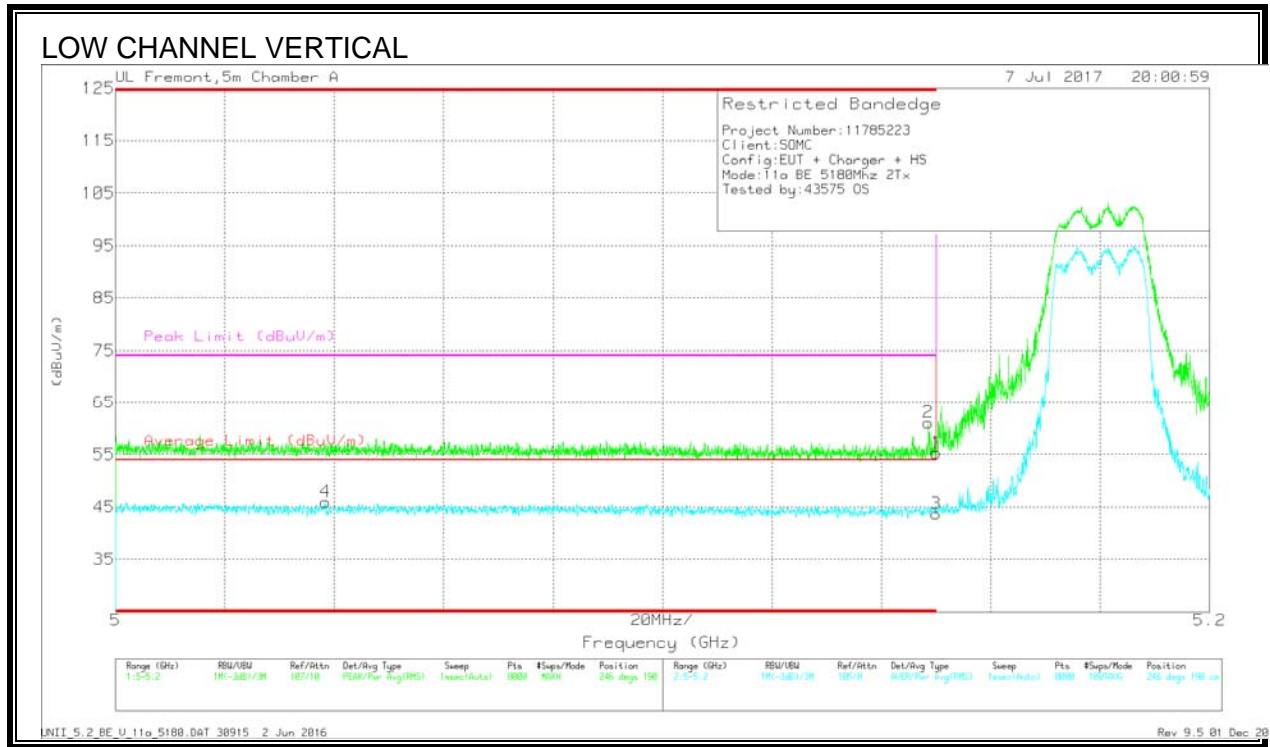
#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT862 (dB/m)	Amp/Cb/Ftr/Pad (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	41.26	Pk	34.4	-18	0	57.66	-	-	74	-16.34	264	164	H
2	* 5.147	43.73	Pk	34.4	-18	0	60.13	-	-	74	-13.87	264	164	H
3	5.15	27.73	RMS	34.4	-18	.24	44.37	54	-9.63	-	-	264	164	H
4	* 5.001	29.18	RMS	34.3	-17.6	.24	46.12	54	-7.88	-	-	264	164	H

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

Pk - Peak detector

RMS - RMS detection



Trace Markers

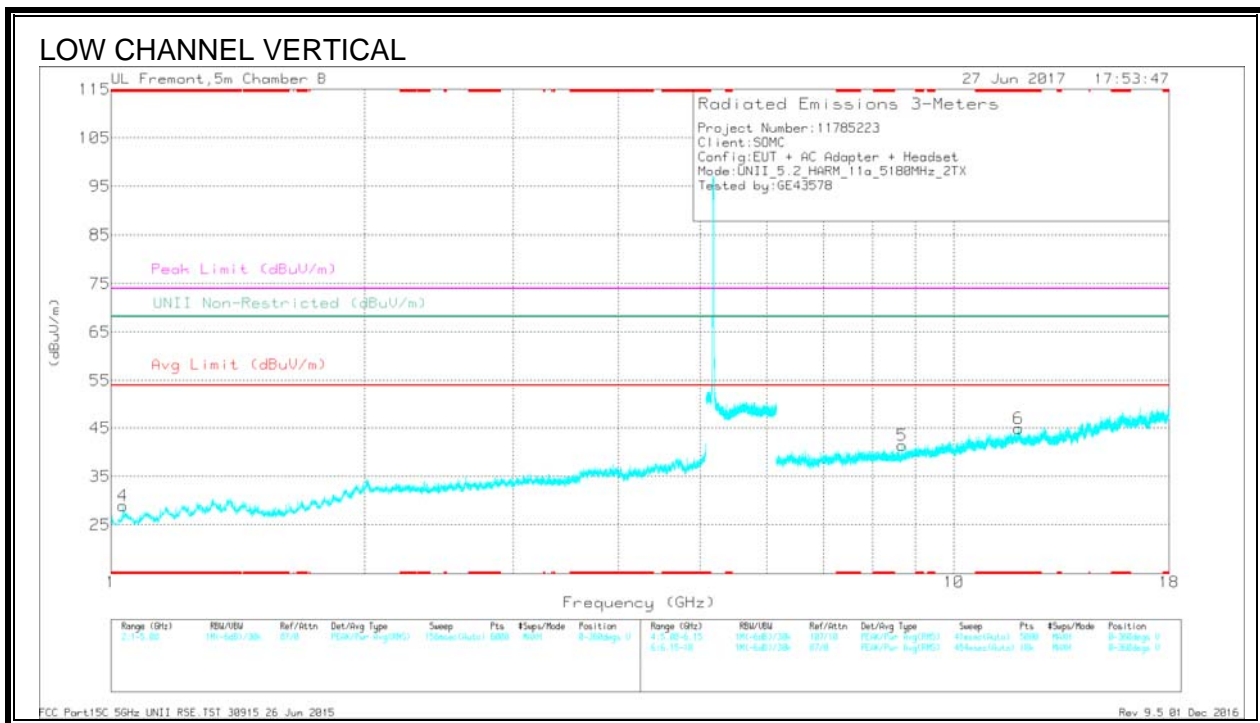
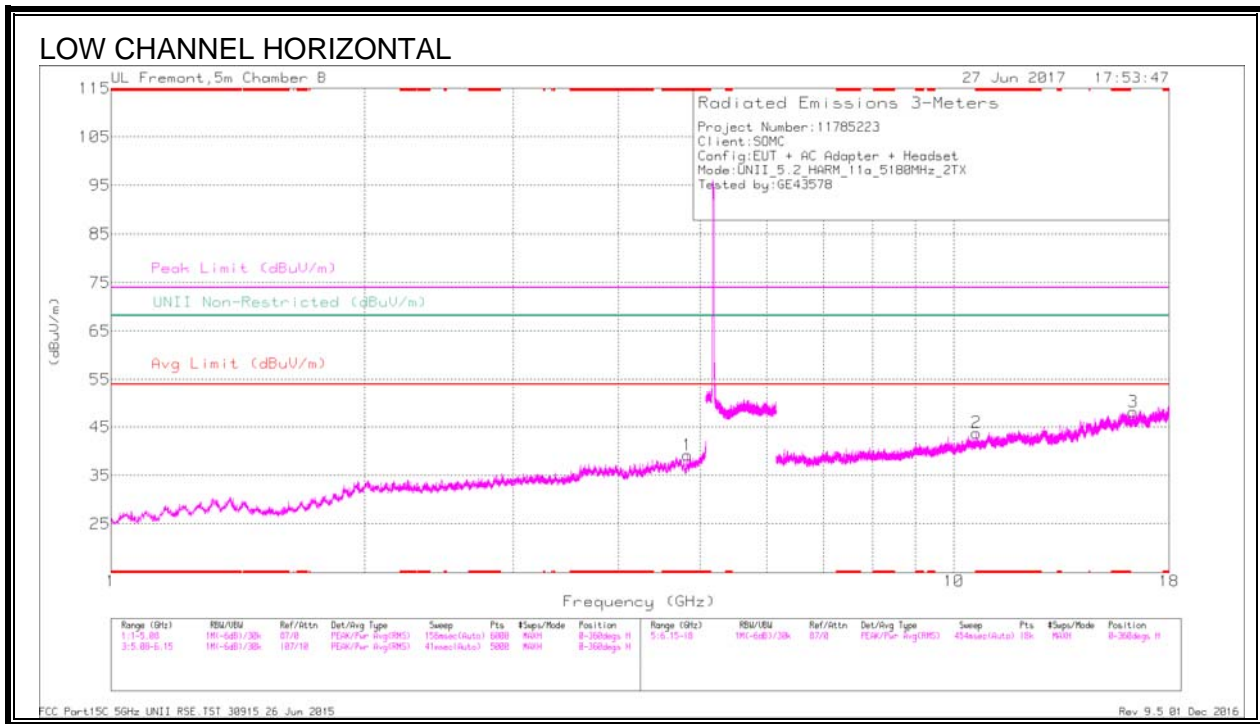
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Chl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 5.038	29.21	RMS	34.3	-17.8	.24	45.95	54	-8.05	-	-	246	190	V
2	* 5.149	44.73	Pk	34.4	-18	0	61.13	-	-	74	-12.87	246	190	V
1	* 5.15	38.81	Pk	34.4	-18	0	55.21	-	-	74	-18.79	246	190	V
3	* 5.15	27.02	RMS	34.4	-18	.24	43.66	54	-10.34	-	-	246	190	V

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

Pk - Peak detector

RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**



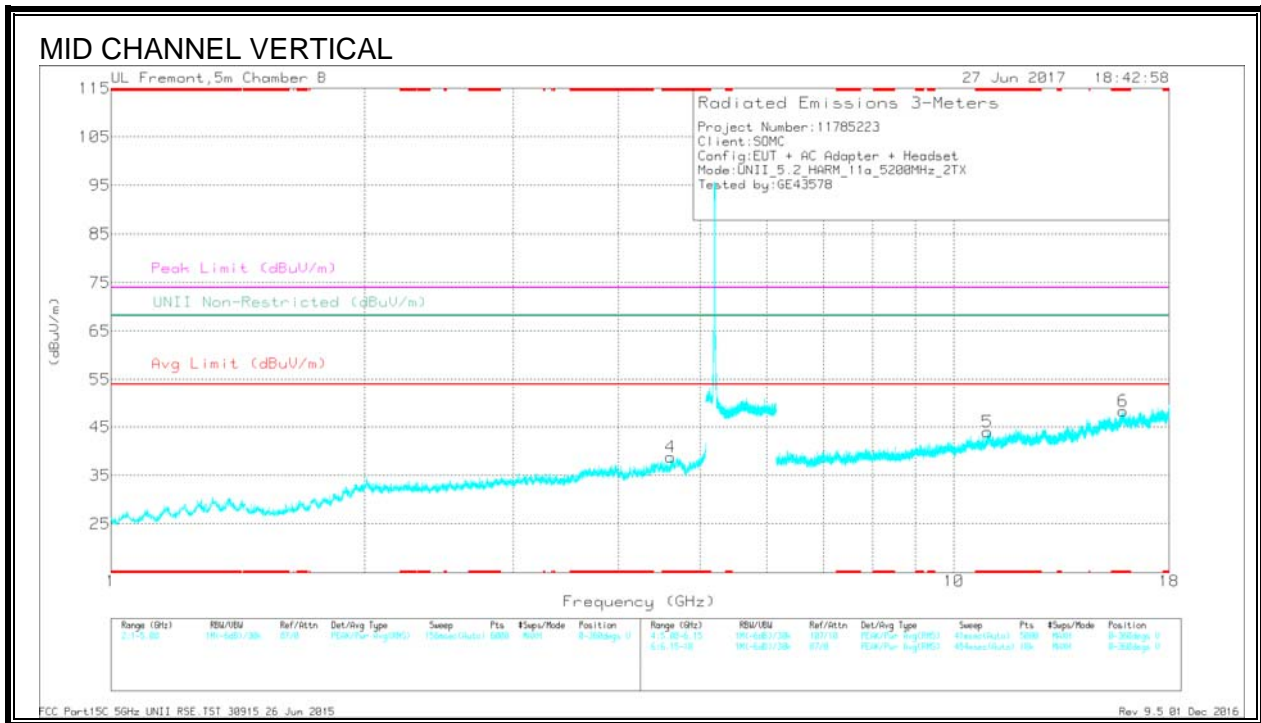
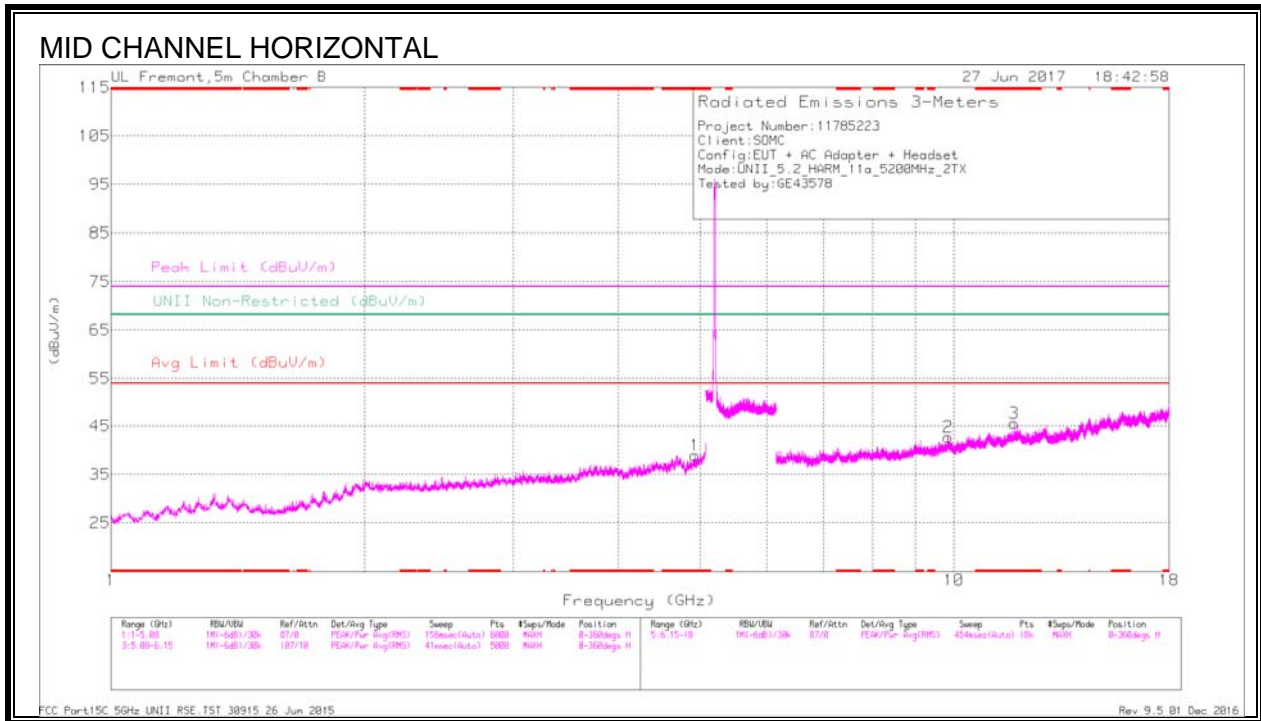
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CM/Plr/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 4.827	39.14	PK-U	34.4	-29.8	0	43.74	-	-	74	-30.26	-	-	317	116	H
* 4.826	26.72	ADR	34.4	-29.9	.24	31.46	54	-22.54	-	-	-	-	317	116	H
* 1.034	42.11	PK-U	26.4	-34.4	0	34.11	-	-	74	-39.89	-	-	68	271	V
* 1.034	29.96	ADR	26.4	-34.4	.24	22.2	54	-31.8	-	-	-	-	68	271	V
* 10.63	34.1	PK-U	38.1	-22.8	0	49.4	-	-	74	-24.6	-	-	87	104	H
* 10.631	21.69	ADR	38.1	-22.8	.24	37.23	54	-16.77	-	-	-	-	87	104	H
* 11.933	32.76	PK-U	39.5	-22.2	0	50.06	-	-	74	-23.94	-	-	196	103	V
* 11.935	21.17	ADR	39.5	-22.1	.24	38.81	54	-15.19	-	-	-	-	196	103	V
8.68	35.12	PK-U	36.6	-25.7	0	46.02	-	-	-	-	68.2	-22.18	205	199	V
16.313	31.79	PK-U	41.5	-20.5	0	52.79	-	-	-	-	68.2	-15.41	55	199	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

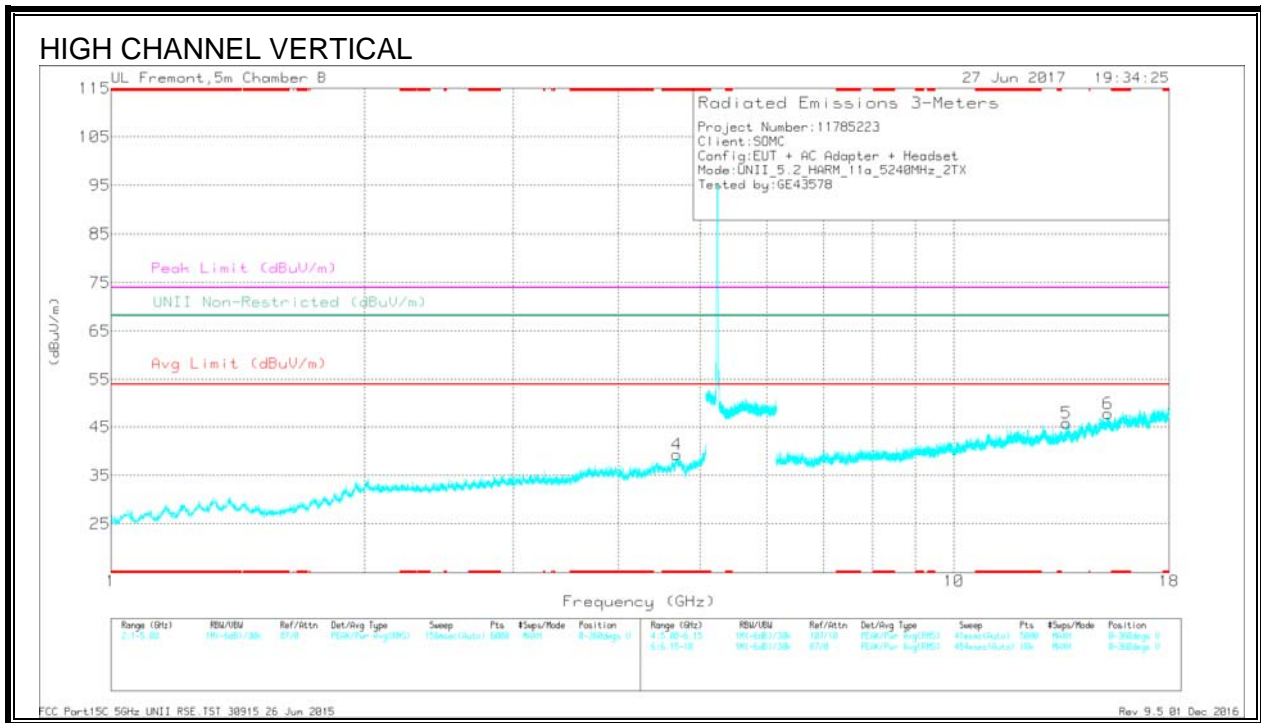
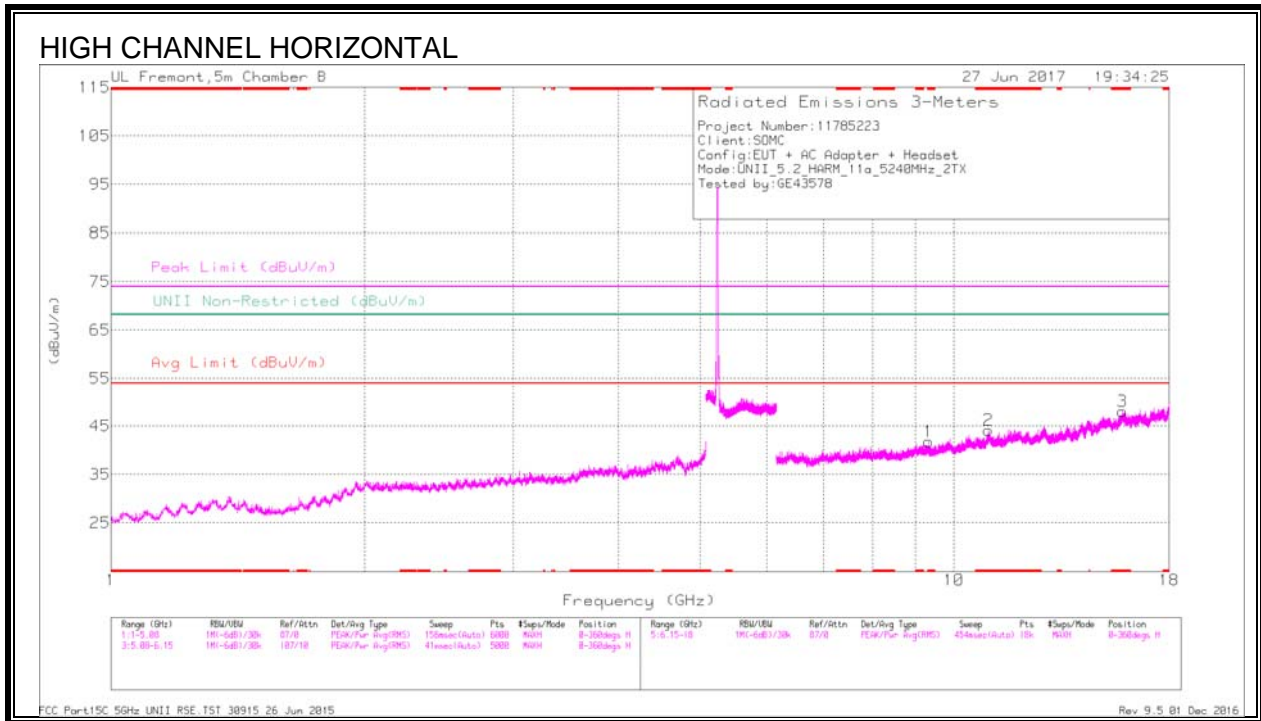


Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CM/Plr/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.932	39.22	PK-U	34.5	-28.9	0	44.82	-	-	74	-29.18	-	-	0	199	H
* 4.932	27.02	ADR	34.5	-28.9	.24	32.86	54	-21.14	-	-	-	-	0	199	H
* 4.614	39.09	PK-U	34.4	-29.1	0	44.39	-	-	74	-29.61	-	-	309	199	V
* 4.615	26.6	ADR	34.4	-29	.24	32.24	54	-21.76	-	-	-	-	309	199	V
* 11.788	33.55	PK-U	39.4	-22	0	50.95	-	-	74	-23.05	-	-	46	104	H
* 11.788	21.11	ADR	39.4	-22.1	.24	38.65	54	-15.35	-	-	-	-	46	104	H
* 10.957	33.33	PK-U	38.4	-22.2	0	49.53	-	-	74	-24.47	-	-	150	104	V
* 10.959	21.56	ADR	38.4	-22.2	.24	38	54	-16	-	-	-	-	150	104	V
* 15.862	32.12	PK-U	41.5	-18.6	0	55.02	-	-	74	-18.98	-	-	224	104	V
* 15.862	19.58	ADR	41.5	-18.6	.24	42.72	54	-11.28	-	-	-	-	224	104	V
9.843	33.75	PK-U	37.6	-23.3	0	48.05	-	-	-	-	68.2	-20.15	218	199	H

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







Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CM/Plr/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 4.693	40.06	PK-U	34.4	-29	0	45.46	-	-	74	-28.54	-	-	44	101	V
* 4.693	28.01	ADR	34.4	-29	24	33.65	54	-20.35	-	-	-	-	44	101	V
* 9.323	34.6	PK-U	37.2	-24.5	0	47.3	-	-	74	-26.7	-	-	130	199	H
* 9.325	22.66	ADR	37.2	-24.6	24	35.5	54	-18.5	-	-	-	-	130	199	H
* 10.992	33.16	PK-U	38.5	-21.9	0	49.76	-	-	74	-24.24	-	-	328	104	H
* 10.992	21.51	ADR	38.5	-21.9	24	38.35	54	-15.65	-	-	-	-	328	104	H
* 15.852	31.93	PK-U	41.6	-18.8	0	54.73	-	-	74	-19.27	-	-	202	104	H
* 15.852	19.9	ADR	41.6	-18.8	24	42.94	54	-11.06	-	-	-	-	202	104	H
13.605	33.26	PK-U	39.6	-22.3	0	50.56	-	-	-	-	68.2	-17.64	360	104	V
15.234	31.79	PK-U	41.4	-20.3	0	52.89	-	-	-	-	68.2	-15.31	241	104	V

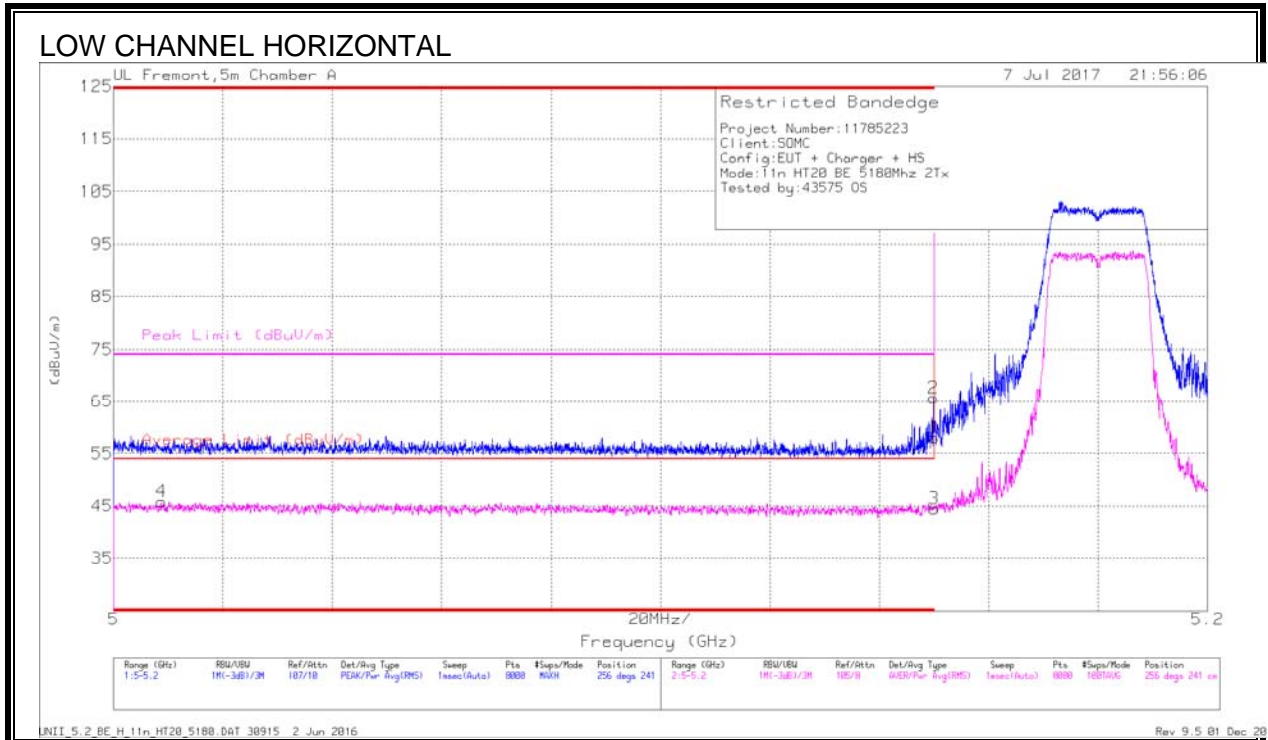
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### 11.1.2. 11n HT20 2TX CDD MIMO MODE IN THE 5.2GHZ BAND

#### BANDEDGE (LOW CHANNEL)



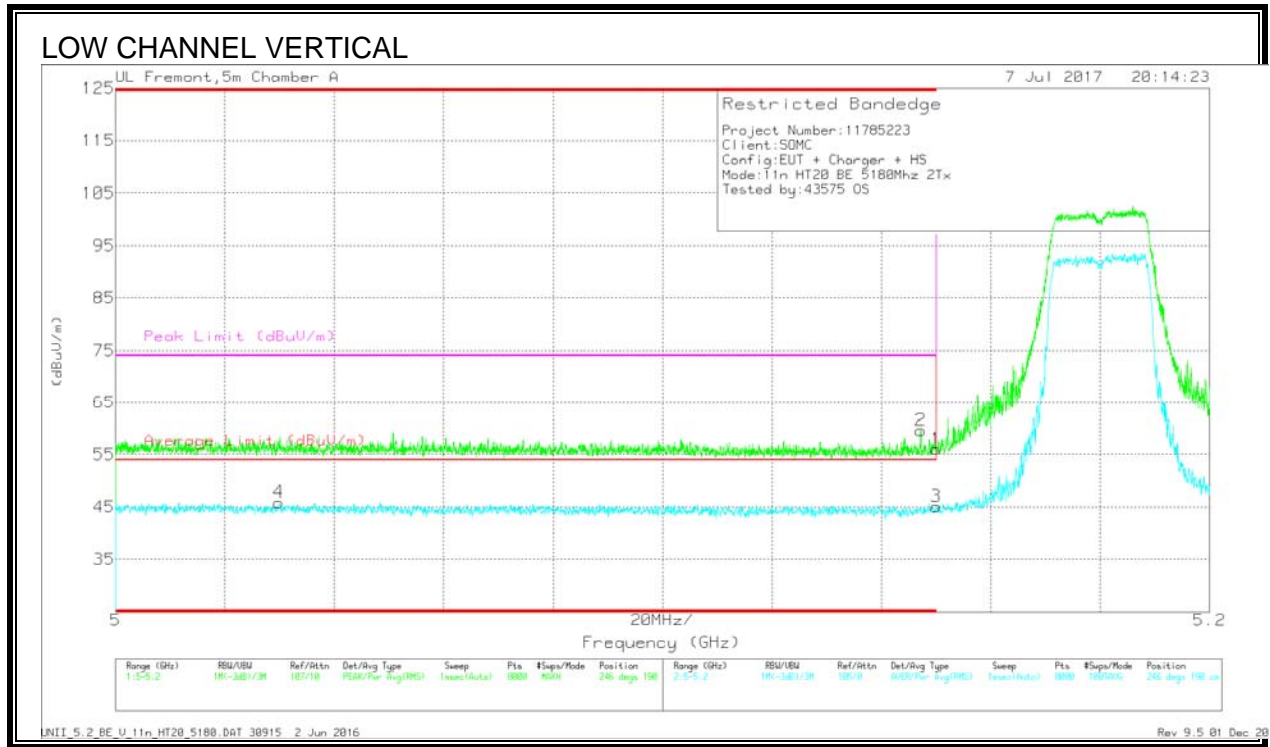
#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF Y862 (dB/m)	Amp/Chl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Antimux (Degs)	Height (cm)	Polarity
4	* 5.009	29.09	RMS	34.3	-17.7	-18	45.87	54	-8.13	-	-	256	241	H
1	5.15	41.64	Pk	34.4	-18	0	58.04	-	-	74	-15.96	256	241	H
2	* 5.15	49.32	Pk	34.4	-18	0	65.72	-	-	74	-8.28	256	241	H
3	5.15	27.85	RMS	34.4	-18	-18	44.43	54	-9.57	-	-	256	241	H

