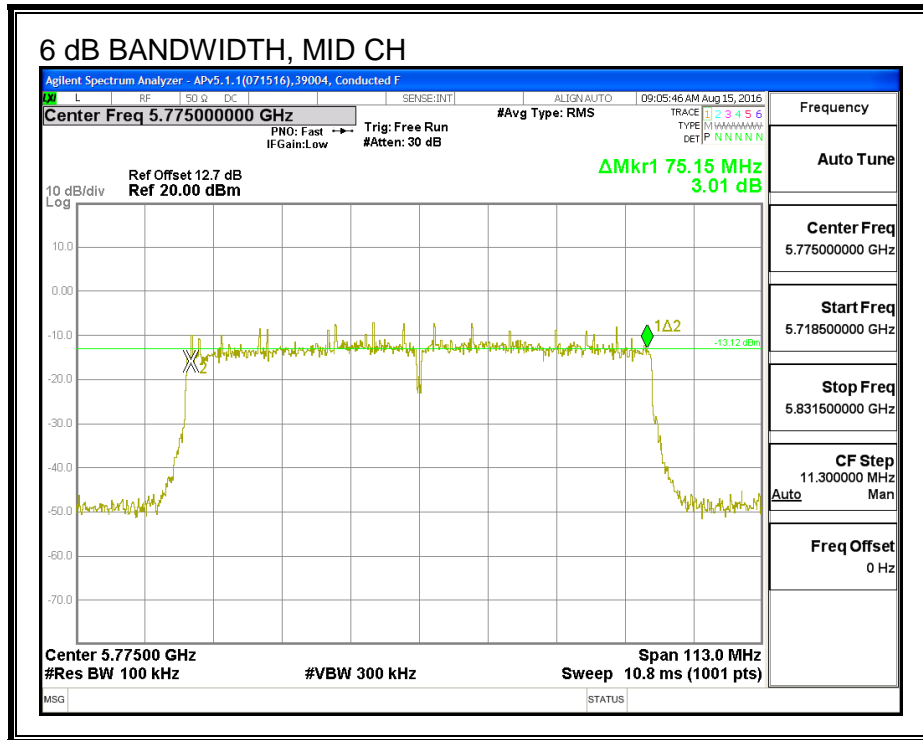
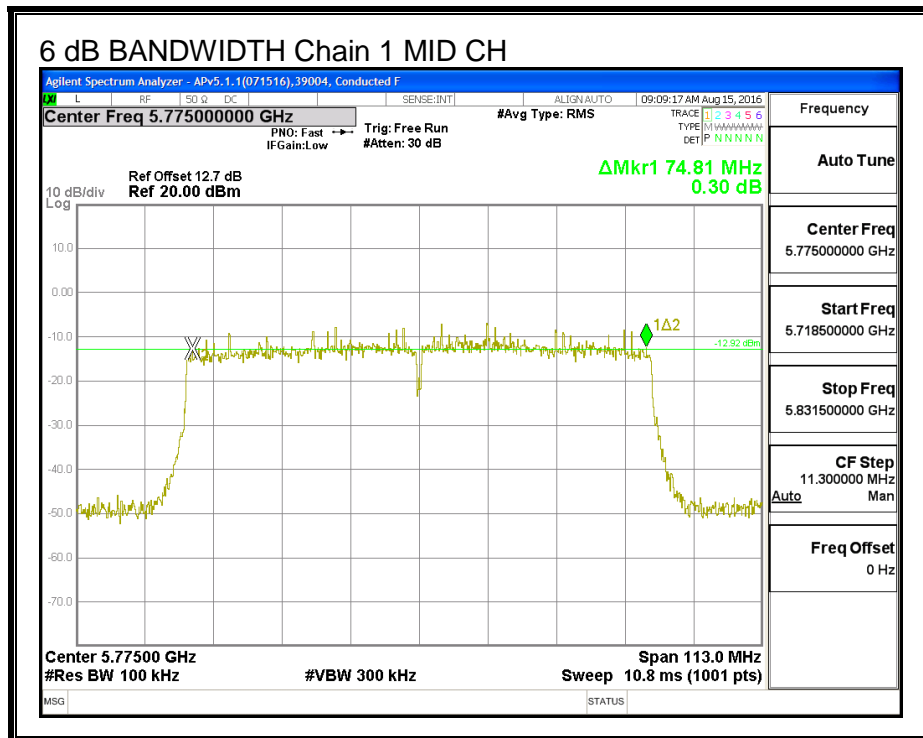


6 dB BANDWIDTH, CHAIN 0



6 DB BANDWIDTH, CHAIN 1



8.84.2. 26 dB BANDWIDTH

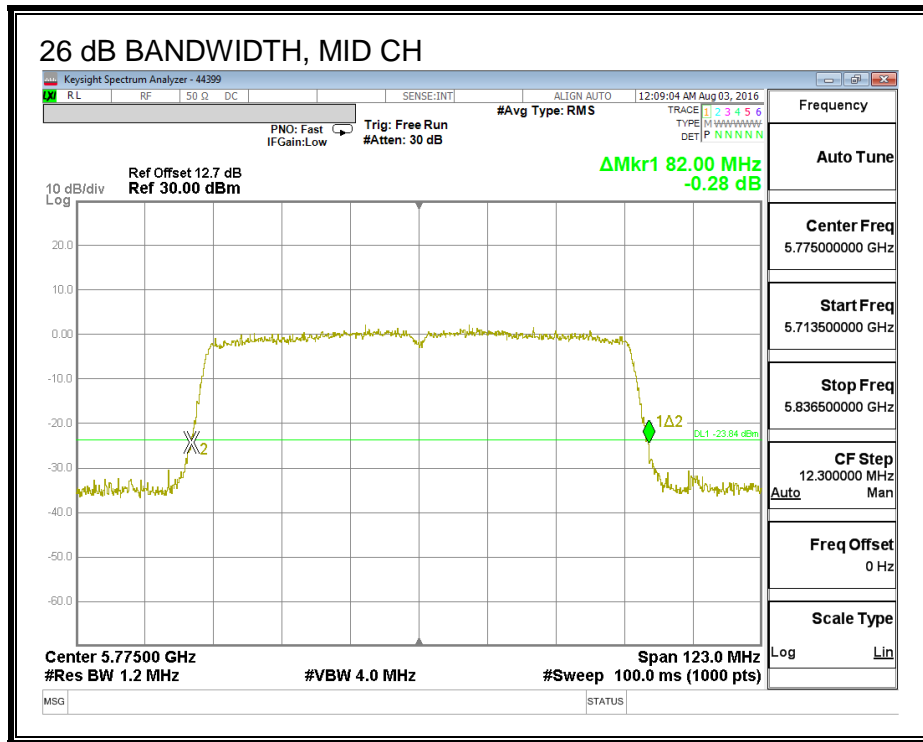
LIMITS

None, for reporting purposes only.

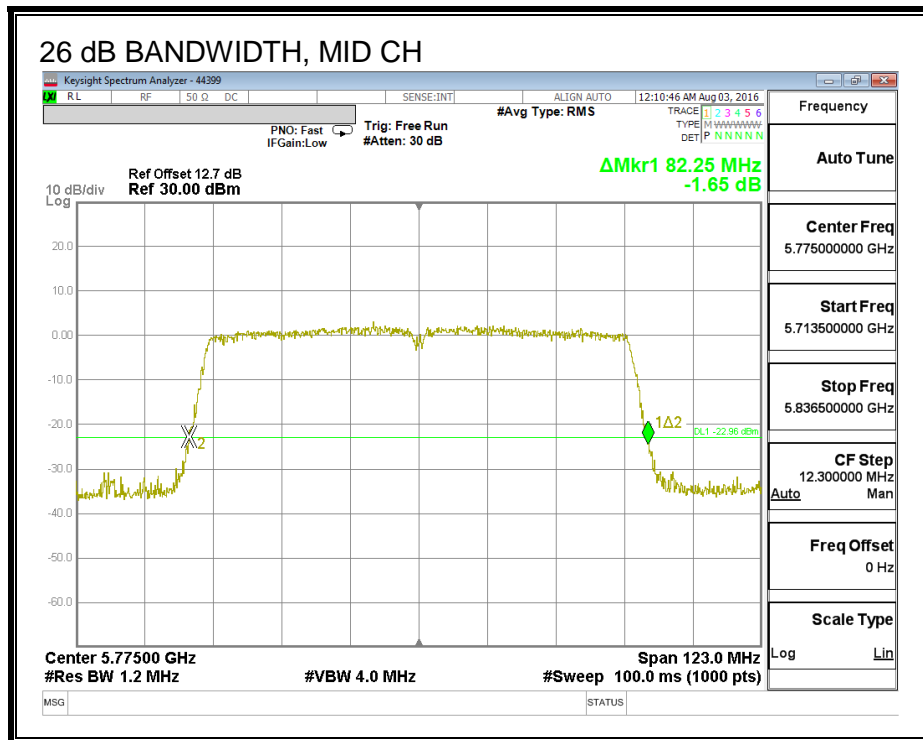
RESULTS

Channel	Frequency (MHz)	26 dB BW Chain 0 (MHz)	26 dB BW Chain 1 (MHz)
Mid	5775	82.00	82.25

26 dB BANDWIDTH, CHAIN 0



26 dB BANDWIDTH, CHAIN 1



8.84.3. 99% BANDWIDTH

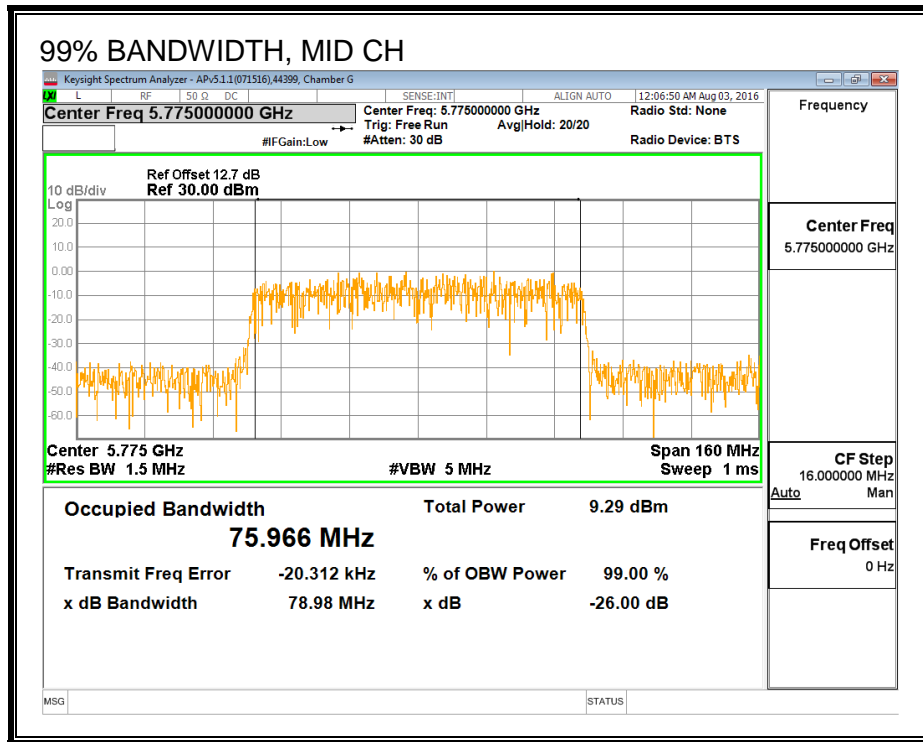
LIMITS

None; for reporting purposes only.

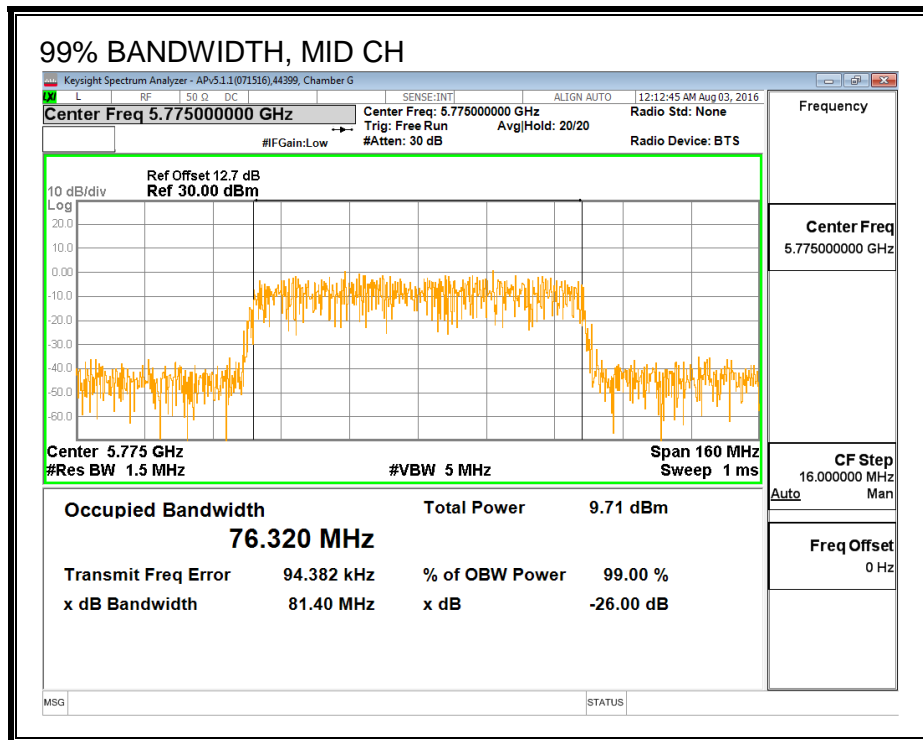
RESULTS

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Mid	5775	75.966	76.320

99% BANDWIDTH, CHAIN 0



99% BANDWIDTH, CHAIN 1



8.84.4. AVERAGE POWER (FCC)

LIMITS

None; for reporting purposes only.

TEST PROCEDURE

Measurements perform using a wideband gated RF power meter.

RESULTS

ID:	39004	Date:	9/2/16
------------	-------	--------------	--------

Channel	Frequency (MHz)	Chain 0 Power (dBm)	Chain 1 Power (dBm)	Total Power (dBm)
Mid	5775	12.43	12.39	15.42

8.84.5. OUTPUT POWER (FCC)

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

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
5.80	7.70	9.81

RESULTS

ID:	39004	Date:	9/2/16
------------	-------	--------------	--------

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Mid	5775	9.81	26.19

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	12.43	12.39	15.42	26.19	-10.77

8.84.6. PSD (FCC)

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:

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
5.80	7.70	9.81

RESULTS

Antenna Gain and Limit

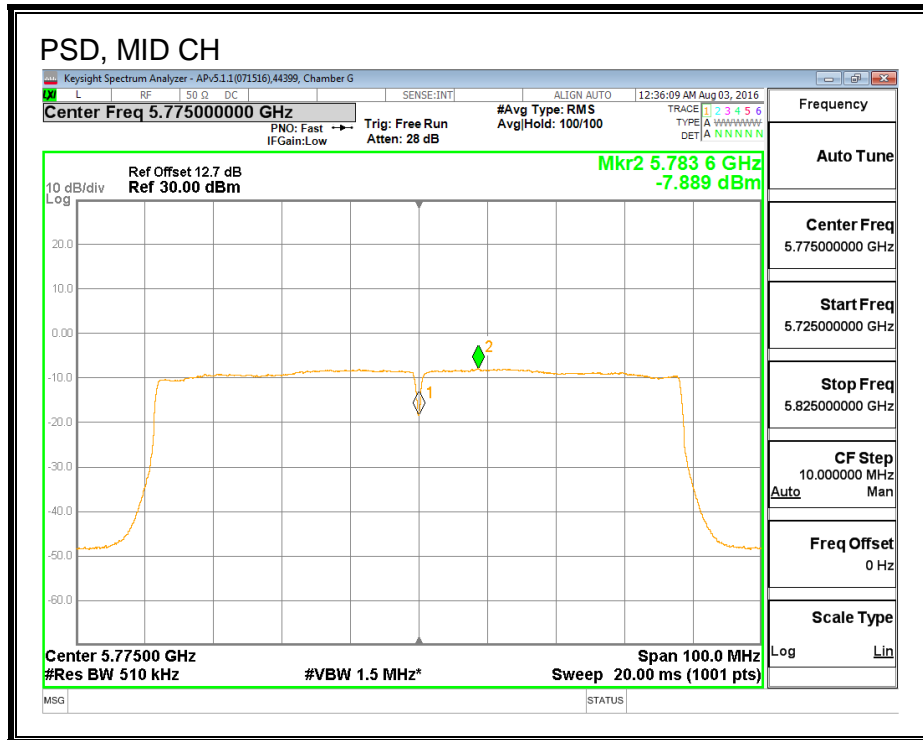
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Mid	5775	9.81	26.19

Duty Cycle CF (dB)	0.33	Included in Calculations of Corr'd PSD
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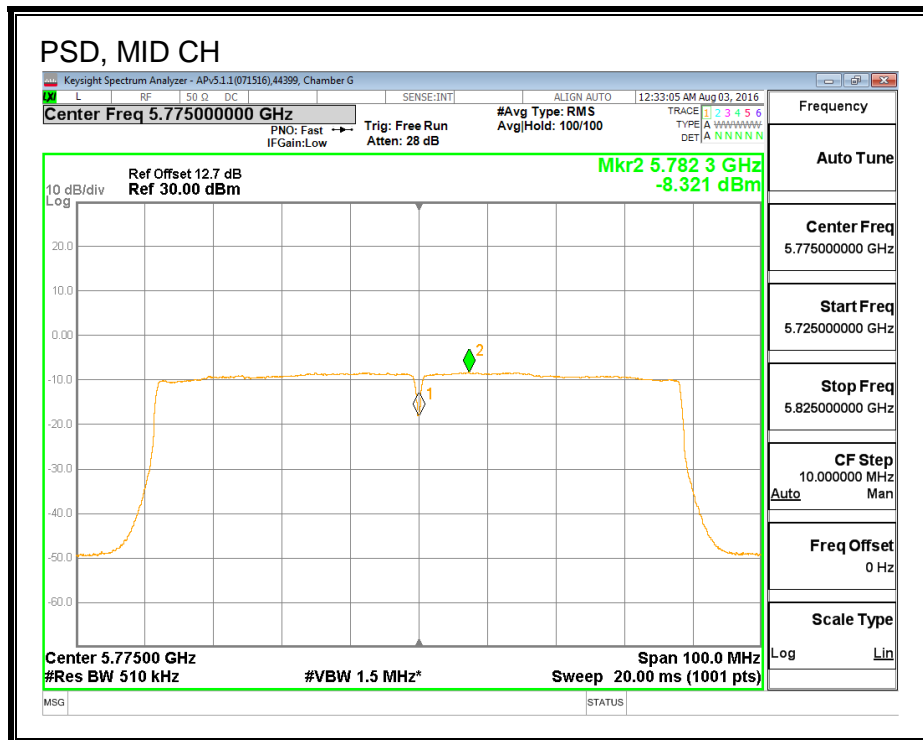
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-7.89	-8.32	-4.76	26.19	-30.95

PSD, CHAIN 0



PSD, CHAIN 1



8.84.7. AVERAGE POWER (IC)

LIMITS

None; for reporting purposes only.

TEST PROCEDURE

Measurements perform using a wideband gated RF power meter.

RESULTS

ID:	39004	Date:	9/2/16
------------	-------	--------------	--------

Channel	Frequency (MHz)	Chain 0 Power (dBm)	Chain 1 Power (dBm)	Total Power (dBm)
Mid	5775	9.42	9.37	12.41

8.84.8. OUTPUT POWER (IC)

LIMITS

FCC §15.407 (a) (3)

IC RSS-247 (6.2.4) (1)

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

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
5.80	7.70	9.81

RESULTS

ID:	39004	Date:	9/2/16
------------	-------	--------------	--------

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Mid	5775	9.81	26.19

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	9.42	9.37	12.41	26.19	-13.78

8.84.9. PSD (IC)

LIMITS

IC RSS-247 (6.2.4) (1)

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:

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
5.80	7.70	9.81

RESULTS

Antenna Gain and Limit

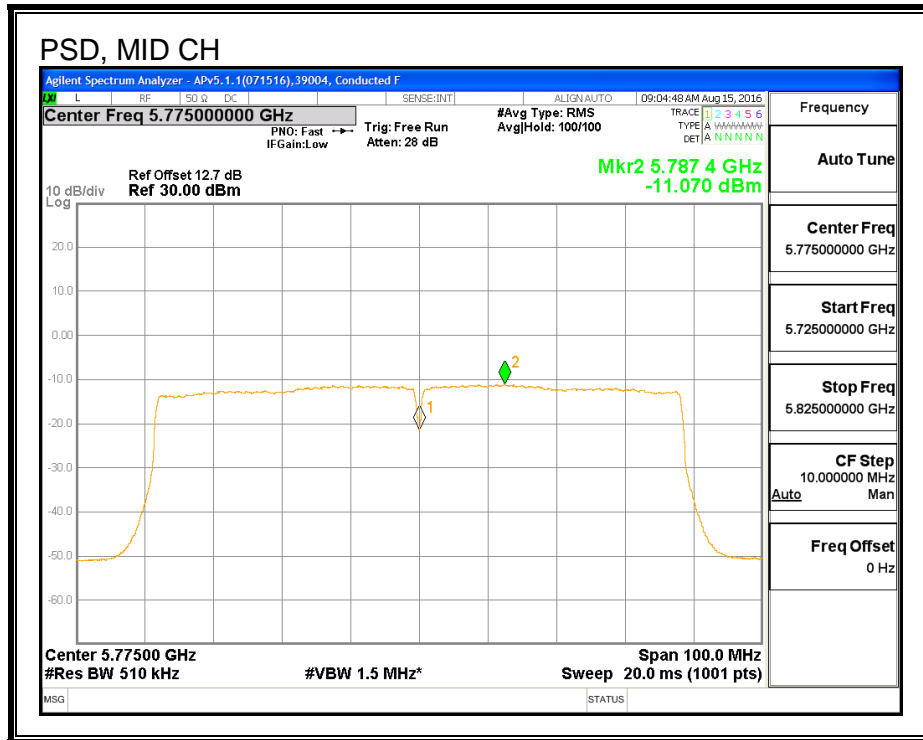
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Mid	5775	9.81	26.19

Duty Cycle CF (dB)	0.33	Included in Calculations of Corr'd PSD
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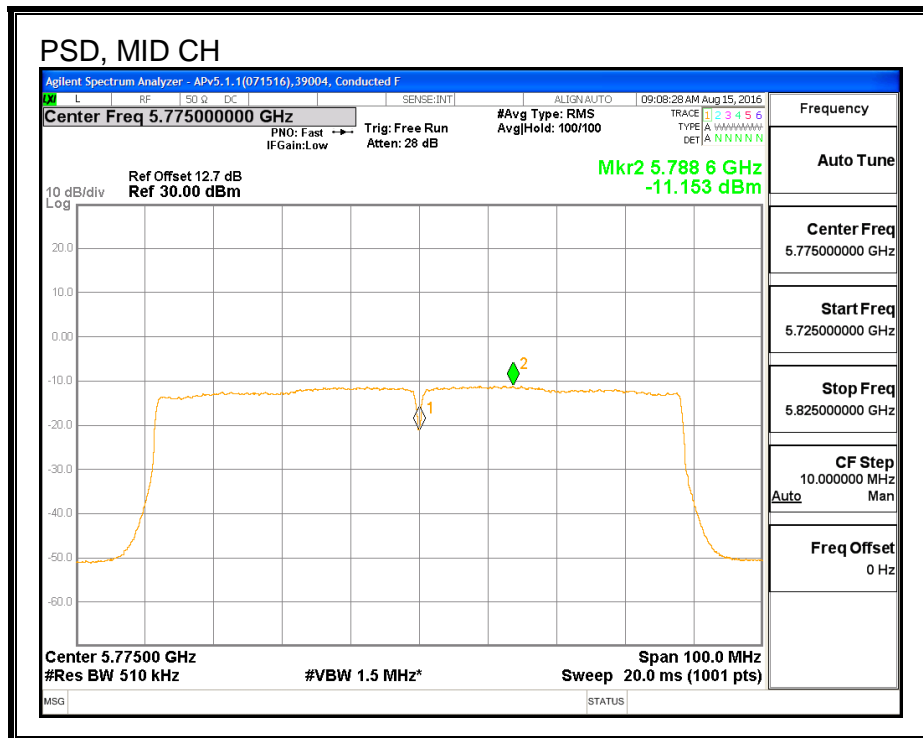
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-11.07	-11.15	-7.77	26.19	-33.96

PSD, CHAIN 0



PSD, CHAIN 1



9. RADIATED TEST RESULTS

9.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

IC RSS-GEN, Section 8.9 and 8.10.

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.

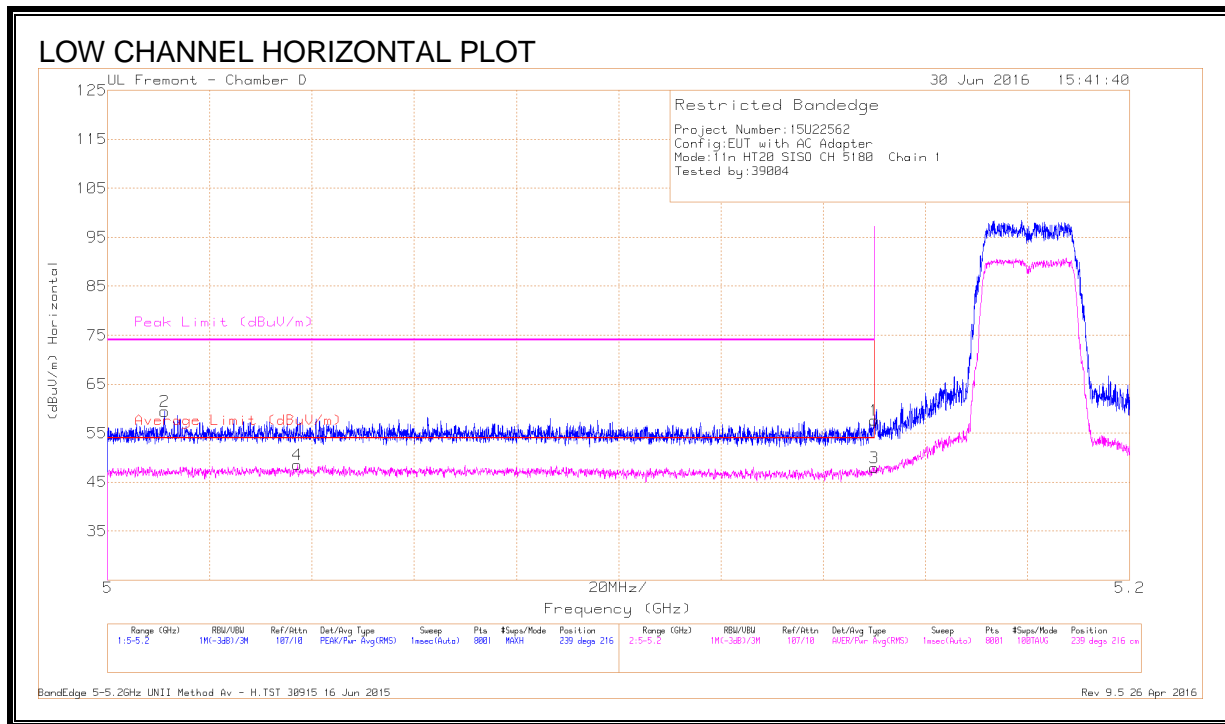
The spectrum from 30 MHz to 40 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band.

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. 802.11n HT20 1Tx MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE, CHAIN 0 (LOW CHANNEL)



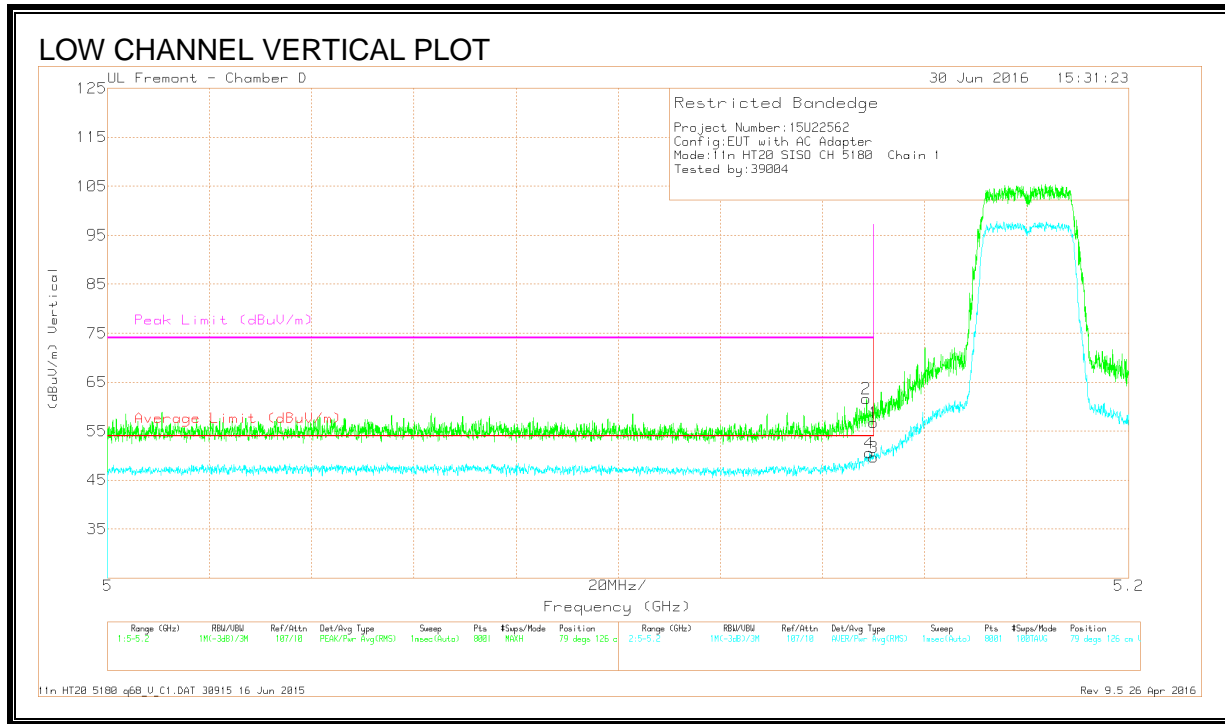
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Marg in (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	41.73	Pk	34.1	-18.2	57.63	-	-	74	-16.37	239	216	H
2	* 5.011	43.32	Pk	34	-17.9	59.42	-	-	74	-14.58	239	216	H
3	5.15	32.01	RMS	34.1	-18.2	47.91	54	-6.09	-	-	239	216	H
4	* 5.037	32.56	RMS	34	-18.0	48.56	54	-5.44	-	-	239	216	H

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

Pk - Peak detector

RMS - RMS detection

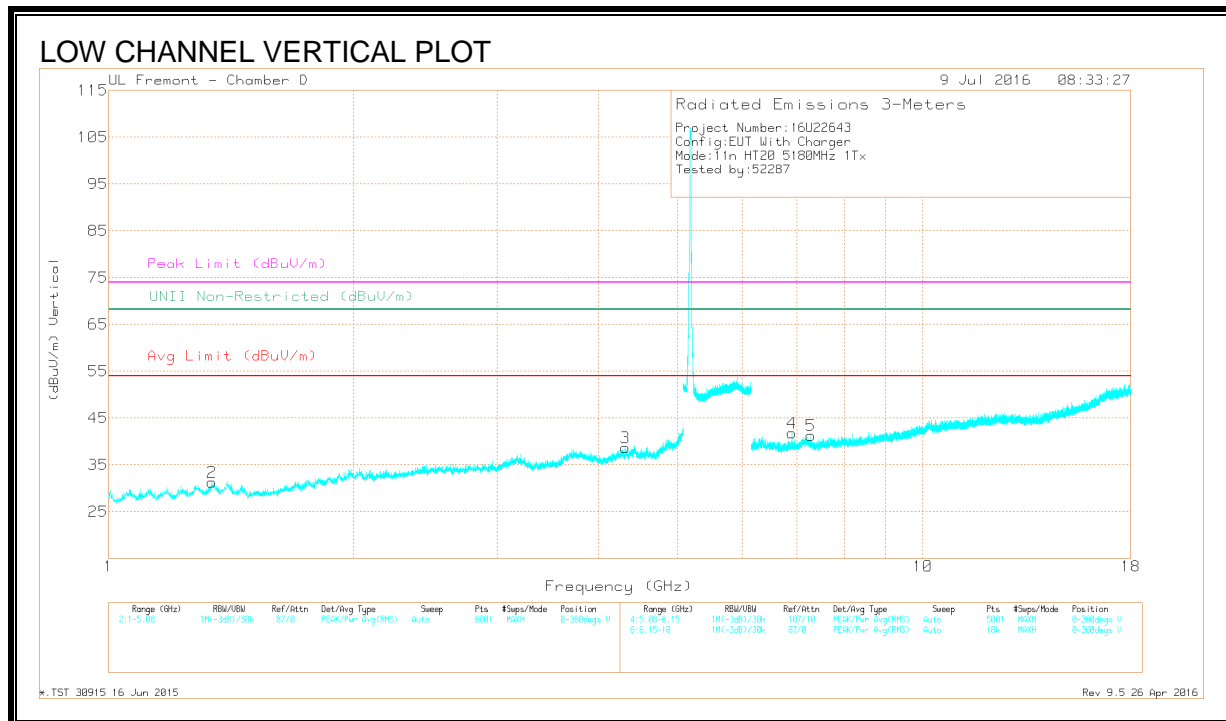
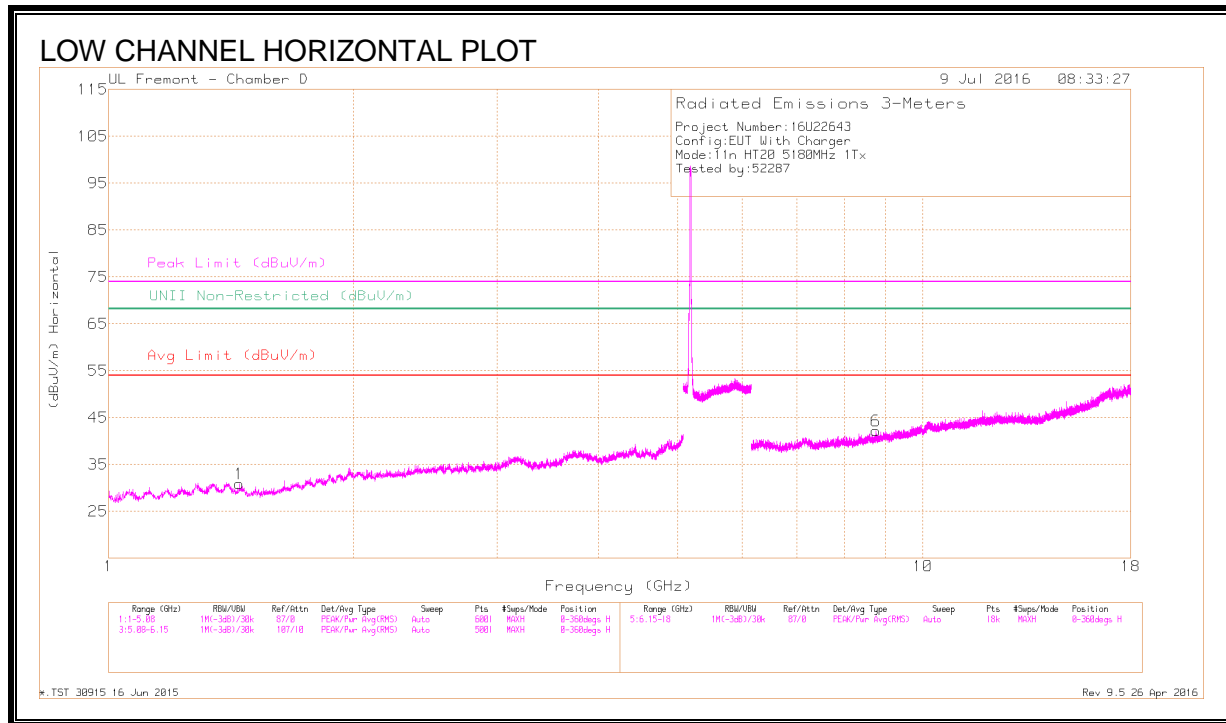


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (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)	Polarization
1	5.15	40.88	Pk	34.1	-18.2	56.78	-	-	74	-17.22	79	126	V
2	* 5.149	45.75	Pk	34.1	-18.2	61.65	-	-	74	-12.35	79	126	V
3	5.15	33.78	RMS	34.1	-18.2	49.68	54	-4.32	-	-	79	126	V
4	* 5.149	34.65	RMS	34.1	-18.2	50.55	54	-3.45	-	-	79	126	V

