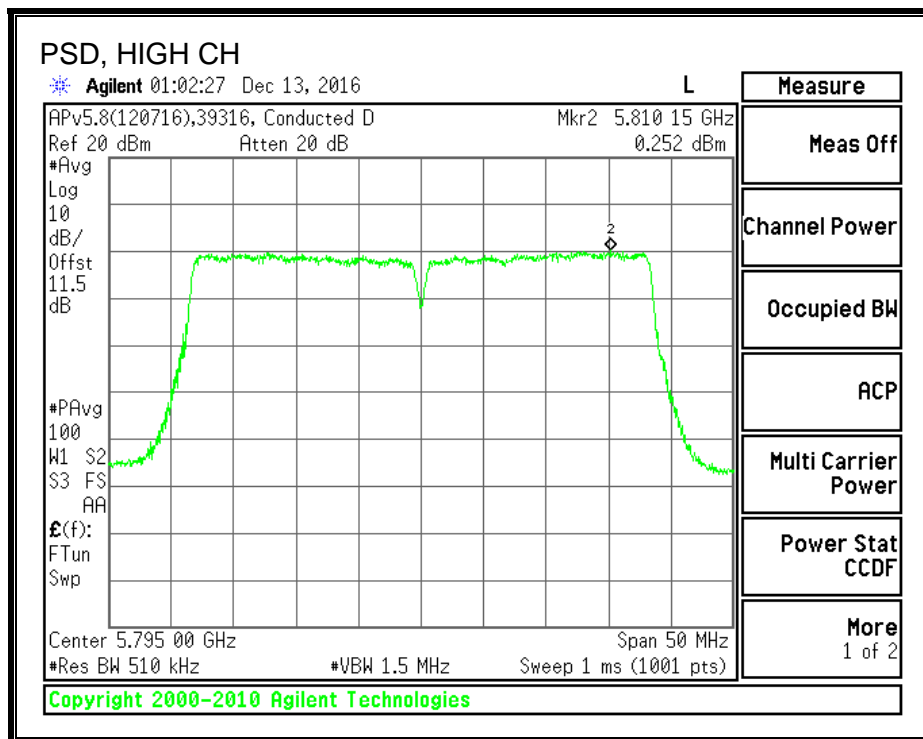
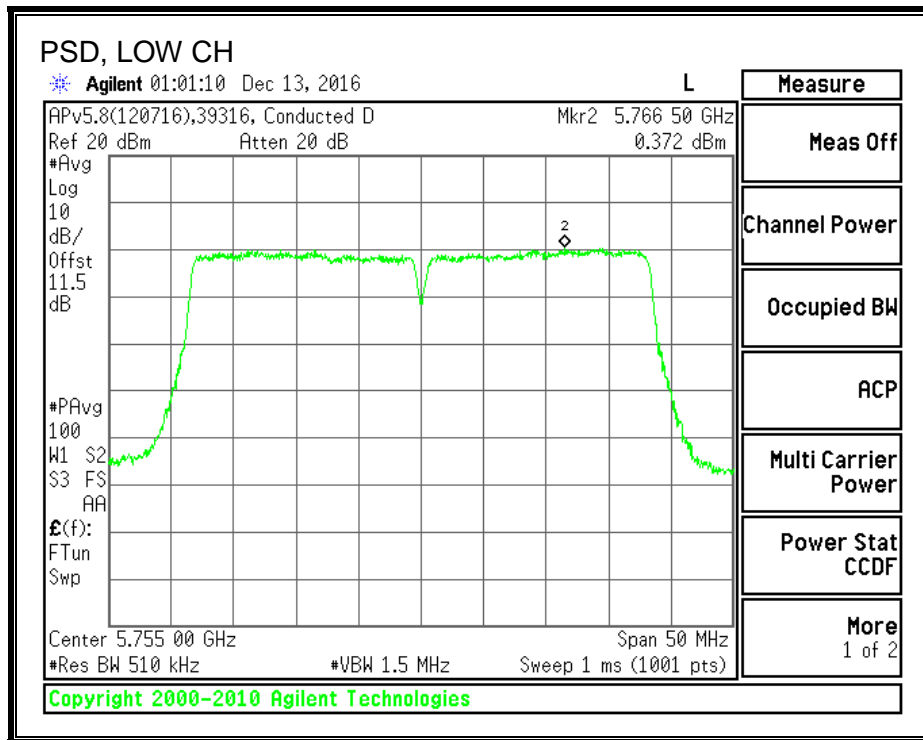
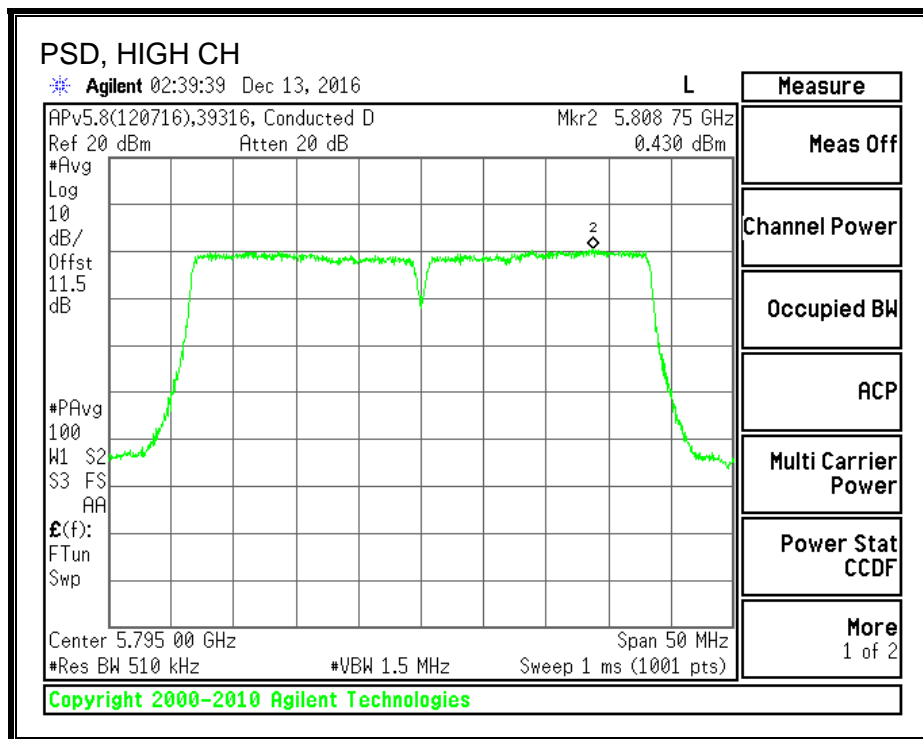
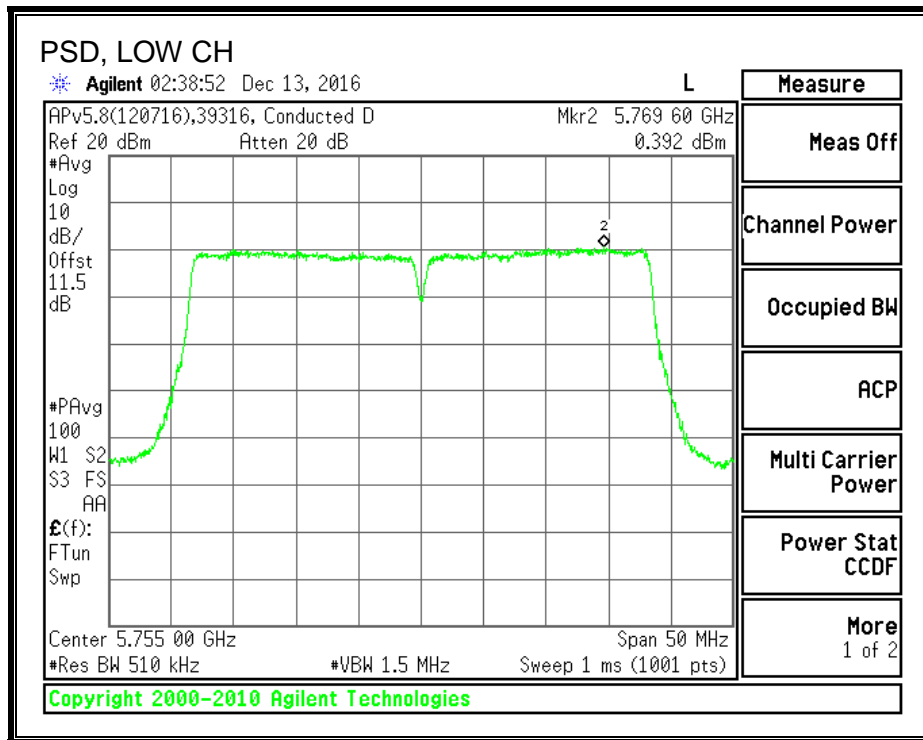


PSD, ANTENNA A



PSD, ANTENNA B



**8.51. 802.11n HT40 2Tx (ANTENNA A + ANTENNA B) STBC MODE IN THE
5.8 GHz BAND**

Noted: Covered by 802.11n HT40 2Tx (ANTENNA A + ANTENNA B) CDD MODE IN THE 5.8 GHz
BAND

8.52. 802.11ac VHT80 ANTENNA A MODE IN THE 5.8 GHz BAND

8.52.1. 6 dB BANDWIDTH

LIMITS

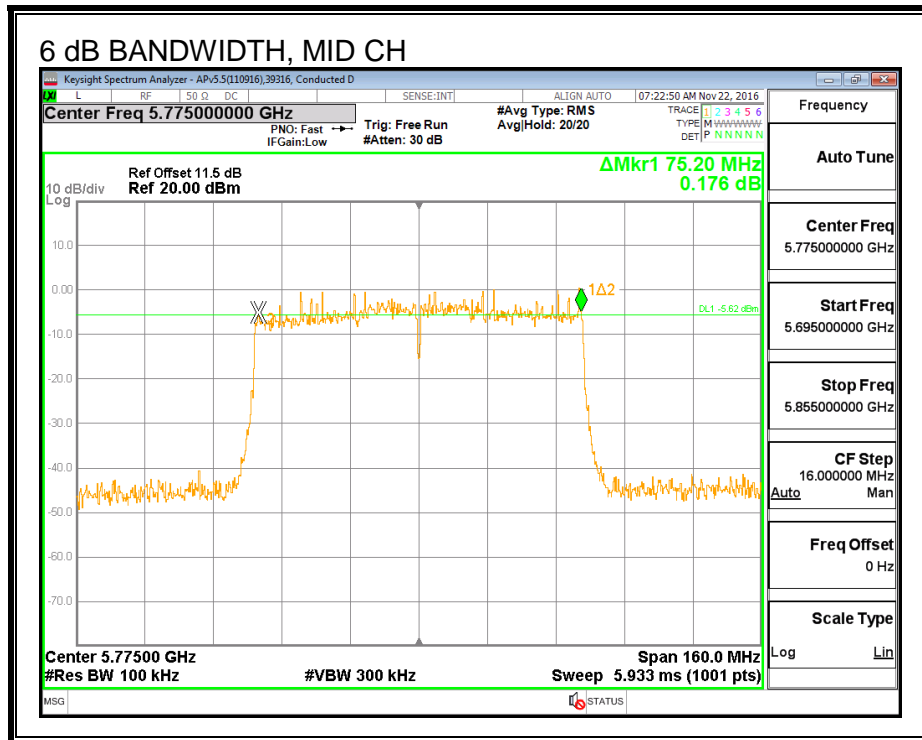
FCC §15.407 (e)

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

RESULTS

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	75.20	0.5

6 dB BANDWIDTH



8.52.2. 26 dB BANDWIDTH

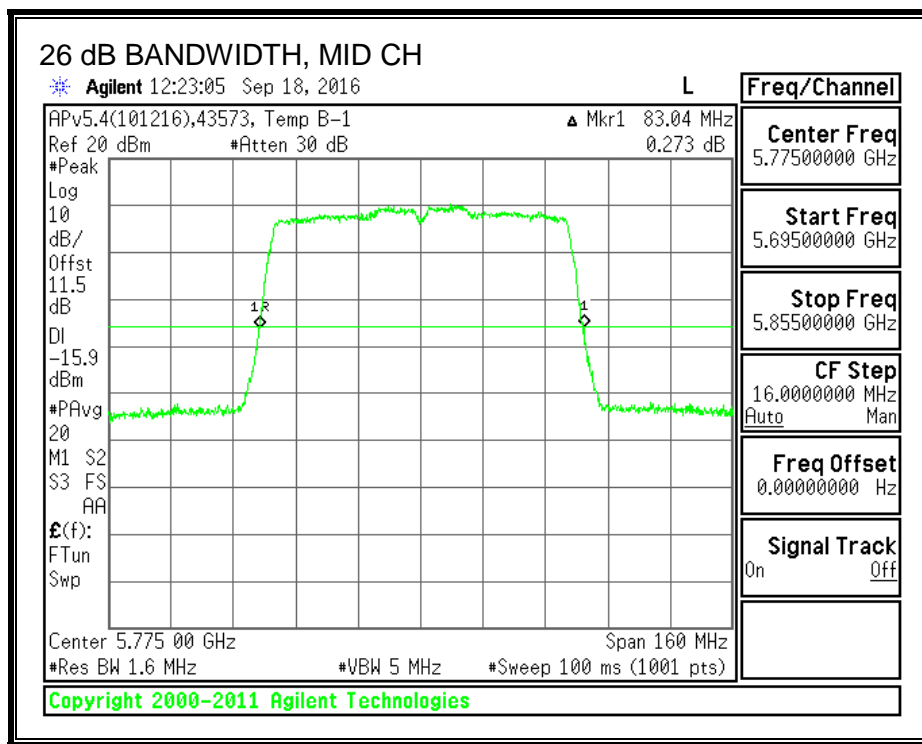
LIMITS

None, for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Mid	5775	83.04

26 dB BANDWIDTH



8.52.3. 99% BANDWIDTH

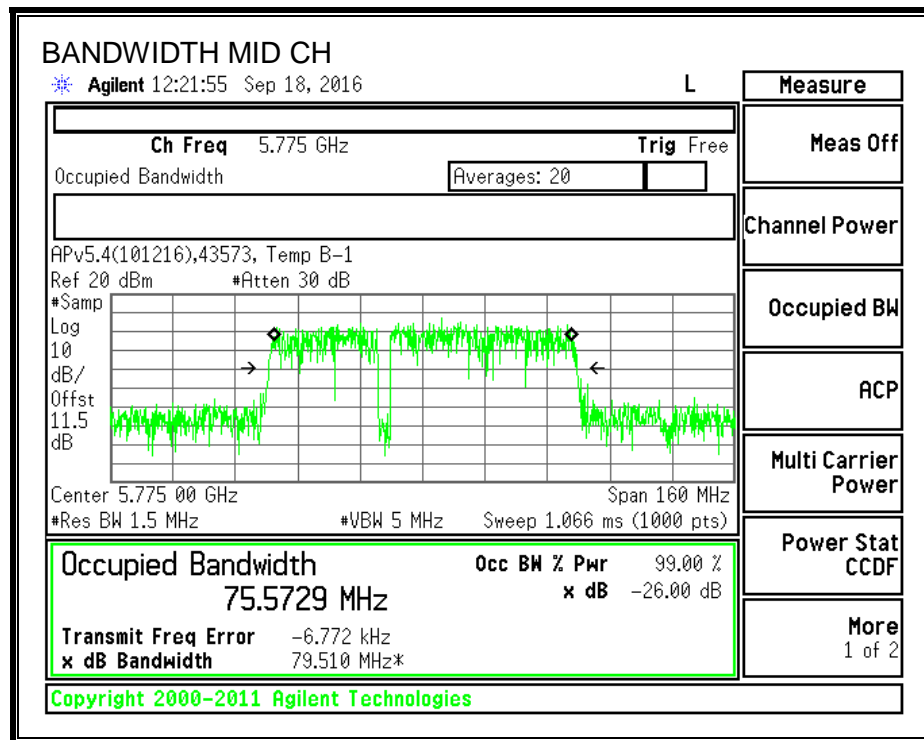
LIMITS

None; for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	75.573

99% BANDWIDTH



8.52.4. AVERAGE POWER

LIMITS

None; for reporting purposes only.

TEST PROCEDURE

Measurements perform using a wideband gated RF power meter.

RESULTS

ID:	30554	Date:	12/15/16
------------	-------	--------------	----------

Channel	Frequency (MHz)	Power (dBm)
Mid	5775	16.34

8.52.5. OUTPUT POWER

LIMITS

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

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

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

RESULTS

ID:	30554	Date:	12/15/16
------------	-------	--------------	----------

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Mid	5775	3.54	30.00

Output Power Results

Channel	Frequency (MHz)	Ant A Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	16.34	16.34	30.00	-13.66

8.52.6. PSD

LIMITS

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

DIRECTIONAL ANTENNA GAIN

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

RESULTS

Antenna Gain and Limits

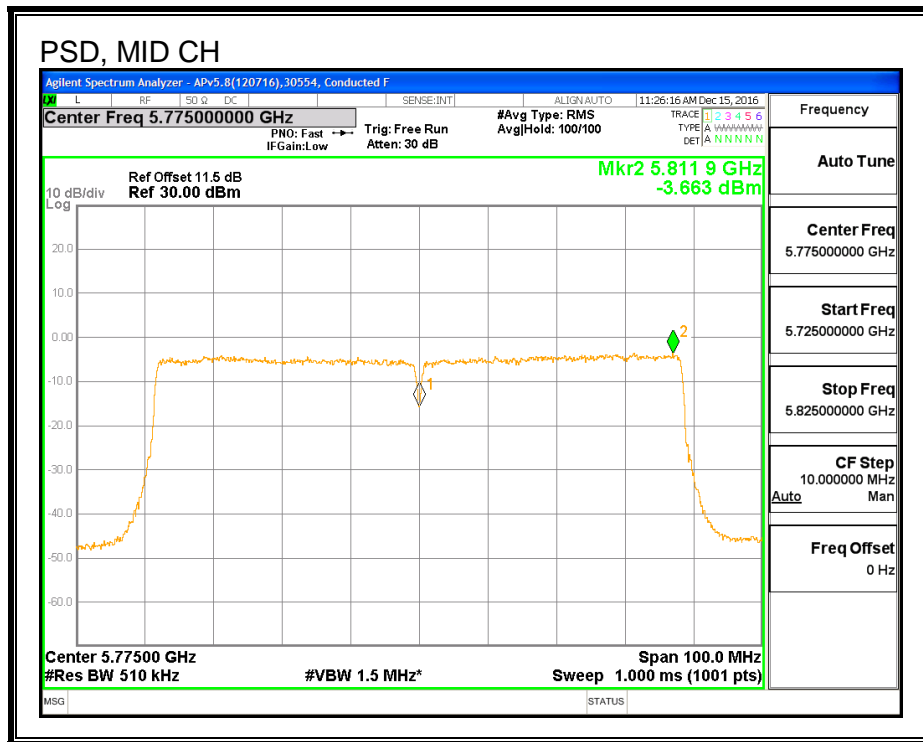
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Mid	5775	3.54	30.00

Duty Cycle CF (dB)	0.21	Included in Calculations of Corr'd PSD
---------------------------	------	---

PSD Results

Channel	Frequency (MHz)	Ant A Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-3.663	-3.45	30.00	-33.45

PSD



8.53. 802.11ac VHT80 ANTENNA B MODE IN THE 5.8 GHZ BAND

8.53.1. 6 dB BANDWIDTH

LIMITS

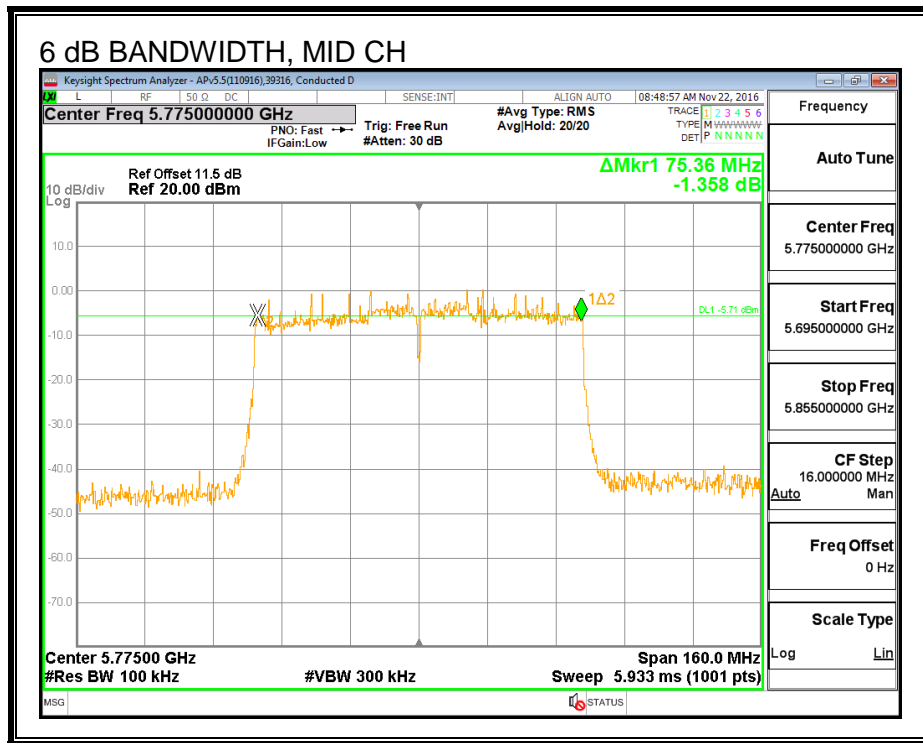
FCC §15.407 (e)

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

RESULTS

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	75.36	0.5

6 dB BANDWIDTH



8.53.2. 26 dB BANDWIDTH

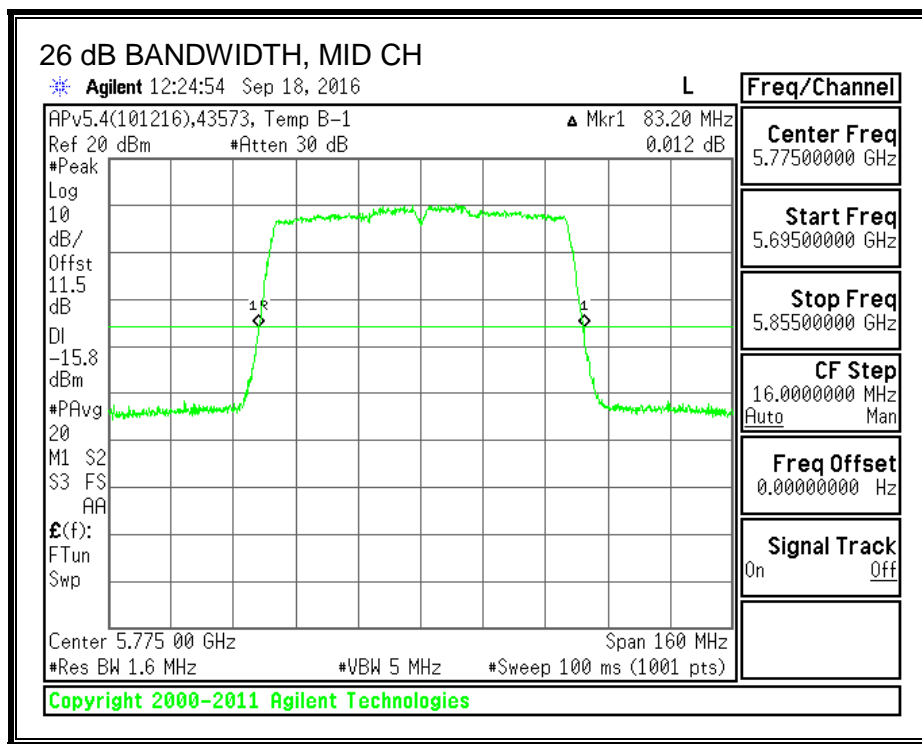
LIMITS

None, for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Mid	5775	83.20

26 dB BANDWIDTH



8.53.3. 99% BANDWIDTH

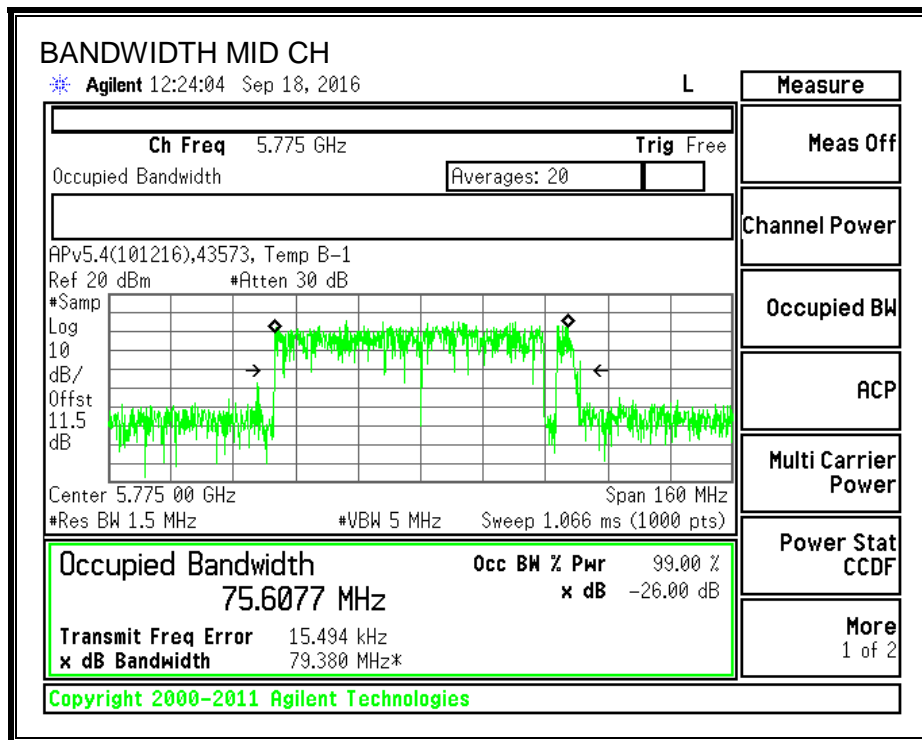
LIMITS

None; for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	75.608

99% BANDWIDTH



8.53.4. AVERAGE POWER

LIMITS

None; for reporting purposes only.

TEST PROCEDURE

Measurements perform using a wideband gated RF power meter.

RESULTS

ID:	30554	Date:	12/15/16
------------	-------	--------------	----------

Channel	Frequency (MHz)	Power (dBm)
Mid	5775	16.44

8.53.5. OUTPUT POWER

LIMITS

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

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

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

RESULTS

ID:	30554	Date:	12/15/16
------------	-------	--------------	----------

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Mid	5775	3.21	30.00

Output Power Results

Channel	Frequency (MHz)	Ant B Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	16.44	16.44	30.00	-13.56

8.53.6. PSD

LIMITS

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

DIRECTIONAL ANTENNA GAIN

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

RESULTS

Antenna Gain and Limits

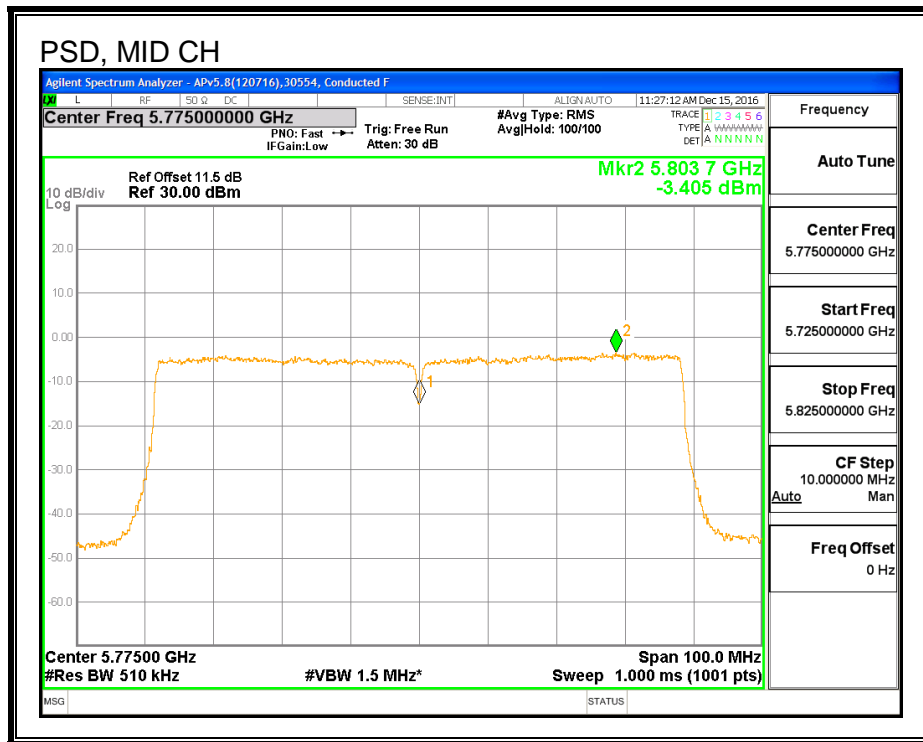
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Mid	5775	3.22	30.00

Duty Cycle CF (dB)	0.21	Included in Calculations of Corr'd PSD
---------------------------	------	---

PSD Results

Channel	Frequency (MHz)	Ant B Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-3.405	-3.20	30.00	-33.20

PSD



8.54. 802.11ac VHT80 2Tx (ANTENNA A + ANTENNA B) CDD MODE IN THE 5.8 GHz BAND

8.54.1. 6 dB BANDWIDTH

LIMITS

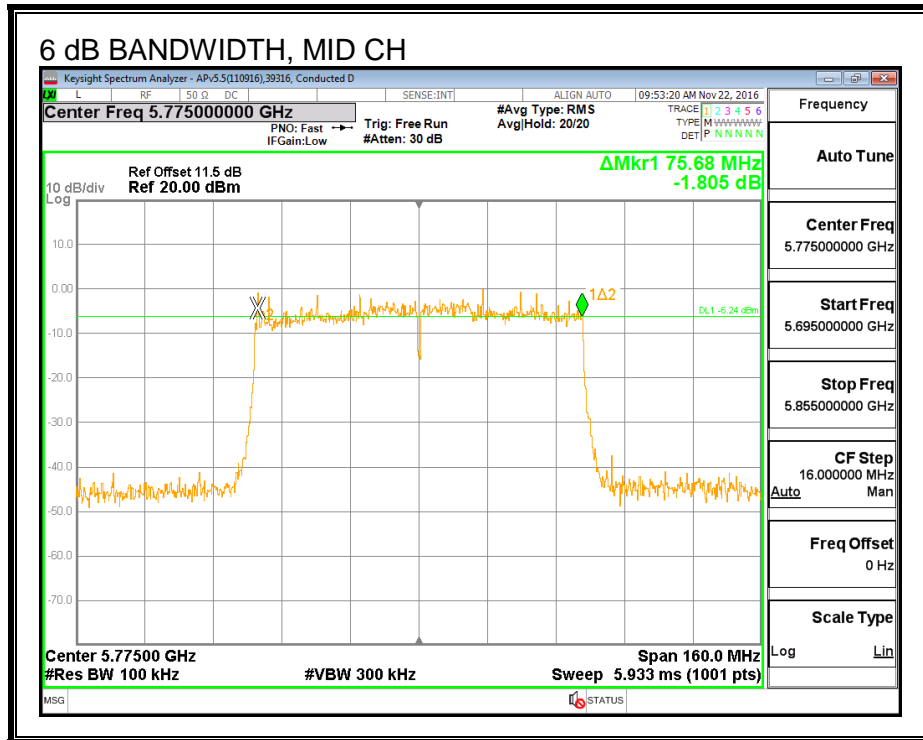
FCC §15.407 (e)

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

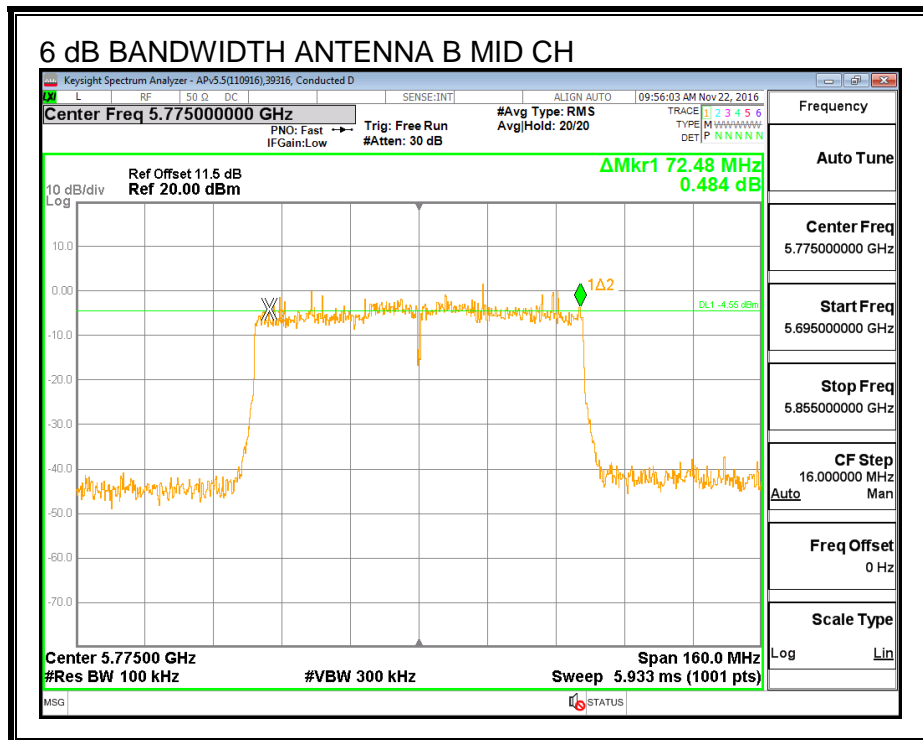
RESULTS

Channel	Frequency (MHz)	6 dB BW Ant A (MHz)	6 dB BW Ant B (MHz)	Minimum Limit (MHz)
Mid	5775	75.680	72.480	0.5

6 dB BANDWIDTH, ANTENNA A



6 DB BANDWIDTH, ANTENNA B



8.54.2. 26 dB BANDWIDTH

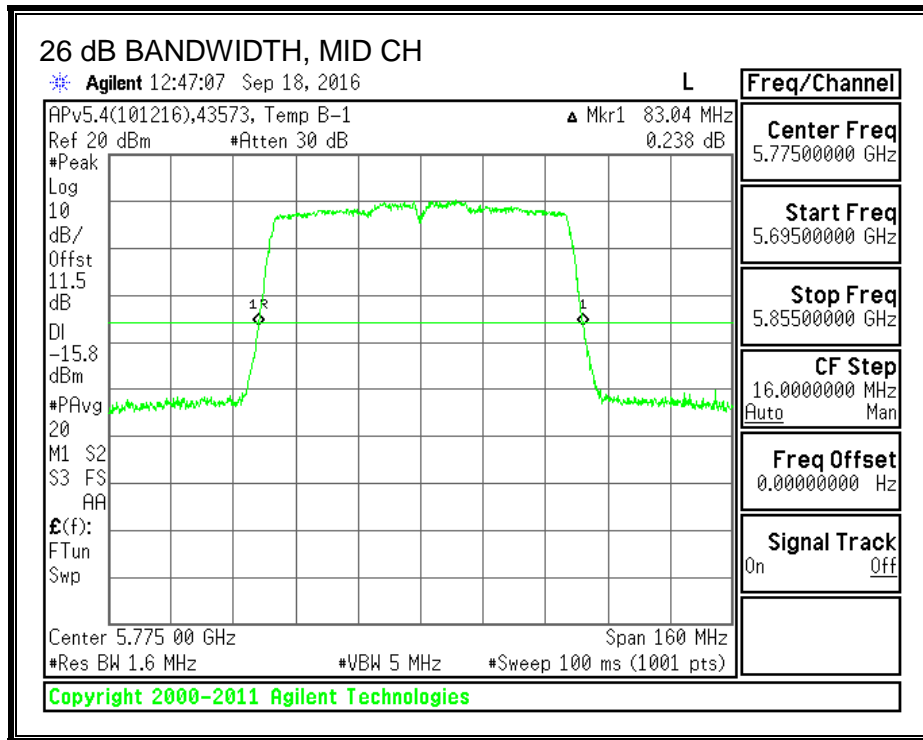
LIMITS

None, for reporting purposes only.