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

Pk - Peak detector

RMS - RMS detection



Trace Markers

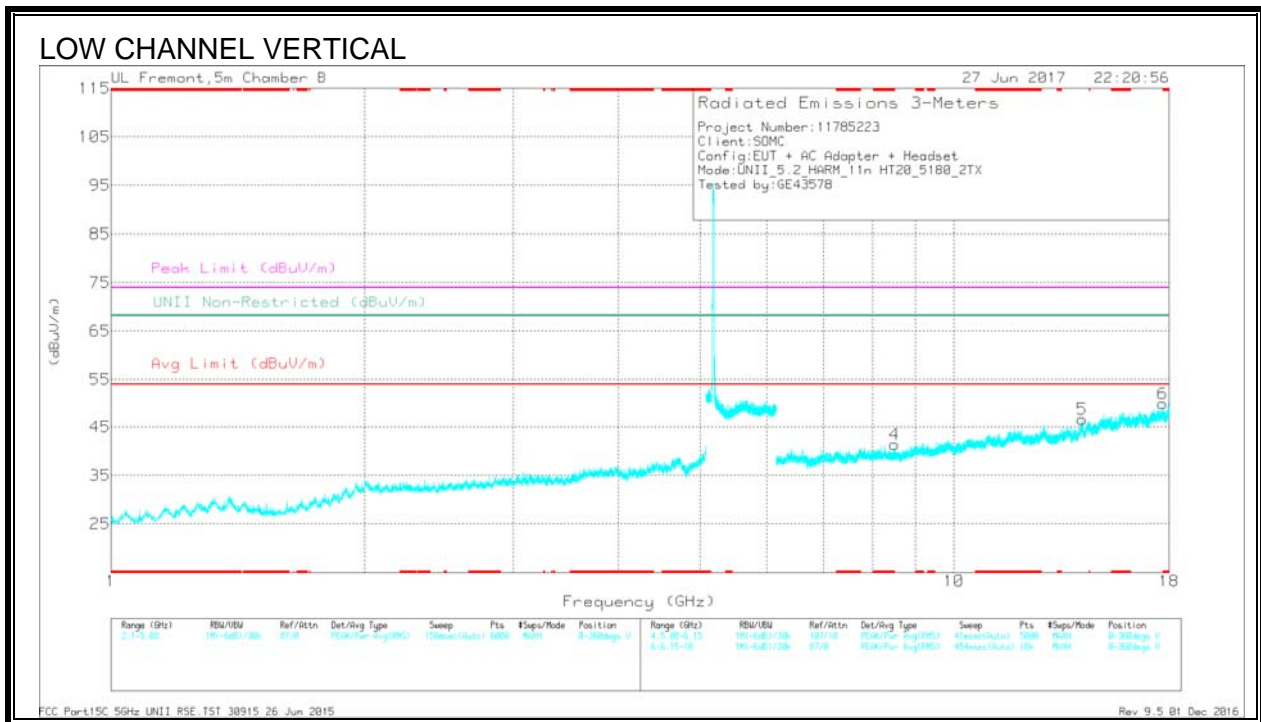
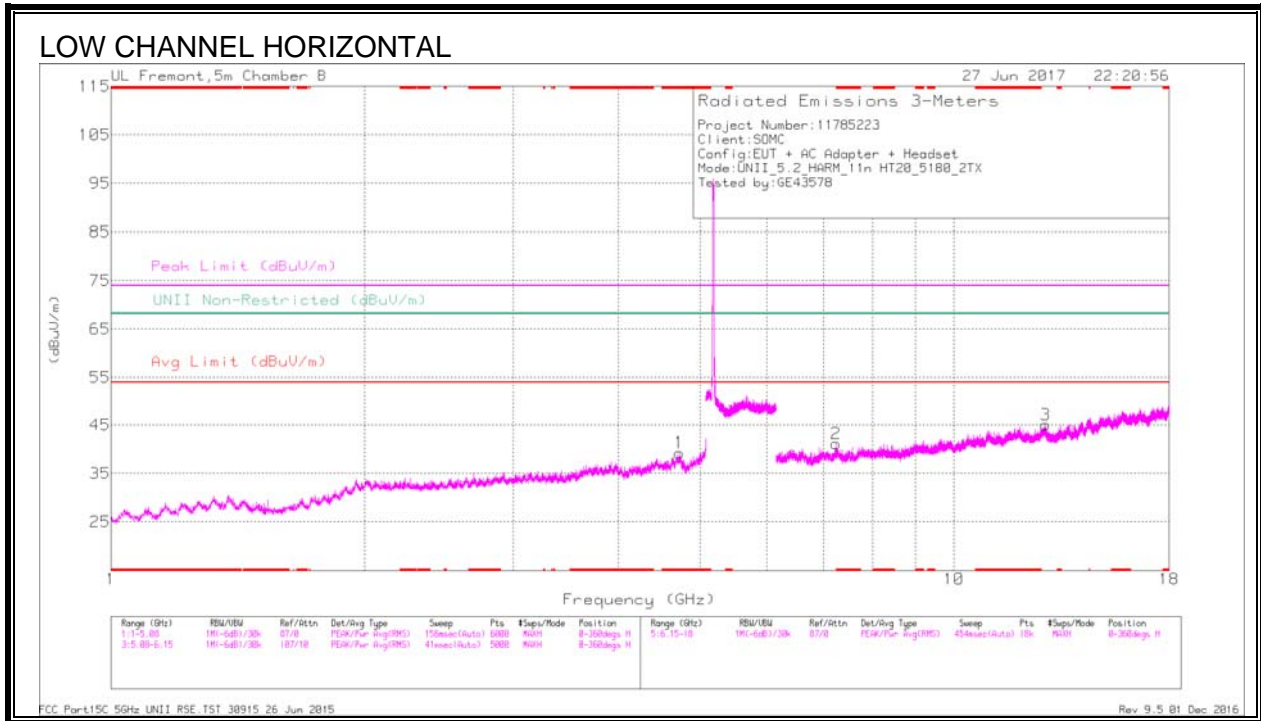
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Chl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 5.03	29.2	RMS	34.3	-17.8	.18	45.88	54	-8.12	-	-	246	190	V
2	* 5.147	43.15	Pk	34.4	-18	0	59.55	-	-	74	-14.45	246	190	V
1	5.15	39.63	Pk	34.4	-18	0	56.03	-	-	74	-17.97	246	190	V
3	5.15	28.45	RMS	34.4	-18	.18	45.03	54	-8.97	-	-	246	190	V

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

Pk - Peak detector

RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**



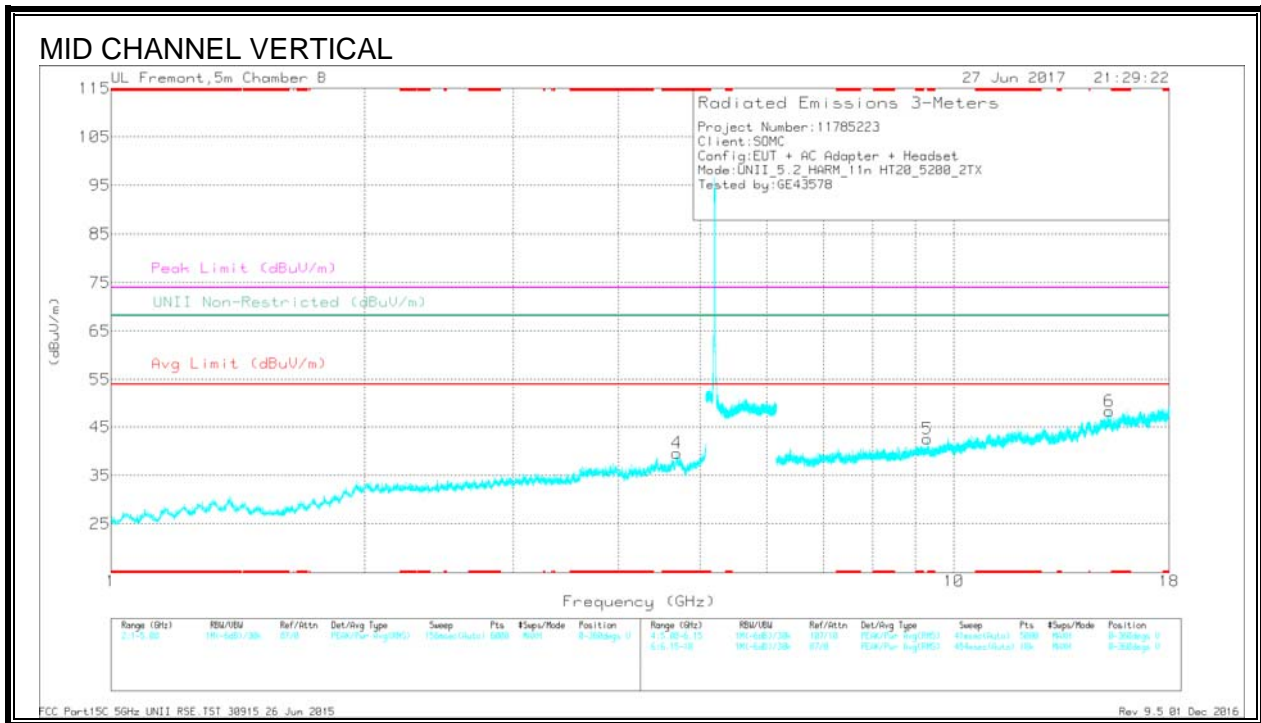
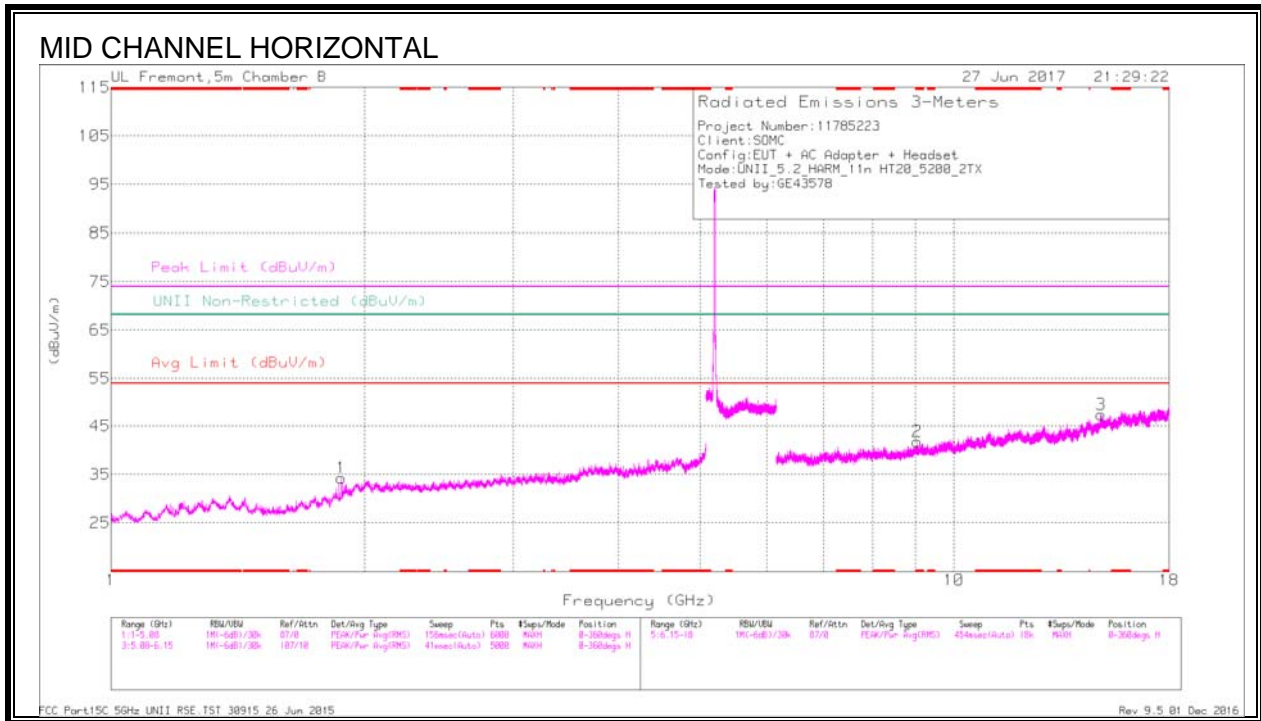
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF1346 (dB/m)	Amp/CM/FHz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 4.724	39.79	PK-U	34.4	-29.1	0	45.09	-	-	74	-28.91	-	-	326	101	H
* 4.722	28.03	ADR	34.4	-29.1	.18	33.51	54	-20.49	-	-	-	-	326	101	H
7.239	35.65	PK-U	36.1	-25.6	0	46.15	-	-	-	-	68.2	-22.05	314	101	H
8.507	35.22	PK-U	36.6	-25.9	0	45.92	-	-	-	-	68.2	-22.28	4	200	V
12.85	32.77	PK-U	39.7	-22.4	0	50.07	-	-	-	-	68.2	-18.13	0	101	H
14.203	32.57	PK-U	40.8	-21.9	0	51.47	-	-	-	-	68.2	-16.73	94	104	V
17.679	31.1	PK-U	41.9	-18.4	0	54.6	-	-	-	-	68.2	-13.6	343	200	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



Radiated Emissions

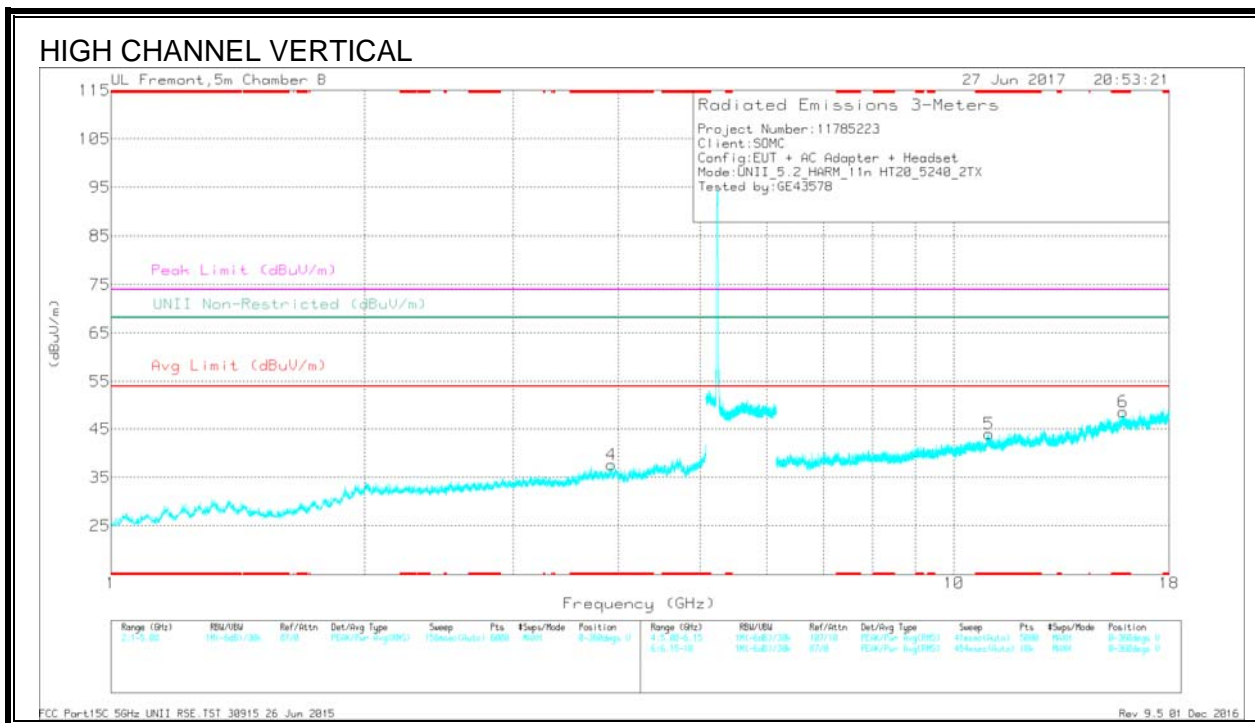
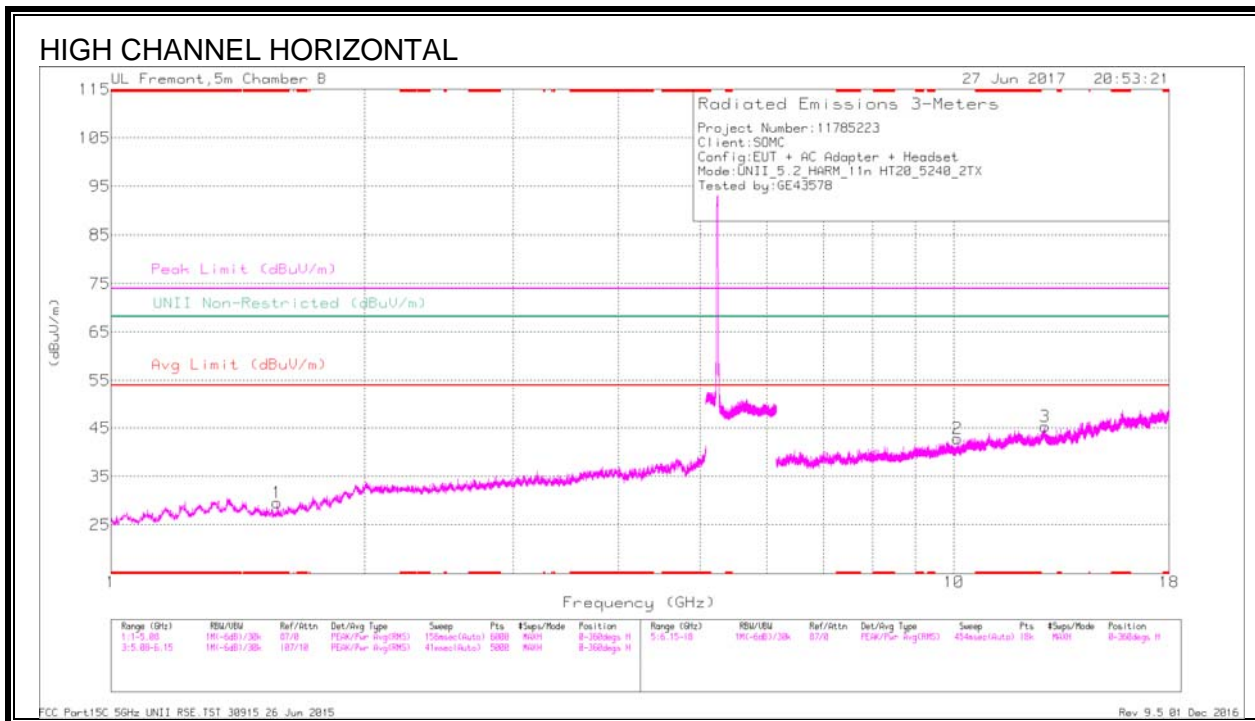
Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/CM/FHz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 4.689	40.47	PK-U	34.4	-20.1	0	45.77	-	-	74	-28.23	-	-	55	199	V
* 4.689	28.27	ADR	34.4	-20.1	.18	33.75	54	-20.25	-	-	-	-	55	199	V
* 9.049	35.55	PK-U	37	-24.9	0	47.65	-	-	74	-26.35	-	-	42	199	H
* 9.048	23.52	ADR	37	-25	.18	35.7	54	-18.3	-	-	-	-	42	199	H
* 9.304	34.84	PK-U	37.2	-24.3	0	47.74	-	-	74	-26.26	-	-	89	103	V
* 9.304	22.67	ADR	37.2	-24.3	.18	35.75	54	-18.25	-	-	-	-	89	103	V
1.879	40.18	PK-U	30.6	-33	0	37.78	-	-	-	-	68.2	-30.42	228	101	H
14.949	32.57	PK-U	41.1	-21.3	0	52.37	-	-	-	-	68.2	-15.83	356	104	H
15.295	32.03	PK-U	41.2	-20.2	0	53.03	-	-	-	-	68.2	-15.17	60	200	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average







Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CM/Plr/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 1.575	41.25	PK-U	27.3	-33.7	0	34.85	-	-	74	-39.15	-	-	331	101	H
* 1.575	29.09	ADR	27.3	-33.7	.18	22.87	54	-31.13	-	-	-	-	331	101	H
* 3.925	40.12	PK-U	33.7	-30.1	0	43.72	-	-	74	-30.28	-	-	228	101	V
* 3.925	27.87	ADR	33.7	-30.1	.18	31.65	54	-22.35	-	-	-	-	228	101	V
* 11.007	33.48	PK-U	38.5	-21.8	0	50.18	-	-	74	-23.82	-	-	232	200	V
* 11.007	21.5	ADR	38.5	-21.7	.18	38.48	54	-15.52	-	-	-	-	232	200	V
* 15.866	31.4	PK-U	41.5	-18.7	0	54.2	-	-	74	-19.8	-	-	289	200	V
* 15.866	19.78	ADR	41.5	-18.7	.18	42.76	54	-11.24	-	-	-	-	289	200	V
10.094	34.78	PK-U	37.6	-23.4	0	48.98	-	-	-	-	68.2	-19.22	68	101	H
12.823	32.31	PK-U	39.8	-22	0	50.11	-	-	-	-	68.2	-18.09	0	101	H

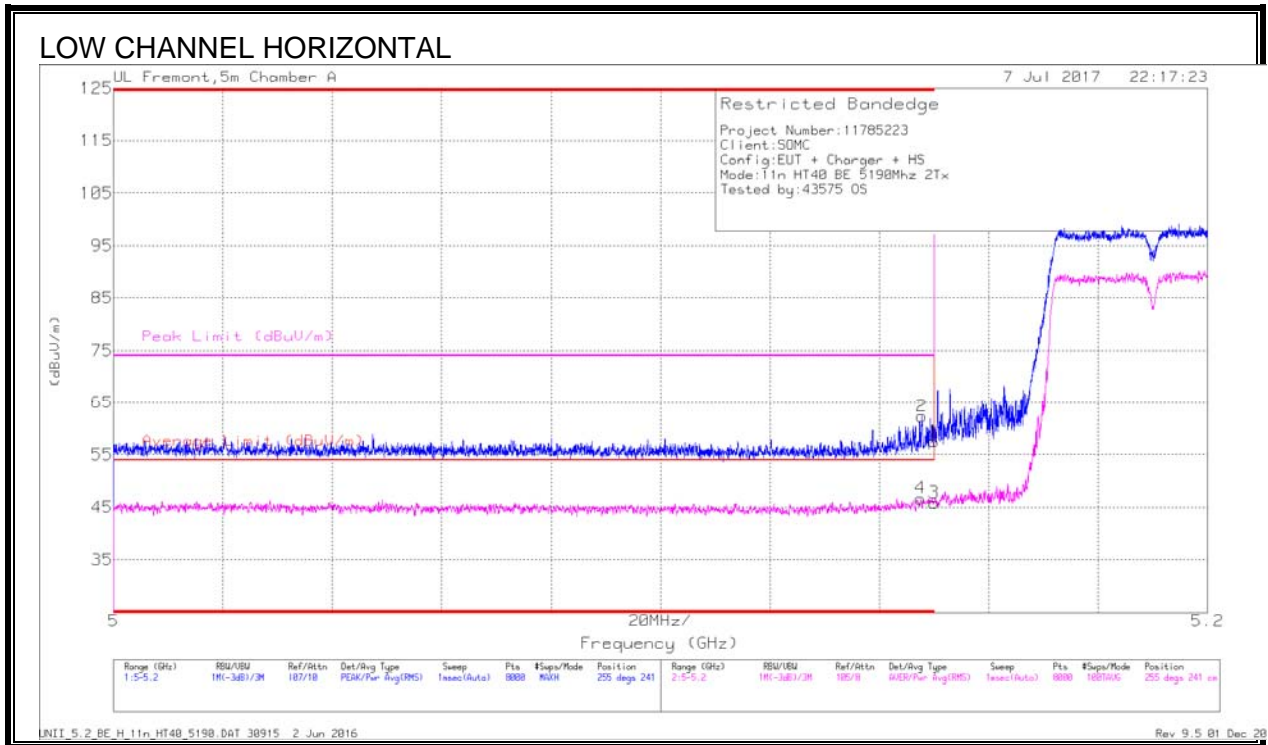
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### 11.1.3. 11n HT40 2TX CDD MIMO MODE IN THE 5.2GHz BAND

#### BANDEDGE (LOW CHANNEL)



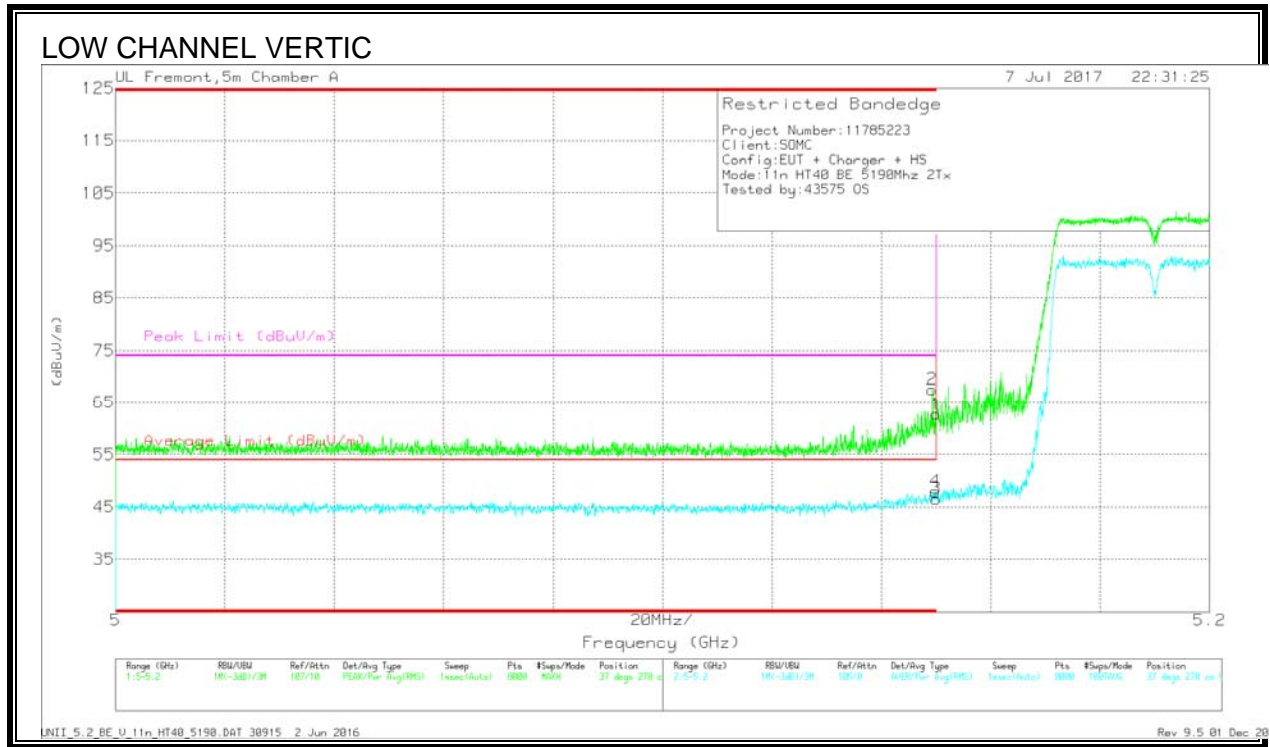
#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF Y862 (dB/m)	Amp/Chl/Filt/Pad (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
4	* 5.147	29.89	RMS	34.4	-18	.39	46.68	54	-7.32	-	-	255	241	H
2	* 5.148	45.97	Pk	34.4	-18	0	62.37	-	-	74	-11.63	255	241	H
1	5.15	41.11	Pk	34.4	-18	0	57.51	-	-	74	-16.49	255	241	H
3	5.15	29.06	RMS	34.4	-18	.39	45.85	54	-8.15	-	-	255	241	H

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

Pk - Peak detector

RMS - RMS detection



Trace Markers

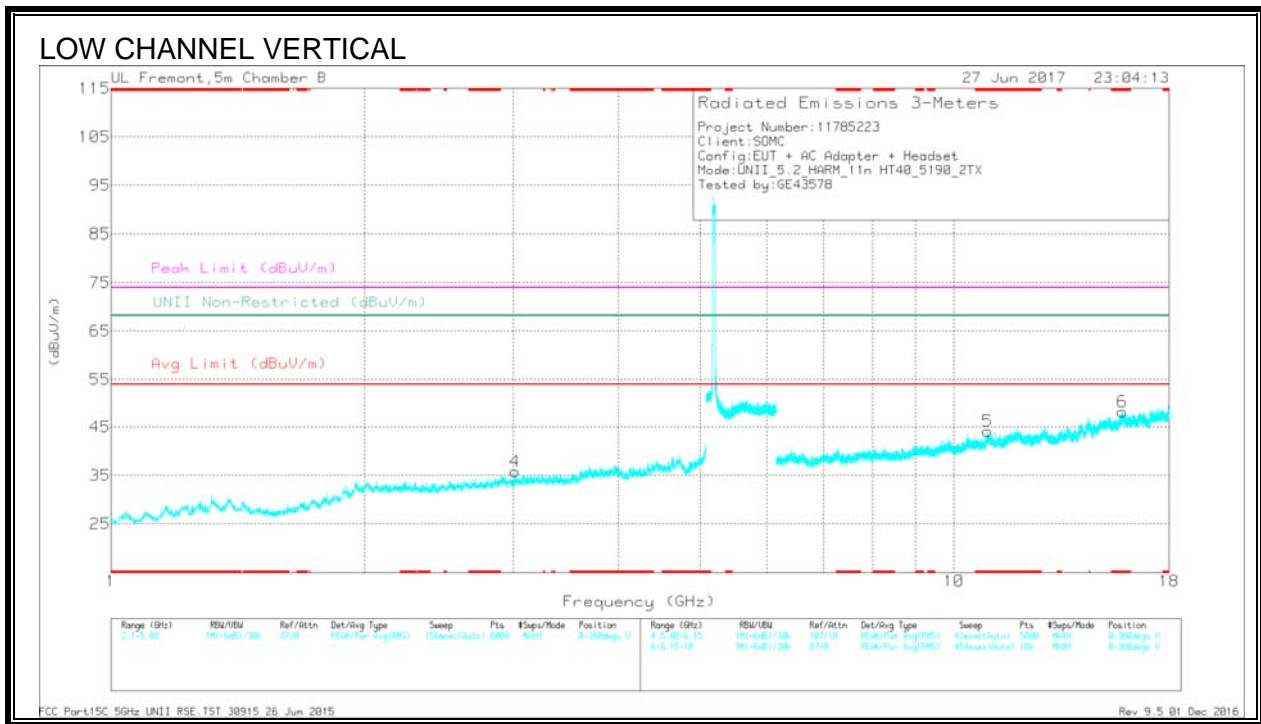
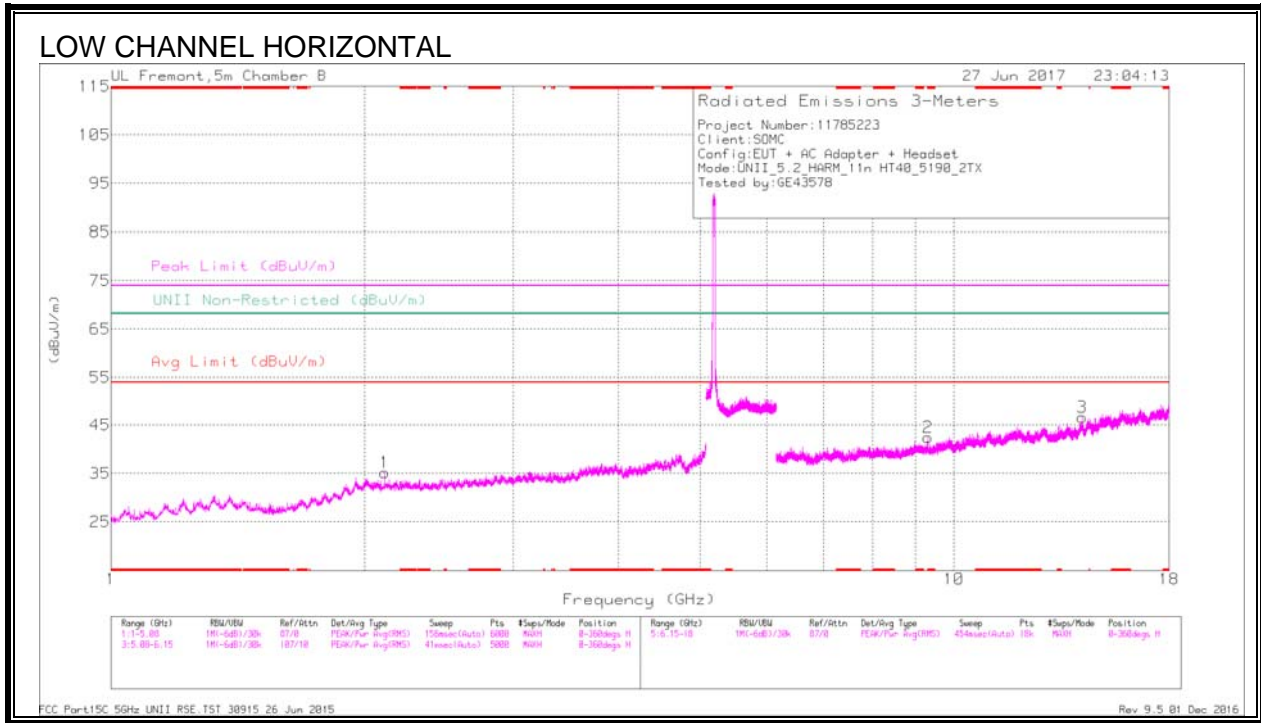
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1862 (dB/m)	Amp/Chl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.149	51.2	Pk	34.4	-18	0	67.6	-	-	74	-6.4	37	278	V
1	5.15	46.28	Pk	34.4	-18	0	62.68	-	-	74	-11.32	37	278	V
3	5.15	29.78	RMS	34.4	-18	.39	46.57	54	-7.43	-	-	37	278	V
4	5.15	31.17	RMS	34.4	-18	.39	47.96	54	-6.04	-	-	37	278	V