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

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

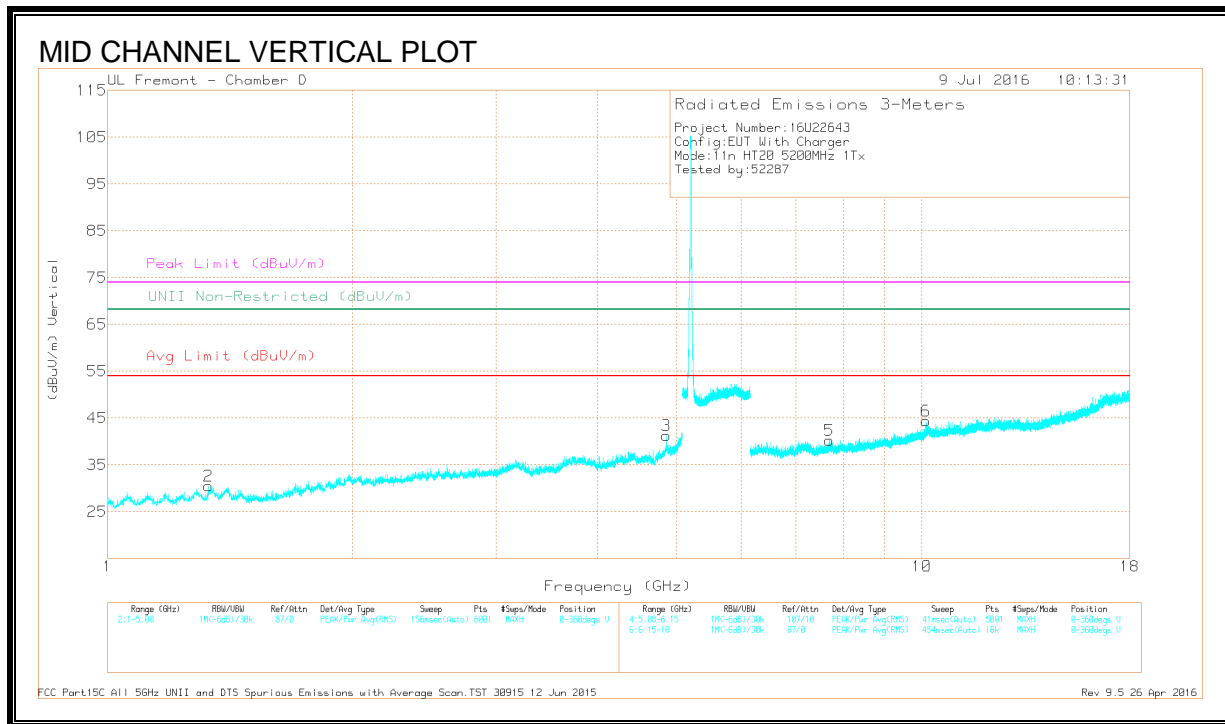
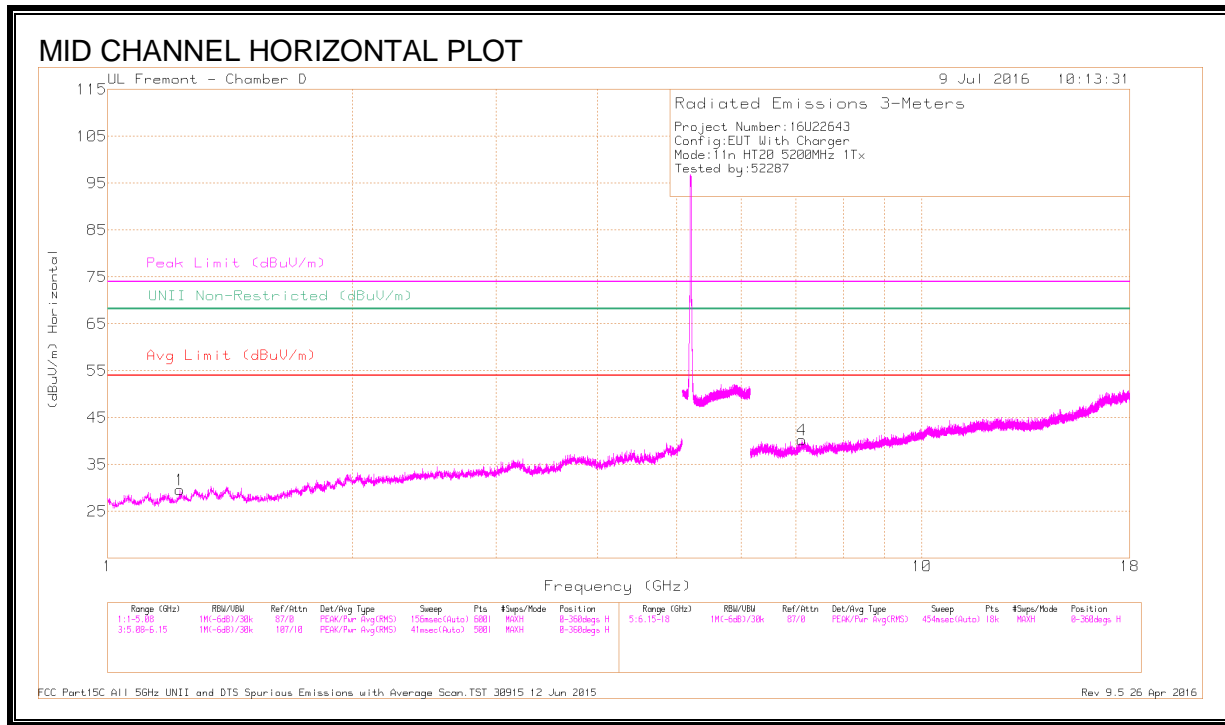
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.447	40.21	PK-U	28.4	-31.4	37.21	-	-	74	-36.79	-	-	118	152	H
	* 1.446	28.91	ADR	28.4	-31.4	25.91	54	-28.09	-	-	-	-	118	152	H
2	* 1.339	41	PK-U	28.9	-31.3	38.6	-	-	74	-35.4	-	-	170	261	V
	* 1.34	29.64	ADR	28.9	-31.3	27.24	54	-26.76	-	-	-	-	170	261	V
3	* 4.315	38.06	PK-U	33.6	-28.2	43.46	-	-	74	-30.54	-	-	187	316	V
	* 4.315	27.32	ADR	33.6	-28.2	32.72	54	-21.28	-	-	-	-	187	316	V
5	* 7.287	35.81	PK-U	35.7	-25.1	46.41	-	-	74	-27.59	-	-	359	157	V
	* 7.289	25.32	ADR	35.7	-25.1	35.92	54	-18.08	-	-	-	-	359	157	V
4	6.907	37.13	PK-U	35.7	-25	47.83	-	-	-	-	68.2	-20.37	226	214	V
6	8.761	34.49	PK-U	36	-22.6	47.89	-	-	-	-	68.2	-20.31	320	218	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

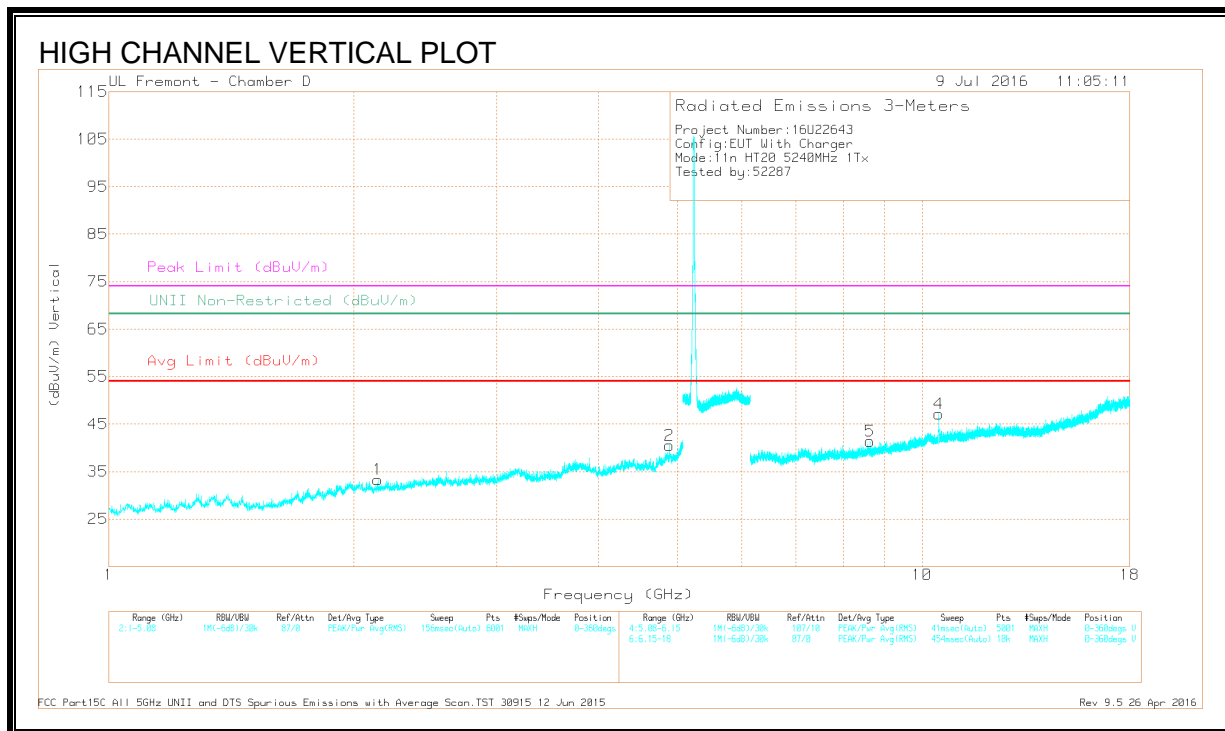
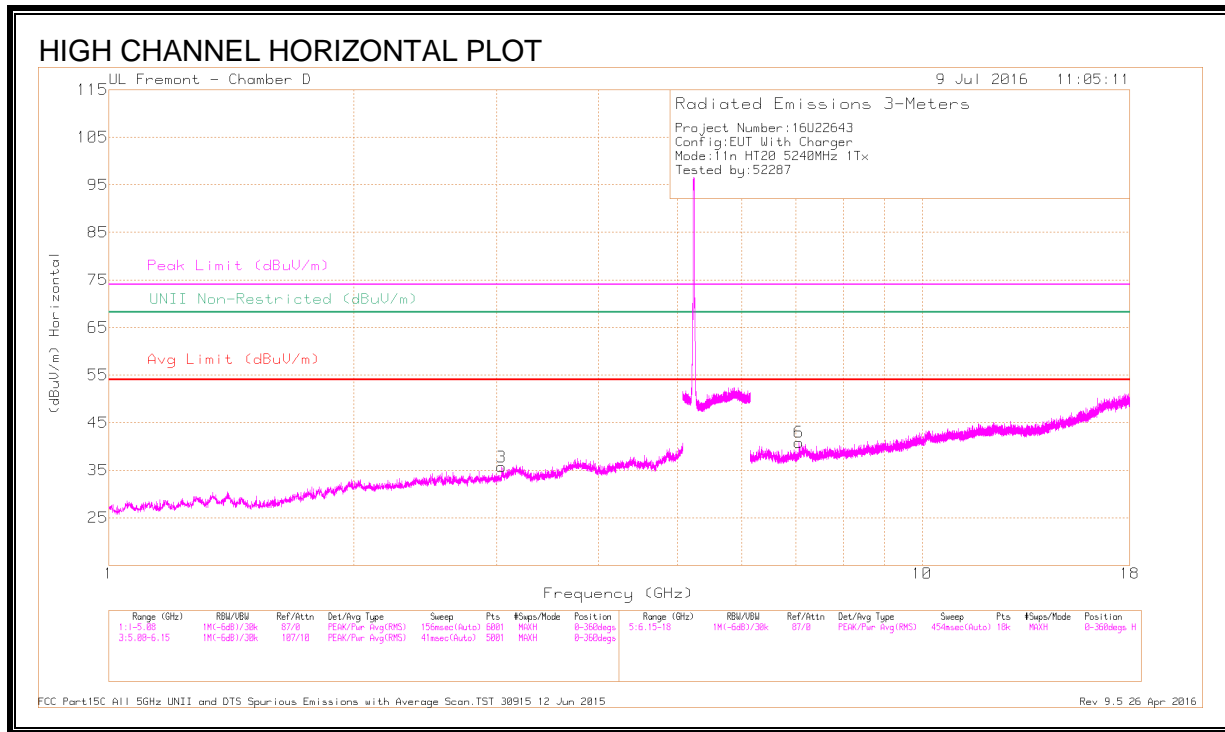
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 1.227	39.36	PK-U	28.4	-32.2	35.56	-	-	74	-38.44	-	-	336	290	H
	* 1.228	28.15	ADR	28.4	-32.2	24.35	54	-29.65	-	-	-	-	336	290	H
2	* 1.329	37.94	PK-U	28.9	-31.4	35.44	-	-	74	-38.56	-	-	187	383	V
	* 1.331	27.35	ADR	28.9	-31.4	24.85	54	-29.15	-	-	-	-	187	383	V
3	* 4.853	37.83	PK-U	34.1	-25.4	46.53	-	-	74	-27.47	-	-	293	201	V
	* 4.853	29.05	ADR	34.1	-25.4	37.75	54	-16.25	-	-	-	-	293	201	V
5	* 7.695	33.68	PK-U	35.8	-24.3	45.18	-	-	74	-28.82	-	-	246	293	V
	* 7.691	23.44	ADR	35.8	-24.5	34.74	54	-19.26	-	-	-	-	246	293	V
4	7.128	34.08	PK-U	35.8	-23.8	46.08	-	-	-	-	68.2	-22.12	148	123	H
6	10.112	31.59	PK-U	37.4	-20.7	48.29	-	-	-	-	68.2	-19.91	233	113	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

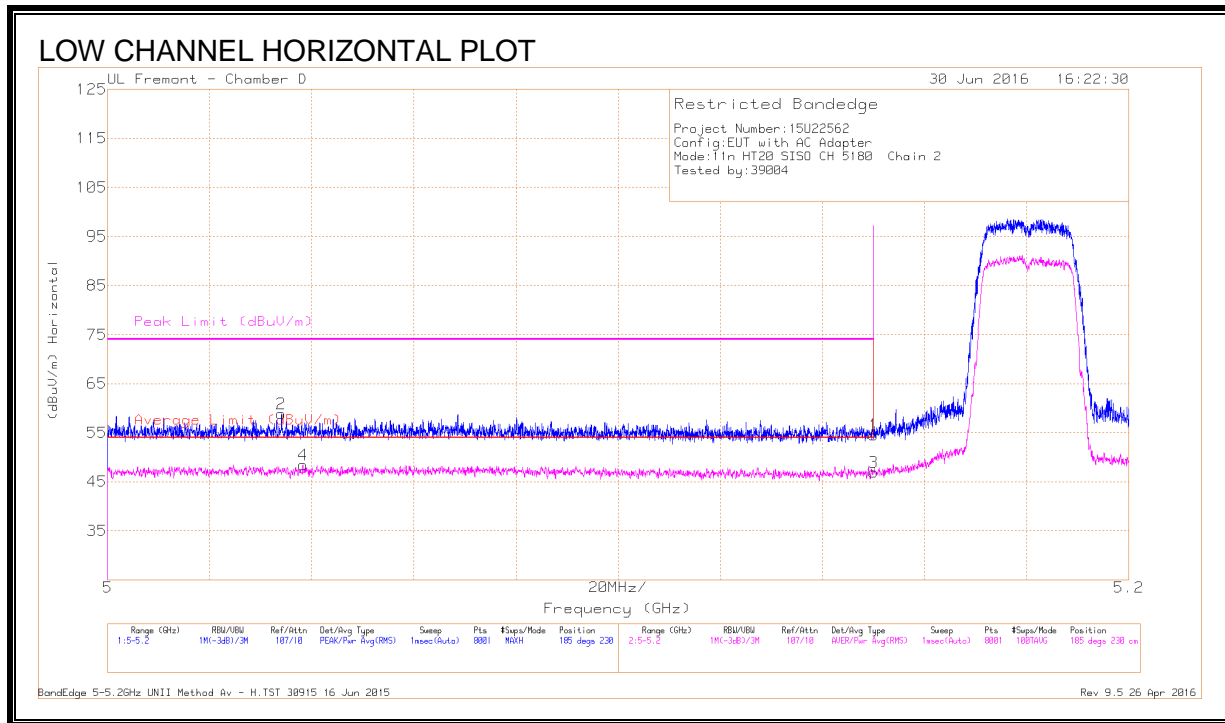
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.141	37.75	PK-U	31.3	-30.6	38.45	-	-	-	-	68.2	-29.75	255	373	V
2	* 4.891	38.08	PK-U	34.1	-25.3	46.88	-	-	74	-27.12	-	-	287	228	V
	* 4.891	29.95	ADR	34.1	-25.3	38.75	54	-15.25	-	-	-	-	287	228	V
3	3.04	38	PK-U	32.8	-29.7	41.1	-	-	-	-	68.2	-27.1	72	211	H
4	10.482	37.97	PK-U	37.6	-21.2	54.37	-	-	-	-	68.2	-13.83	119	108	V
5	8.63	32.43	PK-U	35.9	-22.7	45.63	-	-	-	-	68.2	-22.57	238	202	V
6	7.061	35.15	PK-U	35.7	-25.4	45.45	-	-	-	-	68.2	-22.75	348	380	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

RESTRICTED BANDEDGE, CHAIN 1 (LOW CHANNEL)



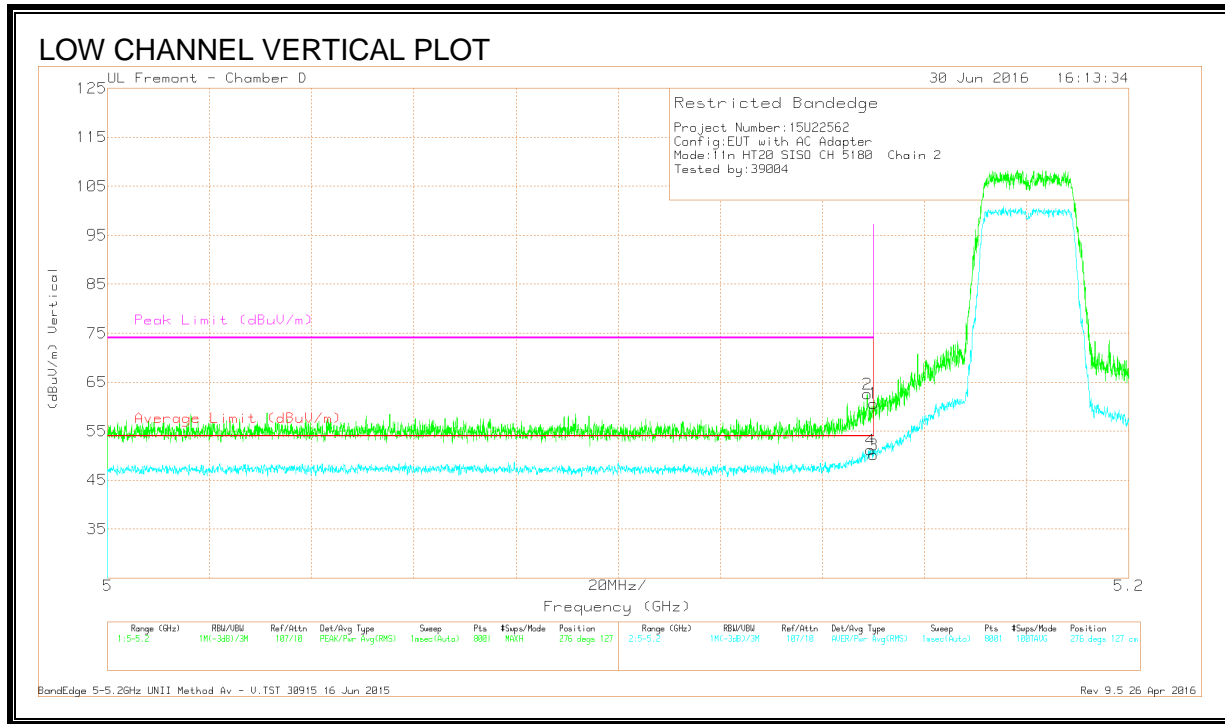
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/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	38.67	Pk	34.1	-18.2	54.57	-	-	74	-19.43	185	230	H
2	* 5.034	42.73	Pk	34	-17.9	58.83	-	-	74	-15.17	185	230	H
3	5.15	30.99	RMS	34.1	-18.2	46.89	54	-7.11	-	-	185	230	H
4	* 5.038	32.42	RMS	34	-18	48.42	54	-5.58	-	-	185	230	H

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

Pk - Peak detector

RMS - RMS detection

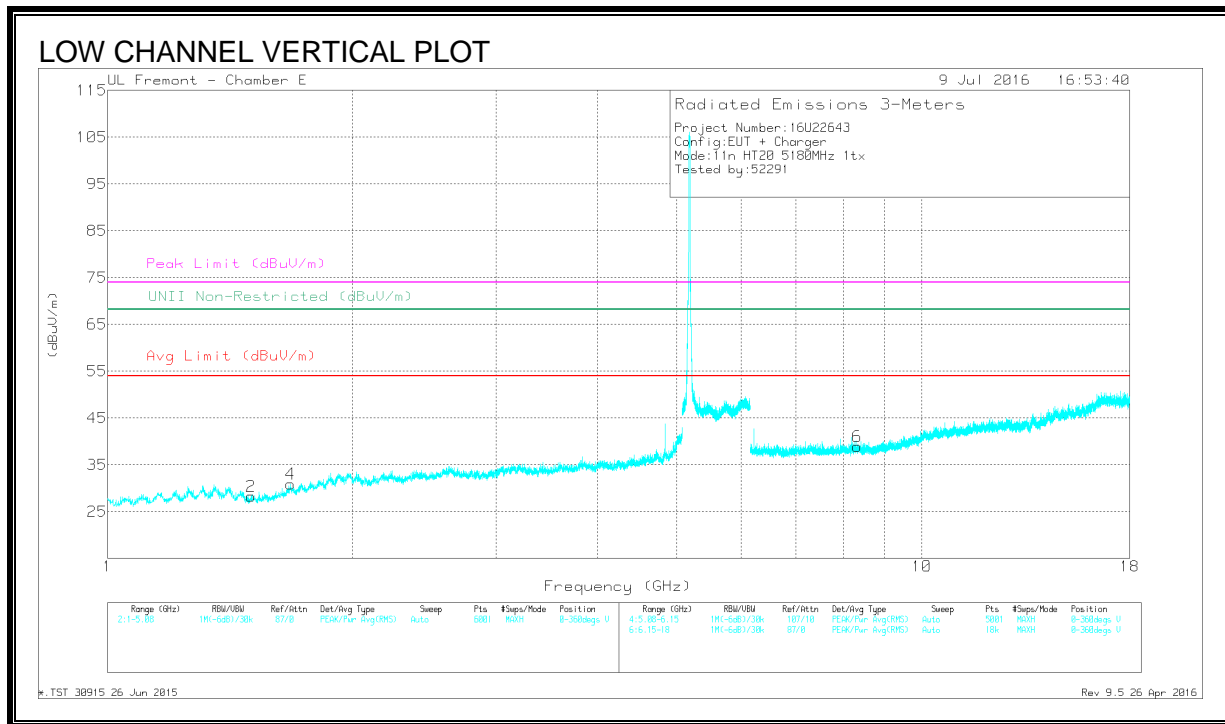
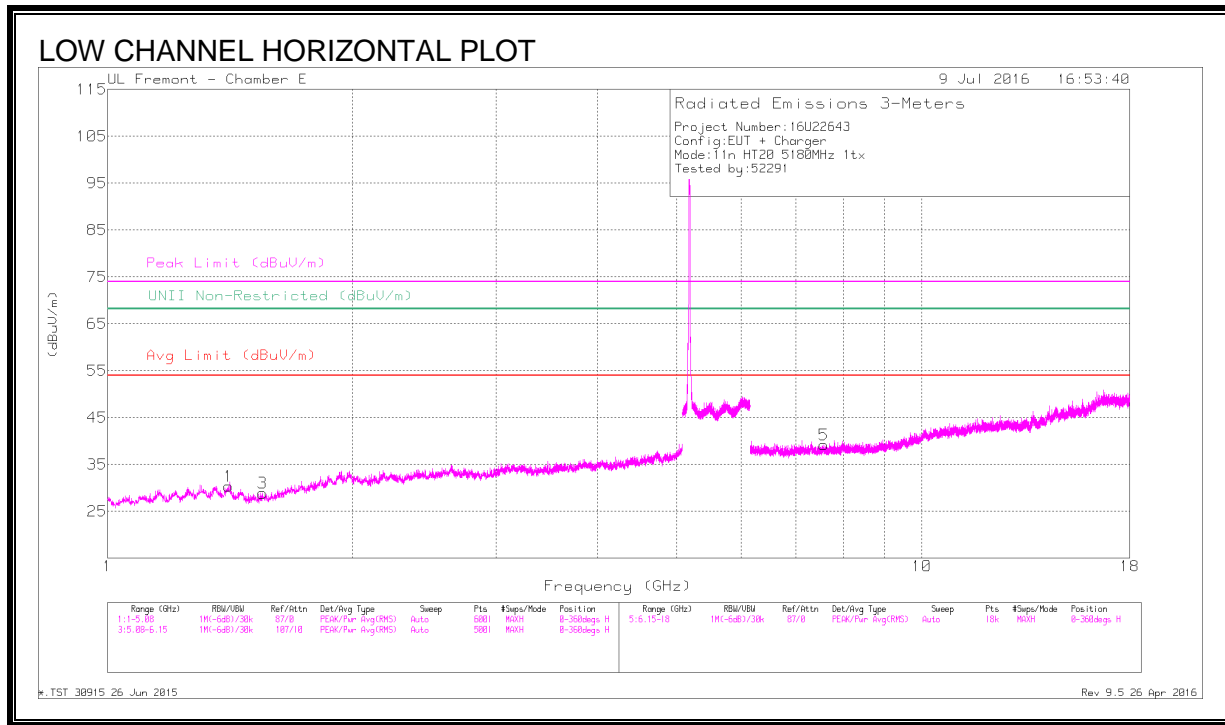


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/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	44.76	Pk	34.1	-18.2	60.66	-	-	74	-13.34	276	127	V
2	* 5.149	46.69	Pk	34.1	-18.2	62.59	-	-	74	-11.41	276	127	V
3	5.15	34.26	RMS	34.1	-18.2	50.16	54	-3.84	-	-	276	127	V
4	* 5.149	35.24	RMS	34.1	-18.2	51.14	54	-2.86	-	-	276	127	V

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

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

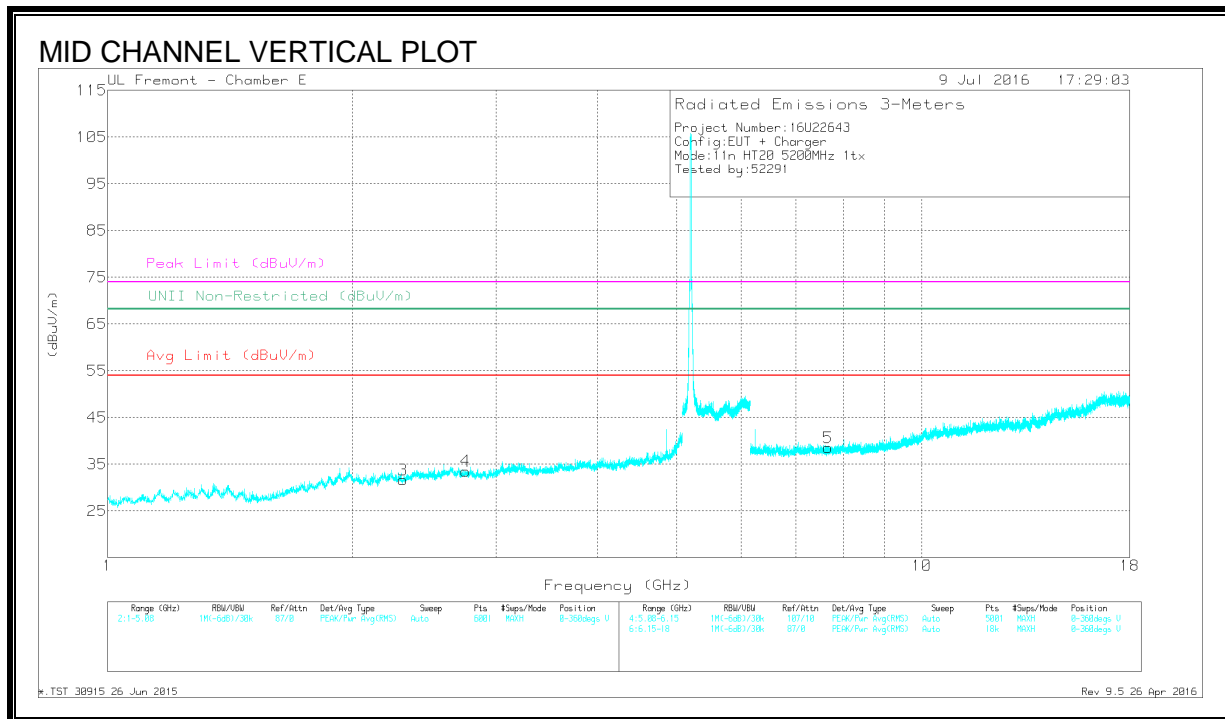
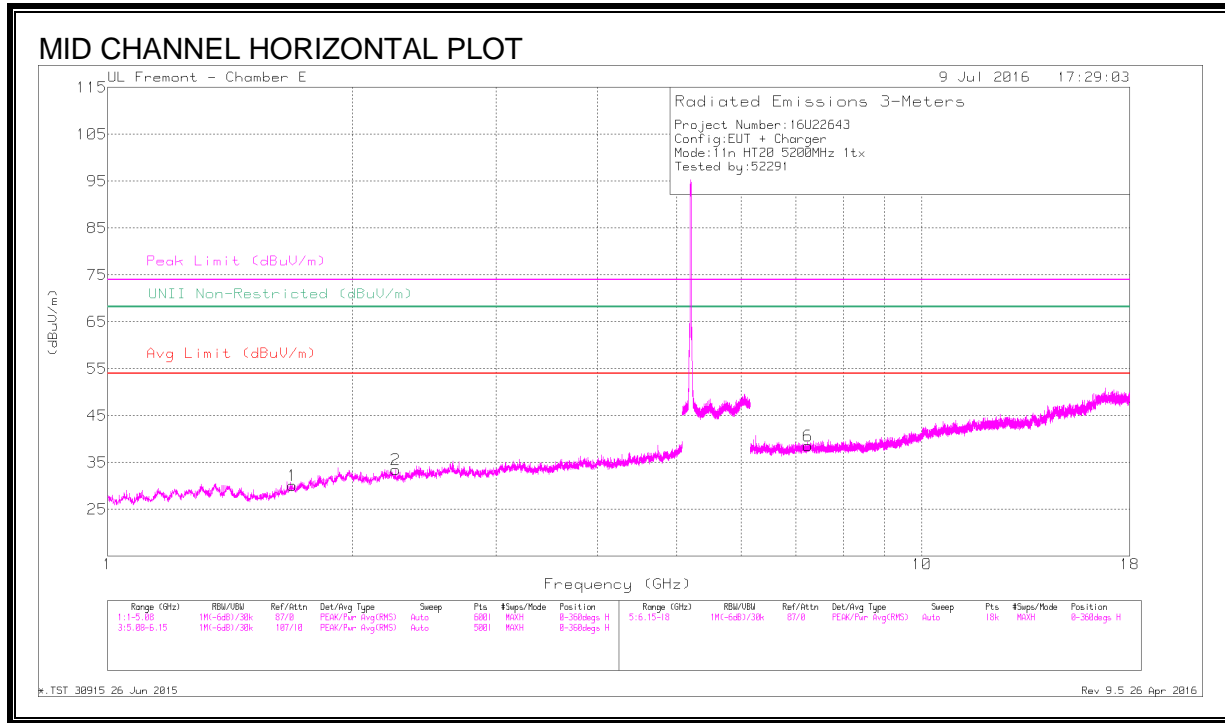
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 1.406	42.63	PK-U	29	-34.6	37.03	-	-	74	-36.97	-	-	134	185	H
	* 1.406	31.46	ADR	29	-34.6	25.86	54	-28.14	-	-	-	-	134	185	H
3	* 1.549	42.39	PK-U	27.8	-35	35.19	-	-	74	-38.81	-	-	83	168	H
	* 1.551	31.89	ADR	27.8	-35	24.69	54	-29.31	-	-	-	-	83	168	H
2	* 1.5	42.48	PK-U	27.7	-35.1	35.08	-	-	74	-38.92	-	-	95	177	V
	* 1.502	31.89	ADR	27.7	-35.1	24.49	54	-29.51	-	-	-	-	95	177	V
4	* 1.678	41.61	PK-U	28.9	-33.5	37.01	-	-	74	-36.99	-	-	56	143	V
	* 1.677	30.87	ADR	28.8	-33.4	26.27	54	-27.73	-	-	-	-	56	143	V
5	* 7.573	35.34	PK-U	35.6	-26.4	44.54	-	-	74	-29.46	-	-	131	204	H
	* 7.572	25.6	ADR	35.6	-26.3	34.9	54	-19.1	-	-	-	-	131	204	H
6	* 8.328	36.09	PK-U	35.7	-27.1	44.69	-	-	74	-29.31	-	-	149	186	V
	* 8.326	26.18	ADR	35.7	-27.1	34.78	54	-19.22	-	-	-	-	149	186	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

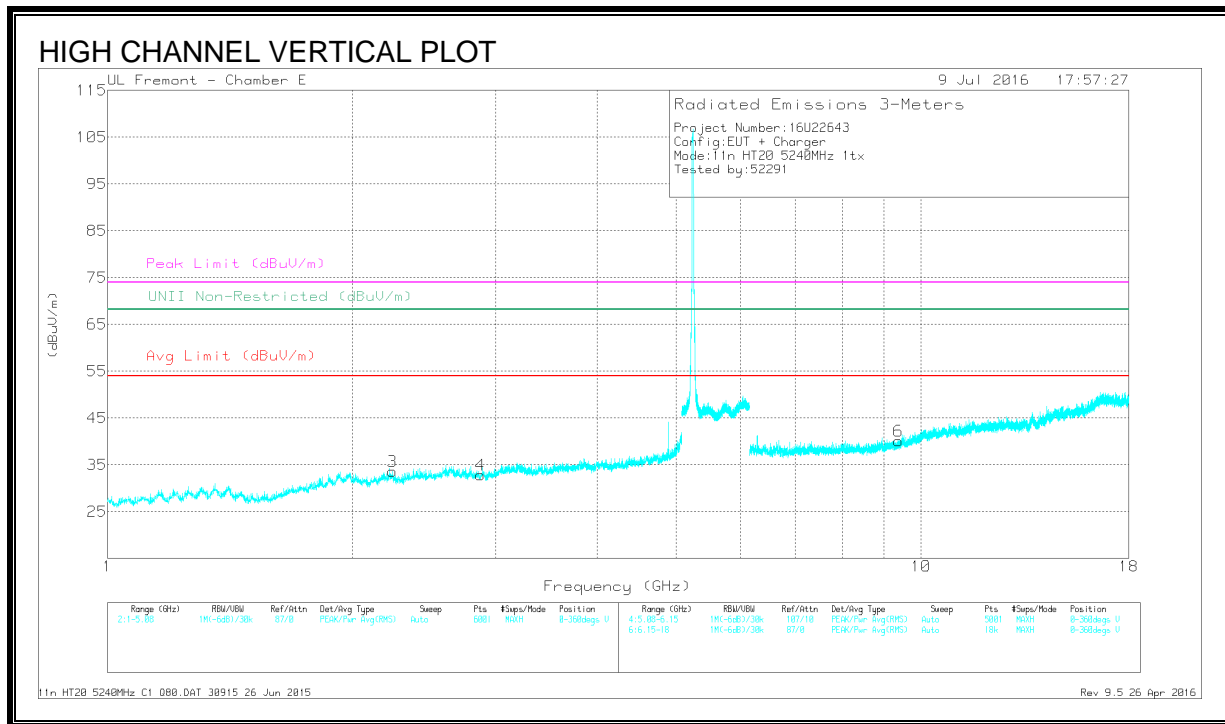
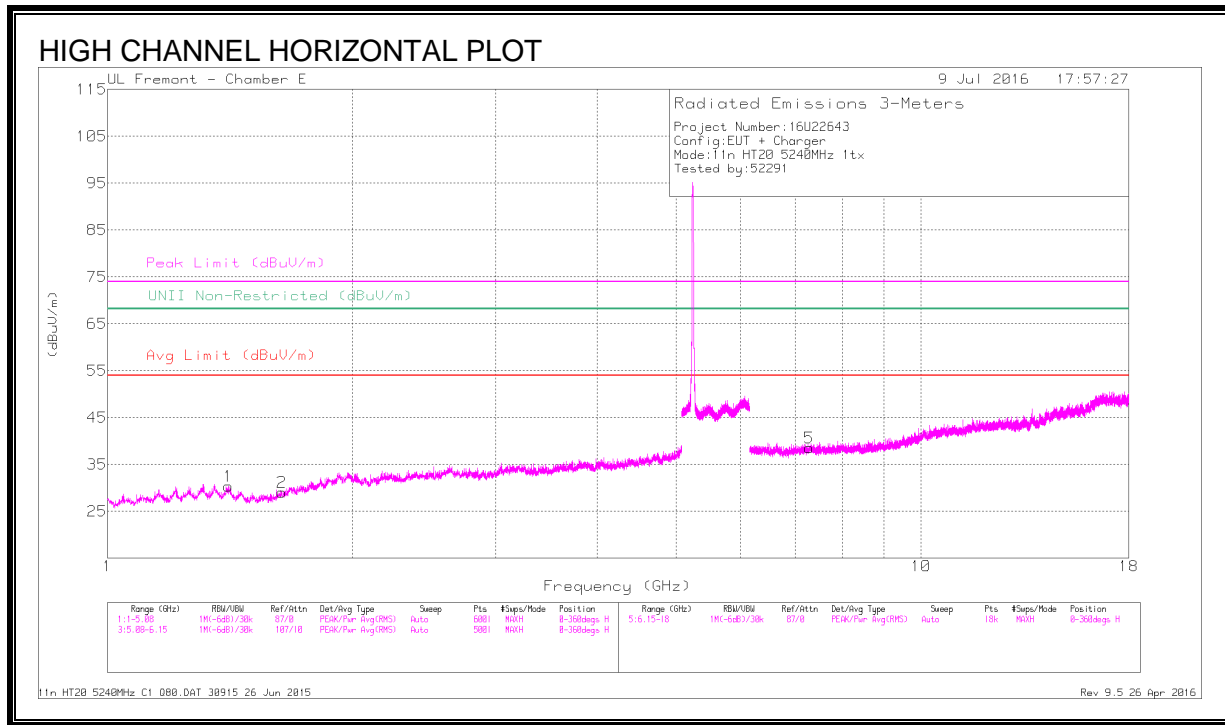
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 1.684	41.95	PK-U	28.9	-33.4	37.45	-	-	74	-36.55	-	-	331	190	H
	* 1.686	30.08	ADR	29	-33.4	25.68	54	-28.32	-	-	-	-	331	190	H
2	* 2.258	40.18	PK-U	31.6	-33	38.78	-	-	74	-35.22	-	-	147	276	H
	* 2.258	29.89	ADR	31.6	-33	28.49	54	-25.51	-	-	-	-	147	276	H
3	2.304	40.93	PK-U	31.5	-33.5	38.93	-	-	-	-	68.2	-29.27	303	165	V
	2.304	30.18	ADR	31.5	-33.5	28.18	-	-	-	-	-	-	303	165	V
4	* 2.753	40.35	PK-U	32.5	-32.3	40.55	-	-	74	-33.45	-	-	320	206	V
	* 2.752	29.27	ADR	32.5	-32.3	29.47	54	-24.53	-	-	-	-	320	206	V
5	* 7.668	35.95	PK-U	35.7	-27.3	44.35	-	-	74	-29.65	-	-	256	106	V
	* 7.668	26.23	ADR	35.7	-27.3	34.63	54	-19.37	-	-	-	-	256	106	V
6	7.244	35.92	PK-U	35.6	-27.4	44.12	-	-	-	-	68.2	-24.08	339	122	H
	7.246	26.46	ADR	35.6	-27.3	34.76	-	-	-	-	-	-	339	122	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