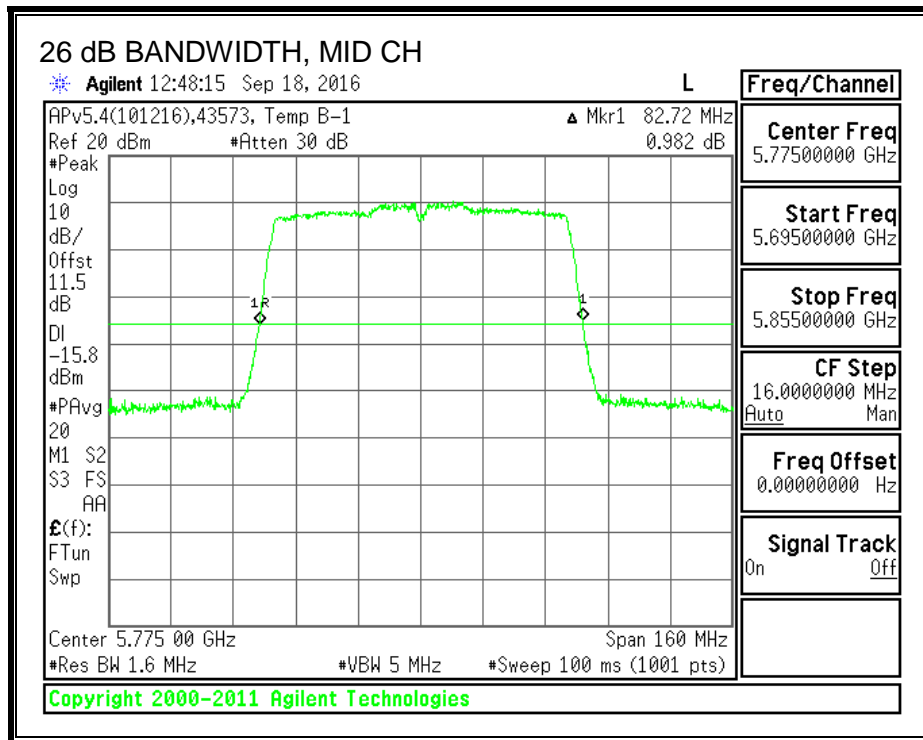
RESULTS

Channel	Frequency (MHz)	26 dB BW Ant A (MHz)	26 dB BW Ant B (MHz)
Mid	5775	83.040	82.720

26 dB BANDWIDTH, ANTENNA A



26 dB BANDWIDTH, ANTENNA B



8.54.3. 99% BANDWIDTH

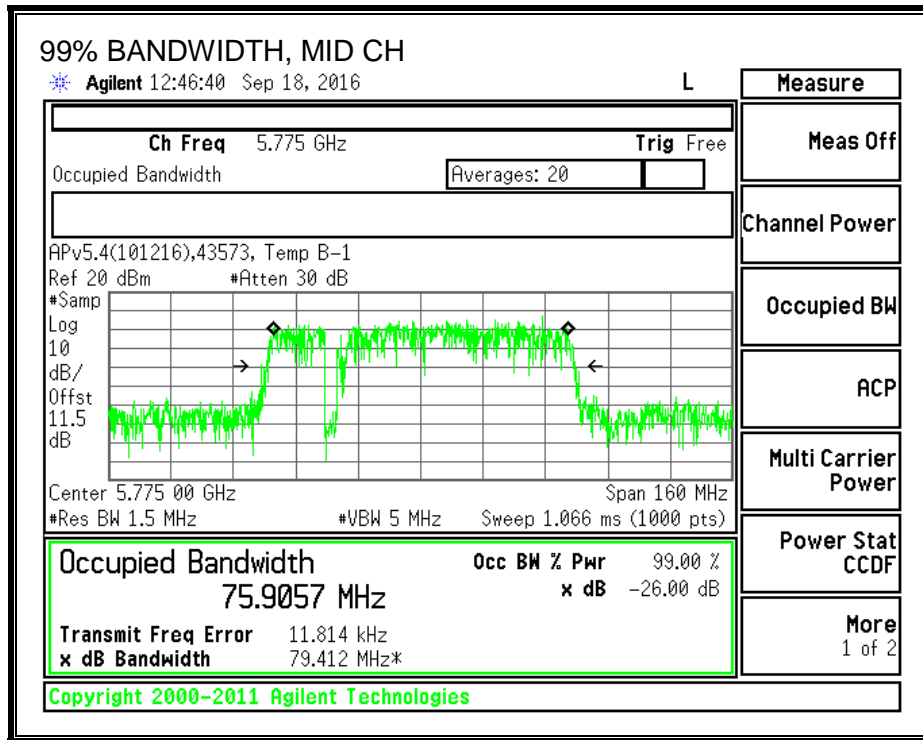
LIMITS

None; for reporting purposes only.

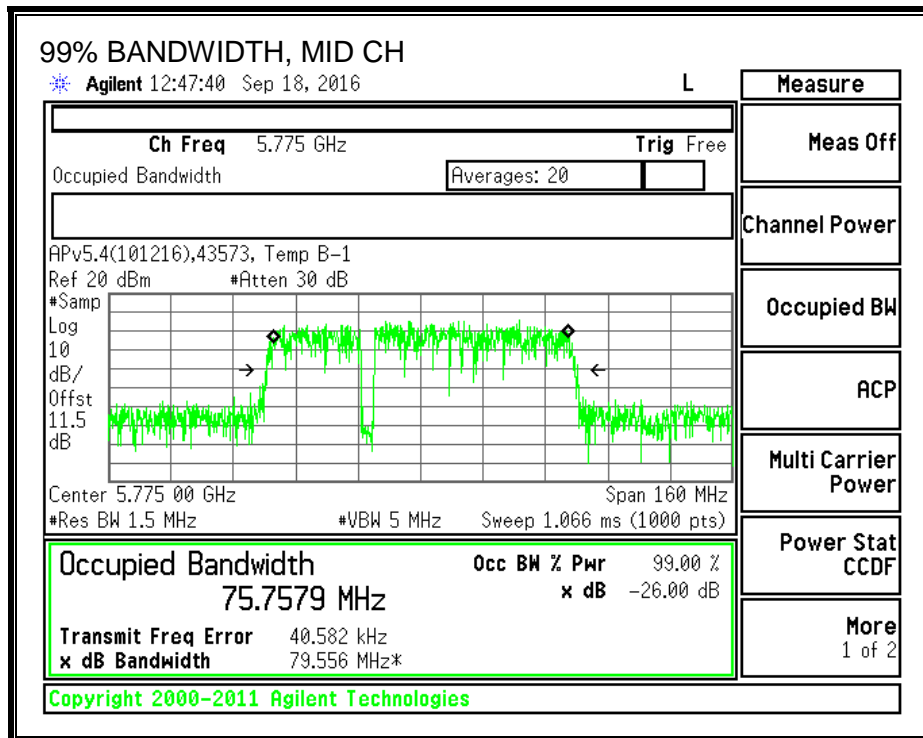
RESULTS

Channel	Frequency (MHz)	99% BW	
		Ant A (MHz)	Ant B (MHz)
Mid	5775	75.906	75.758

99% BANDWIDTH, ANTENNA A



99% BANDWIDTH, ANTENNA B



8.54.4. AVERAGE POWER

LIMITS

None; for reporting purposes only.

TEST PROCEDURE

Measurements perform using a wideband gated RF power meter.

RESULTS

ID:	39316	Date:	12/15/16
------------	-------	--------------	----------

Channel	Frequency (MHz)	Ant A Power (dBm)	Ant B Power (dBm)	Total Power (dBm)
Mid	5775	14.89	15.00	17.96

8.54.5. OUTPUT POWER

LIMITS

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

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

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

Ant A Antenna Gain (dBi)	Ant B Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
3.54	3.21	3.38

RESULTS

ID:	39316	Date:	12/15/16
------------	-------	--------------	----------

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Mid	5775	3.38	30.00

Output Power Results

Channel	Frequency (MHz)	Ant A Meas Power (dBm)	Ant B Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	14.89	15.00	17.96	30.00	-12.04

8.54.6. PSD

LIMITS

FCC §15.407 (a) (3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

DIRECTIONAL ANTENNA GAIN

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

Ant A Antenna Gain (dBi)	Ant B Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
3.54	3.22	6.39

RESULTS

Antenna Gain and Limit

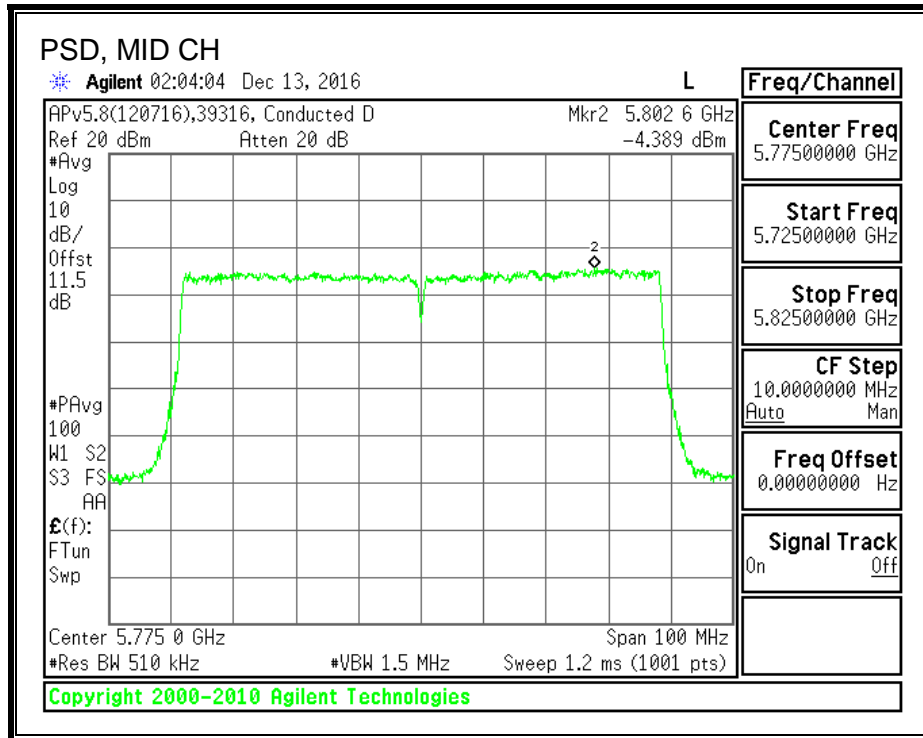
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Mid	5775	6.39	29.61

Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
--------------------	------	--

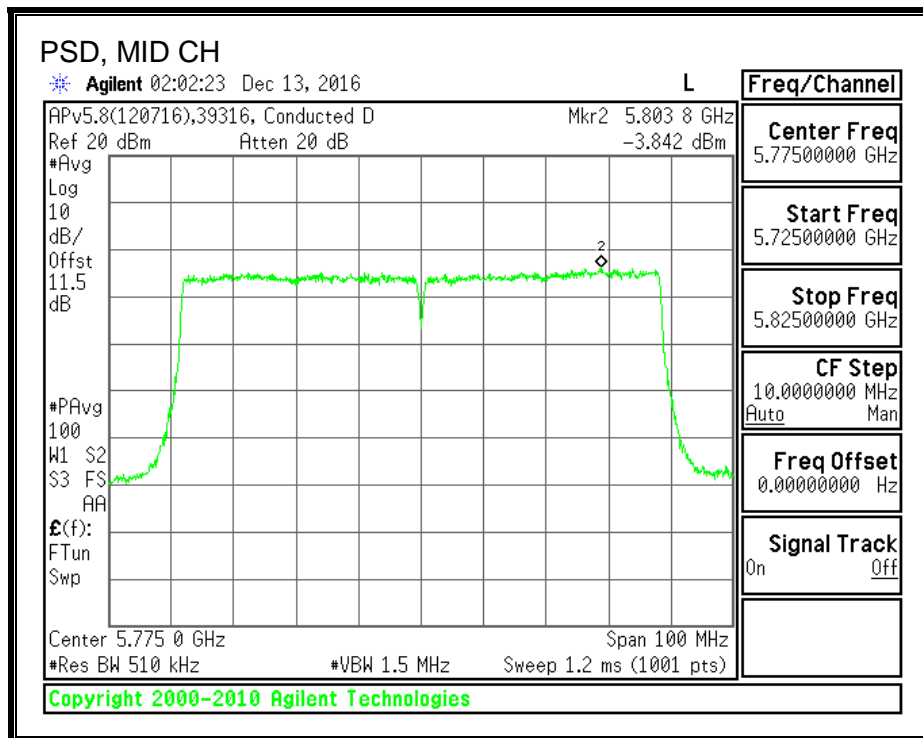
PSD Results

Channel	Frequency (MHz)	Ant A Meas PSD (dBm)	Ant B Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-4.389	-3.842	-0.90	29.61	-30.51

PSD, ANTENNA A



PSD, ANTENNA B



**8.55. 802.11ac VHT80 2Tx (ANTENNA A + ANTENNA B) STBC MODE IN
THE 5.8 GHz BAND**

Noted: Covered by 802.11ac VHT80 2Tx (ANTENNA A + ANTENNA B) CDD MODE IN THE 5.8 GHz BAND

9. RADIATED RESULTS

9.1. 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 1GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average 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 as applicable for average measurements.

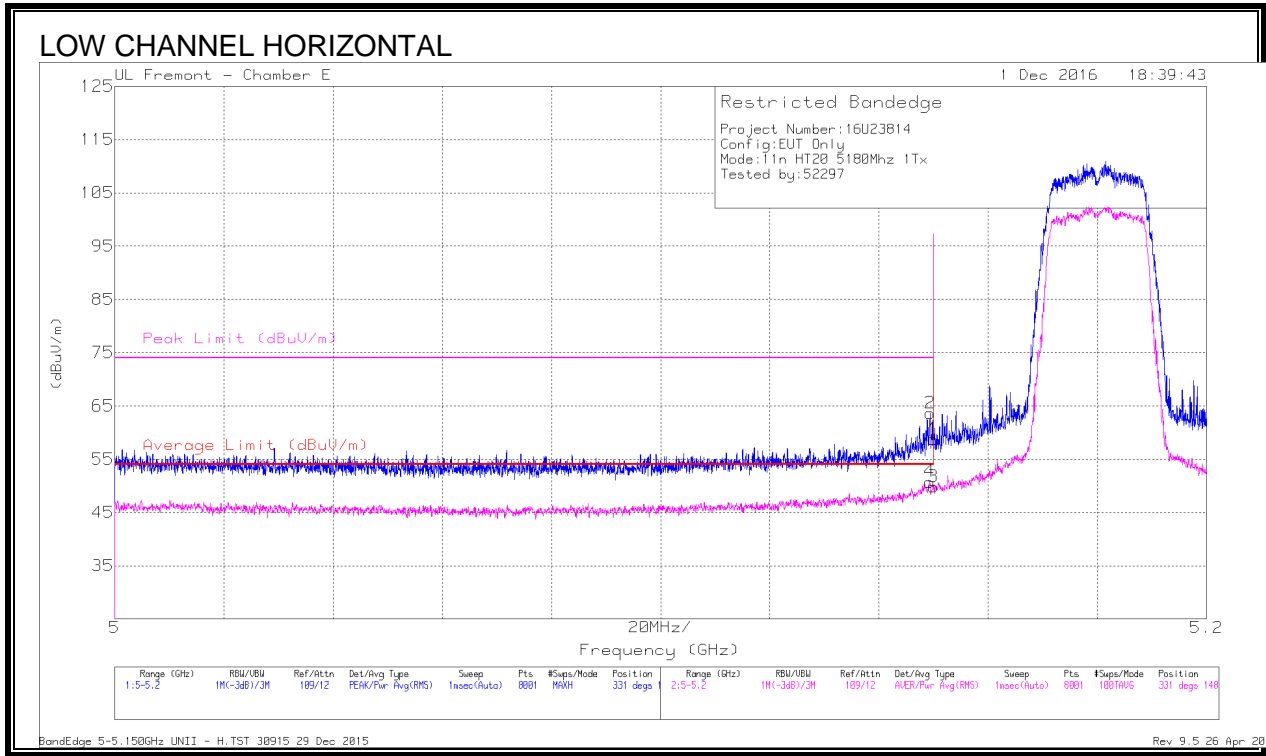
The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized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

9.2. TRANSMITTER ABOVE 1 GHz

9.2.1. 11n HT20 ANTENNA A SISO MODE IN THE 5.2GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

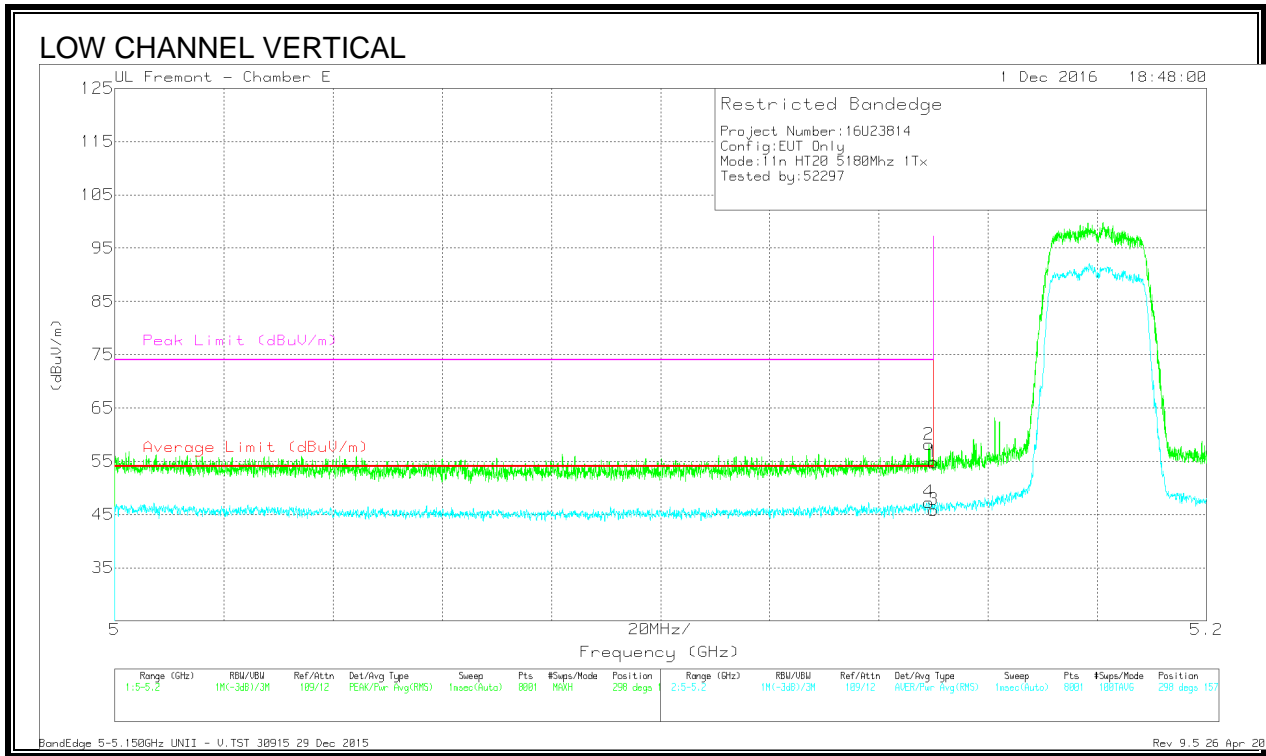


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	5.15	43.43	Pk	34.1	-18.8	58.73	-	-	74	-15.27	331	148	H
2	* 5.149	48.32	Pk	34.1	-18.8	63.62	-	-	74	-10.38	331	148	H
3	5.15	34.55	RMS	34.1	-18.8	49.85	54	-4.15	-	-	331	148	H
4	* 5.149	35.45	RMS	34.1	-18.8	50.75	54	-3.25	-	-	331	148	H

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

Pk - Peak detector

RMS - RMS detection

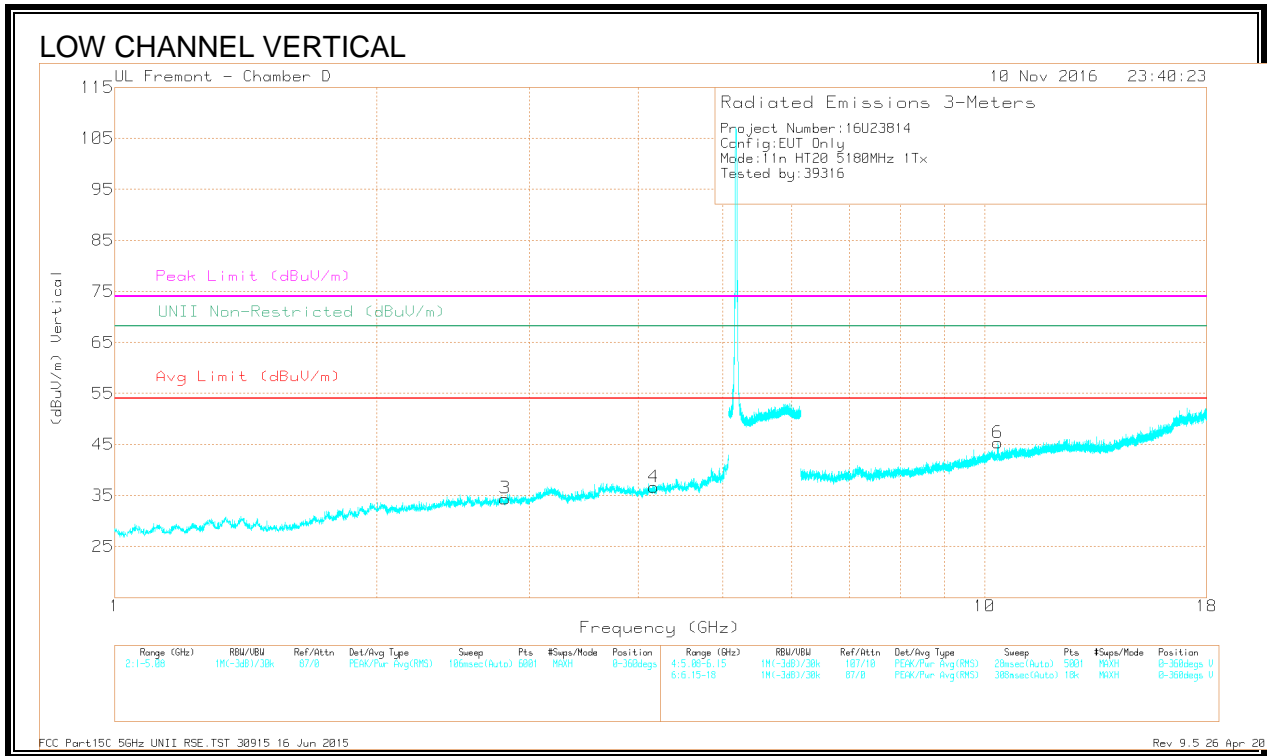
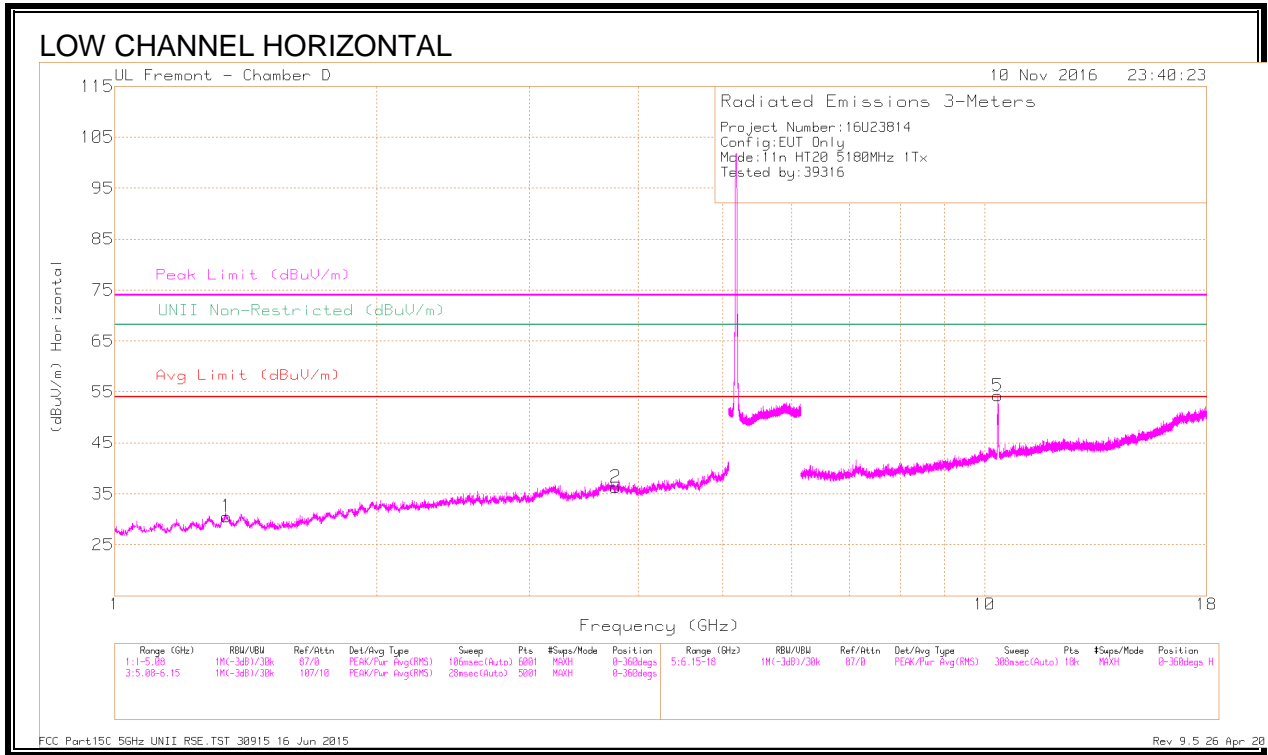


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	5.15	39.51	Pk	34.1	-18.8	54.81	-	-	74	-19.19	298	157	V
2	* 5.149	42.83	Pk	34.1	-18.8	58.13	-	-	74	-15.87	298	157	V
3	5.15	30.56	RMS	34.1	-18.8	45.86	54	-8.14	-	-	298	157	V
4	* 5.149	32.01	RMS	34.1	-18.8	47.31	54	-6.69	-	-	298	157	V

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

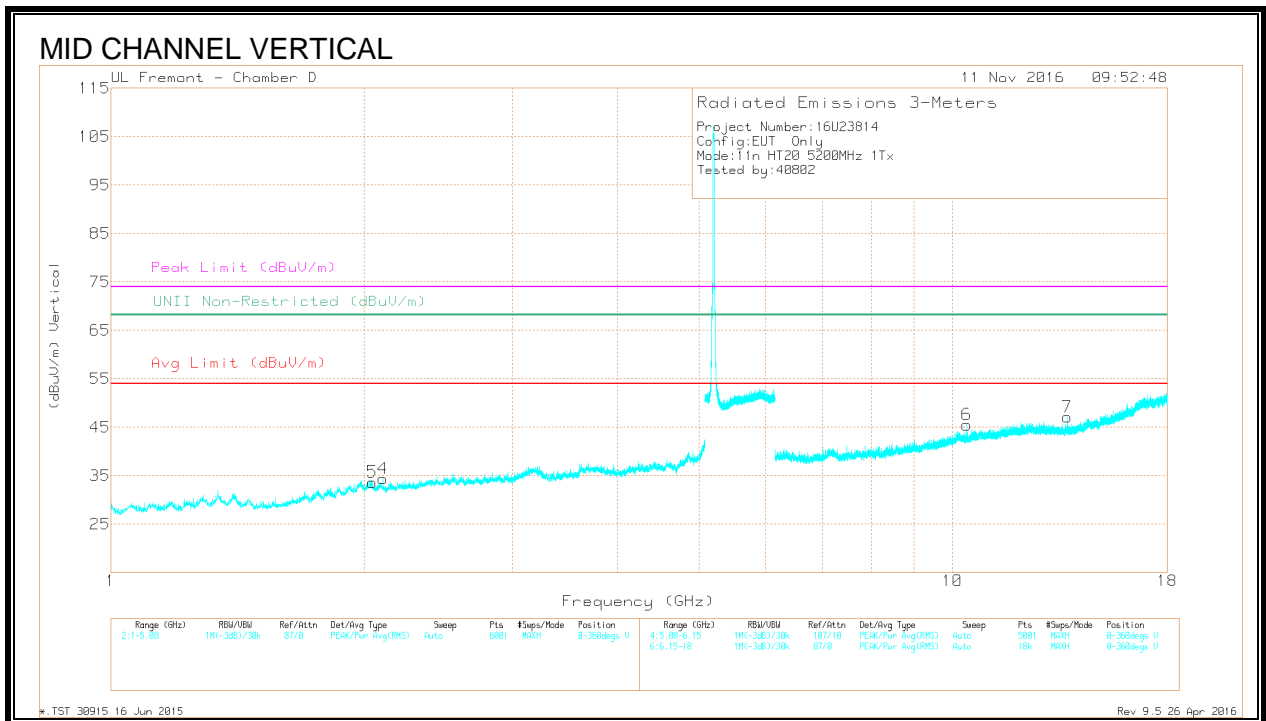
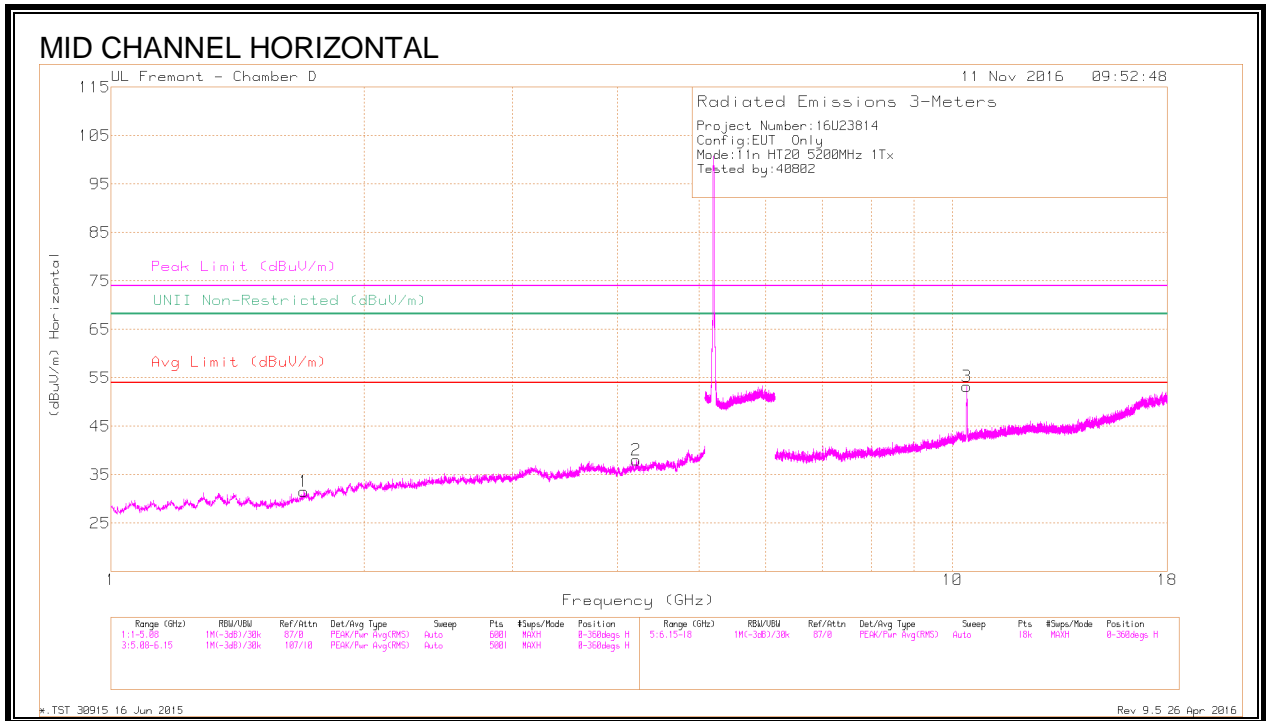
Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/PA d (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	* 1.346	40.22	PK-U	28.9	-31.3	37.82	-	-	74	-36.18	-	-	263	158	H
	* 1.344	30.06	ADR	28.9	-31.3	27.66	54	-26.34	-	-	-	-	263	158	H
2	* 3.768	38.6	PK-U	33.5	-28.6	43.5	-	-	74	-30.5	-	-	207	171	H
	* 3.768	27.84	ADR	33.5	-28.6	32.74	54	-21.26	-	-	-	-	207	171	H
3	* 2.811	38.64	PK-U	32.3	-29.3	41.64	-	-	74	-32.36	-	-	173	139	V
	* 2.812	27.93	ADR	32.3	-29.3	30.93	54	-23.07	-	-	-	-	173	139	V
4	* 4.164	38.52	PK-U	33.5	-28.2	43.82	-	-	74	-30.18	-	-	46	209	V
	* 4.164	27.94	ADR	33.5	-28.2	33.24	54	-20.76	-	-	-	-	46	209	V
5	10.355	45.41	PK-U	37.5	-21.2	61.71	-	-	-	-	68.2	-6.49	207	101	H
6	10.357	36.18	PK-U	37.6	-21.2	52.58	-	-	-	-	68.2	-15.62	211	113	V