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

Pk - Peak detector

RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**



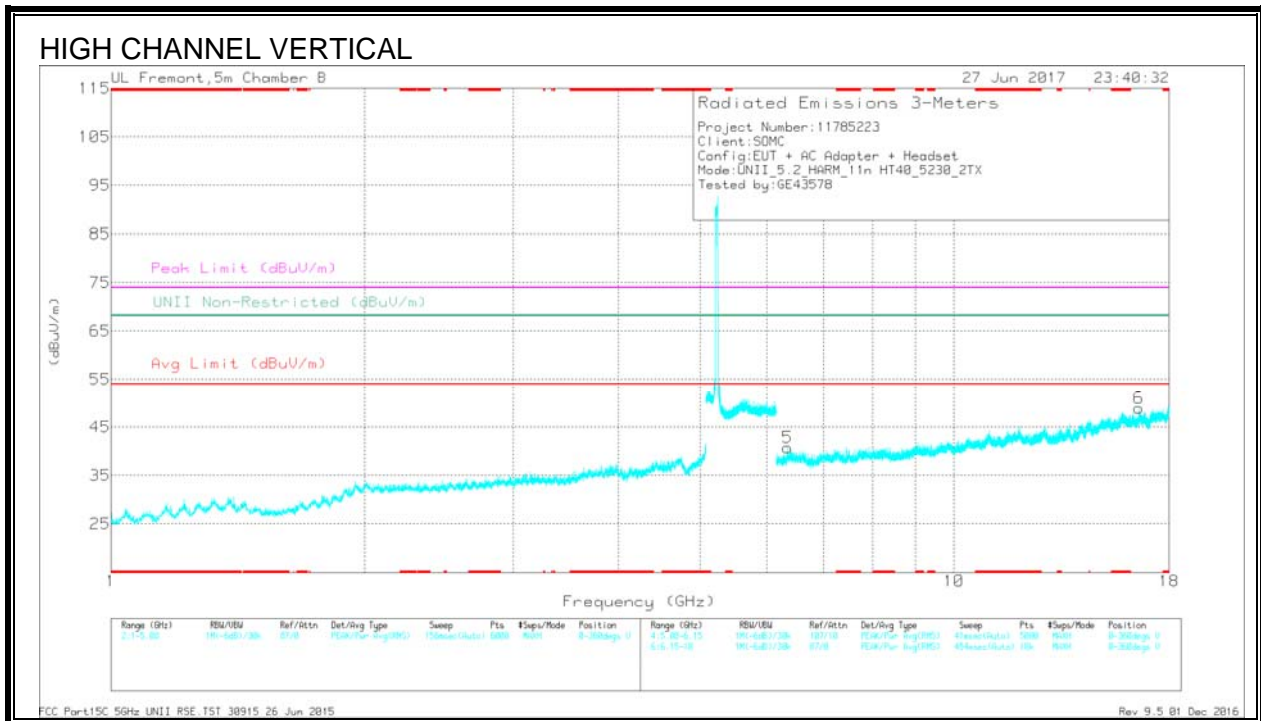
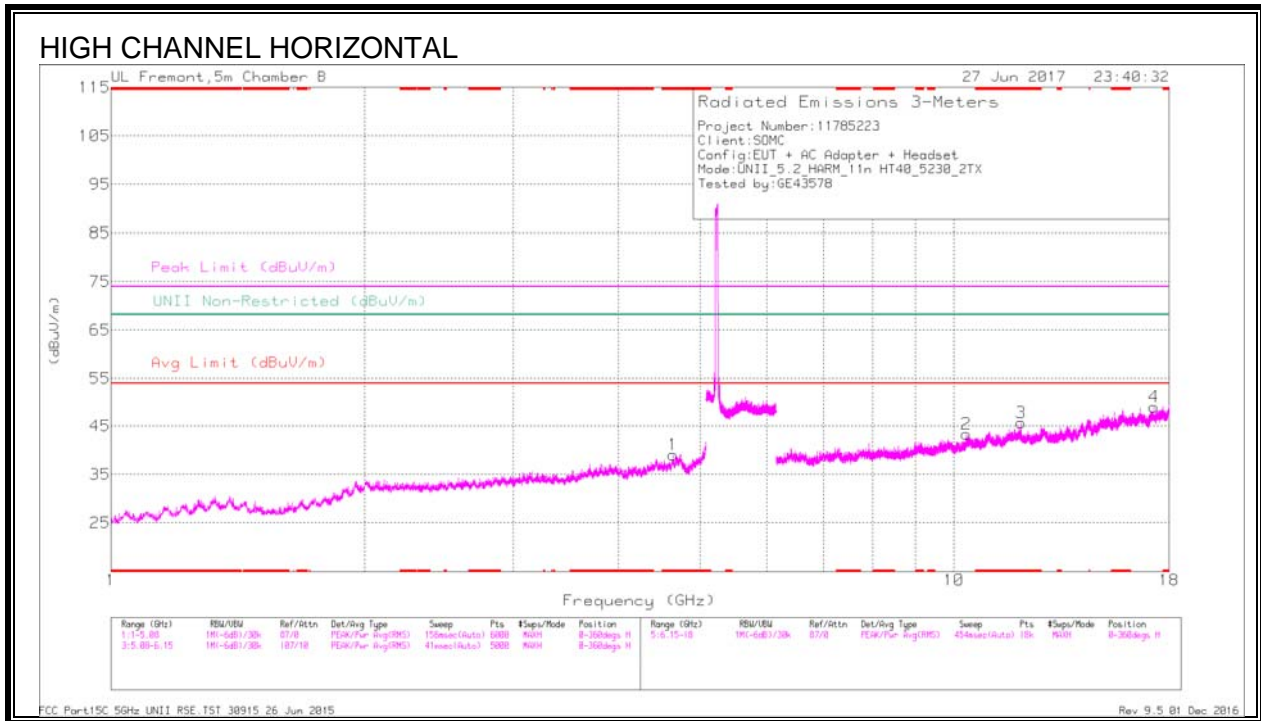
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CM/Pltr/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 9.307	34.75	PK-U	37.2	-24.3	0	47.65	-	-	74	-26.35	-	-	258	104	H
* 9.307	22.68	ADR	37.2	-24.3	.39	35.97	54	-18.03	-	-	-	-	258	104	H
* 10.968	33.85	PK-U	38.4	-22.4	0	49.85	-	-	74	-24.15	-	-	356	200	V
* 10.968	21.64	ADR	38.4	-22.4	.39	38.03	54	-15.97	-	-	-	-	356	200	V
* 15.851	32.13	PK-U	41.6	-18.8	0	54.93	-	-	74	-19.07	-	-	258	200	V
* 15.851	19.86	ADR	41.6	-18.8	.39	43.05	54	-10.95	-	-	-	-	258	200	V
2.111	40.32	PK-U	32.1	-33.2	0	39.22	-	-	-	-	68.2	-28.98	95	199	H
3.017	39.7	PK-U	32.9	-31.4	0	41.2	-	-	-	-	68.2	-27	64	199	V
14.186	32.13	PK-U	40.7	-21.5	0	51.33	-	-	-	-	68.2	-16.87	6	104	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CM/Plr/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 4.642	39.04	PK-U	34.4	-28.3	0	45.14	-	-	74	-28.86	-	-	9	101	H
* 4.642	26.93	ADR	34.4	-28.3	.39	33.42	54	-20.58	-	-	-	-	9	101	H
* 12.005	33.3	PK-U	39.8	-22.9	0	50.2	-	-	74	-23.8	-	-	91	104	H
* 12.008	21.49	ADR	39.8	-23	.39	38.68	54	-15.32	-	-	-	-	91	104	H
6.344	37.53	PK-U	36.1	-28	0	45.63	-	-	-	-	68.2	-22.57	305	104	V
10.35	33.75	PK-U	37.7	-22.8	0	48.65	-	-	-	-	68.2	-19.55	360	199	H
16.966	31.98	PK-U	41.7	-19.8	0	53.88	-	-	-	-	68.2	-14.32	192	200	V
17.255	32.15	PK-U	41.8	-19.1	0	54.85	-	-	-	-	68.2	-13.35	181	104	H

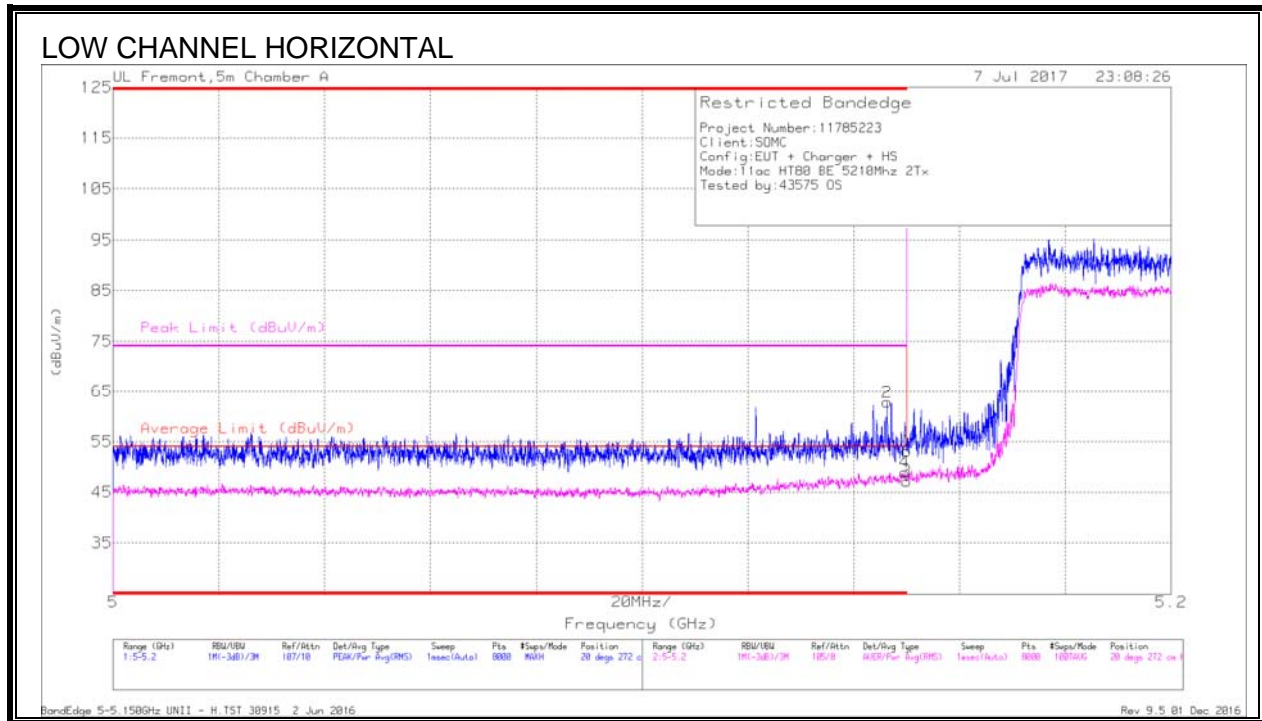
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### 11.1.4. 11ac HT80 2TX CDD MIMO MODE IN THE 5.2GHz BAND

#### BANDEDGE (LOW CHANNEL)



#### Trace Markers

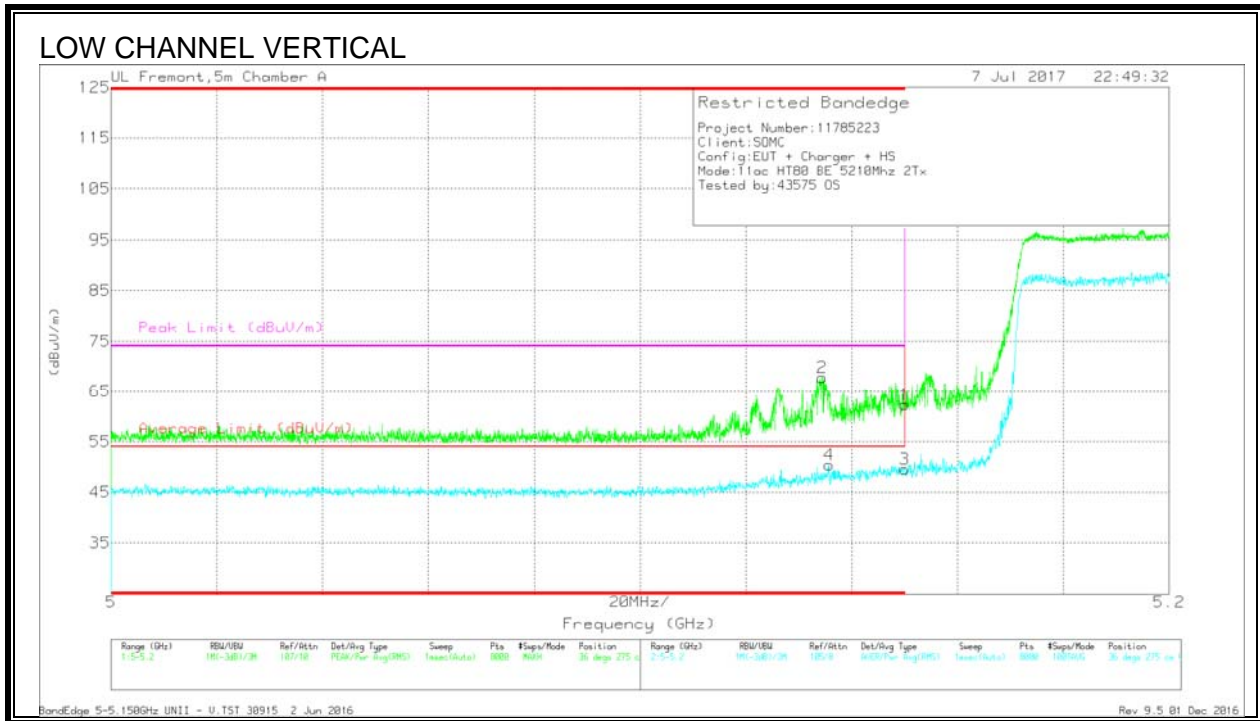
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT862 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	36.72	Pk	34.4	-18	0	53.12	-	-	74	-20.88	20	272	H
2	* 5.146	46.4	Pk	34.4	-18	0	62.8	-	-	74	-11.2	20	272	H
3	5.15	30.12	RMS	34.4	-18	.72	47.24	54	-6.76	-	-	20	272	H
4	5.15	31.86	RMS	34.4	-18	.72	48.98	54	-5.02	-	-	20	272	H

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

Pk - Peak detector

RMS - RMS detection





Trace Markers

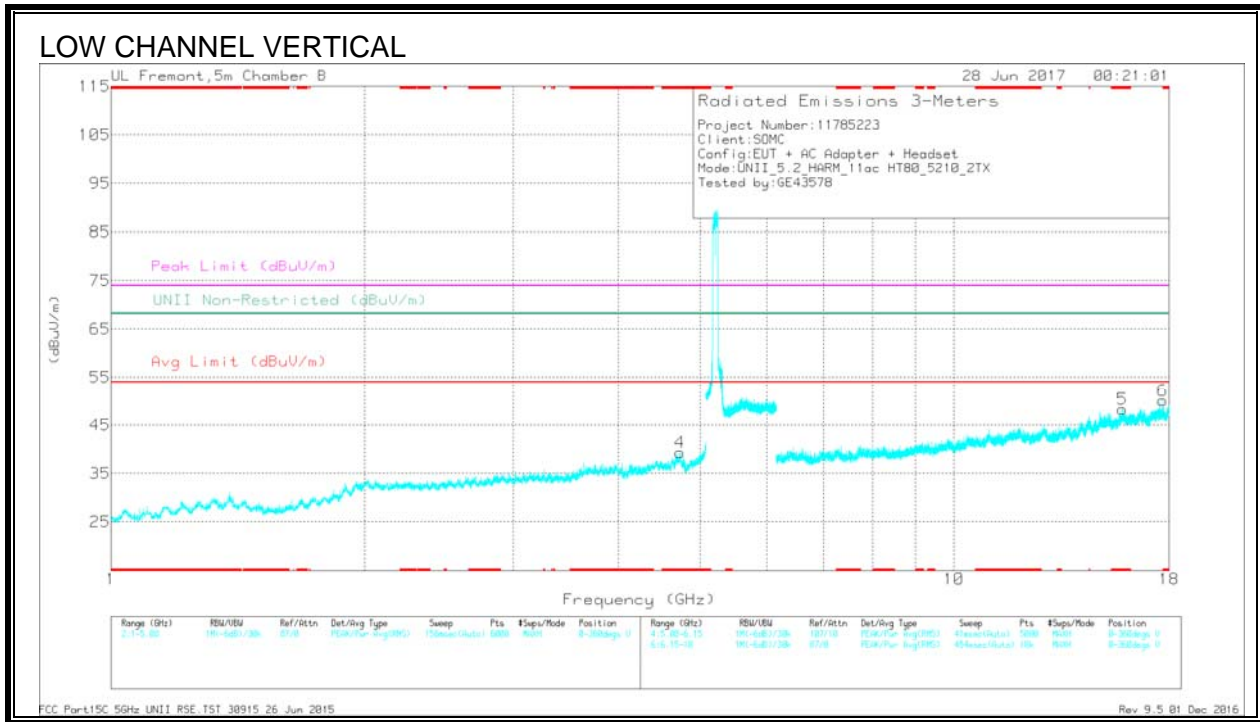
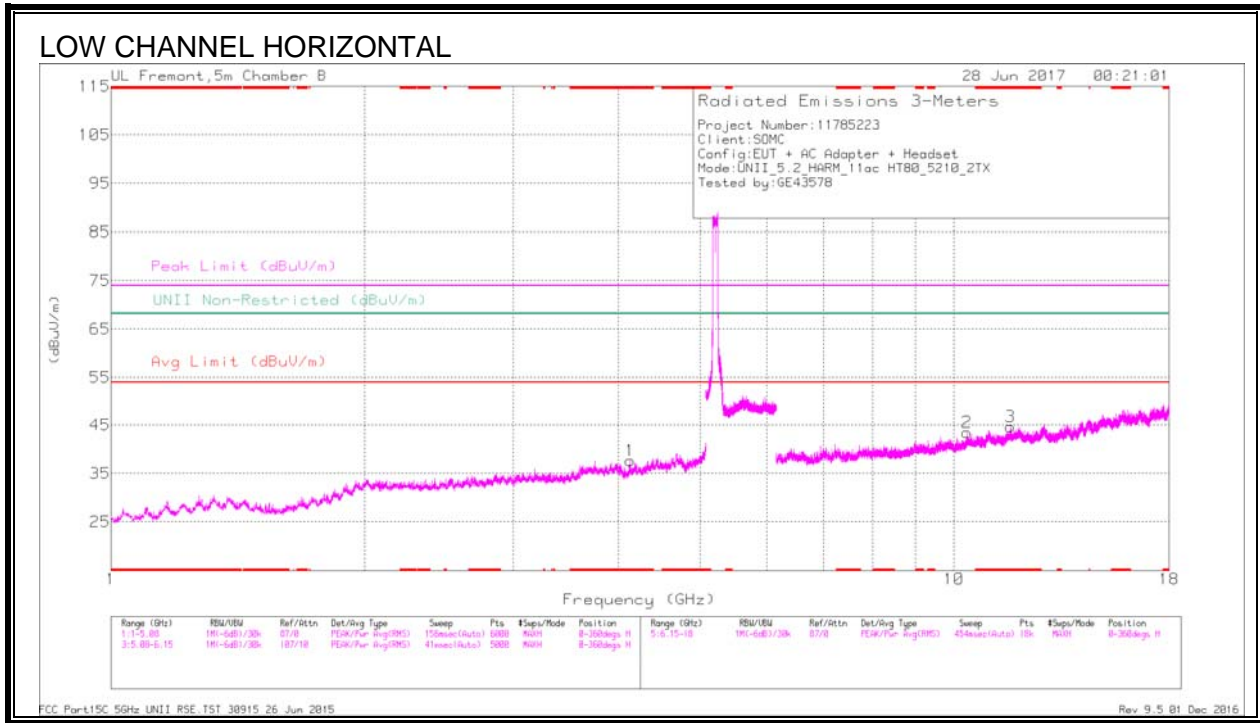
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	45.95	Pk	34.4	-18	0	62.35	-	-	74	-11.65	36	275	V
2	* 5.134	51.36	Pk	34.4	-18	0	67.76	-	-	74	-6.24	36	275	V
3	5.15	32.4	RMS	34.4	-18	.72	49.52	54	-4.48	-	-	36	275	V
4	* 5.136	33.31	RMS	34.4	-18	.72	50.43	54	-3.57	-	-	36	275	V

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

Pk - Peak detector

RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**



Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CM/Plr/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 4.132	40.79	PK-U	33.6	-29.6	0	44.79	-	-	74	-29.21	-	-	50	101	H
* 4.132	27.19	ADR	33.6	-29.6	.72	31.91	54	-22.09	-	-	-	-	50	101	H
* 4.735	39.83	PK-U	34.4	-29	0	45.23	-	-	74	-28.77	-	-	10	200	V
* 4.732	28.29	ADR	34.4	-29	.72	34.41	54	-19.59	-	-	-	-	10	200	V
* 11.675	33.36	PK-U	39	-22	0	50.36	-	-	74	-23.64	-	-	256	200	H
* 11.674	21.27	ADR	39	-22	.72	38.99	54	-15.01	-	-	-	-	256	200	H
* 15.843	31.9	PK-U	41.6	-19.2	0	54.3	-	-	74	-19.7	-	-	288	200	V
* 15.844	19.95	ADR	41.6	-19.1	.72	43.17	54	-10.83	-	-	-	-	288	200	V
10.366	33.29	PK-U	37.7	-22.5	0	48.49	-	-	-	-	68.2	-19.71	101	200	H
17.687	31.41	PK-U	41.9	-18.6	0	54.71	-	-	-	-	68.2	-13.49	5	200	V

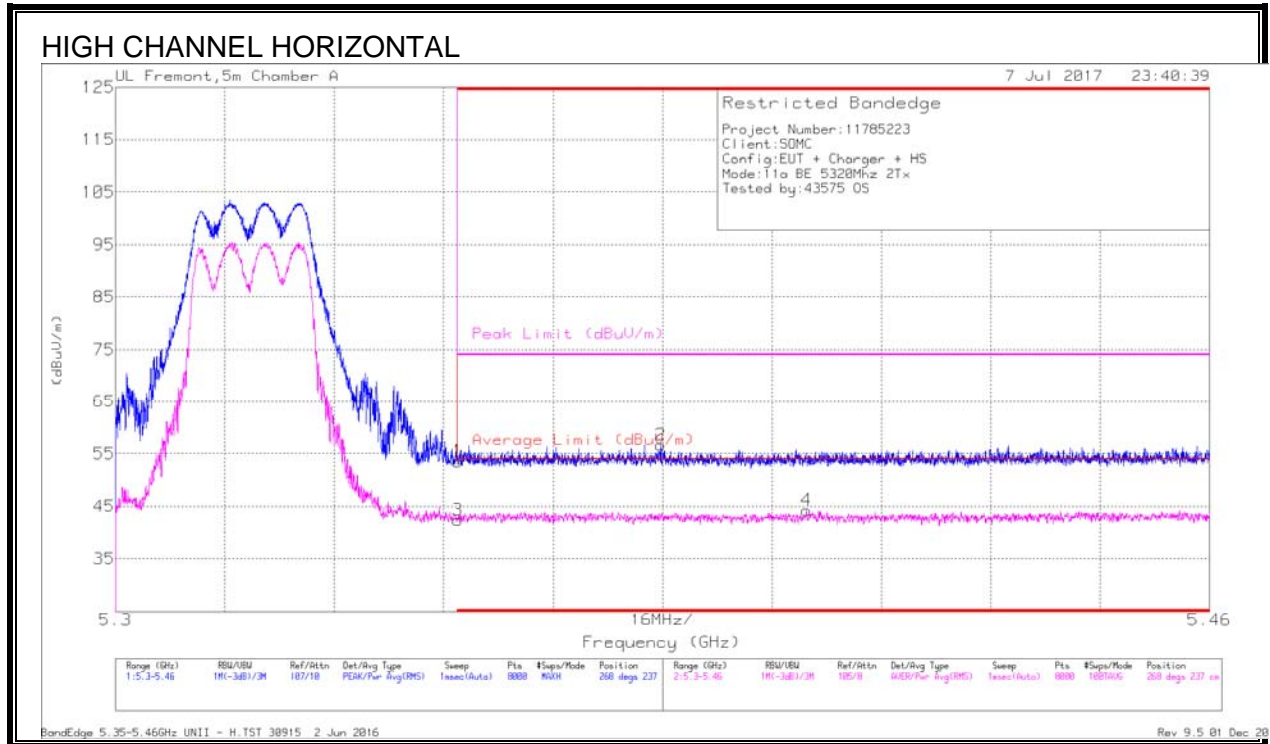
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### 11.1.5. 11a HT20 2TX CDD MIMO MODE IN THE 5.3GHz BAND

#### BANDEDGE (HIGH CHANNEL)



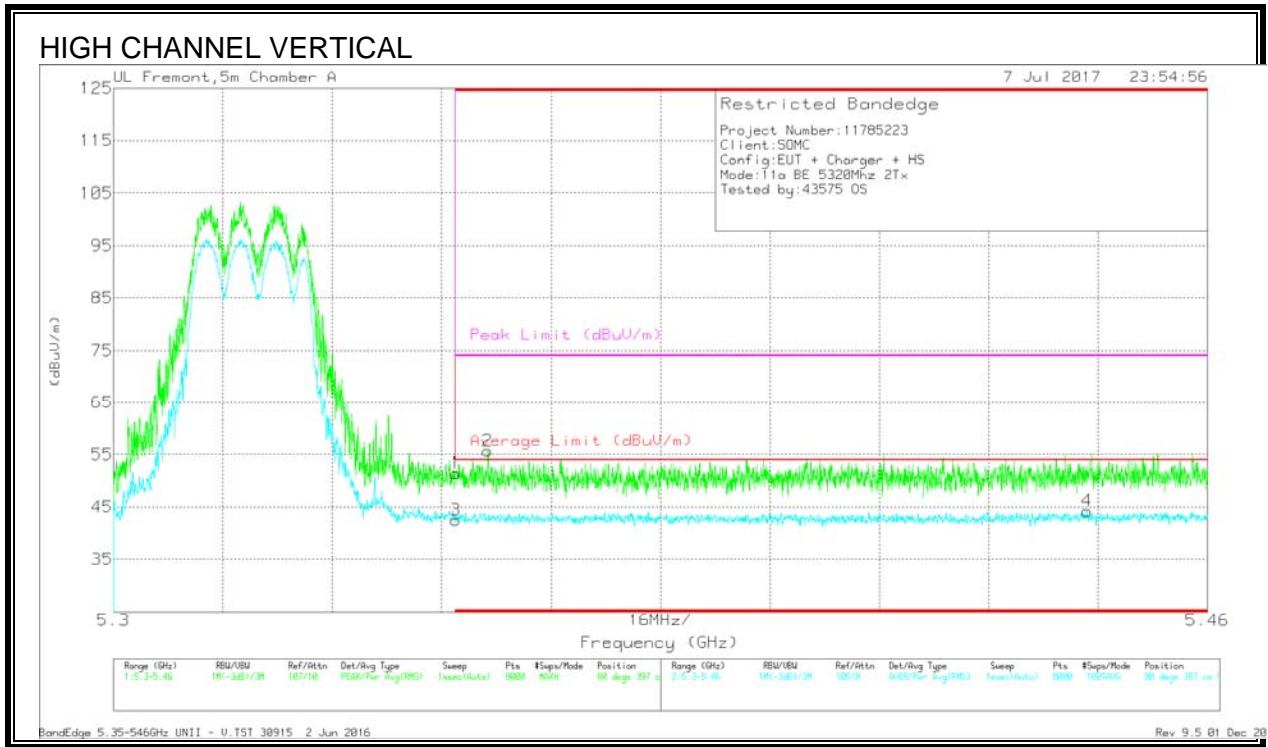
#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF Y862 (dB/m)	Amp/Cbl/Filt/Pad (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	37.21	Pk	34.6	-18.3	0	53.51	-	-	74	-20.49	268	237	H
3	5.35	25.77	RMS	34.6	-18.3	24	42.31	54	-11.69	-	-	268	237	H
2	* 5.38	40.35	Pk	34.6	-18.3	0	56.65	-	-	74	-17.35	268	237	H
4	* 5.401	27.68	RMS	34.6	-18.3	24	44.22	54	-9.78	-	-	268	237	H

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

Pk - Peak detector

RMS - RMS detection



Trace Markers

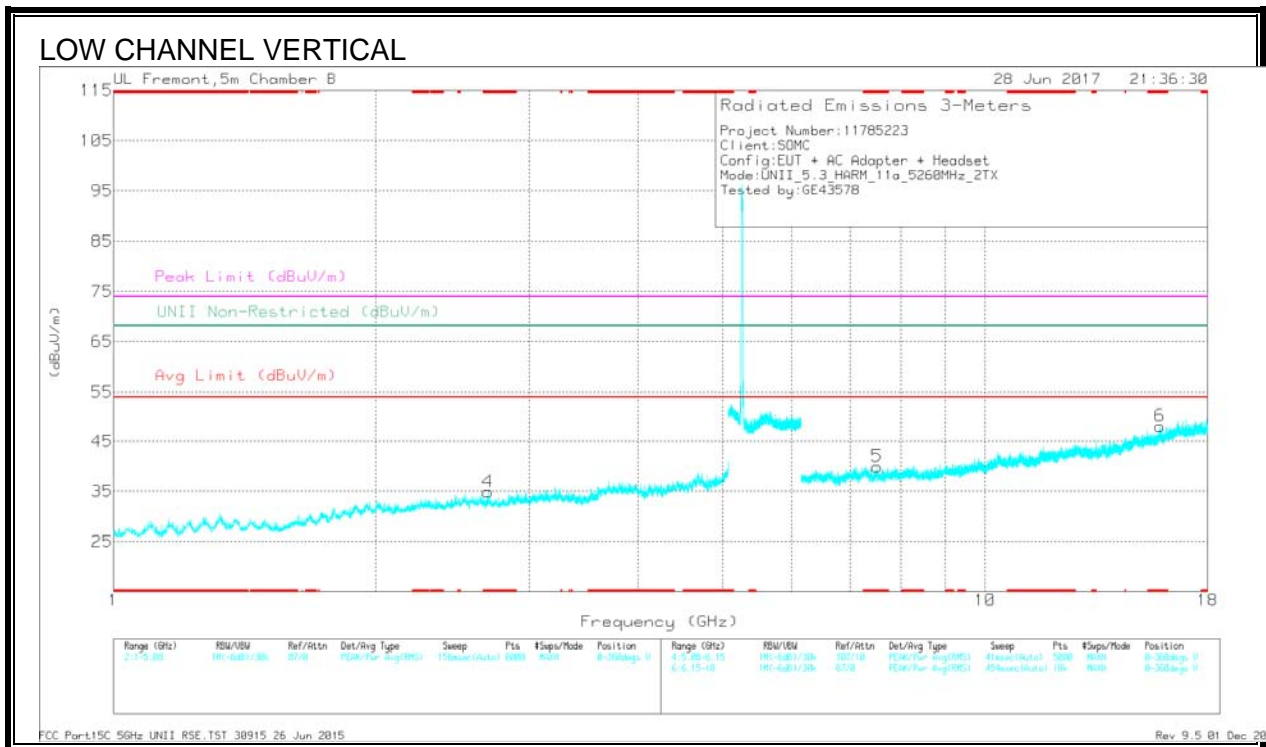
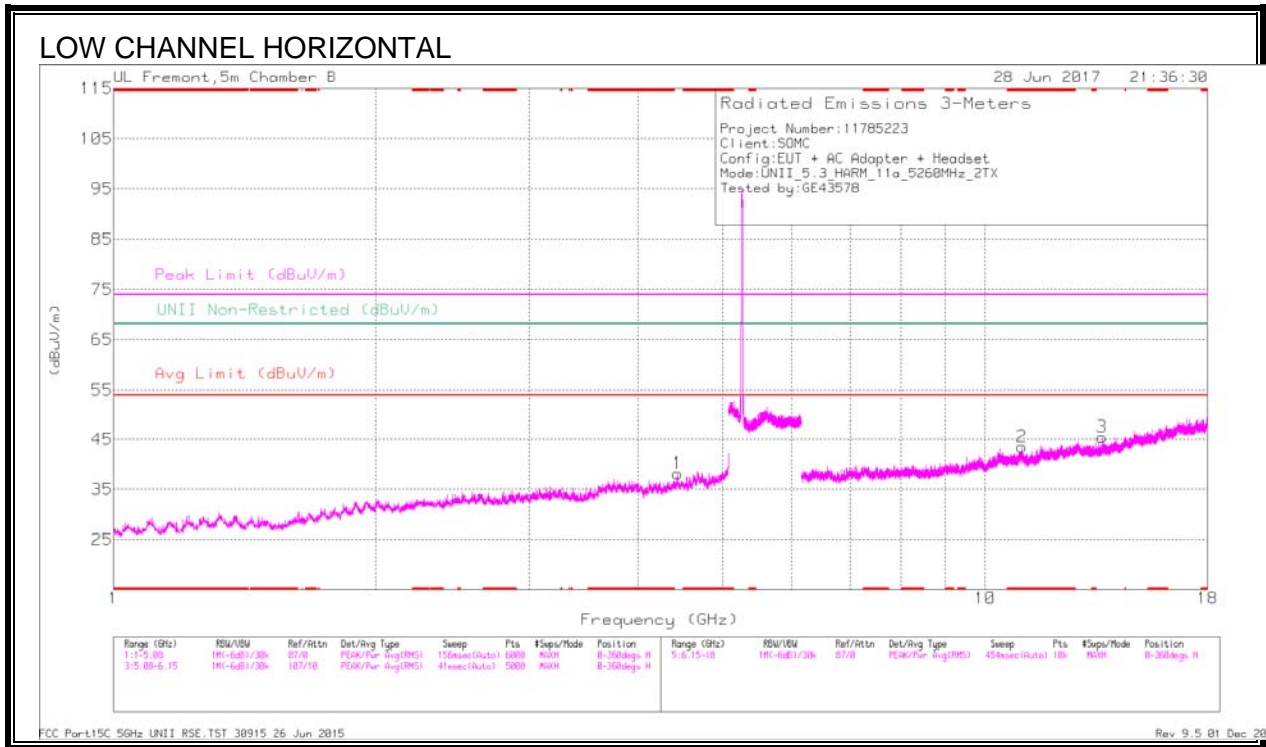
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fils/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	35.16	Pk	34.6	-18.3	0	51.46	-	-	74	-22.54	80	397	V
3	5.35	25.9	RMS	34.6	-18.3	.24	42.44	54	-11.56	-	-	80	397	V
2	* 5.355	39.38	Pk	34.6	-18.3	0	55.68	-	-	74	-18.32	80	397	V
4	* 5.442	27.42	RMS	34.7	-18.2	.24	44.16	54	-9.84	-	-	80	397	V