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	* 1.408	42.18	PK-U	28.9	-34.6	36.48	-	-	74	-37.52	-	-	122	267	H
	* 1.407	31.32	ADR	29	-34.6	25.72	54	-28.28	-	-	-	-	122	267	H
2	1.636	30.85	ADR	28.3	-34.1	25.05	-	-	-	-	-	-	311	175	H
	1.638	41.52	PK-U	28.3	-34	35.82	-	-	-	-	68.2	-32.38	311	175	H
3	* 2.236	40.51	PK-U	31.7	-32.7	39.51	-	-	74	-34.49	-	-	346	251	V
	* 2.239	29.9	ADR	31.7	-32.7	28.9	54	-25.1	-	-	-	-	346	251	V
4	* 2.874	45.51	PK-U	32	-31.4	46.11	-	-	74	-27.89	-	-	103	348	V
	* 2.876	28.8	ADR	32	-31.4	29.4	54	-24.6	-	-	-	-	103	348	V
5	* 7.283	35.73	PK-U	35.6	-26.5	44.83	-	-	74	-29.17	-	-	40	101	H
	* 7.285	25.57	ADR	35.6	-26.5	34.67	54	-19.33	-	-	-	-	40	101	H
6	* 9.378	36.39	PK-U	36.3	-26.2	46.49	-	-	74	-27.51	-	-	231	221	V
	* 9.379	25.81	ADR	36.3	-26.2	35.91	54	-18.09	-	-	-	-	231	221	V

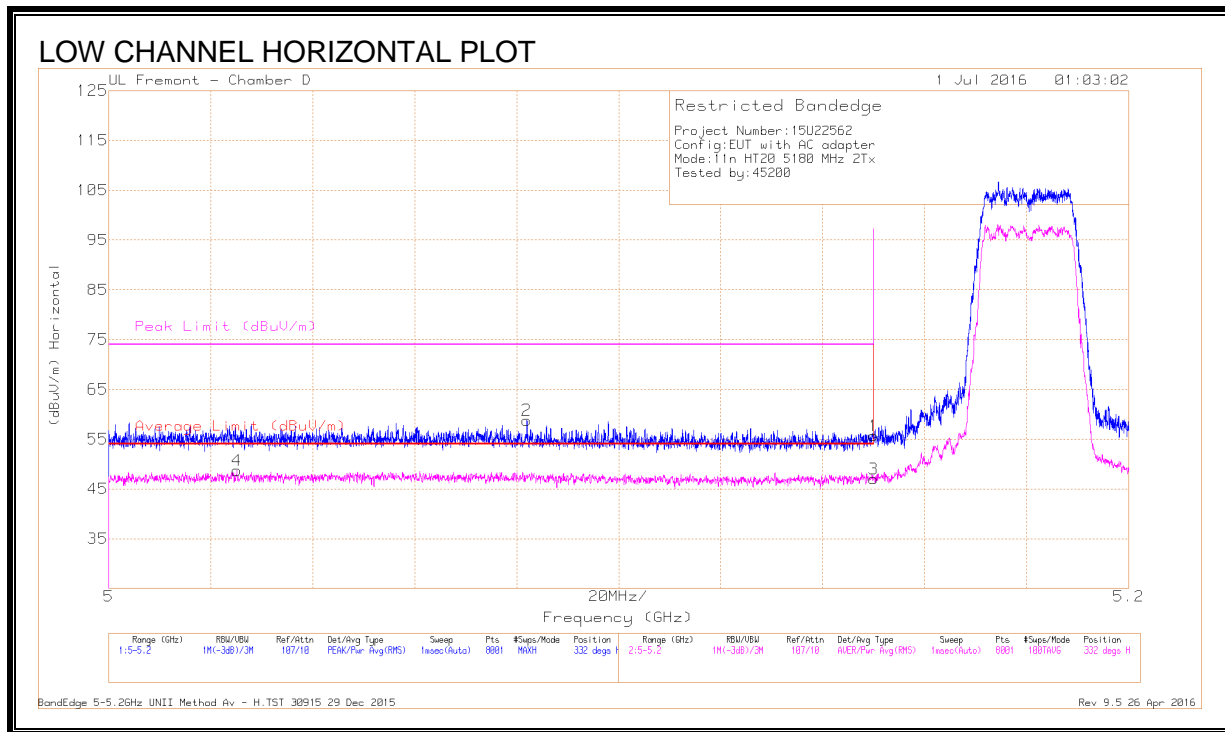
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.3. 802.11n HT20 2Tx CDD MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



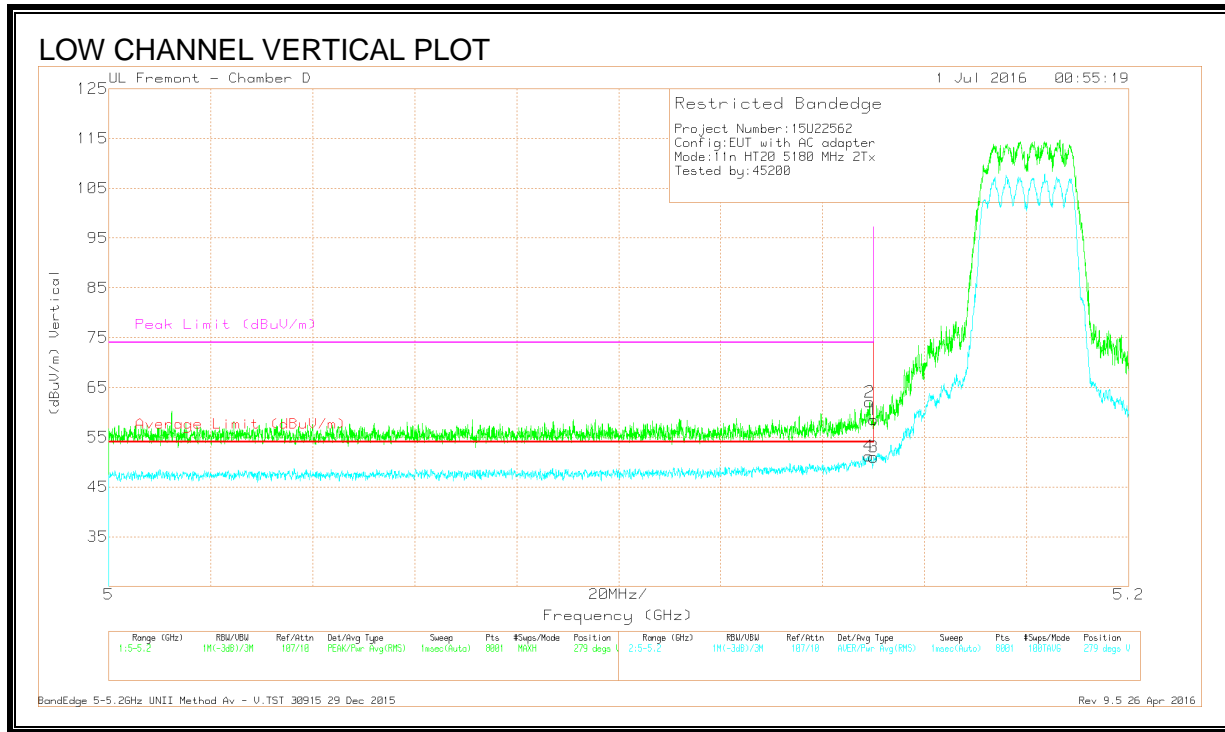
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/C b/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	39.78	Pk	34.1	-18.2	55.68	-	-	74	-18.32	332	380	H
2	* 5.082	42.78	Pk	34	-18	58.78	-	-	74	-15.22	332	380	H
3	5.15	31.11	RMS	34.1	-18.2	47.01	54	-6.99	-	-	332	380	H
4	* 5.025	32.6	RMS	34	-17.9	48.7	54	-5.3	-	-	332	380	H

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

Pk - Peak detector

RMS - RMS detection

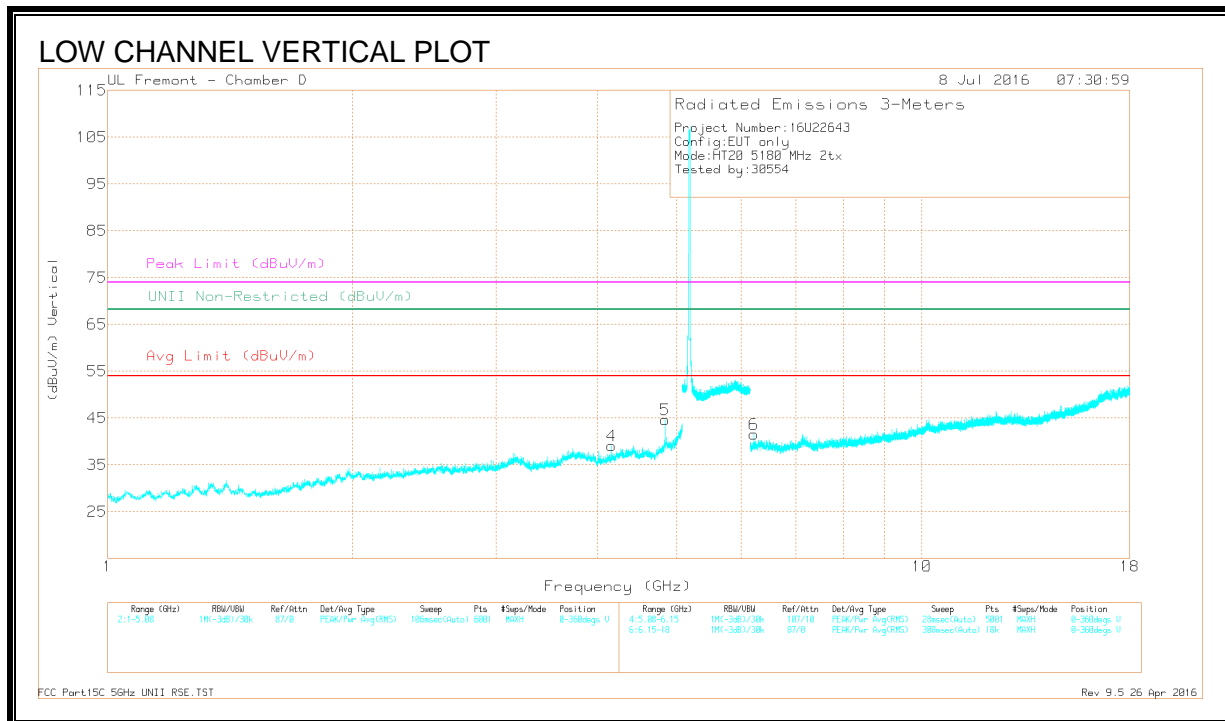
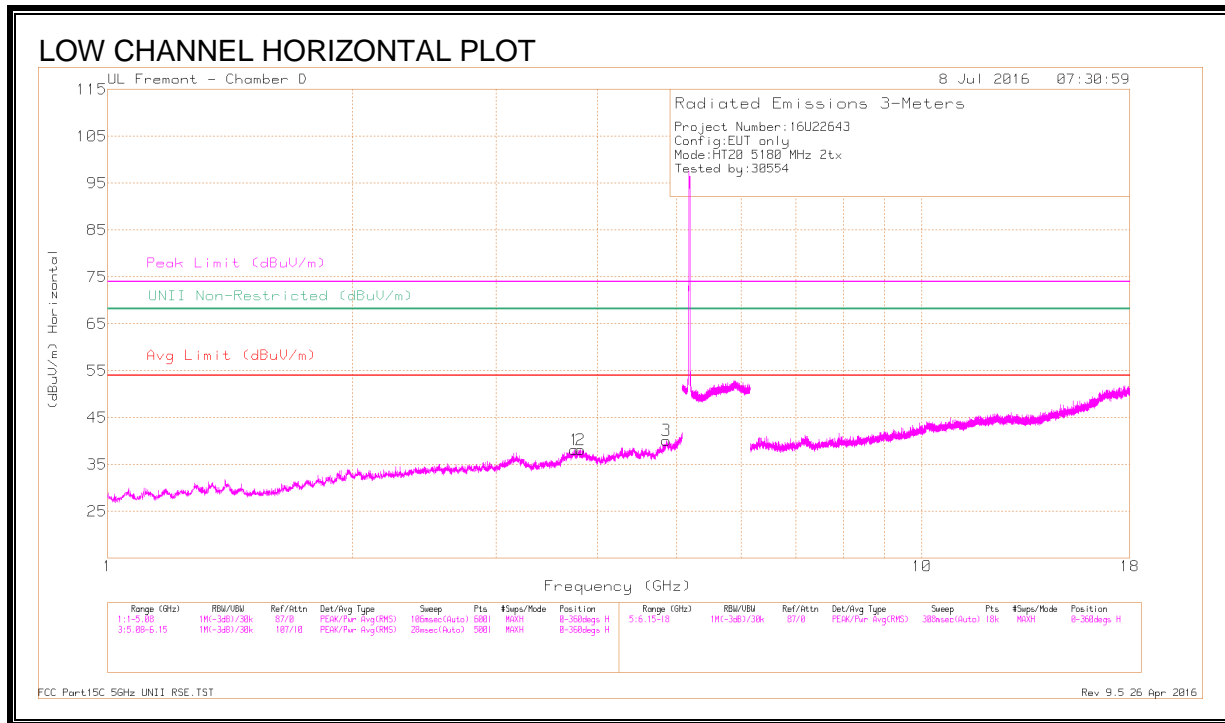


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fit r/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	42.65	Pk	34.1	-18.2	58.55	-	-	74	-15.45	279	233	V
2	* 5.149	46.17	PK	34.1	-18.2	62.07	-	-	74	-11.93	279	233	V
4	* 5.149	35.34	RMS	34.1	-18.2	51.24	54	-2.76	-	-	279	233	V
3	5.15	35.11	RMS	34.1	-18.2	51.01	54	-2.99	-	-	279	233	V

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

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

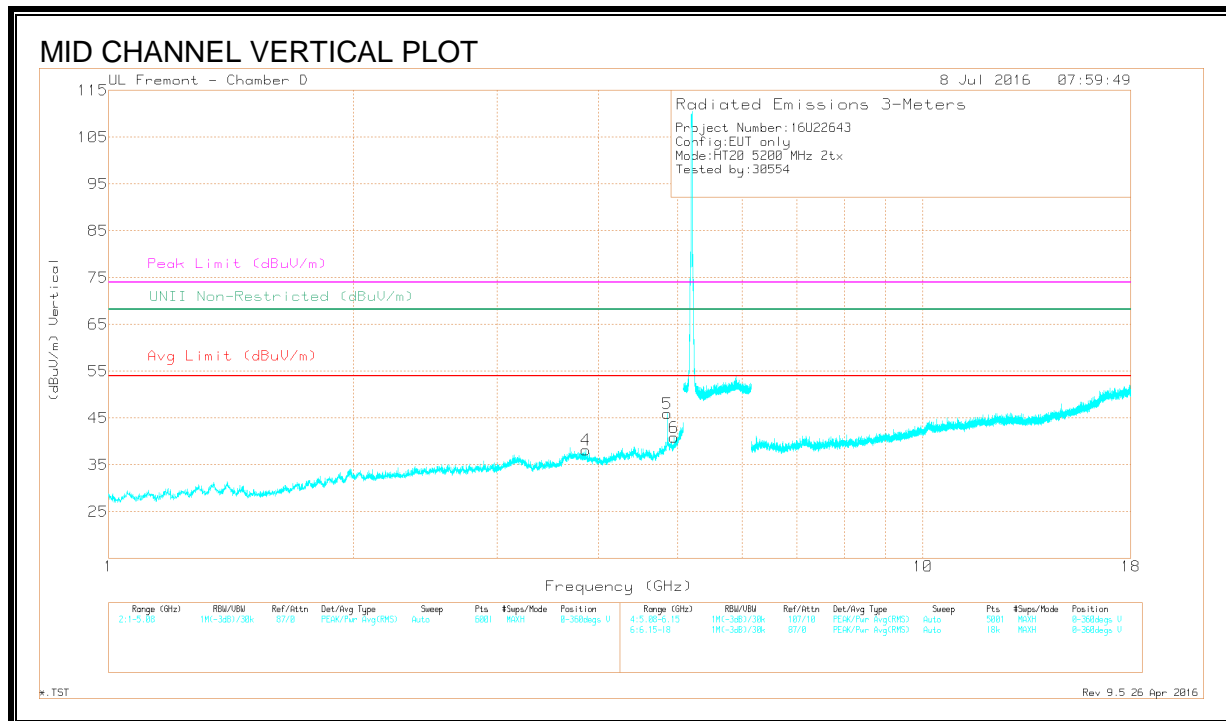
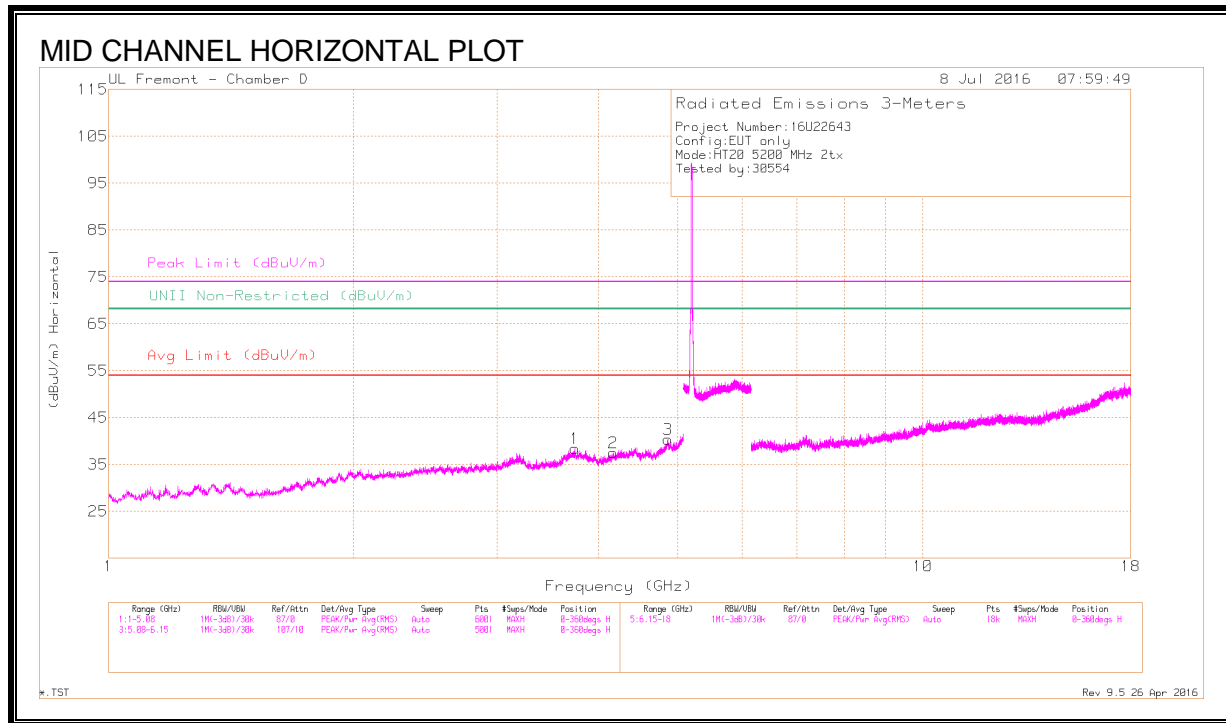
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp /Cbl/ Fltr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 3.744	38.4	PK-U	33.5	-28.8	43.1	-	-	74	-30.9	-	-	132	268	H
	* 3.743	27.96	ADR	33.5	-28.8	32.66	54	-21.34	-	-	-	-	132	268	H
2	* 3.809	39.03	PK-U	33.6	-28.5	44.13	-	-	74	-29.87	-	-	215	157	H
	* 3.811	27.96	ADR	33.6	-28.5	33.06	54	-20.94	-	-	-	-	215	157	H
3	* 4.857	36.91	PK-U	34.1	-25.3	45.71	-	-	74	-28.29	-	-	168	114	H
	* 4.857	26.78	ADR	34.1	-25.3	35.58	54	-18.42	-	-	-	-	168	114	H
4	* 4.16	37.3	PK-U	33.5	-28.1	42.7	-	-	74	-31.3	-	-	136	169	V
	* 4.162	27.77	ADR	33.5	-28.1	33.17	54	-20.83	-	-	-	-	136	169	V
5	* 4.835	42.16	PK-U	34.1	-26.3	49.96	-	-	74	-24.04	-	-	107	245	V
	* 4.835	35.93	ADR	34.1	-26.3	43.73	54	-10.27	-	-	-	-	107	245	V
6	6.216	37.36	PK-U	35.6	-26.3	46.66	-	-	-	-	68.2	-21.54	145	268	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

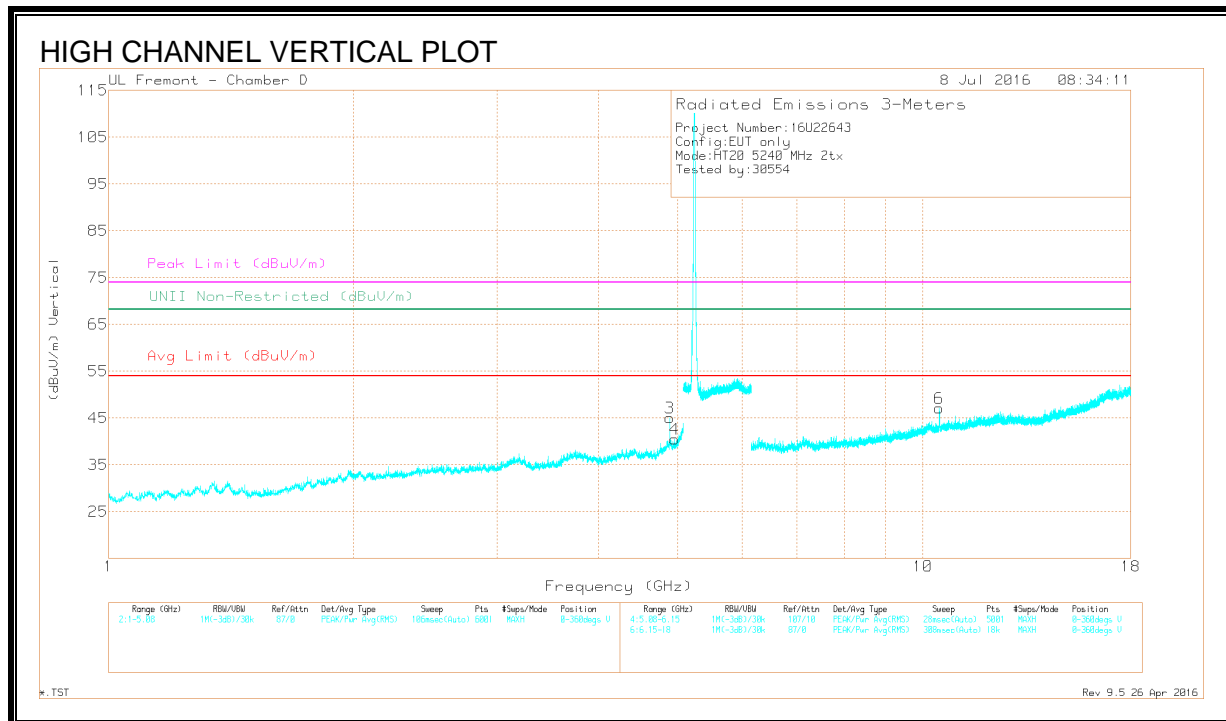
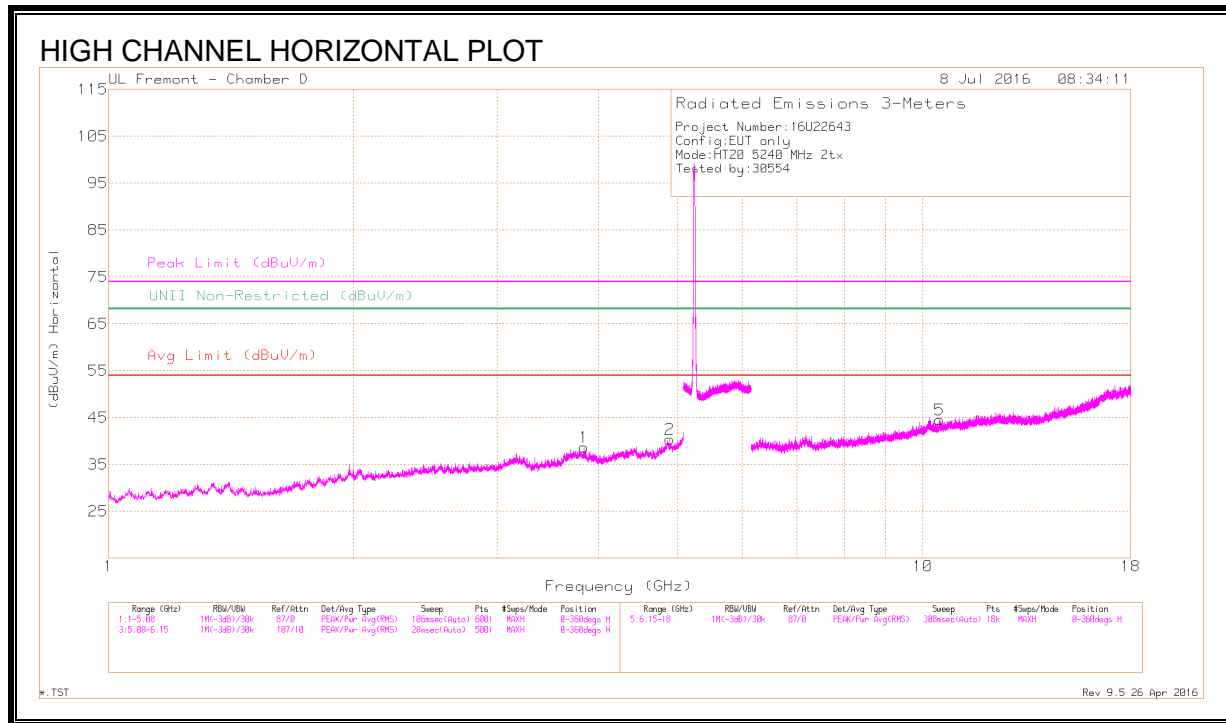
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.741	38.26	PK-U	33.5	-28.9	42.86	-	-	74	-31.14	-	-	165	127	H
	* 3.74	28.17	ADR	33.5	-28.9	32.77	54	-21.23	-	-	-	-	165	127	H
2	* 4.167	37.68	PK-U	33.5	-28.2	42.98	-	-	74	-31.02	-	-	118	135	H
	* 4.167	28.09	ADR	33.5	-28.2	33.39	54	-20.61	-	-	-	-	118	135	H
3	* 4.863	36.75	PK-U	34.1	-25.2	45.65	-	-	74	-28.35	-	-	298	198	H
	* 4.862	26.85	ADR	34.1	-25.2	35.75	54	-18.25	-	-	-	-	298	198	H
4	* 3.853	38.57	PK-U	33.5	-28.7	43.37	-	-	74	-30.63	-	-	135	156	V
	* 3.855	28.42	ADR	33.5	-28.7	33.22	54	-20.78	-	-	-	-	135	156	V
5	* 4.853	42.35	PK-U	34.1	-25.4	51.05	-	-	74	-22.95	-	-	106	230	V
	* 4.853	35.98	ADR	34.1	-25.4	44.68	54	-9.32	-	-	-	-	106	230	V
6	* 4.947	39.62	PK-U	34.1	-26.5	47.22	-	-	74	-26.78	-	-	145	238	V
	* 4.947	29.53	ADR	34.1	-26.5	37.13	54	-16.87	-	-	-	-	145	238	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

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)	Polarization
1	* 3.839	38.41	PK-U	33.5	-28.5	43.41	-	-	74	-30.59	-	-	135	181	H
	* 3.839	28.17	ADR	33.5	-28.5	33.17	54	-20.83	-	-	-	-	135	181	H
2	* 4.892	37.12	PK-U	34.1	-25.4	45.82	-	-	74	-28.18	-	-	198	168	H
	* 4.891	26.87	ADR	34.1	-25.3	35.67	54	-18.33	-	-	-	-	198	168	H
3	* 4.891	42.2	PK-U	34.1	-25.3	51	-	-	74	-23	-	-	118	235	V
	* 4.891	35.16	ADR	34.1	-25.3	43.96	54	-10.04	-	-	-	-	118	235	V
4	* 4.954	38.95	PK-U	34.1	-26.6	46.45	-	-	74	-27.55	-	-	187	398	V
	* 4.956	28.62	ADR	34.1	-26.6	36.12	54	-17.88	-	-	-	-	187	398	V
5	10.479	33.79	PK-U	37.6	-21.2	50.19	-	-	-	-	68.2	-18.01	108	322	H
6	10.479	38.07	PK-U	37.6	-21.2	54.47	-	-	-	-	68.2	-13.73	218	102	V

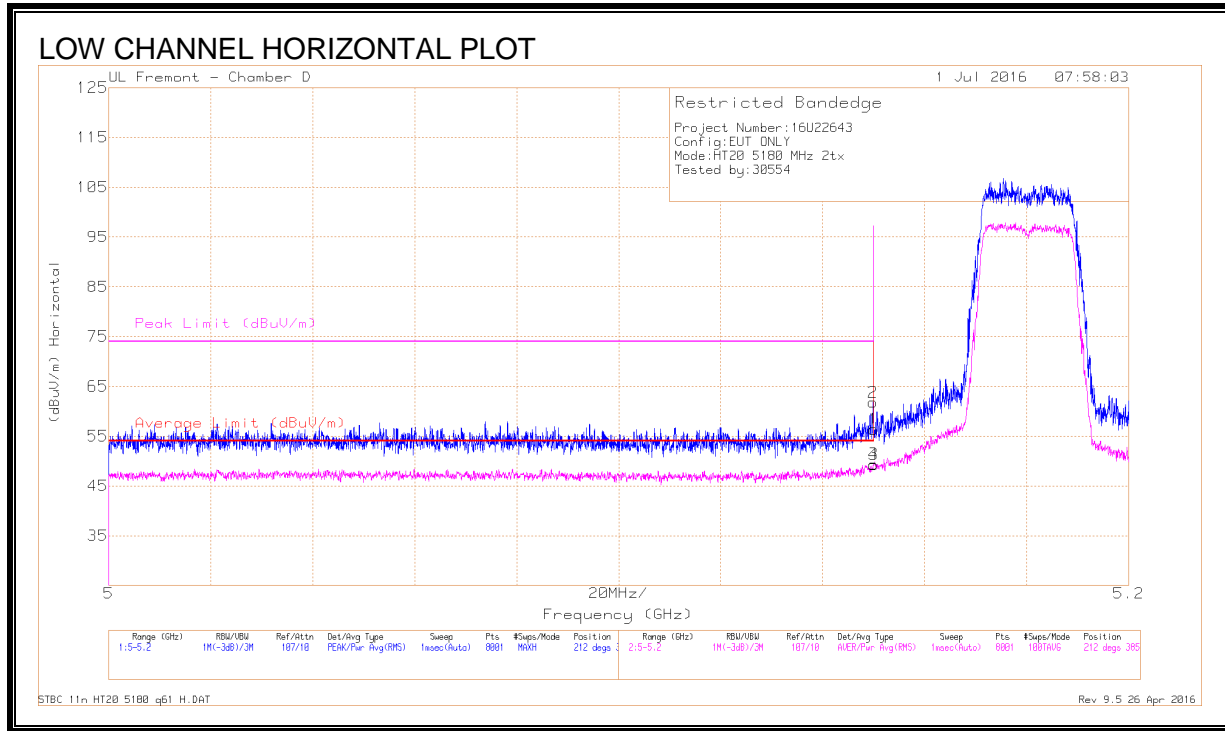
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.4. 802.11n HT20 2Tx STBC MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



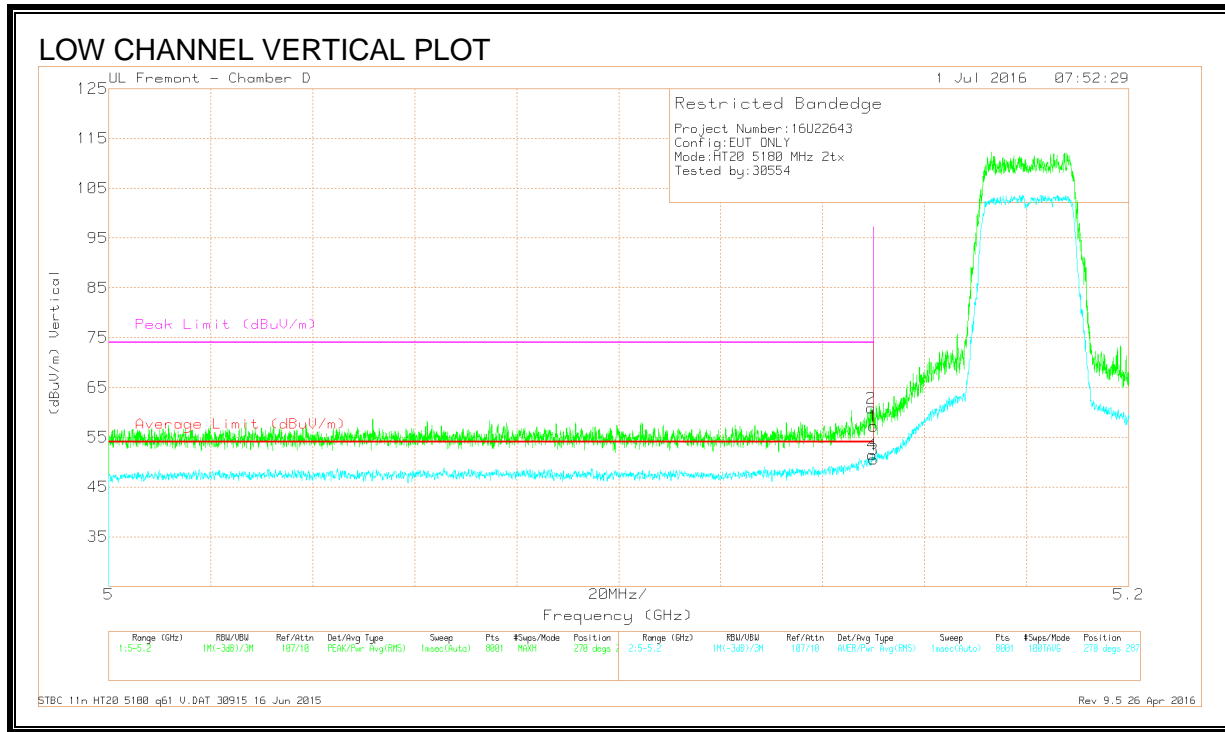
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitter/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	40.48	Pk	34.1	-18.2	56.38	-	-	74	-17.62	212	385	H
2	* 5.15	45.88	Pk	34.1	-18.2	61.78	-	-	74	-12.22	212	385	H
3	5.15	33.48	RMS	34.1	-18.2	49.38	54	-4.62	-	-	212	385	H
4	* 5.15	33.39	RMS	34.1	-18.2	49.29	54	-4.71	-	-	212	385	H