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

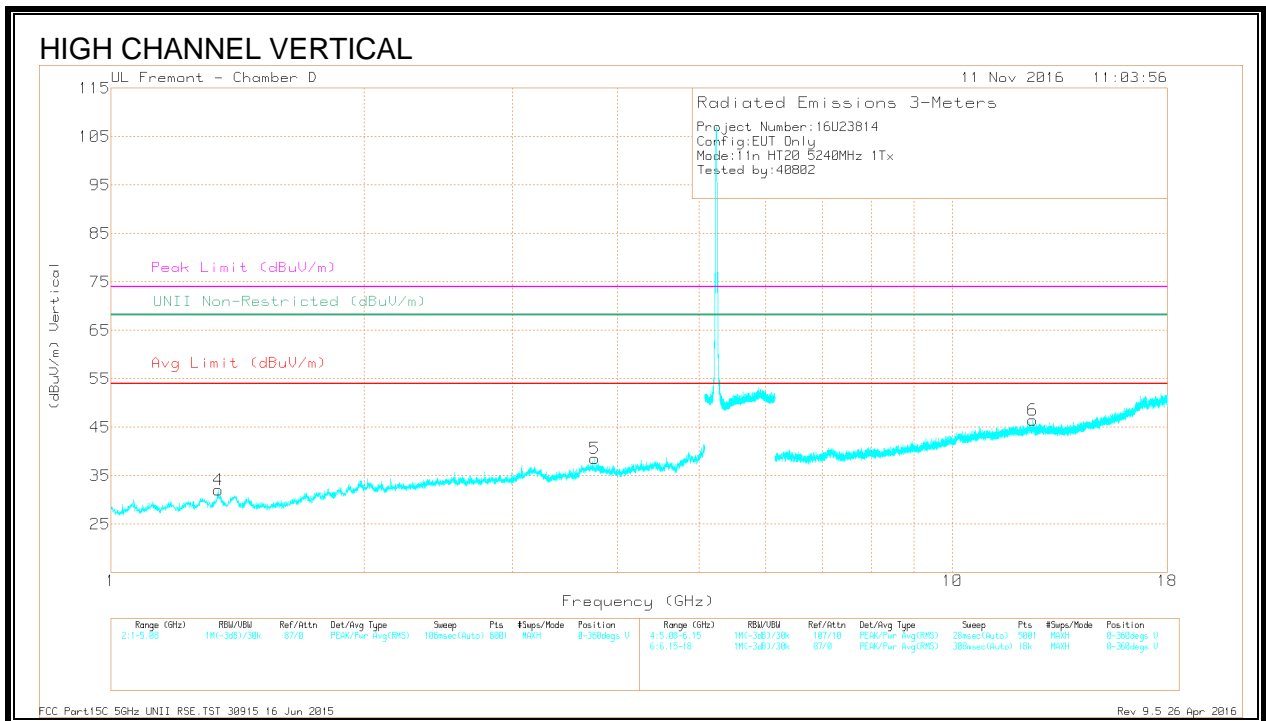
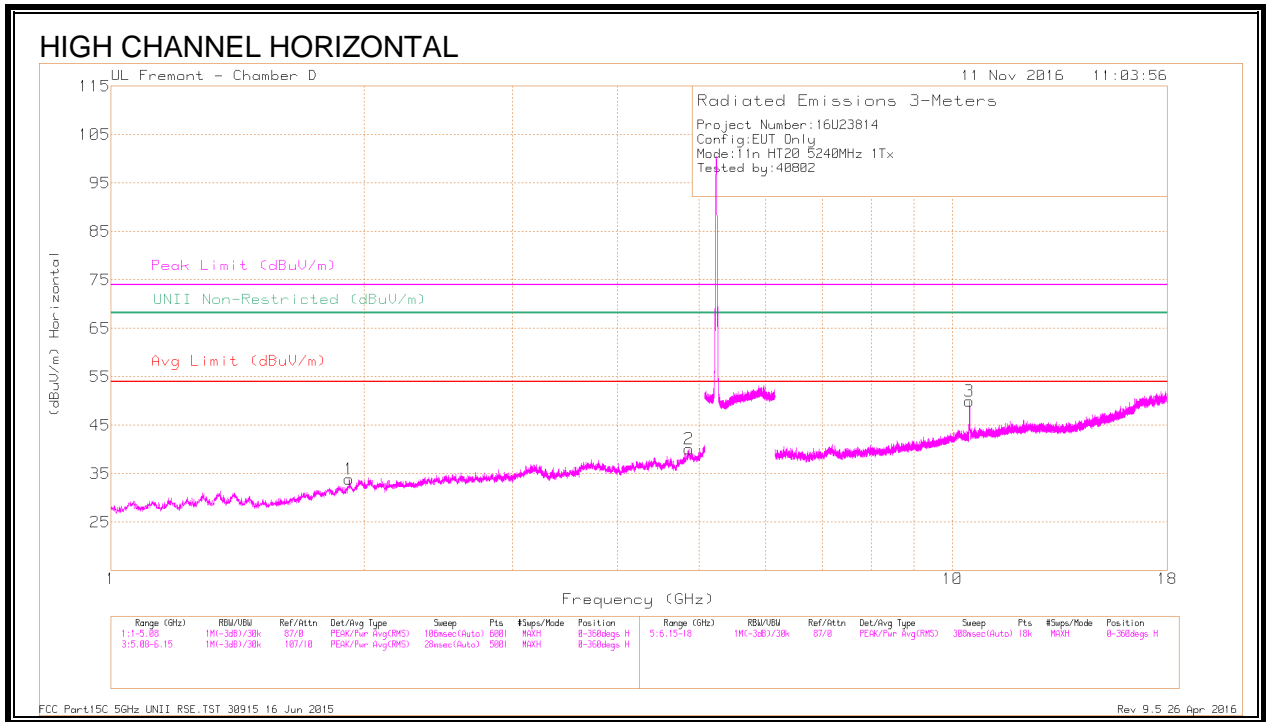


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.696	40.24	PK-U	29	-30.9	38.34	-	-	74	-35.66	-	-	209	262	H
	* 1.696	28.93	ADR	29	-30.9	27.03	54	-26.97	-	-	-	-	209	262	H
2	* 4.206	37.17	PK-U	33.5	-27.7	42.97	-	-	74	-31.03	-	-	208	313	H
	* 4.206	26.88	ADR	33.5	-27.7	32.68	54	-21.32	-	-	-	-	208	313	H
3	10.398	44.6	PK-U	37.6	-21.4	60.8	-	-	-	-	68.2	-7.4	57	182	H
4	2.104	39.63	PK-U	31.1	-30.5	40.23	-	-	-	-	68.2	-27.97	201	191	V
5	2.043	39.75	PK-U	31.4	-30.3	40.85	-	-	-	-	68.2	-27.35	53	337	V
6	10.399	35.23	PK-U	37.6	-21.4	51.43	-	-	-	-	68.2	-16.77	77	109	V
7	13.687	35.76	PK-U	38.6	-22.4	51.96	-	-	-	-	68.2	-16.24	119	342	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

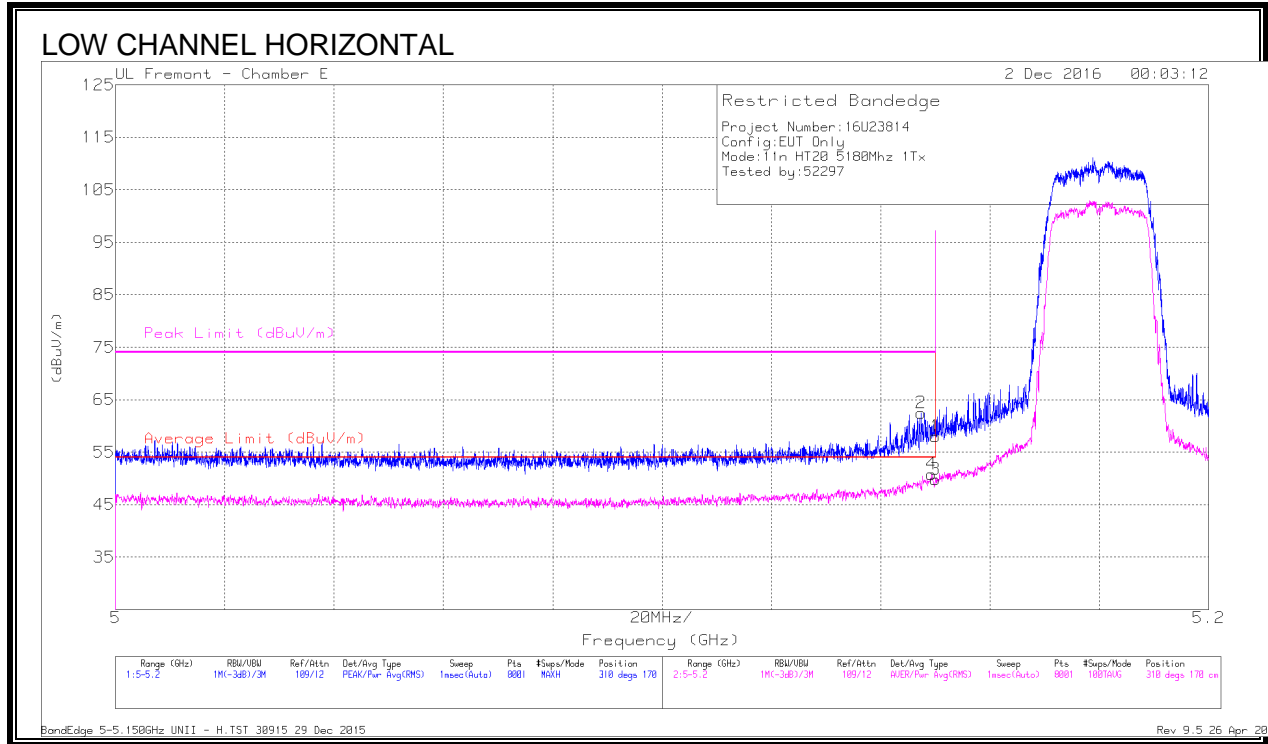


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.919	40.76	PK-U	31	-31.1	40.66	-	-	-	-	68.2	-27.54	180	123	H
2	* 4.861	36.69	PK-U	34.1	-25.2	45.59	-	-	74	-28.41	-	-	153	262	H
	* 4.862	26.08	ADR	34.1	-25.2	34.98	54	-19.02	-	-	-	-	153	262	H
3	10.478	45.58	PK-U	37.6	-21.2	61.98	-	-	-	-	68.2	-6.22	60	385	H
4	* 1.343	41.15	PK-U	28.9	-31.3	38.75	-	-	74	-35.25	-	-	31	397	V
	* 1.339	29.56	ADR	28.9	-31.3	27.16	54	-26.84	-	-	-	-	31	397	V
5	* 3.758	38.34	PK-U	33.5	-28.8	43.04	-	-	74	-30.96	-	-	168	238	V
	* 3.757	27.03	ADR	33.5	-28.8	31.73	54	-22.27	-	-	-	-	168	238	V
6	* 12.456	34.02	PK-U	39.1	-21.1	52.02	-	-	74	-21.98	-	-	90	123	V
	* 12.456	23.45	ADR	39.1	-21.1	41.45	54	-12.55	-	-	-	-	90	123	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

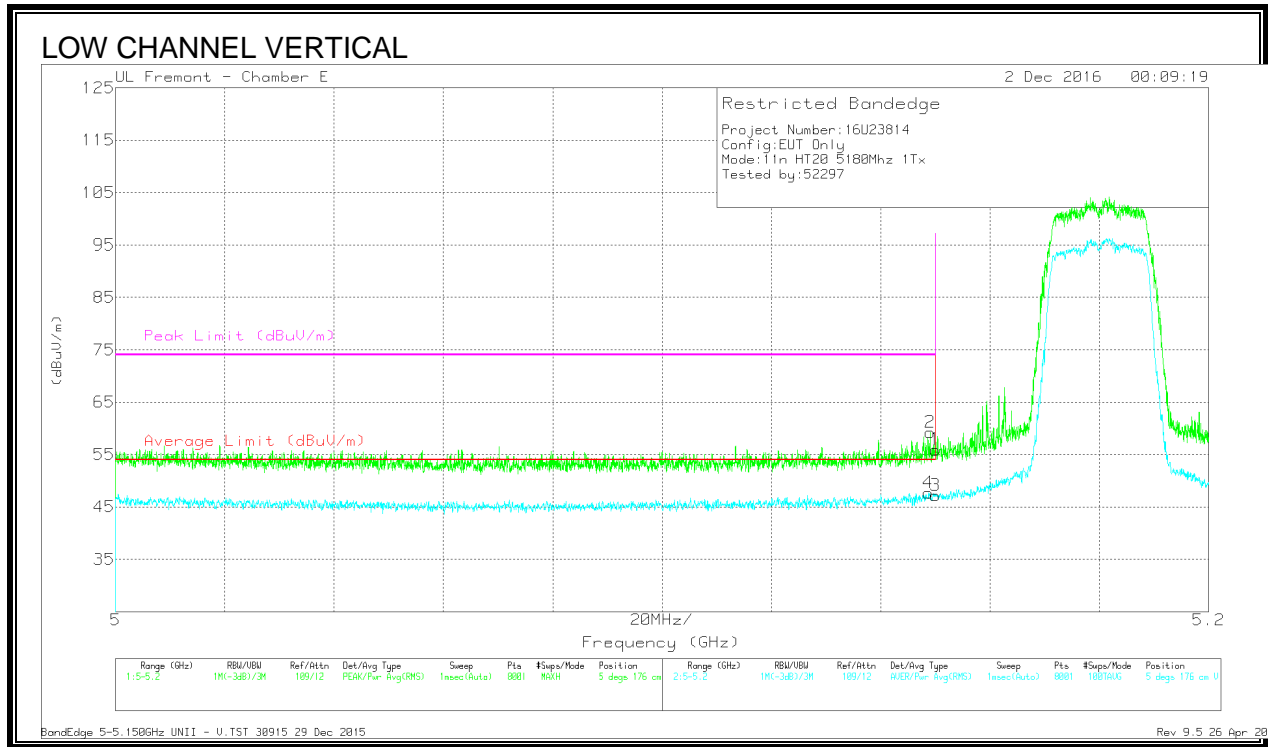
9.2.2. 11n HT20 ANTENNA B SISO MODE IN THE 5.2GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (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	42.7	Pk	34.1	-18.8	58	-	-	74	-16	310	170	H
2	* 5.147	47.21	Pk	34.1	-18.8	62.51	-	-	74	-11.49	310	170	H
3	5.15	34.45	RMS	34.1	-18.8	49.75	54	-4.25	-	-	310	170	H
4	* 5.149	35.46	RMS	34.1	-18.8	50.76	54	-3.24	-	-	310	170	H

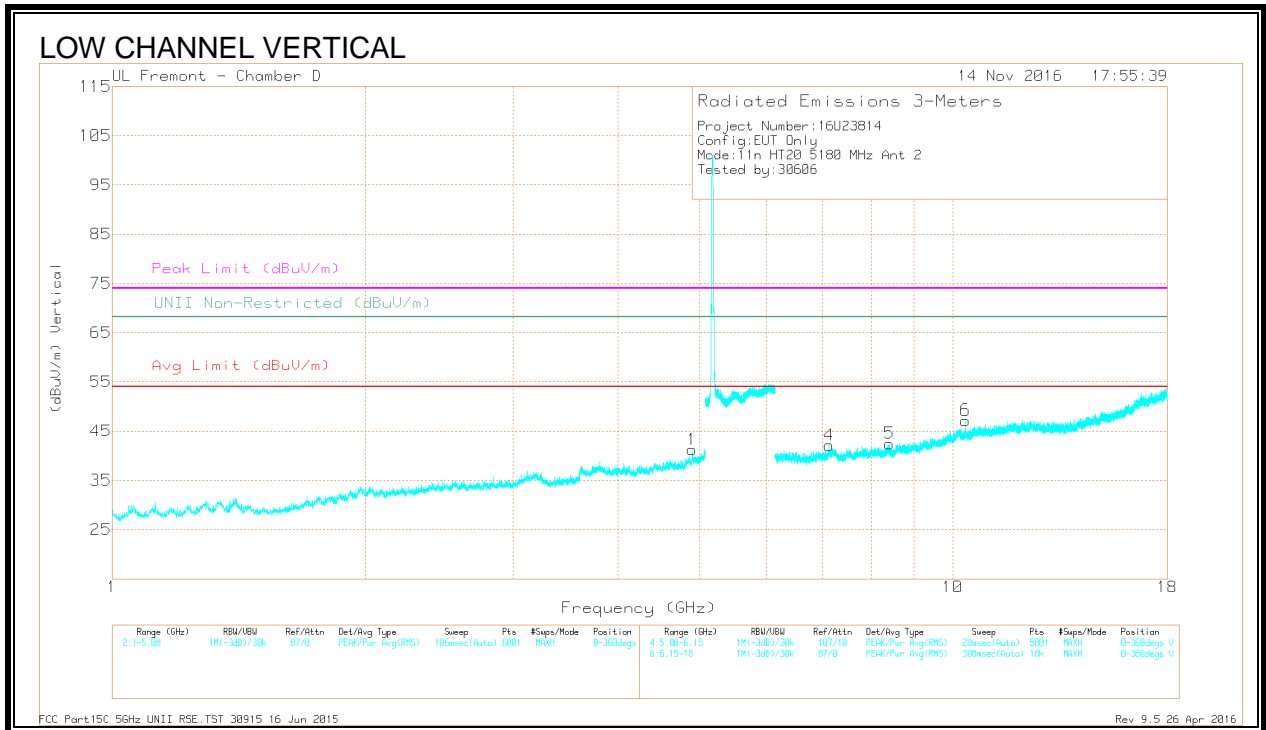
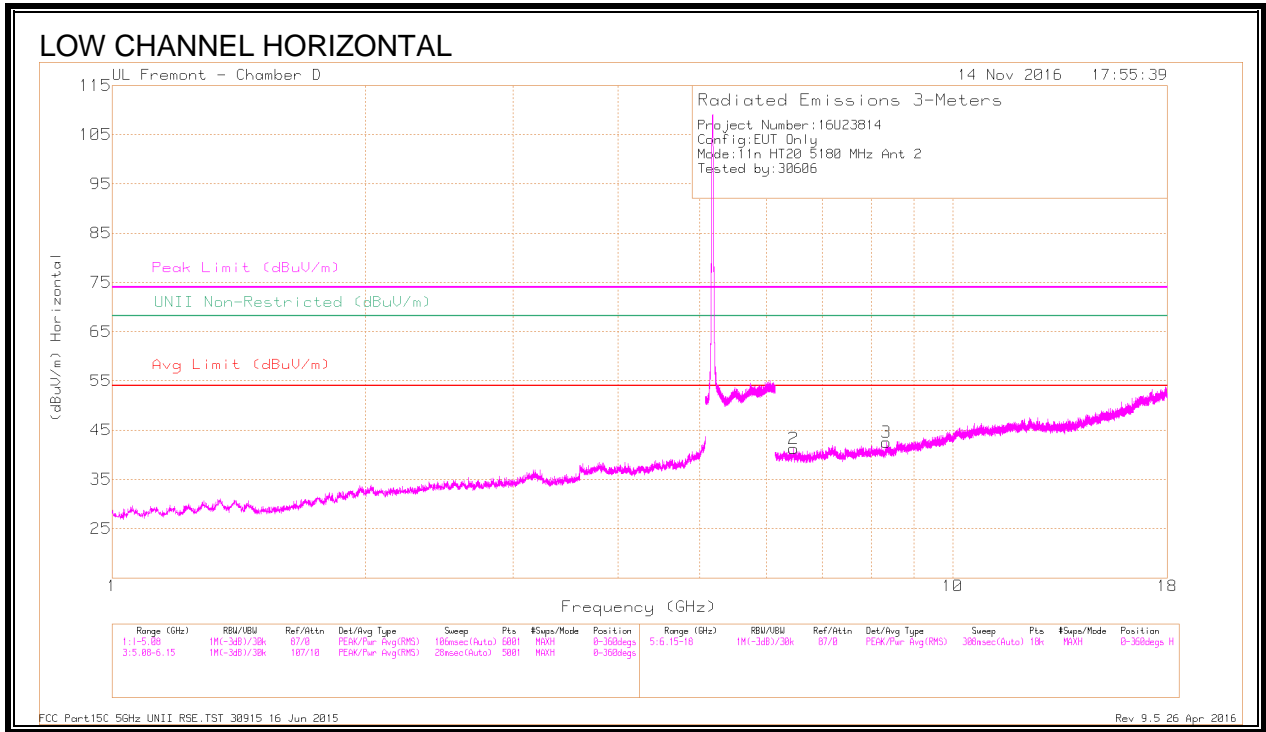
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/Filtr/Pad (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	40.64	Pk	34.1	-18.8	55.94	-	-	74	-18.06	5	176	V
2	* 5.149	43.94	Pk	34.1	-18.8	59.24	-	-	74	-14.76	5	176	V
3	5.15	31.93	RMS	34.1	-18.8	47.23	54	-6.77	-	-	5	176	V
4	* 5.149	32.36	RMS	34.1	-18.8	47.66	54	-6.34	-	-	5	176	V

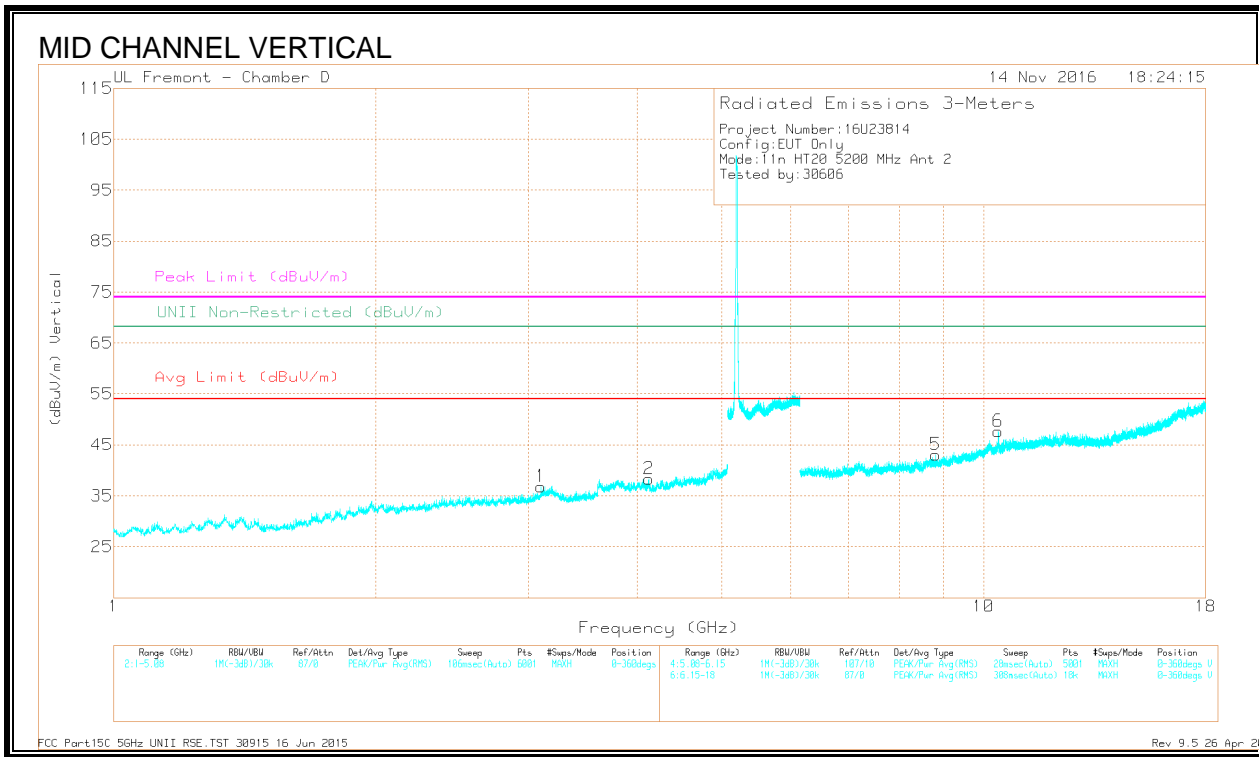
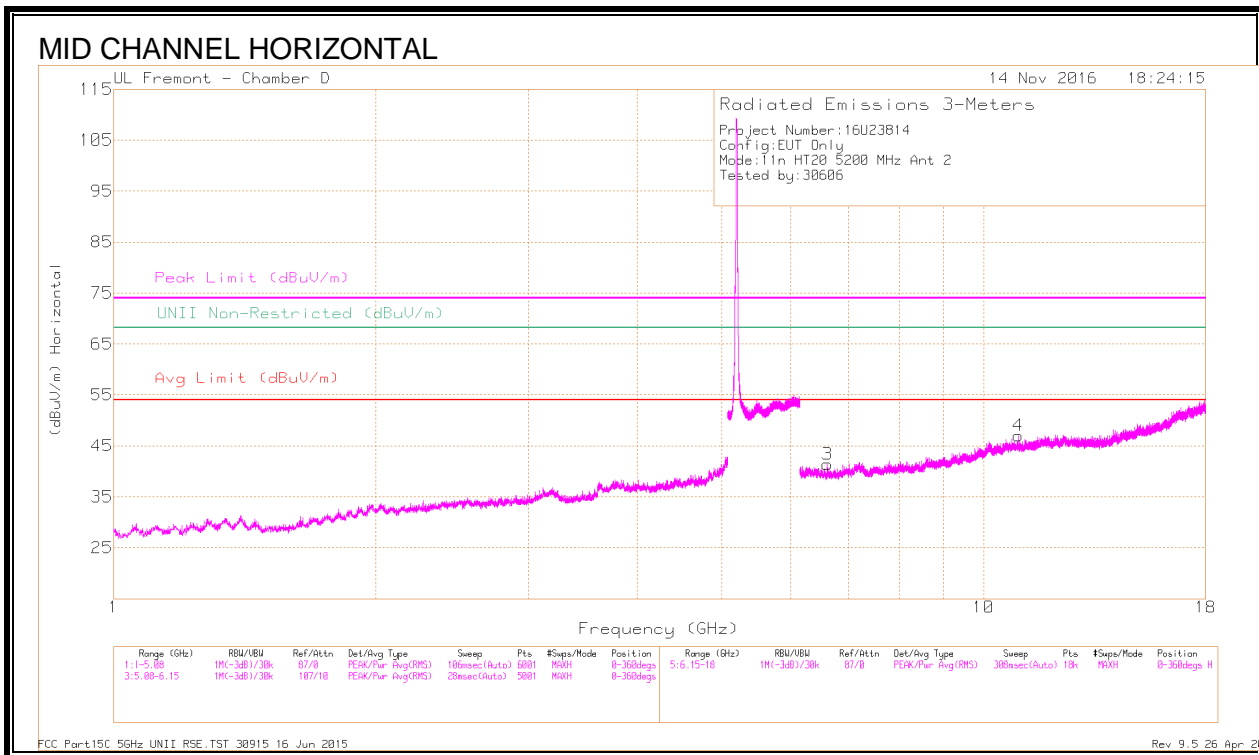
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS



Marker	Frequen cy (GHz)	Meter Readin g (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Correct ed Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimu th (Degs)	Heig ht (cm)	Polari ty
1	* 4.9	38.15	PK-U	34.1	-25.6	46.65	-	-	74	-27.35	-	-	138	101	V
	* 4.898	27.22	ADR	34.1	-25.5	35.82	54	-18.18	-	-	-	-	138	101	V
2	6.466	36.41	PK-U	35.6	-25.4	46.61	-	-	-	-	68.2	-21.59	54	200	H
3	* 8.341	35.59	PK-U	35.8	-23.5	47.89	-	-	74	-26.11	-	-	253	102	H
	* 8.341	24.97	ADR	35.8	-23.5	37.27	54	-16.73	-	-	-	-	253	102	H
4	7.124	35.71	PK-U	35.8	-23.9	47.61	-	-	-	-	68.2	-20.59	297	200	V
5	* 8.409	35.82	PK-U	35.8	-23.6	48.02	-	-	74	-25.98	-	-	217	200	V
	* 8.408	25.31	ADR	35.8	-23.6	37.51	54	-16.49	-	-	-	-	217	200	V
6	10.354	36.83	PK-U	37.5	-21.2	53.13	-	-	-	-	68.2	-15.07	257	165	V

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

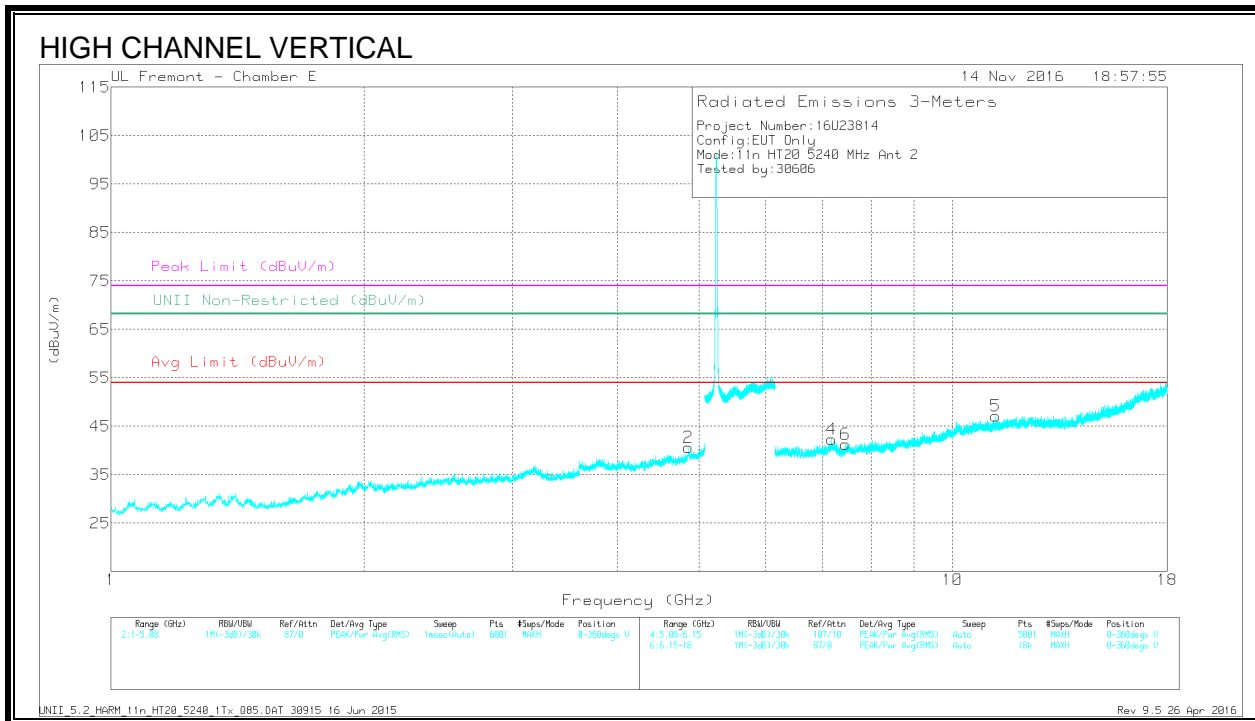
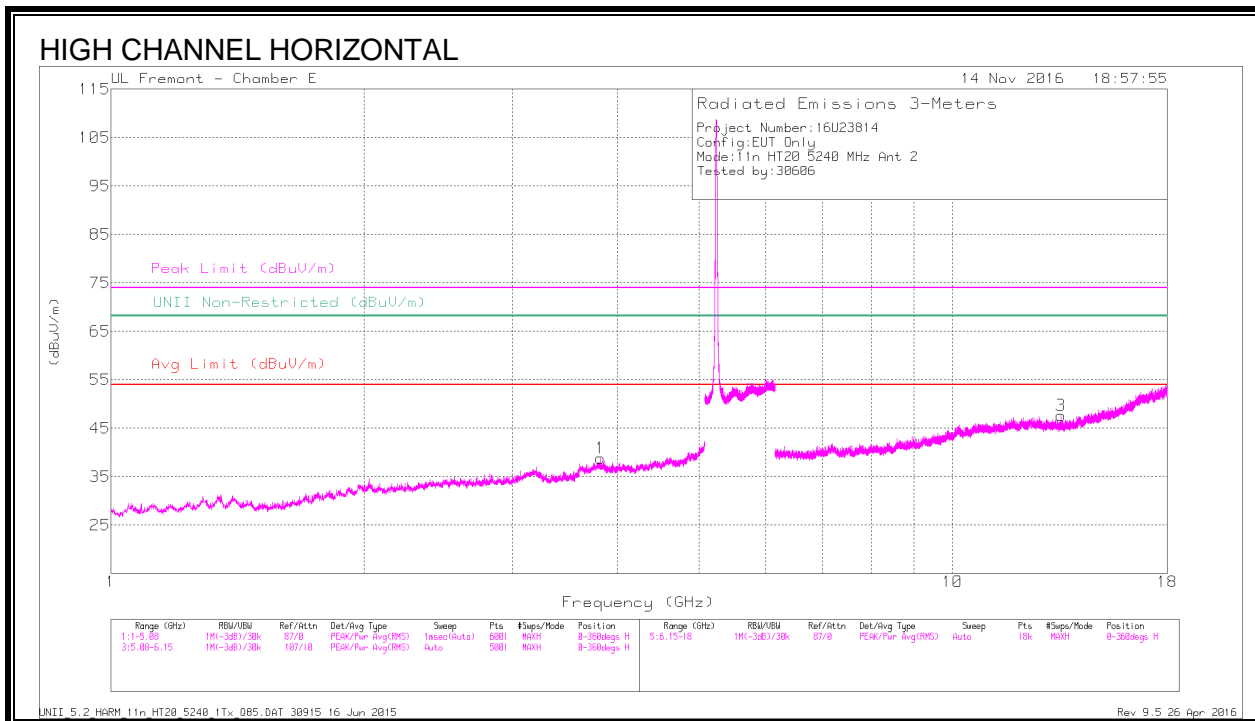


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filtr/Paid (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.097	38.86	PK-U	33.1	-28.7	43.26	-	-	-	-	68.2	-24.94	299	200	V
2	* 4.125	39.06	PK-U	33.5	-28.3	44.26	-	-	74	-29.74	-	-	241	200	V
	* 4.124	28.32	ADR	33.5	-28.3	33.52	54	-20.48	-	-	-	-	241	200	V
3	6.615	38.28	PK-U	35.6	-25.8	48.08	-	-	-	-	68.2	-20.12	141	285	H
4	* 10.968	34.59	PK-U	38	-21.1	51.49	-	-	74	-22.51	-	-	0	275	H
	* 10.97	24.45	ADR	38	-21.1	41.35	54	-12.65	-	-	-	-	0	275	H
5	8.811	35.94	PK-U	36	-22.7	49.24	-	-	-	-	68.2	-18.96	202	162	V
6	10.398	41.53	PK-U	37.6	-21.4	57.73	-	-	-	-	68.2	-10.47	98	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