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

Pk - Peak detector

RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**



Radiated Emissions

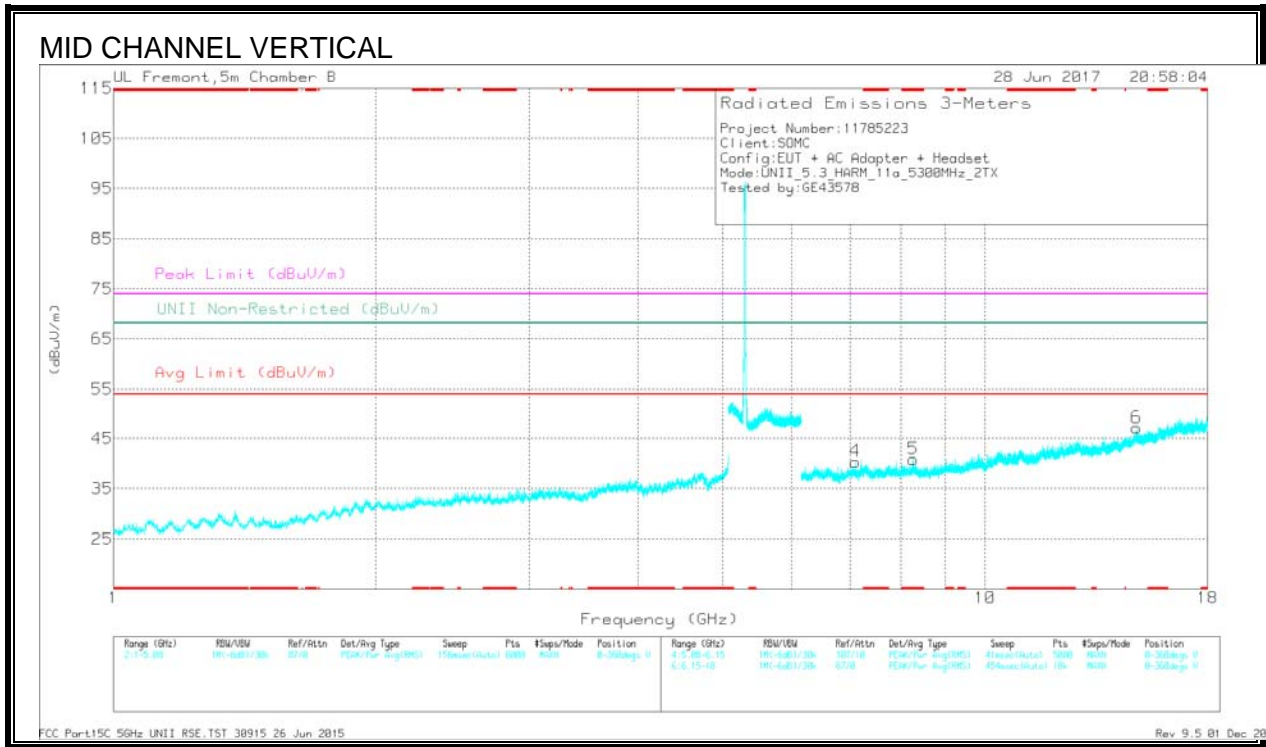
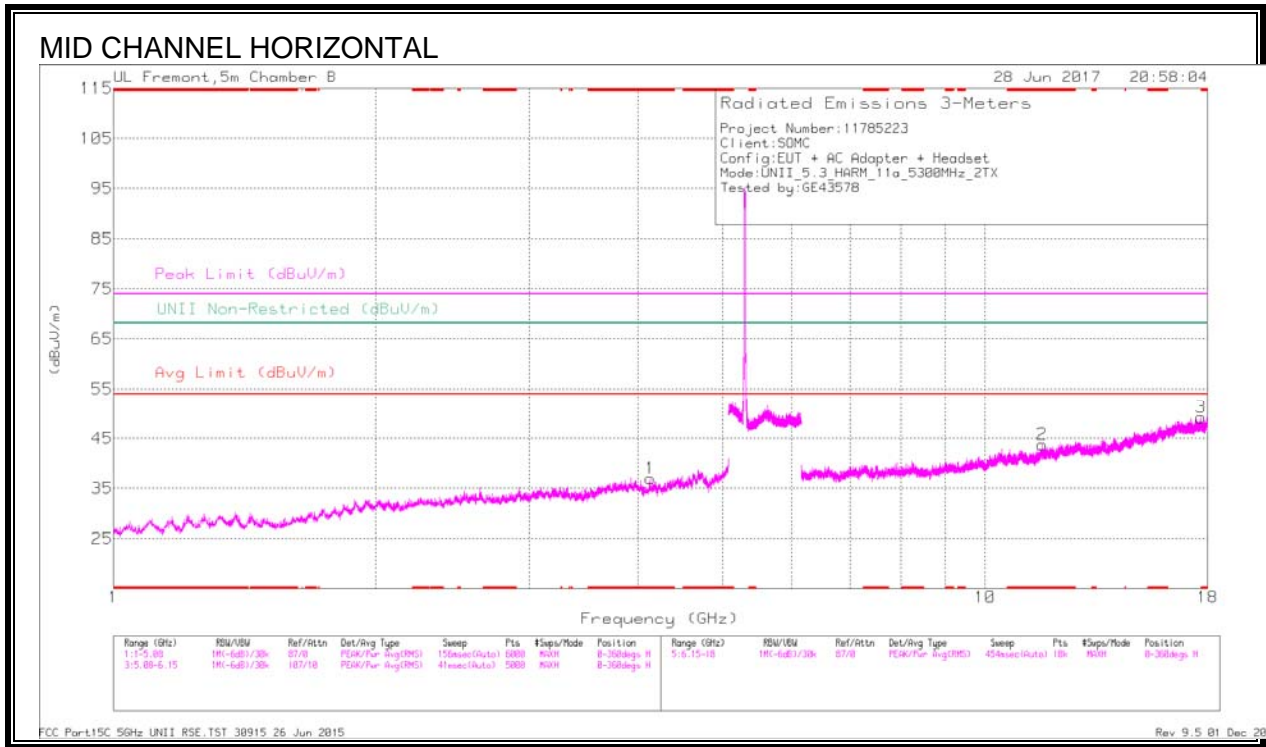
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T83 (dB/m)	Amp/Ch/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.69	39.9	PK-U	32.4	-31.9	0	40.4	-	-	74	-33.6	-	-	208	198	V
* 2.69	27.84	ADR	32.4	-31.9	.24	28.58	54	-25.42	-	-	-	-	208	198	V
* 11.02	33.16	PK-U	37.7	-22.1	0	48.76	-	-	74	-25.24	-	-	86	104	H
* 11.02	21.48	ADR	37.7	-22.1	.24	37.32	54	-16.68	-	-	-	-	86	104	H
* 7.519	36.19	PK-U	36	-26.2	0	45.99	-	-	74	-28.01	-	-	340	199	V
* 7.52	24.19	ADR	36	-26.1	.24	34.33	54	-19.67	-	-	-	-	340	199	V
* 15.863	32.08	PK-U	41	-18.6	0	54.48	-	-	74	-19.52	-	-	149	104	V
* 15.863	19.83	ADR	41	-18.6	.24	42.47	54	-11.53	-	-	-	-	149	104	V
4.435	39.53	PK-U	33.8	-28.7	0	44.63	-	-	-	-	68.2	-23.57	106	101	H
13.611	33.76	PK-U	39.1	-22	0	50.86	-	-	-	-	68.2	-17.34	0	199	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average







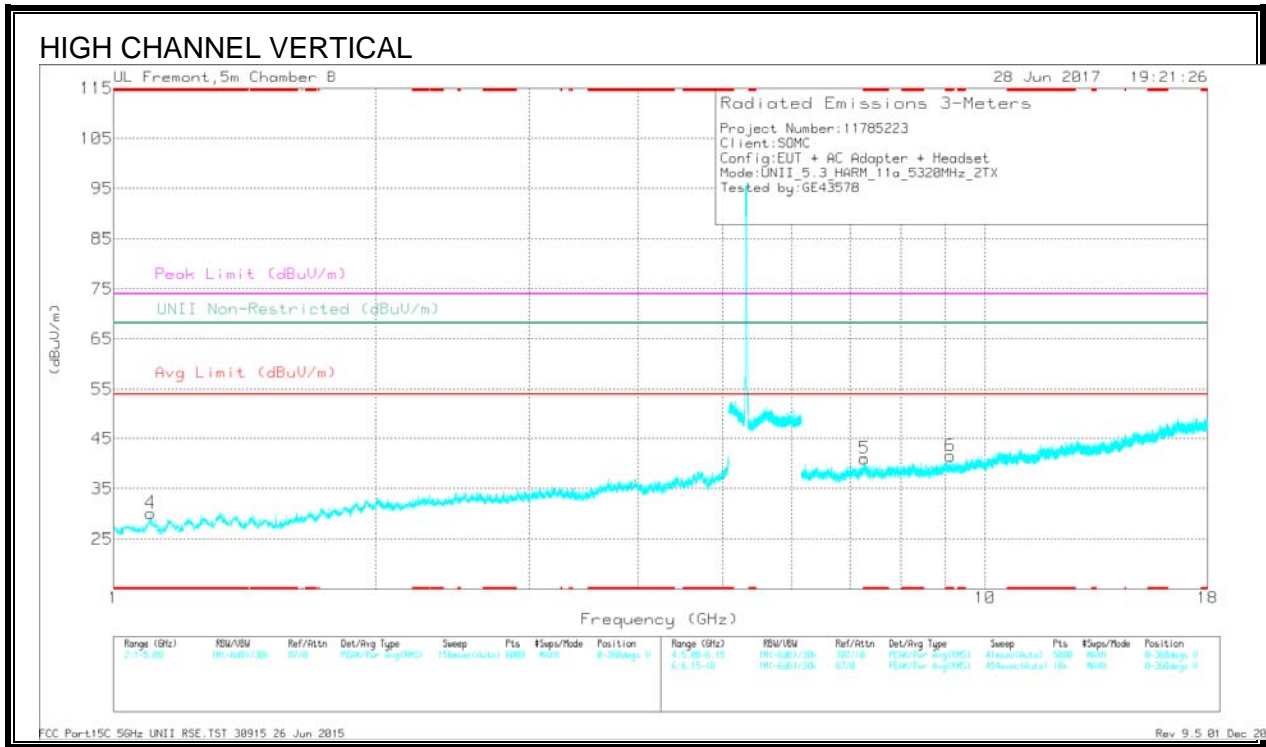
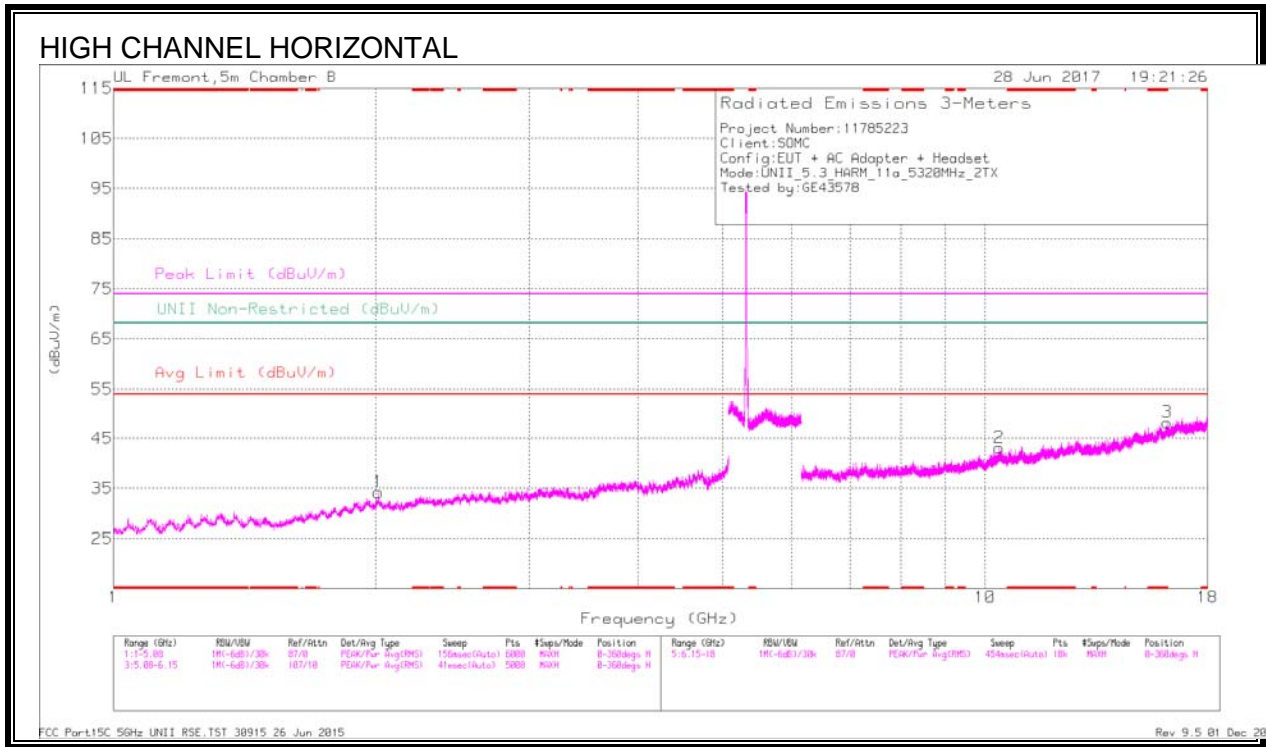
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T83 (dB/m)	Amp/Ch/FHz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.131	39.12	PK-U	33.4	-29.5	0	43.02	-	-	74	-30.98	-	-	311	101	H
* 4.131	26.96	ADR	33.4	-29.5	-.24	31.1	54	-22.9	-	-	-	-	311	101	H
* 11.619	32.93	PK-U	38.3	-21.6	0	49.63	-	-	74	-24.37	-	-	53	198	H
* 11.619	20.95	ADR	38.3	-21.6	-.24	37.89	54	-16.11	-	-	-	-	53	198	H
* 8.266	36.36	PK-U	36.1	-25.6	0	46.86	-	-	74	-27.14	-	-	0	200	V
* 8.267	24.41	ADR	36.1	-25.6	-.24	35.15	54	-18.85	-	-	-	-	0	200	V
7.094	37.08	PK-U	35.9	-27.8	0	45.18	-	-	-	-	68.2	-23.02	268	198	V
14.922	32.8	PK-U	40.6	-21	0	52.4	-	-	-	-	68.2	-15.8	327	104	V
17.686	31.56	PK-U	41.8	-18.6	0	54.76	-	-	-	-	68.2	-13.44	97	198	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF TBE3 (dB/m)	Amp/Ch/FHz/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.102	41.52	PK-U	27.7	-33.9	0	35.32	-	-	74	-38.68	-	-	337	198	V
* 1.102	29.85	ADR	27.7	-33.9	.24	23.89	54	-30.11	-	-	-	-	337	198	V
* 16.184	32.6	PK-U	41.3	-19.7	0	54.2	-	-	74	-19.8	-	-	0	198	H
* 16.183	20.1	ADR	41.3	-19.7	.24	41.94	54	-12.06	-	-	-	-	0	198	H
* 7.274	36.57	PK-U	35.8	-25.8	0	46.57	-	-	74	-27.43	-	-	334	104	V
* 7.274	24.41	ADR	35.8	-25.8	.24	34.65	54	-19.35	-	-	-	-	334	104	V
* 9.117	35.22	PK-U	36.3	-24.7	0	46.82	-	-	74	-27.18	-	-	195	104	V
* 9.117	23.18	ADR	36.3	-24.7	.24	35.02	54	-18.98	-	-	-	-	195	104	V
2.015	40.07	PK-U	31.3	-32	0	39.37	-	-	-	-	68.2	-28.83	251	101	H
10.386	33.62	PK-U	37.5	-22.6	0	48.52	-	-	-	-	68.2	-19.68	65	198	H

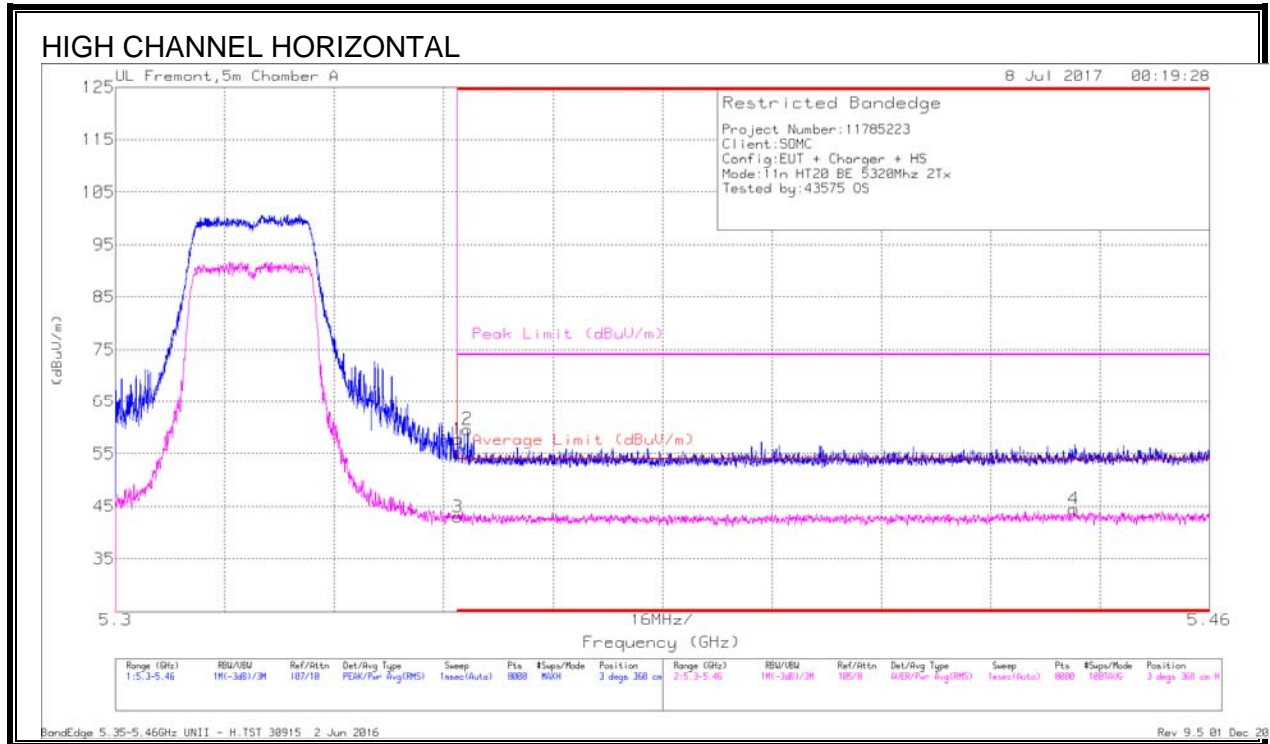
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### 11.1.6. 11n HT20 2TX CDD MIMO MODE IN THE 5.3GHZ BAND

#### BANDEDGE (HIGH CHANNEL)



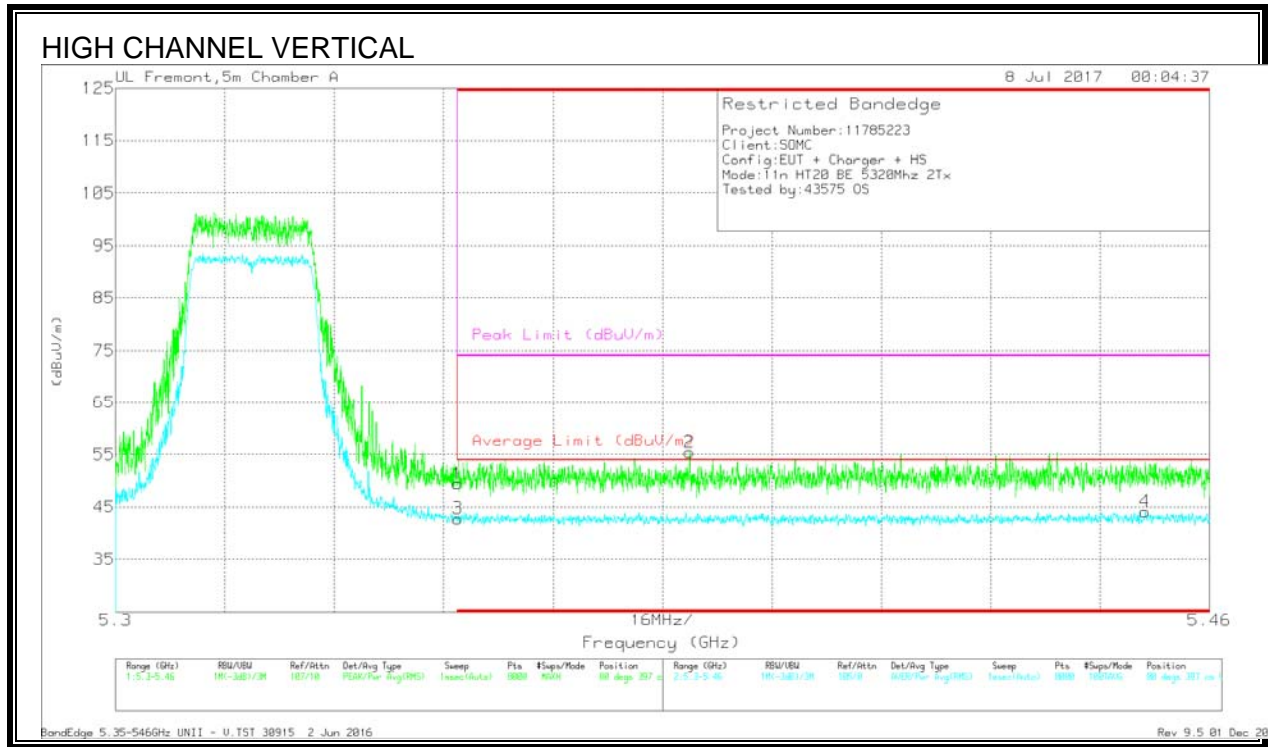
#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF Y862 (dB/m)	Amp/Cbl/Filt/Pad (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	41.48	Pk	34.6	-18.3	0	57.78	-	-	74	-16.22	3	368	H
3	5.35	26.44	RMS	34.6	-18.3	18	42.92	54	-11.08	-	-	3	368	H
2	* 5.352	43.3	Pk	34.6	-18.3	0	59.6	-	-	74	-14.4	3	368	H
4	* 5.44	27.74	RMS	34.7	-18.2	18	44.42	54	-9.58	-	-	3	368	H

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

Pk - Peak detector

RMS - RMS detection



Trace Markers

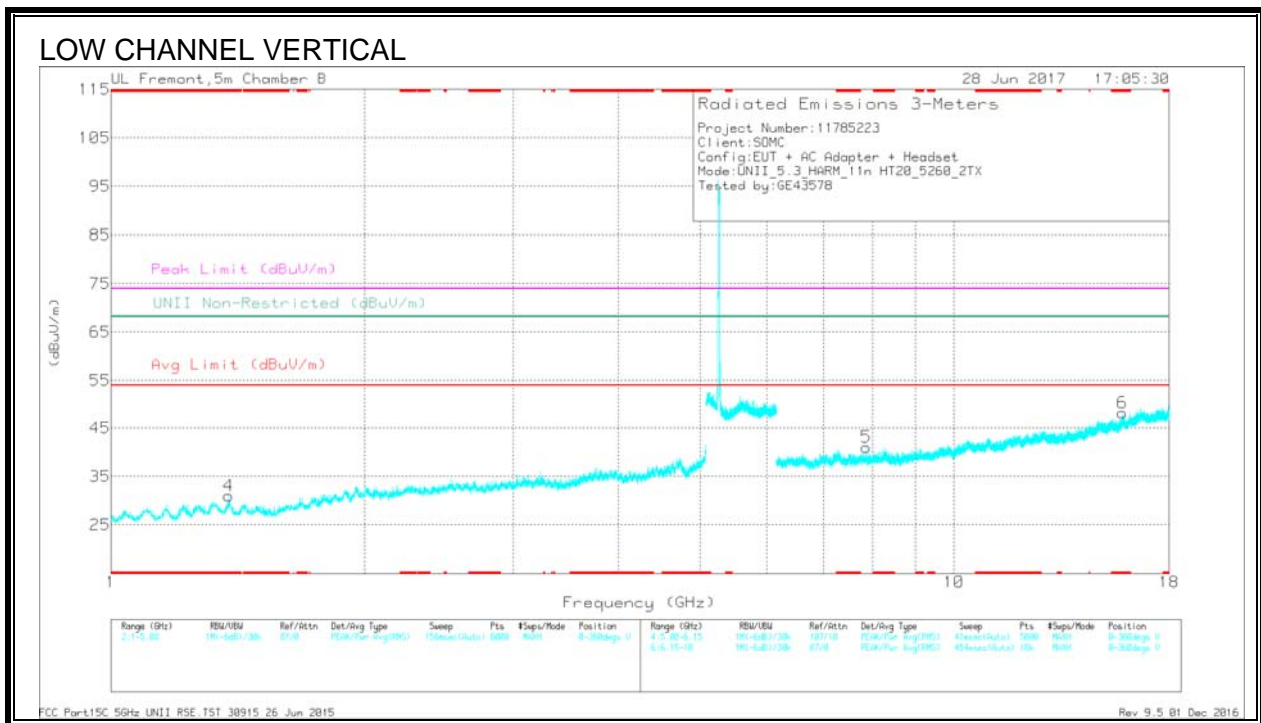
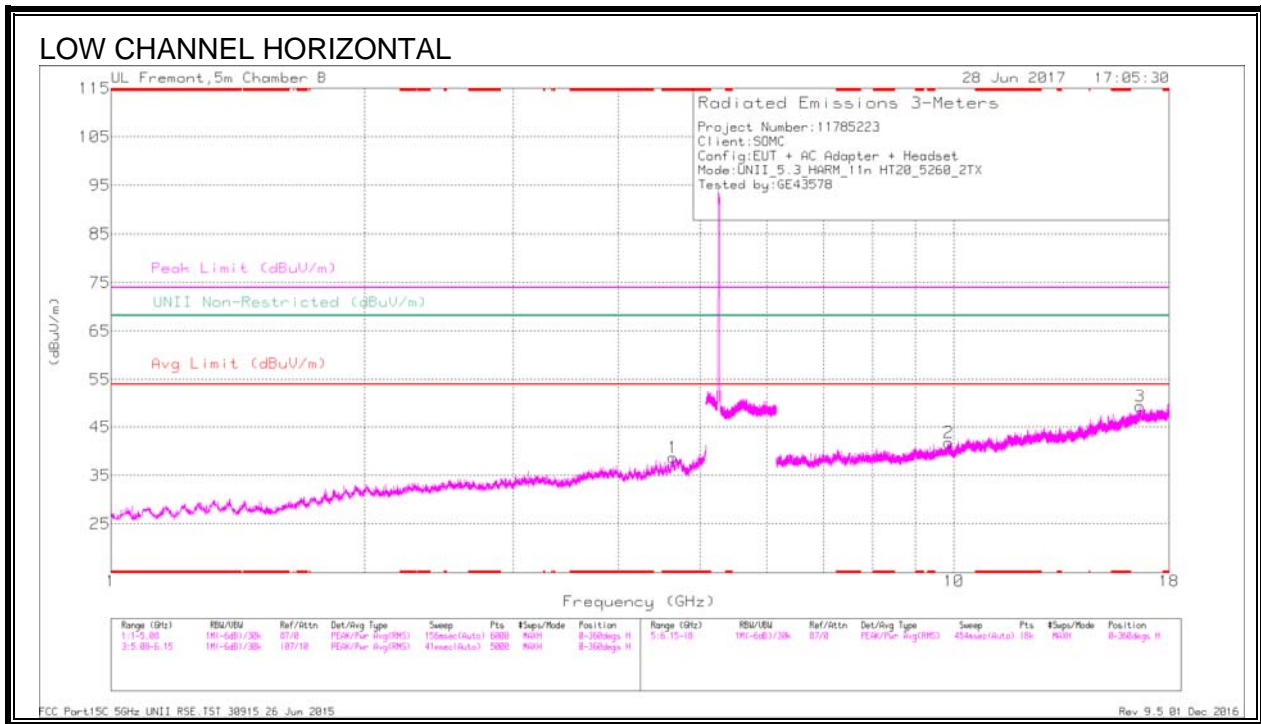
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fils/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	33.07	Pk	34.6	-18.3	0	49.37	-	-	74	-24.63	80	397	V
3	5.35	26.3	RMS	34.6	-18.3	.18	42.78	54	-11.22	-	-	80	397	V
2	* 5.384	39.08	Pk	34.6	-18.3	0	55.38	-	-	74	-18.62	80	397	V
4	* 5.451	27.45	RMS	34.7	-18.3	.18	44.03	54	-9.97	-	-	80	397	V