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

Pk - Peak detector

RMS - RMS detection



DATA

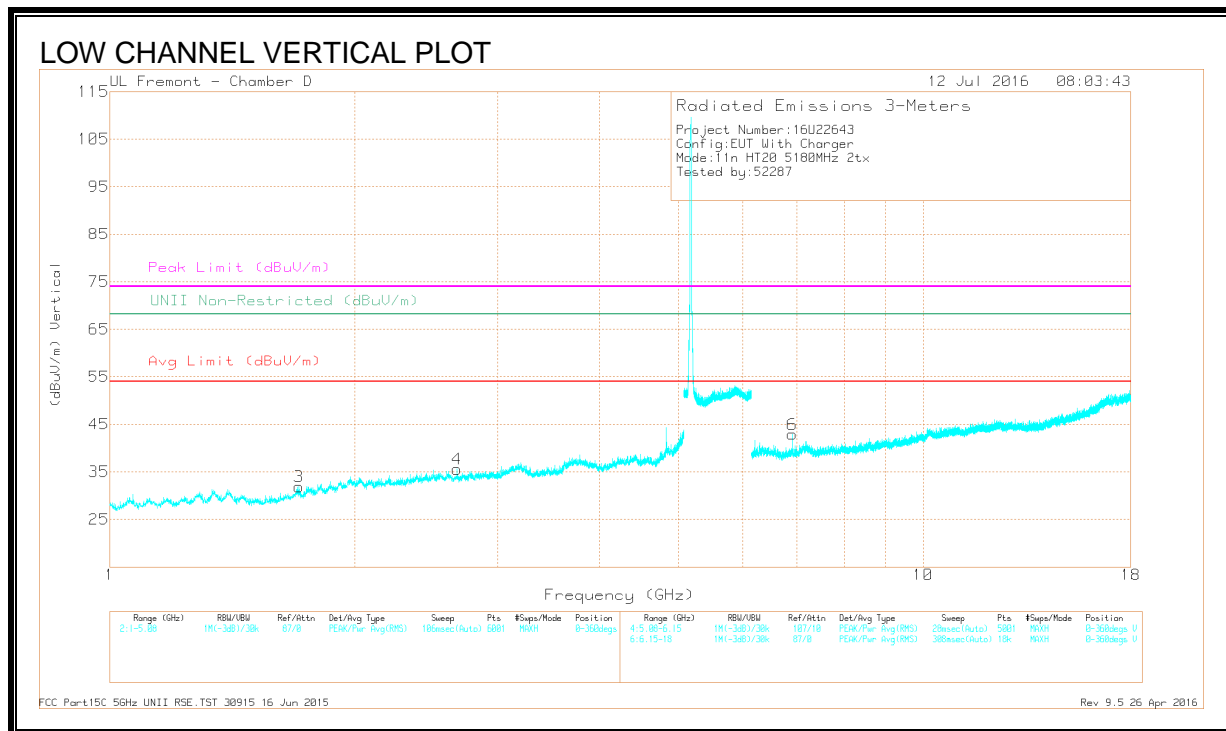
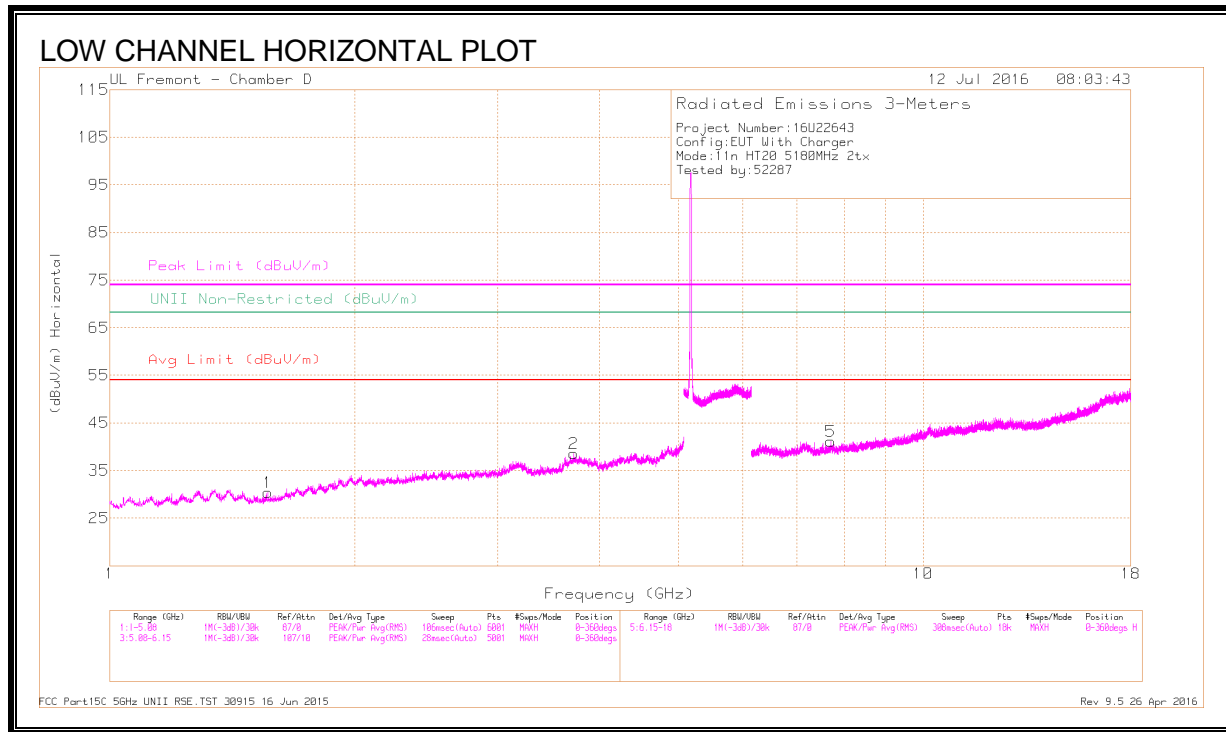
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Flt r/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	41.35	Pk	34.1	-18.2	57.25	-	-	74	-16.75	270	287	V
2	* 5.15	44.9	Pk	34.1	-18.2	60.8	-	-	74	-13.2	270	287	V
3	5.15	34.65	RMS	34.1	-18.2	50.55	54	-3.45	-	-	270	287	V
4	* 5.15	35.57	RMS	34.1	-18.2	51.47	54	-2.53	-	-	270	287	V

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

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

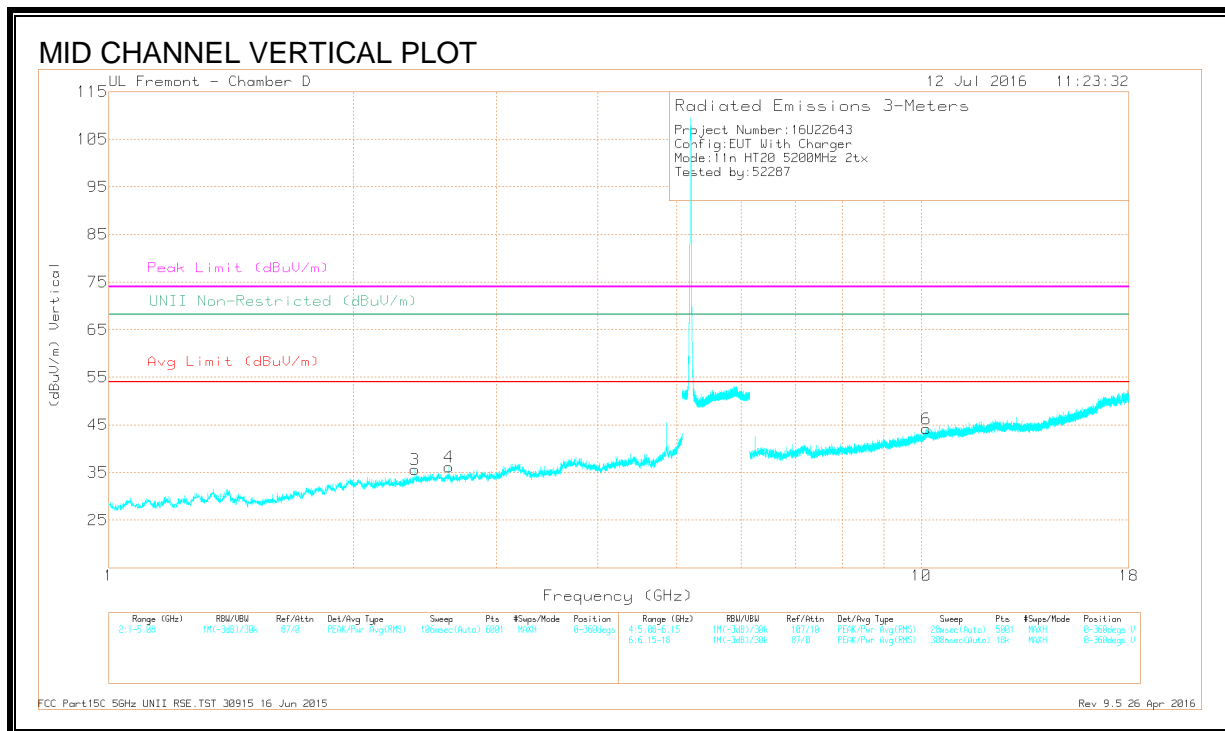
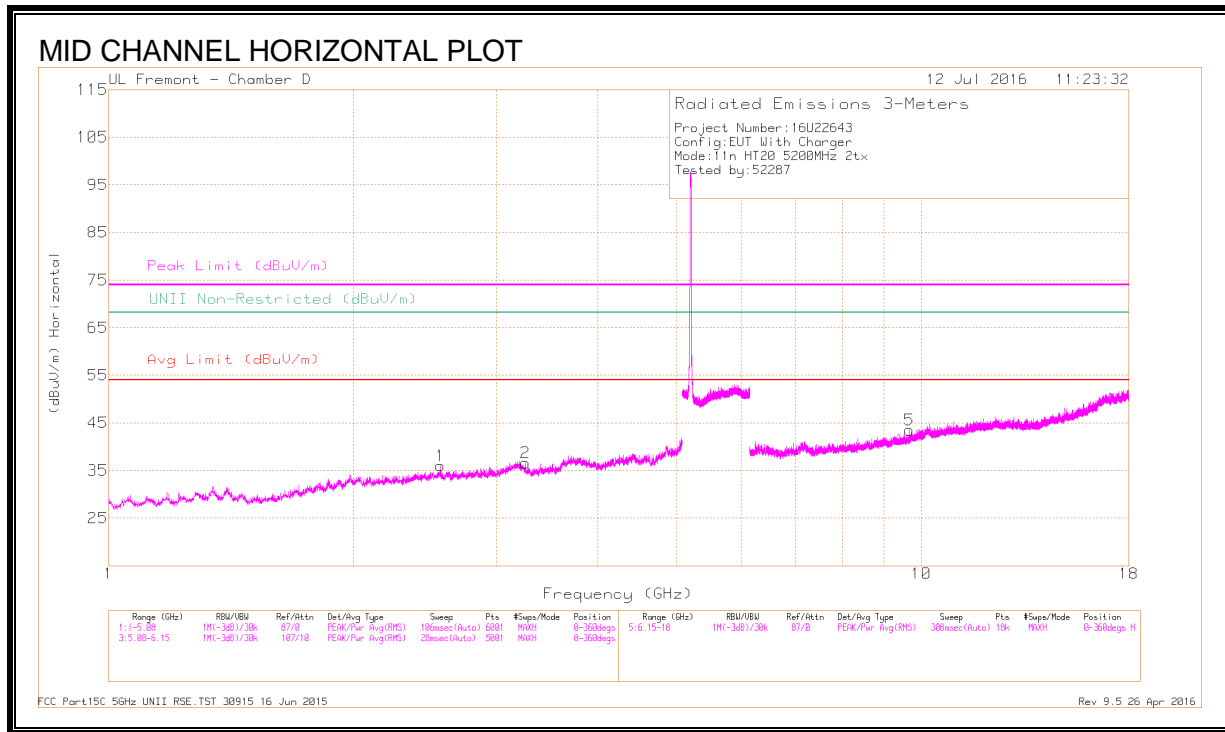
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 1.566	40.66	PK-U	28	-31.7	36.96	-	-	74	-37.04	-	-	48	282	H
	* 1.566	29.25	ADR	28	-31.7	25.55	54	-28.45	-	-	-	-	48	282	H
2	* 3.721	37.63	PK-U	33.5	-28.9	42.23	-	-	74	-31.77	-	-	148	383	H
	* 3.719	27.23	ADR	33.5	-28.9	31.83	54	-22.17	-	-	-	-	148	383	H
3	* 1.706	40.46	PK-U	29.1	-30.9	38.66	-	-	74	-35.34	-	-	253	311	V
	* 1.706	28.97	ADR	29.1	-30.9	27.17	54	-26.83	-	-	-	-	253	311	V
4	* 2.673	40.15	PK-U	32.3	-30.3	42.15	-	-	74	-31.85	-	-	287	358	V
	* 2.673	28.47	ADR	32.3	-30.3	30.47	54	-23.53	-	-	-	-	287	358	V
5	* 7.696	35.91	PK-U	35.8	-24.3	47.41	-	-	74	-26.59	-	-	178	155	H
	* 7.698	24.61	ADR	35.8	-24.3	36.11	54	-17.89	-	-	-	-	178	155	H
6	6.907	37.93	PK-U	35.7	-25	48.63	-	-	-	-	68.2	-19.57	226	205	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

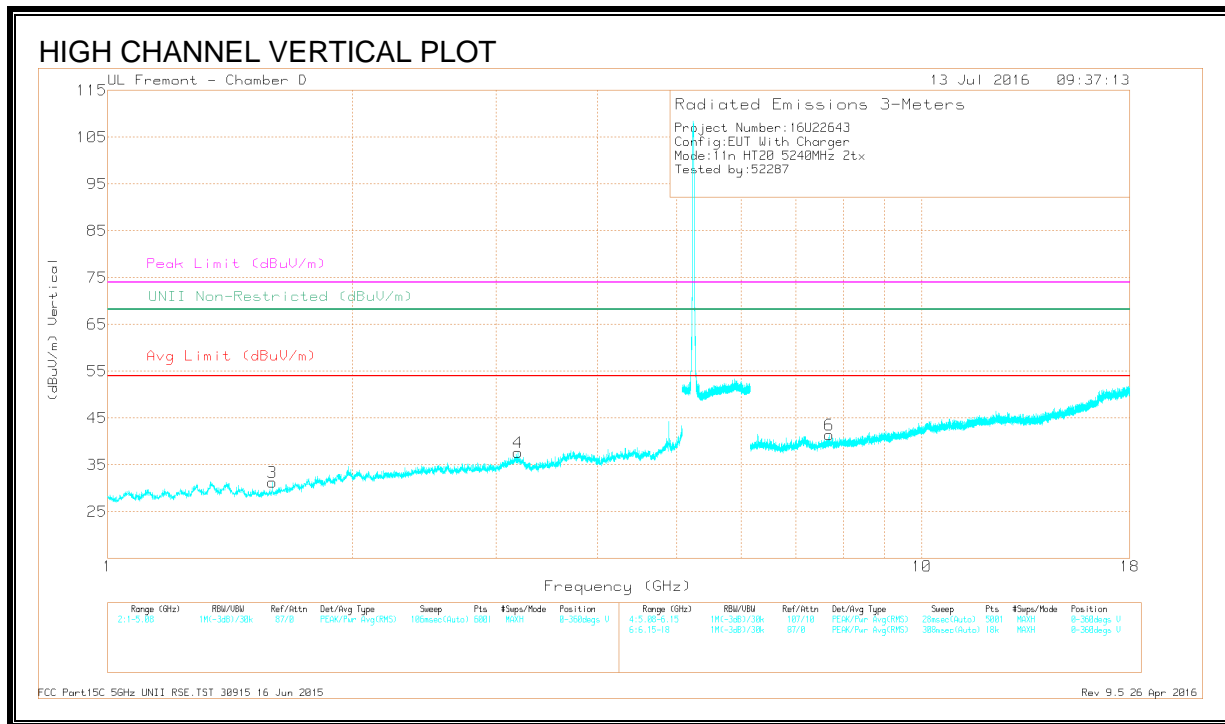
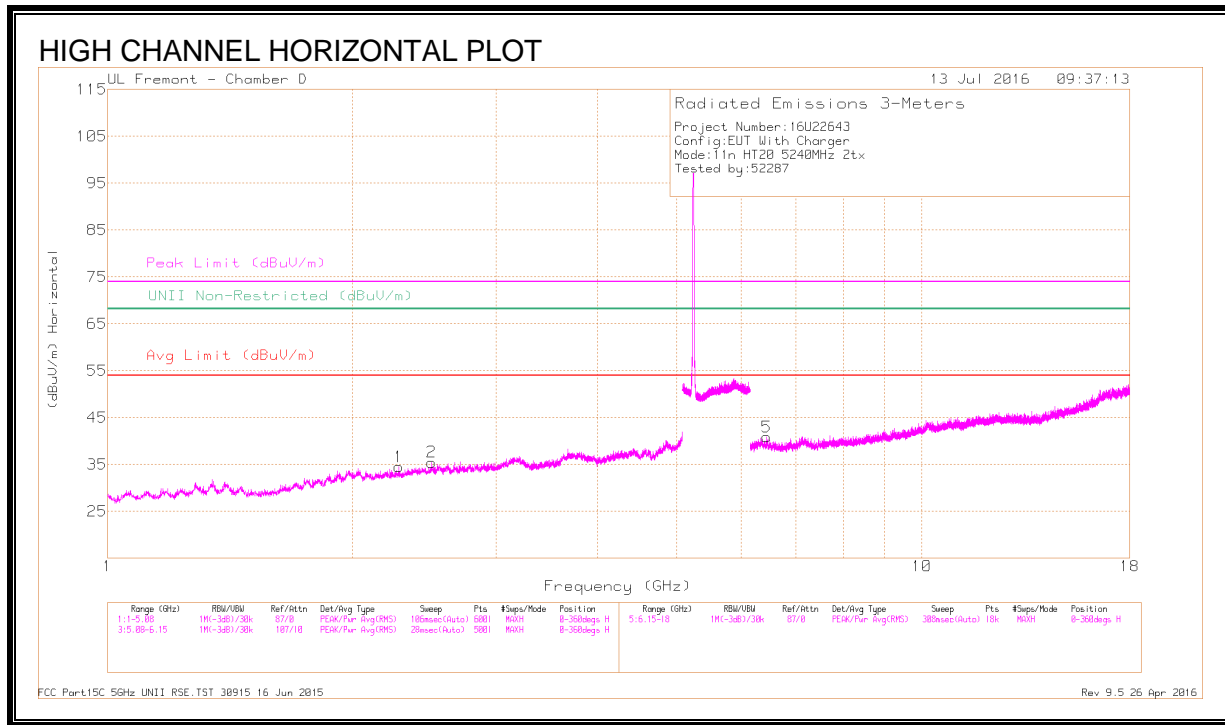
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
	* 2.384	39.28	PK-U	32.1	-30.3	41.08	-	-	74	-32.92	-	-	352	329	V
3	* 2.383	28.32	ADR	32.1	-30.3	30.12	54	-23.88	-	-	-	-	352	329	V
1	2.558	39.29	PK-U	32.2	-29.6	41.89	-	-	-	-	68.2	-26.31	138	265	H
4	2.624	38.89	PK-U	32.2	-29.8	41.29	-	-	-	-	68.2	-26.91	326	136	V
2	3.256	38.69	PK-U	33.2	-29.3	42.59	-	-	-	-	68.2	-25.61	223	125	H
5	9.665	33.49	PK-U	36.8	-21.8	48.49	-	-	-	-	68.2	-19.71	37	289	H
6	10.142	33.22	PK-U	37.4	-20.4	50.22	-	-	-	-	68.2	-17.98	201	331	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

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)	Polarization
1	* 2.28	39.33	PK-U	31.4	-30.5	40.23	-	-	74	-33.77	-	-	142	393	H
	* 2.279	28.5	ADR	31.4	-30.5	29.4	54	-24.6	-	-	-	-	142	393	H
	* 2.484	39.93	PK-U	32.3	-30.3	41.93	-	-	74	-32.07	-	-	285	363	H
2	* 2.489	28.5	ADR	32.3	-30.3	30.5	54	-23.5	-	-	-	-	285	363	H
3	* 1.593	43.95	PK-U	28	-31.6	40.35	-	-	74	-33.65	-	-	247	365	V
	* 1.593	31.4	ADR	28	-31.6	27.8	54	-26.2	-	-	-	-	247	365	V
6	* 7.696	35.71	PK-U	35.8	-24.3	47.21	-	-	74	-26.79	-	-	19	319	V
	* 7.693	24.69	ADR	35.8	-24.4	36.09	54	-17.91	-	-	-	-	19	319	V
4	3.192	39.27	PK-U	34	-29	44.27	-	-	-	-	68.2	-23.93	160	259	V
5	6.45	36.18	PK-U	35.7	-25.7	46.18	-	-	-	-	68.2	-22.02	208	216	H

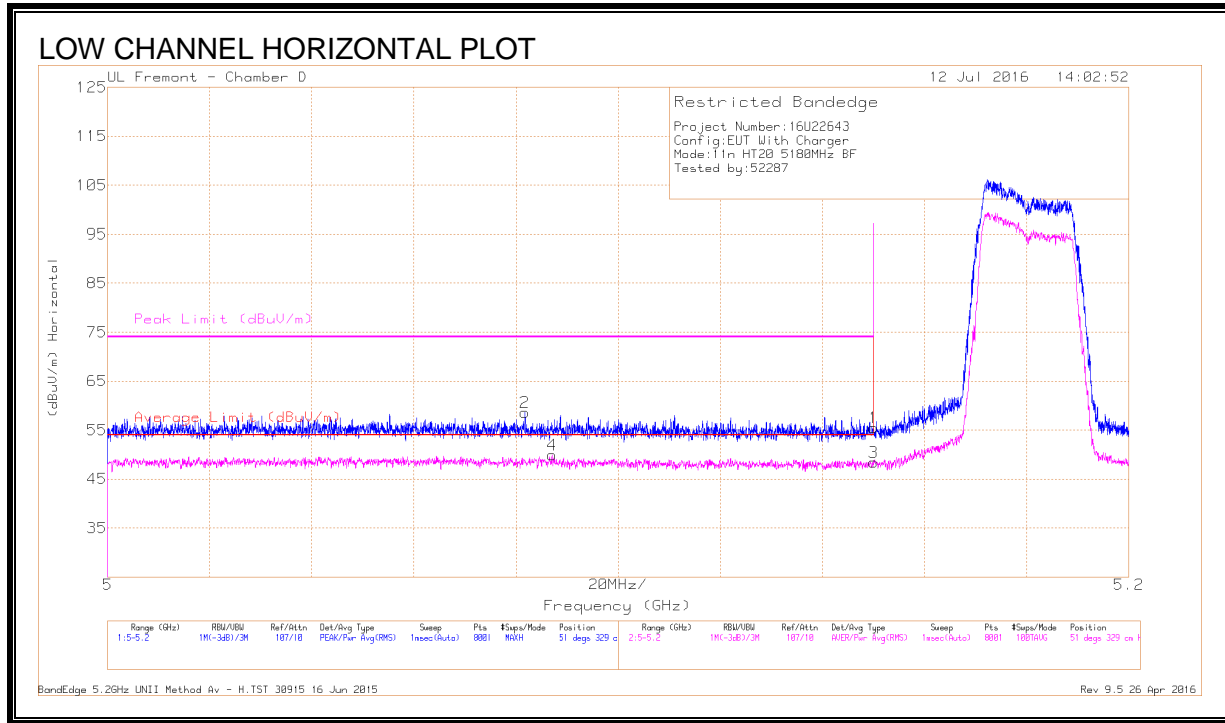
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.5. 802.11ac VHT20 2Tx BEAM FORMING MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



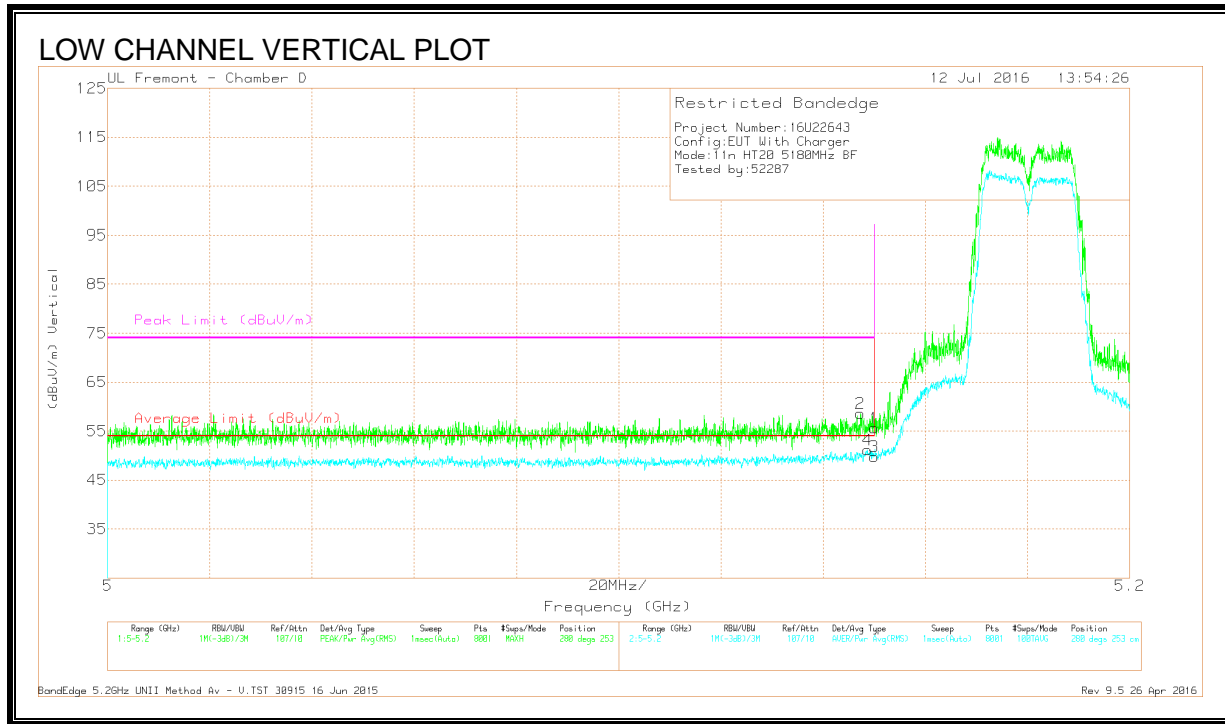
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb I/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)	Polariz
2	* 5.082	42.62	Pk	34	-18	0	58.62	-	-	74	-15.38	51	329	H
4	* 5.087	32.56	RMS	34	-18	.10	48.69	54	-5.31	-	-	51	329	H
1	5.15	39.61	Pk	34.1	-18.2	0	55.51	-	-	74	-18.49	51	329	H
3	5.15	31.25	RMS	34.1	-18.2	.10	47.28	54	-6.72	-	-	51	329	H

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

Pk - Peak detector

RMS - RMS detection

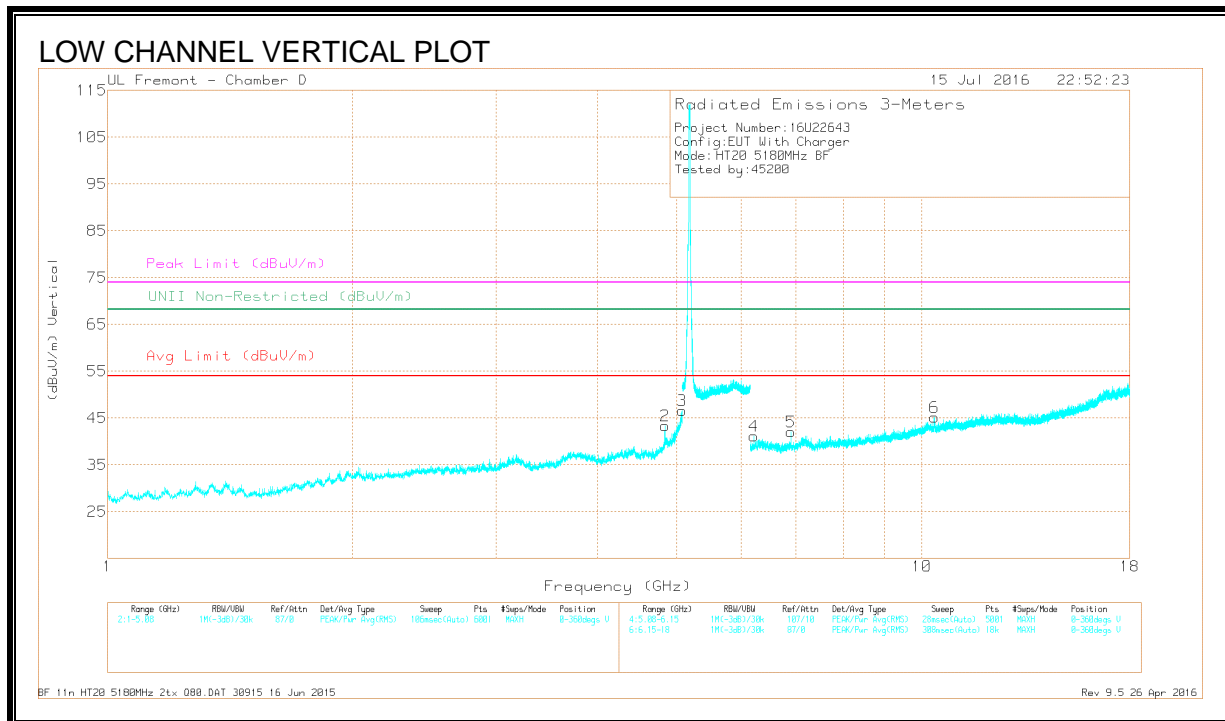
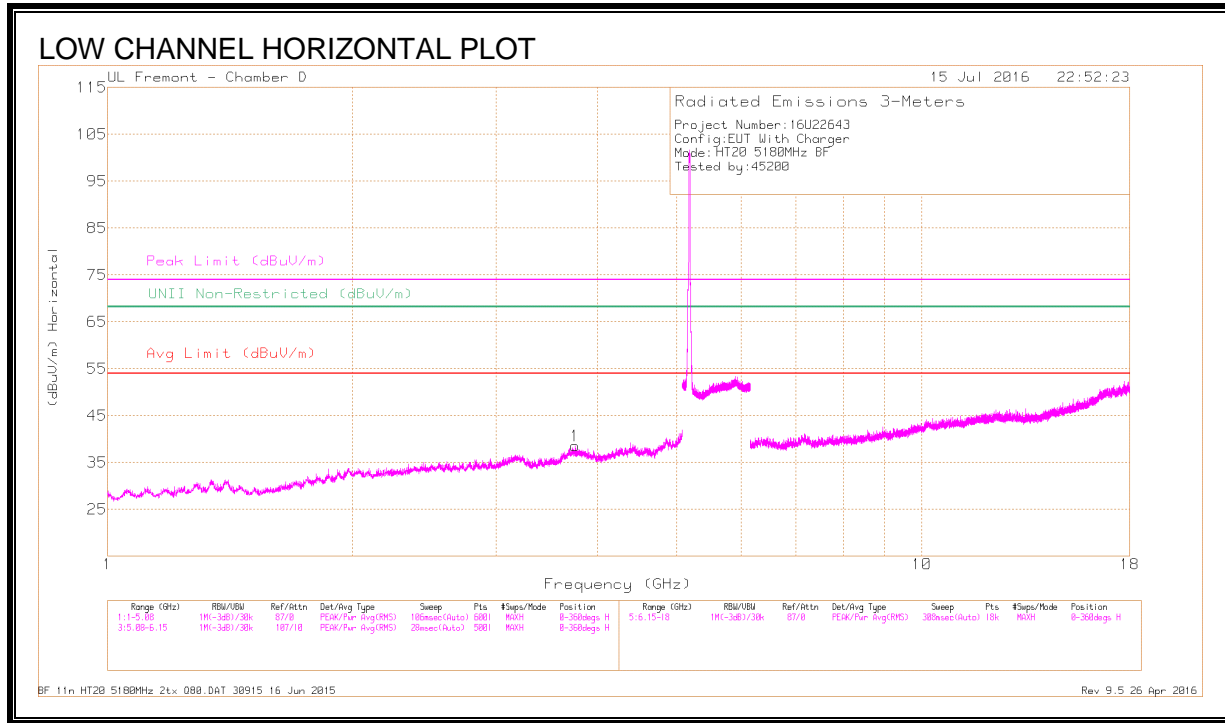


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (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
2	* 5.147	42.76	Pk	34.1	-18.2	0	58.66	-	-	74	-15.34	280	253	V
4	* 5.149	33.94	RMS	34.1	-18.2	.10	49.97	54	-3.39	-	-	280	253	V
1	5.15	39.78	Pk	34.1	-18.2	0	55.68	-	-	74	-18.32	280	253	V
3	5.15	32.58	RMS	34.1	-18.2	.10	48.61	54	-5.31	-	-	280	253	V

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

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

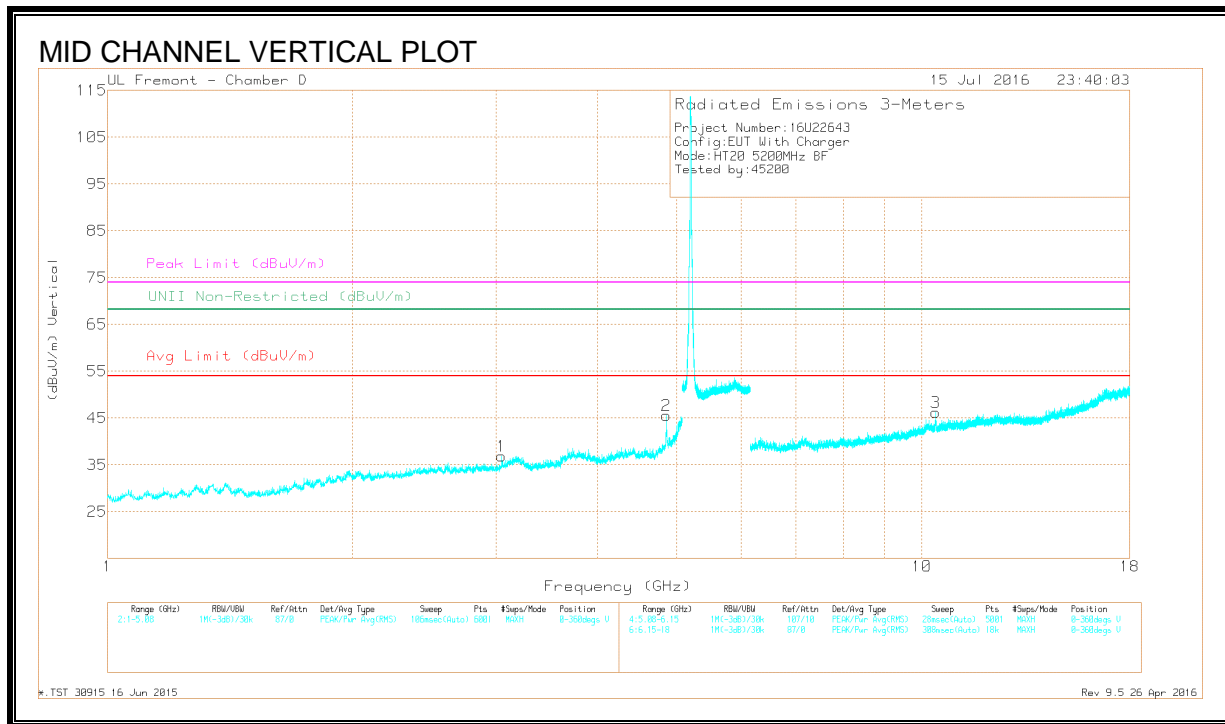
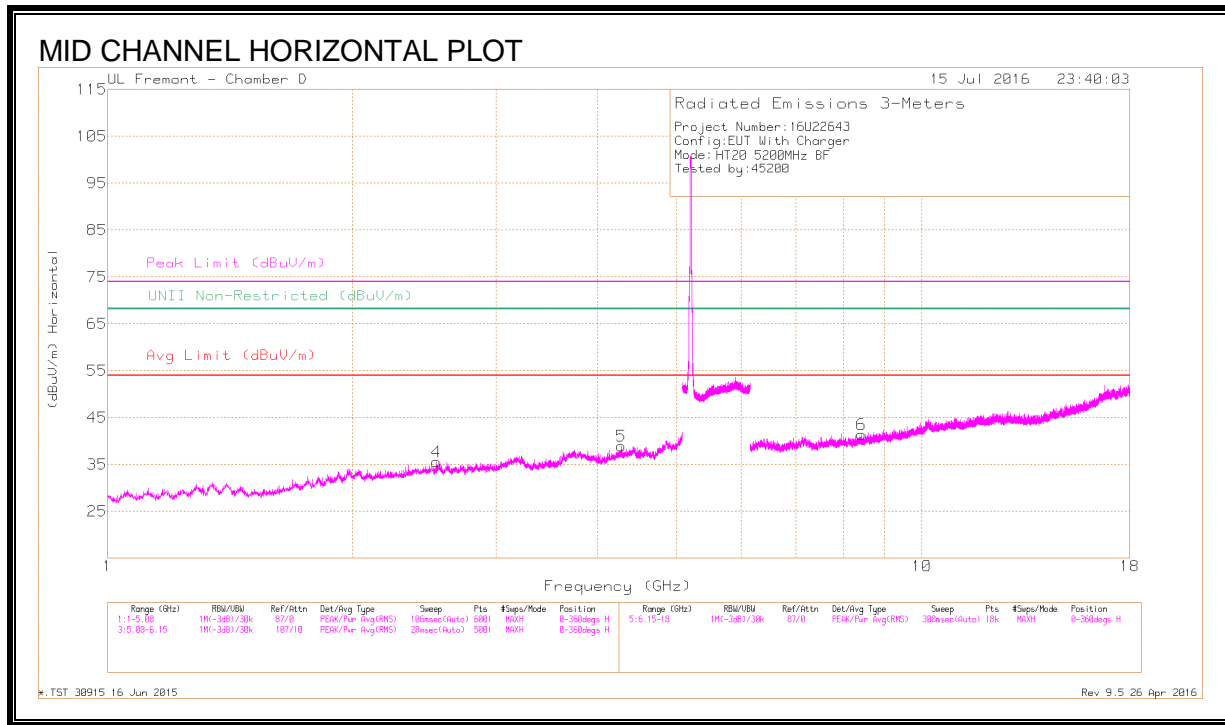
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 3.748	38.23	PK-U	33.5	-28.8	0	42.93	-	-	74	-31.07	-	-	283	236	H
	* 3.747	27.44	ADR	33.5	-28.8	.10	32.24	54	-21.76	-	-	-	-	283	236	H
2	* 4.835	41.44	PK-U	34.1	-26.4	0	49.14	-	-	74	-24.86	-	-	287	295	V
	* 4.835	33.15	ADR	34.1	-26.4	.10	40.95	54	-13.05	-	-	-	-	287	295	V
3	* 5.078	44.28	PK-U	34	-24.2	0	54.08	-	-	74	-19.92	-	-	278	228	V
	* 5.077	33.9	ADR	34	-24.4	.10	43.6	54	-10.4	-	-	-	-	278	228	V
4	6.216	38.35	PK-U	35.6	-26.3	0	47.65	-	-	-	-	68.2	-20.55	274	384	V
5	6.907	37.16	PK-U	35.7	-25	0	47.86	-	-	-	-	68.2	-20.34	223	254	V
6	10.356	36.78	PK-U	37.6	-21.2	0	53.18	-	-	-	-	68.2	-15.02	249	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