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (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	* 3.817	39.19	PK-U	33.5	-28.4	44.29	-	-	74	-29.71	-	-	214	101	H
	* 3.818	28.58	ADR	33.5	-28.4	33.68	54	-20.32	-	-	-	-	214	101	H
2	* 4.852	37.61	PK-U	34.1	-25.4	46.31	-	-	74	-27.69	-	-	117	279	V
	* 4.852	26.86	ADR	34.1	-25.4	35.56	54	-18.44	-	-	-	-	117	279	V
3	13.467	36.57	PK-U	38.8	-22.2	53.17	-	-	-	-	68.2	-15.03	33	233	H
4	7.189	35.81	PK-U	35.7	-23.4	48.11	-	-	-	-	68.2	-20.09	67	201	V
5	* 11.263	35.12	PK-U	38.2	-21.3	52.02	-	-	74	-21.98	-	-	73	220	V
	* 11.261	24.8	ADR	38.2	-21.3	41.7	54	-12.3	-	-	-	-	73	220	V
6	* 7.456	36.45	PK-U	35.7	-24.6	47.55	-	-	74	-26.45	-	-	51	349	V
	* 7.456	25.54	ADR	35.7	-24.6	36.64	54	-17.36	-	-	-	-	51	349	V

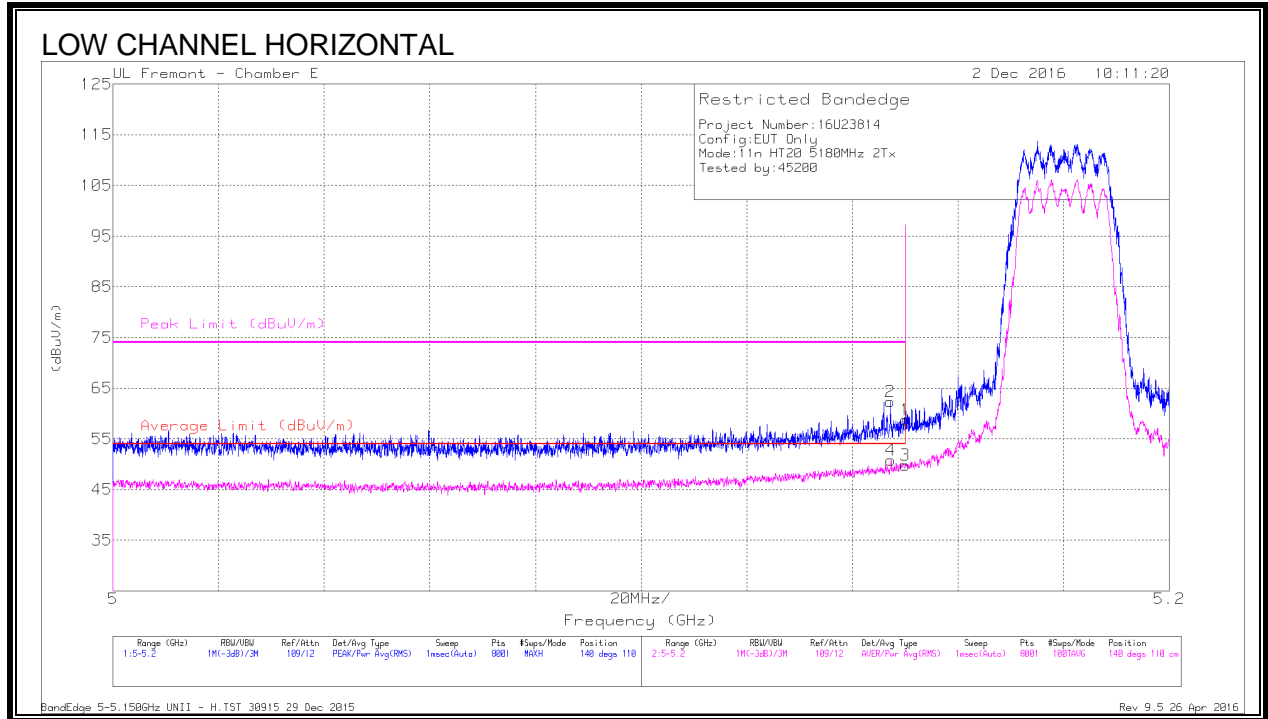
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

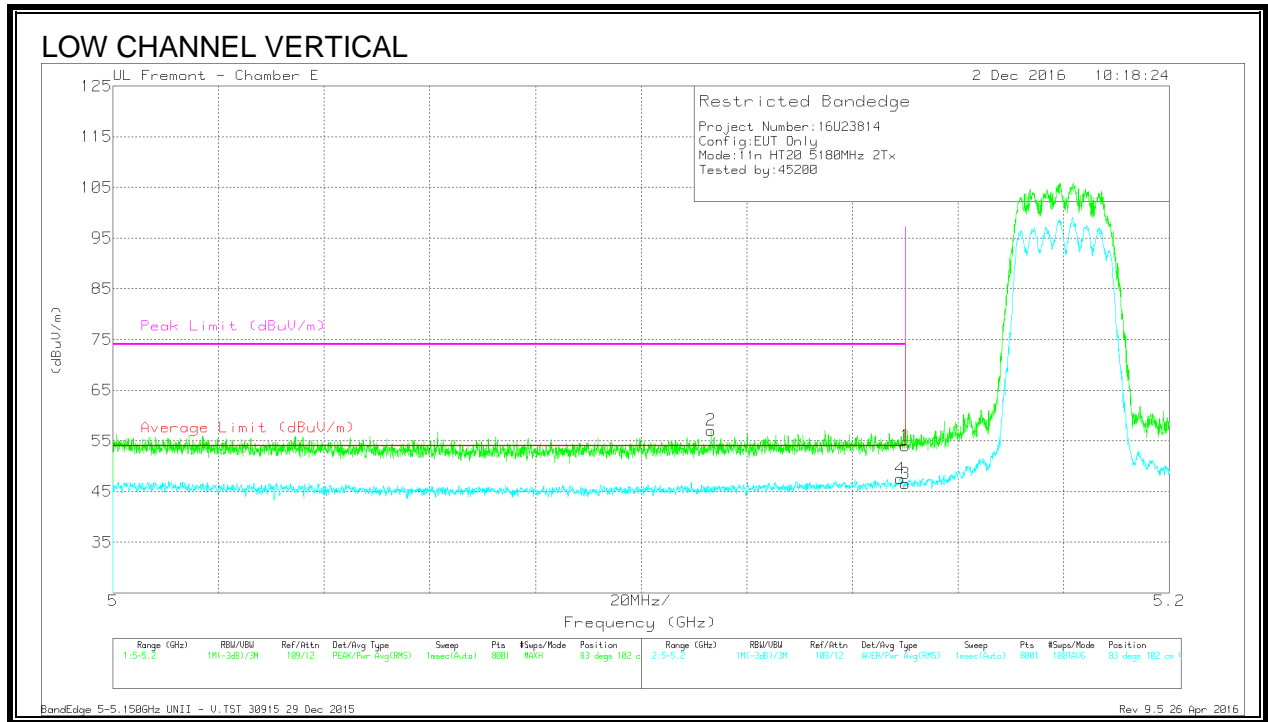
9.2.3. 11n HT20 2TX CDD MIMO MODE IN THE 5.2GHZ BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl /Ftr/Pad (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	43.49	Pk	34.1	-18.8	58.79	-	-	74	-15.21	140	110	H
2	* 5.147	47.04	Pk	34.1	-18.8	62.34	-	-	74	-11.66	140	110	H
3	5.15	34.48	RMS	34.1	-18.8	49.78	54	-4.22	-	-	140	110	H
4	* 5.147	35.44	RMS	34.1	-18.8	50.74	54	-3.26	-	-	140	110	H

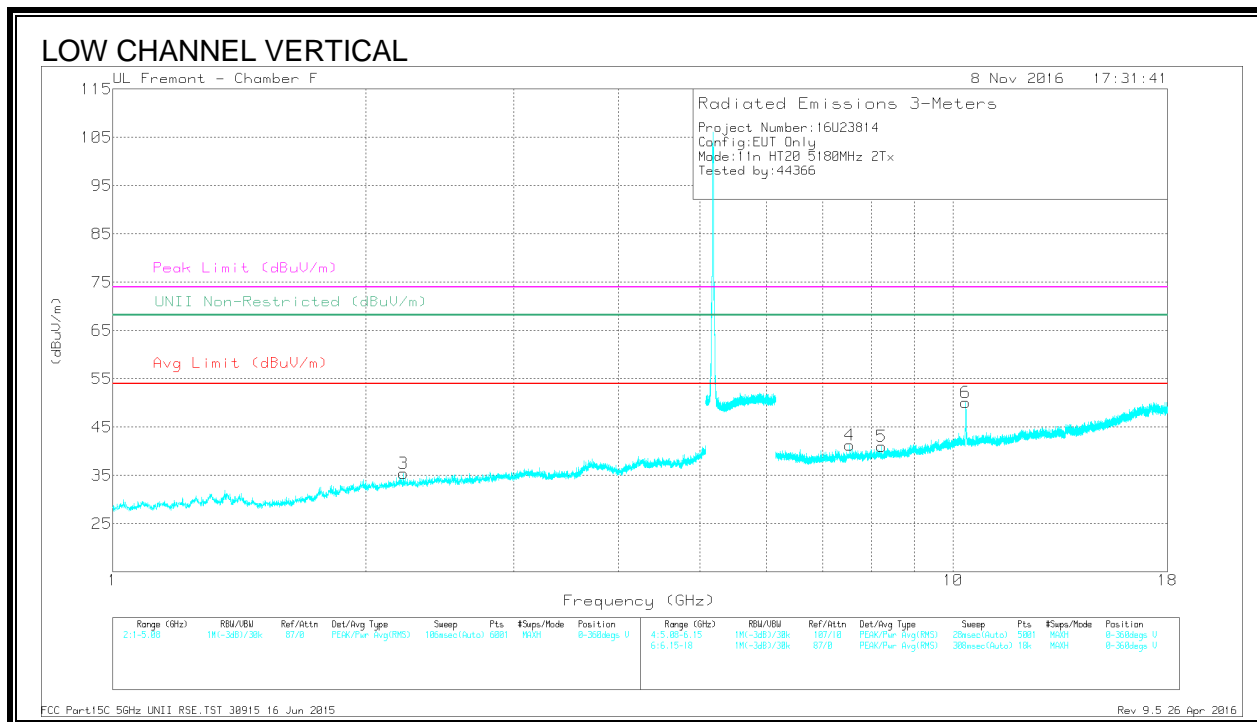
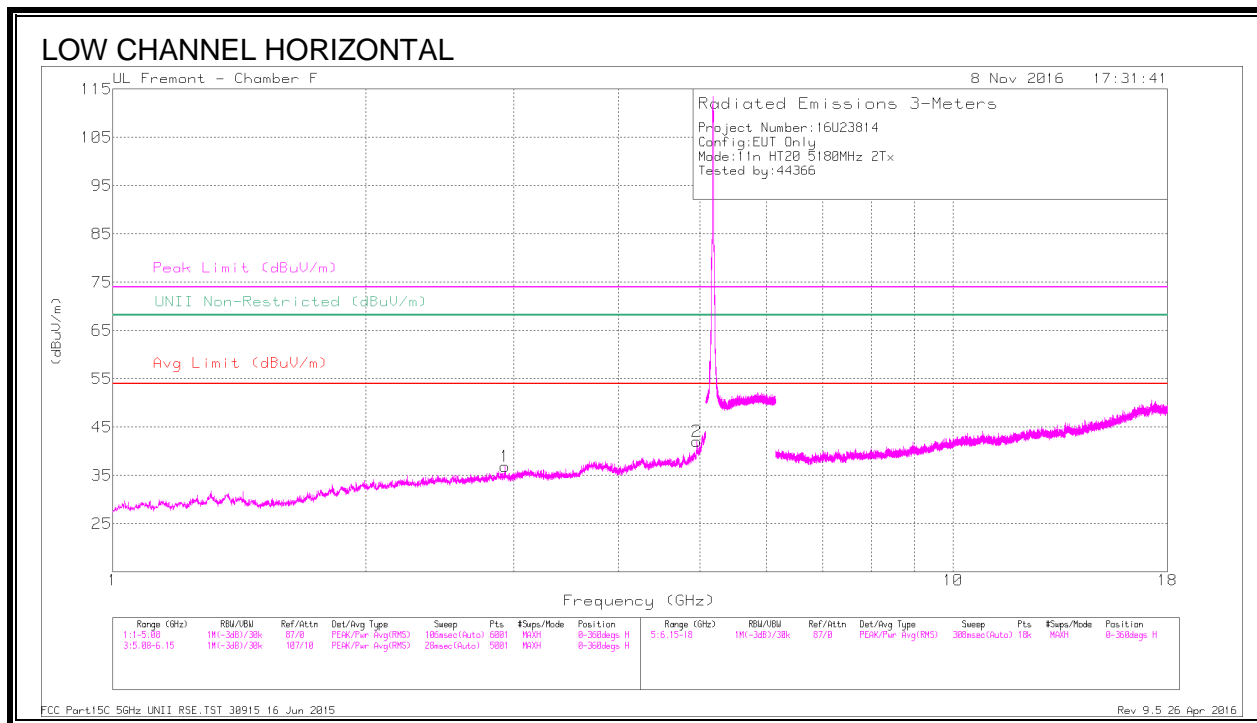
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/Filtr/Paid (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	38.66	Pk	34.1	-18.8	53.96	-	-	74	-20.04	83	102	V
2	* 5.113	41.76	Pk	34	-18.7	57.06	-	-	74	-16.94	83	102	V
3	5.15	31.3	RMS	34.1	-18.8	46.6	54	-7.4	-	-	83	102	V
4	* 5.149	32.22	RMS	34.1	-18.8	47.52	54	-6.48	-	-	83	102	V

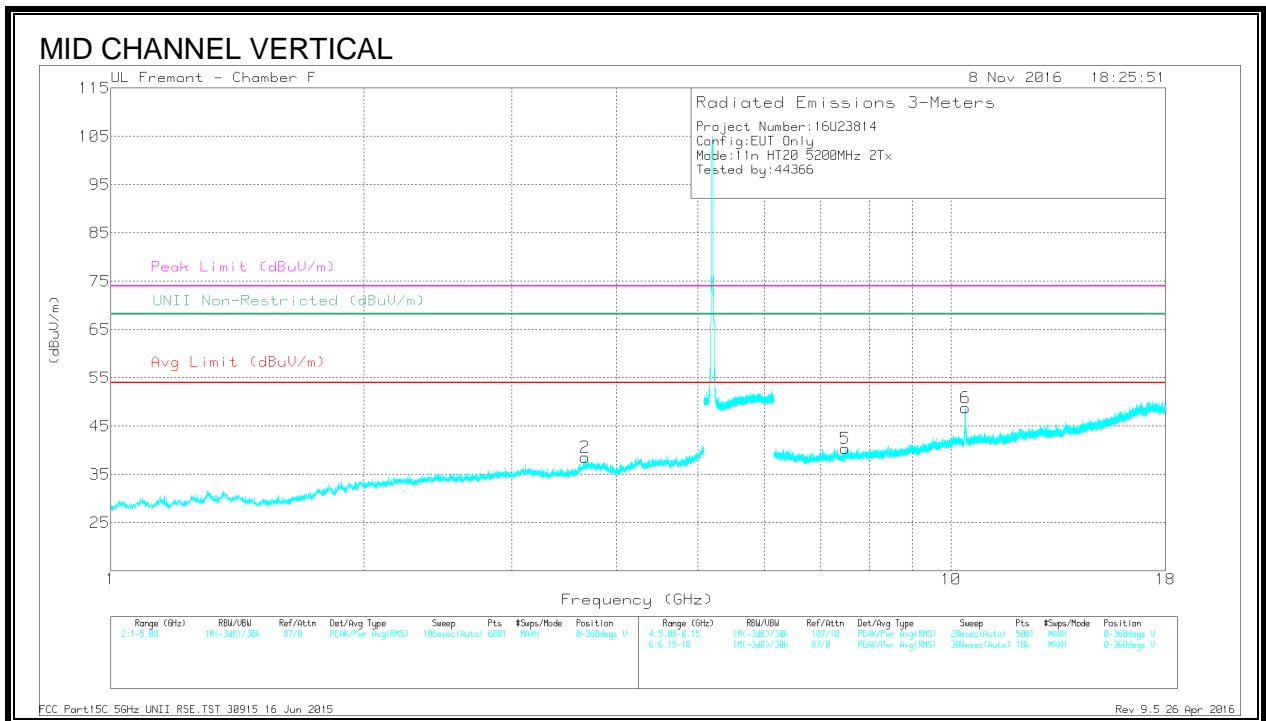
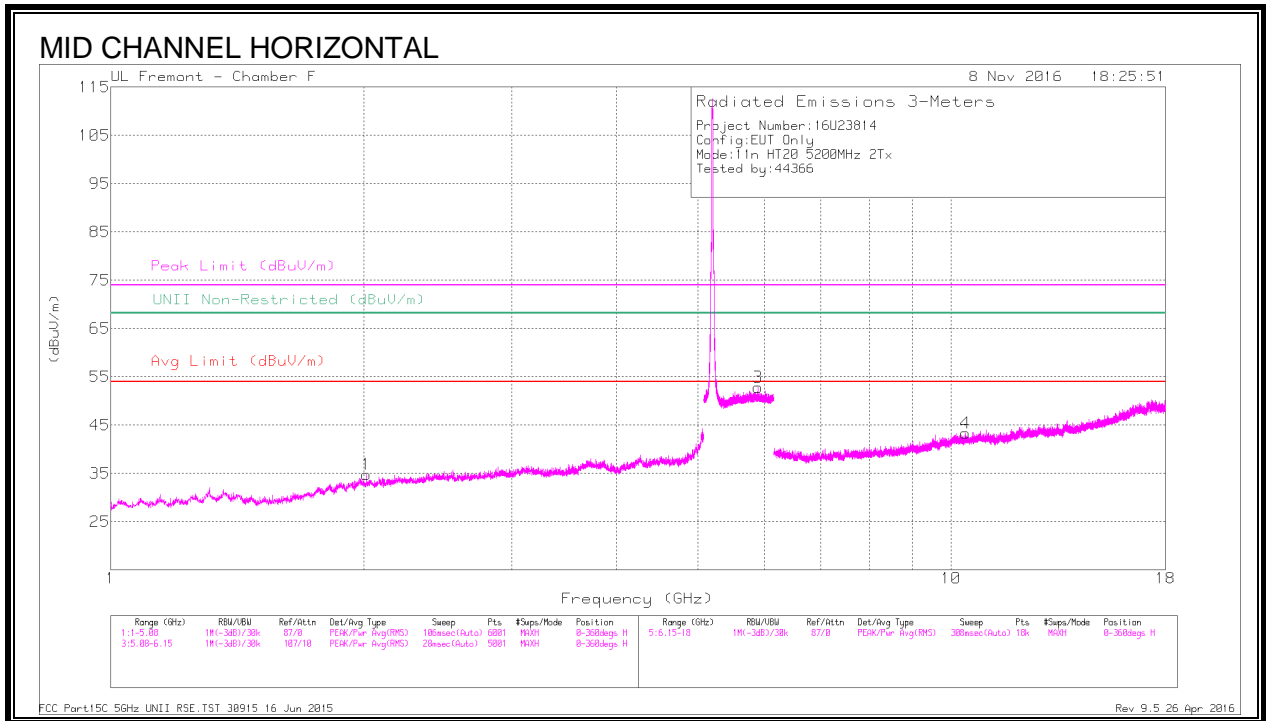
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS



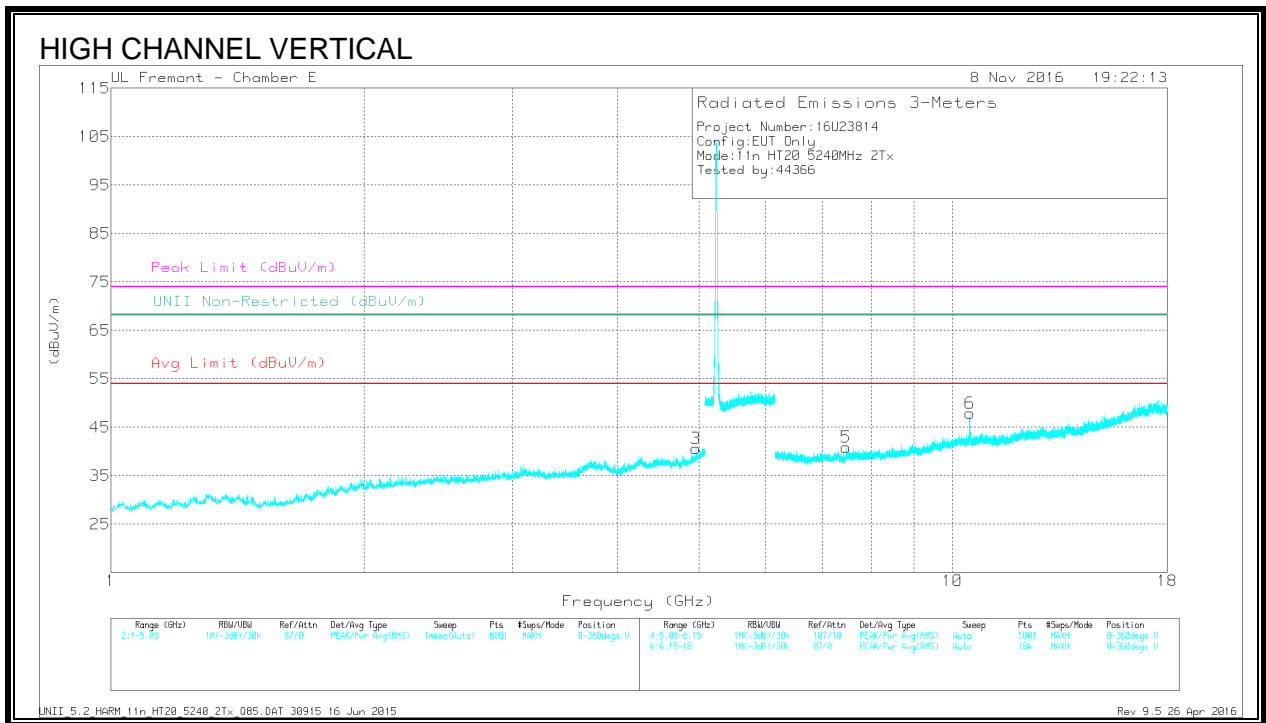
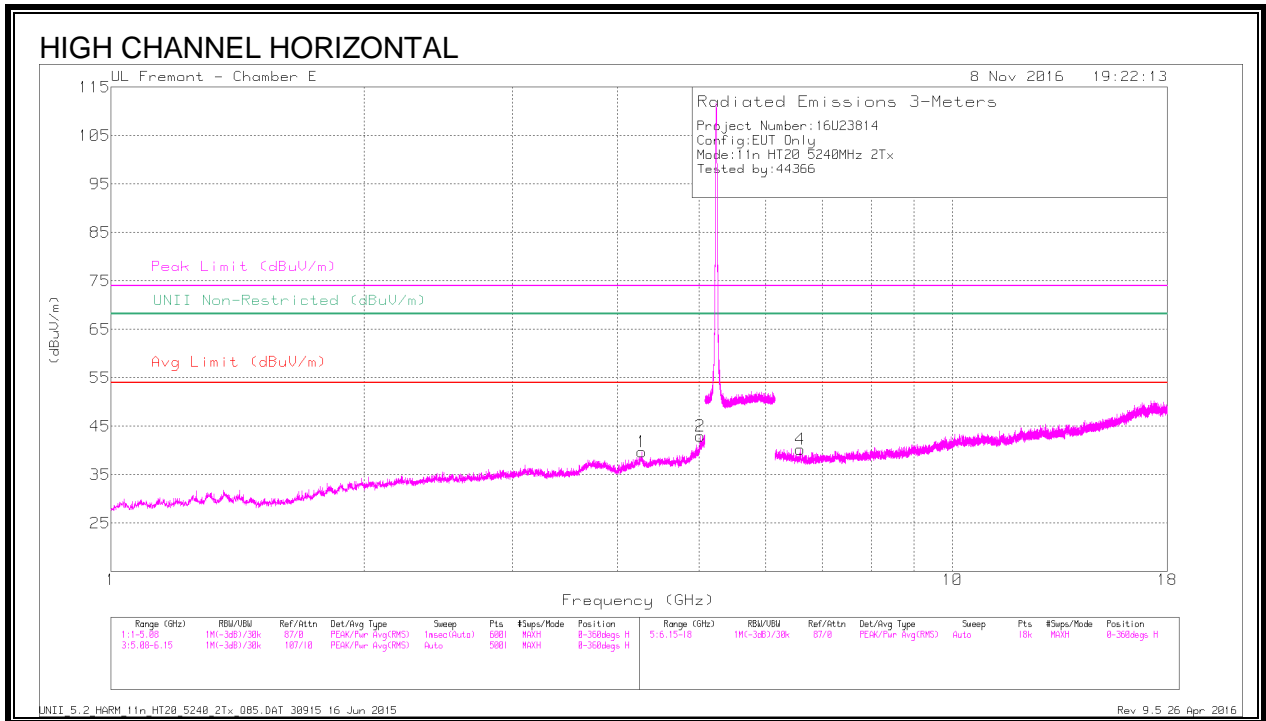
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	Correct ed Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimu th (Degs)	Heig ht (cm)	Polari ty
1	2.93	39.58	PK-U	32.6	-29.5	42.68	-	-	-	-	68.2	-25.52	283	196	H
2	* 4.957	42.13	PK-U	34.1	-27	49.23	-	-	74	-24.77	-	-	202	141	H
	* 4.956	31.06	ADR	34.1	-27	38.16	54	-15.84	-	-	-	-	202	141	H
3	* 2.217	39.64	PK-U	31.9	-30.4	41.14	-	-	74	-32.86	-	-	350	210	V
	* 2.219	28.7	ADR	31.9	-30.4	30.2	54	-23.8	-	-	-	-	350	210	V
4	* 7.535	35.98	PK-U	35.6	-24.8	46.78	-	-	74	-27.22	-	-	217	115	V
	* 7.535	24.97	ADR	35.6	-24.8	35.77	54	-18.23	-	-	-	-	217	115	V
5	* 8.227	35.59	PK-U	35.8	-24.9	46.49	-	-	74	-27.51	-	-	38	357	V
	* 8.229	24.76	ADR	35.8	-24.9	35.66	54	-18.34	-	-	-	-	38	357	V
6	10.362	41.49	PK-U	37.3	-21.7	57.09	-	-	-	-	68.2	-11.11	274	145	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



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	Correct ed Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimu th (Degs)	Heig ht (cm)	Polari ty
1	2.014	39.85	PK-U	31.5	-30.8	40.55	-	-	-	-	68.2	-27.65	311	236	H
2	* 3.666	38.52	PK-U	33.2	-29	42.72	-	-	74	-31.28	-	-	156	158	V
	* 3.666	27.51	ADR	33.2	-29	31.71	54	-22.29	-	-	-	-	156	158	V
3	5.894	41.09	PK-U	35.3	-18.4	57.99	-	-	-	-	68.2	-10.21	14	261	H
4	10.401	35.65	PK-U	37.3	-21.3	51.65	-	-	-	-	68.2	-16.55	204	373	H
5	* 7.488	35.71	PK-U	35.6	-25.3	46.01	-	-	74	-27.99	-	-	58	179	V
	* 7.486	25.56	ADR	35.6	-25.4	35.76	54	-18.24	-	-	-	-	58	179	V
6	10.4	42.23	PK-U	37.3	-21.3	58.23	-	-	-	-	68.2	-9.97	245	109	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



markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.274	38.68	PK-U	33.7	-26.6	45.78	-	-	74	-28.22	-	-	95	304	H
	* 4.272	26.59	ADR	33.7	-26.6	33.69	54	-20.31	-	-	-	-	95	304	H
2	* 5.012	42.51	PK-U	34.2	-26.7	50.01	-	-	74	-23.99	-	-	206	149	H
	* 5.014	31.69	ADR	34.2	-26.7	39.19	54	-14.81	-	-	-	-	206	149	H
3	* 4.956	37.99	PK-U	34.1	-27	45.09	-	-	74	-28.91	-	-	190	203	V
	* 4.955	27.44	ADR	34.1	-27.1	34.44	54	-19.56	-	-	-	-	190	203	V
4	6.587	35.63	PK-U	35.4	-25.5	45.53	-	-	-	-	68.2	-22.67	300	323	H
5	* 7.476	36.17	PK-U	35.6	-25.6	46.17	-	-	74	-27.83	-	-	224	307	V
	* 7.479	25.56	ADR	35.6	-25.5	35.66	54	-18.34	-	-	-	-	224	307	V
6	10.48	39.15	PK-U	37.4	-21.5	55.05	-	-	-	-	68.2	-13.15	244	112	V

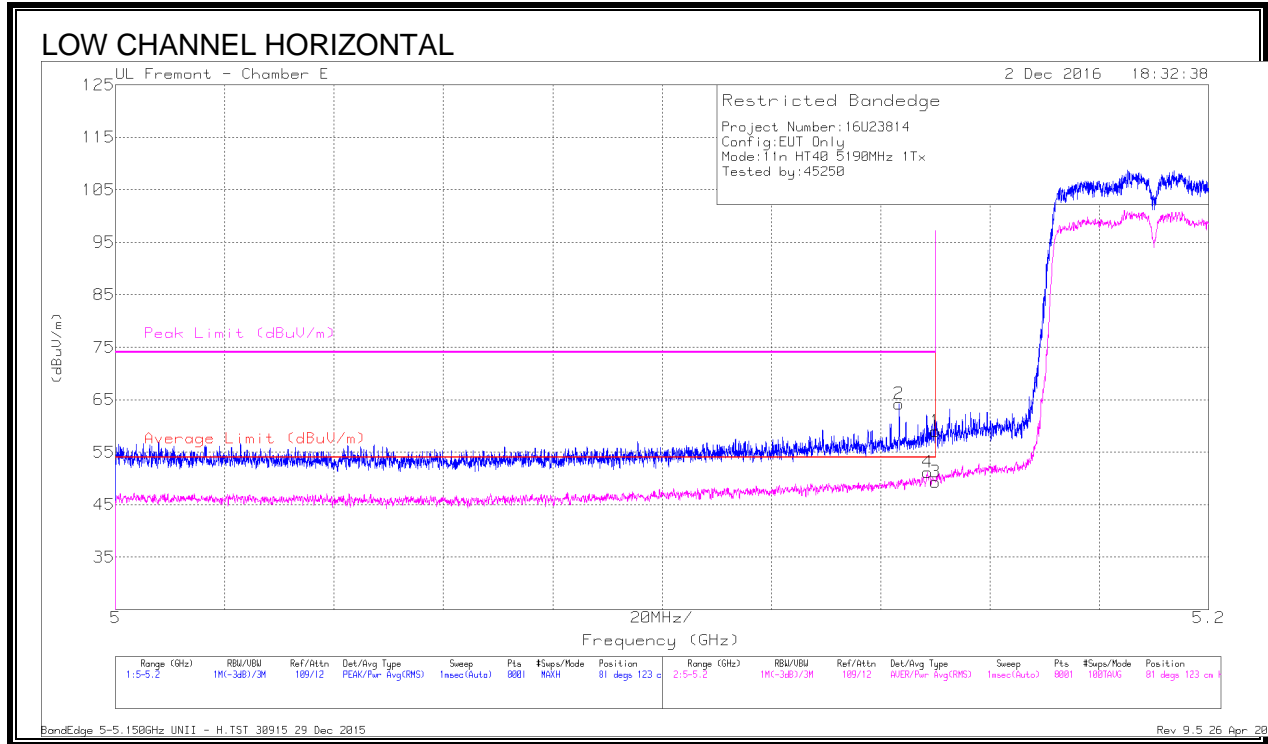
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

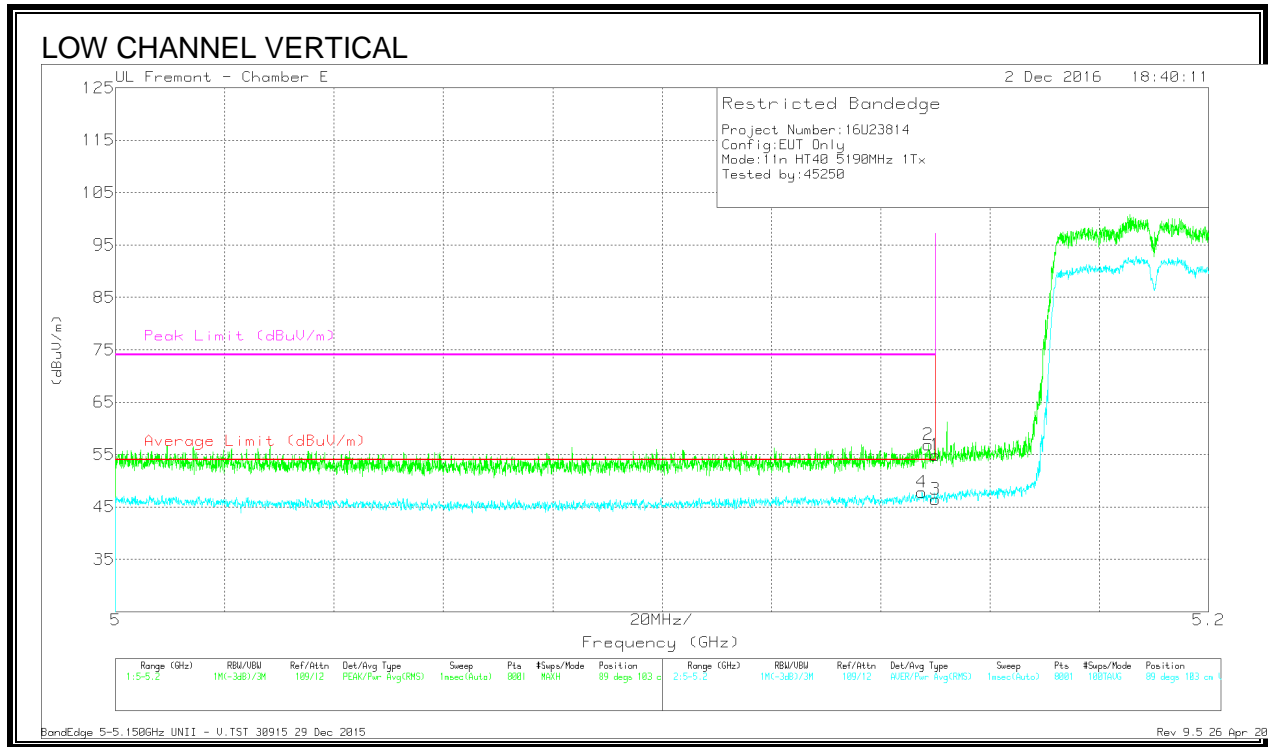
9.2.4. 11n HT40 ANTENNA A SISO MODE IN THE 5.2GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/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)	Polarization
1	5.15	43.64	Pk	34.1	-18.8	0	58.94	-	-	74	-15.06	81	123	H
2	* 5.143	48.92	Pk	34.1	-18.8	0	64.22	-	-	74	-9.78	81	123	H
3	5.15	33.88	RMS	34.1	-18.8	.1	49.28	54	-4.72	-	-	81	123	H
4	* 5.149	35.8	RMS	34.1	-18.8	.1	51.2	54	-2.8	-	-	81	123	H