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

Pk - Peak detector

RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**



Radiated Emissions

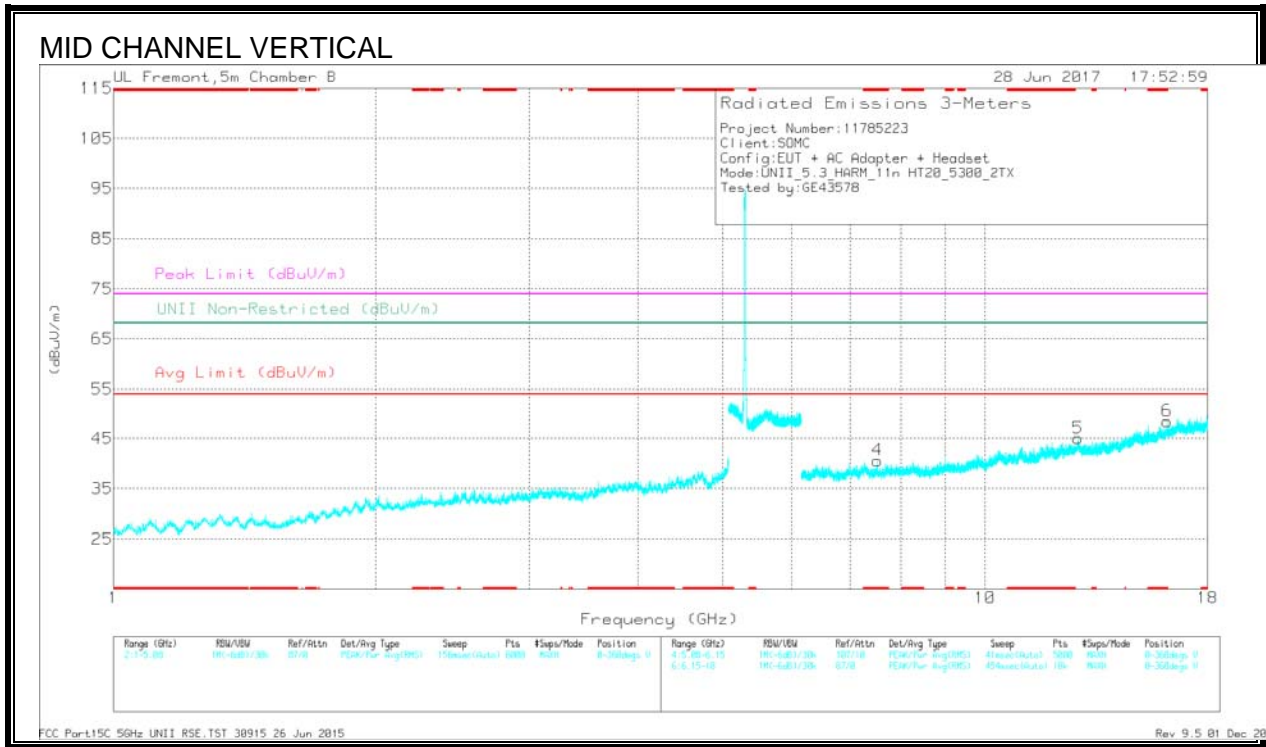
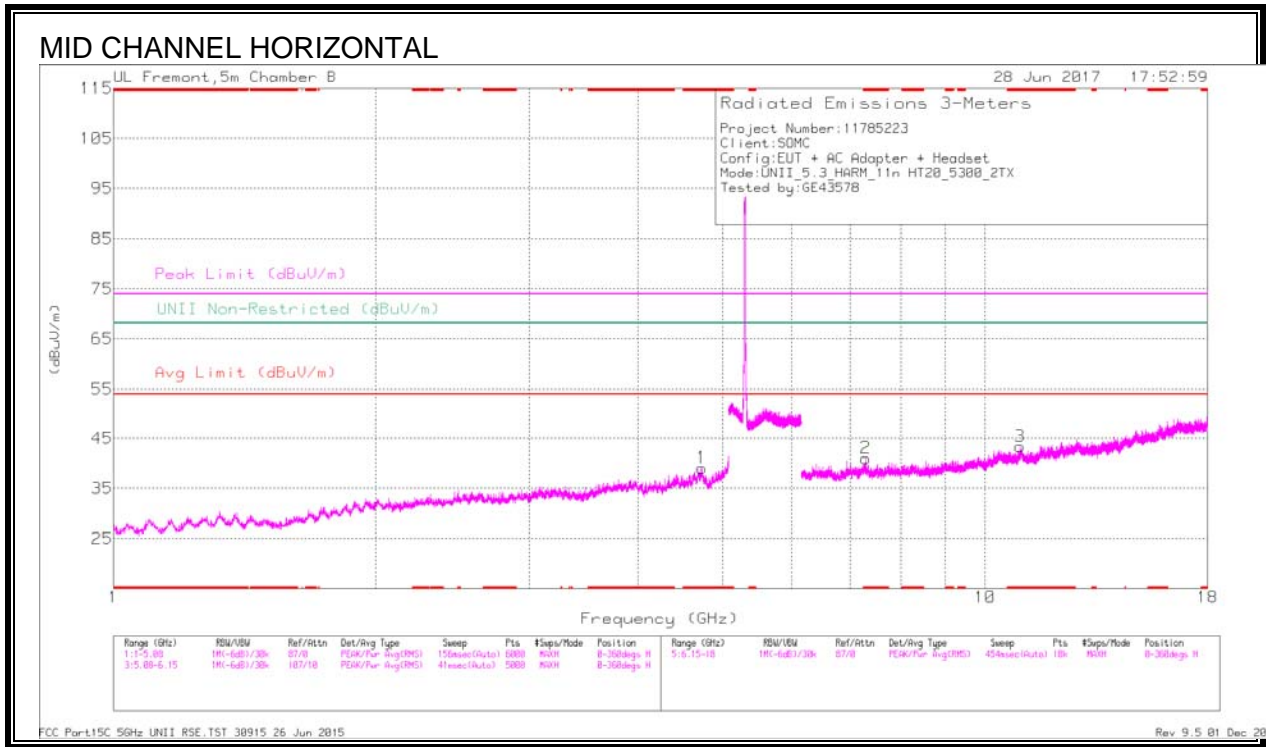
Frequency (GHz)	Meter Reading (dBuV)	Det	AF TMS3 (dB/m)	Amp/CM/Plr/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 4.637	38.44	PK-U	34.3	-28.3	0	44.44	-	-	74	-29.56	-	-	183	101	H
* 4.637	26.74	ADR	34.3	-28.3	.18	32.92	54	-21.08	-	-	-	-	183	101	H
* 1.38	41.46	PK-U	28.5	-33.3	0	36.66	-	-	74	-37.34	-	-	221	101	V
* 1.379	29.48	ADR	28.5	-33.3	.18	24.86	54	-29.14	-	-	-	-	221	101	V
* 15.853	31.9	PK-U	41	-18.8	0	54.1	-	-	74	-19.9	-	-	8	200	V
* 15.853	19.97	ADR	41	-18.7	.18	42.45	54	-11.55	-	-	-	-	8	200	V
7.869	36.49	PK-U	36	-26.2	0	46.29	-	-	-	-	68.2	-21.91	233	200	V
9.851	33.36	PK-U	37	-23.3	0	47.06	-	-	-	-	68.2	-21.14	115	101	H
16.629	31.61	PK-U	42.1	-18.5	0	55.21	-	-	-	-	68.2	-12.99	82	101	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average







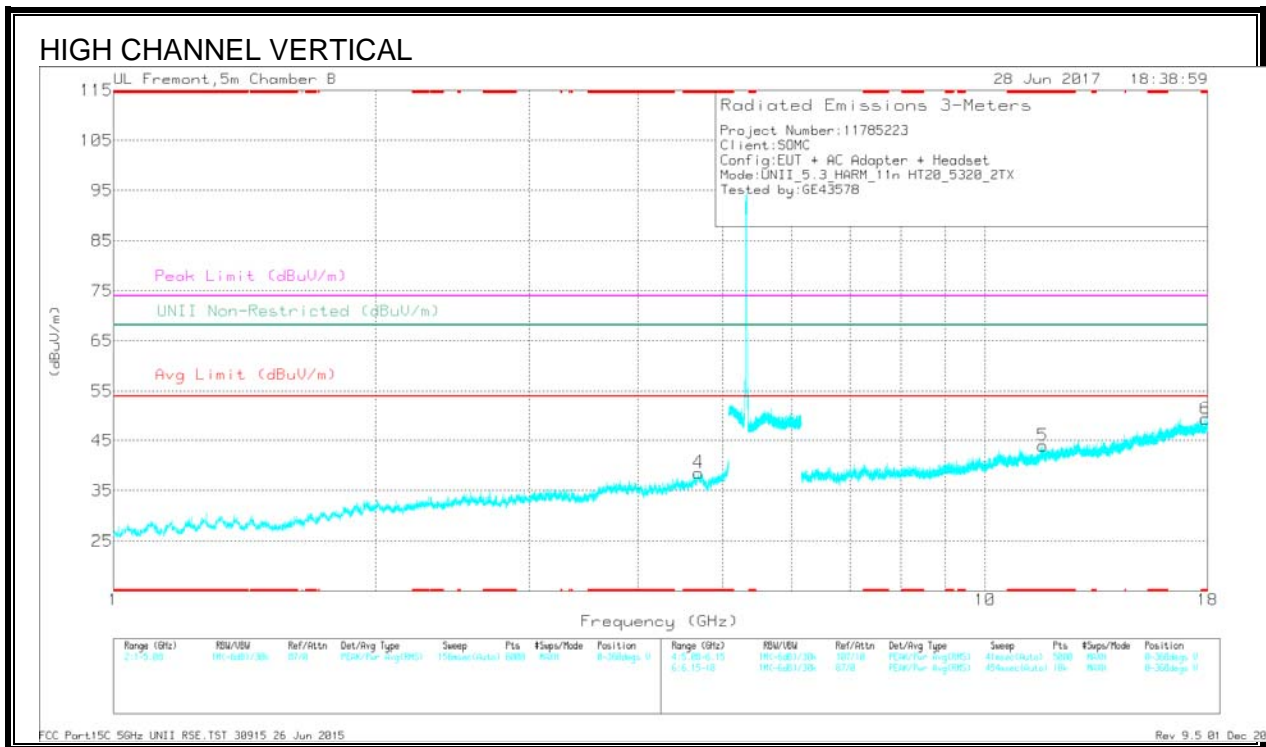
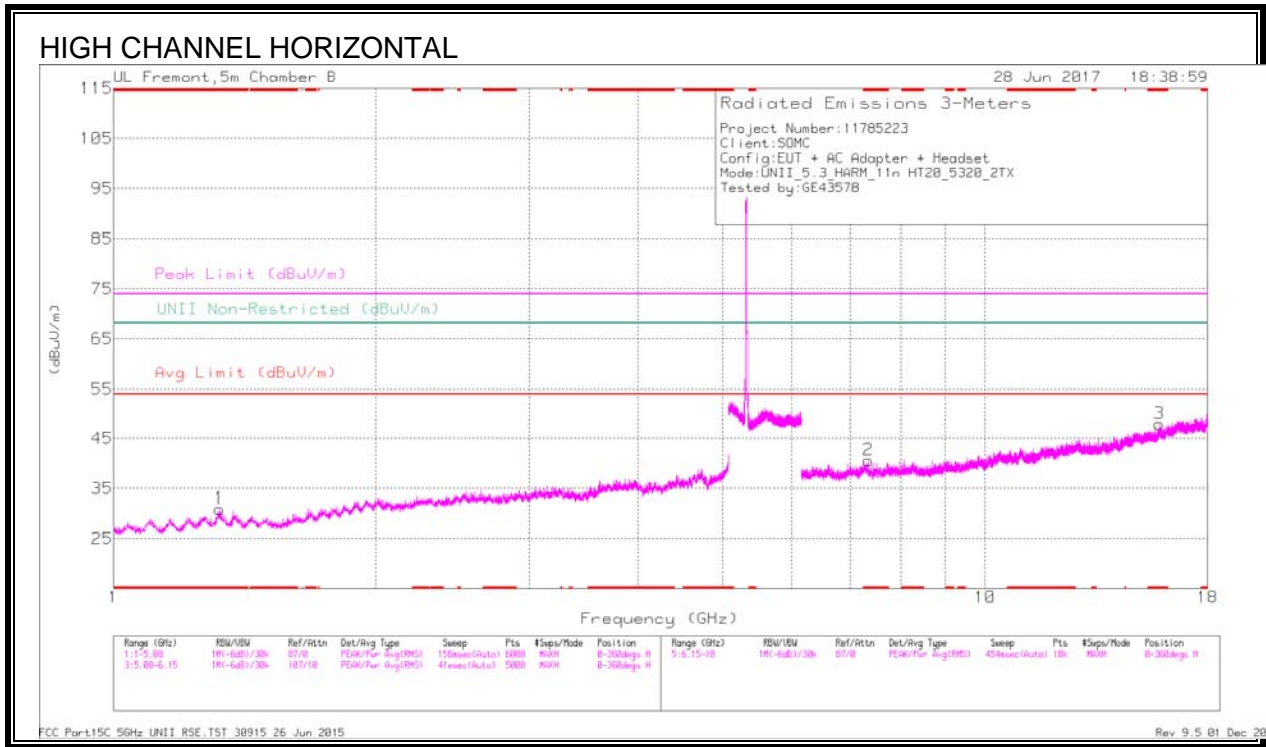
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T83 (dB/m)	Amp/Gal/FHz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.733	40.22	PK-U	34.2	-29	0	45.42	-	-	74	-28.58	-	-	59	101	H
* 4.732	28.26	ADR	34.2	-29	.18	33.64	54	-20.36	-	-	-	-	59	101	H
* 7.296	36.92	PK-U	35.8	-26	0	46.72	-	-	74	-27.28	-	-	246	101	H
* 7.295	24.71	ADR	35.8	-26	.18	34.69	54	-19.31	-	-	-	-	246	101	H
* 10.961	33.57	PK-U	37.7	-22.2	0	49.07	-	-	74	-24.93	-	-	46	199	H
* 10.962	21.51	ADR	37.7	-22.2	.18	37.19	54	-16.81	-	-	-	-	46	199	H
* 7.524	36.39	PK-U	36	-26	0	46.39	-	-	74	-27.61	-	-	99	104	V
* 7.523	24.22	ADR	36	-26	.18	34.4	54	-19.6	-	-	-	-	99	104	V
* 16.17	31.83	PK-U	41.3	-18.8	0	54.33	-	-	74	-19.67	-	-	324	104	V
* 16.17	19.78	ADR	41.3	-18.8	.18	42.46	54	-11.54	-	-	-	-	324	104	V
12.782	33.06	PK-U	39.4	-21.5	0	50.96	-	-	-	-	68.2	-17.24	310	104	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



Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF TMS3 (dB/m)	Amp/Ch/FHz/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.322	41.48	PK-U	28.9	-33.7	0	36.68	-	-	74	-37.32	-	-	66	198	H
* 1.322	29.61	ADR	28.9	-33.7	.18	24.99	54	-29.01	-	-	-	-	66	198	H
* 4.687	40.02	PK-U	34.2	-29.1	0	45.12	-	-	74	-28.88	-	-	310	198	V
* 4.688	28.01	ADR	34.2	-29.1	.18	33.29	54	-20.71	-	-	-	-	310	198	V
* 7.34	37.22	PK-U	35.9	-26.9	0	46.22	-	-	74	-27.78	-	-	66	198	H
* 7.341	25.1	ADR	35.9	-27	.18	34.18	54	-19.82	-	-	-	-	66	198	H
* 15.855	31.73	PK-U	41	-18.7	0	54.03	-	-	74	-19.97	-	-	236	104	H
* 15.855	19.85	ADR	41	-18.7	.18	42.33	54	-11.67	-	-	-	-	236	104	H
* 11.645	33.43	PK-U	38.3	-22.2	0	49.53	-	-	74	-24.47	-	-	85	104	V
* 11.646	21.32	ADR	38.3	-22.2	.18	37.6	54	-16.4	-	-	-	-	85	104	V
* 17.909	32.57	PK-U	41.6	-19	0	55.17	-	-	74	-18.83	-	-	144	200	V
* 17.91	20.21	ADR	41.6	-19	.18	42.99	54	-11.01	-	-	-	-	144	200	V

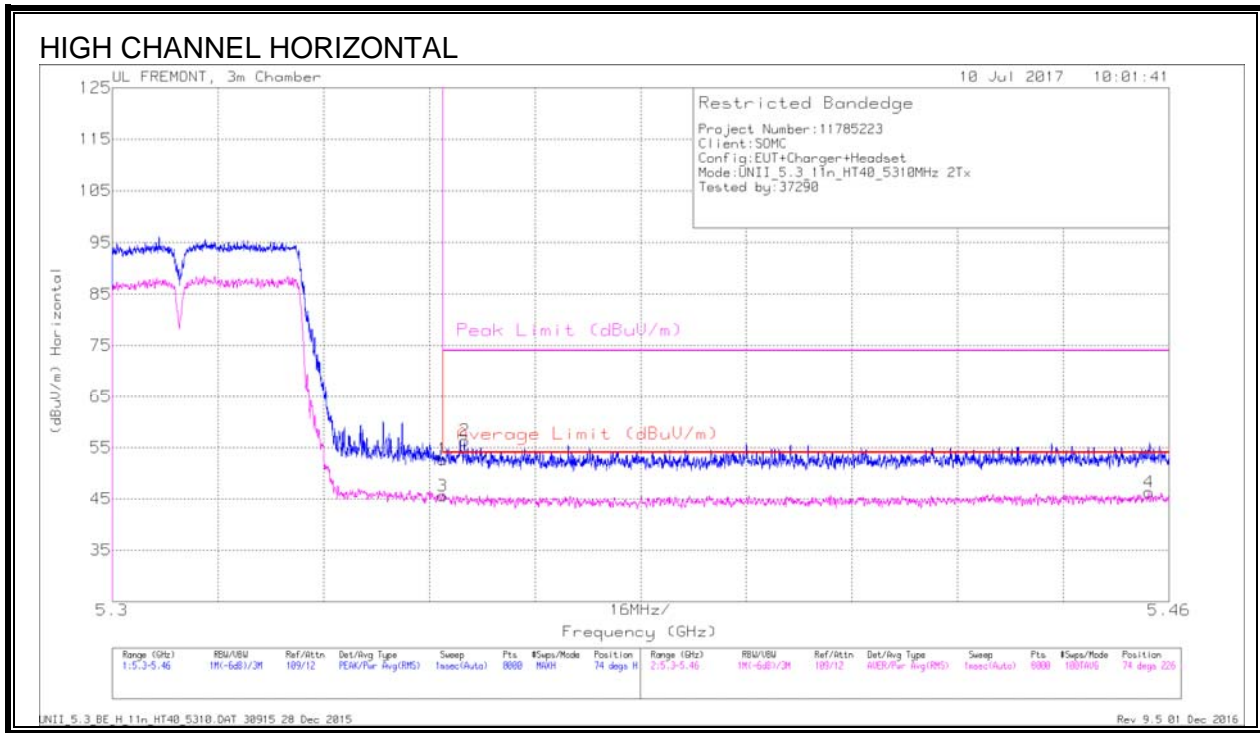
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### 11.1.7. 11n HT40 2TX CDD MIMO MODE IN THE 5.3GHz BAND

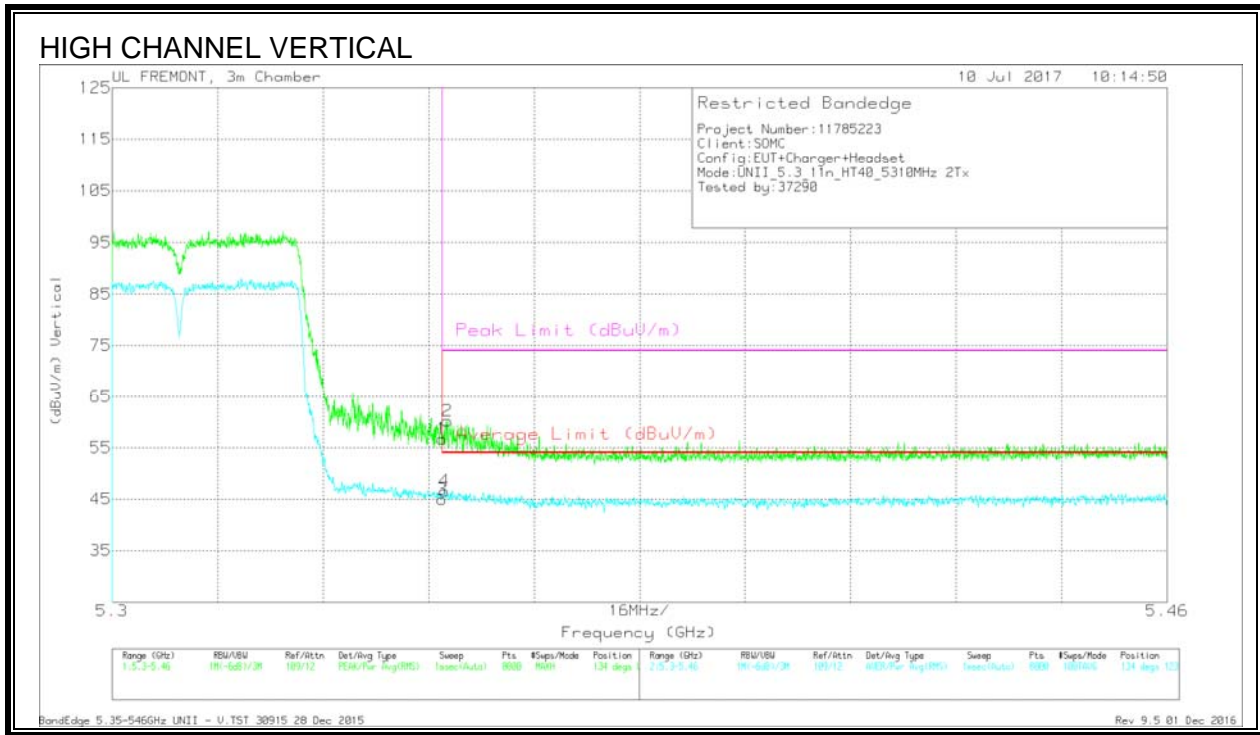
#### BANDEDGE (HIGH CHANNEL)



#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Ftr/Pad (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	37.17	Pk	34.3	-18.8	0	52.67	-	-	74	-21.33	74	226	H
3	5.35	29.67	RMS	34.3	-18.8	.39	45.56	54	-8.44	-	-	74	226	H
2	5.353	40.73	Pk	34.4	-18.8	0	56.33	-	-	74	-17.67	74	226	H
4	5.457	30.18	RMS	34.5	-18.8	.39	46.27	54	-7.73	-	-	74	226	H

Pk - Peak detector  
 RMS - RMS detection

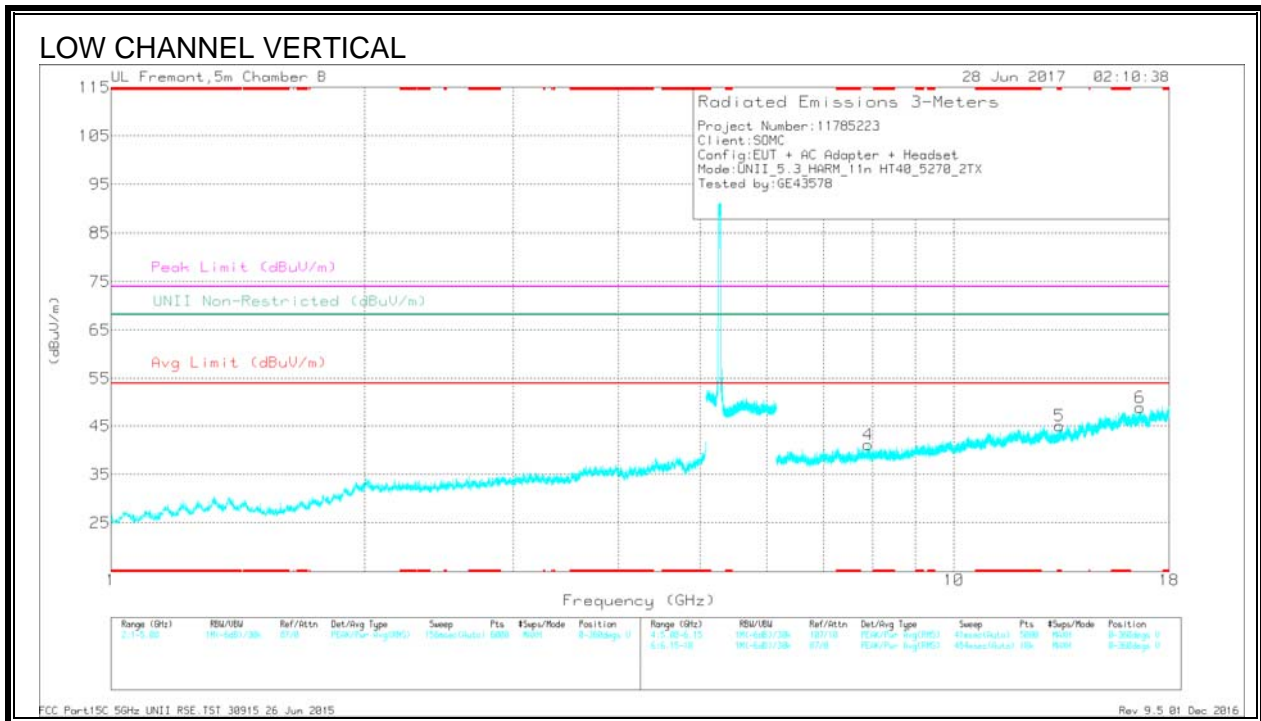
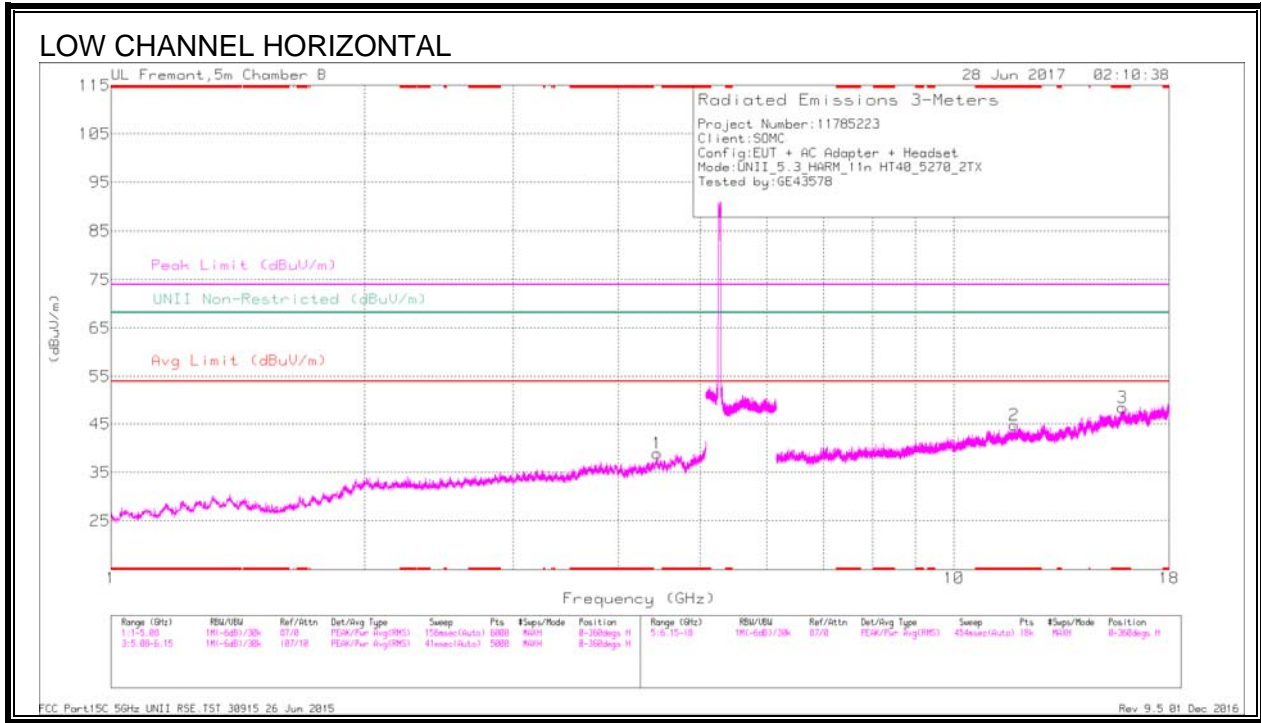


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	5.35	41.21	Pk	34.3	-18.8	0	56.71	-	-	74	-17.29	134	123	V
3	5.35	29.05	RMS	34.3	-18.8	.39	44.94	54	-9.06	-	-	134	123	V
4	5.35	30.67	RMS	34.3	-18.8	.39	46.56	54	-7.44	-	-	134	123	V
2	5.351	44.73	Pk	34.3	-18.8	0	60.23	-	-	74	-13.77	134	123	V

Pk - Peak detector  
 RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**



Radiated Emissions

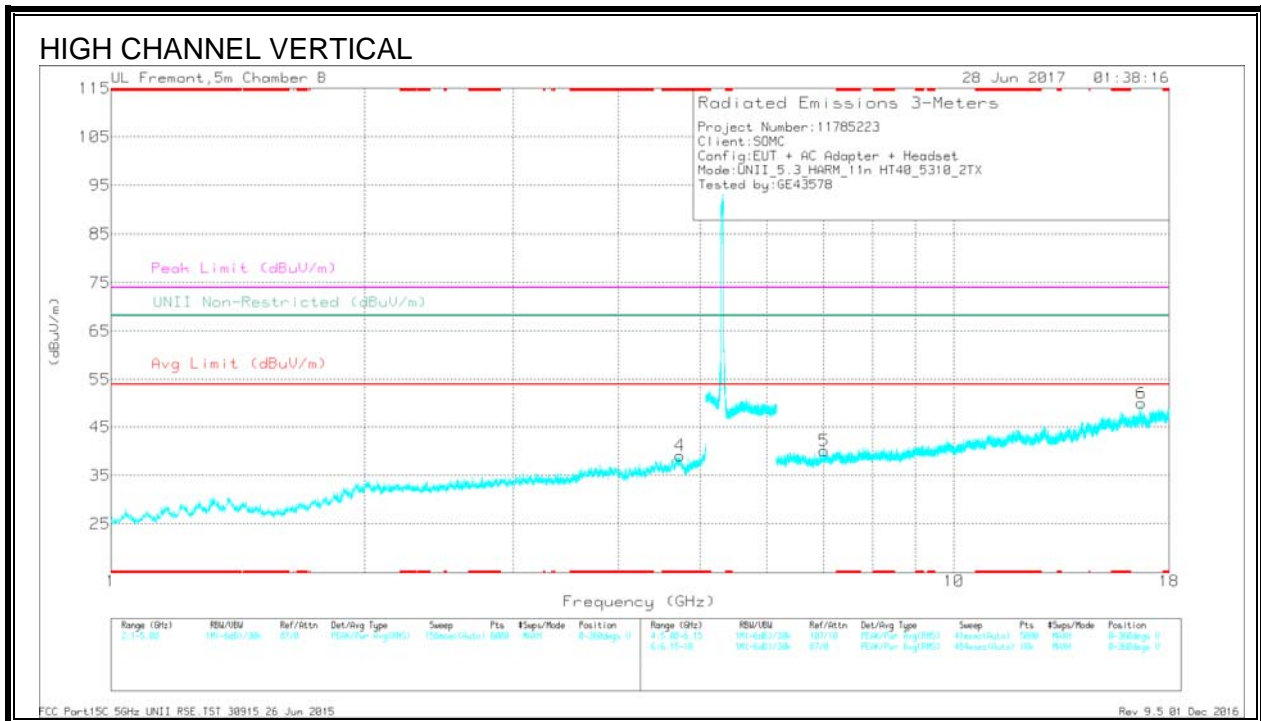
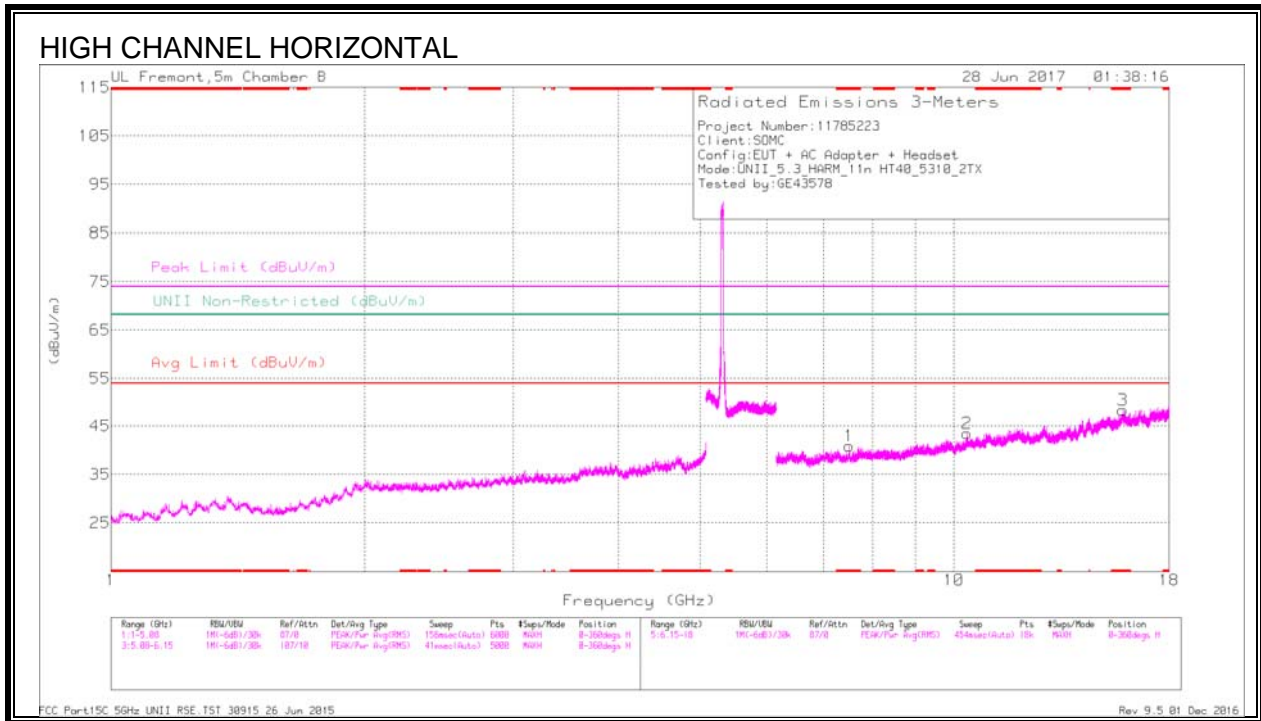
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CM/Plr/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 11.789	33.64	PK-U	39.4	-21.9	0	51.14	-	-	74	-22.86	-	-	122	101	H
* 11.789	21.71	ADR	39.4	-21.9	.39	39.6	54	-14.4	-	-	-	-	122	101	H
* 15.849	32.02	PK-U	41.6	-19	0	54.62	-	-	74	-19.38	-	-	314	199	H
* 15.849	19.87	ADR	41.6	-19	.39	42.86	54	-11.14	-	-	-	-	314	199	H
* 13.338	32.89	PK-U	39.5	-22.3	0	50.09	-	-	74	-23.91	-	-	346	104	V
* 13.338	20.94	ADR	39.5	-22.2	.39	38.63	54	-15.37	-	-	-	-	346	104	V
4.444	38.54	PK-U	34.3	-28.7	0	44.14	-	-	-	-	68.2	-24.06	164	101	H
7.905	36.2	PK-U	36.6	-26.8	0	46	-	-	-	-	68.2	-22.2	318	200	V
16.629	31.34	PK-U	41.8	-18.5	0	54.64	-	-	-	-	68.2	-13.56	277	200	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average







Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CM/Plr/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 4.734	40.45	PK-U	34.4	-29	0	45.85	-	-	74	-28.15	-	-	284	101	V
* 4.735	28.23	ADR	34.4	-29	.39	34.02	54	-19.98	-	-	-	-	284	101	V
* 7.513	36.66	PK-U	36.2	-26.4	0	46.46	-	-	74	-27.54	-	-	321	101	H
* 7.514	25.29	ADR	36.2	-26.4	.39	35.48	54	-18.52	-	-	-	-	321	101	H
* 15.858	32.29	PK-U	41.5	-18.6	0	55.19	-	-	74	-18.81	-	-	155	199	H
* 15.859	20.37	ADR	41.5	-18.6	.39	43.66	54	-10.34	-	-	-	-	155	199	H
7.016	36.39	PK-U	36.2	-26.9	0	45.69	-	-	-	-	68.2	-22.51	15	199	V
10.356	33.76	PK-U	37.7	-22.8	0	48.66	-	-	-	-	68.2	-19.54	71	199	H
16.672	30.68	PK-U	41.7	-18.9	0	53.48	-	-	-	-	68.2	-14.72	167	199	V

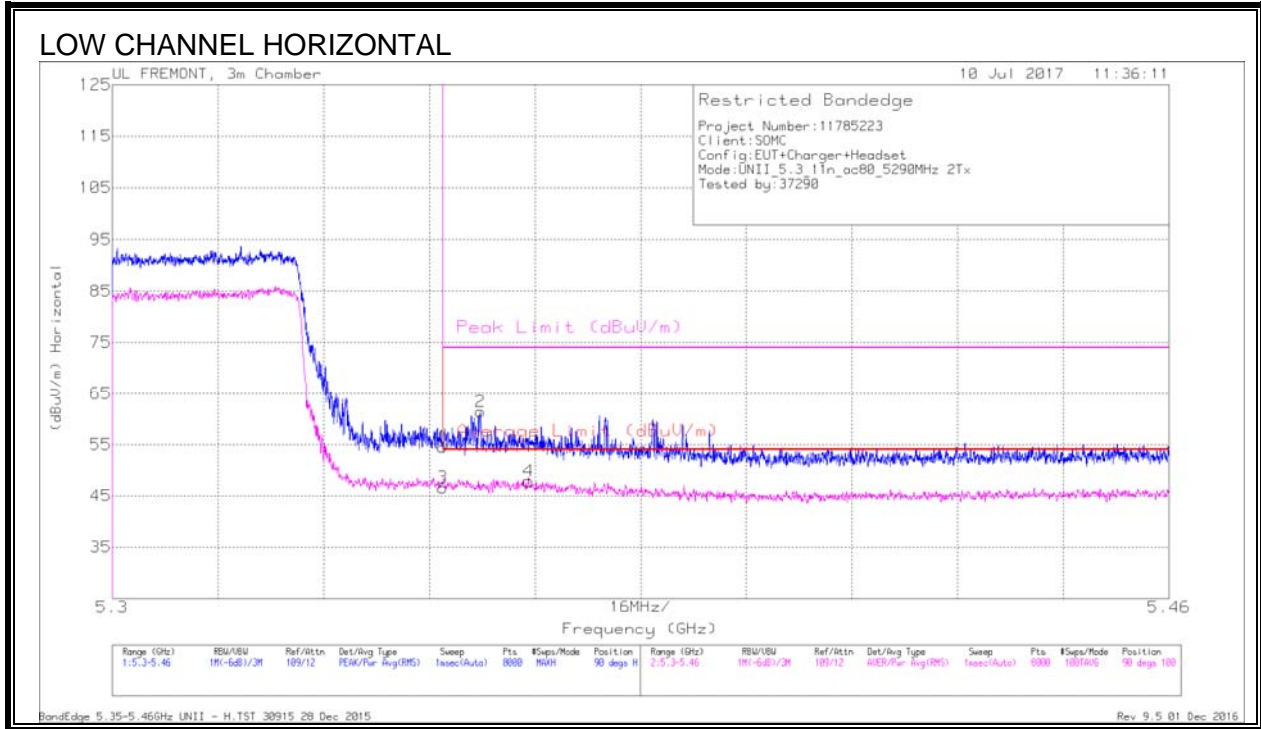
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**11.1.8. 11ac HT80 2TX CDD MIMO MODE IN THE 5.3GHz BAND**

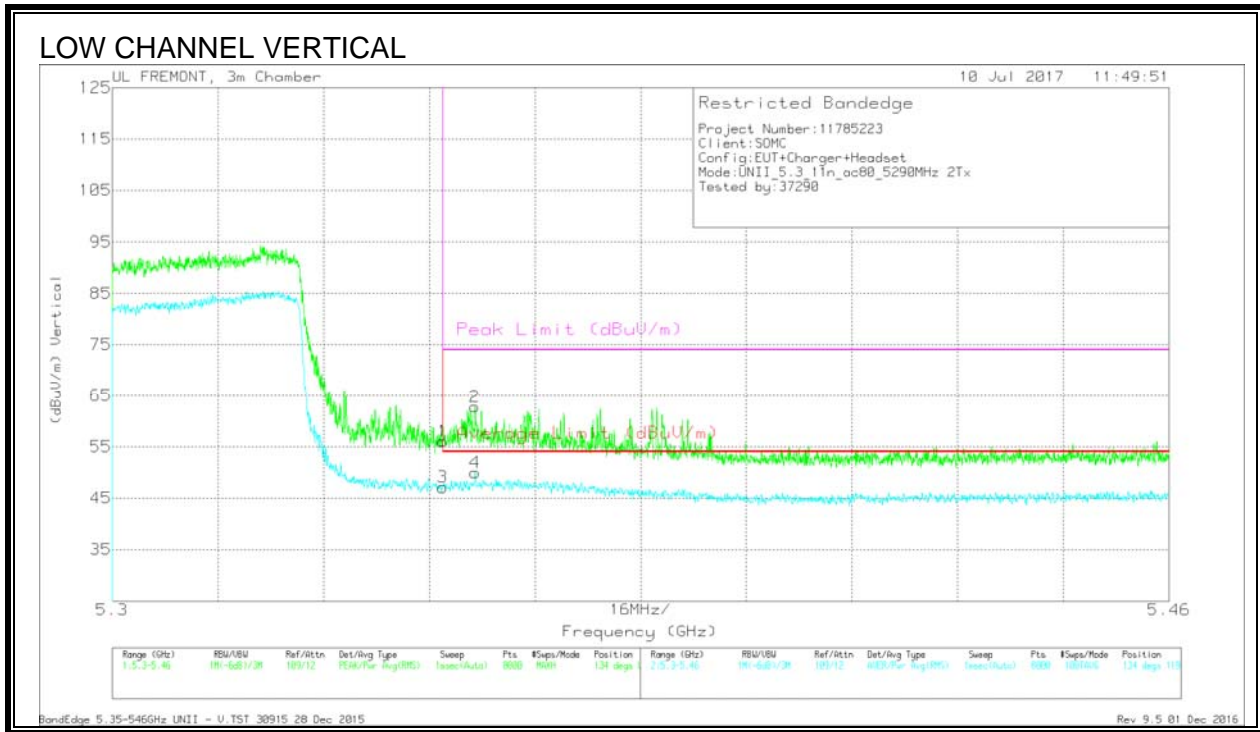
**BANDEDGE (HIGH CHANNEL)**



**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Ftr/Pad (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	39.01	Pk	34.3	-18.8	0	54.51	-	-	74	-19.49	90	100	H
3	5.35	31.08	RMS	34.3	-18.8	.72	47.3	54	-6.7	-	-	90	100	H
2	5.356	45.81	Pk	34.4	-18.8	0	61.41	-	-	74	-12.59	90	100	H
4	5.363	32.14	RMS	34.4	-18.7	.72	48.56	54	-5.44	-	-	90	100	H

Pk - Peak detector  
 RMS - RMS detection

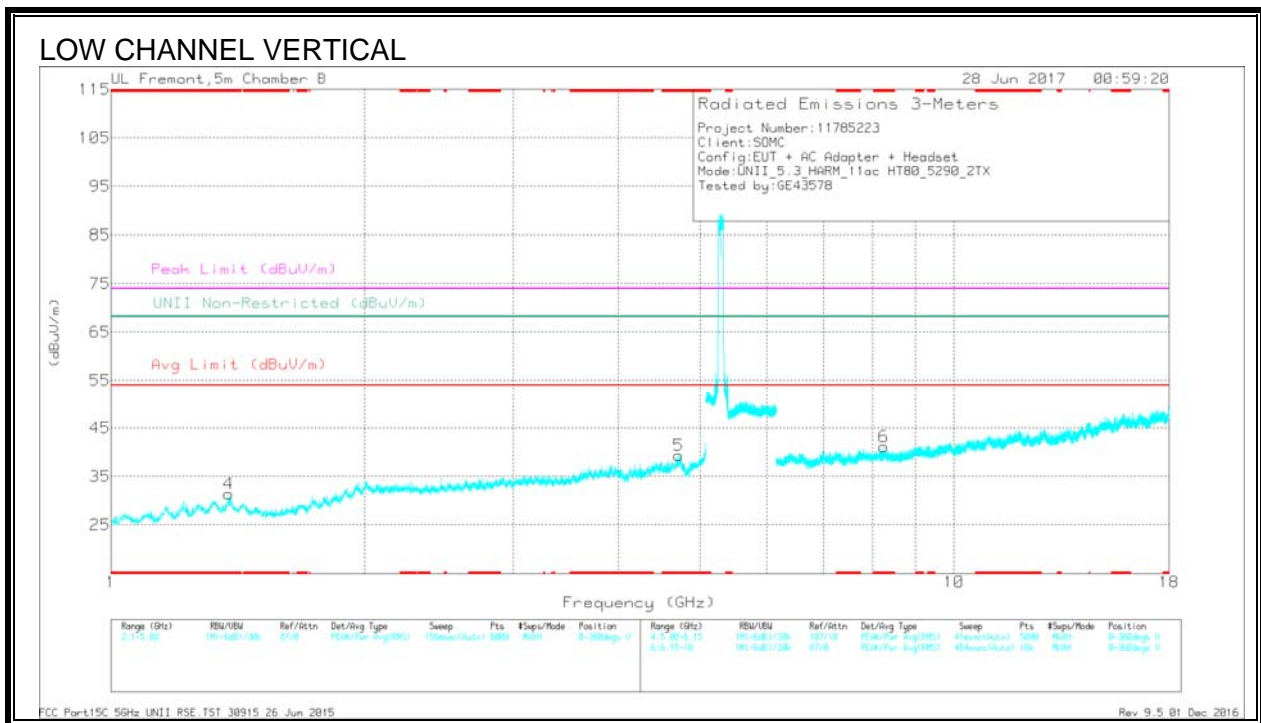
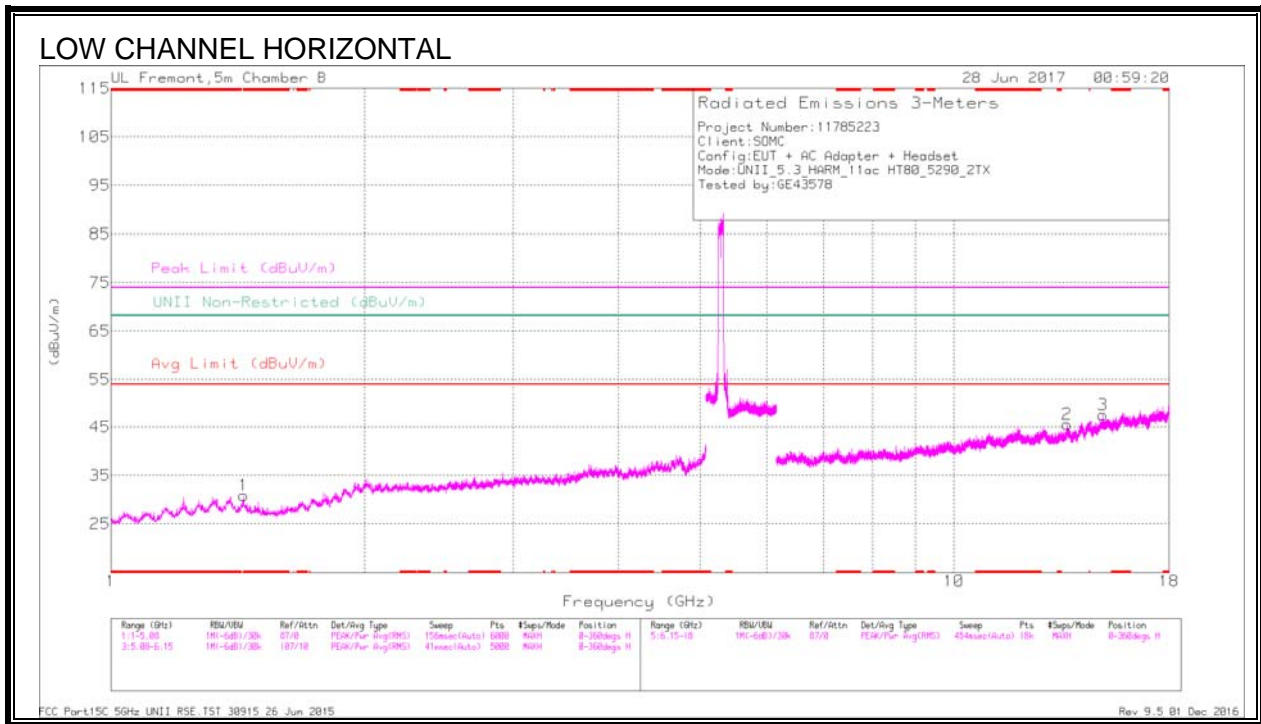


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Af T712 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
1	5.35	40.57	Pk	34.3	-18.8	0	56.07	-	-	74	-17.93	134	119	V
3	5.35	30.88	RMS	34.3	-18.8	.72	47.1	54	-6.9	-	-	134	119	V
2	5.355	47.2	Pk	34.4	-18.8	0	62.8	-	-	74	-11.2	134	119	V
4	5.355	33.63	RMS	34.4	-18.8	.72	49.95	54	-4.05	-	-	134	119	V

Pk - Peak detector  
 RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**



Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF1346 (dB/m)	Amp/CM/FHz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 1.436	41.43	PK-U	28.3	-33.4	0	36.33	-	-	74	-37.67	-	-	250	101	H
* 1.436	29.35	ADR	28.4	-33.4	-72	25.07	54	-28.93	-	-	-	-	250	101	H
* 1.379	41.69	PK-U	28.8	-33.3	0	37.19	-	-	74	-36.81	-	-	213	200	V
* 1.379	29.61	ADR	28.8	-33.3	-72	25.83	54	-28.17	-	-	-	-	213	200	V
* 4.714	40.18	PK-U	34.4	-29.3	0	45.28	-	-	74	-28.72	-	-	309	200	V
* 4.713	27.86	ADR	34.4	-29.3	-72	33.68	54	-20.32	-	-	-	-	309	200	V
* 8.251	37.4	PK-U	36.5	-26.4	0	47.5	-	-	74	-26.5	-	-	228	200	V
* 8.252	24.84	ADR	36.5	-26.4	-72	35.66	54	-18.34	-	-	-	-	228	200	V
13.614	33.36	PK-U	39.6	-22	0	50.96	-	-	-	-	68.2	-17.24	130	200	H
15.015	32.31	PK-U	41.3	-21.3	0	52.31	-	-	-	-	68.2	-15.89	9	200	H

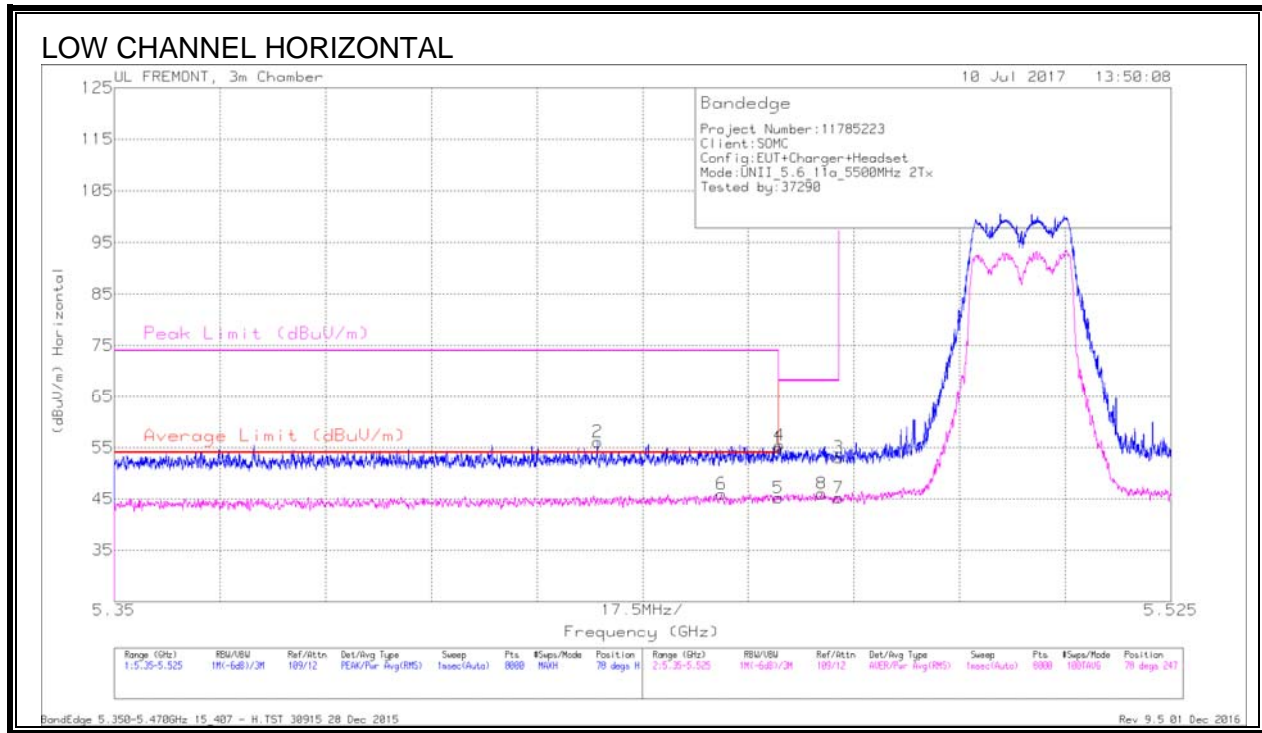
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### 11.1.9. 11a 2TX CDD MIMO MODE IN THE 5.6GHZ BAND

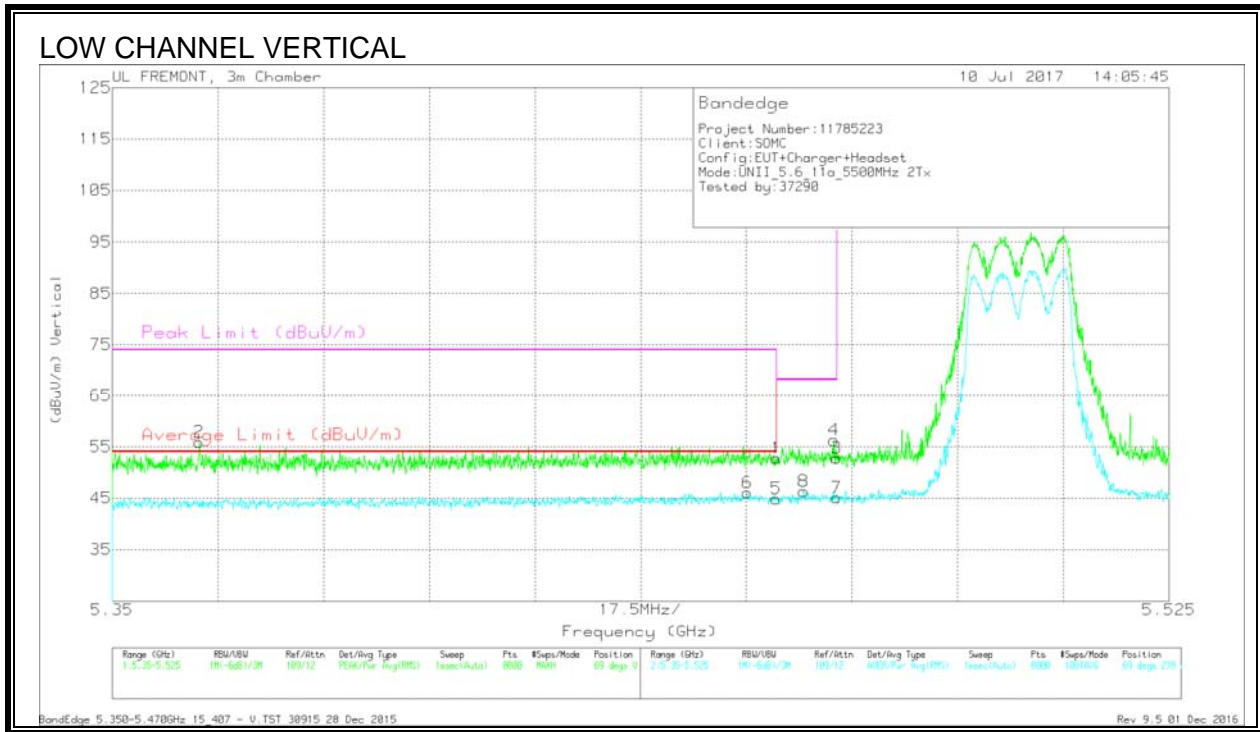
#### BANDEDGE (LOW CHANNEL)



#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Ftr/Pad (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
2	5.43	40.52	Pk	34.4	-18.8	0	56.12	-	-	74	-17.88	78	247	H
6	5.451	30.11	RMS	34.5	-18.9	.24	45.95	54	-8.05	-	-	78	247	H
1	5.46	39.35	Pk	34.5	-18.9	0	54.95	-	-	74	-19.05	78	247	H
4	5.46	39.85	Pk	34.5	-18.9	0	55.45	-	-	68.2	-12.75	78	247	H
5	5.46	29.36	RMS	34.5	-18.9	.24	45.2	54	-8.8	-	-	78	247	H
8	5.467	30.06	RMS	34.5	-18.8	.24	46	-	-	-	-	78	247	H
3	5.47	37.45	Pk	34.5	-18.9	0	53.05	-	-	68.2	-15.15	78	247	H
7	5.47	29.35	RMS	34.5	-18.9	.24	45.19	-	-	-	-	78	247	H

Pk - Peak detector  
 RMS - RMS detection

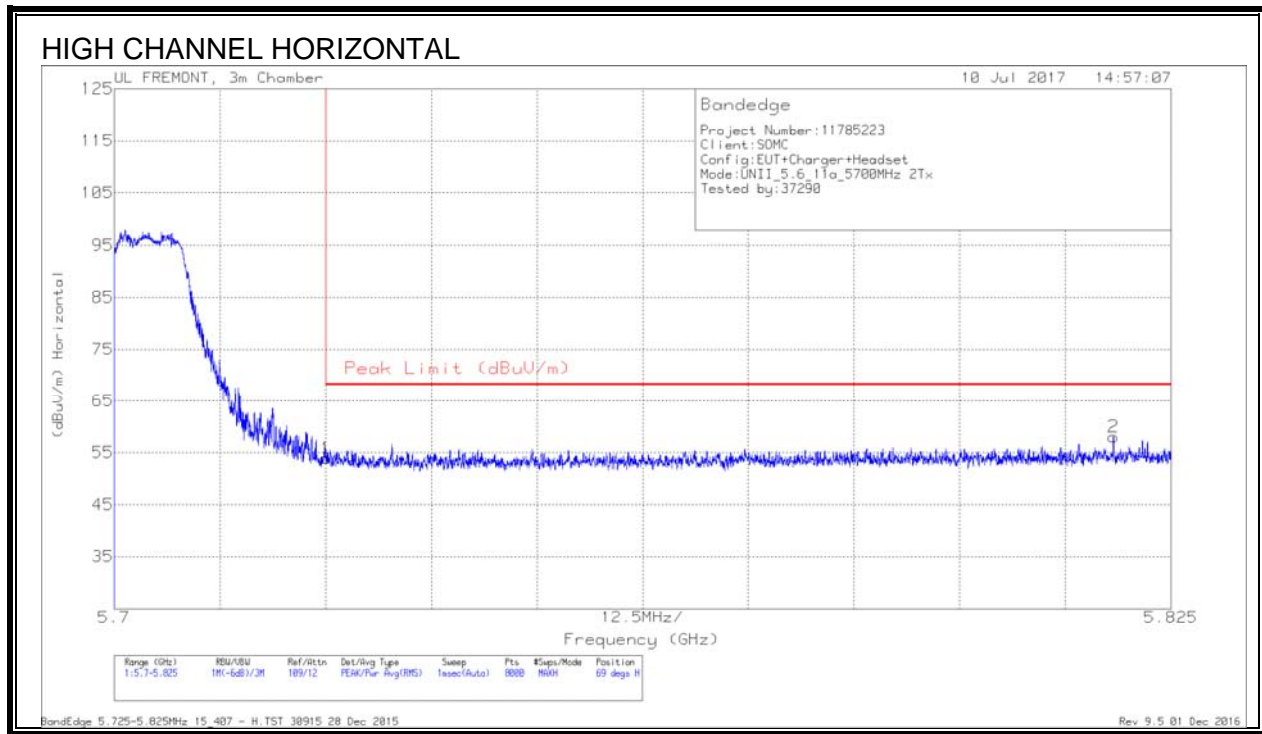


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Af T712 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
2	5.364	40.27	Pk	34.4	-18.8	0	55.87	-	-	74	-18.13	69	278	V
6	5.455	30.12	RMS	34.5	-18.8	.24	46.06	54	-7.94	-	-	69	278	V
1	5.46	37.17	Pk	34.5	-18.9	0	52.77	-	-	74	-21.23	69	278	V
5	5.46	29.04	RMS	34.5	-18.9	.24	44.88	54	-9.12	-	-	69	278	V
8	5.464	30.47	RMS	34.5	-18.9	.24	46.31	-	-	-	-	69	278	V
4	5.469	40.66	Pk	34.5	-18.9	0	56.26	-	-	68.2	-11.94	69	278	V
3	5.47	37.18	Pk	34.5	-18.9	0	52.78	-	-	68.2	-15.42	69	278	V
7	5.47	29.21	RMS	34.5	-18.9	.24	45.05	-	-	-	-	69	278	V

Pk - Peak detector  
 RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

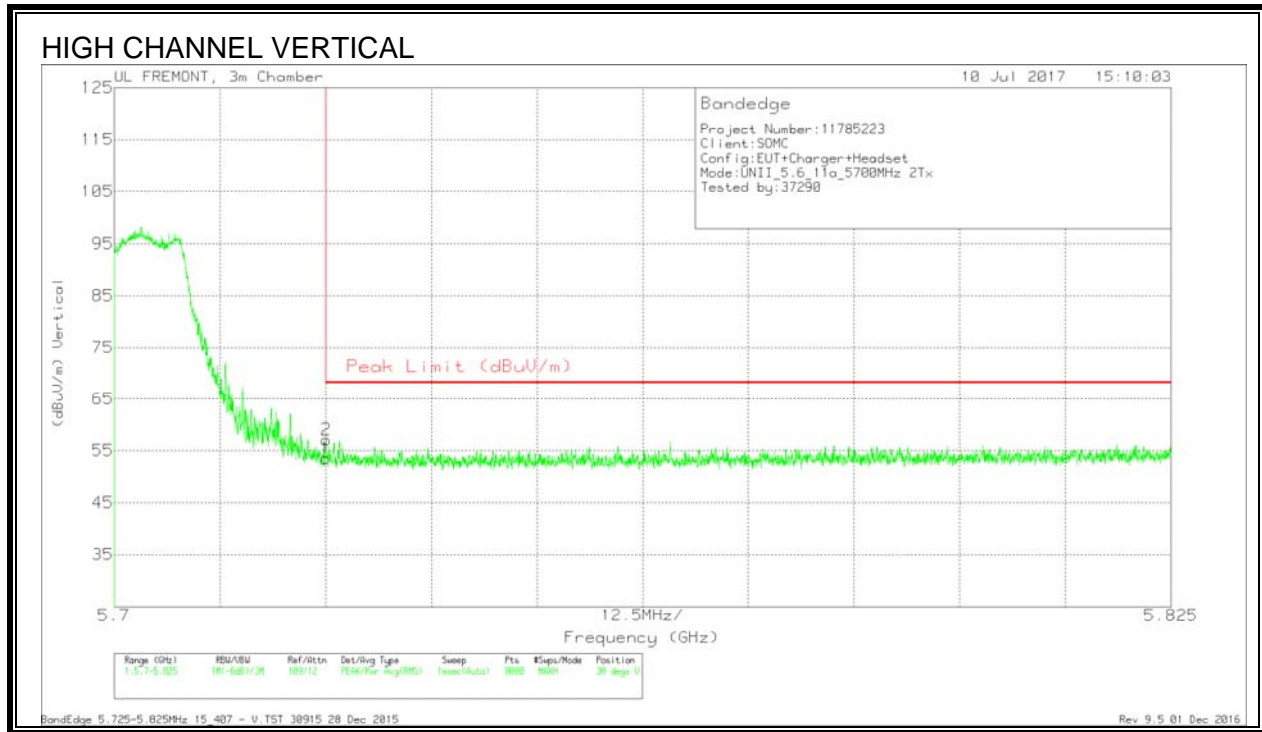


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Parad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.1	Pk	34.7	-18.9	0	53.9	68.2	-14.3	69	123	H
2	5.818	41.74	Pk	34.8	-18.5	0	58.04	68.2	-10.16	69	123	H

Pk - Peak detector



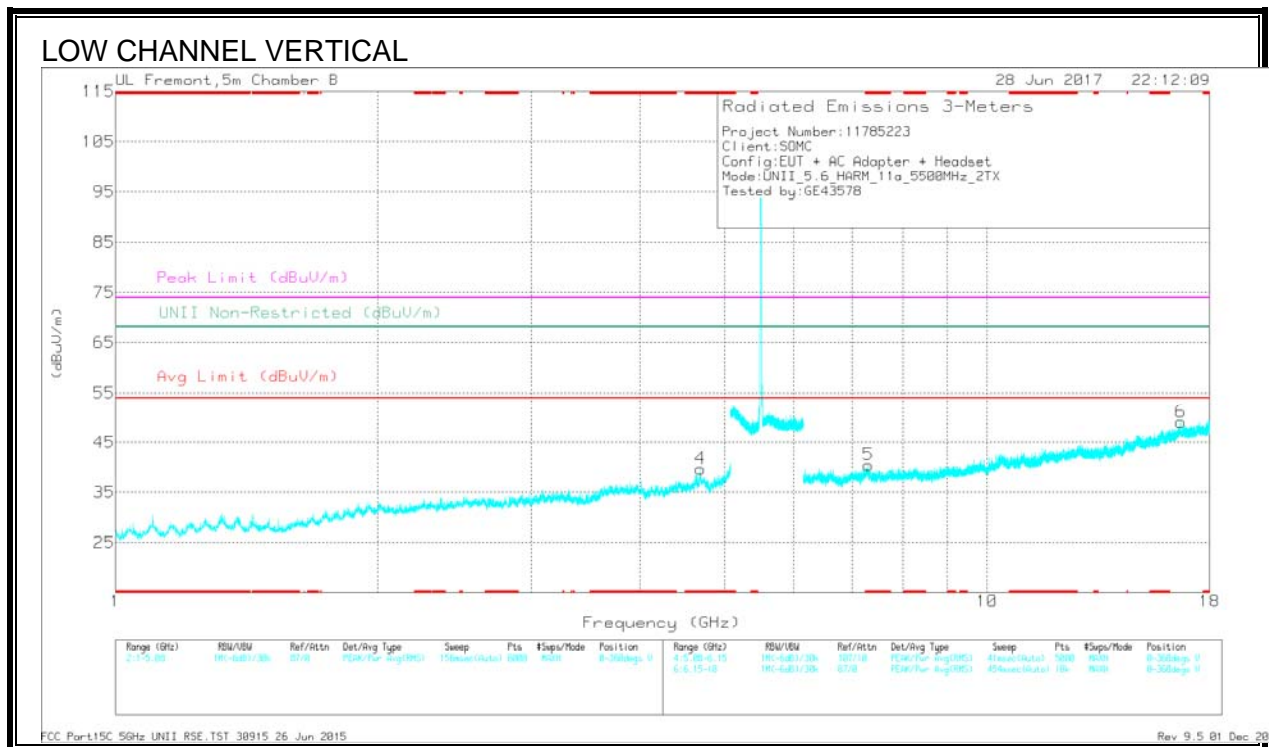
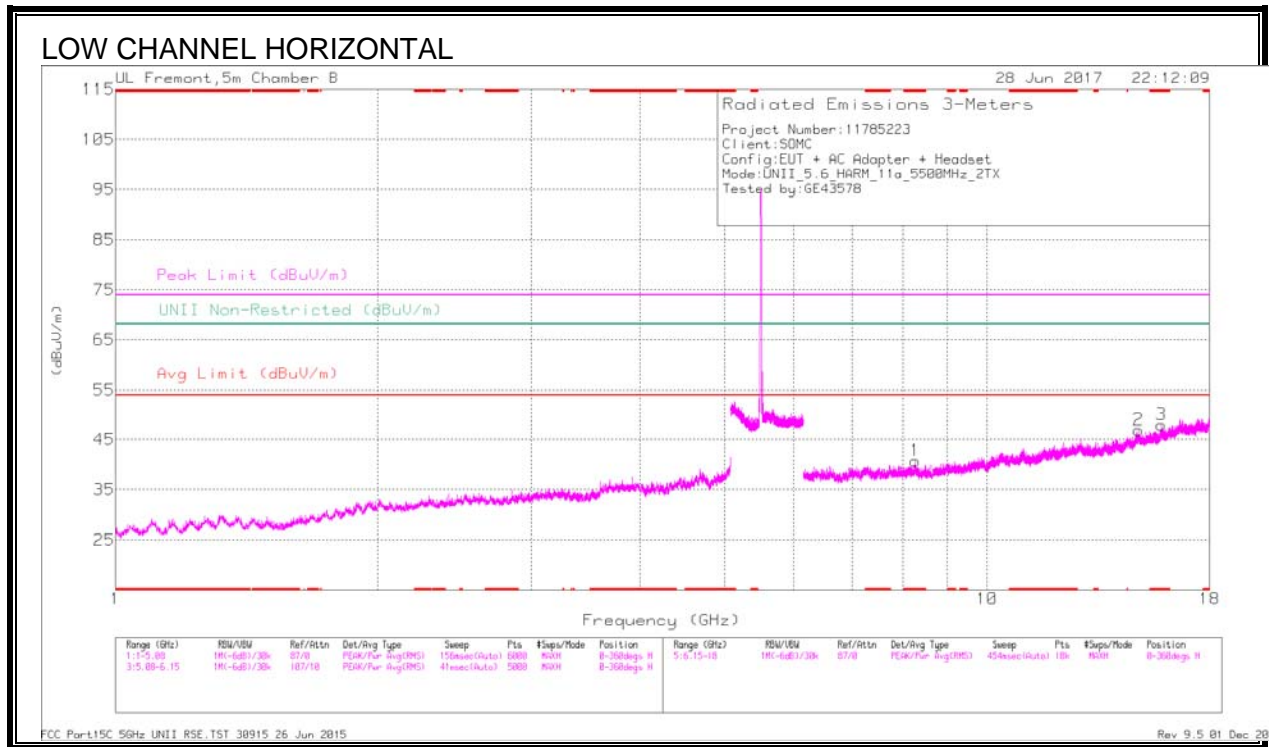