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

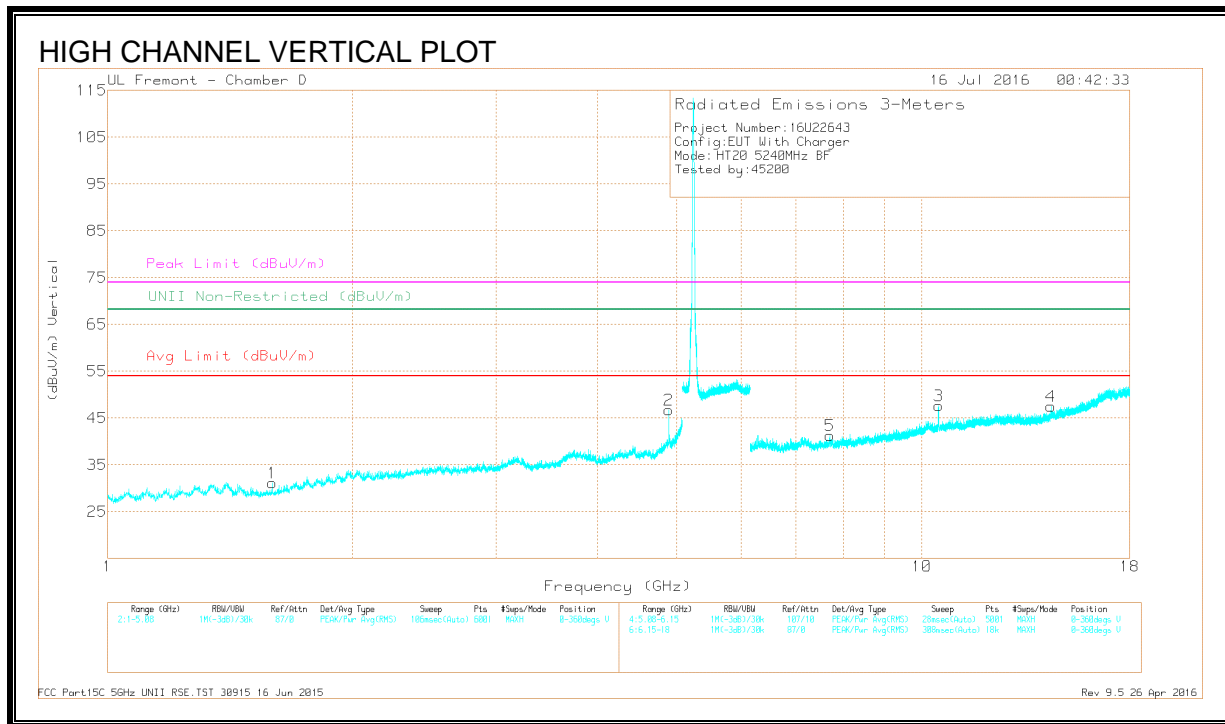
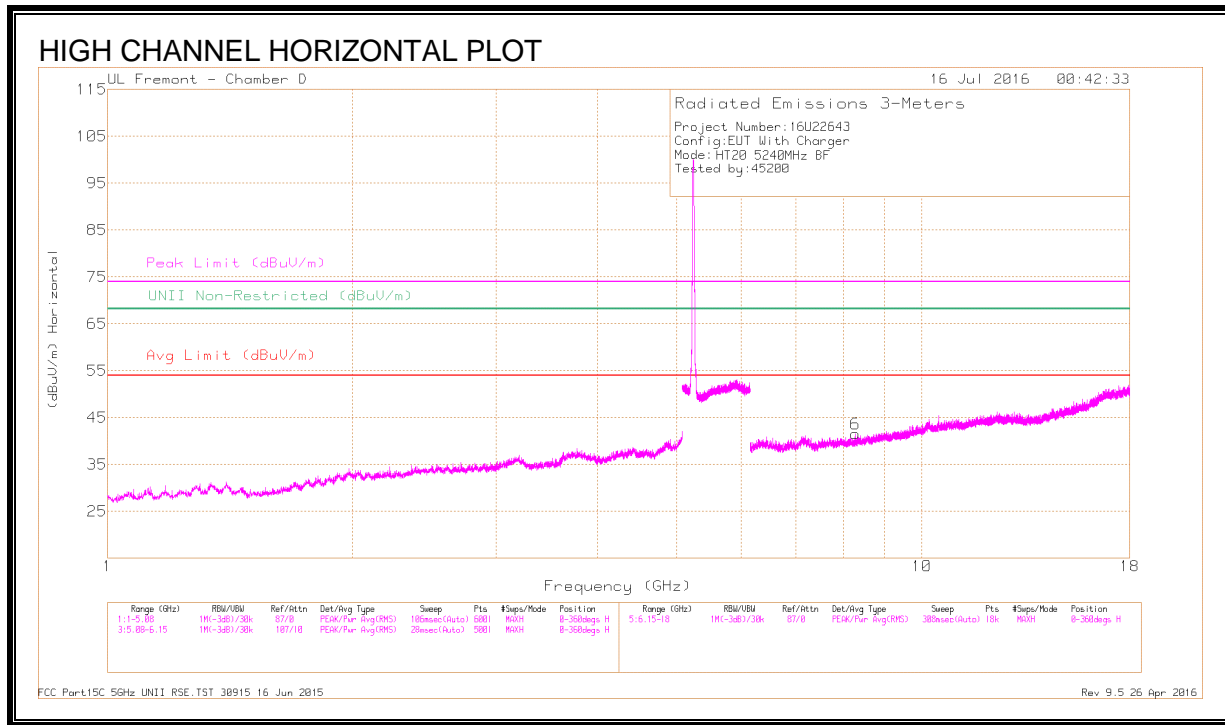
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	DC Corr (dB)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polariz
4	* 4.277	37.67	PK-U	33.5	-27.6	43.57	0	-	-	74	-30.43	-	-	218	272	H
	* 4.278	26.92	ADR	33.5	-27.6	32.82	.10	54	-21.08	-	-	-	-	218	272	H
1	* 4.853	40.81	PK-U	34.1	-25.4	49.51	0	-	-	74	-24.49	-	-	261	280	V
	* 4.853	32.49	ADR	34.1	-25.4	41.19	.10	54	-12.71	-	-	-	-	261	280	V
5	* 8.427	34.61	PK-U	35.8	-23.7	46.71	0	-	-	74	-27.29	-	-	286	336	H
	* 8.425	24.15	ADR	35.8	-23.7	36.25	.10	54	-17.65	-	-	-	-	286	336	H
6	2.535	39.21	PK-U	32.2	-29.8	41.61	0	-	-	-	-	68.2	-26.59	25	170	H
2	3.044	39.75	PK-U	32.9	-29.7	42.95	0	-	-	-	-	68.2	-25.25	312	171	V
3	10.403	36.58	PK-U	37.6	-21.4	52.78	0	-	-	-	-	68.2	-15.42	65	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

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fit r/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	* 1.593	43.58	PK-U	28	-31.6	0	39.98	-	-	74	-34.02	-	-	262	310	V
	* 1.593	31.18	ADR	28	-31.6	.10	27.68	54	-26.32	-	-	-	-	262	310	V
2	* 4.891	42.42	PK-U	34.1	-25.3	0	51.22	-	-	74	-22.78	-	-	266	290	V
	* 4.891	35.39	ADR	34.1	-25.3	.10	44.09	54	-9.71	-	-	-	-	266	290	V
6	* 8.287	35	PK-U	35.8	-23.9	0	46.9	-	-	74	-27.1	-	-	99	325	H
	* 8.287	24.55	ADR	35.8	-23.9	.10	36.65	54	-17.45	-	-	-	-	99	325	H
3	* 7.709	35.05	PK-U	35.8	-24.1	0	46.75	-	-	74	-27.25	-	-	208	386	V
	* 7.708	24.67	ADR	35.8	-24.1	.10	36.47	54	-17.53	-	-	-	-	208	386	V
4	10.485	38.39	PK-U	37.6	-21.2	0	54.79	-	-	-	-	68.2	-13.41	328	116	V
5	14.402	36.41	PK-U	39.3	-21.9	0	53.81	-	-	-	-	68.2	-14.39	97	171	V

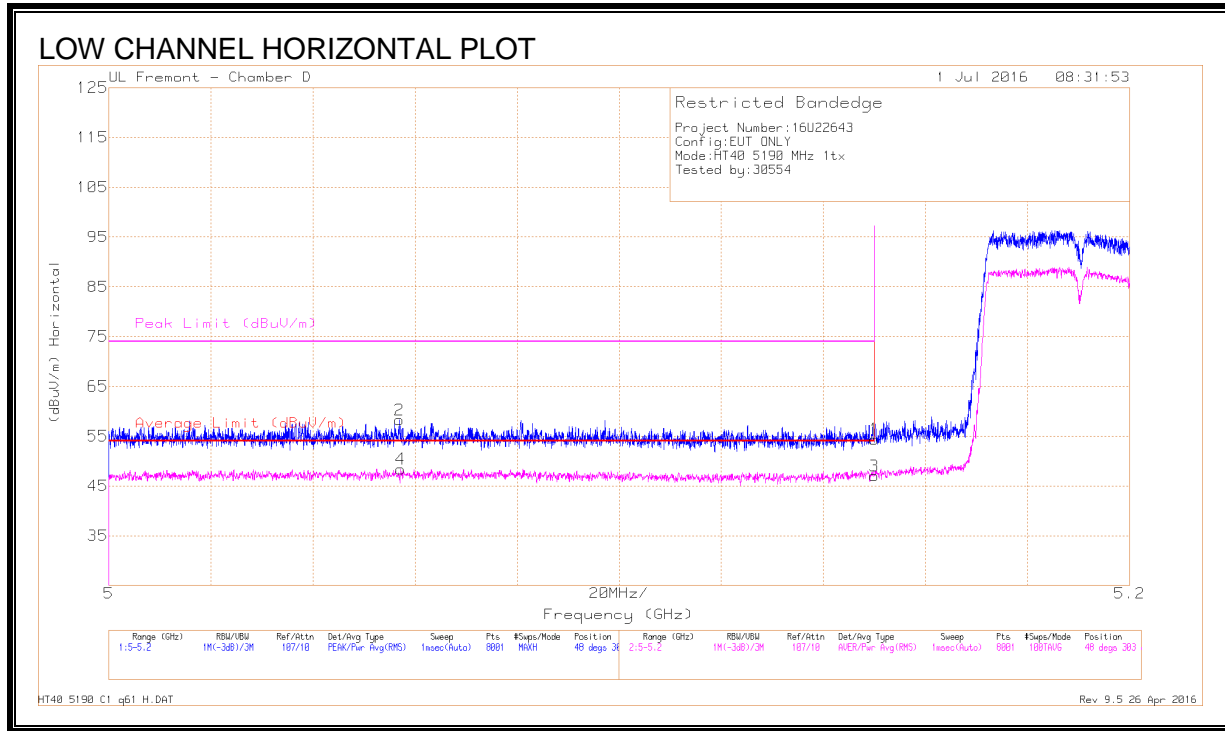
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.6. 802.11n HT40 1Tx MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE, CHAIN 0 (LOW CHANNEL)



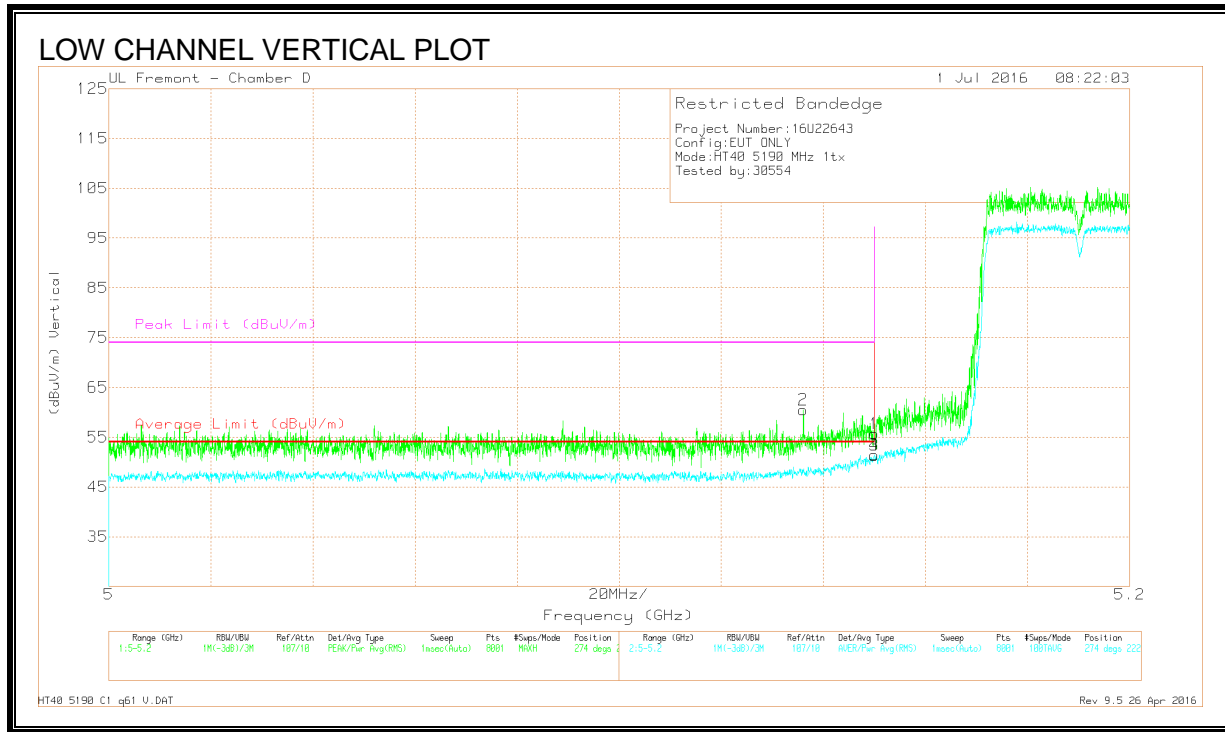
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (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 (Degrees)	Height (cm)	Polarity
2	* 5.057	42.28	Pk	34	-18	58.28	-	-	74	-15.72	48	303	H
4	* 5.057	32.39	RMS	34	-18	48.39	54	-5.61	-	-	48	303	H
1	5.15	38.5	Pk	34.1	-18.2	54.4	-	-	74	-19.6	48	303	H
3	5.15	31.11	RMS	34.1	-18.2	47.01	54	-6.99	-	-	48	303	H

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

Pk - Peak detector

RMS - RMS detection



DATA

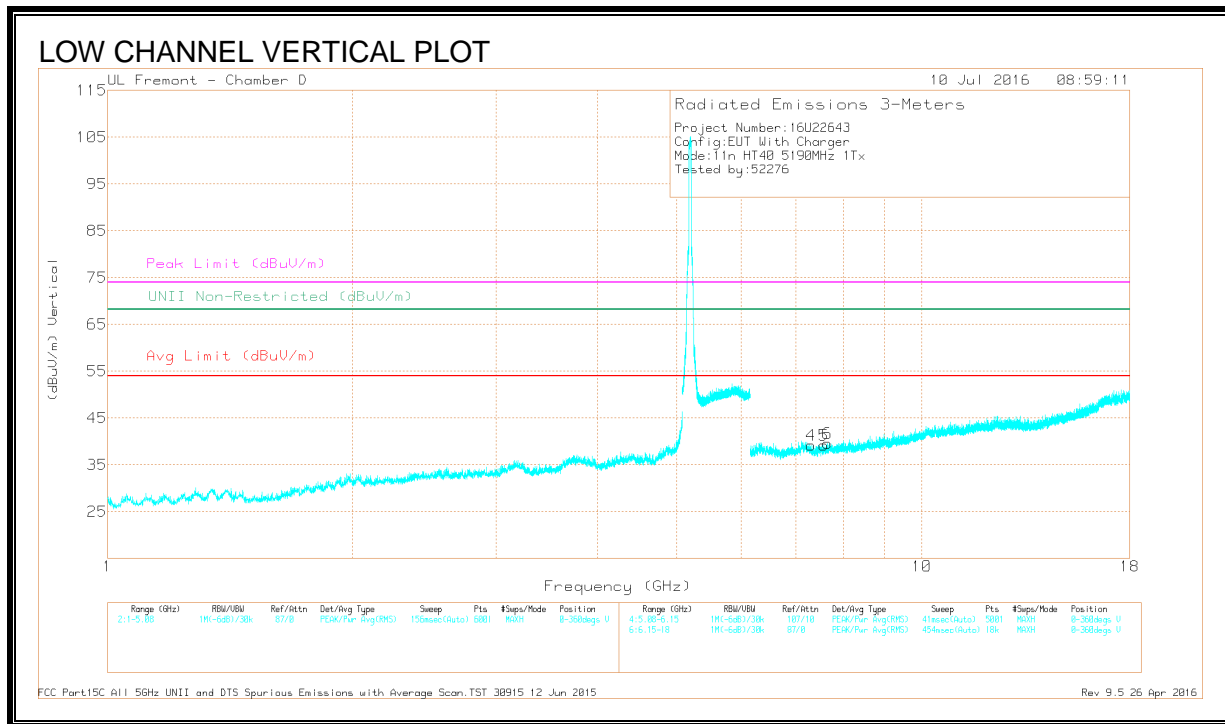
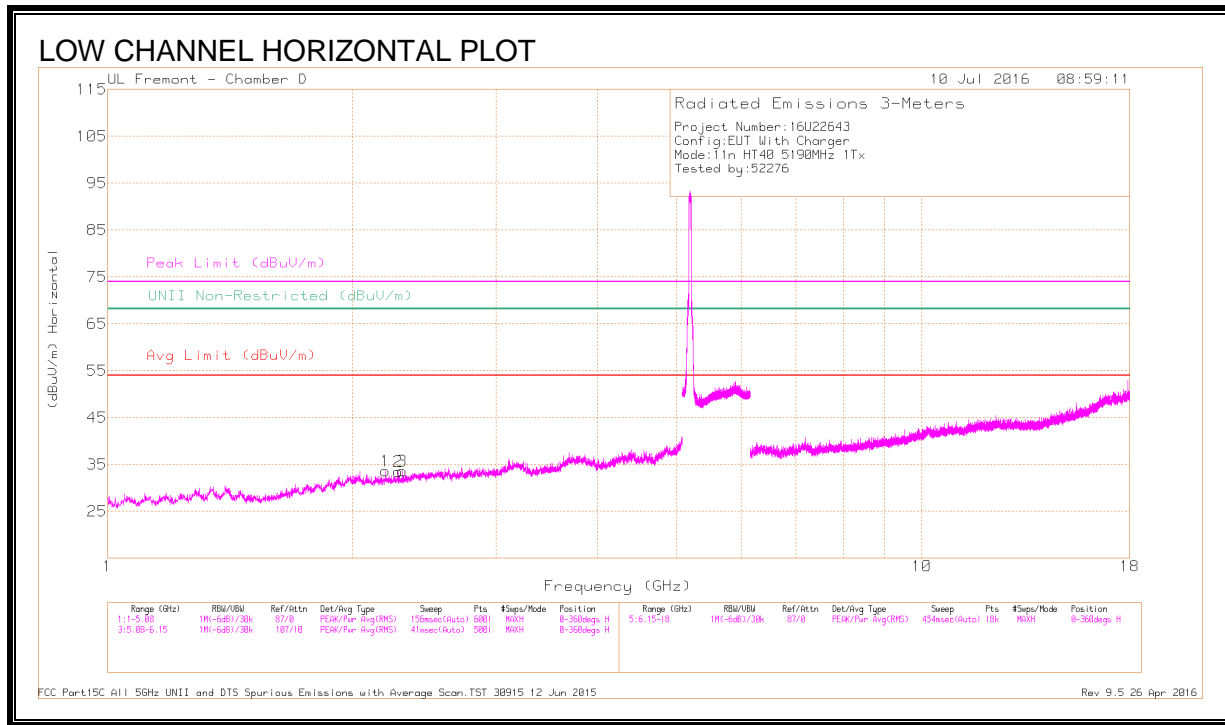
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
2	* 5.136	44.61	Pk	34.1	-18.2	60.51	-	-	74	-13.49	274	222	V
4	* 5.15	35.5	RMS	34.1	-18.2	51.4	54	-2.6	-	-	274	222	V
1	5.15	39.82	Pk	34.1	-18.2	55.72	-	-	74	-18.28	274	222	V
3	5.15	35.48	RMS	34.1	-18.2	51.38	54	-2.62	-	-	274	222	V

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

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

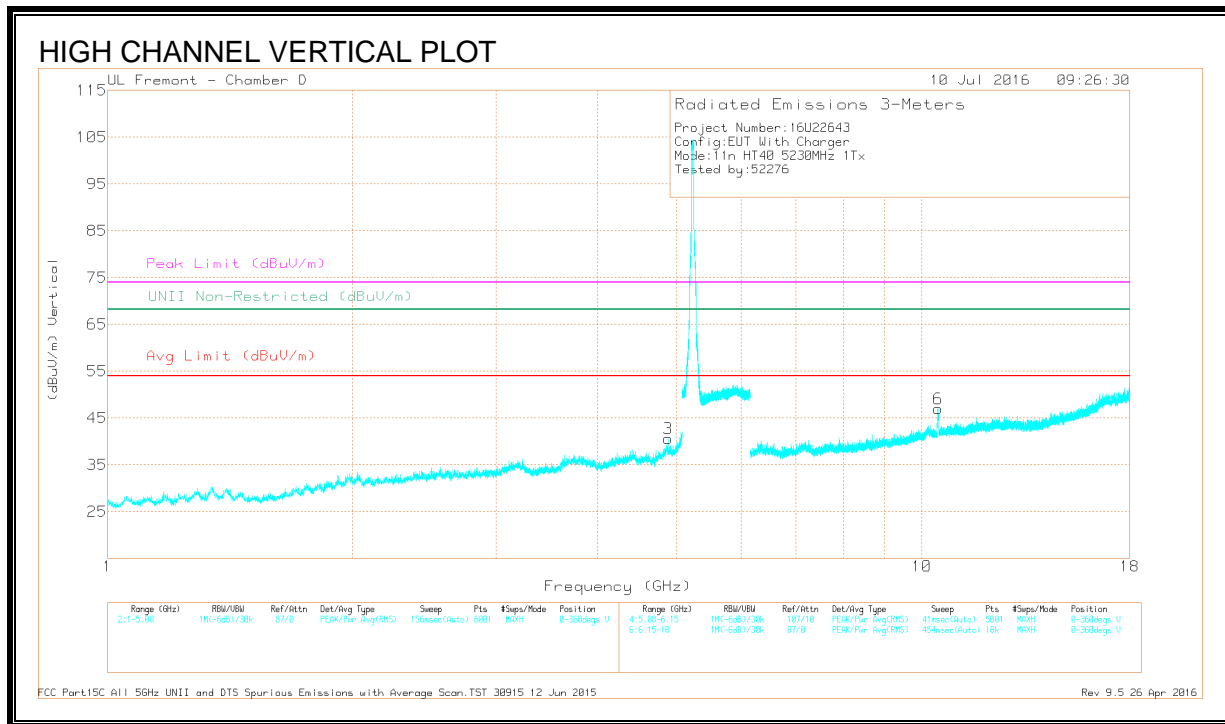
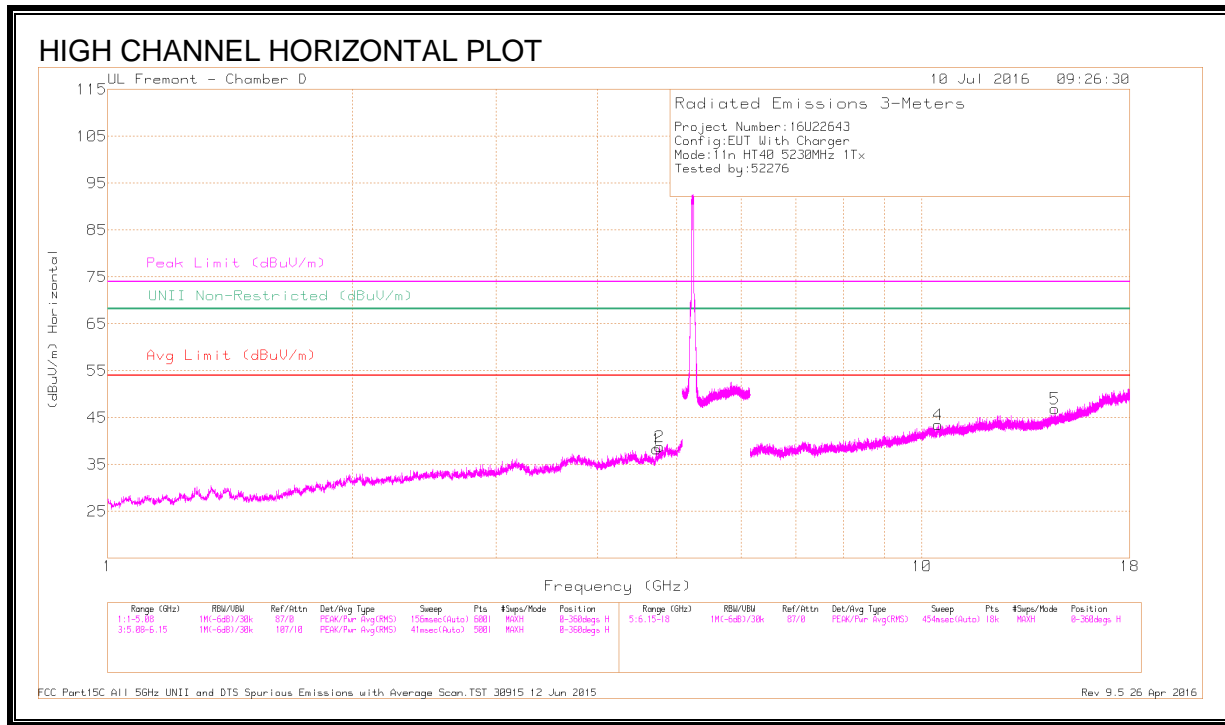


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/FI tr/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	* 2.274	37.83	PK-U	31.4	-30.5	38.73	-	-	74	-35.27	-	-	203	106	H
	* 2.271	27.28	ADR	31.4	-30.6	28.08	54	-25.92	-	-	-	-	203	106	H
4	* 7.308	34.9	PK-U	35.7	-25.2	45.4	-	-	74	-28.6	-	-	116	180	V
	* 7.305	24.61	ADR	35.7	-25.2	35.11	54	-18.89	-	-	-	-	116	180	V
5	* 7.583	33.61	PK-U	35.8	-25.1	44.31	-	-	74	-29.69	-	-	107	246	V
	* 7.583	24.1	ADR	35.8	-25.1	34.8	54	-19.2	-	-	-	-	107	246	V
6	* 7.664	33.81	PK-U	35.8	-24.7	44.91	-	-	74	-29.09	-	-	25	203	V
	* 7.662	23.64	ADR	35.8	-24.7	34.74	54	-19.26	-	-	-	-	25	203	V
2	2.193	38.25	PK-U	31.6	-30.8	39.05	-	-	-	-	68.2	-29.15	339	147	H
3	2.304	37.63	PK-U	31.4	-30.4	38.63	-	-	-	-	68.2	-29.57	75	249	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

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

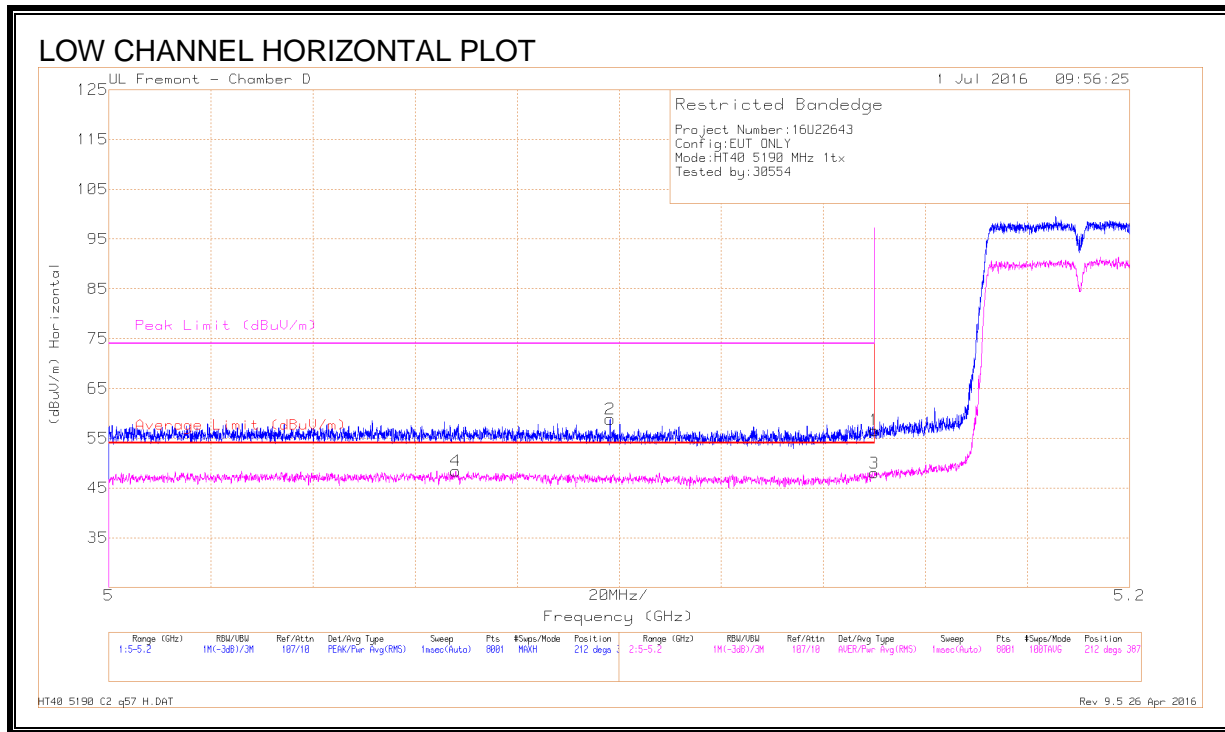
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitter/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 4.72	36.39	PK-U	34	-27.7	42.69	-	-	74	-31.31	-	-	110	101	H
	* 4.719	26.58	ADR	34	-27.7	32.88	54	-21.12	-	-	-	-	110	101	H
2	* 4.766	36.1	PK-U	34	-27.2	42.9	-	-	74	-31.1	-	-	52	145	H
	* 4.766	26.37	ADR	34	-27.2	33.17	54	-20.83	-	-	-	-	52	145	H
3	* 4.883	34.11	PK-U	34.1	-25.3	42.91	-	-	74	-31.09	-	-	203	192	V
	* 4.881	24.3	ADR	34.1	-25.2	33.2	54	-20.8	-	-	-	-	203	192	V
4	10.458	37.75	PK-U	37.6	-21.4	53.95	-	-	-	-	68.2	-14.25	143	104	V
5	10.471	34.05	PK-U	37.6	-21.3	50.35	-	-	-	-	68.2	-17.85	85	112	H
6	14.56	33.44	PK-U	39.6	-22.1	50.94	-	-	-	-	68.2	-17.26	146	179	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

RESTRICTED BANDEDGE, CHAIN 1 (LOW CHANNEL)

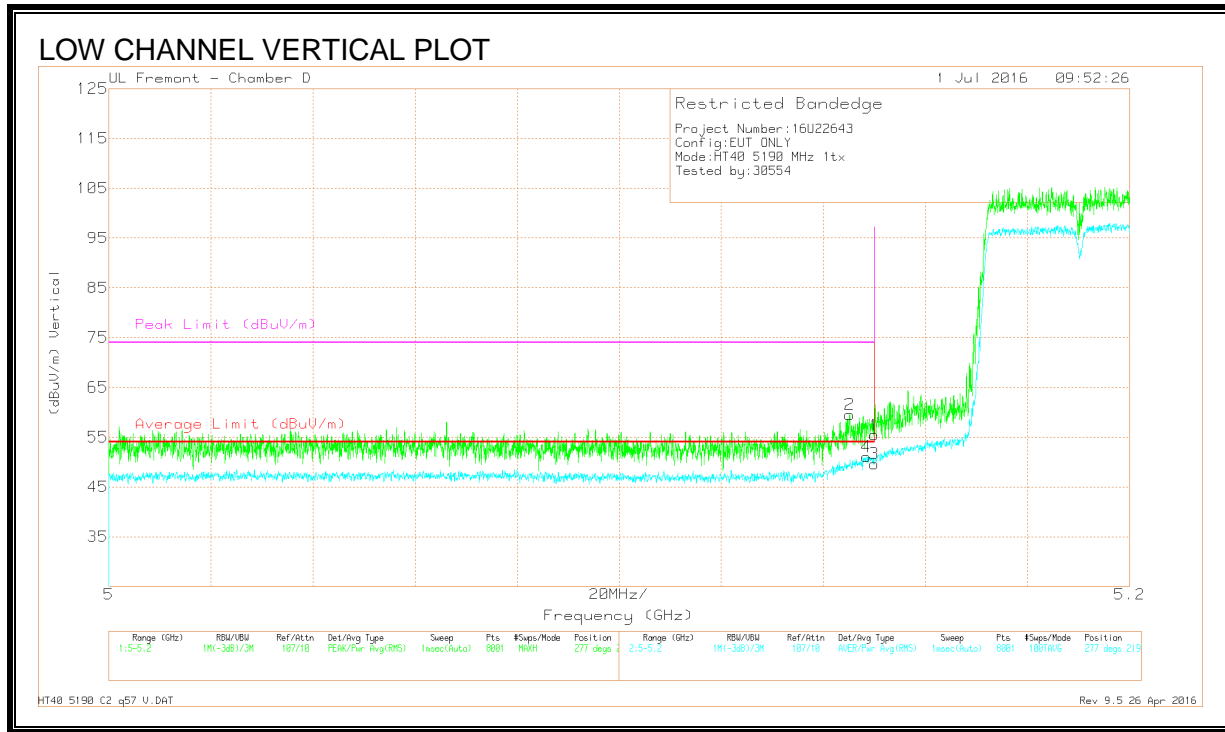


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
2	* 5.098	42.93	Pk	34	-18.1	58.83	-	-	74	-15.17	212	387	H
4	* 5.068	32.44	RMS	34	-18	48.44	54	-5.56	-	-	212	387	H
1	5.15	40.72	Pk	34.1	-18.2	56.62	-	-	74	-17.38	212	387	H
3	5.15	32.09	RMS	34.1	-18.2	47.99	54	-6.01	-	-	212	387	H

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

Pk - Peak detector
 RMS - RMS detection

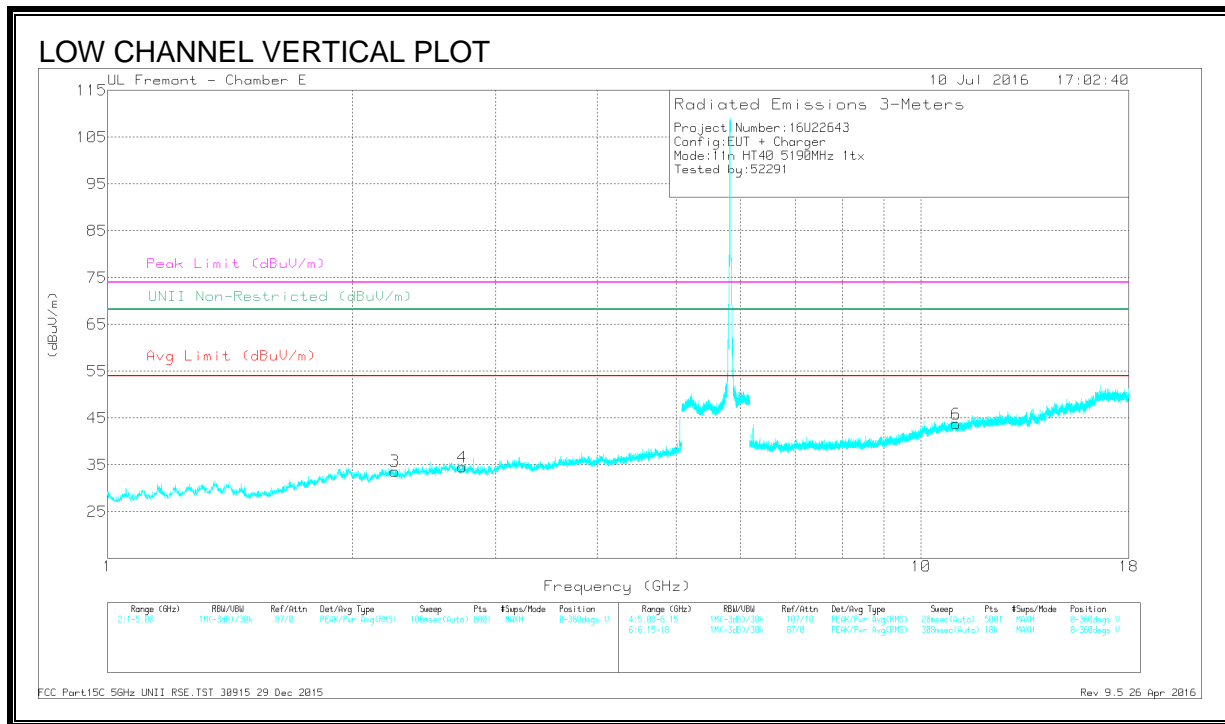
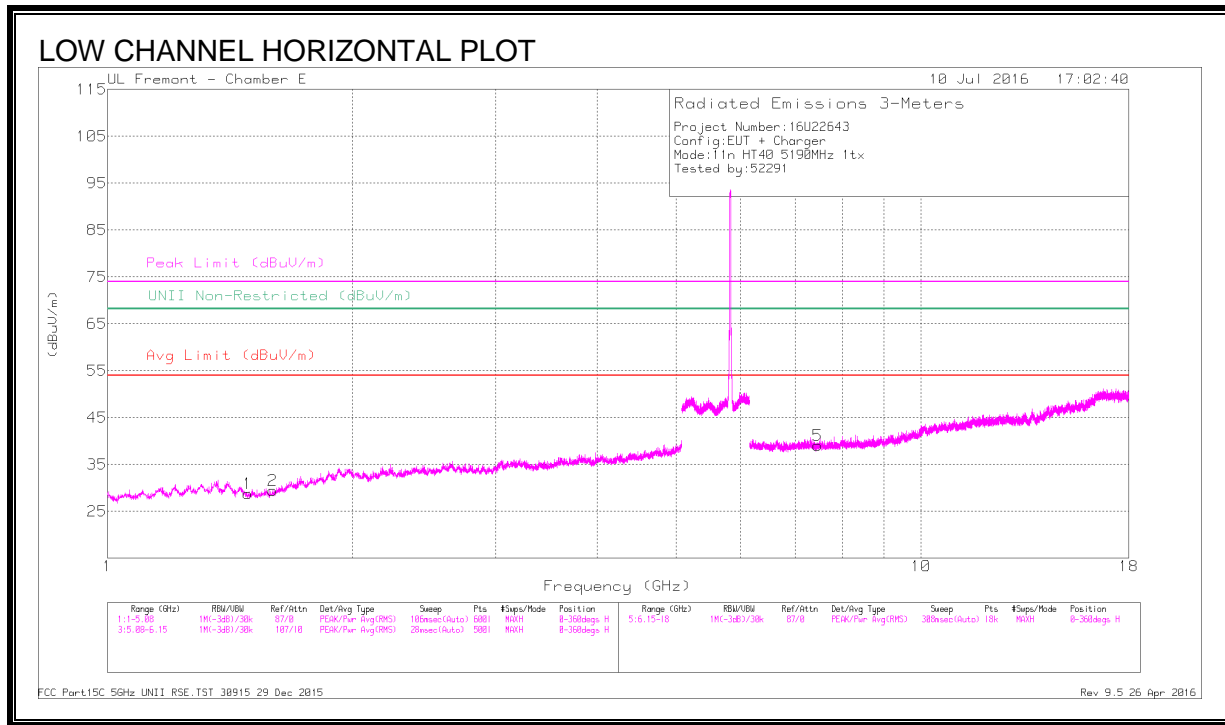