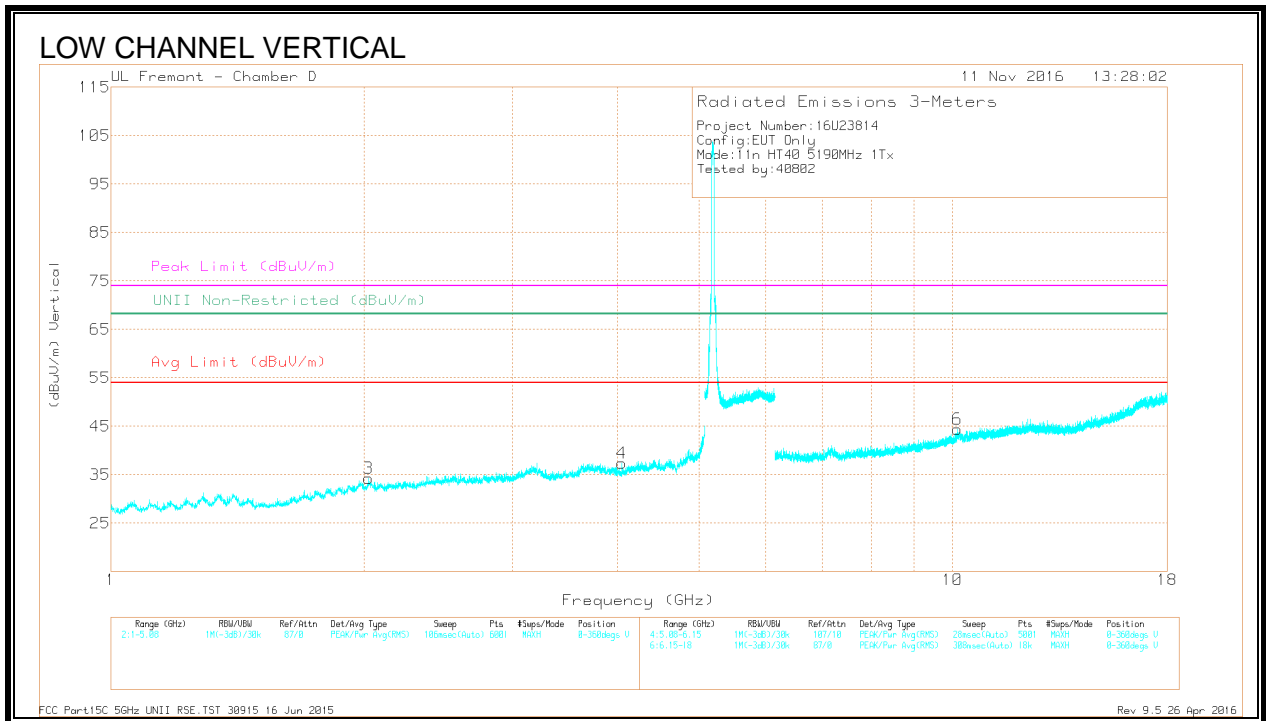
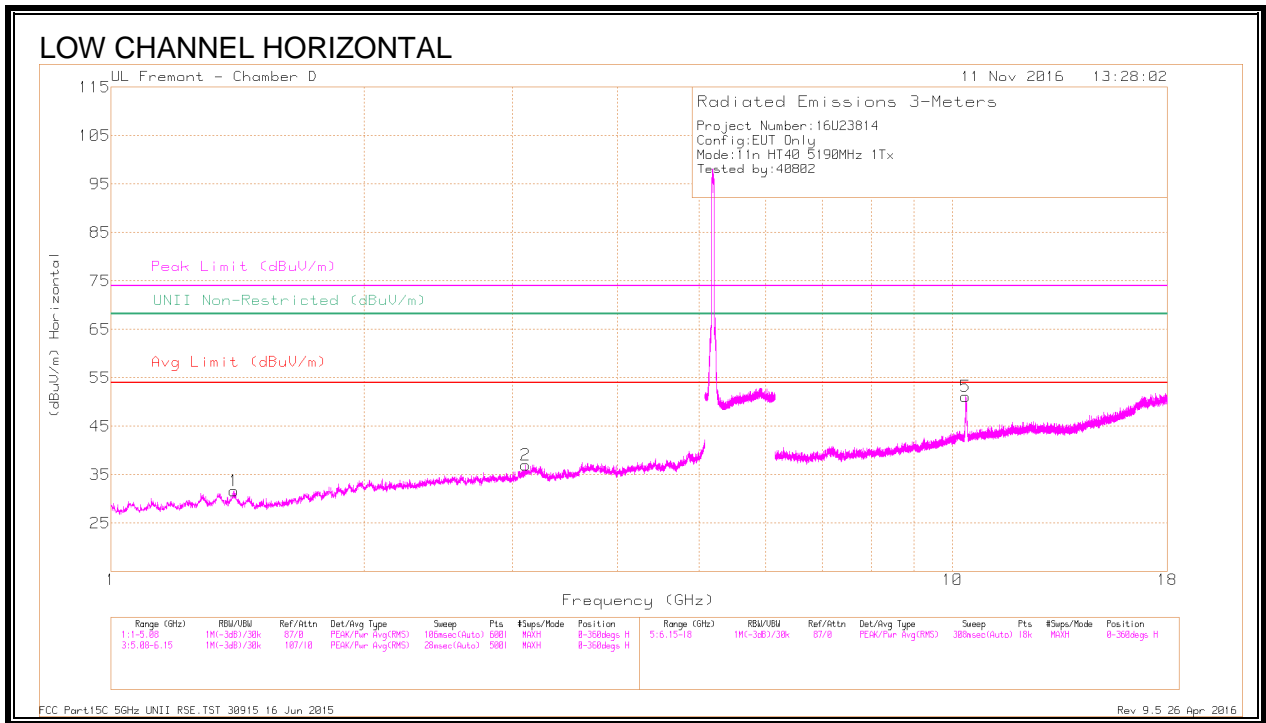
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/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	39.59	Pk	34.1	-18.8	0	54.89	-	-	74	-19.11	89	103	V
2	* 5.149	41.56	Pk	34.1	-18.8	0	56.86	-	-	74	-17.14	89	103	V
3	5.15	31.08	RMS	34.1	-18.8	.1	46.48	54	-7.52	-	-	89	103	V
4	* 5.148	32.4	RMS	34.1	-18.8	.1	47.8	54	-6.2	-	-	89	103	V

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

HARMONICS AND SPURIOUS EMISSIONS

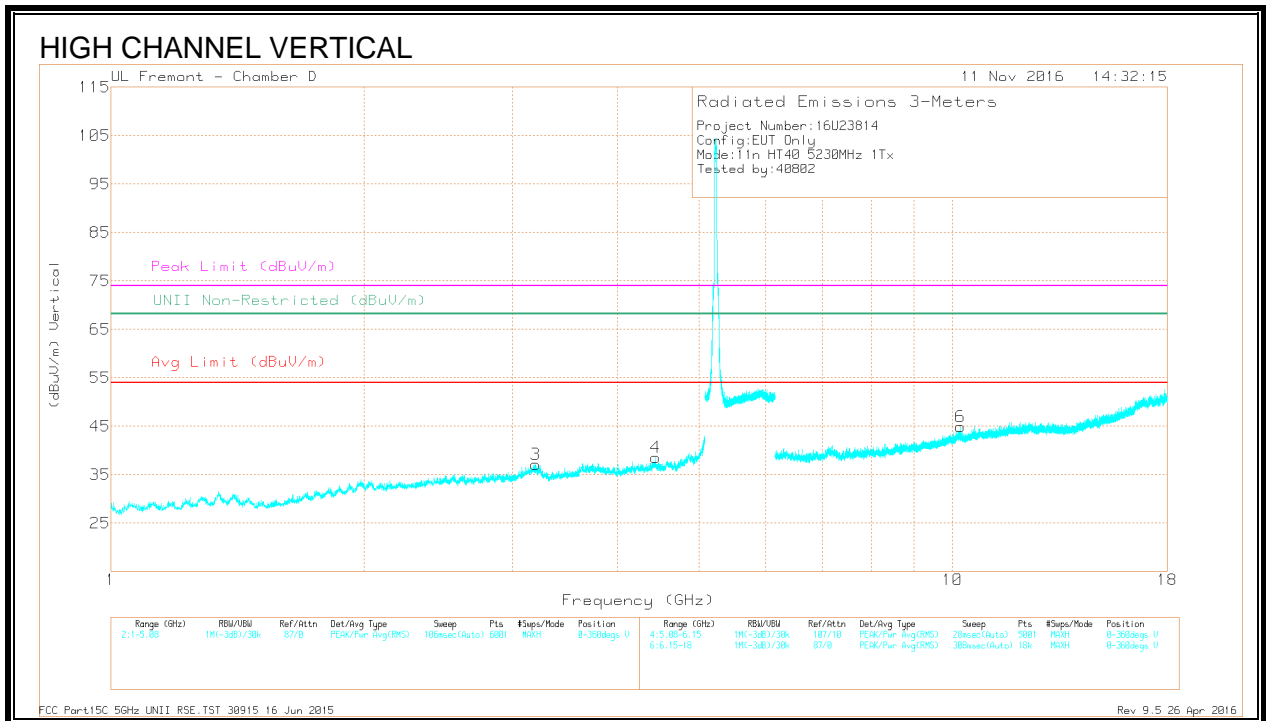
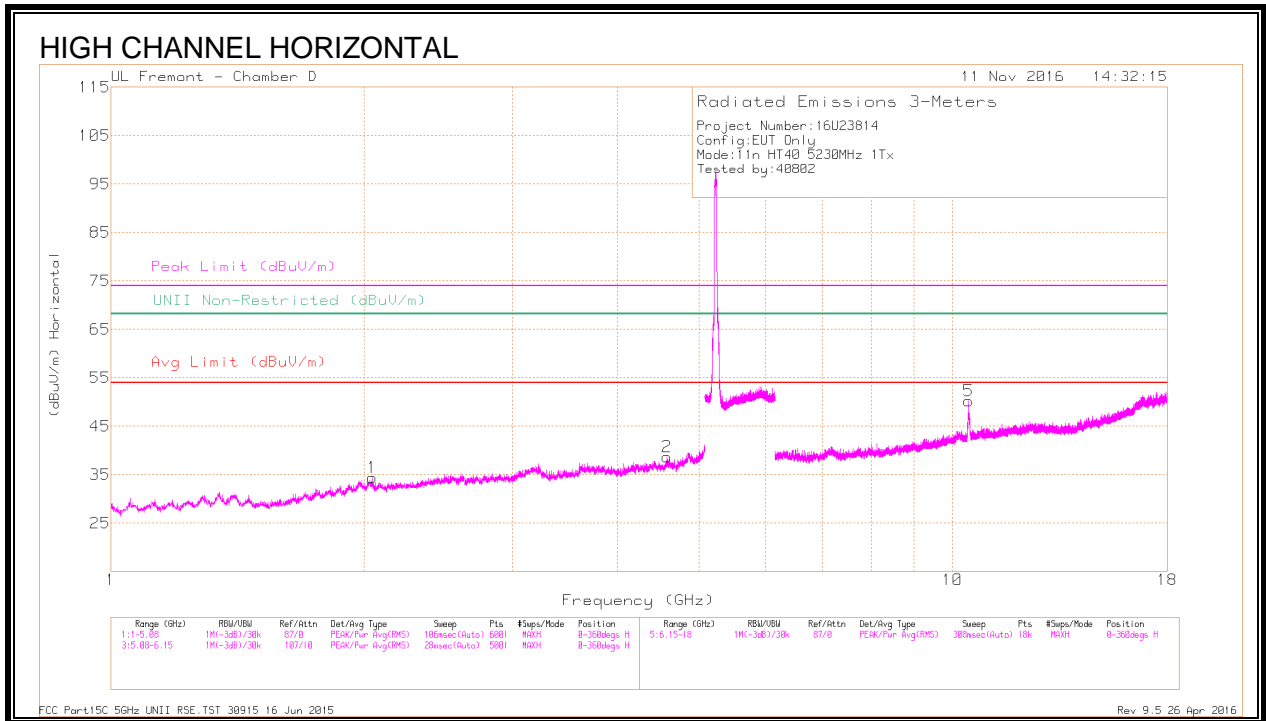


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.4	40.47	PK-U	29	-31.2	0	38.27	-	-	74	-35.73	-	-	246	347	H
	* 1.399	29.39	ADR	29	-31.2	.1	27.89	54	-25.81	-	-	-	-	246	347	H
2	3.108	38.94	PK-U	33.2	-28.6	0	43.54	-	-	-	-	68.2	-24.66	97	392	H
	* 4.05	37.66	PK-U	33.4	-28.5	0	42.56	-	-	74	-31.44	-	-	265	179	V
3	* 4.046	26.89	ADR	33.4	-28.5	.1	31.89	54	-21.21	-	-	-	-	265	179	V
	2.026	39.97	PK-U	31.5	-30.4	0	41.07	-	-	-	-	68.2	-27.13	187	381	V
5	10.368	39.91	PK-U	37.6	-21.2	0	56.31	-	-	-	-	68.2	-11.89	206	219	H
6	10.139	32.51	PK-U	37.4	-20.4	0	49.51	-	-	-	-	68.2	-18.69	41	275	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

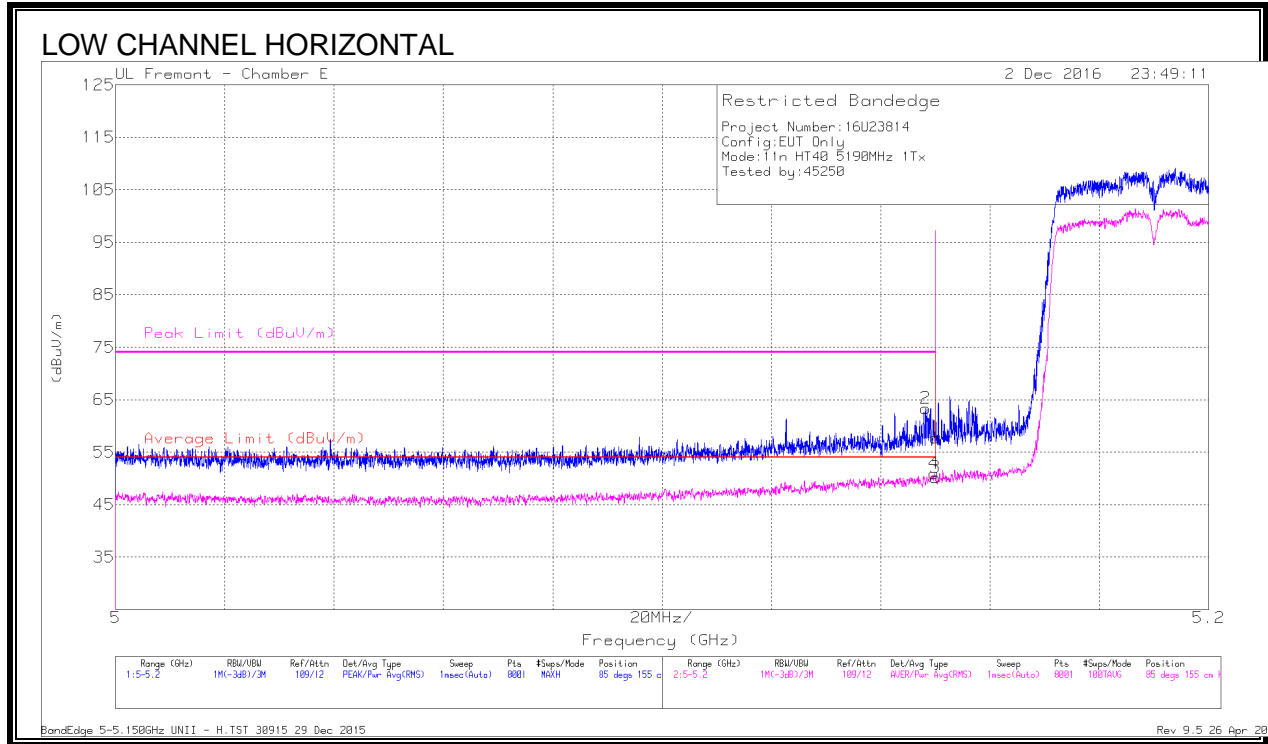


Marker s	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.044	39.62	PK-U	31.4	-30.3	0	40.72	-	-	-	-	68.2	-27.48	180	160	H
2	* 4.578	37.96	PK-U	34.1	-27.1	0	44.96	-	-	74	-29.04	-	-	134	272	H
	* 4.578	26.91	ADR	34.1	-27.1	.1	34.01	54	-19.99	-	-	-	-	134	272	H
3	3.199	39.34	PK-U	34	-29	0	44.34	-	-	-	-	68.2	-23.86	176	127	V
4	4.436	37.96	PK-U	33.9	-27.2	0	44.66	-	-	-	-	68.2	-23.54	321	119	V
5	10.447	40.14	PK-U	37.6	-21.5	0	56.24	-	-	-	-	68.2	-11.96	30	276	H
6	10.214	33.3	PK-U	37.5	-20.7	0	50.1	-	-	-	-	68.2	-18.1	274	361	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

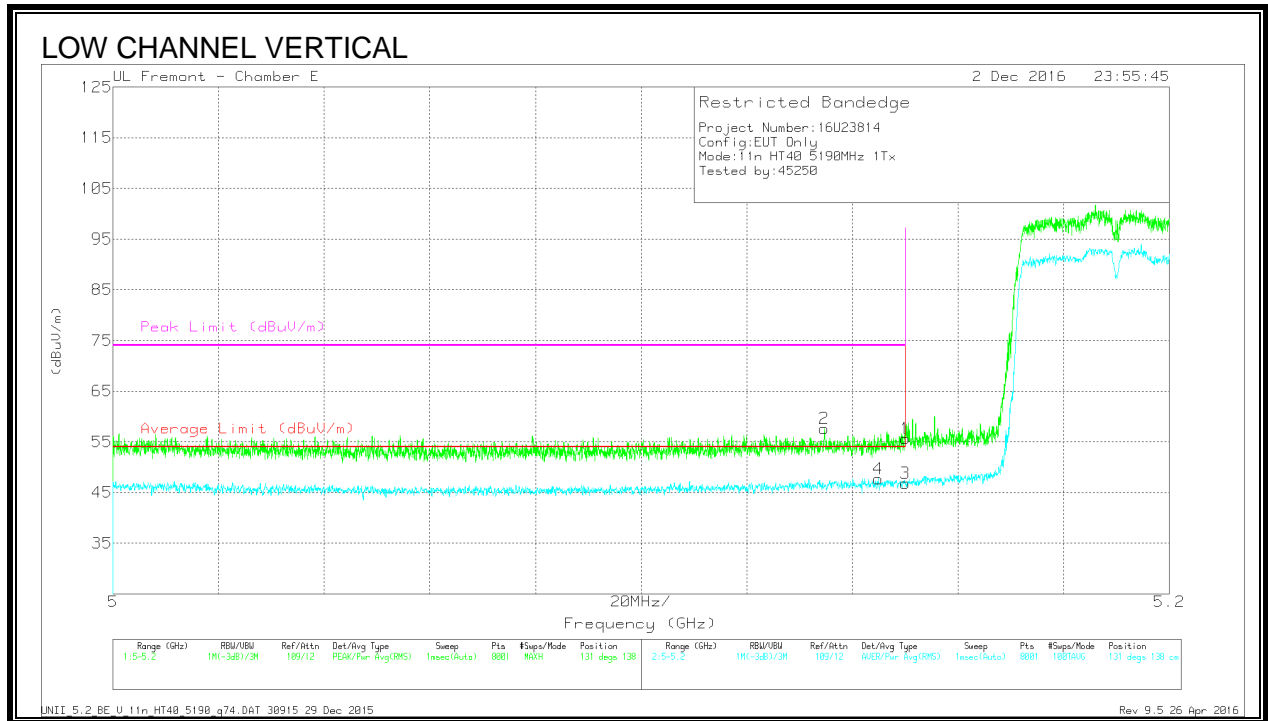
9.2.5. 11n HT40 ANTENNA B SISO MODE IN THE 5.2GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/ Fitr/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	42.5	Pk	34.1	-18.8	0	57.8	-	-	74	-16.2	85	155	H
2	* 5.148	48.08	Pk	34.1	-18.8	0	63.38	-	-	74	-10.62	85	155	H
3	5.15	34.8	RMS	34.1	-18.8	.1	50.2	54	-3.8	-	-	85	155	H
4	* 5.15	35.46	RMS	34.1	-18.8	.1	50.86	54	-3.14	-	-	85	155	H

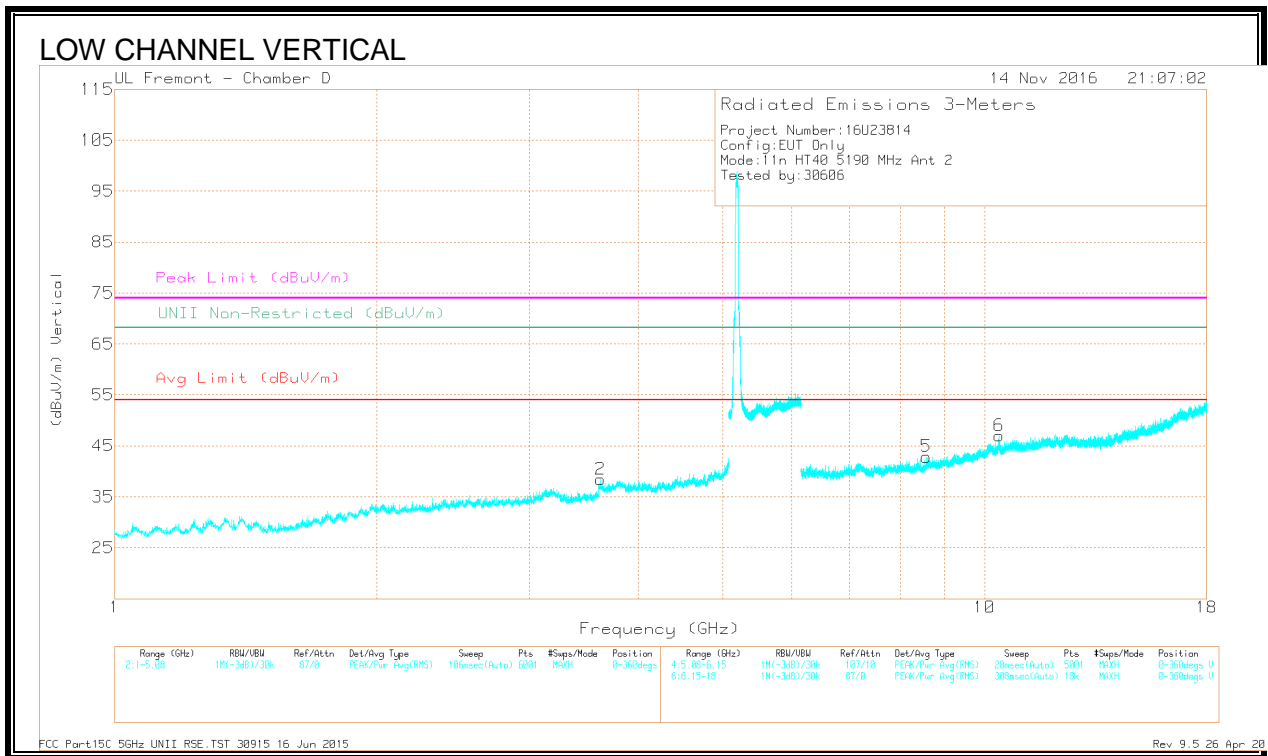
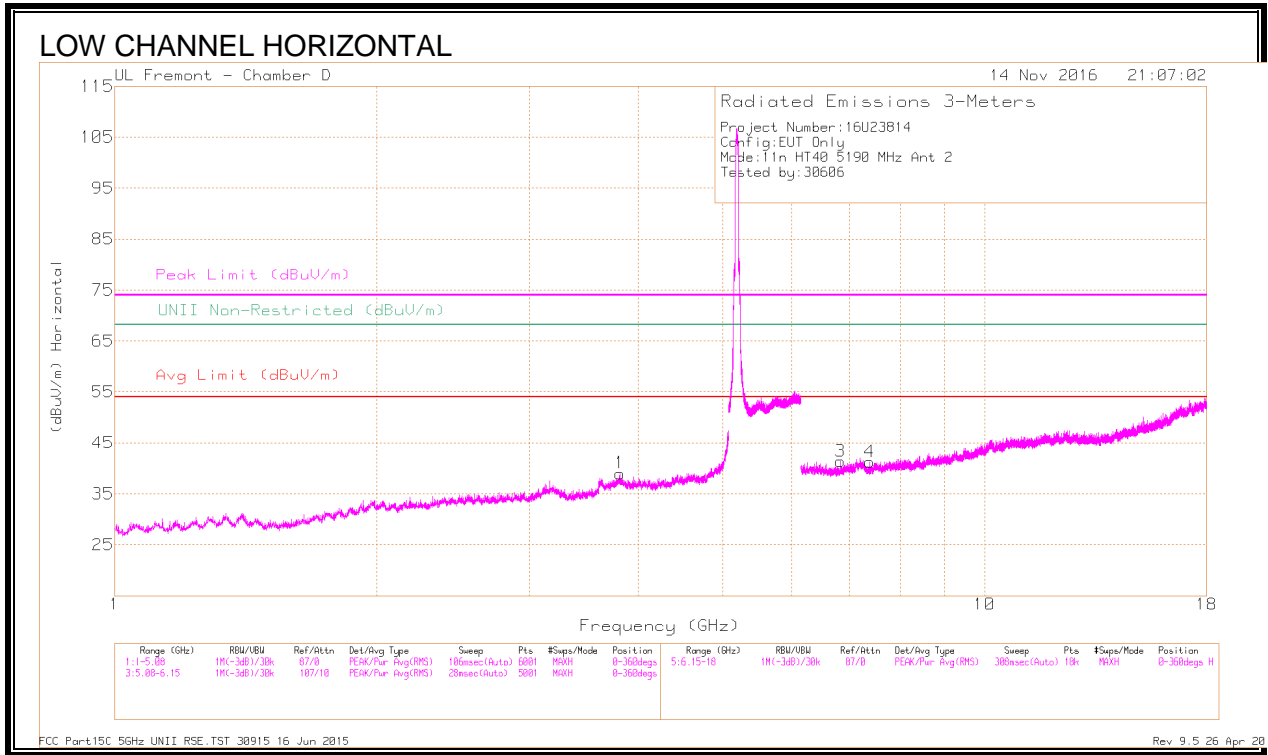
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/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	40.34	Pk	34.1	-18.8	0	55.64	-	-	74	-18.36	131	138	V
2	* 5.135	42.18	Pk	34.1	-18.7	0	57.58	-	-	74	-16.42	131	138	V
3	5.15	31.52	RMS	34.1	-18.8	.1	46.92	54	-7.08	-	-	131	138	V
4	* 5.145	32.36	RMS	34.1	-18.8	.1	47.76	54	-6.24	-	-	131	138	V

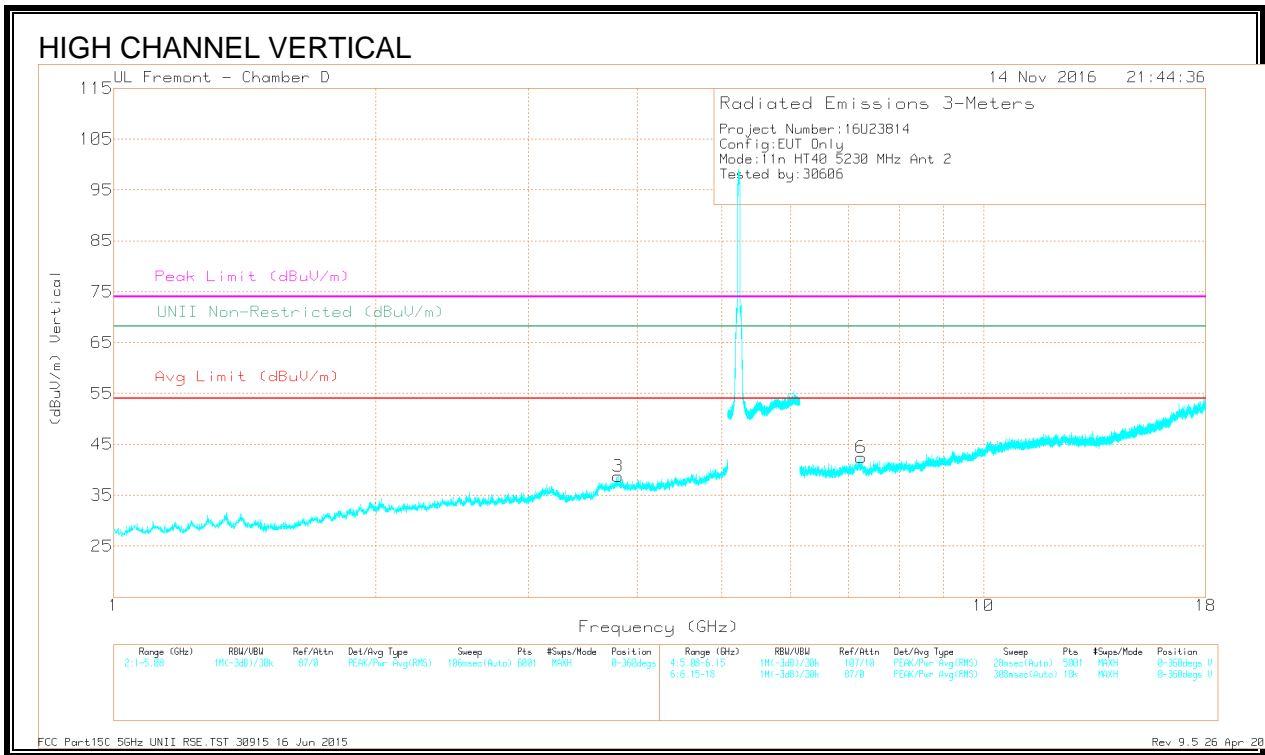
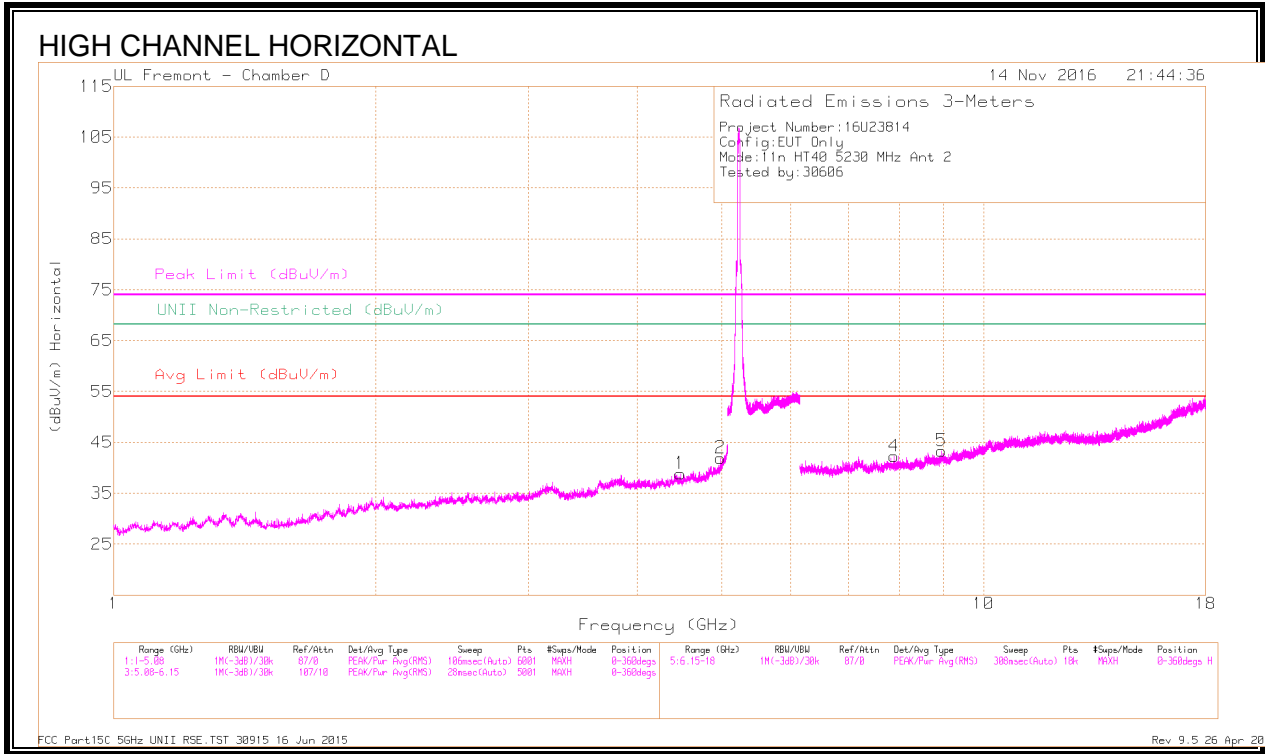
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS



Marker	Frequen- cy (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.811	39.03	PK-U	33.6	-28.5	0	44.13	-	-	74	-29.87	-	-	7	101	H
	* 3.812	28.58	ADR	33.6	-28.5	.1	33.78	54	-20.22	-	-	-	-	7	101	H
2	* 3.622	39.61	PK-U	33.3	-28.8	0	44.11	-	-	74	-29.89	-	-	163	101	V
	* 3.621	28.91	ADR	33.3	-28.8	.1	33.51	54	-20.49	-	-	-	-	163	101	V
3	6.828	37.37	PK-U	35.6	-25.8	0	47.17	-	-	-	-	68.2	-21.03	94	255	H
4	* 7.374	36.15	PK-U	35.6	-25.1	0	46.65	-	-	74	-27.35	-	-	167	313	H
	* 7.374	25.62	ADR	35.6	-25.1	.1	36.22	54	-17.78	-	-	-	-	167	313	H
5	8.574	34.81	PK-U	35.9	-22.5	0	48.21	-	-	-	-	68.2	-19.99	158	102	V
6	10.394	37.42	PK-U	37.6	-21.4	0	53.62	-	-	-	-	68.2	-14.58	285	132	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