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Parad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.71	Pk	34.7	-18.9	0	53.51	68.2	-14.69	38	333	V
2	5.725	41.28	Pk	34.7	-18.9	0	57.08	68.2	-11.12	38	333	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**



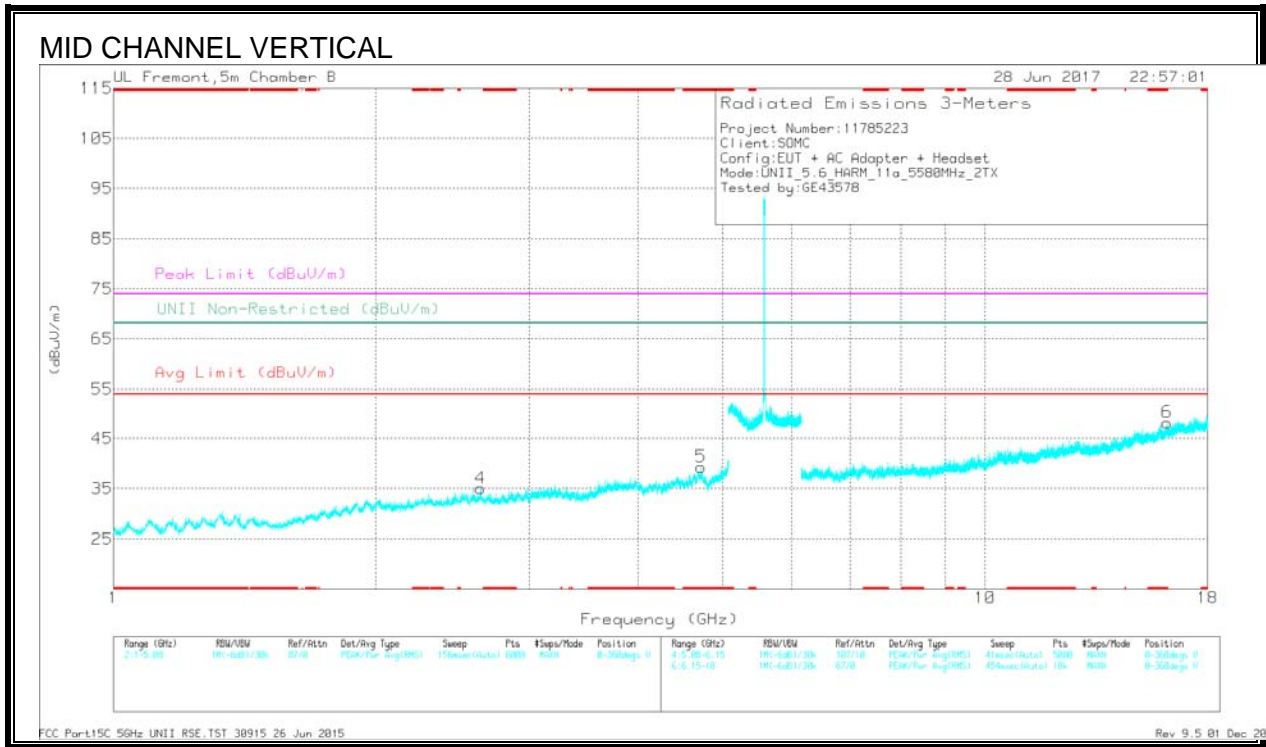
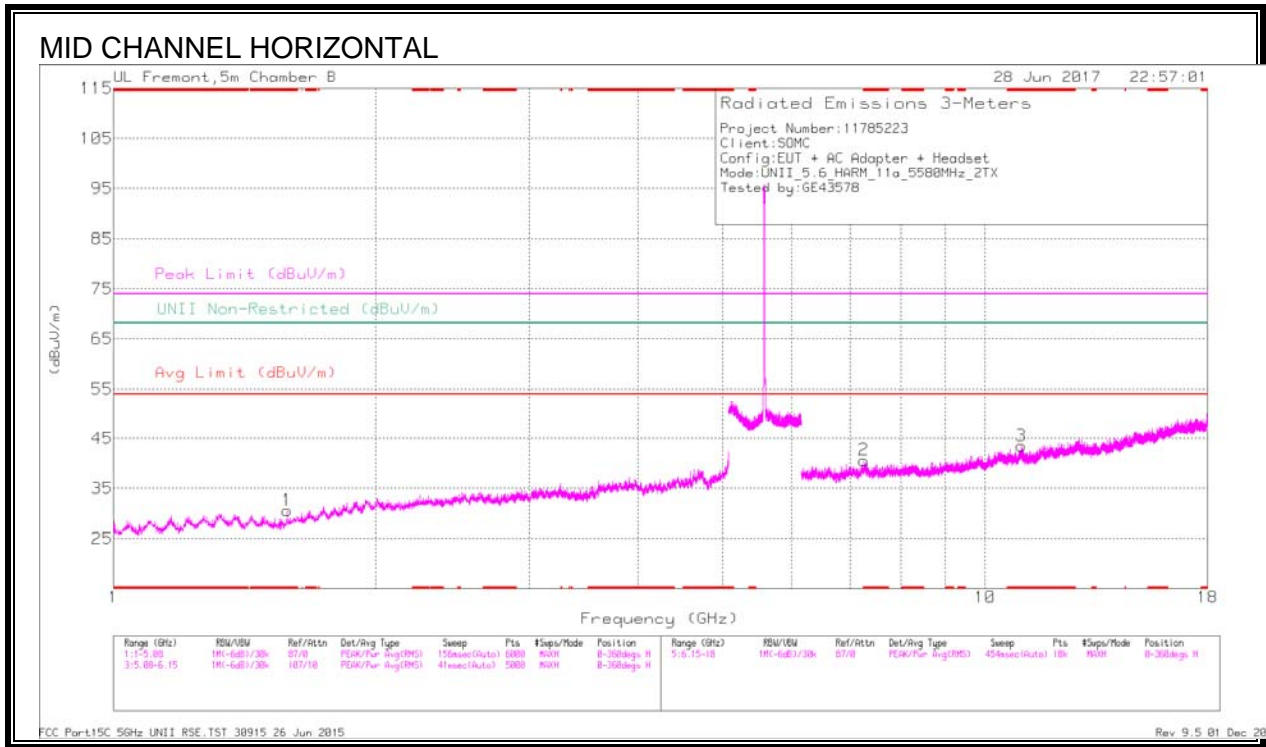
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF TBE3 (dB/m)	Amp/Ch/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.691	39.76	PK-U	34.2	-29	0	44.96	-	-	74	-29.04	-	-	341	101	V
* 4.689	27.99	ADR	34.2	-29.1	.24	33.33	54	-20.67	-	-	-	-	341	101	V
* 8.273	36.12	PK-U	36.1	-25.7	0	46.52	-	-	74	-27.48	-	-	267	199	H
* 8.272	24.12	ADR	36.1	-25.6	.24	34.86	54	-19.14	-	-	-	-	267	199	H
* 15.853	32.02	PK-U	41	-18.7	0	54.32	-	-	74	-19.68	-	-	180	104	H
* 15.855	19.87	ADR	41	-18.7	.24	42.41	54	-11.59	-	-	-	-	180	104	H
* 7.304	36.42	PK-U	35.8	-26	0	46.22	-	-	74	-27.78	-	-	320	104	V
* 7.303	24.3	ADR	35.8	-26.1	.24	34.24	54	-19.76	-	-	-	-	320	104	V
14.928	32.33	PK-U	40.6	-21.1	0	51.83	-	-	-	-	68.2	-16.37	242	104	H
16.681	31.76	PK-U	42.2	-19.4	0	54.56	-	-	-	-	68.2	-13.64	43	104	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



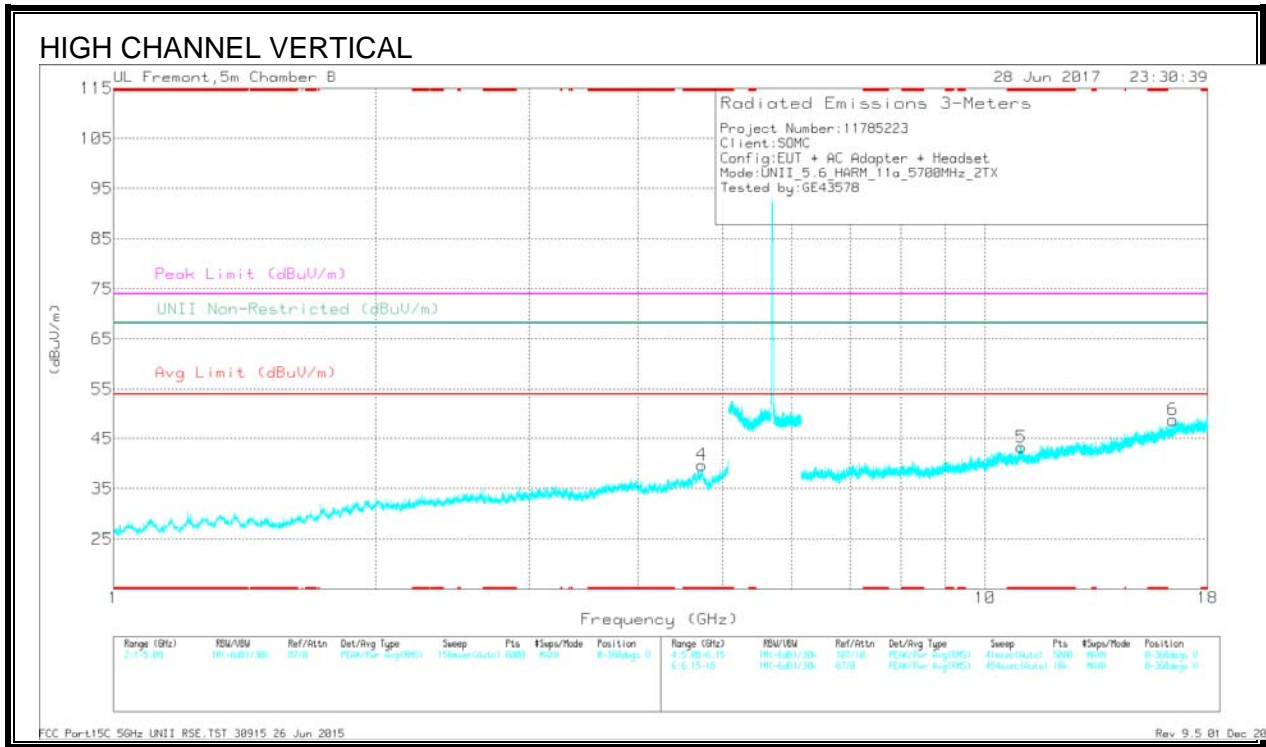
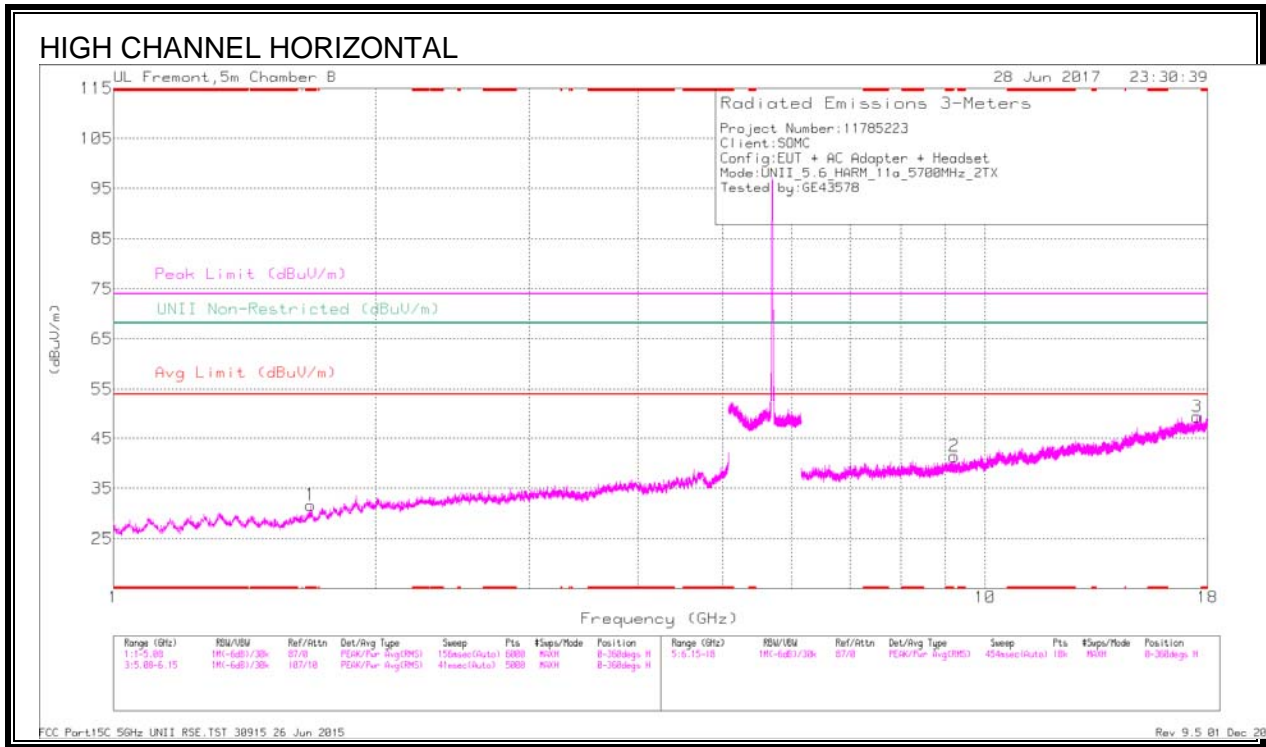
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T83 (dB/m)	Amp/Ch/Fit/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.581	41.12	PK-U	28.1	-33.6	0	35.62	-	-	74	-38.38	-	-	54	101	H
* 1.583	28.96	ADR	28.1	-33.6	.24	23.7	54	-30.3	-	-	-	-	54	101	H
* 4.725	40.06	PK-U	34.2	-29.1	0	45.16	-	-	74	-28.84	-	-	290	199	V
* 4.725	27.94	ADR	34.2	-29.1	.24	33.28	54	-20.72	-	-	-	-	290	199	V
* 7.265	36	PK-U	35.8	-25.3	0	46.5	-	-	74	-27.5	-	-	323	104	H
* 7.264	23.95	ADR	35.8	-25.3	.24	34.69	54	-19.31	-	-	-	-	323	104	H
* 11.004	33.08	PK-U	37.7	-21.5	0	49.28	-	-	74	-24.72	-	-	274	104	H
* 11.004	21.85	ADR	37.7	-21.5	.24	38.29	54	-15.71	-	-	-	-	274	104	H
* 16.174	31.45	PK-U	41.3	-19.2	0	53.55	-	-	74	-20.45	-	-	71	199	V
* 16.174	20.72	ADR	41.3	-19.2	.24	42.96	54	-11.04	-	-	-	-	71	199	V
2.638	39.66	PK-U	32.5	-31.6	0	40.56	-	-	-	-	68.2	-27.64	224	101	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



Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T83 (dB/m)	Amp/Ch/FHz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.685	40.7	PK-U	28.9	-32.5	0	37.1	-	-	74	-36.9	-	-	308	101	H
* 1.683	28.73	ADR	28.9	-32.5	.24	25.37	54	-28.63	-	-	-	-	308	101	H
* 4.729	40.01	PK-U	34.2	-29	0	45.21	-	-	74	-28.79	-	-	279	101	V
* 4.729	28.14	ADR	34.2	-29.1	.24	33.48	54	-20.52	-	-	-	-	279	101	V
* 11.005	33.5	PK-U	37.7	-21.6	0	49.6	-	-	74	-24.4	-	-	159	104	V
* 11.006	21.33	ADR	37.7	-21.7	.24	37.57	54	-16.43	-	-	-	-	159	104	V
9.216	34.54	PK-U	36.4	-25	0	45.94	-	-	-	-	68.2	-22.26	330	101	H
16.434	32.01	PK-U	41.5	-19.9	0	53.61	-	-	-	-	68.2	-14.59	297	200	V
17.506	31.96	PK-U	41.7	-18.8	0	54.86	-	-	-	-	68.2	-13.34	349	101	H

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

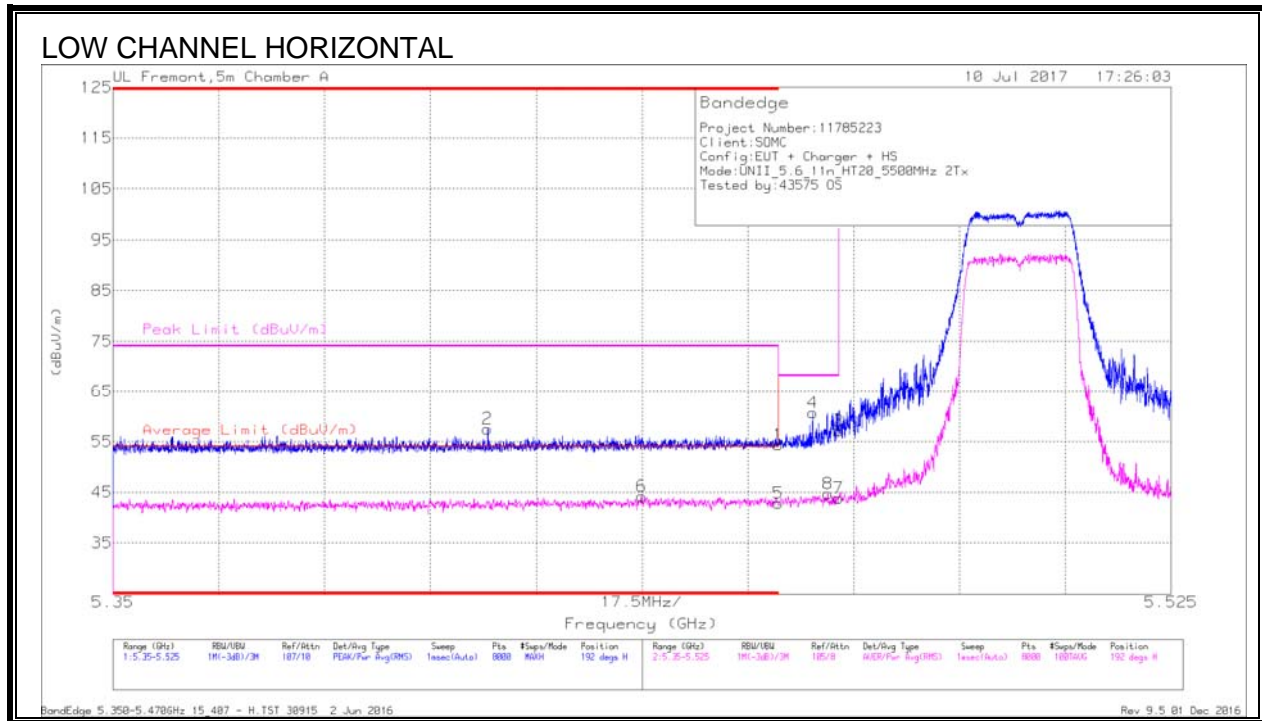
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



### 11.1.10. 11n HT20 2TX CDD MIMO MODE IN THE 5.6GHz BAND

#### BANDEDGE (LOW CHANNEL)



#### Trace Markers

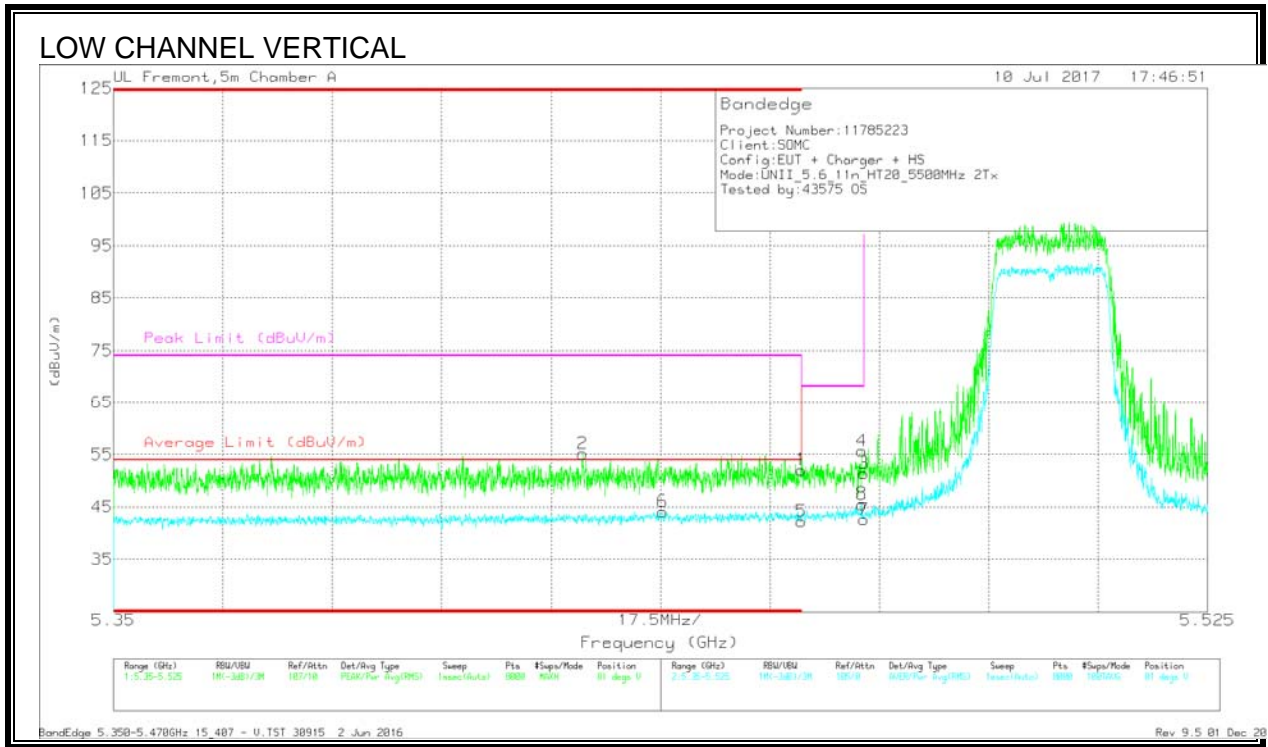
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT862 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.09	Pk	34.7	-18.4	0	54.39	-	-	74	-19.61	192	118	H
2	* 5.412	41.15	Pk	34.7	-18.3	0	57.55	-	-	74	-16.45	192	118	H
5	* 5.46	26.32	RMS	34.7	-18.4	.18	42.8	54	-11.2	-	-	192	118	H
6	* 5.437	27.67	RMS	34.7	-18.3	.18	44.25	54	-9.75	-	-	192	118	H
4	5.466	44.27	Pk	34.7	-18.2	0	60.77	-	-	68.2	-7.43	192	118	H
8	5.468	27.92	RMS	34.8	-18.2	.18	44.7	-	-	-	-	192	118	H
3	5.47	40.56	Pk	34.8	-18.2	0	57.16	-	-	68.2	-11.04	192	118	H
7	5.47	27.02	RMS	34.8	-18.2	.18	43.8	-	-	-	-	192	118	H

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

Pk - Peak detector

RMS - RMS detection



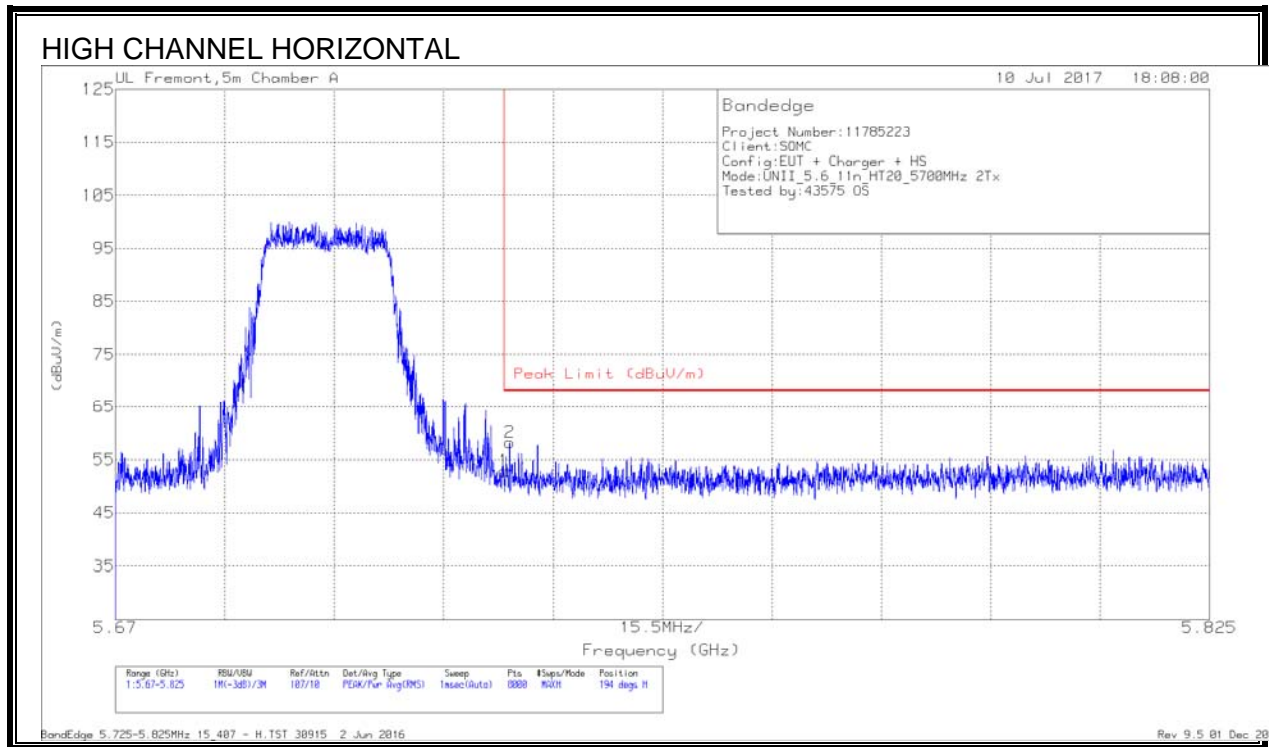


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fits/Pad (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
2	* 5.425	38.75	Pk	34.7	-18.3	0	55.15	-	-	74	-18.85	81	150	V
6	* 5.438	27.49	RMS	34.7	-18.3	.18	44.07	54	-9.93	-	-	81	150	V
1	* 5.46	35.78	Pk	34.7	-18.4	0	52.08	-	-	74	-21.92	81	150	V
5	* 5.46	25.69	RMS	34.7	-18.4	.18	42.17	54	-11.83	-	-	81	150	V
3	5.47	34.78	Pk	34.8	-18.2	0	51.38	-	-	68.2	-16.82	81	150	V
4	5.47	39.03	Pk	34.8	-18.2	0	55.63	-	-	68.2	-12.57	81	150	V
7	5.47	25.86	RMS	34.8	-18.2	.18	42.64	-	-	-	-	81	150	V
8	5.47	28.73	RMS	34.8	-18.2	.18	45.51	-	-	-	-	81	150	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

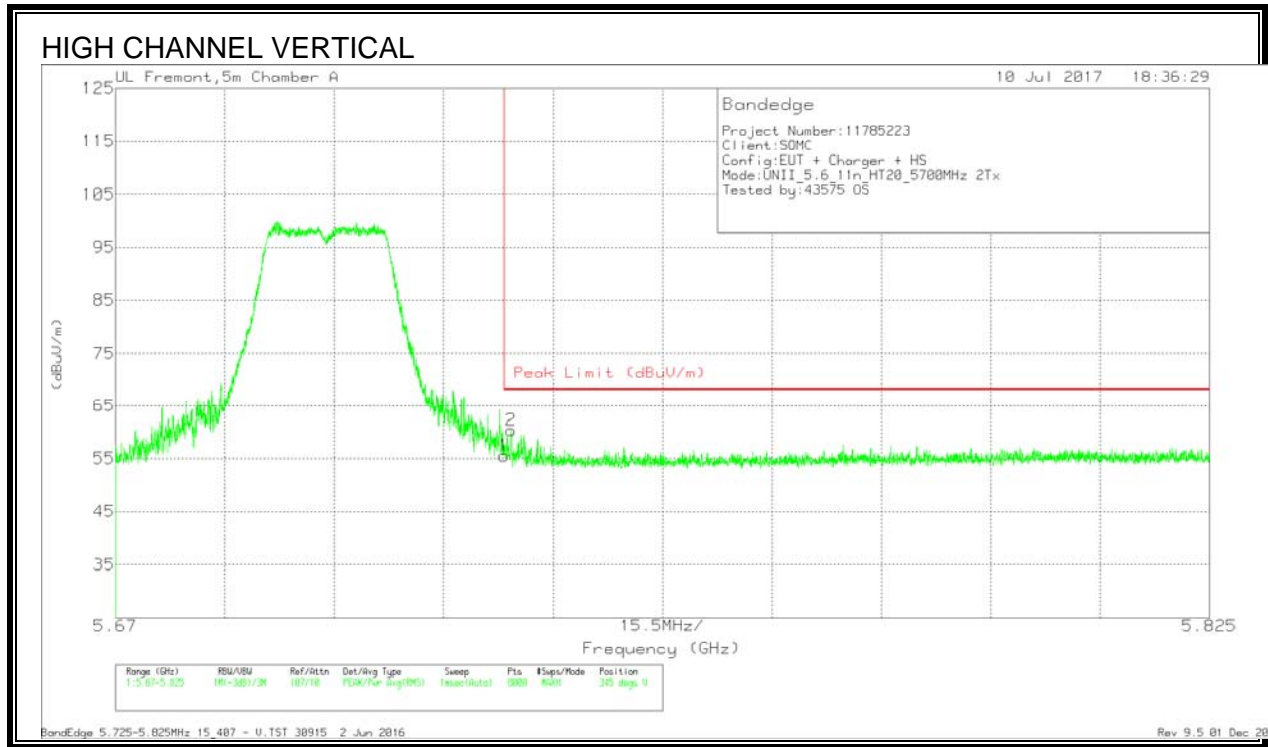
**BANDEDGE (HIGH CHANNEL)**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.27	Pk	35	-18.4	0	52.87	68.2	-15.33	194	102	H
2	5.726	41.64	Pk	35	-18.4	0	58.24	68.2	-9.96	194	102	H