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
2	* 5.145	43.65	Pk	34.1	-18.2	59.55	-	-	74	-14.45	277	219	V
4	* 5.148	35.19	RMS	34.1	-18.2	51.09	54	-2.91	-	-	277	219	V
1	5.15	39.57	Pk	34.1	-18.2	55.47	-	-	74	-18.53	277	219	V
3	5.15	33.75	RMS	34.1	-18.2	49.65	54	-4.35	-	-	277	219	V

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

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

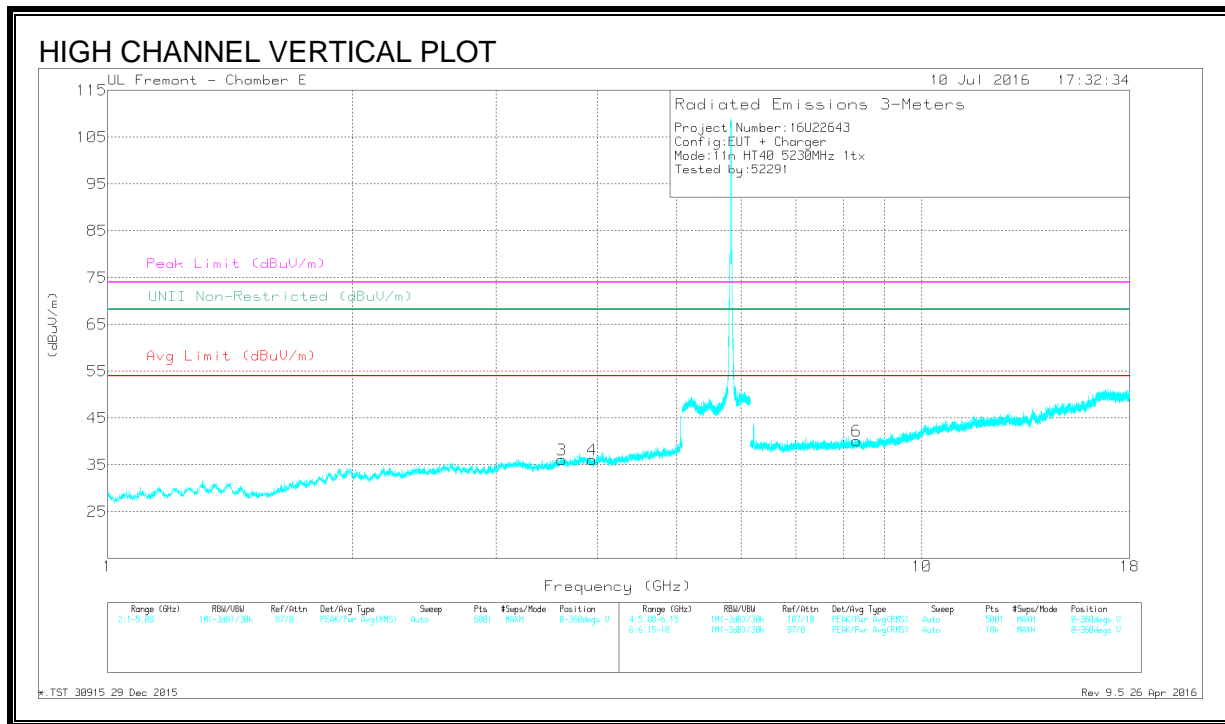
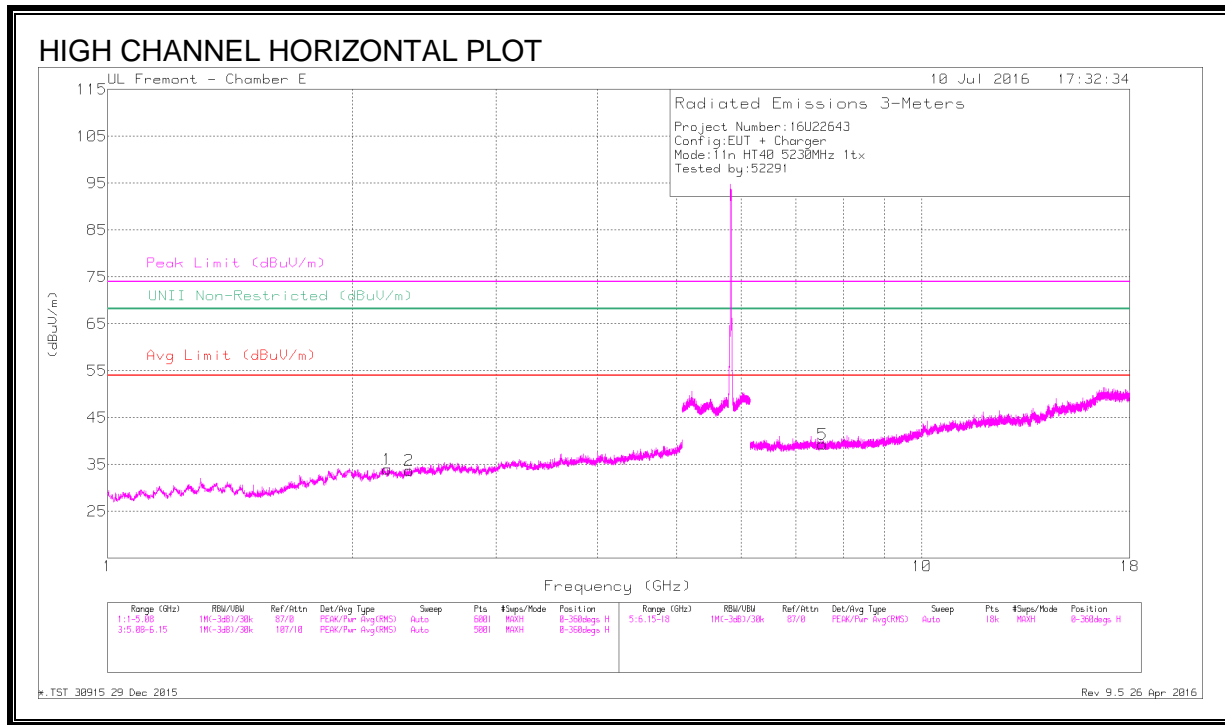


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dB uV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polariz y
1	* 1.487	43.83	PK-U	27.9	-35.1	36.63	-	-	74	-37.37	-	-	214	324	H
	* 1.488	32.26	ADR	27.9	-35.1	25.06	54	-28.94	-	-	-	-	214	324	H
2	* 1.594	43.25	PK-U	27.8	-34.8	36.25	-	-	74	-37.75	-	-	230	246	H
	* 1.593	32.84	ADR	27.8	-34.8	25.84	54	-28.16	-	-	-	-	230	246	H
3	* 2.255	42.43	PK-U	31.6	-33	41.03	-	-	74	-32.97	-	-	159	214	V
	* 2.253	31.68	ADR	31.6	-33	30.28	54	-23.72	-	-	-	-	159	214	V
4	* 2.73	41.6	PK-U	32.5	-32.6	41.5	-	-	74	-32.5	-	-	177	221	V
	* 2.731	31.31	ADR	32.5	-32.6	31.21	54	-22.79	-	-	-	-	177	221	V
5	* 7.462	38.61	PK-U	35.5	-27.4	46.71	-	-	74	-27.29	-	-	90	181	H
	* 7.463	27.98	ADR	35.5	-27.4	36.08	54	-17.92	-	-	-	-	90	181	H
6	* 11.045	35.17	PK-U	38	-23.5	49.67	-	-	74	-24.33	-	-	103	149	V
	* 11.044	25.72	ADR	38	-23.5	40.22	54	-13.78	-	-	-	-	103	149	V

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

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fit r/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)	Polariz
1	* 2.203	42.25	PK-U	31.8	-32.5	41.55	-	-	74	-32.45	-	-	55	335	H
	* 2.204	30.37	ADR	31.8	-32.5	29.67	54	-24.33	-	-	-	-	55	335	H
2	* 2.347	41.54	PK-U	31.8	-32.6	40.74	-	-	74	-33.26	-	-	72	207	H
	* 2.344	31.55	ADR	31.8	-32.7	30.65	54	-23.35	-	-	-	-	72	207	H
3	* 3.613	41.13	PK-U	33	-30.7	43.43	-	-	74	-30.57	-	-	132	187	V
	* 3.611	30.29	ADR	33	-30.7	32.59	54	-21.41	-	-	-	-	132	187	V
4	* 3.932	40.28	PK-U	33.3	-31.1	42.48	-	-	74	-31.52	-	-	70	174	V
	* 3.932	30.3	ADR	33.3	-31.1	32.5	54	-21.5	-	-	-	-	70	174	V
5	* 7.552	37.49	PK-U	35.6	-26.6	46.49	-	-	74	-27.51	-	-	113	134	H
	* 7.555	27.52	ADR	35.6	-26.5	36.62	54	-17.38	-	-	-	-	113	134	H
6	* 8.315	37.83	PK-U	35.7	-27	46.53	-	-	74	-27.47	-	-	72	166	V
	* 8.313	27.78	ADR	35.7	-27	36.48	54	-17.52	-	-	-	-	72	166	V

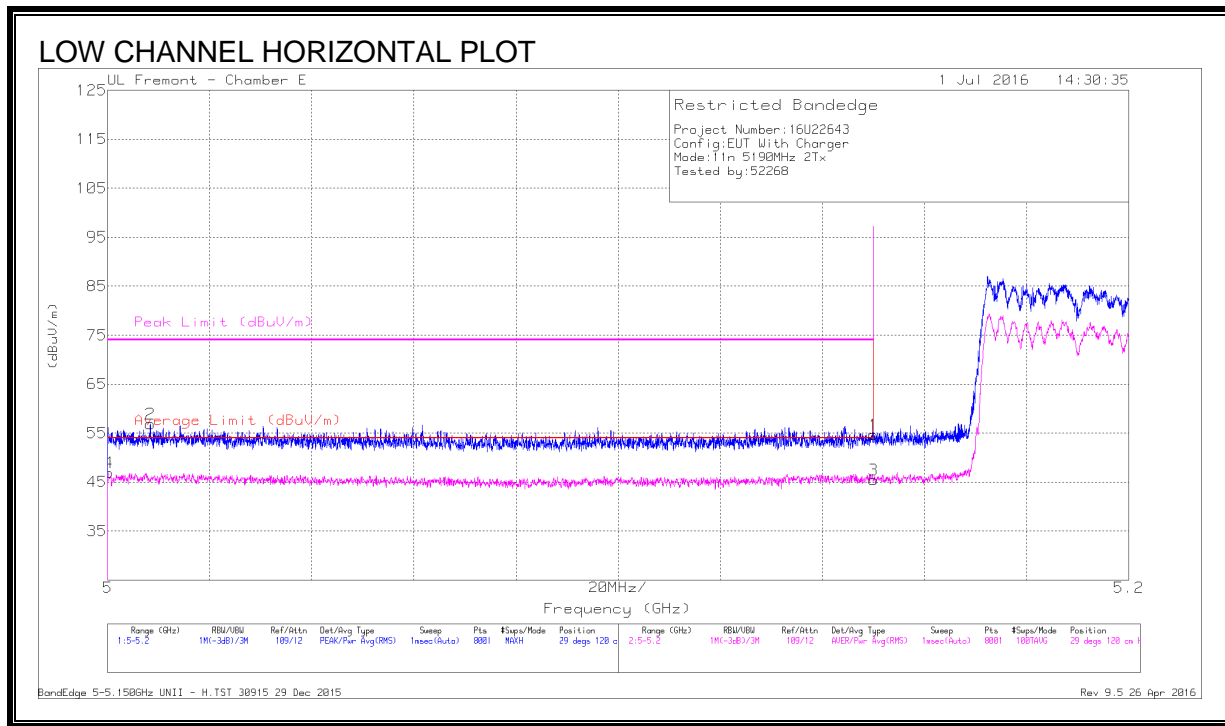
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

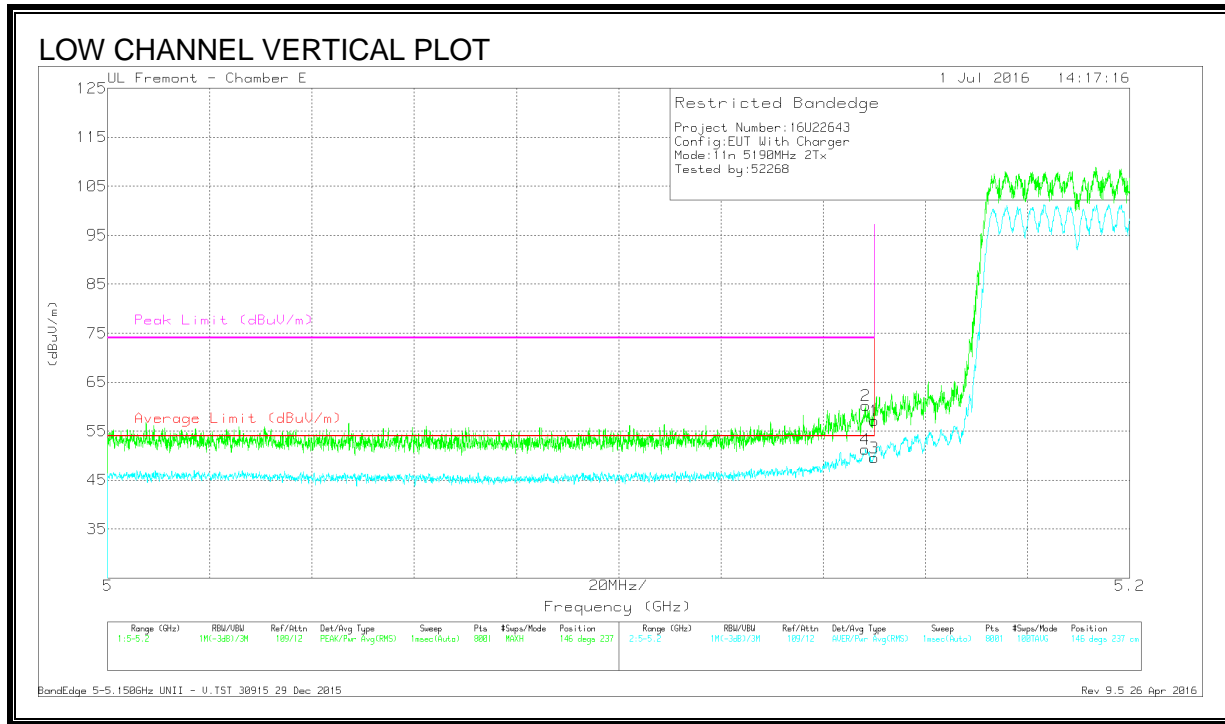
9.7. 802.11n HT40 2Tx CDD MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

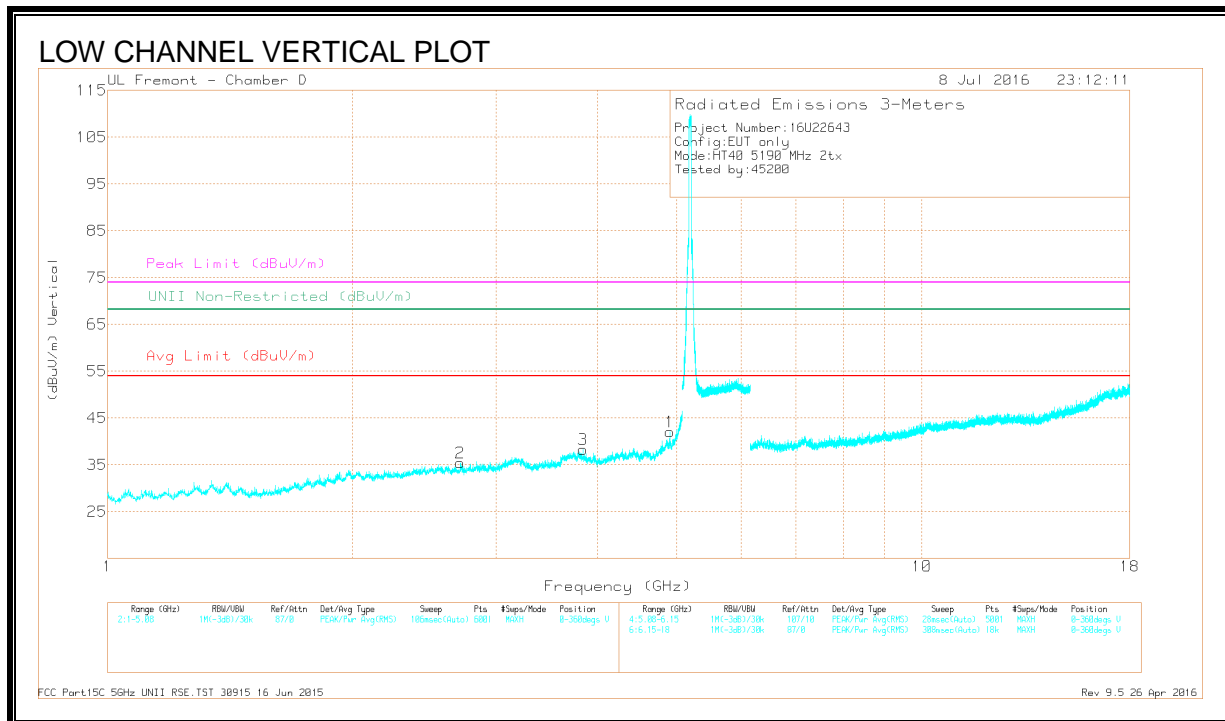
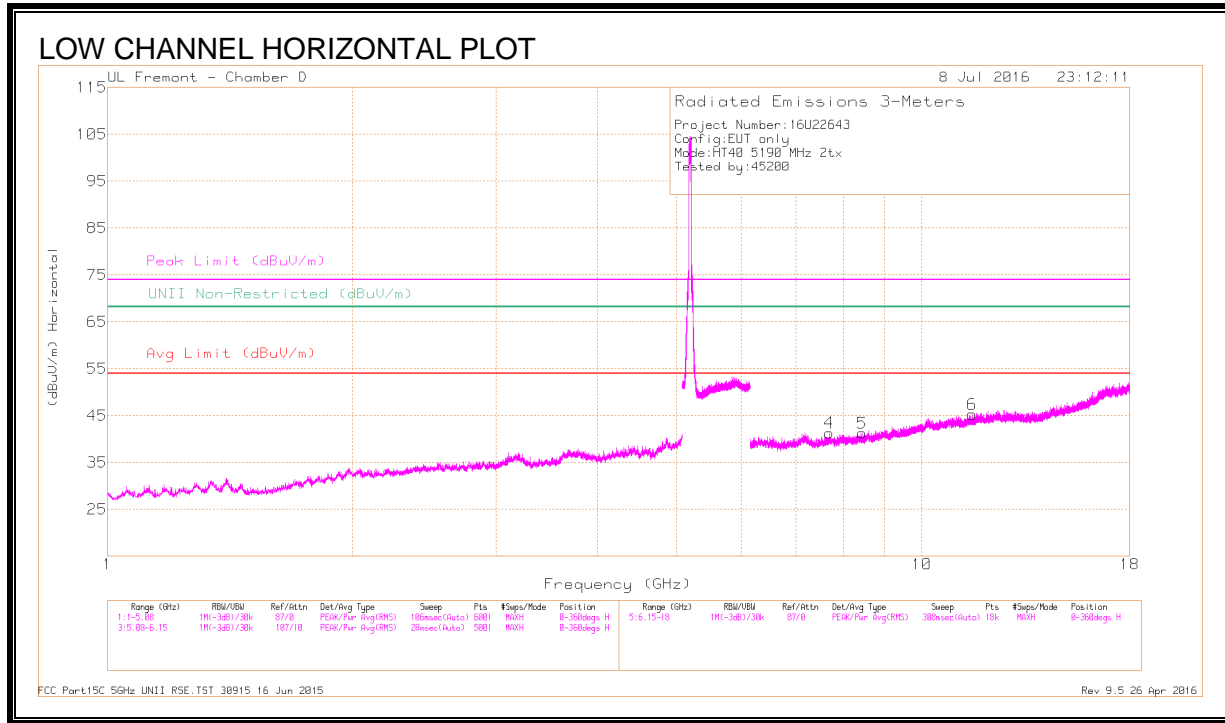
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filter/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
2	* 5.008	41.47	Pk	33.9	-18.5	56.87	-	-	74	-17.13	29	120	H
4	* 5	31.53	RMS	33.9	-18.5	46.93	54	-7.07	-	-	29	120	H
1	5.15	39.55	Pk	34.1	-19	54.65	-	-	74	-19.35	29	120	H
3	5.15	30.39	RMS	34.1	-19	45.49	54	-8.51	-	-	29	120	H



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
2	* 5.148	45	Pk	34.1	-18.9	60.2	-	-	74	-13.8	146	237	V
4	* 5.148	36.1	RMS	34.1	-18.9	51.3	54	-2.7	-	-	146	237	V
1	5.15	41.97	Pk	34.1	-19	57.07	-	-	74	-16.93	146	237	V
3	5.15	34.48	RMS	34.1	-19	49.58	54	-4.42	-	-	146	237	V

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

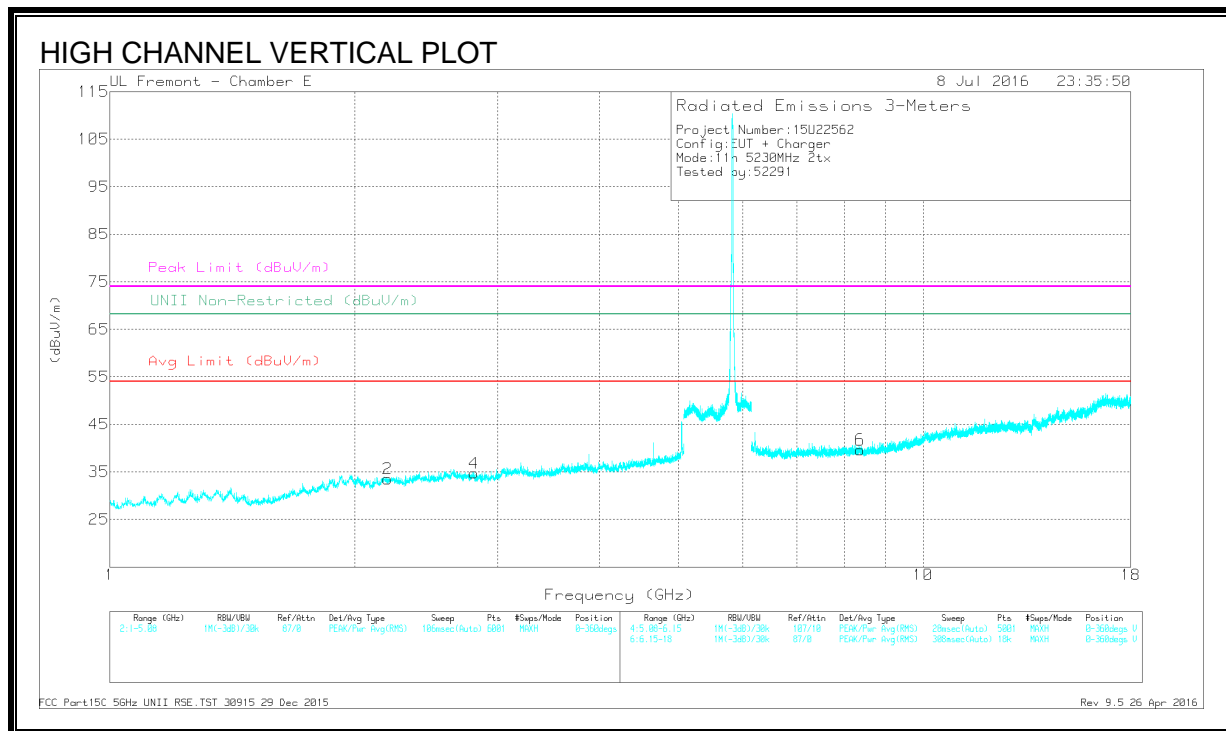
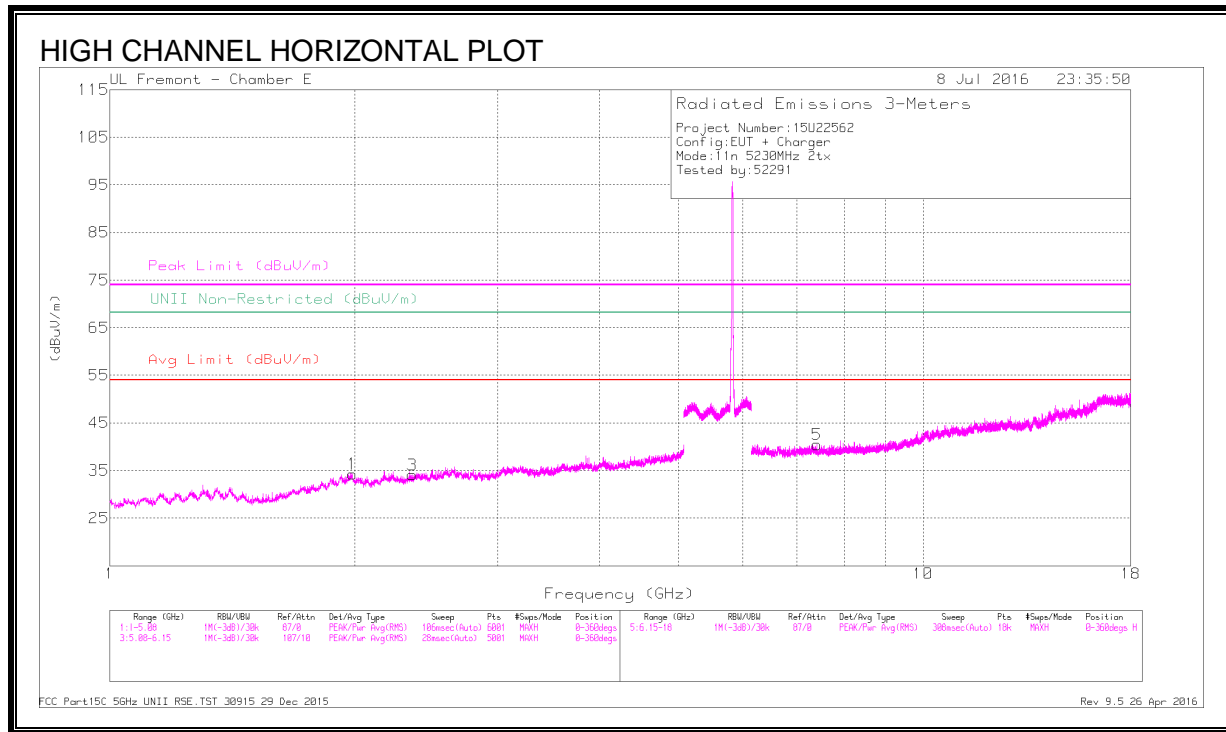
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.902	41.78	PK-U	34.1	-25.6	50.28	-	-	74	-23.72	-	-	355	249	V
	* 4.902	32.94	ADR	34.1	-25.6	41.44	54	-12.56	-	-	-	-	355	249	V
2	* 2.711	39.94	PK-U	32.4	-30.3	42.04	-	-	74	-31.96	-	-	187	121	V
	* 2.714	28.54	ADR	32.4	-30.3	30.64	54	-23.36	-	-	-	-	187	121	V
3	* 3.837	38.16	PK-U	33.5	-28.5	43.16	-	-	74	-30.84	-	-	301	215	V
	* 3.837	27.51	ADR	33.5	-28.5	32.51	54	-21.49	-	-	-	-	301	215	V
4	* 7.696	34.92	PK-U	35.8	-24.3	46.42	-	-	74	-27.58	-	-	4	187	H
	* 7.697	24.73	ADR	35.8	-24.3	36.23	54	-17.77	-	-	-	-	4	187	H
5	* 8.451	35.39	PK-U	35.8	-24.2	46.99	-	-	74	-27.01	-	-	222	179	H
	* 8.451	24.77	ADR	35.8	-24.2	36.37	54	-17.63	-	-	-	-	222	179	H
6	* 11.525	34.6	PK-U	38.4	-21.4	51.6	-	-	74	-22.4	-	-	5	294	H
	* 11.528	23.3	ADR	38.4	-21.4	40.3	54	-13.7	-	-	-	-	5	294	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

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/FI tr/Parad (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)	Polarization
3	* 2.354	41.62	PK-U	31.8	-32.4	41.02	-	-	74	-32.98	-	-	133	330	H
	* 2.355	31.01	ADR	31.8	-32.4	30.41	54	-23.59	-	-	-	-	133	330	H
4	* 2.804	41.58	PK-U	32.4	-32.1	41.88	-	-	74	-32.12	-	-	87	140	V
	* 2.802	30.77	ADR	32.4	-32.1	31.07	54	-22.93	-	-	-	-	87	140	V
5	* 7.403	38.69	PK-U	35.6	-27.9	46.39	-	-	74	-27.61	-	-	128	176	H
	* 7.401	28.89	ADR	35.6	-27.9	36.59	54	-17.41	-	-	-	-	128	176	H
6	* 8.369	37.96	PK-U	35.7	-26.8	46.86	-	-	74	-27.14	-	-	113	305	V
	* 8.366	27.77	ADR	35.7	-26.8	36.67	54	-17.33	-	-	-	-	113	305	V
1	1.987	42.66	PK-U	31.8	-33.2	41.26	-	-	-	-	68.2	-26.94	240	390	H
	1.988	31.47	ADR	31.8	-33.2	30.07	-	-	-	-	-	-	240	390	H
2	2.194	31.14	ADR	31.8	-32.6	30.34	-	-	-	-	-	-	72	211	V
	2.197	41.63	PK-U	31.8	-32.6	40.83	-	-	-	-	68.2	-27.37	72	211	V

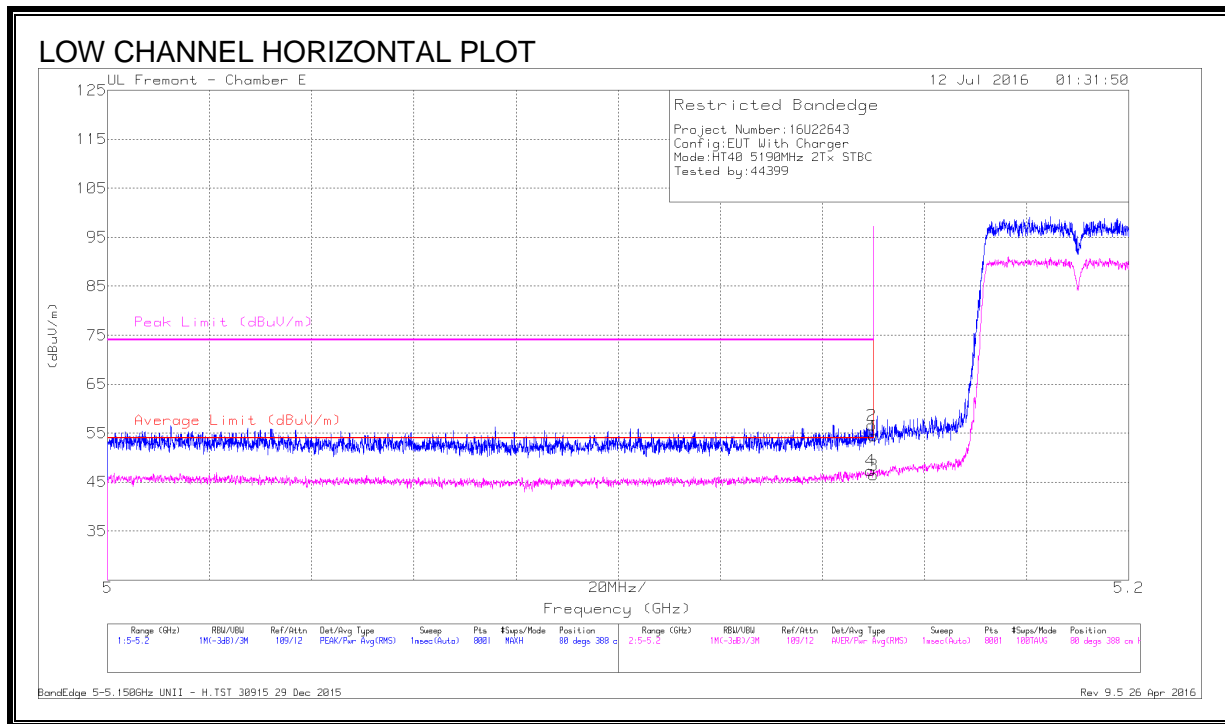
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

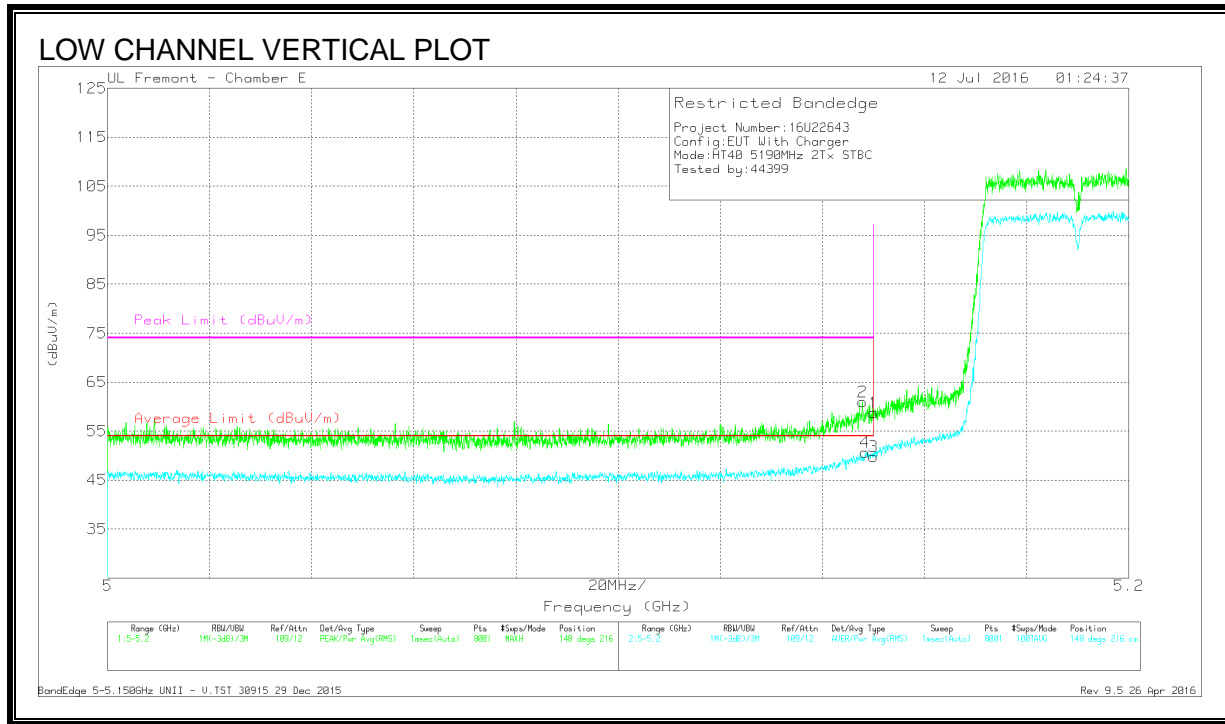
9.8. 802.11n HT40 2Tx STBC MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

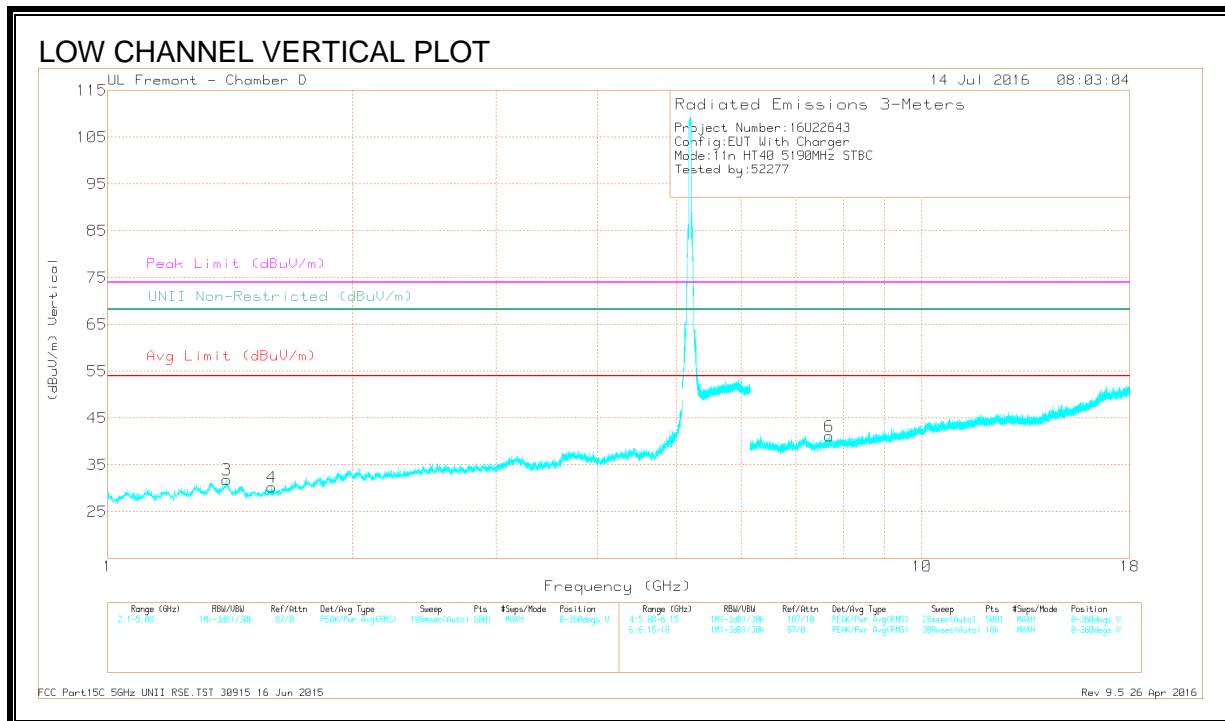
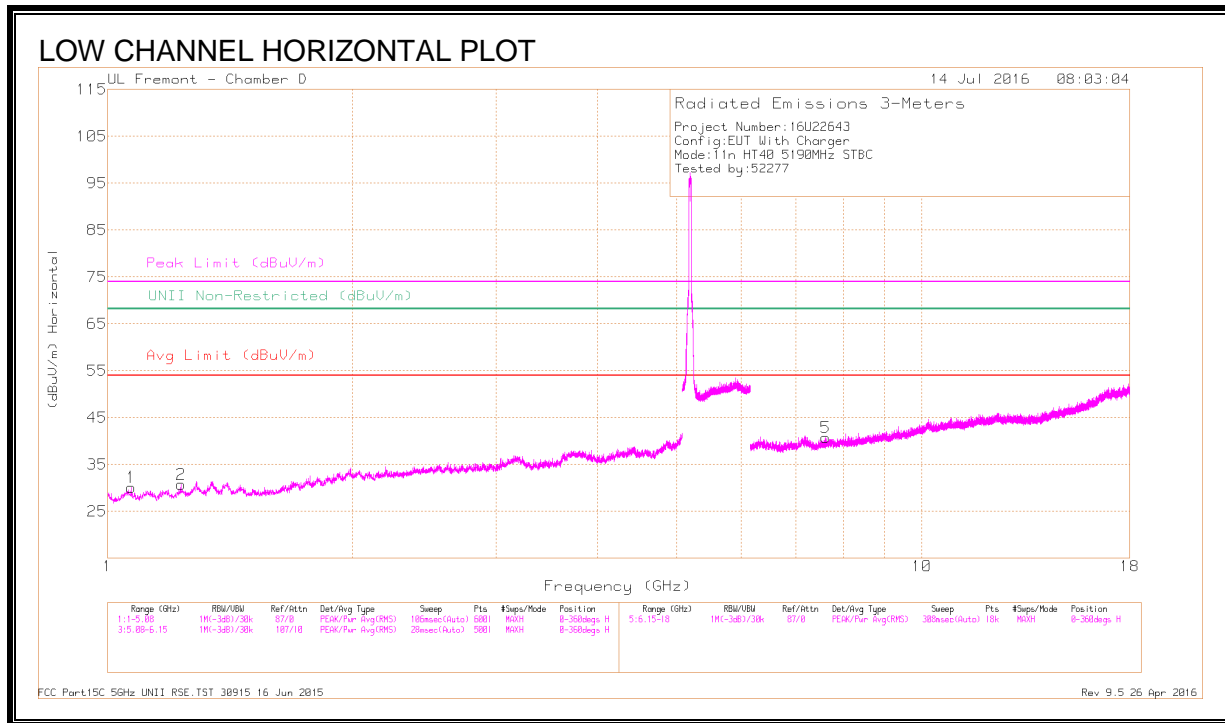
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
2	* 5.15	41.58	Pk	34.1	-19	56.68	-	-	74	-17.32	80	388	H
4	* 5.149	32.27	RMS	34.1	-19	47.37	54	-6.63	-	-	80	388	H
1	5.15	39.24	Pk	34.1	-19	54.34	-	-	74	-19.66	80	388	H
3	5.15	31.34	RMS	34.1	-19	46.44	54	-7.56	-	-	80	388	H



DATA

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 (Degrees)	Height (cm)	Polarity
2	* 5.148	45.75	Pk	34.1	-18.9	60.95	-	-	74	-13.05	148	216	V
4	* 5.148	35.46	RMS	34.1	-18.9	50.66	54	-3.34	-	-	148	216	V
1	5.15	43.6	Pk	34.1	-19	58.7	-	-	74	-15.3	148	216	V
3	5.15	34.73	RMS	34.1	-19	49.83	54	-4.17	-	-	148	216	V

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

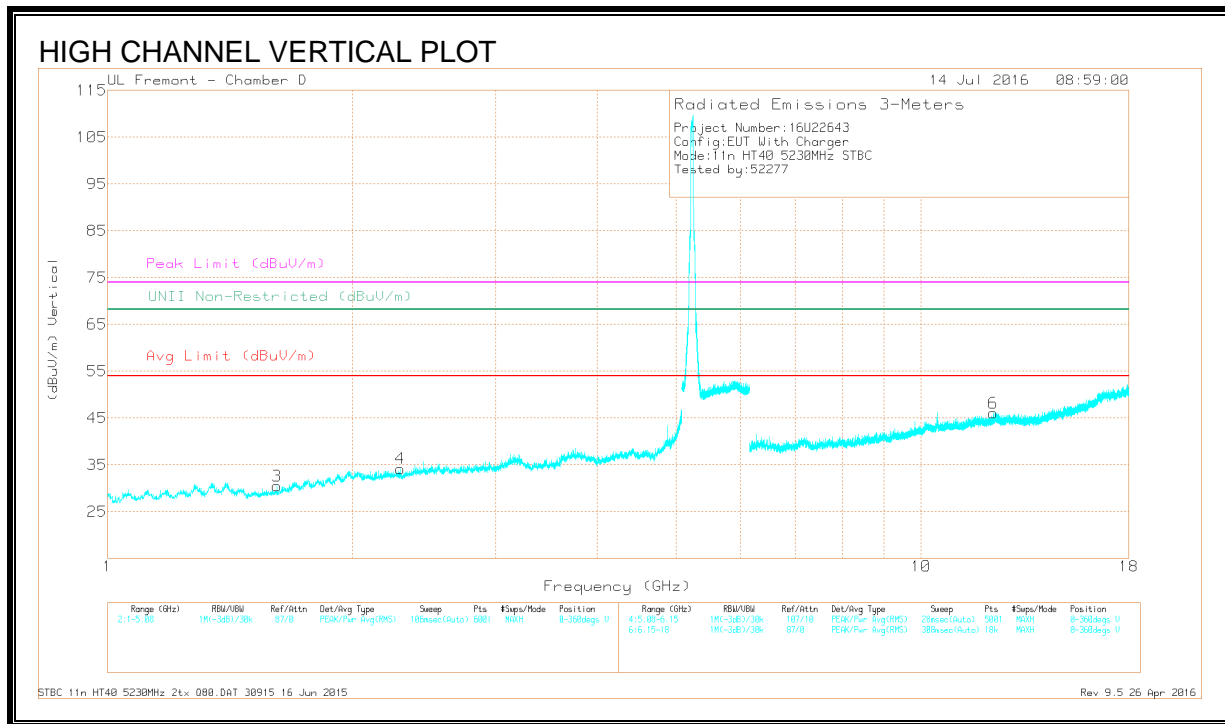
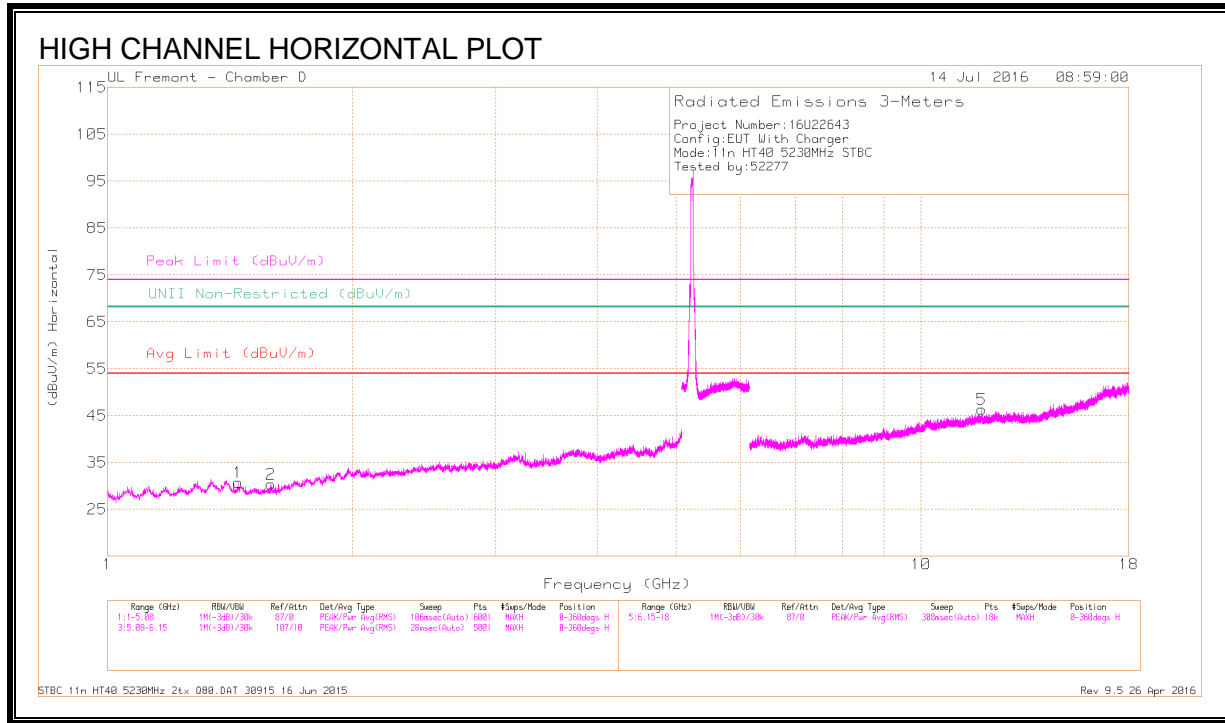
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.069	40.55	PK-U	27.5	-31.9	0	36.15	-	-	74	-37.85	-	-	298	328	H
	* 1.068	29.52	ADR	27.5	-31.9	.16	25.28	54	-28.72	-	-	-	-	298	328	H
2	* 1.231	40.94	PK-U	28.4	-32.2	0	37.14	-	-	74	-36.86	-	-	108	280	H
	* 1.232	29.55	ADR	28.4	-32.1	.16	26.01	54	-27.99	-	-	-	-	108	280	H
3	* 1.401	40.76	PK-U	29	-31.2	0	38.56	-	-	74	-35.44	-	-	262	283	V
	* 1.4	29.43	ADR	29	-31.2	.16	27.39	54	-26.61	-	-	-	-	262	283	V
4	* 1.593	43.37	PK-U	28	-31.6	0	39.77	-	-	74	-34.23	-	-	246	374	V
	* 1.593	31.09	ADR	28	-31.6	.16	27.65	54	-26.35	-	-	-	-	246	374	V
5	* 7.618	35.92	PK-U	35.8	-25.2	0	46.52	-	-	74	-27.48	-	-	333	209	H
	* 7.618	25.03	ADR	35.8	-25.2	.16	35.79	54	-18.21	-	-	-	-	333	209	H
6	* 7.697	36.28	PK-U	35.8	-24.3	0	47.78	-	-	74	-26.22	-	-	196	314	V
	* 7.695	24.74	ADR	35.8	-24.3	.16	36.4	54	-17.6	-	-	-	-	196	314	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Markers	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	* 1.447	39.56	PK-U	28.4	-31.4	0	36.56	-	-	74	-37.44	-	-	48	357	H
	* 1.447	28.82	ADR	28.4	-31.4	.16	25.98	54	-28.02	-	-	-	-	48	357	H
2	* 1.589	40.43	PK-U	28	-31.6	0	36.83	-	-	74	-37.17	-	-	341	269	H
	* 1.589	29.05	ADR	28	-31.6	.16	25.61	54	-28.39	-	-	-	-	341	269	H
3	* 1.615	40.35	PK-U	28.2	-31.5	0	37.05	-	-	74	-36.95	-	-	303	316	V
	* 1.614	29.17	ADR	28.2	-31.5	.16	26.03	54	-27.97	-	-	-	-	303	316	V
4	* 2.29	40.61	PK-U	31.4	-30.5	0	41.51	-	-	74	-32.49	-	-	63	365	V
	* 2.29	28.38	ADR	31.4	-30.5	.16	29.44	54	-24.56	-	-	-	-	63	365	V
5	* 11.878	34.16	PK-U	38.8	-21.3	0	51.66	-	-	74	-22.34	-	-	0	374	H
	* 11.879	23.52	ADR	38.8	-21.3	.16	41.18	54	-12.82	-	-	-	-	0	374	H
6	* 12.271	33.68	PK-U	39	-21.2	0	51.48	-	-	74	-22.52	-	-	51	248	V
	* 12.269	23.29	ADR	39	-21.2	.16	41.25	54	-12.75	-	-	-	-	51	248	V

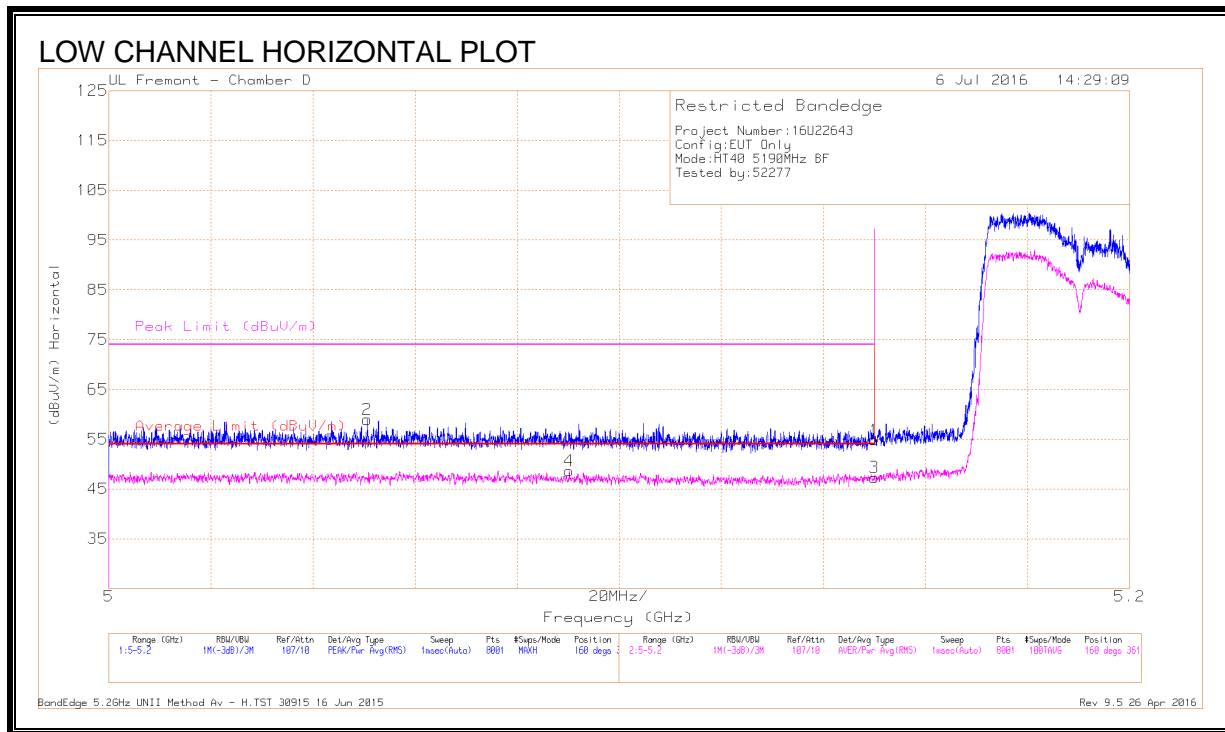
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.9. 802.11ac VHT40 2Tx BEAM FORMING MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



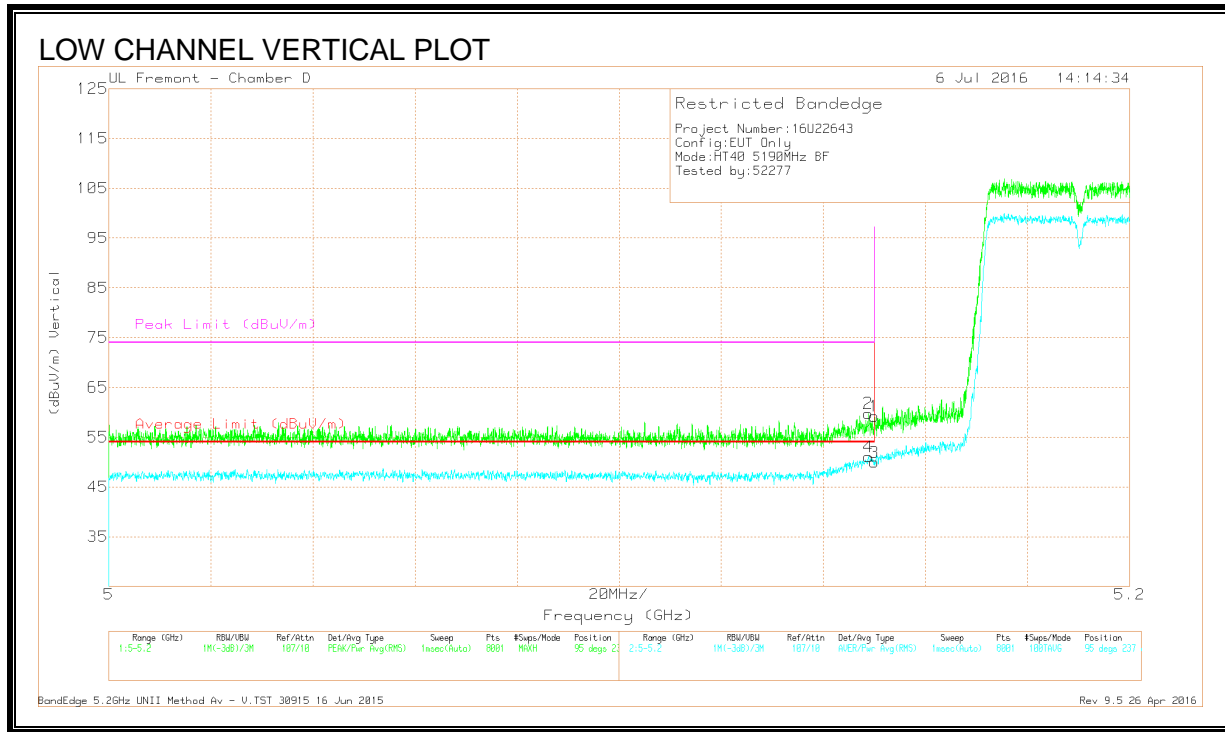
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/C bl/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
2	* 5.051	42.96	Pk	34	-18	0	58.96	-	-	74	-15.04	160	361	H
4	* 5.09	32.61	RMS	34	-18.1	.12	48.63	54	-5.37	-	-	160	361	H
1	5.15	38.94	PK	34.1	-18.2	0	54.84	-	-	74	-19.16	160	361	H
3	5.15	31.3	RMS	34.1	-18.2	.12	47.32	54	-6.68	-	-	160	361	H

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

Pk - Peak detector

RMS - RMS detection



DATA

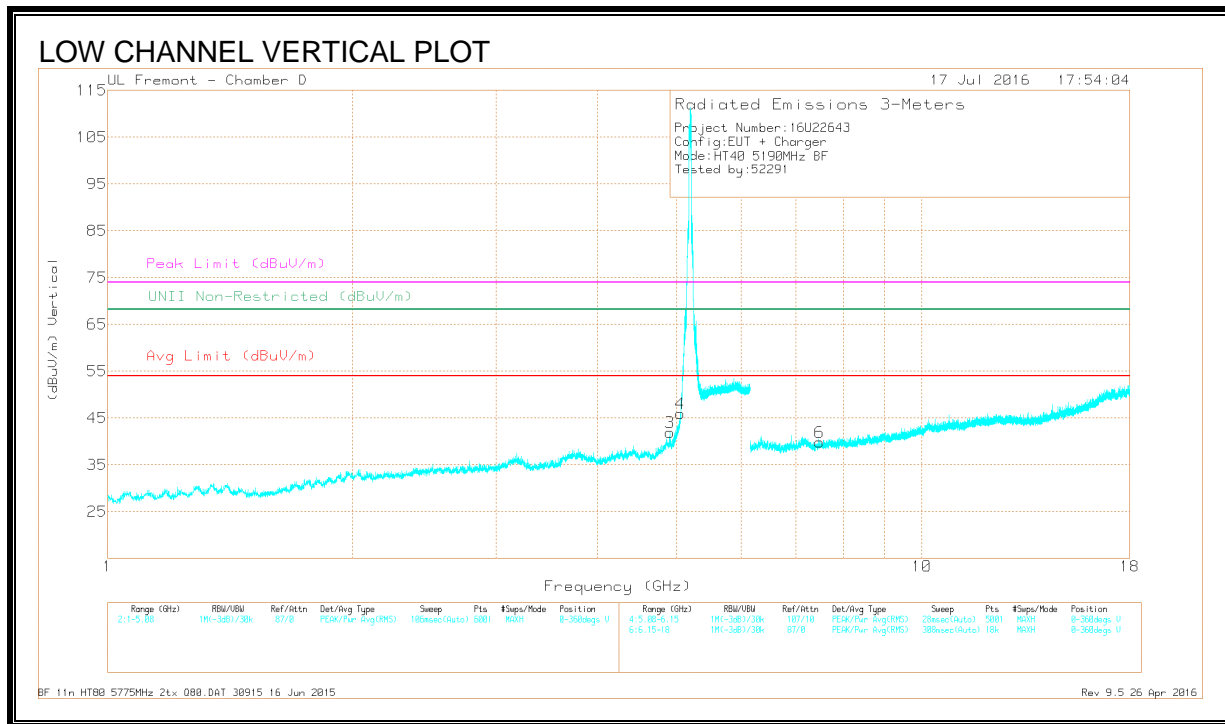
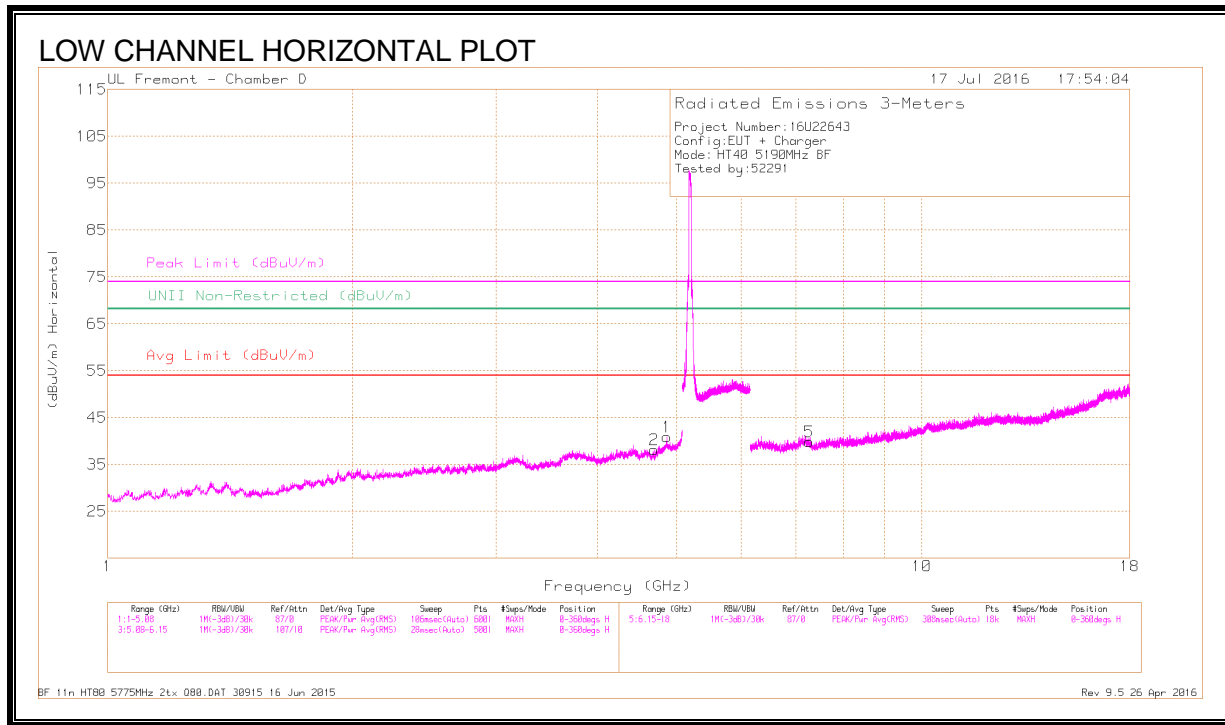
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb I/Filtr/PA d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azi mut h (Degs)	Height (cm)	Polarity
2	* 5.149	43.87	Pk	34.1	-18.2	0	59.77	-	-	74	-14.23	95	237	V
4	* 5.149	35.04	RMS	34.1	-18.2	.12	51.06	54	-2.94	-	-	95	237	V
1	5.15	43.31	Pk	34.1	-18.2	0	59.21	-	-	74	-14.79	95	237	V
3	5.15	33.94	RMS	34.1	-18.2	.12	49.96	54	-4.04	-	-	95	237	V

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

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

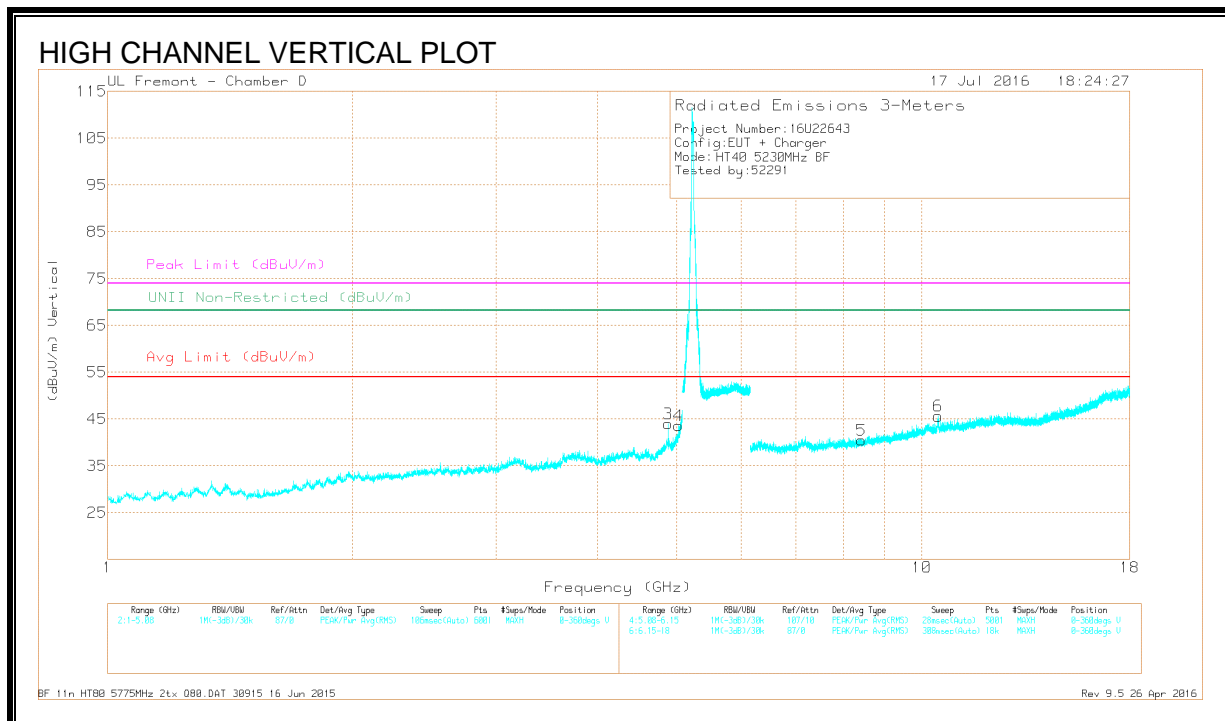
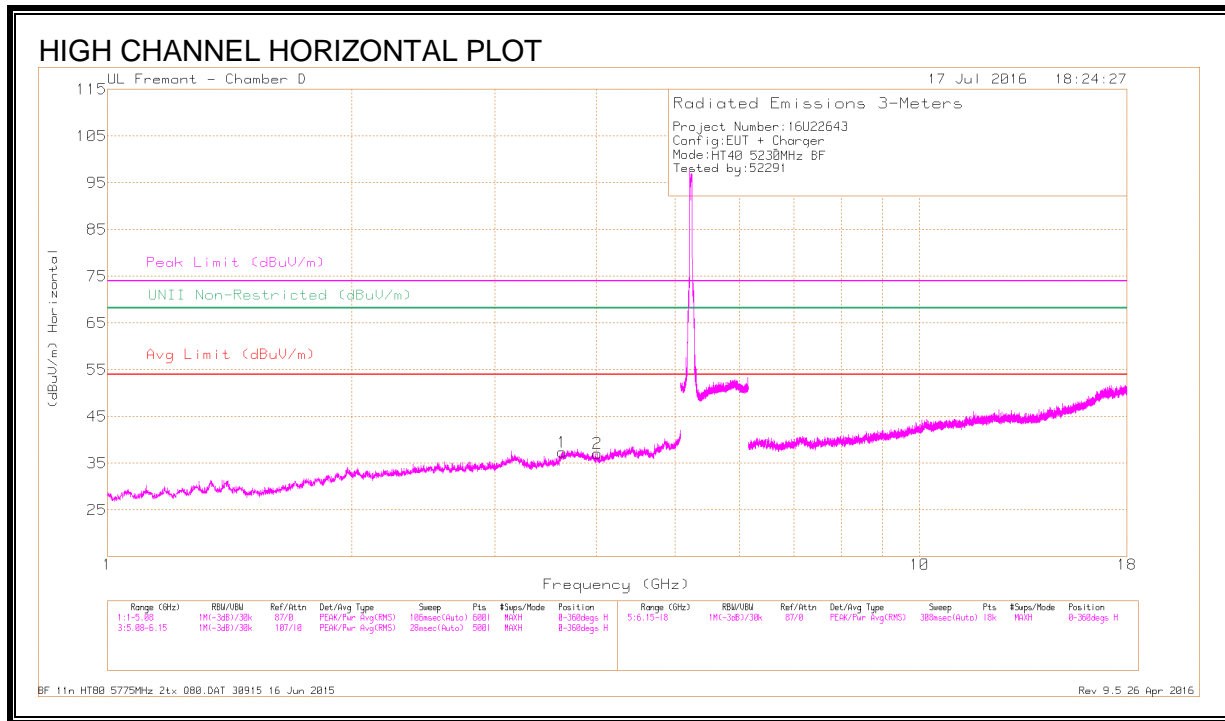
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Cor r (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margi n (dB)	Peak Limit (dBuV/m)	PK Margi n (dB)	UNII Non-Restrict ed (dBuV/m)	PK Mar gin (dB)	Azi mu th (Degs)	Hei ght (cm)	Pola rity
1	* 4.863	36.69	PK-U	34.1	-25.2	0	45.59	-	-	74	-28.41	-	-	283	369	H
	* 4.863	26.18	ADR	34.1	-25.2	.12	35.2	54	-18.8	-	-	-	-	283	369	H
2	* 4.689	38.18	PK-U	34	-28	0	44.18	-	-	74	-29.82	-	-	260	323	H
	* 4.692	27.56	ADR	34	-28	.12	33.68	54	-20.32	-	-	-	-	260	323	H
3	* 4.901	37.21	PK-U	34.1	-25.6	0	45.71	-	-	74	-28.29	-	-	216	293	V
	* 4.9	26.72	ADR	34.1	-25.6	.12	35.34	54	-18.66	-	-	-	-	216	293	V
4	* 5.049	48.72	PK-U	34	-25.5	0	57.22	-	-	74	-16.78	-	-	88	258	V
	* 5.049	33.25	ADR	34	-25.5	.12	41.87	54	-12.13	-	-	-	-	88	258	V
5	* 7.268	35.49	PK-U	35.7	-24.5	0	46.69	-	-	74	-27.31	-	-	135	221	H
	* 7.268	25.44	ADR	35.7	-24.5	.12	36.76	54	-17.24	-	-	-	-	135	221	H
6	* 7.48	35.06	PK-U	35.7	-24.1	0	46.66	-	-	74	-27.34	-	-	78	103	V
	* 7.479	24.4	ADR	35.7	-24.1	.12	36.12	54	-17.88	-	-	-	-	78	103	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

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	* 3.628	38.61	PK-U	33.4	-28.9	0	43.11	-	-	74	-30.89	-	-	76	237	H
	* 3.627	27.41	ADR	33.4	-28.8	.12	32.13	54	-21.87	-	-	-	-	76	237	H
2	* 4.012	37.21	PK-U	33.3	-28.1	0	42.41	-	-	74	-31.59	-	-	144	188	H
	* 4.013	27.55	ADR	33.3	-28.1	.12	32.87	54	-21.13	-	-	-	-	144	188	H
3	* 4.881	39.91	PK-U	34.1	-25.2	0	48.81	-	-	74	-25.19	-	-	104	203	V
	* 4.881	29.64	ADR	34.1	-25.2	.12	38.66	54	-15.34	-	-	-	-	104	203	V
4	* 5.027	38.16	PK-U	34	-25.5	0	46.66	-	-	74	-27.34	-	-	158	196	V
	* 5.029	27.91	ADR	34	-25.5	.12	36.53	54	-17.47	-	-	-	-	158	196	V
5	* 8.423	34.87	PK-U	35.8	-23.6	0	47.07	-	-	74	-26.93	-	-	172	142	V
	* 8.423	24.85	ADR	35.8	-23.6	.12	37.17	54	-16.83	-	-	-	-	172	142	V
6	10.461	33.32	PK-U	37.6	-21.4	0	49.52	-	-	-	-	68.2	-18.68	102	165	V
	10.461	23.63	ADR	37.6	-21.4	.12	39.95	-	-	-	-	-	-	102	165	V

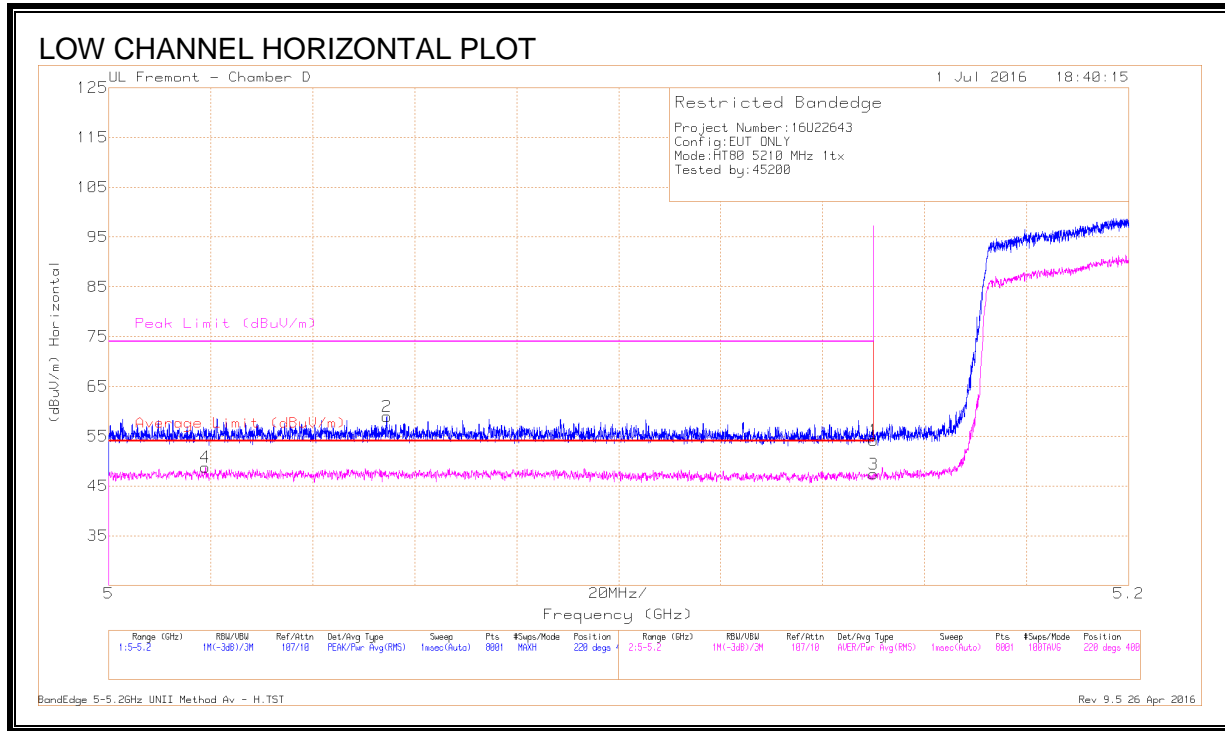
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.10. 802.11ac VHT80 1Tx MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE, CHAIN 0 (LOW CHANNEL, CH 42)



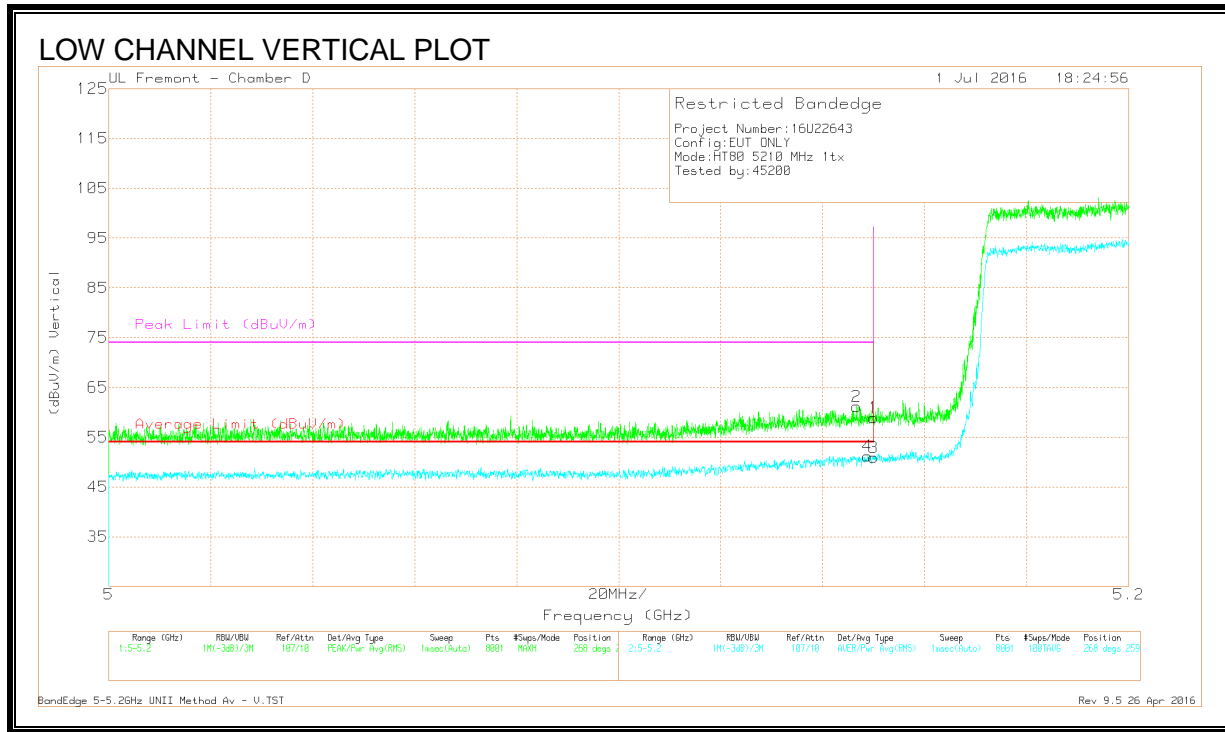
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (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
2	* 5.055	42.95	Pk	34	-18	0	58.95	-	-	74	-15.05	220	400	H
4	* 5.019	32.5	RMS	34	-17.9	.22	48.76	54	-5.24	-	-	220	400	H
1	5.15	38.29	Pk	34.1	-18.2	0	54.19	-	-	74	-19.81	220	400	H
3	5.15	31.34	RMS	34.1	-18.2	.22	47.4	54	-6.6	-	-	220	400	H

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

Pk - Peak detector

RMS - RMS detection



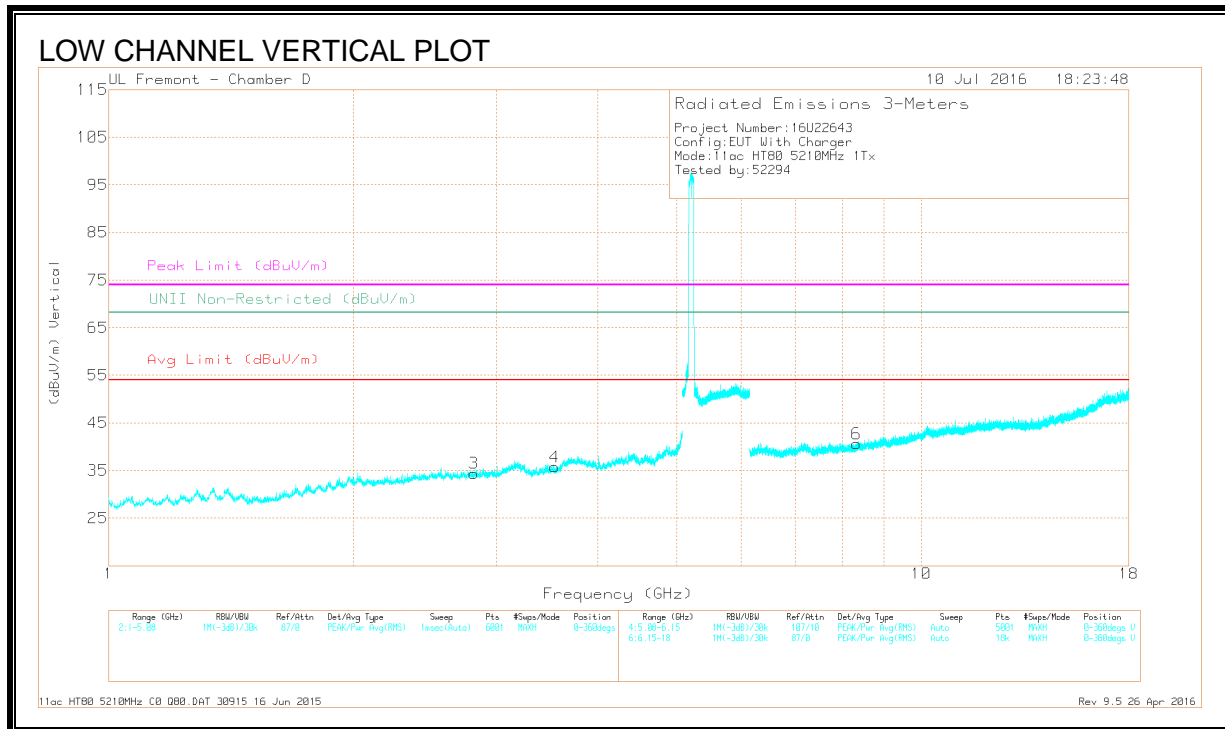
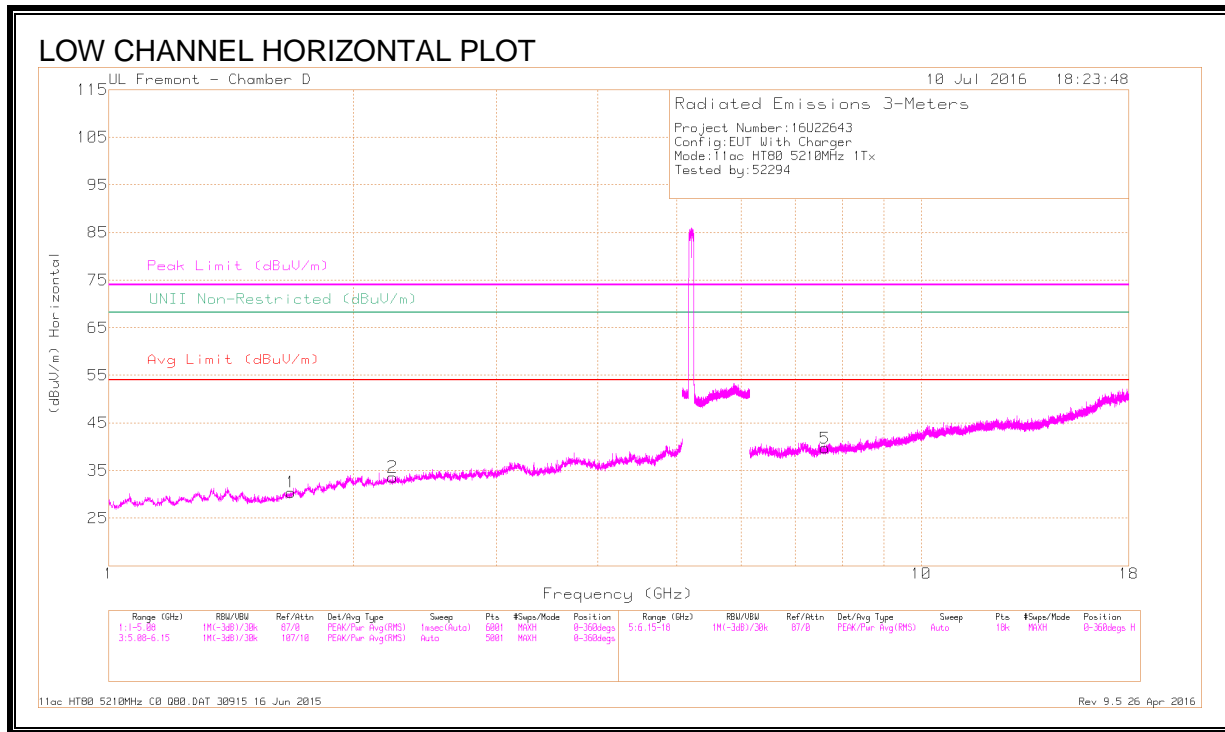
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (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
2	* 5.147	45.25	Pk	34.1	-18.2	0	61.15	-	-	74	-12.85	268	259	V
4	* 5.149	35.3	RMS	34.1	-18.2	.22	51.36	54	-2.64	-	-	268	259	V
1	5.15	43.01	Pk	34.1	-18.2	0	58.91	-	-	74	-15.09	268	259	V
3	5.15	35.05	RMS	34.1	-18.2	.22	51.11	54	-2.89	-	-	268	259	V

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

Pk - Peak detector
 RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

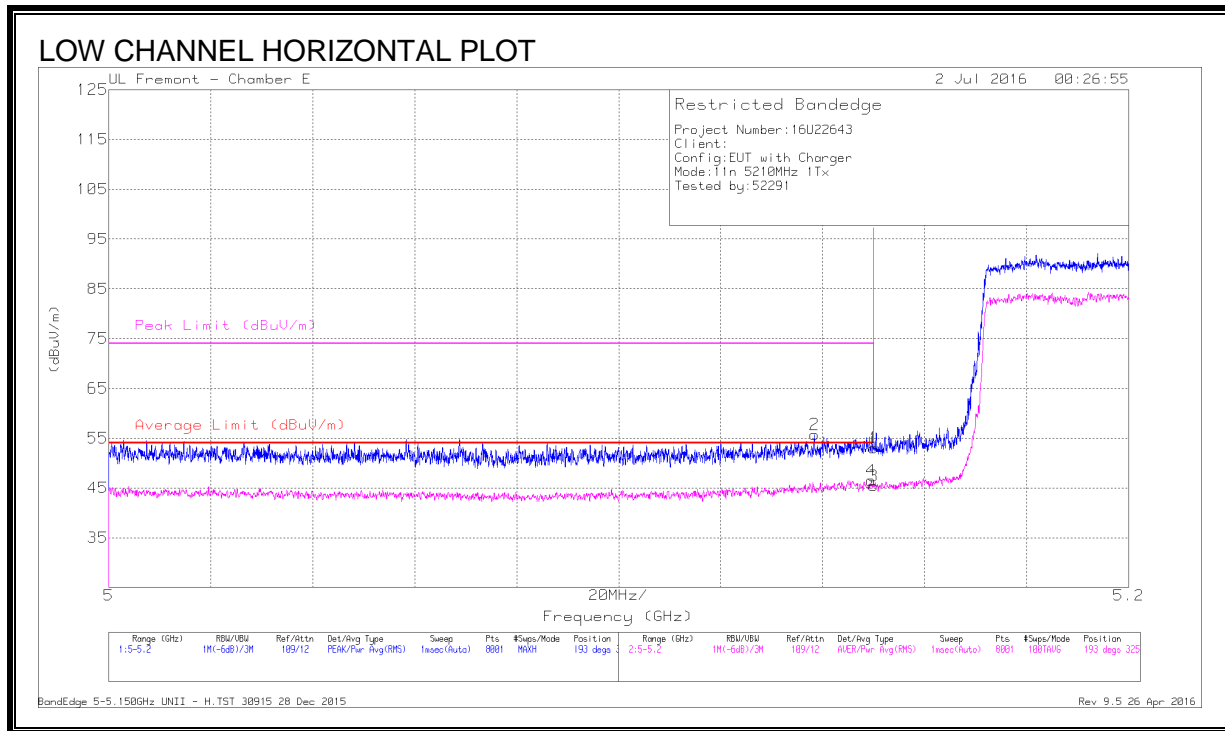
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Cor (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.675	40.26	PK-U	28.8	-31	0	38.06	-	-	74	-35.94	-	-	286	376	H
	* 1.676	28.75	ADR	28.8	-31	.22	26.71	54	-27.29	-	-	-	-	286	376	H
2	* 2.236	39.58	PK-U	31.5	-30.7	0	40.38	-	-	74	-33.62	-	-	182	330	H
	* 2.237	28.91	ADR	31.5	-30.7	.22	29.87	54	-24.13	-	-	-	-	182	330	H
4	* 2.813	38.96	PK-U	32.3	-29.3	0	41.96	-	-	74	-32.04	-	-	151	248	V
	* 2.814	28.06	ADR	32.3	-29.3	.22	31.22	54	-22.78	-	-	-	-	151	248	V
5	* 3.54	38.69	PK-U	33.1	-29	0	42.79	-	-	74	-31.21	-	-	272	201	V
	* 3.538	27.86	ADR	33.1	-29	.22	32.12	54	-21.88	-	-	-	-	272	201	V
3	* 7.615	36.28	PK-U	35.8	-25.2	0	46.88	-	-	74	-27.12	-	-	111	318	H
	* 7.613	25.54	ADR	35.8	-25.2	.22	36.3	54	-17.7	-	-	-	-	111	318	H
6	* 8.323	34.43	PK-U	35.8	-23.7	0	46.53	-	-	74	-27.47	-	-	177	133	V
	* 8.321	24.88	ADR	35.8	-23.8	.22	37.04	54	-16.96	-	-	-	-	177	133	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

RESTRICTED BANDEDGE, CHAIN 1 (LOW CHANNEL, CH 42)

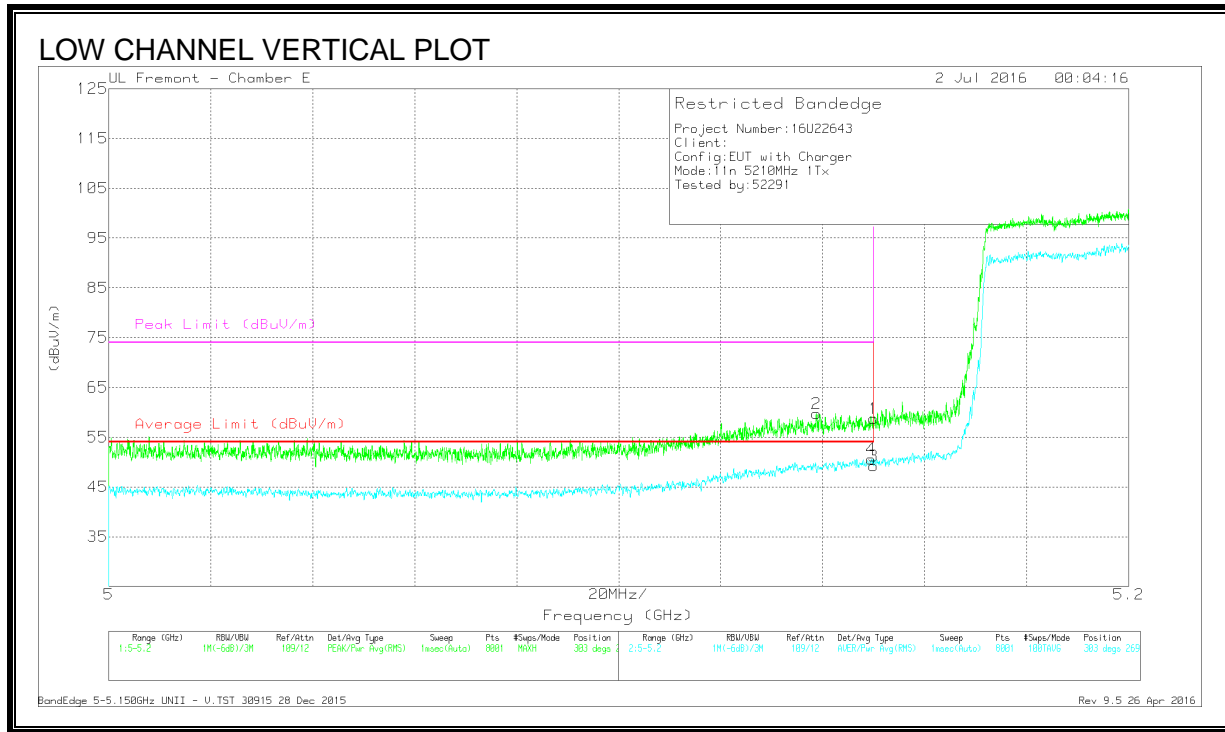


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
2	* 5.138	40.44	Pk	34.1	-18.8	0	55.74	-	-	74	-18.26	193	325	H
4	* 5.15	31.4	RMS	34.1	-19	.22	46.72	54	-7.28	-	-	193	325	H
1	5.15	37.93	Pk	34.1	-19	0	53.03	-	-	74	-20.97	193	325	H
3	5.15	30.33	RMS	34.1	-19	.22	45.77	54	-8.23	-	-	193	325	H

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

Pk - Peak detector
 RMS - RMS detection



DATA

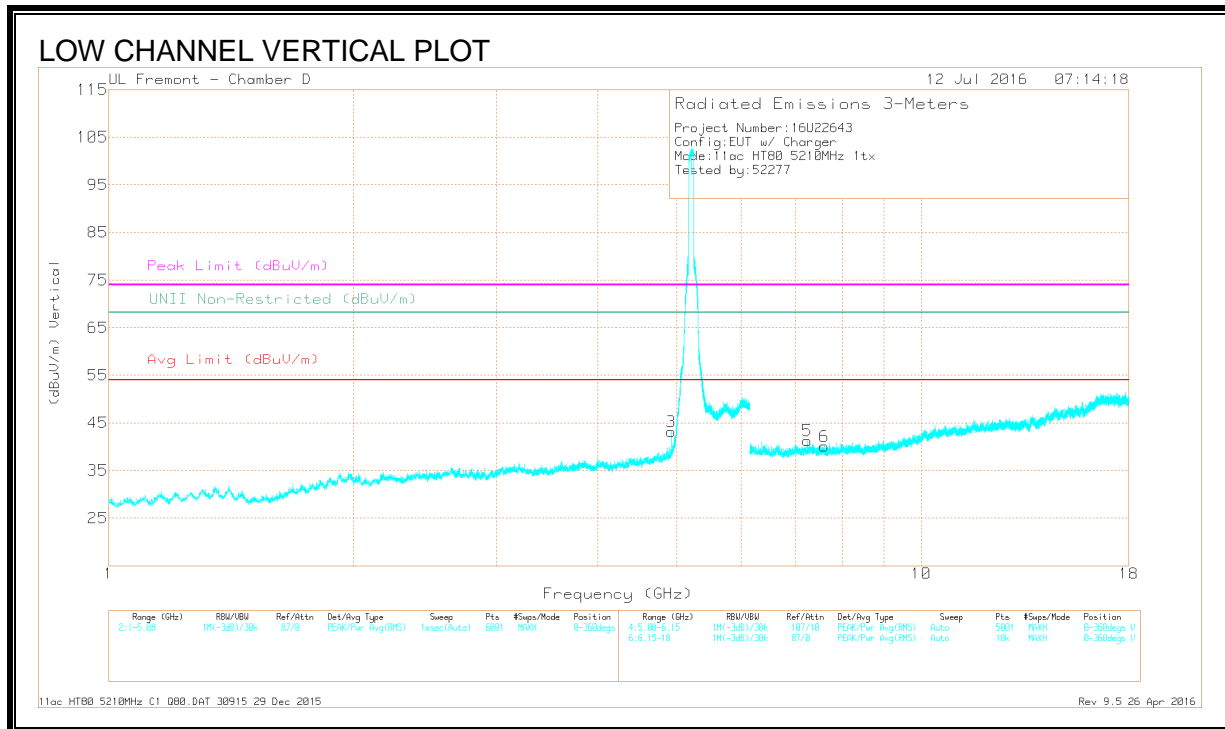
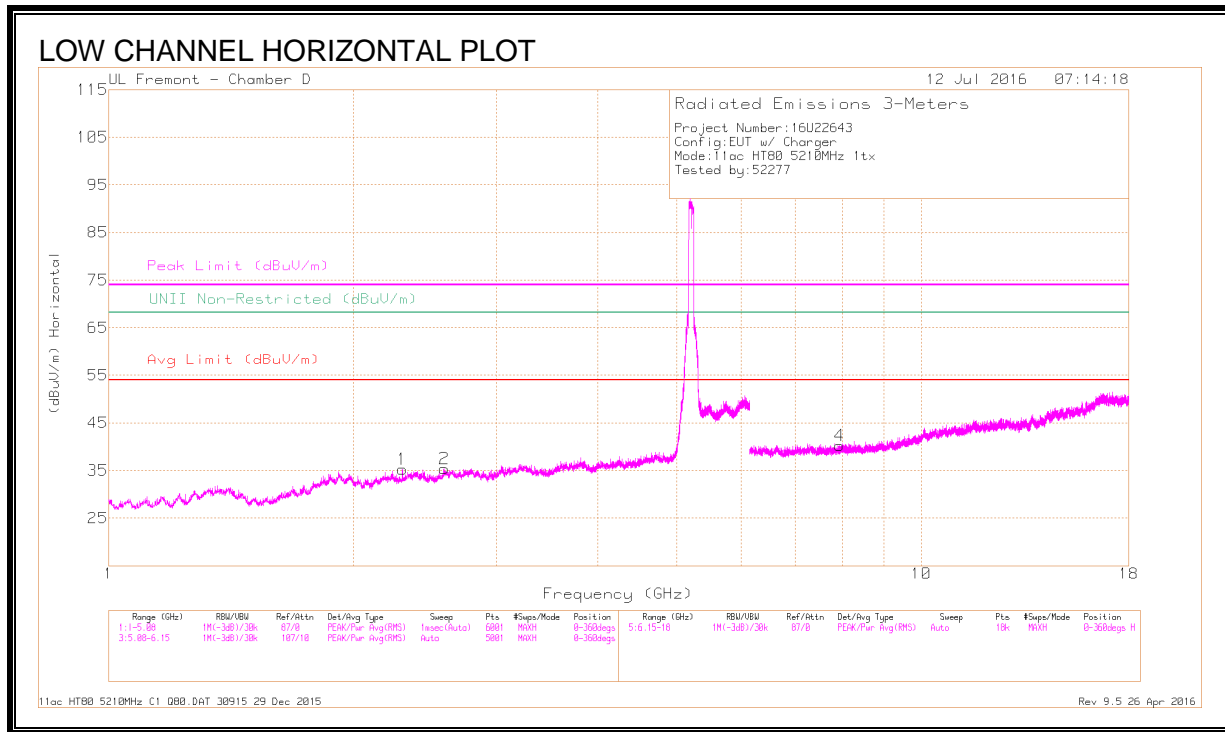
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/FI tr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
2	* 5.139	44.43	Pk	34.1	-18.8	0	59.73	-	-	74	-14.27	303	269	V
4	* 5.15	35.49	RMS	34.1	-19	.22	50.81	54	-3.63	-	-	303	269	V
1	5.15	43.63	Pk	34.1	-19	0	58.73	-	-	74	-15.27	303	269	V
3	5.15	34.12	RMS	34.1	-19	.22	49.44	54	-4.56	-	-	303	269	V

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

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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 (Degrees)	Height (cm)	Polarization
1	* 2.299	42.56	PK-U	31.4	-33.5	0	40.46	-	-	74	-33.54	-	-	258	385	H
	* 2.299	31.82	ADR	31.4	-33.5	.22	29.88	54	-24.12	-	-	-	-	258	385	H
3	* 4.92	44.45	PK-U	34	-29.4	0	49.05	-	-	74	-24.95	-	-	140	212	V
	* 4.921	36.74	ADR	34	-29.4	.22	41.5	54	-12.5	-	-	-	-	140	212	V
6	* 7.478	35.48	PK-U	35.5	-27.4	0	43.58	-	-	74	-30.42	-	-	151	134	H
	* 7.479	25.22	ADR	35.5	-27.4	.22	33.48	54	-20.52	-	-	-	-	151	134	H
2	2.587	41.94	PK-U	32.5	-32	0	42.44	-	-	-	-	68.2	-25.76	144	353	H
5	7.245	38.53	PK-U	35.6	-27.4	0	46.73	-	-	-	-	68.2	-21.47	58	300	V
4	7.929	38.63	PK-U	35.7	-27.6	0	46.73	-	-	-	-	68.2	-21.47	18	294	H

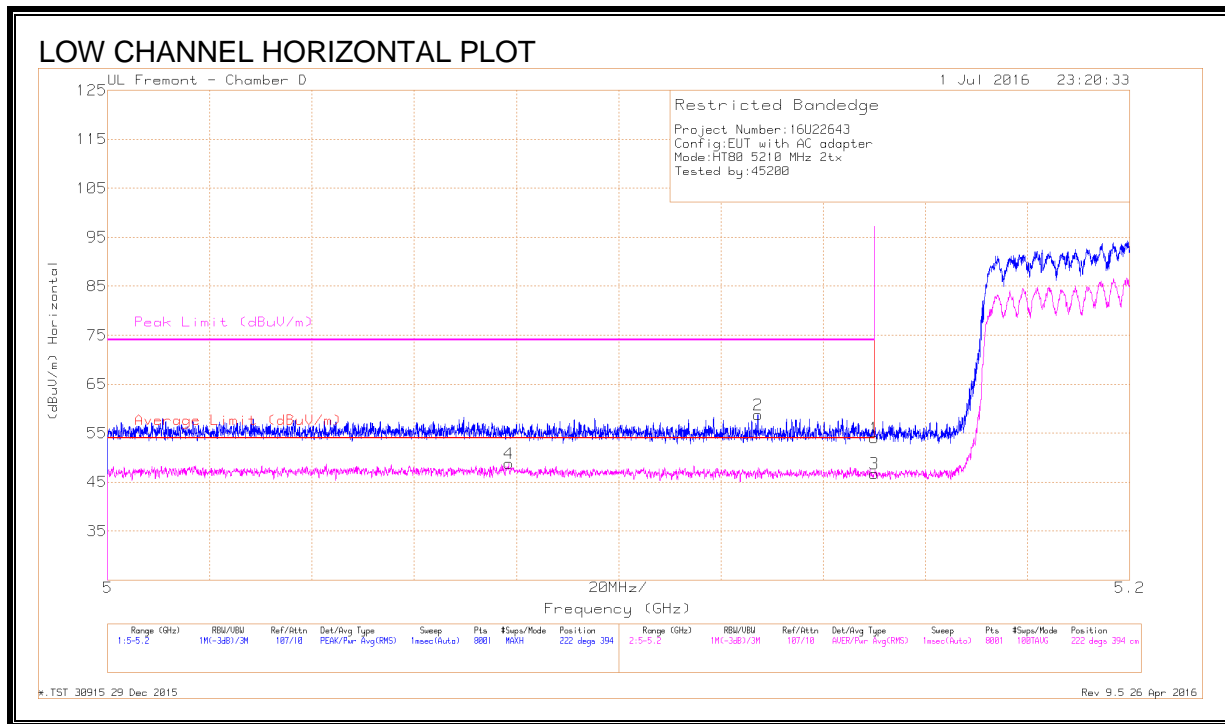
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

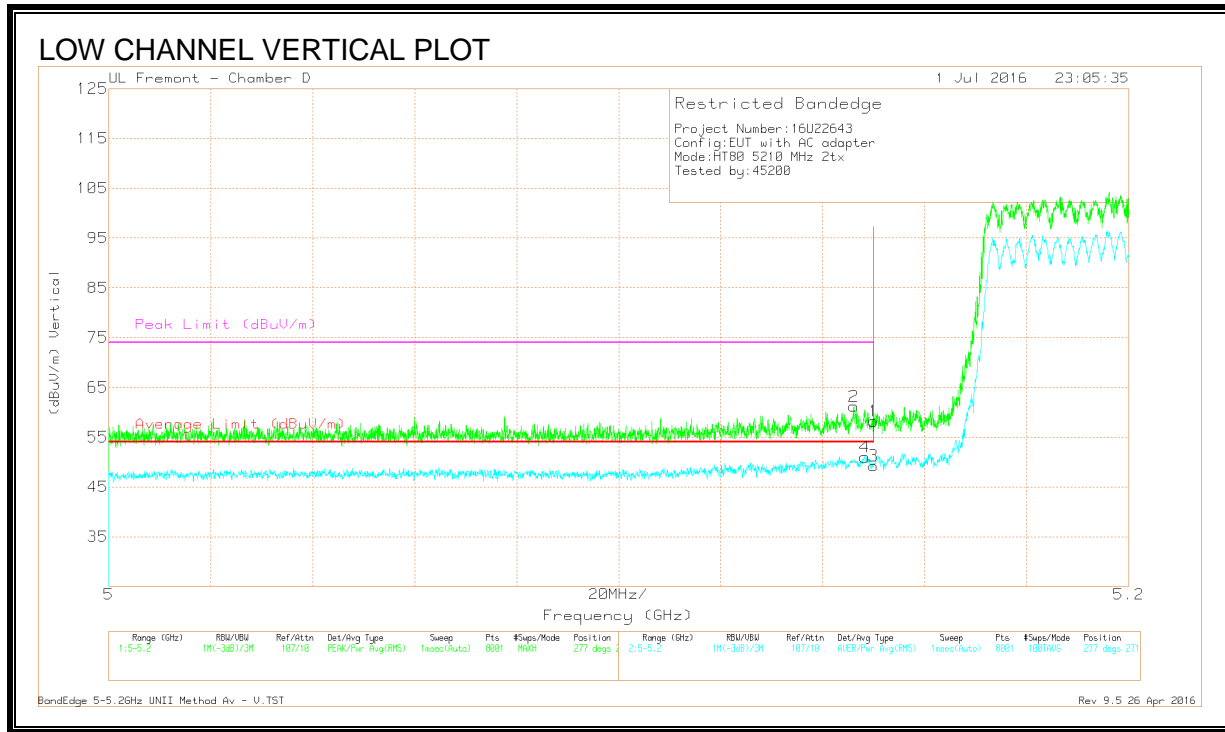
9.11. 802.11ac VHT80 2Tx CDD MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL, CH 42)



DATA

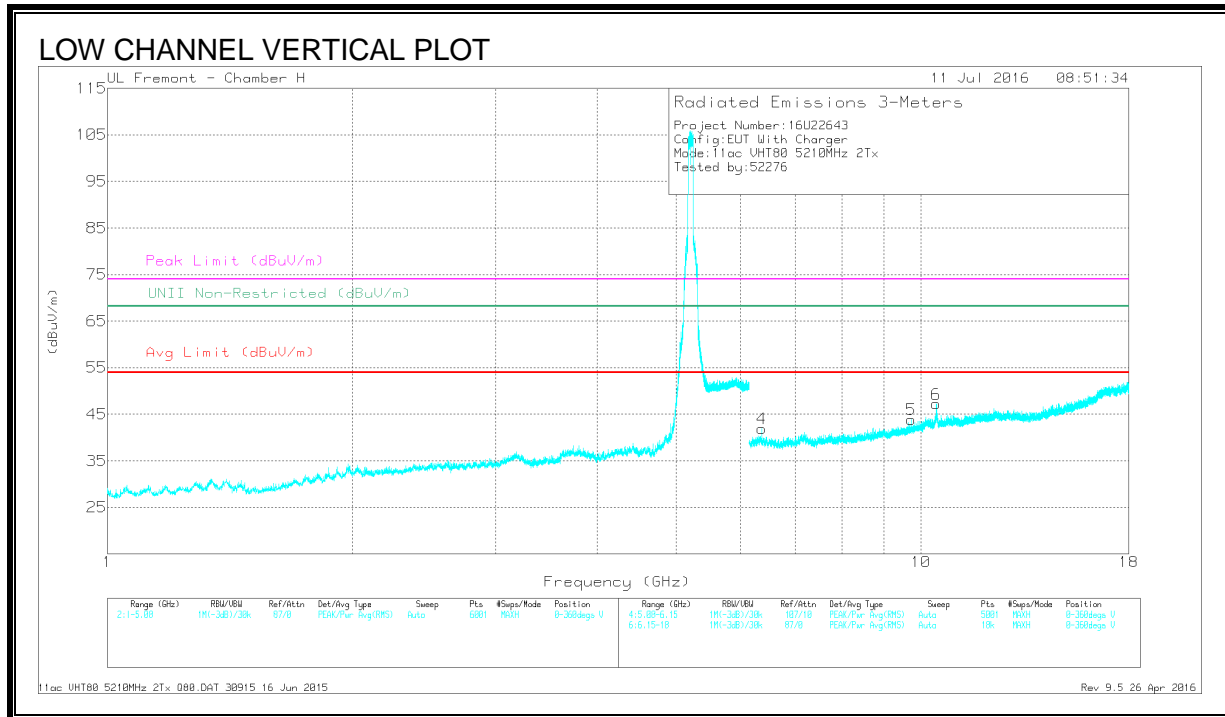
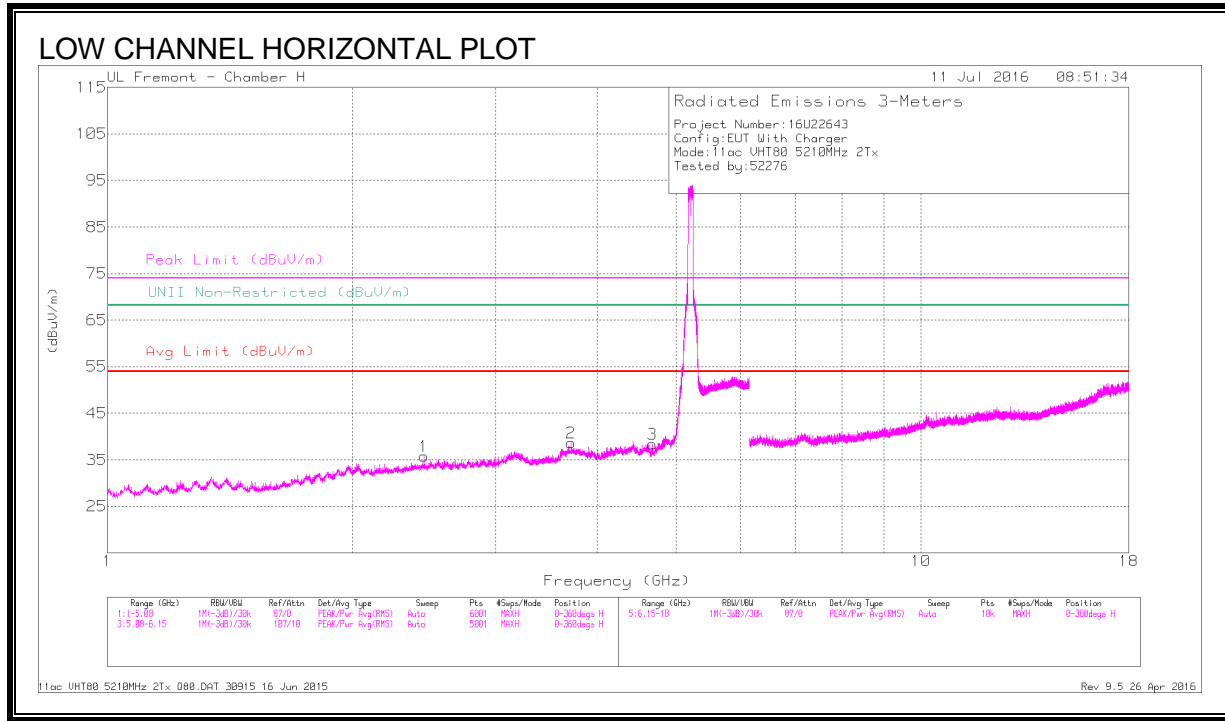
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
2	* 5.127	42.89	Pk	34.1	-18.2	0	58.79	-	-	74	-15.21	222	394	H
4	* 5.078	32.85	RMS	34	-18	.21	48.99	54	-5.01	-	-	222	394	H
1	5.15	38.08	Pk	34.1	-18.2	0	53.98	-	-	74	-20.02	222	394	H
3	5.15	30.85	RMS	34.1	-18.2	.21	46.96	54	-7.04	-	-	222	394	H



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (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
2	* 5.146	45.28	Pk	34.1	-18.2	0	61.18	-	-	74	-12.82	277	271	V
4	* 5.148	35.11	RMS	34.1	-18.2	.21	51.22	54	-2.78	-	-	277	271	V
1	5.15	42.32	Pk	34.1	-18.2	0	58.22	-	-	74	-15.78	277	271	V
3	5.15	33.36	RMS	34.1	-18.2	.21	49.47	54	-4.53	-	-	277	271	V

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

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
2	* 3.718	38.05	PK-U	33.5	-28.9	0	42.65	-	-	74	-31.35	-	-	133	107	H
	* 3.717	28.23	ADR	33.5	-28.9	.21	32.94	54	-21.06	-	-	-	-	133	107	H
3	* 4.675	38.27	PK-U	34.1	-27.7	0	44.67	-	-	74	-29.33	-	-	133	107	H
	* 4.673	28.16	ADR	34.1	-27.7	.21	34.77	54	-19.23	-	-	-	-	133	107	H
3	2.45	40.12	PK-U	32.2	-30.5	0	41.82	-	-	-	-	68.2	-26.38	133	107	H
	2.45	39.51	PK-U	32.2	-30.5	0	41.21	-	-	-	-	68.2	-26.99	133	107	H
4	6.369	36.43	PK-U	35.7	-25.7	0	46.43	-	-	-	-	68.2	-21.77	225	102	V
5	9.731	33.76	PK-U	36.8	-21.8	0	48.76	-	-	-	-	68.2	-19.44	225	102	V
6	10.438	33.18	PK-U	37.6	-21.4	0	49.38	-	-	-	-	68.2	-18.82	279	288	V
	10.592	39.11	PK-U	37.8	-21	0	55.91	-	-	-	-	68.2	-12.29	133	107	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