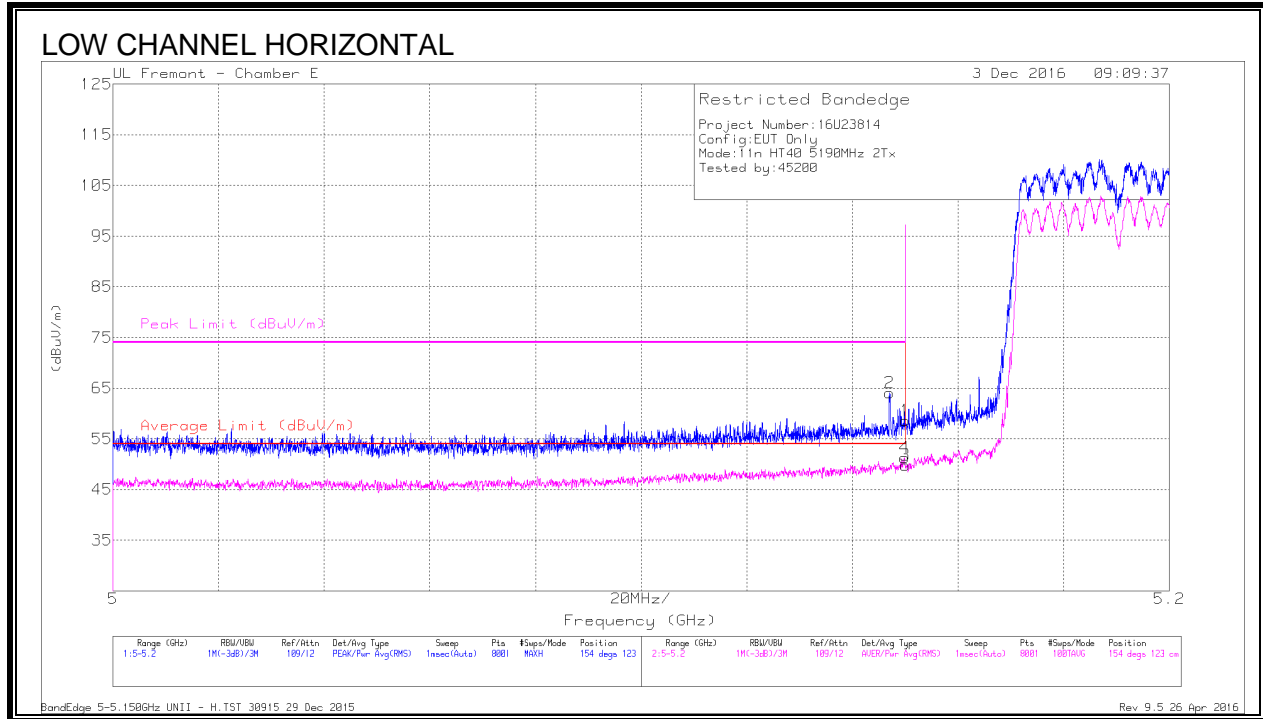


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl /Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	4.483	38.72	PK-U	33.9	-28.2	0	44.42	-	-	-	-	68.2	-23.78	124	269	H
2	* 4.985	41.02	PK-U	34	-26.6	0	48.42	-	-	74	-25.58	-	-	208	125	H
	* 4.987	29.91	ADR	34	-26.6	.1	37.41	54	-16.59	-	-	-	-	208	125	H
3	* 3.802	39.45	PK-U	33.6	-28.4	0	44.65	-	-	74	-29.35	-	-	263	305	V
	* 3.802	28.83	ADR	33.6	-28.4	.1	34.13	54	-19.87	-	-	-	-	263	305	V
4	7.892	35.49	PK-U	35.9	-24	0	47.39	-	-	-	-	68.2	-20.81	320	213	H
5	8.947	35.88	PK-U	36.1	-22.7	0	49.28	-	-	-	-	68.2	-18.92	38	347	H
6	7.233	36.21	PK-U	35.7	-24.2	0	47.71	-	-	-	-	68.2	-20.49	112	168	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

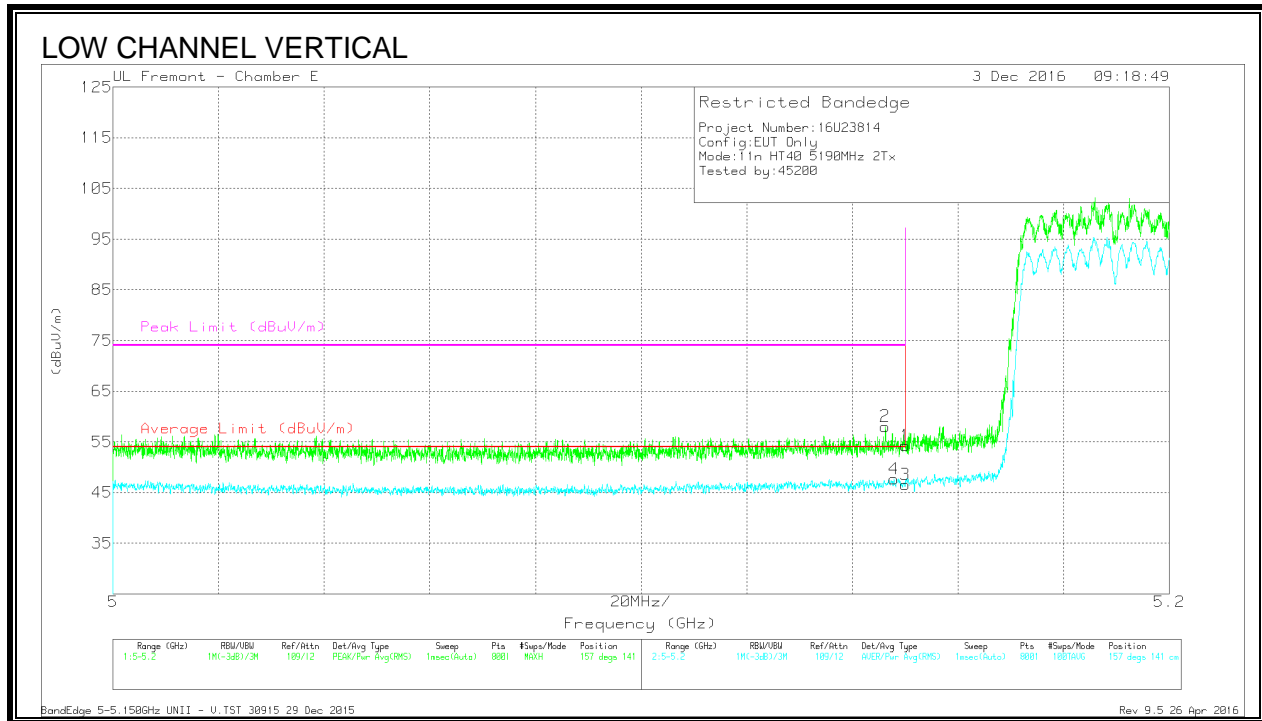
9.2.6. 11n HT40 2TX CDD MIMO MODE IN THE 5.2GHZ BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fit r/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	43.34	Pk	34.1	-18.8	0	58.64	-	-	74	-15.36	154	123	H
2	* 5.147	48.82	Pk	34.1	-18.8	0	64.12	-	-	74	-9.88	154	123	H
3	5.15	34.43	RMS	34.1	-18.8	.1	49.83	54	-4.17	-	-	154	123	H
4	* 5.15	35.84	RMS	34.1	-18.8	.1	51.24	54	-2.76	-	-	154	123	H

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

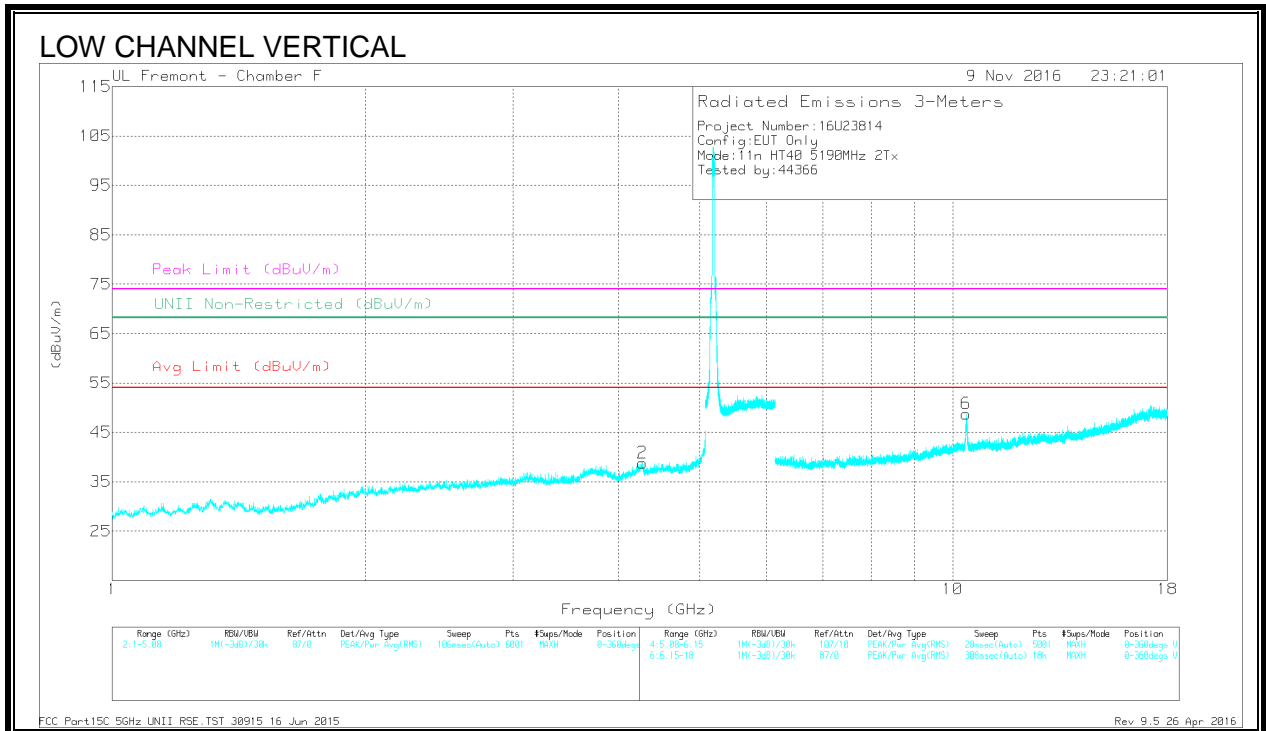
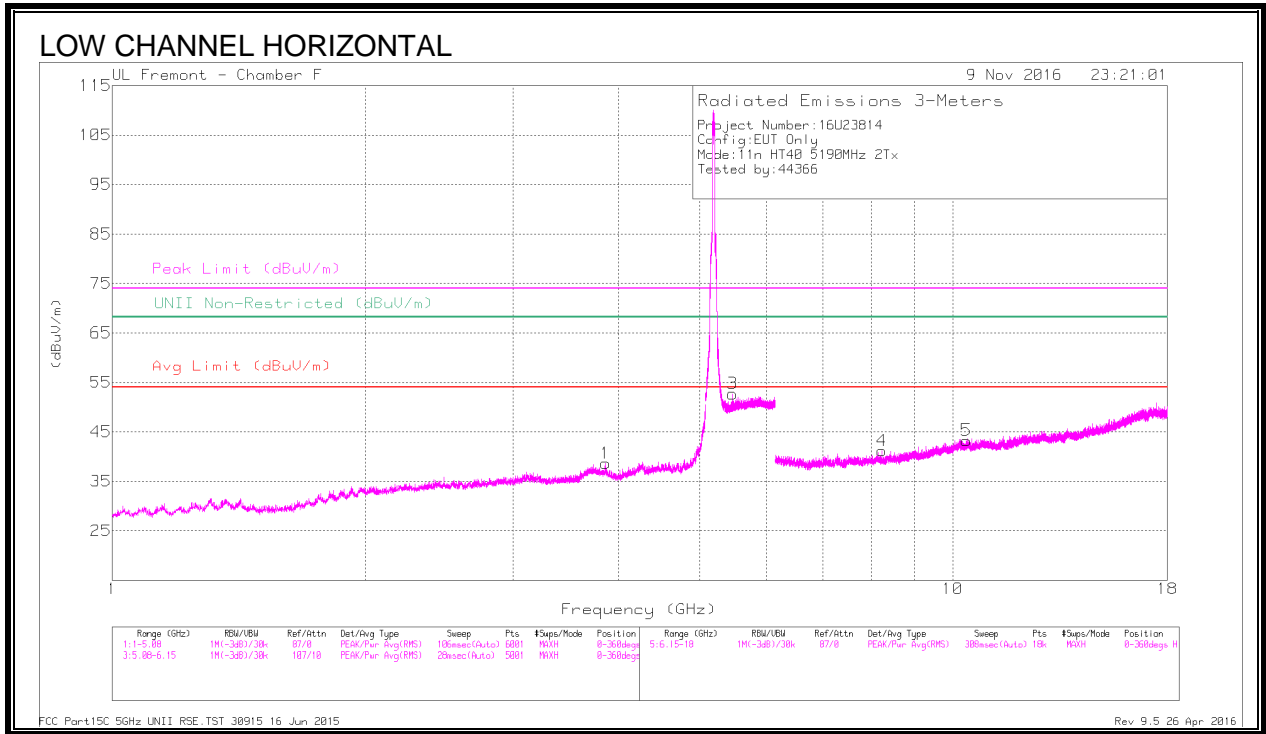


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	38.93	Pk	34.1	-18.8	0	54.23	-	-	74	-19.77	157	141	V
2	* 5.146	42.75	Pk	34.1	-18.8	0	58.05	-	-	74	-15.95	157	141	V
3	5.15	31.12	RMS	34.1	-18.8	.1	46.52	54	-7.48	-	-	157	141	V
4	* 5.148	32.27	RMS	34.1	-18.8	.1	47.67	54	-6.33	-	-	157	141	V

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

Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

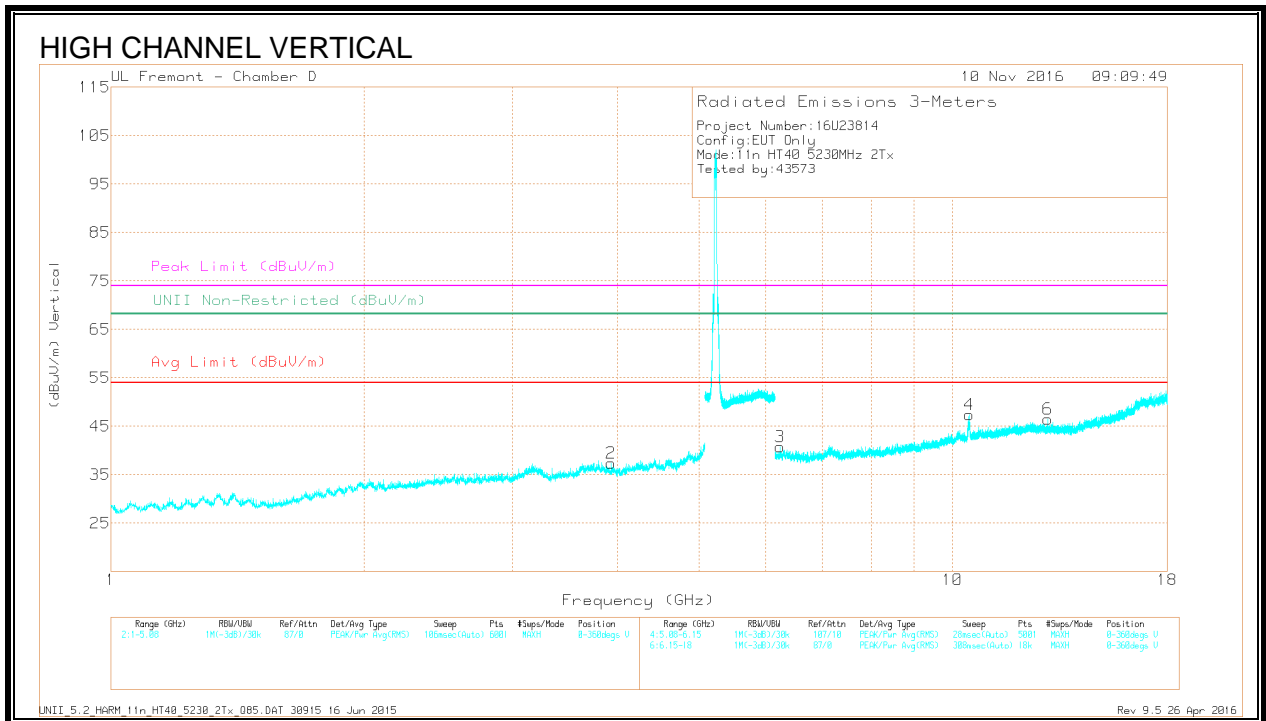
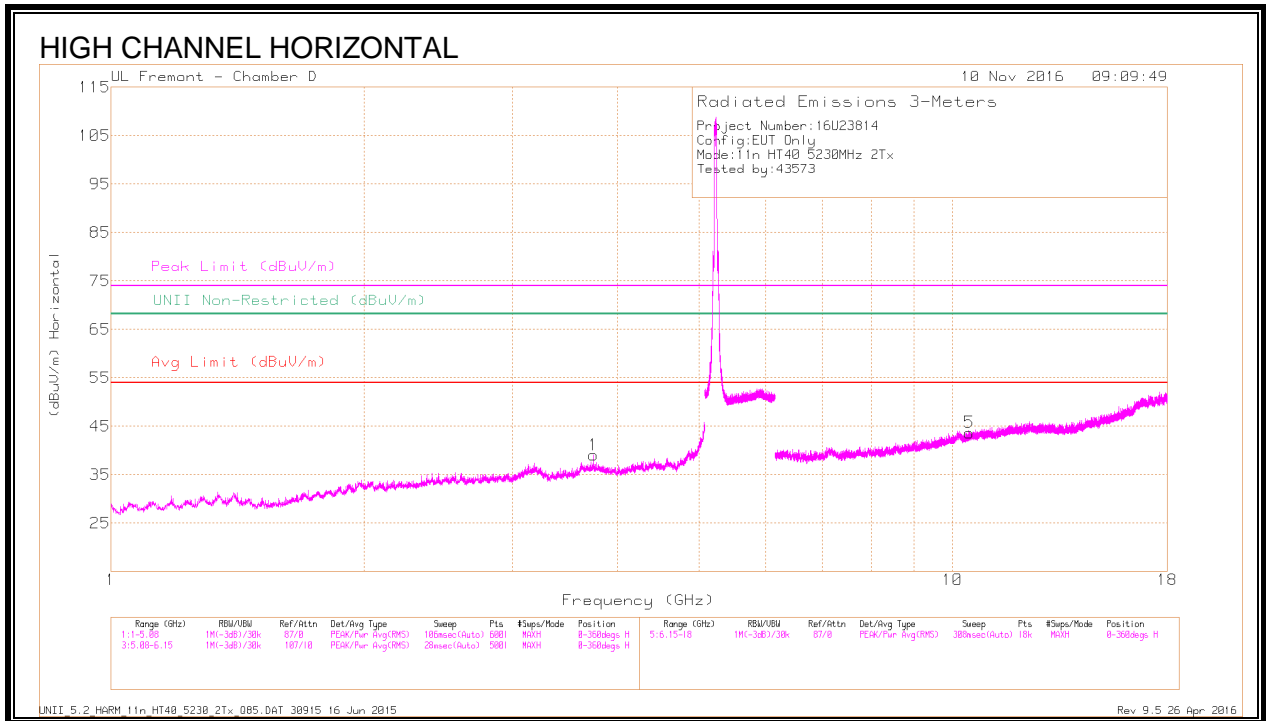


Marker	Frequen- cy (GHz)	Meter Readin g (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DC Corr (dB)	Correct ed Readin g (dBuV/ m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azim uth (Degs)	Heig ht (cm)	Polar ity
1	* 3.863	38.9	PK-U	33.4	-28.5	0	43.8	-	-	74	-30.2	-	-	66	349	H
	* 3.865	27.76	ADR	33.4	-28.5	.1	32.77	54	-21.23	-	-	-	-	66	349	H
2	* 4.272	37.39	PK-U	33.7	-26.6	0	44.49	-	-	74	-29.51	-	-	133	128	V
	* 4.274	27	ADR	33.7	-26.6	.1	34.21	54	-19.79	-	-	-	-	133	128	V
3	5.472	41.72	PK-U	34.6	-18.8	0	57.52	-	-	-	-	68.2	-10.68	318	174	H
4	* 8.237	35.47	PK-U	35.7	-24.8	0	46.37	-	-	74	-27.63	-	-	275	213	H
	* 8.238	25.42	ADR	35.7	-24.8	.1	36.43	54	-17.57	-	-	-	-	275	213	H
5	10.38	37.89	PK-U	37.3	-21.6	0	53.59	-	-	-	-	68.2	-14.61	200	382	H
6	10.377	40.71	PK-U	37.3	-21.7	0	56.31	-	-	-	-	68.2	-11.89	237	108	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

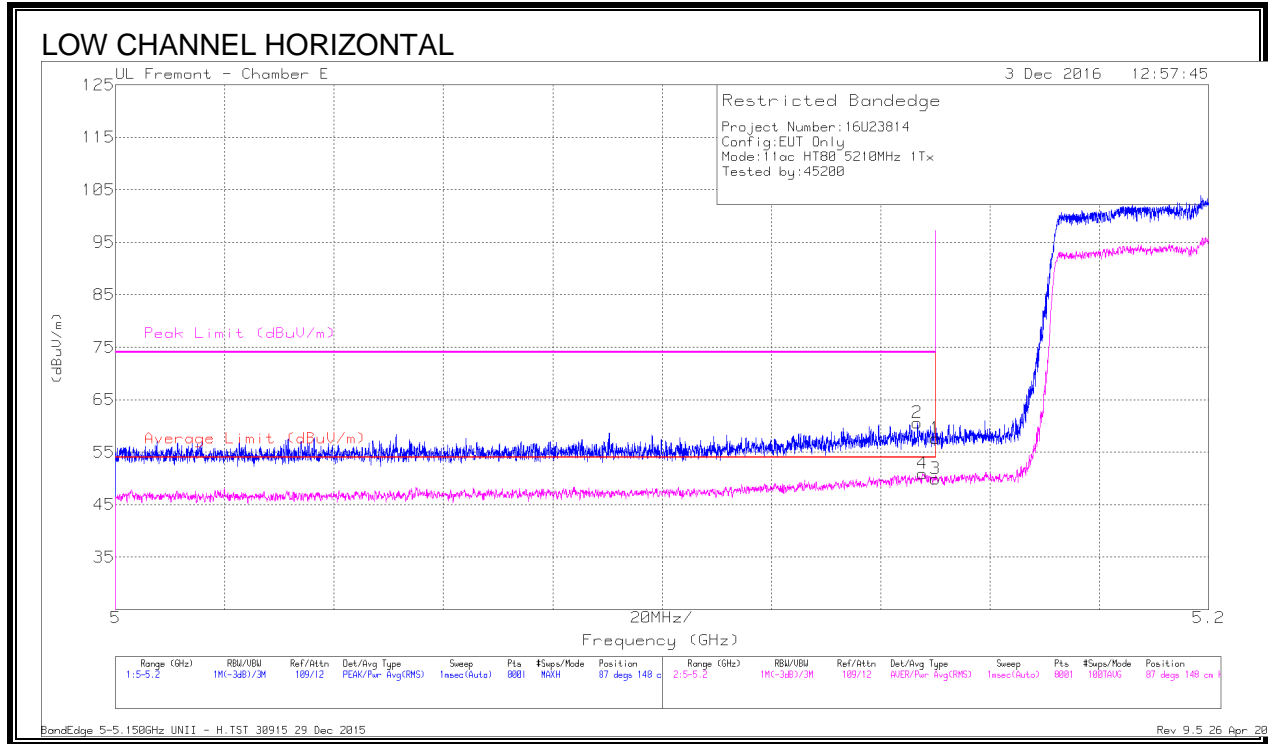


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 3.744	38.22	PK-U	33.5	-28.8	0	42.92	-	-	74	-31.08	-	-	51	323	H
	* 3.748	27.21	ADR	33.5	-28.8	.1	32.01	54	-21.99	-	-	-	-	51	323	H
2	* 3.929	37.19	PK-U	33.5	-28.2	0	42.49	-	-	74	-31.51	-	-	154	347	V
	* 3.933	26.87	ADR	33.5	-28.1	.1	32.37	54	-21.63	-	-	-	-	154	347	V
3	6.243	36.6	PK-U	35.6	-26.3	0	45.9	-	-	-	-	68.2	-22.3	111	214	V
4	10.464	33.44	PK-U	37.6	-21.3	0	49.74	-	-	-	-	68.2	-18.46	307	340	H
5	10.465	40.56	PK-U	37.6	-21.3	0	56.86	-	-	-	-	68.2	-11.34	140	260	V
6	12.976	34.43	PK-U	39.2	-21.5	0	52.13	-	-	-	-	68.2	-16.07	347	337	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

9.2.7. 11ac HT80 ANTENNA A SISO MODE IN THE 5.2GHZ BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

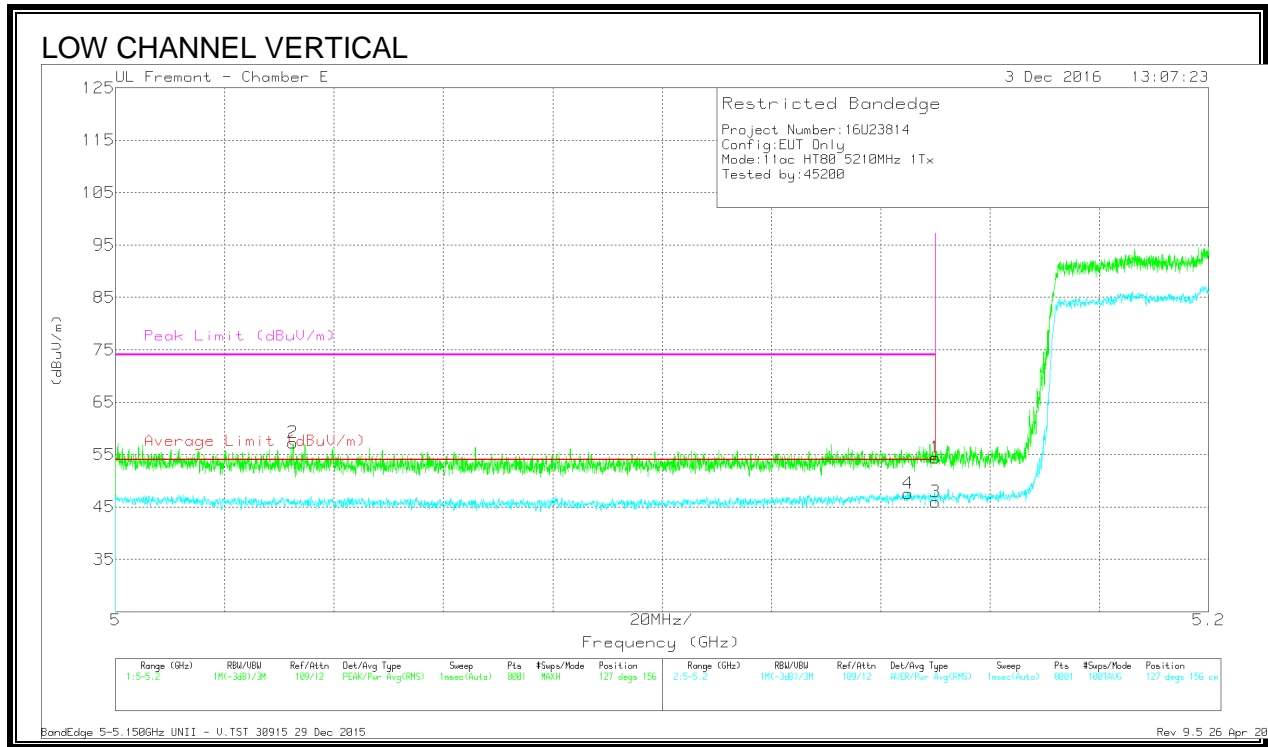


Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	42.35	Pk	34.1	-18.8	0	57.65	-	-	74	-16.35	87	148	H
2	* 5.147	45.24	Pk	34.1	-18.8	0	60.54	-	-	74	-13.46	87	148	H
3	5.15	34.45	RMS	34.1	-18.8	.21	49.96	54	-4.04	-	-	87	148	H
4	* 5.148	35.41	RMS	34.1	-18.8	.21	50.92	54	-3.08	-	-	87	148	H

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

Pk - Peak detector

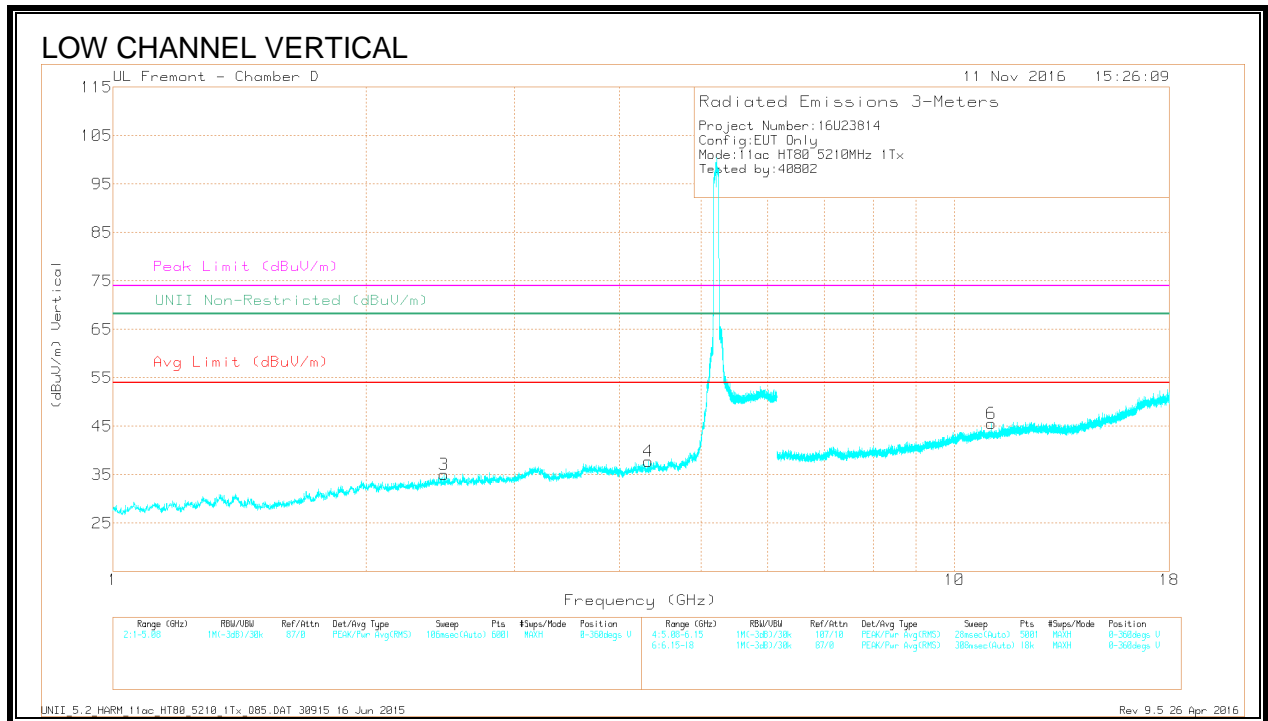
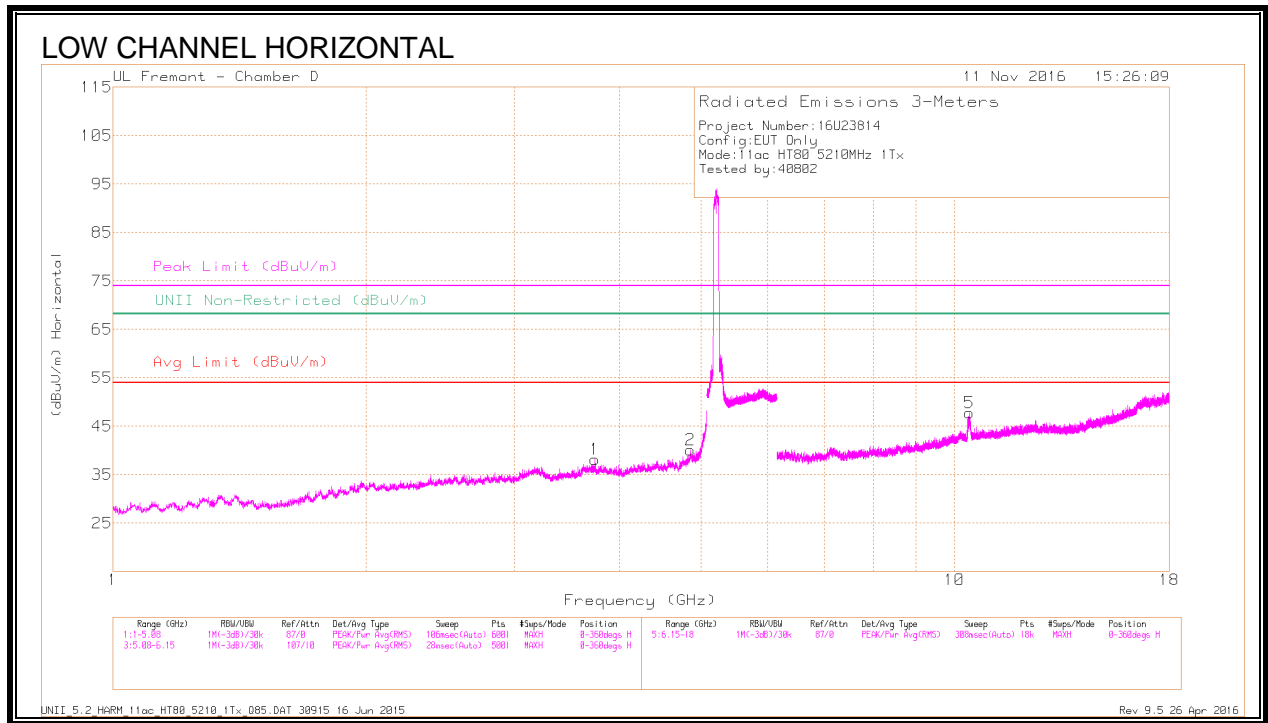
RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	5.15	39.12	Pk	34.1	-18.8	0	54.42	-	-	74	-19.58	127	156	V
2	* 5.032	41.65	Pk	34	-18.4	0	57.25	-	-	74	-16.75	127	156	V
3	5.15	30.69	RMS	34.1	-18.8	.21	46.20	54	-7.80	-	-	127	156	V
4	* 5.145	32.31	RMS	34.1	-18.8	.21	47.82	54	-6.18	-	-	127	156	V

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

HARMONICS AND SPURIOUS EMISSIONS



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb I/Filtr/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
1	* 3.741	38.96	PK-U	33.5	-28.9	0	43.56	-	-	74	-30.44	-	-	68	278	H
	* 3.739	27.46	ADR	33.5	-28.9	.21	32.26	54	-21.74	-	-	-	-	68	278	H
2	* 4.853	37.97	PK-U	34.1	-25.4	0	46.67	-	-	74	-27.33	-	-	356	119	H
	* 4.85	26.53	ADR	34.1	-25.5	.21	35.33	54	-18.67	-	-	-	-	356	119	H
3	2.474	39.34	PK-U	32.3	-30.4	0	41.24	-	-	-	-	68.2	-26.96	87	213	V
4	* 4.329	38.05	PK-U	33.7	-28.2	0	43.55	-	-	74	-30.45	-	-	109	106	V
	* 4.328	27.11	ADR	33.6	-28.2	.21	32.71	54	-21.29	-	-	-	-	109	106	V
5	10.41	38.7	PK-U	37.6	-21.4	0	54.9	-	-	-	-	68.2	-13.3	236	181	H
6	* 11.068	33.47	PK-U	38	-21	0	50.47	-	-	74	-23.53	-	-	272	200	V
	* 11.068	22.94	ADR	38	-21	.21	40.14	54	-13.86	-	-	-	-	272	200	V

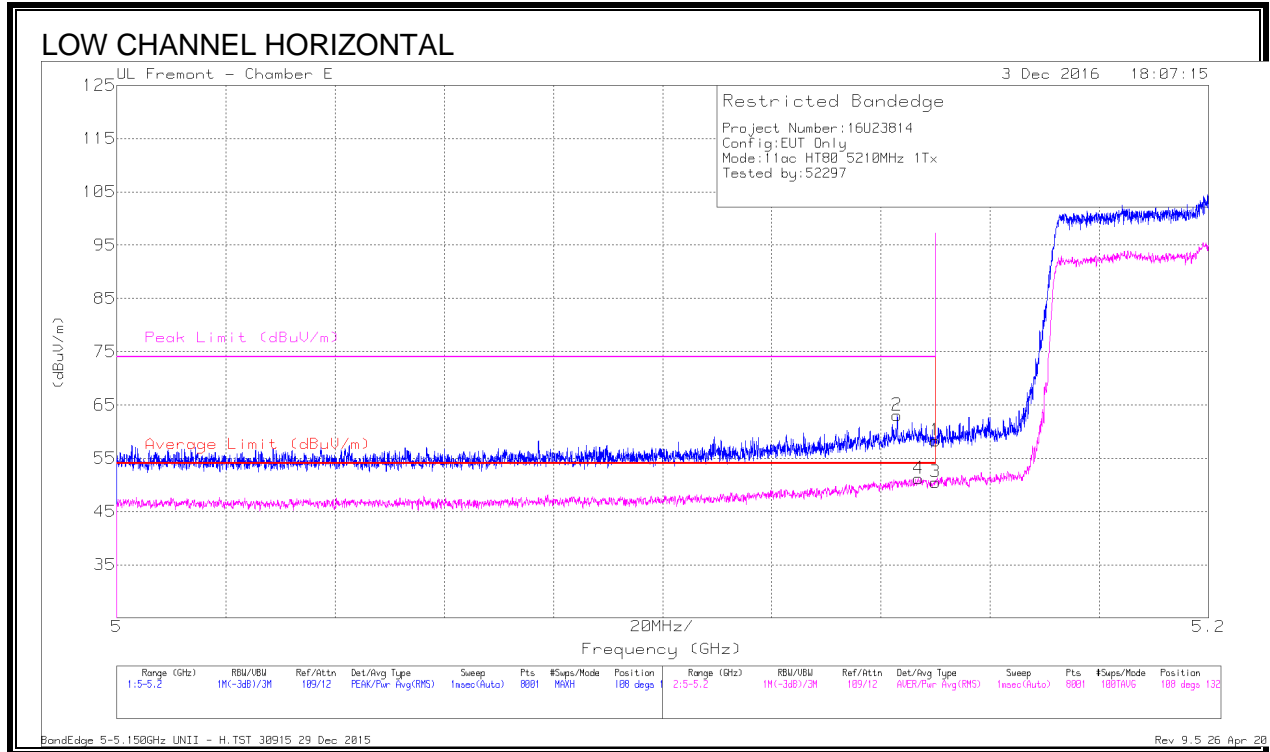
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

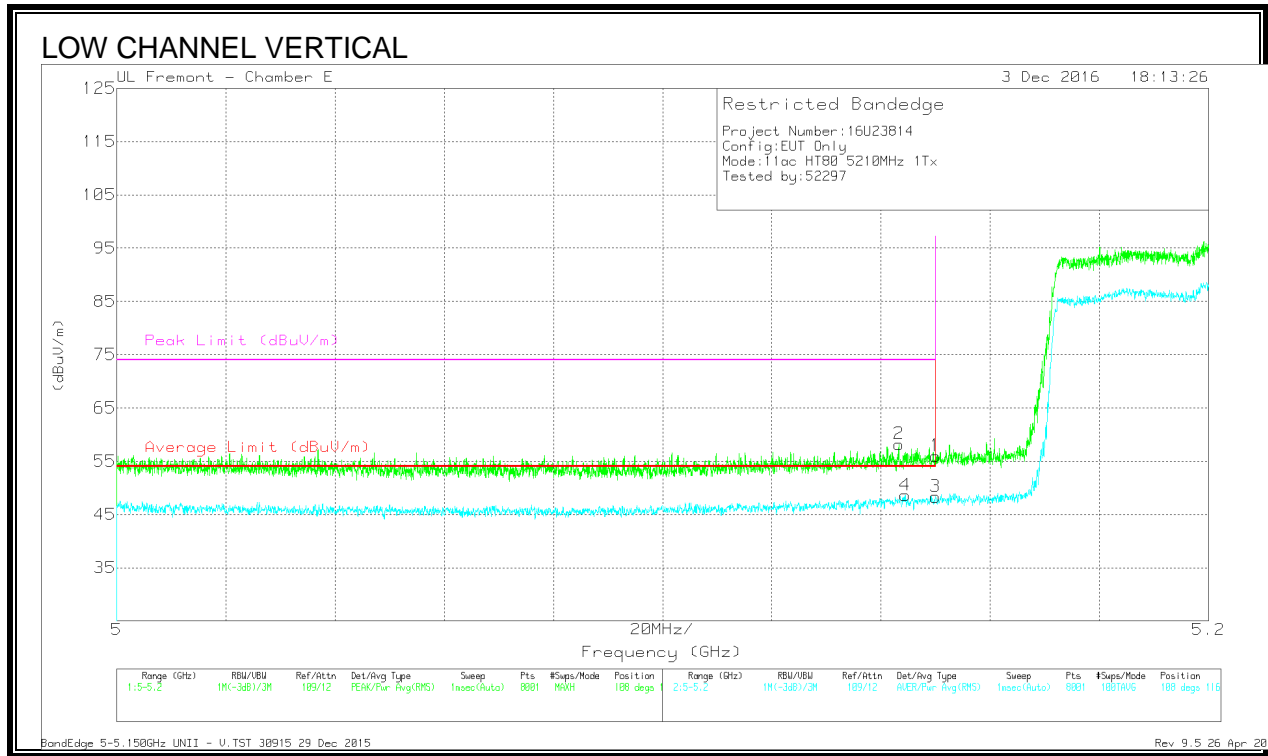
9.2.8. 11ac HT80 ANTENNA B SISO MODE IN THE 5.2GHZ BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/FI tr/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	43.03	Pk	34.1	-18.8	0	58.33	-	-	74	-15.67	108	132	H
2	* 5.143	47.78	Pk	34.1	-18.8	0	63.08	-	-	74	-10.92	108	132	H
3	5.15	35.01	RMS	34.1	-18.8	.21	50.52	54	-3.48	-	-	108	132	H
4	* 5.147	35.7	RMS	34.1	-18.8	.21	51.21	54	-2.79	-	-	108	132	H

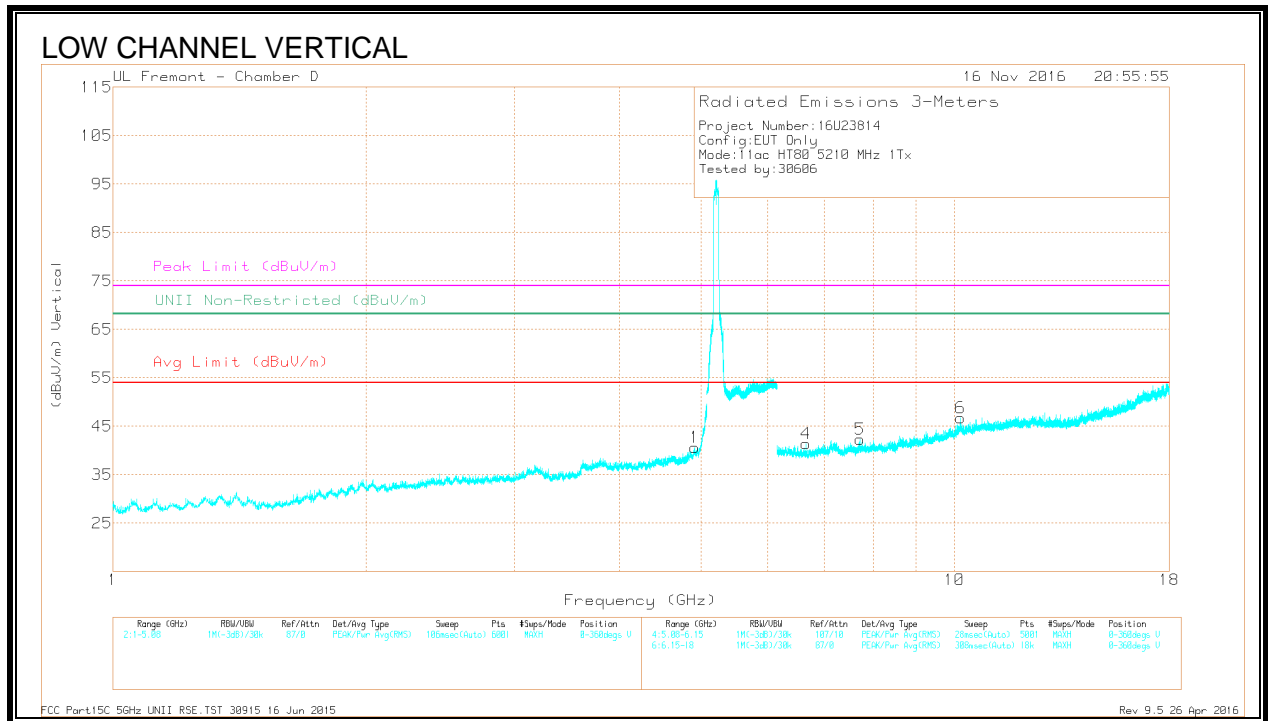
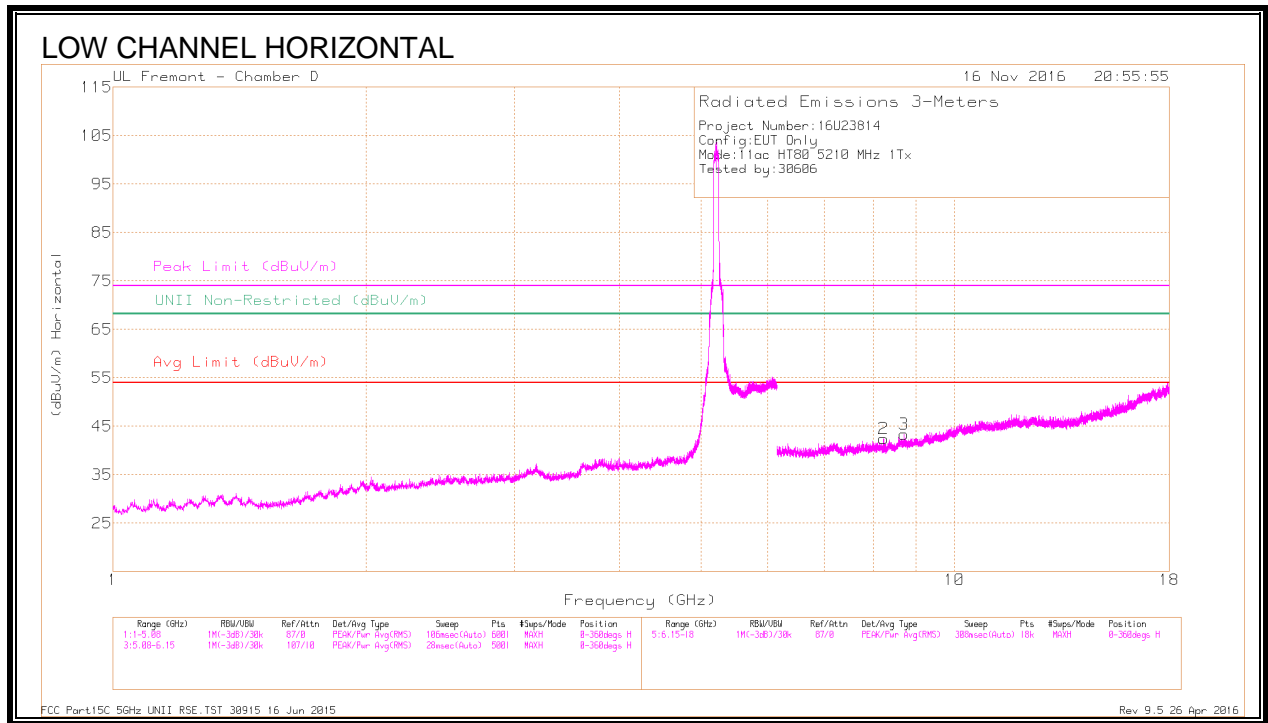
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/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	40.68	Pk	34.1	-18.8	0	55.98	-	-	74	-18.02	108	116	V
2	* 5.143	42.9	Pk	34.1	-18.8	0	58.2	-	-	74	-15.8	108	116	V
3	5.15	32.83	RMS	34.1	-18.8	.21	48.33	54	-5.67	-	-	108	116	V
4	* 5.144	33.12	RMS	34.1	-18.8	.21	48.62	54	-5.38	-	-	108	116	V

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

HARMONICS AND SPURIOUS EMISSIONS



Marker	Frequen- cy (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb l/Fitr/Pa d (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.914	38.35	PK-U	34.1	-26.1	0	46.35	-	-	74	-27.65	-	-	328	202	V
	* 4.913	27.8	ADR	34.1	-26	.21	36.11	54	-17.89	-	-	-	-	328	202	V
2	* 8.238	35.63	PK-U	35.8	-24.1	0	47.33	-	-	74	-26.67	-	-	331	202	H
	* 8.235	25.08	ADR	35.8	-24.1	.21	36.99	54	-17.01	-	-	-	-	331	202	H
3	8.709	35.48	PK-U	36	-22.9	0	48.58	-	-	-	-	68.2	-19.62	187	102	H
4	6.661	37.08	PK-U	35.6	-26.1	0	46.58	-	-	-	-	68.2	-21.62	300	200	V
5	* 7.717	35.81	PK-U	35.8	-24.1	0	47.51	-	-	74	-26.49	-	-	274	202	V
	* 7.717	25.26	ADR	35.8	-24.1	.21	37.17	54	-16.83	-	-	-	-	274	202	V
6	10.159	34.36	PK-U	37.4	-20.3	0	51.46	-	-	-	-	68.2	-16.74	323	200	V

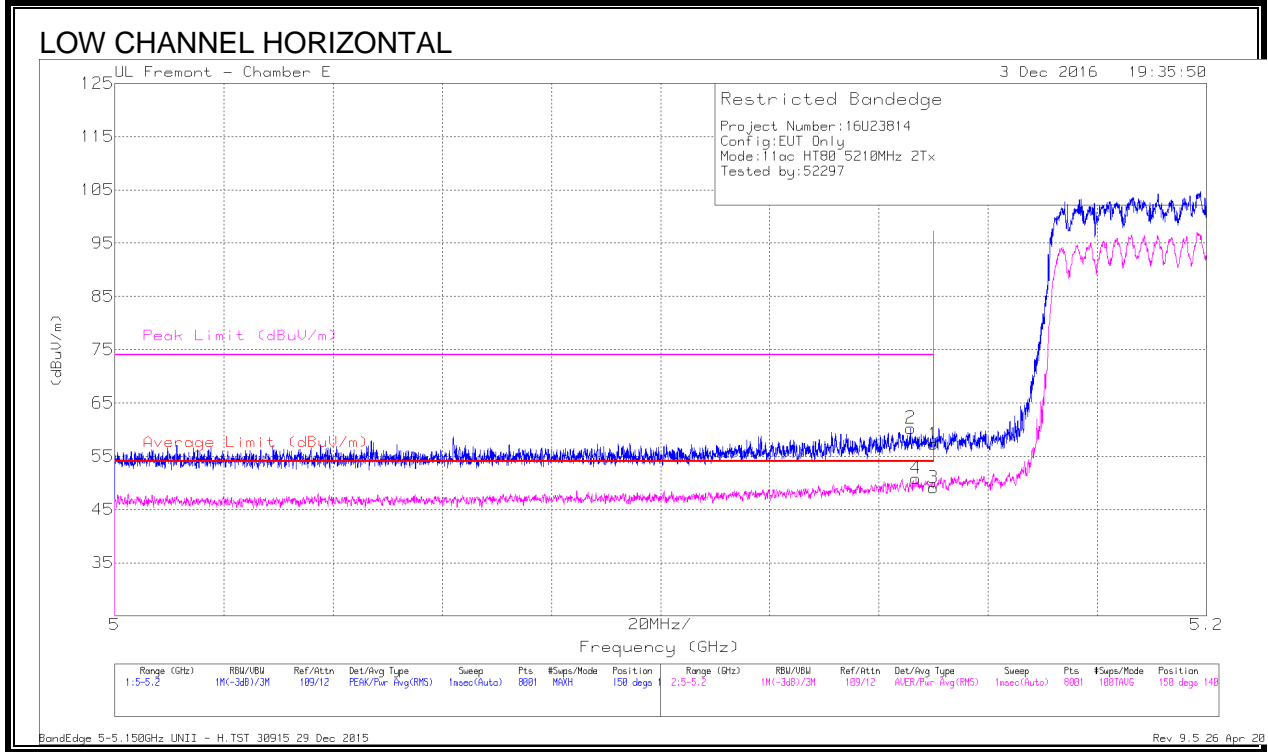
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

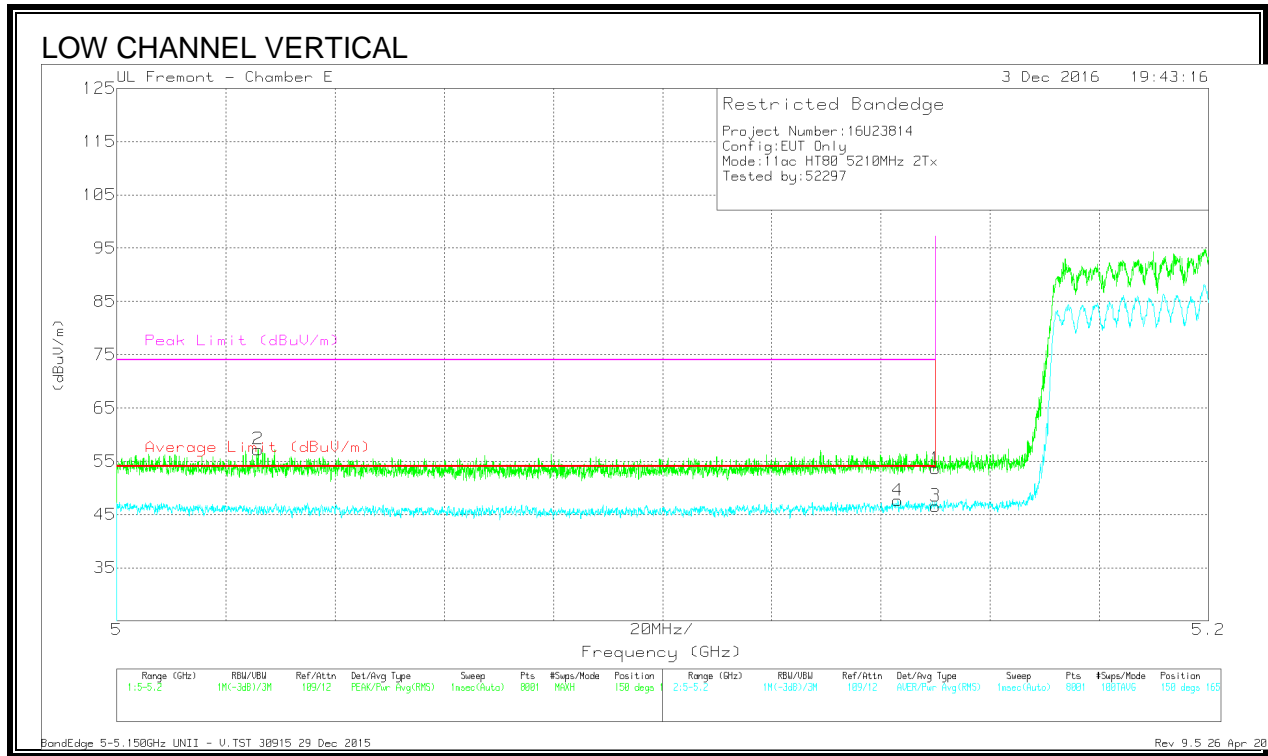
9.2.9. 11ac HT80 2TX CDD MIMO MODE IN THE 5.2GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	5.15	42	Pk	34.1	-18.8	0	57.3	-	-	74	-16.7	150	140	H
2	* 5.146	44.97	Pk	34.1	-18.8	0	60.27	-	-	74	-13.73	150	140	H
3	5.15	33.59	RMS	34.1	-18.8	.2	49.09	54	-4.91	-	-	150	140	H
4	* 5.147	35.35	RMS	34.1	-18.8	.2	50.85	54	-3.15	-	-	150	140	H

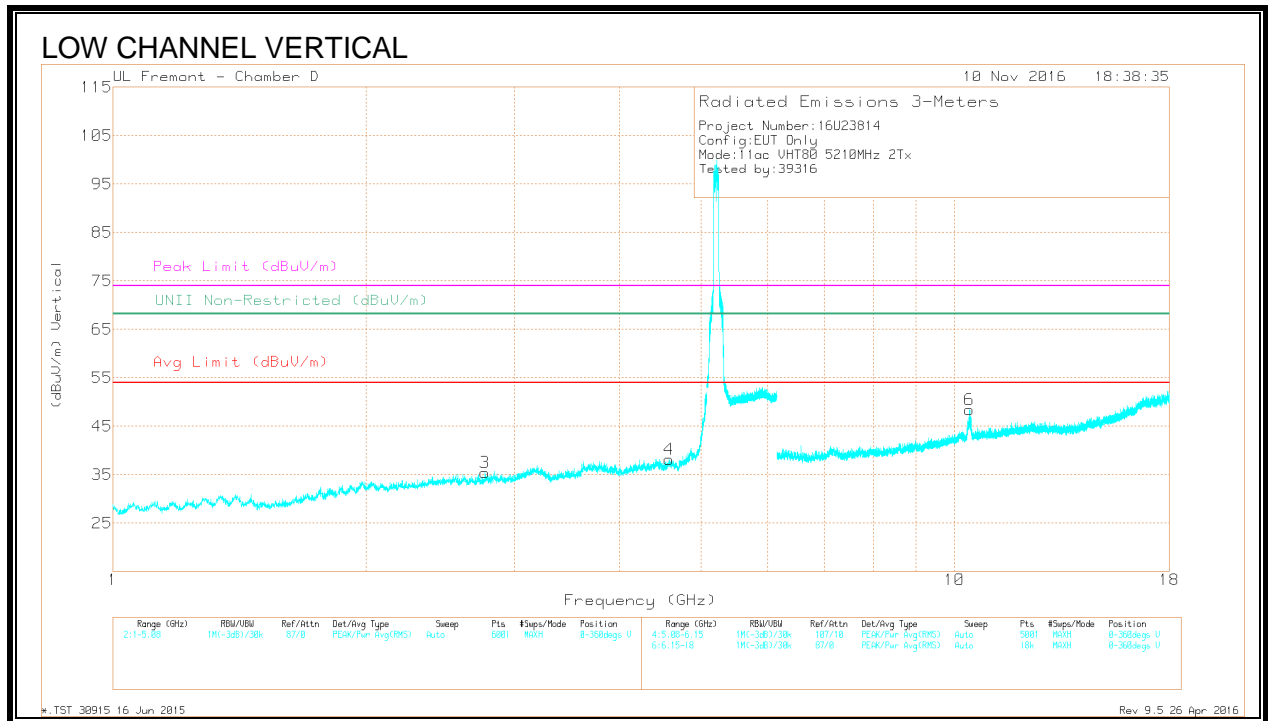
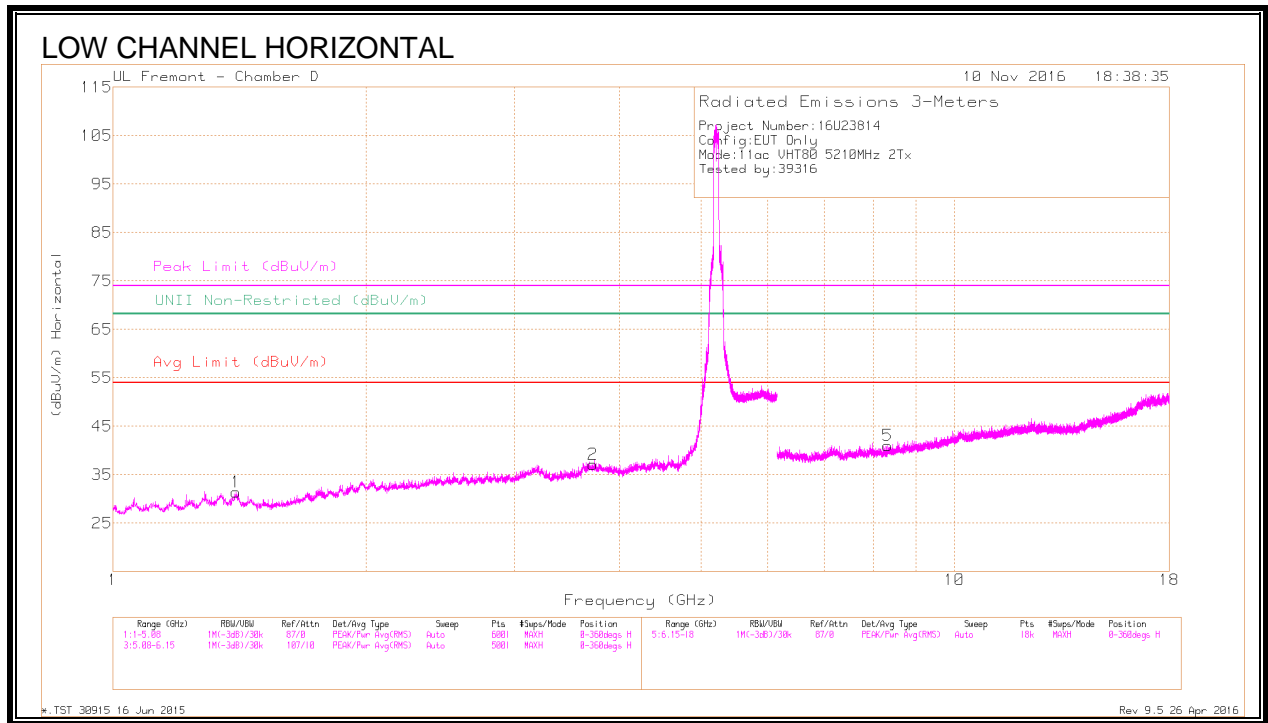
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/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	38.33	Pk	34.1	-18.8	0	53.63	-	-	74	-20.37	150	165	V
2	* 5.026	41.73	Pk	34	-18.5	0	57.23	-	-	74	-16.77	150	165	V
3	5.15	31.07	RMS	34.1	-18.8	.2	46.57	54	-7.43	-	-	150	165	V
4	* 5.143	32.11	RMS	34.1	-18.8	.2	47.61	54	-6.39	-	-	150	165	V

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

HARMONICS AND SPURIOUS EMISSIONS



Markers	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.399	40.6	PK-U	29	-31.2	0	38.4	-	-	74	-35.6	-	-	263	335	H
	* 1.4	29.78	ADR	29	-31.2	.2	27.78	54	-26.22	-	-	-	-	263	335	H
2	* 3.717	38.79	PK-U	33.5	-28.9	0	43.39	-	-	74	-30.61	-	-	310	289	H
	* 3.716	28	ADR	33.5	-28.9	.2	32.8	54	-21.2	-	-	-	-	310	289	H
3	* 2.768	39.25	PK-U	32.4	-29.8	0	41.85	-	-	74	-32.15	-	-	231	265	V
	* 2.769	29.03	ADR	32.4	-29.8	.2	31.83	54	-22.17	-	-	-	-	231	265	V
4	* 4.579	37.96	PK-U	34.1	-27.1	0	44.96	-	-	74	-29.04	-	-	175	294	V
	* 4.58	27.24	ADR	34.1	-27	.2	34.54	54	-19.46	-	-	-	-	175	294	V
5	* 8.329	35.03	PK-U	35.8	-23.7	0	47.13	-	-	74	-26.87	-	-	125	100	H
	* 8.329	24.61	ADR	35.8	-23.7	.2	36.91	54	-17.09	-	-	-	-	125	100	H
6	10.436	39.28	PK-U	37.6	-21.4	0	55.48	-	-	-	-	68.2	-12.72	79	101	V

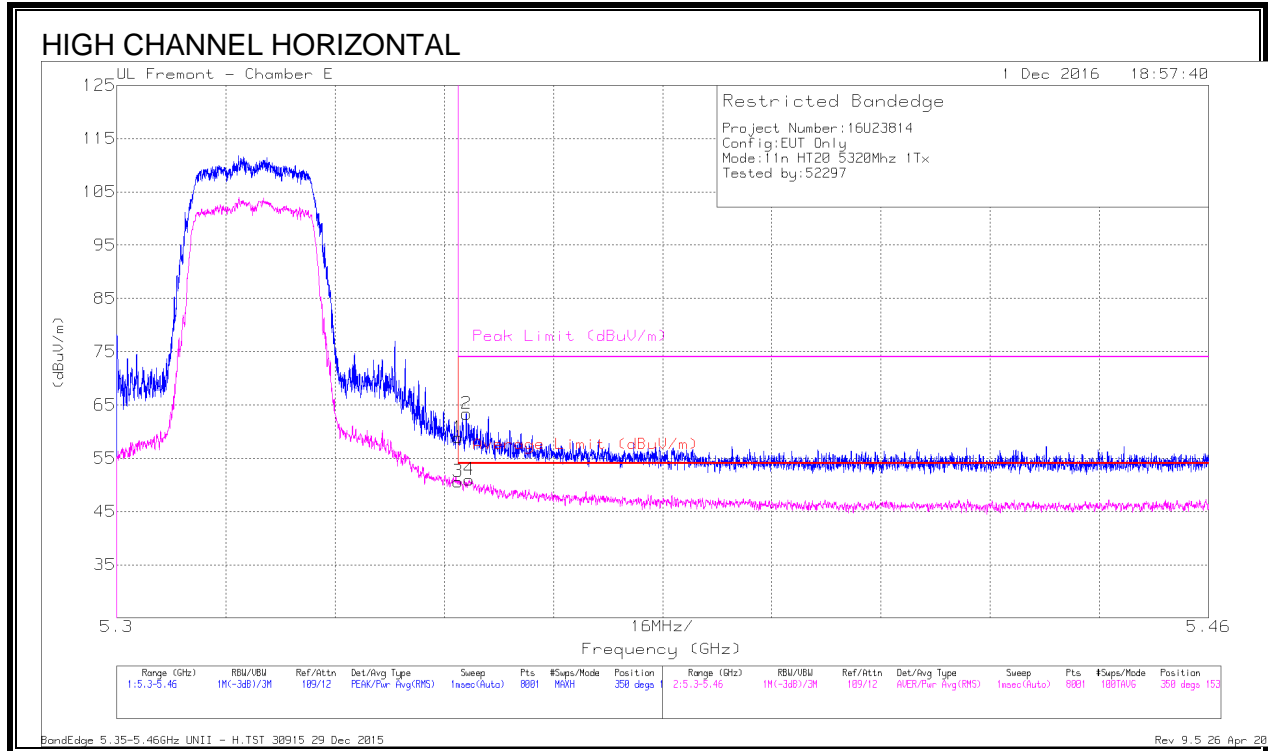
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

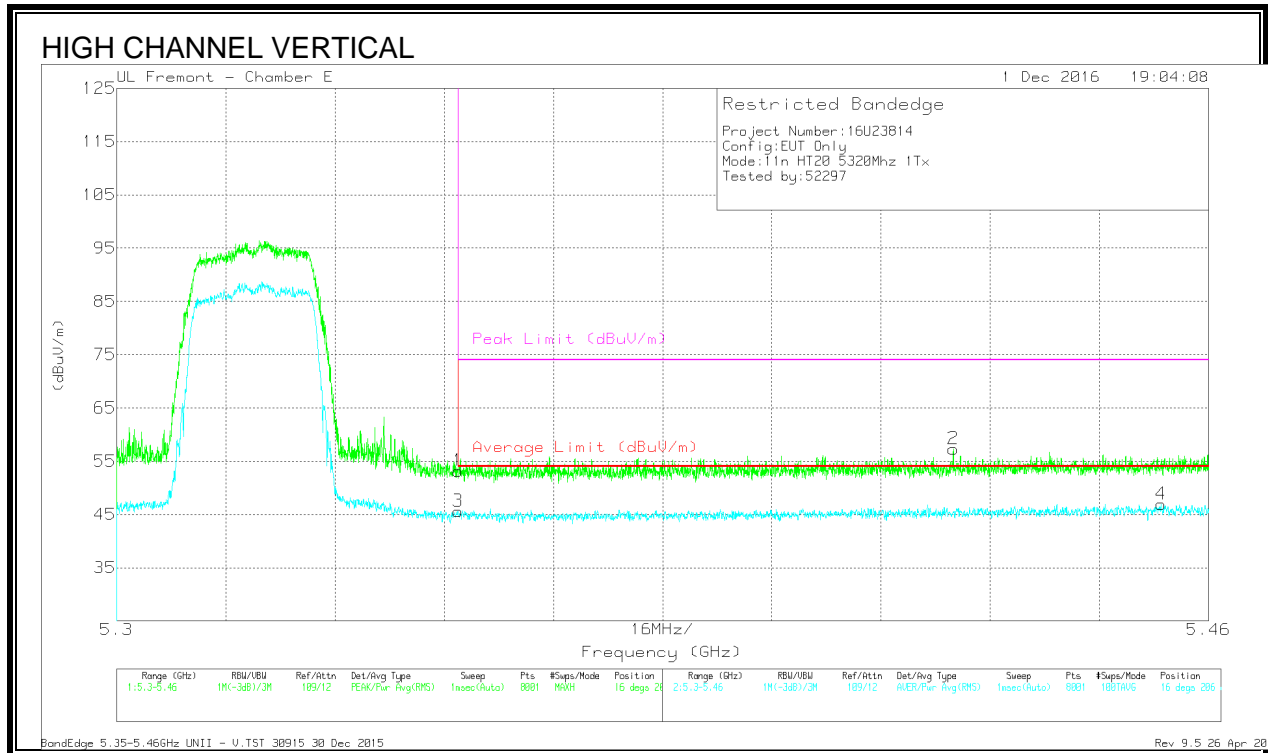
9.2.10. 11n HT20 ANTENNA A SISO MODE IN THE 5.3GHZ BAND

AUTHORIZED BANDEDGE (HIGH CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/FI tr/Pad (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	43.78	Pk	34.4	-19.3	58.88	-	-	74	-15.12	350	153	H
2	* 5.351	48.25	Pk	34.4	-19.3	63.35	-	-	74	-10.65	350	153	H
3	* 5.35	35.52	RMS	34.4	-19.3	50.62	54	-3.38	-	-	350	153	H
4	* 5.352	35.88	RMS	34.4	-19.3	50.98	54	-3.02	-	-	350	153	H

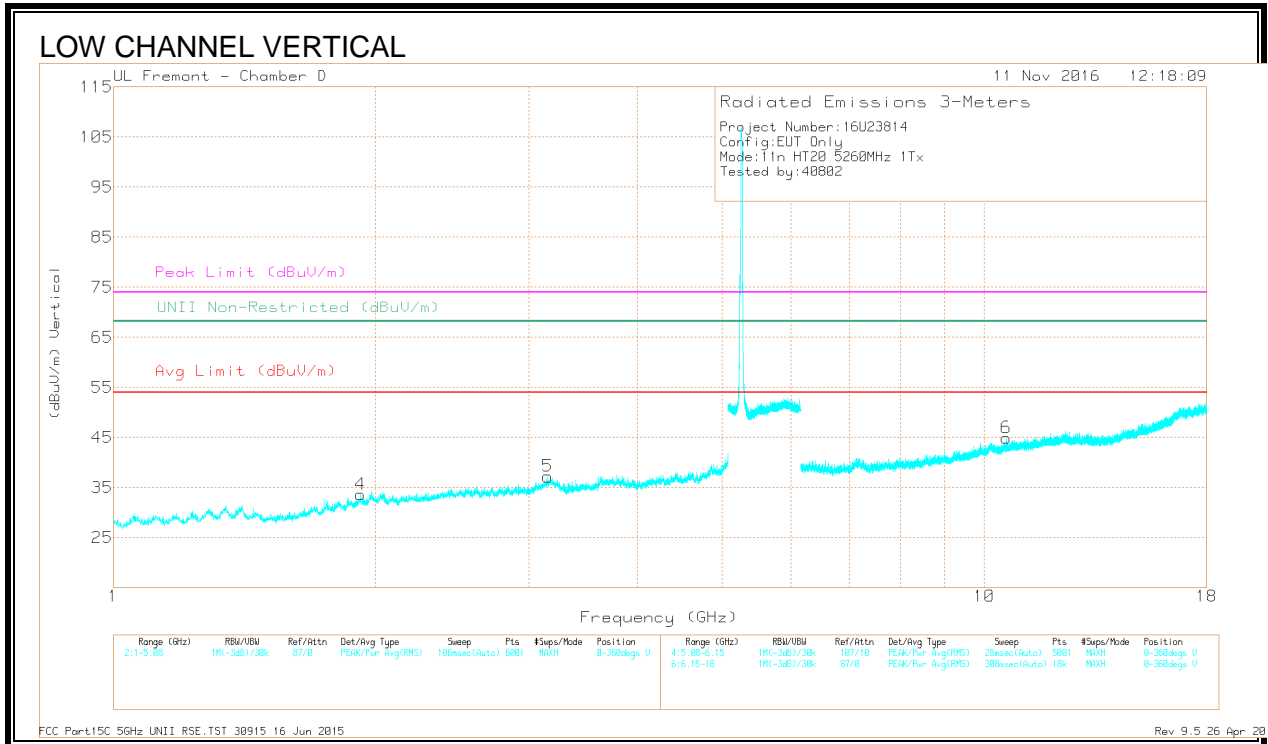
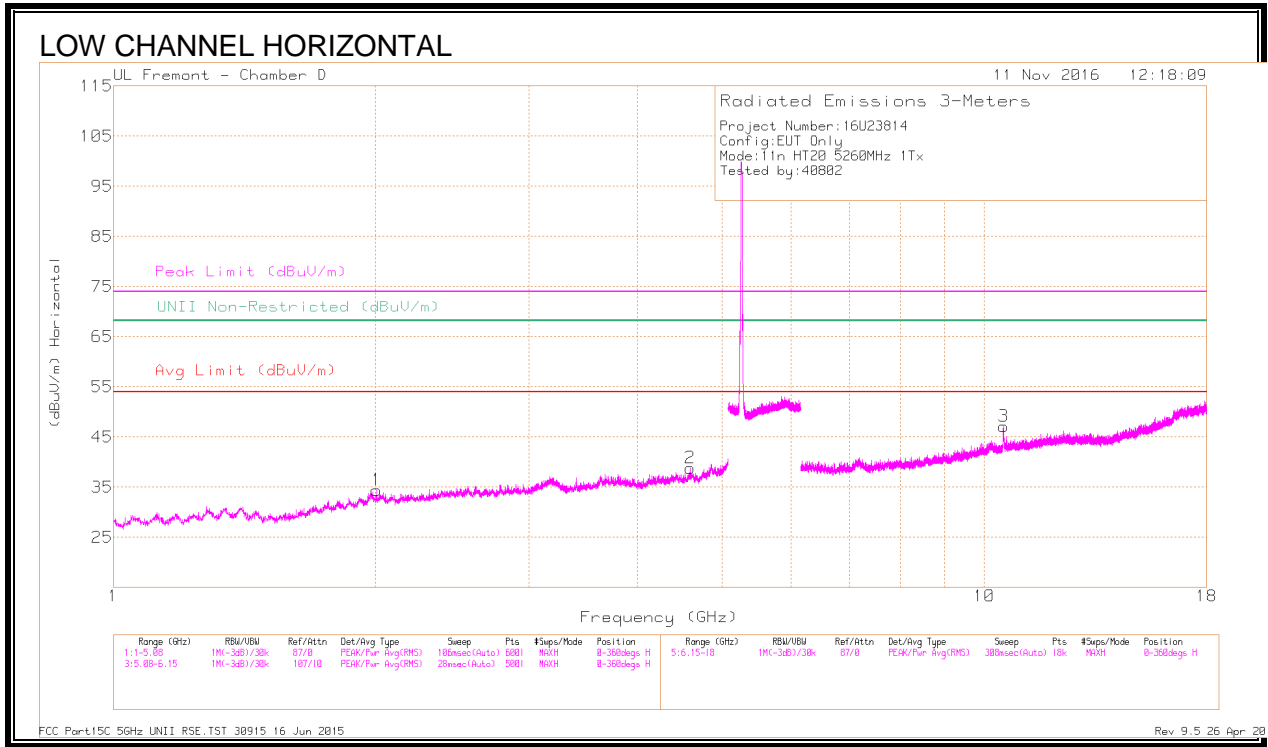
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/Pad (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	38.09	Pk	34.4	-19.3	53.19	-	-	74	-20.81	16	206	V
2	* 5.423	42.14	Pk	34.4	-19.2	57.34	-	-	74	-16.66	16	206	V
3	* 5.35	30.5	RMS	34.4	-19.3	45.6	54	-8.4	-	-	16	206	V
4	* 5.453	31.84	RMS	34.4	-19.3	46.94	54	-7.06	-	-	16	206	V

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

HARMONICS AND SPURIOUS EMISSIONS

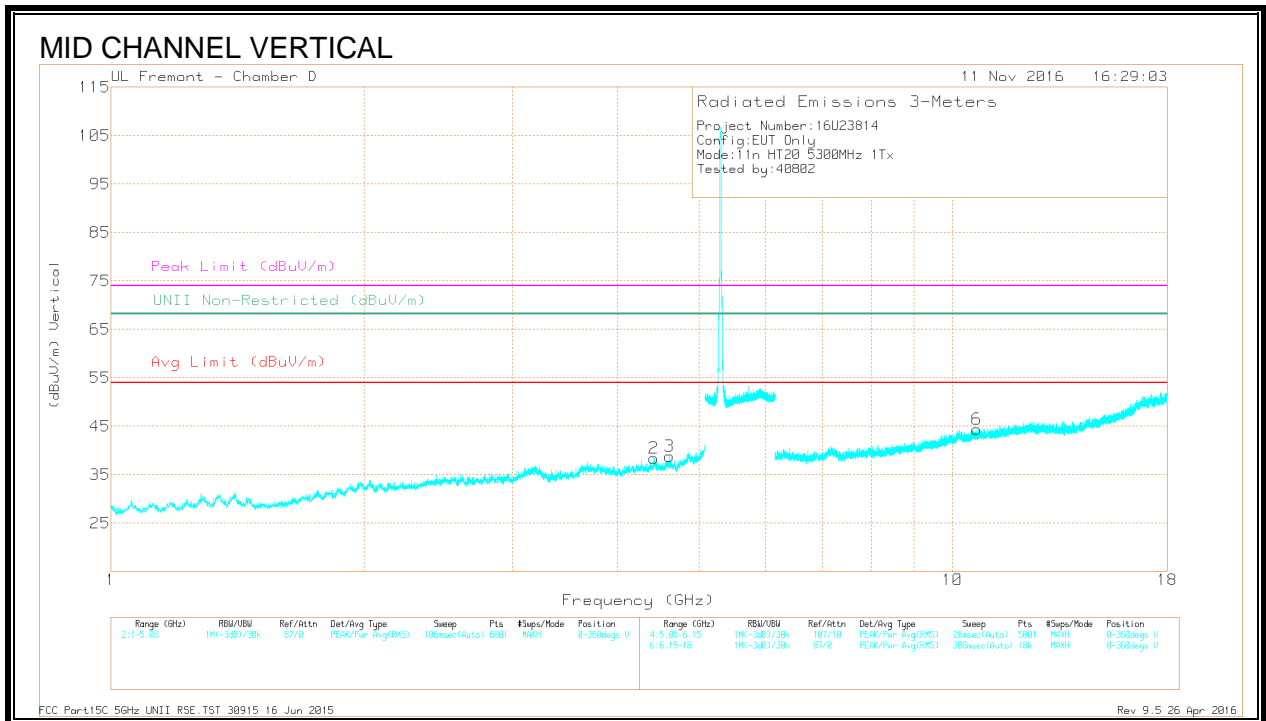
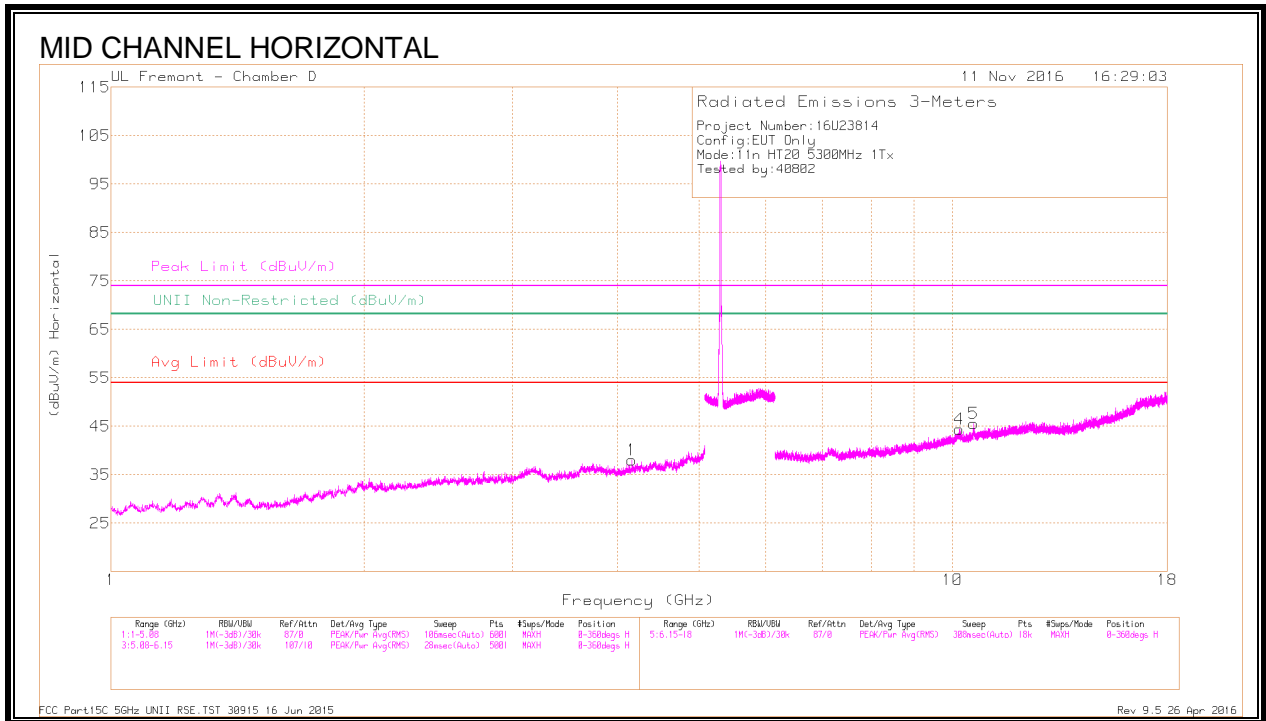


Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/ Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.004	39.6	PK-U	31.6	-30.5	40.7	-	-	-	-	68.2	-27.5	286	288	H
2	* 4.598	37.05	PK-U	34.2	-26.8	44.45	-	-	74	-29.55	-	-	97	113	H
	* 4.598	26.23	ADR	34.2	-26.8	33.63	54	-20.37	-	-	-	-	97	113	H
3	10.52	45.23	PK-U	37.7	-21.2	61.73	-	-	-	-	68.2	-6.47	27	257	H
4	1.923	40.65	PK-U	31	-31	40.65	-	-	-	-	68.2	-27.55	84	307	V
5	3.152	38.44	PK-U	33.6	-28.5	43.54	-	-	-	-	68.2	-24.66	288	362	V
6	10.6	33.73	PK-U	37.8	-21	50.53	-	-	-	-	68.2	-17.67	309	352	V

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

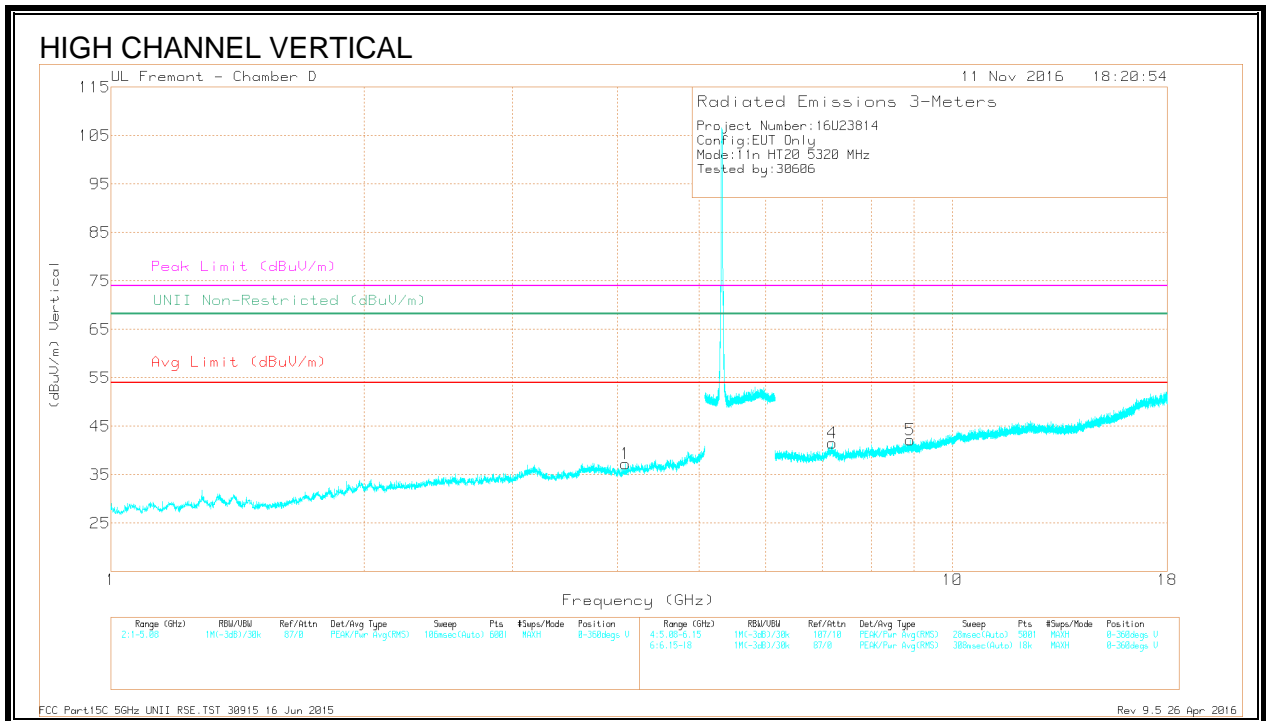
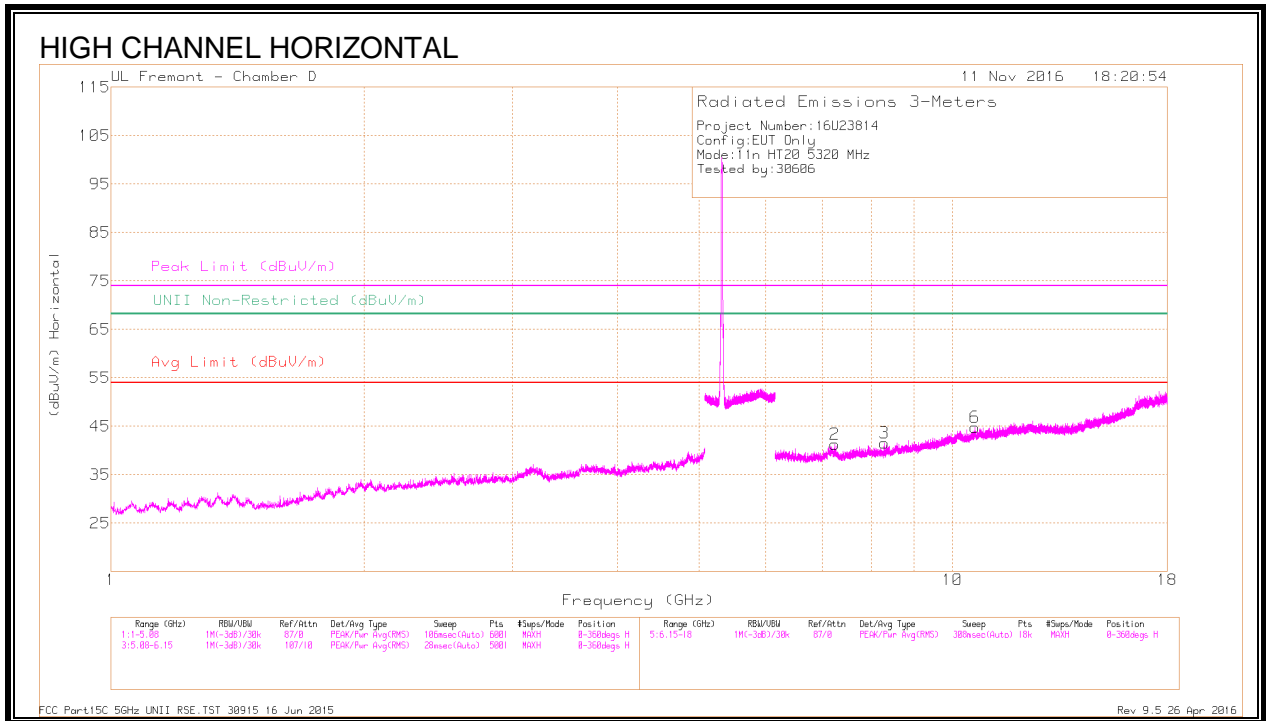
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb I/Ftr/Paid (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
6	* 4.162	38.3	PK-U	33.5	-28.1	0	43.7	-	-	74	-30.3	-	-	101	250	H
	* 4.162	27.26	ADR	33.5	-28.1	0	32.66	54	-21.34	-	-	-	-	101	250	H
2	4.417	37.16	PK-U	33.9	-27.1	0	43.96	-	-	-	-	68.2	-24.24	346	239	V
3	* 4.606	37.46	PK-U	34.2	-26.7	0	44.96	-	-	74	-29.04	-	-	270	386	V
	* 4.608	26	ADR	34.2	-26.6	0	33.6	54	-20.4	-	-	-	-	270	386	V
4	10.182	33.44	PK-U	37.4	-20.2	0	50.64	-	-	-	-	68.2	-17.56	151	123	H
5	10.599	42.49	PK-U	37.8	-21	0	59.29	-	-	-	-	68.2	-8.91	56	297	H
6	* 10.685	34.2	PK-U	37.9	-21.6	0	50.5	-	-	74	-23.5	-	-	12	117	V
	* 10.683	23.32	ADR	37.9	-21.6	0	39.62	54	-14.38	-	-	-	-	12	117	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

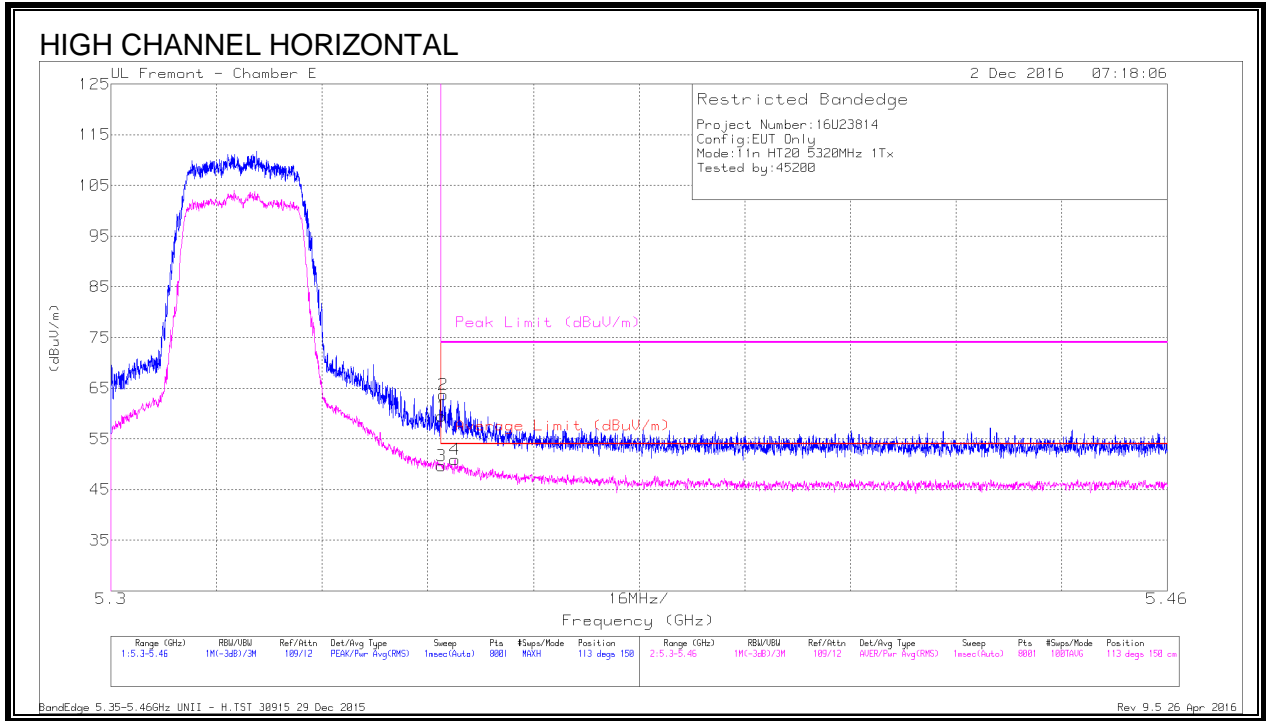


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitter/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.086	37.67	PK-U	33.5	-28.6	42.57	-	-	74	-31.43	-	-	183	187	V
	* 4.085	26.89	ADR	33.5	-28.6	31.79	54	-22.21	-	-	-	-	183	187	V
2	* 7.413	34.98	PK-U	35.6	-24.7	45.88	-	-	74	-28.12	-	-	111	391	H
	* 7.317	25.56	ADR	35.6	-25.4	35.76	54	-18.24	-	-	-	-	111	391	H
3	* 8.299	34.76	PK-U	35.8	-23.7	46.86	-	-	74	-27.14	-	-	148	303	H
	* 8.3	24.05	ADR	35.8	-23.7	36.15	54	-17.85	-	-	-	-	148	303	H
4	7.193	34.87	PK-U	35.7	-23.4	47.17	-	-	-	-	68.2	-21.03	87	200	V
5	8.913	34.74	PK-U	36.1	-23.2	47.64	-	-	-	-	68.2	-20.56	327	200	V
6	* 10.64	34.16	PK-U	37.8	-21.5	50.46	-	-	74	-23.54	-	-	56	200	H
	* 10.639	23.31	ADR	37.8	-21.5	39.61	54	-14.39	-	-	-	-	56	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

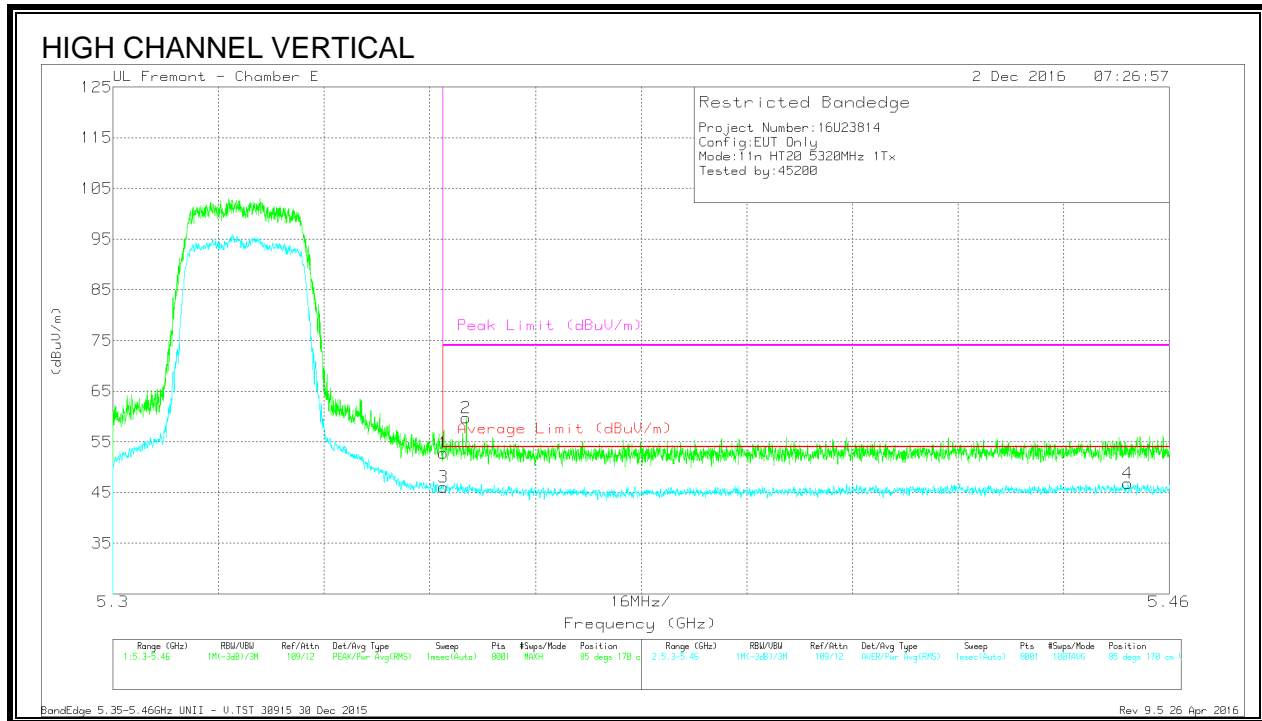
9.2.11. 11n HT20 ANTENNA B SISO MODE IN THE 5.3GHZ BAND

AUTHORIZED BANDEDGE (HIGH CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Parad (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	44.34	Pk	34.4	-19.3	59.44	-	-	74	-14.56	113	150	H
2	* 5.35	48.63	Pk	34.4	-19.3	63.73	-	-	74	-10.27	113	150	H
3	* 5.35	34.56	RMS	34.4	-19.3	49.66	54	-4.34	-	-	113	150	H
4	* 5.352	35.78	RMS	34.4	-19.3	50.88	54	-3.12	-	-	113	150	H

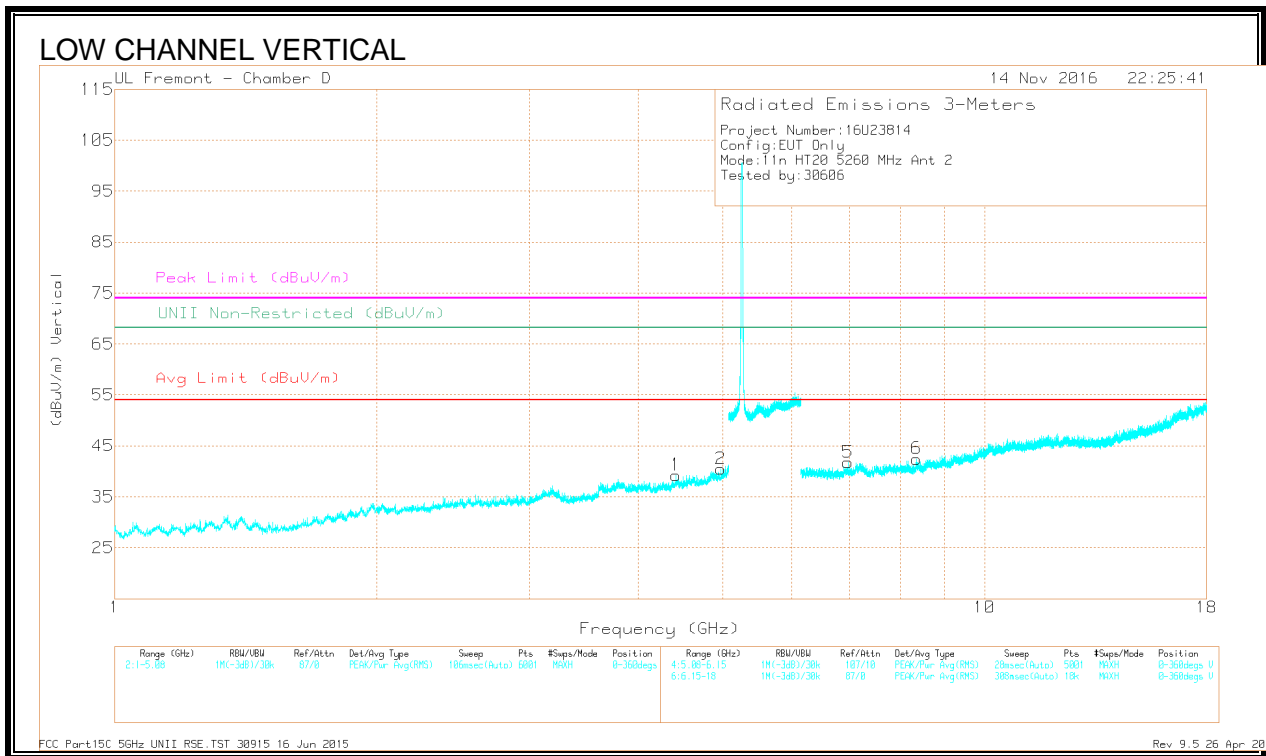
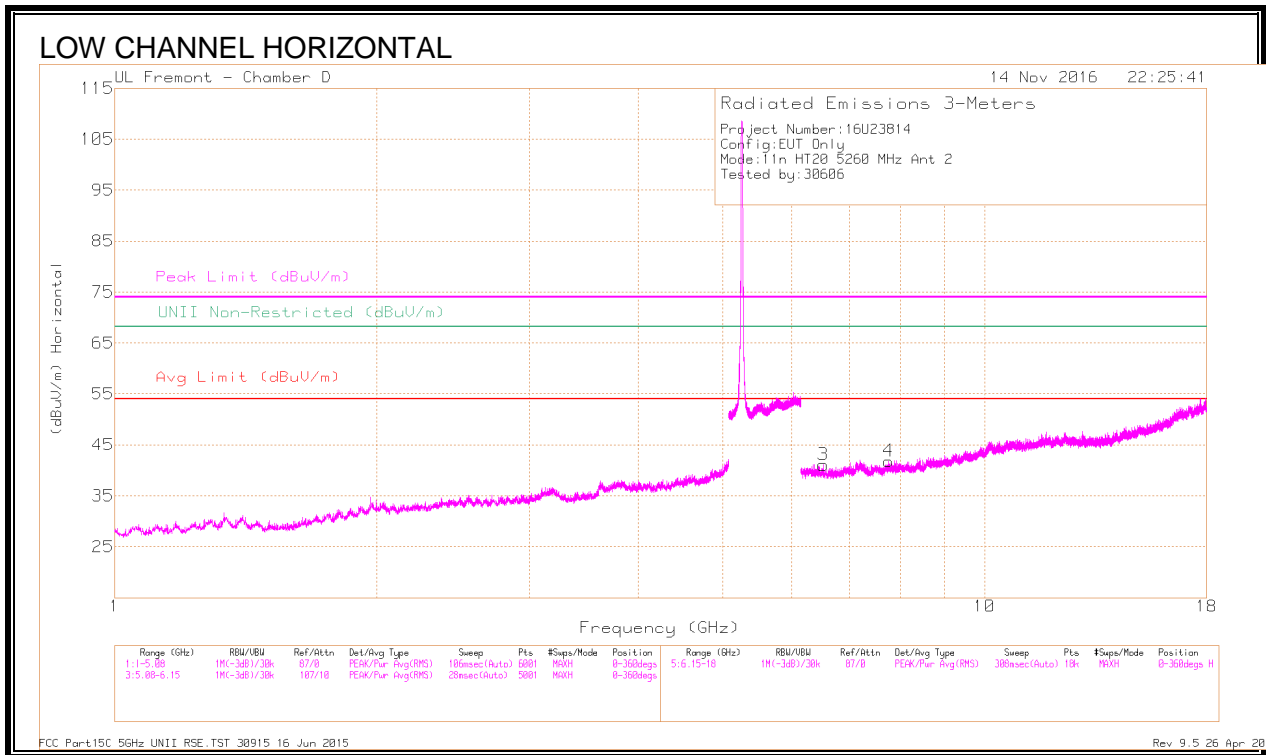
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/FI tr/Pad (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	37.62	Pk	34.4	-19.3	52.72	-	-	74	-21.28	85	170	V
2	* 5.354	44.64	Pk	34.4	-19.3	59.74	-	-	74	-14.26	85	170	V
3	* 5.35	30.97	RMS	34.4	-19.3	46.07	54	-7.93	-	-	85	170	V
4	* 5.454	31.72	RMS	34.4	-19.3	46.82	54	-7.18	-	-	85	170	V

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

HARMONICS AND SPURIOUS EMISSIONS



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (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	4.421	38.33	PK-U	33.9	-27.1	45.13	-	-	-	-	68.2	-23.07	144	154	V
2	* 4.972	38.55	PK-U	34.1	-26.7	45.95	-	-	74	-28.05	-	-	28	264	V
	* 4.971	27.61	ADR	34.1	-26.7	35.01	54	-18.99	-	-	-	-	28	264	V
3	6.524	37.05	PK-U	35.6	-25.1	47.55	-	-	-	-	68.2	-20.65	229	142	H
4	7.756	36.56	PK-U	35.8	-24.1	48.26	-	-	-	-	68.2	-19.94	303	282	H
5	6.964	37.04	PK-U	35.7	-25.4	47.34	-	-	-	-	68.2	-20.86	243	113	V
6	* 8.357	35.52	PK-U	35.8	-23.2	48.12	-	-	74	-25.88	-	-	45	272	V
	* 8.359	24.99	ADR	35.8	-23.2	37.59	54	-16.41	-	-	-	-	45	272	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