Pk - Peak detector

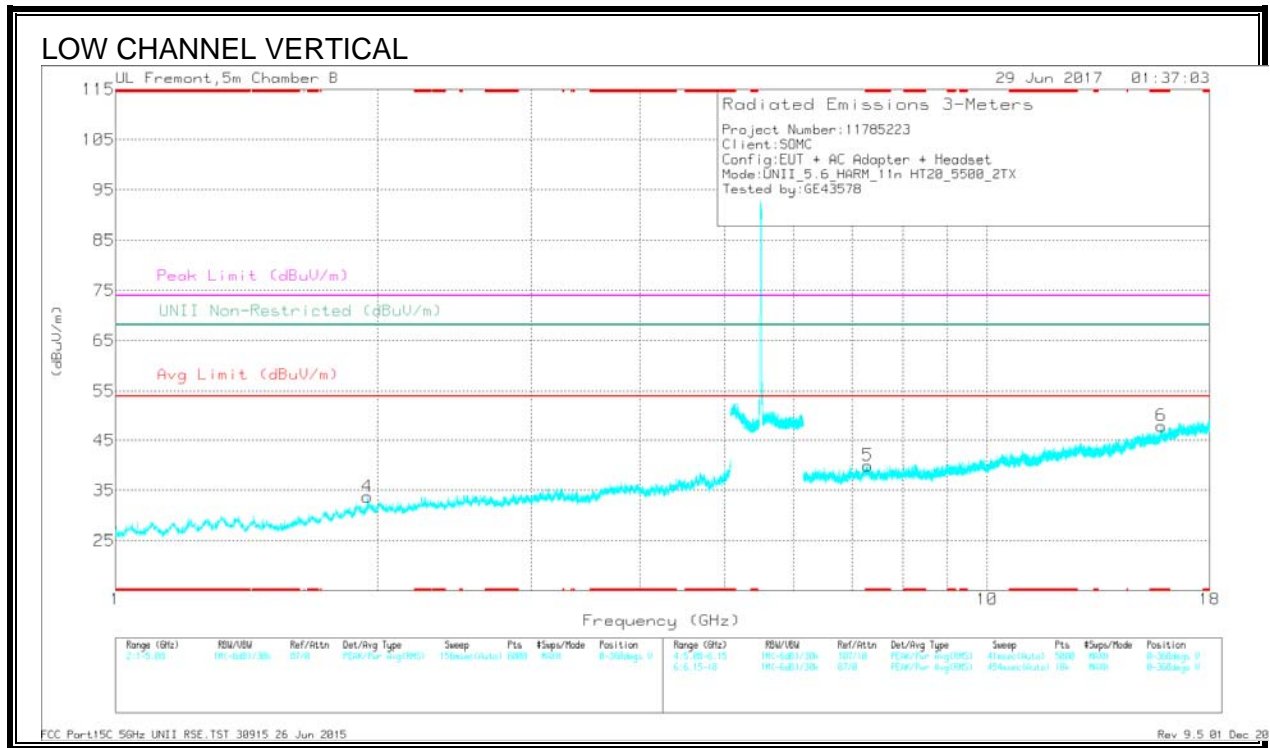
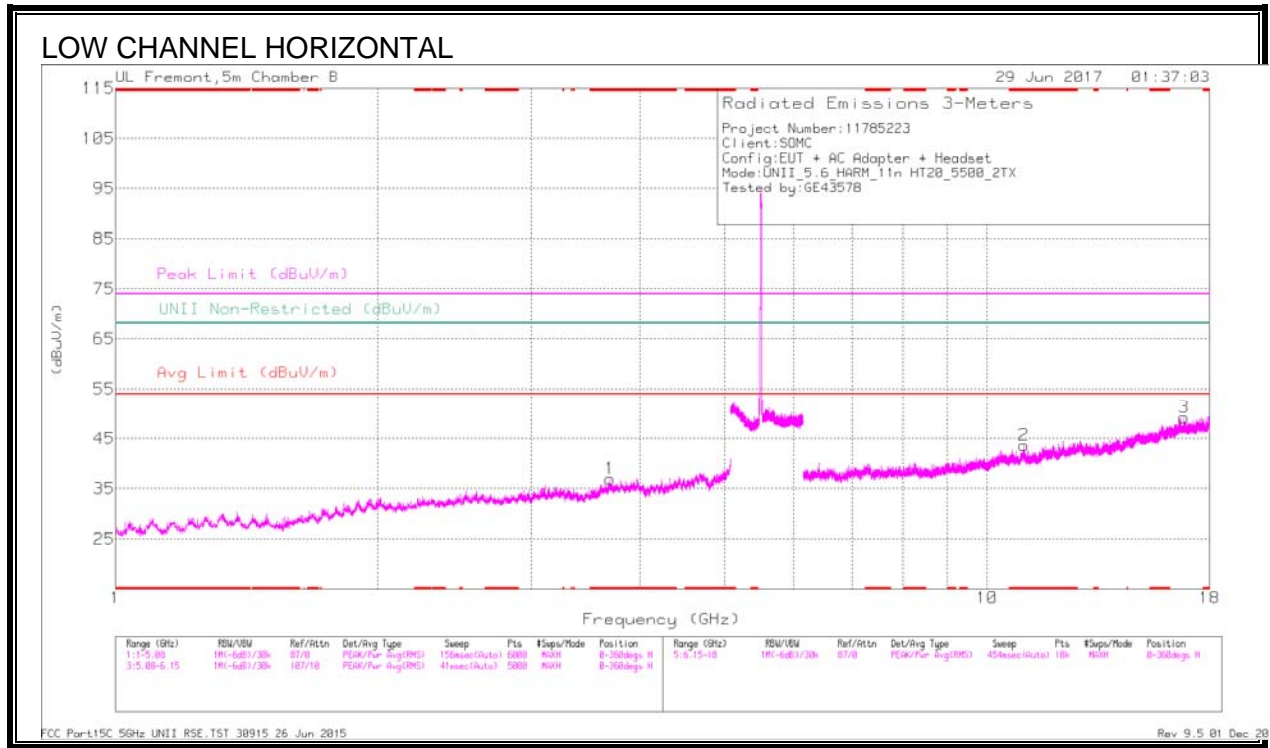


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.95	Pk	35	-18.4	0	55.55	68.2	-12.65	345	101	V
2	5.726	43.7	Pk	35	-18.4	0	60.3	68.2	-7.9	345	101	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**



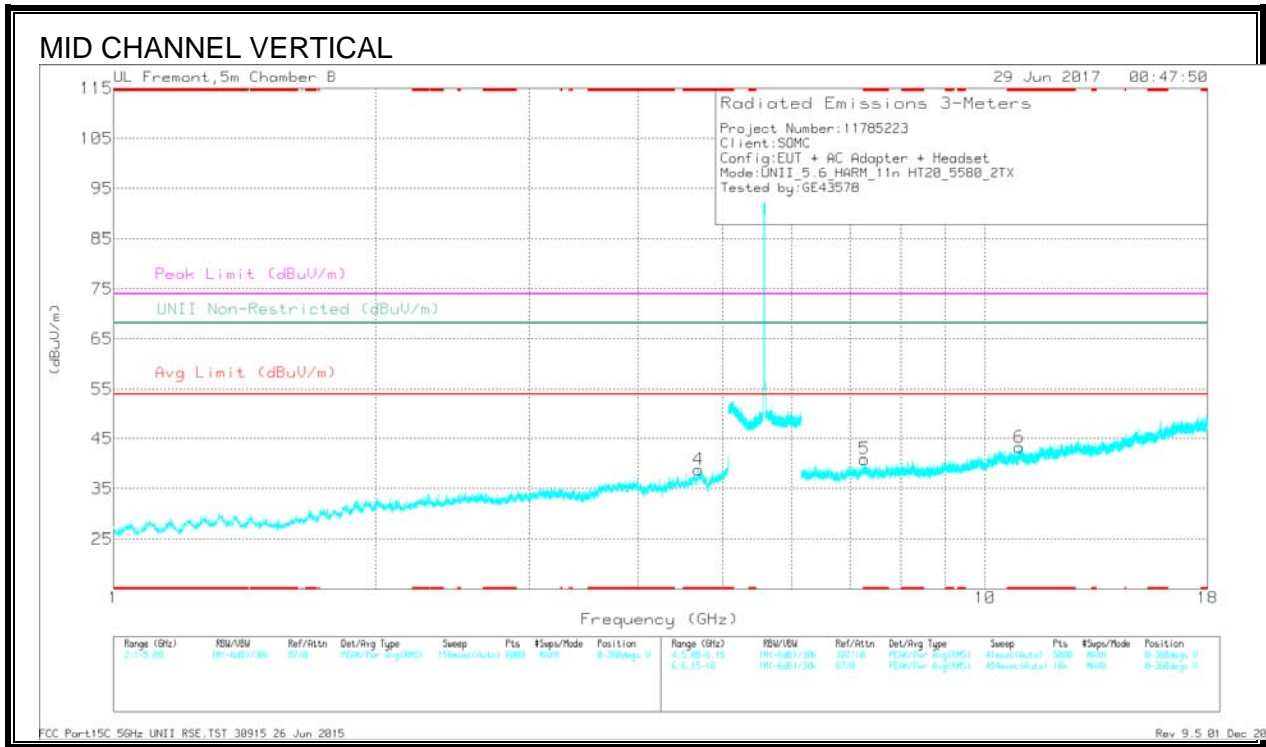
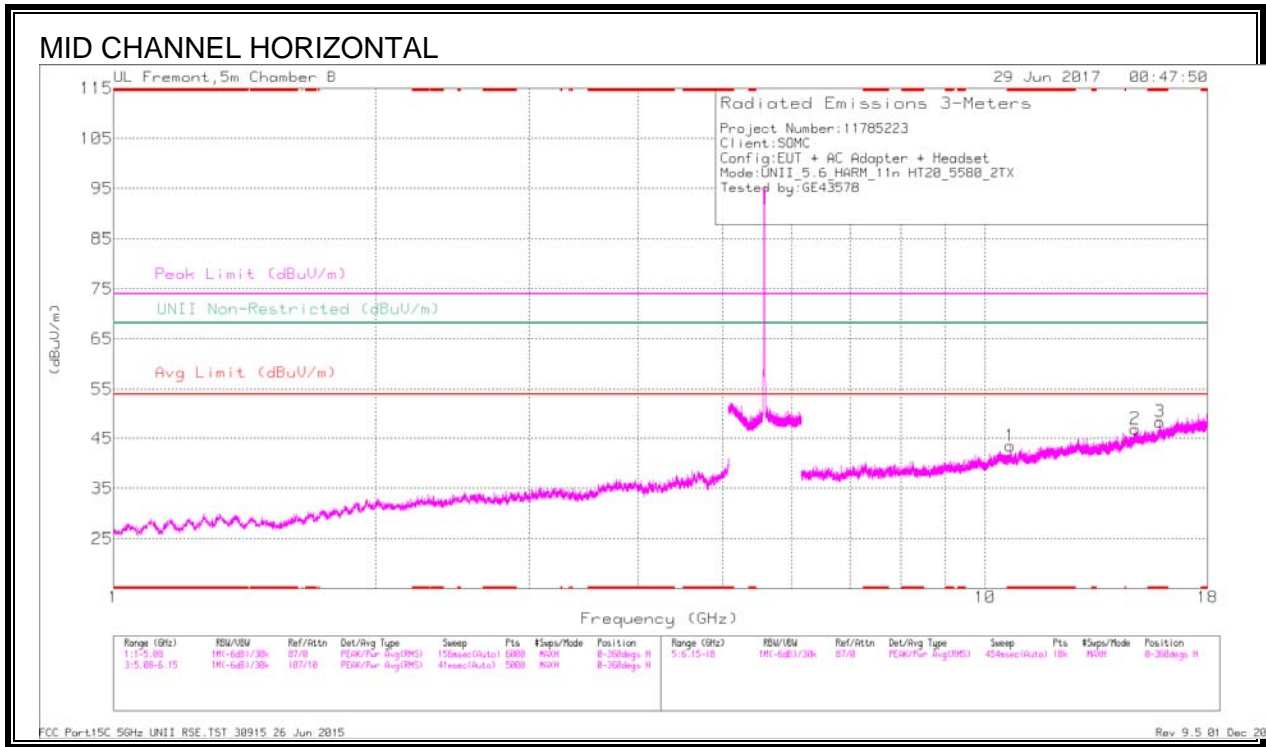
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T83 (dB/m)	Amp/Gal/FHz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.691	39.84	PK-U	33.2	-30.6	0	42.44	-	-	74	-31.56	-	-	303	101	H
* 3.691	27.84	ADR	33.2	-30.6	.18	30.62	54	-23.38	-	-	-	-	303	101	H
* 11.018	33.5	PK-U	37.7	-22.1	0	49.1	-	-	74	-24.9	-	-	313	200	H
* 11.018	21.38	ADR	37.7	-22.1	.18	37.16	54	-16.84	-	-	-	-	313	200	H
* 7.298	36.7	PK-U	35.8	-26.1	0	46.4	-	-	74	-27.6	-	-	20	104	V
* 7.297	24.52	ADR	35.8	-26	.18	34.5	54	-19.5	-	-	-	-	20	104	V
* 15.852	31.94	PK-U	41	-18.8	0	54.14	-	-	74	-19.86	-	-	107	104	V
* 15.852	19.7	ADR	41	-18.8	.18	42.08	54	-11.92	-	-	-	-	107	104	V
1.947	40.16	PK-U	31.1	-32.1	0	39.16	-	-	-	-	68.2	-29.04	166	200	V
16.813	31.42	PK-U	42.3	-19.1	0	54.62	-	-	-	-	68.2	-13.58	86	200	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

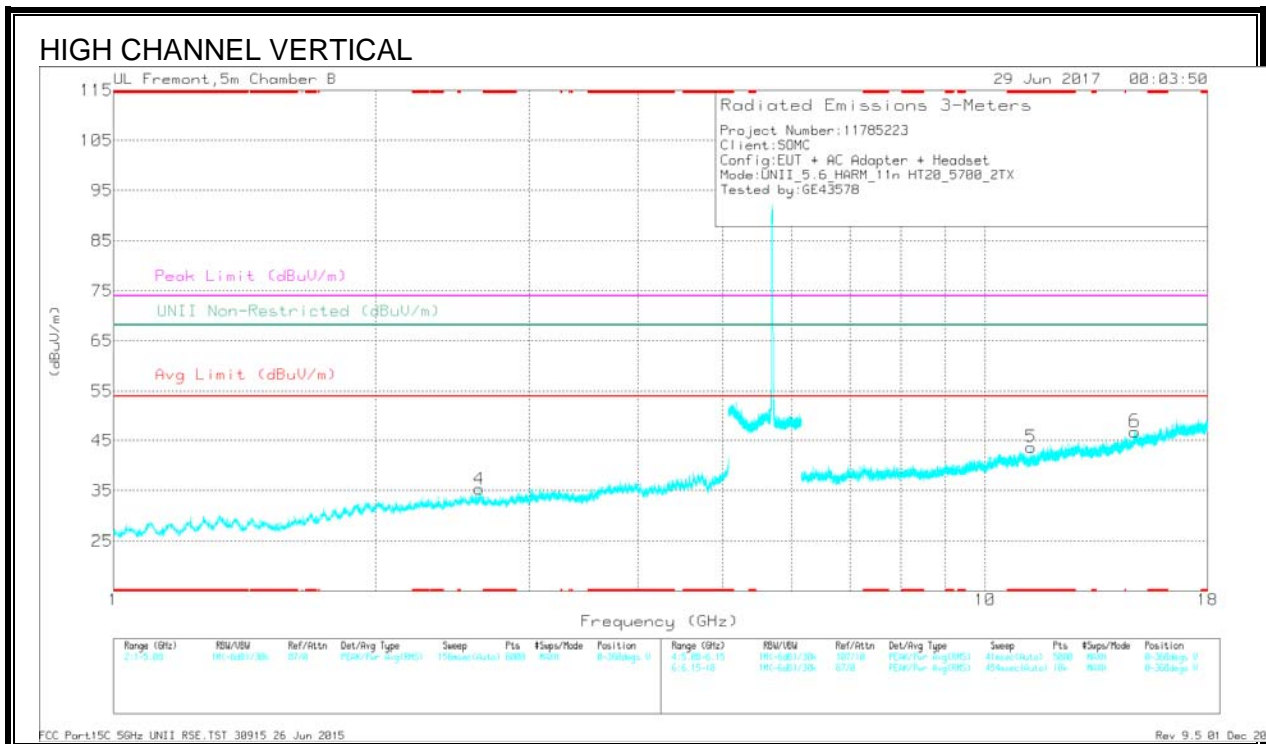
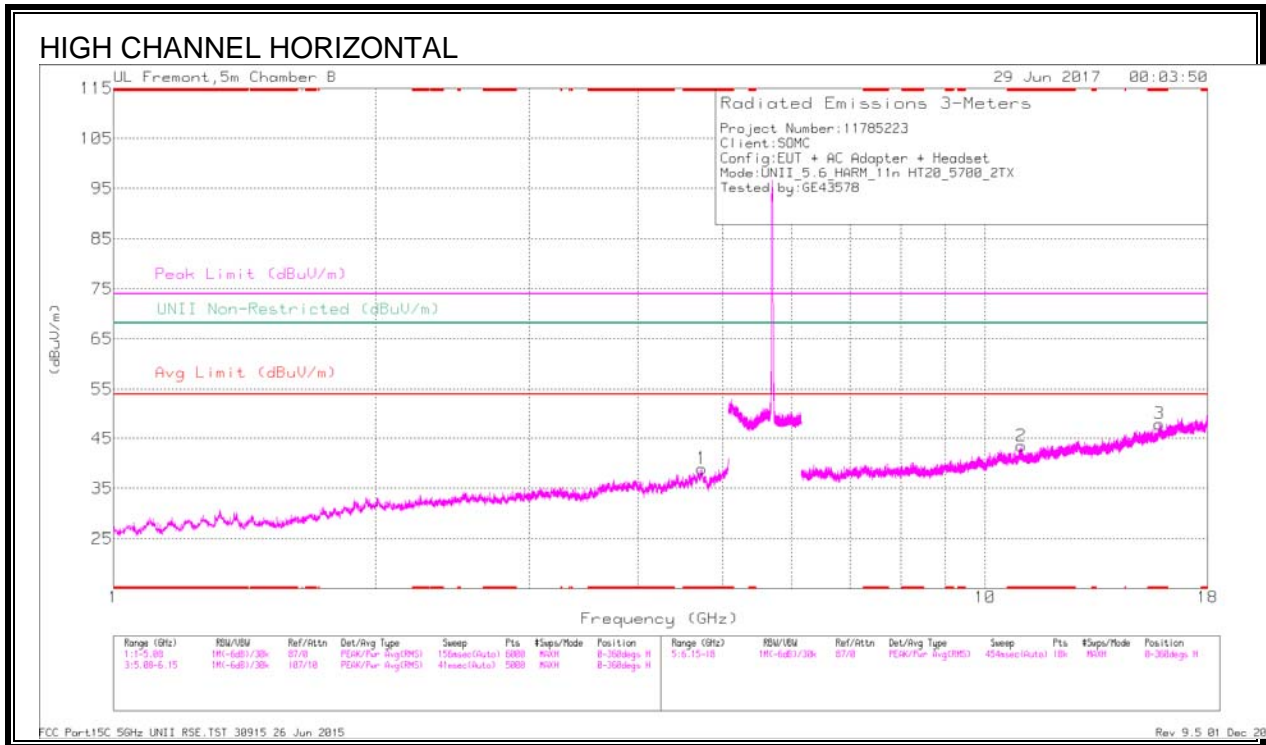


Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF TBE3 (dB/m)	Amp/Ch/Flt/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.589	40.63	PK-U	34.2	-29.1	0	45.73	-	-	74	-28.27	-	-	91	200	V
* 4.589	27.96	ADR	34.2	-29.1	.18	33.24	54	-20.76	-	-	-	-	91	200	V
* 10.694	33.86	PK-U	37.7	-22.5	0	49.06	-	-	74	-24.94	-	-	155	104	H
* 10.694	21.33	ADR	37.7	-22.5	.18	36.71	54	-17.29	-	-	-	-	155	104	H
* 15.86	32.15	PK-U	41	-18.6	0	54.55	-	-	74	-19.45	-	-	134	198	H
* 15.859	19.92	ADR	41	-18.6	.18	42.5	54	-11.5	-	-	-	-	134	198	H
* 7.274	36.3	PK-U	35.8	-25.8	0	46.3	-	-	74	-27.7	-	-	249	198	V
* 7.276	24.5	ADR	35.8	-25.8	.18	34.68	54	-19.32	-	-	-	-	249	198	V
* 10.956	33.23	PK-U	37.7	-22.3	0	48.63	-	-	74	-25.37	-	-	0	104	V
* 10.956	21.29	ADR	37.7	-22.3	.18	36.87	54	-17.13	-	-	-	-	0	104	V
14.864	33.63	PK-U	40.6	-21.7	0	52.53	-	-	-	-	68.2	-15.67	2	198	H

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







Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF TMS3 (dB/m)	Amp/Ch/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.732	40.01	PK-U	34.2	-29	0	45.21	-	-	74	-28.79	-	-	63	101	H
* 4.732	28.15	ADR	34.2	-29	.18	33.53	54	-20.47	-	-	-	-	63	101	H
* 11.007	33.47	PK-U	37.7	-21.8	0	49.37	-	-	74	-24.63	-	-	220	104	H
* 11.008	21.4	ADR	37.7	-21.8	.18	37.48	54	-16.52	-	-	-	-	220	104	H
* 15.858	32.11	PK-U	41	-18.6	0	54.51	-	-	74	-19.49	-	-	98	104	H
* 15.858	19.83	ADR	41	-18.6	.18	42.41	54	-11.59	-	-	-	-	98	104	H
* 11.292	33.59	PK-U	37.8	-22.5	0	48.89	-	-	74	-25.11	-	-	186	104	V
* 11.292	21.11	ADR	37.8	-22.5	.18	36.59	54	-17.41	-	-	-	-	186	104	V
2.628	39.75	PK-U	32.5	-31.7	0	40.55	-	-	-	-	68.2	-27.65	11	200	V
14.855	33.03	PK-U	40.6	-21.7	0	51.93	-	-	-	-	68.2	-16.27	77	199	V

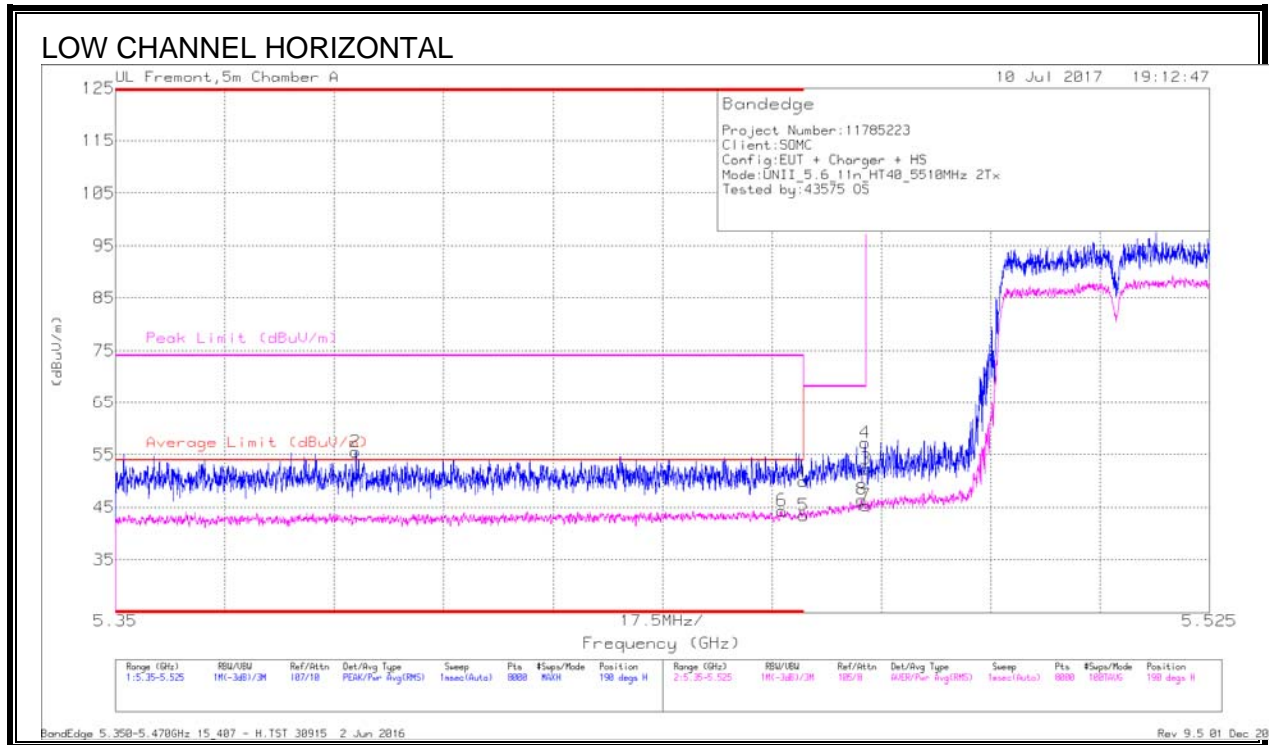
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**11.1.11. 11n HT40 2TX CDD MIMO MODE IN THE 5.6GHz BAND**

**BANDEDGE (LOW CHANNEL)**

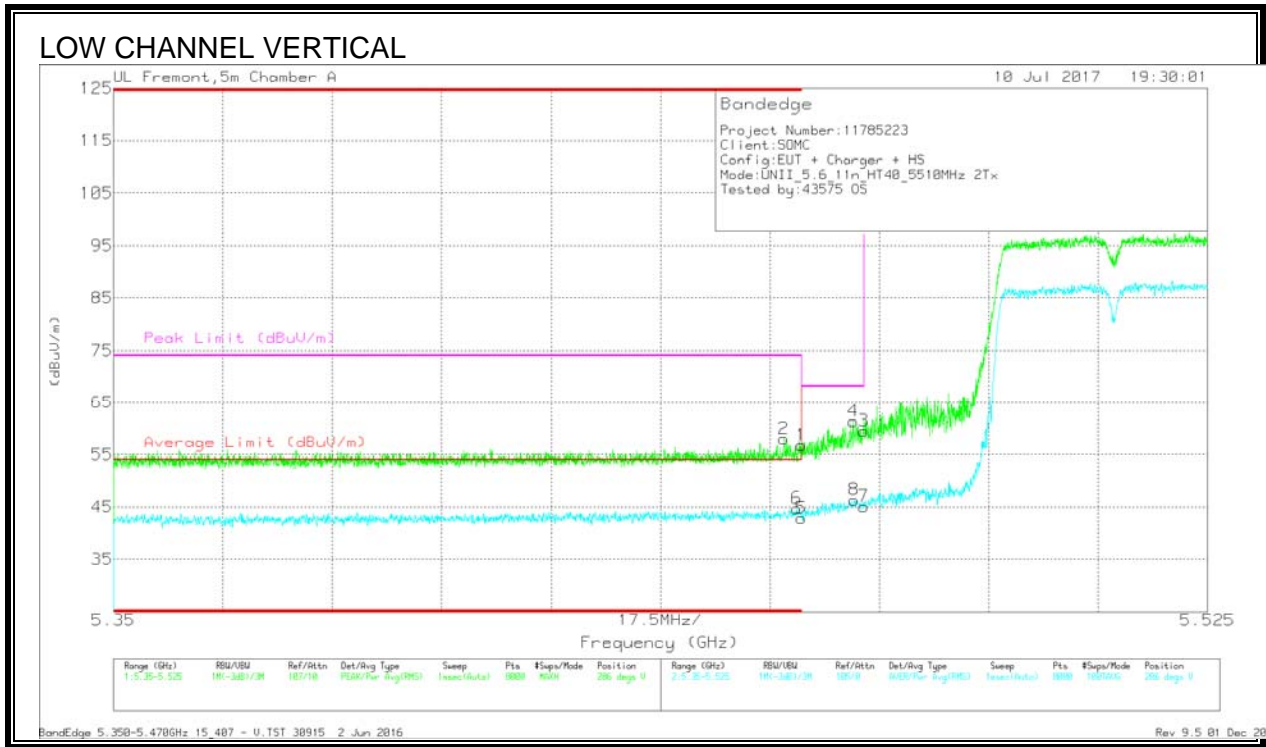


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF Y862 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.388	39.26	Pk	34.6	-18.3	0	55.56	-	-	74	-18.44	190	147	H
6	* 5.457	27.59	RMS	34.7	-18.3	.39	44.38	54	-9.62	-	-	190	147	H
1	* 5.46	33.58	Pk	34.7	-18.4	0	49.88	-	-	74	-24.12	190	147	H
5	* 5.46	26.74	RMS	34.7	-18.4	.39	43.43	54	-10.57	-	-	190	147	H
8	5.469	29.42	RMS	34.8	-18.2	.39	46.41	-	-	-	-	190	147	H
3	5.47	35.68	Pk	34.8	-18.2	0	52.28	-	-	68.2	-15.92	190	147	H
4	5.47	40.61	Pk	34.8	-18.2	0	57.21	-	-	68.2	-10.99	190	147	H
7	5.47	28.28	RMS	34.8	-18.2	.39	45.27	-	-	-	-	190	147	H

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

Pk - Peak detector

RMS - RMS detection

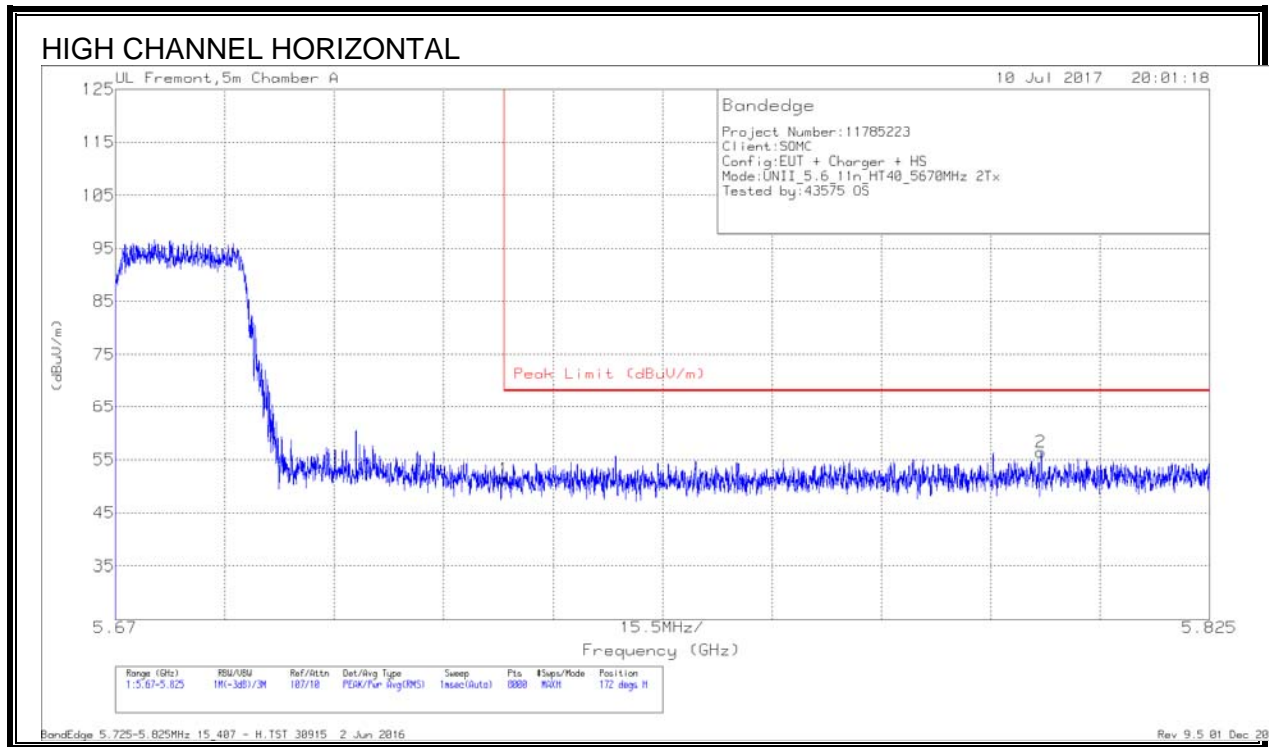


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Chl/Filt/Pad (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
2	* 5.457	41.6	Pk	34.7	-18.3	0	58	-	-	74	-16	286	249	V
6	* 5.459	28.01	RMS	34.7	-18.4	.39	44.7	54	-9.3	-	-	286	249	V
1	* 5.46	40.44	Pk	34.7	-18.4	0	56.74	-	-	74	-17.26	286	249	V
5	* 5.46	26.16	RMS	34.7	-18.4	.39	42.85	54	-11.15	-	-	286	249	V
4	5.468	44.77	Pk	34.8	-18.2	0	61.37	-	-	68.2	-6.83	286	249	V
8	5.468	29.35	RMS	34.8	-18.2	.39	46.34	-	-	-	-	286	249	V
3	5.47	42.83	Pk	34.8	-18.2	0	59.43	-	-	68.2	-8.77	286	249	V
7	5.47	28.1	RMS	34.8	-18.2	.39	45.09	-	-	-	-	286	249	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**AUTHORIZED BANDEGE (HIGH CHANNEL)**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	34.8	Pk	35	-18.4	0	51.4	68.2	-16.8	172	271	H
2	5.801	39.21	Pk	35.1	-17.9	0	56.41	68.2	-11.79	172	271	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector