

9.15.4. 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.

DIRECTIONAL ANTENNA GAIN

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

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
3.5	1.9	2.77

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Low	5755	2.77	30.00
High	5795	2.77	30.00

Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd Power
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	6.92	6.59	9.90	30.00	-20.10
High	5795	7.75	6.79	10.44	30.00	-19.56

9.15.5. Maximum Power Spectral Density (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.

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

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
3.5	1.9	2.77

RESULTS

Antenna Gain and Limit

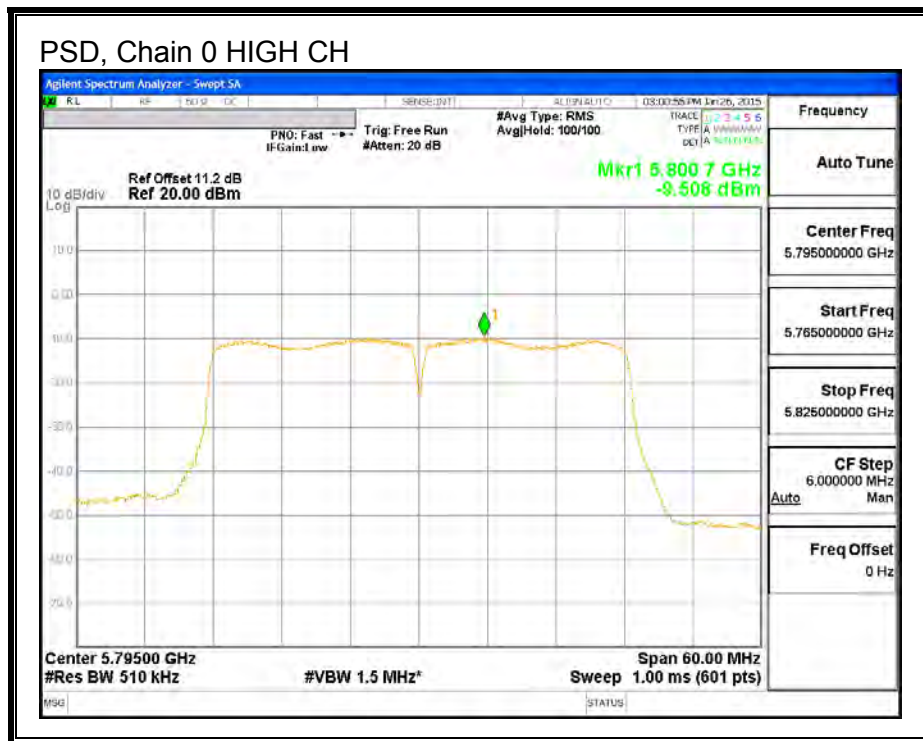
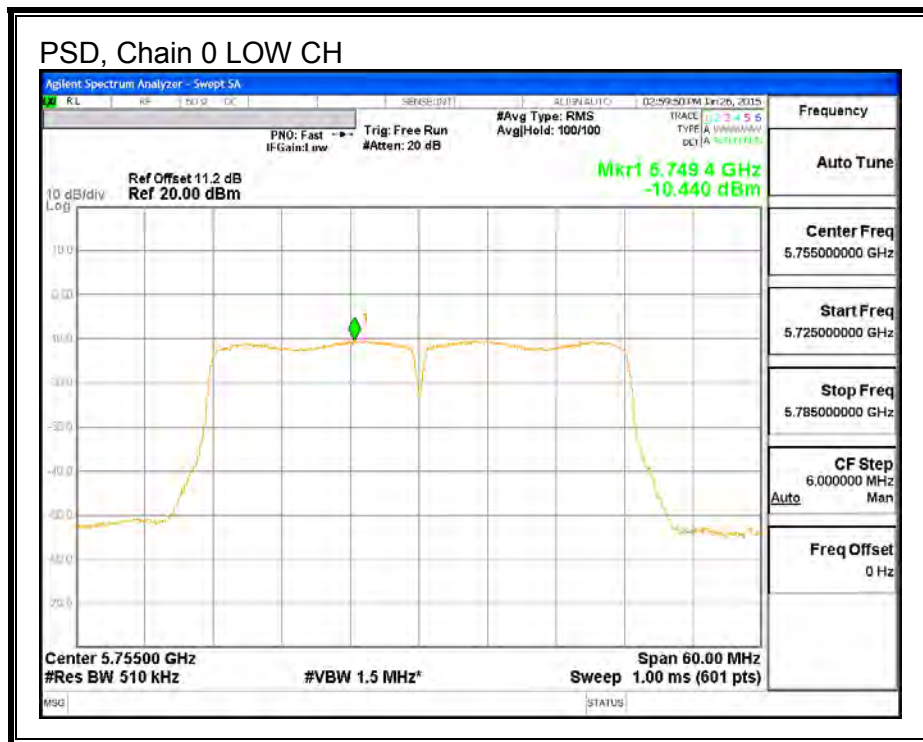
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Low	5755	2.77	30.00
High	5795	2.77	30.00

Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd PSD
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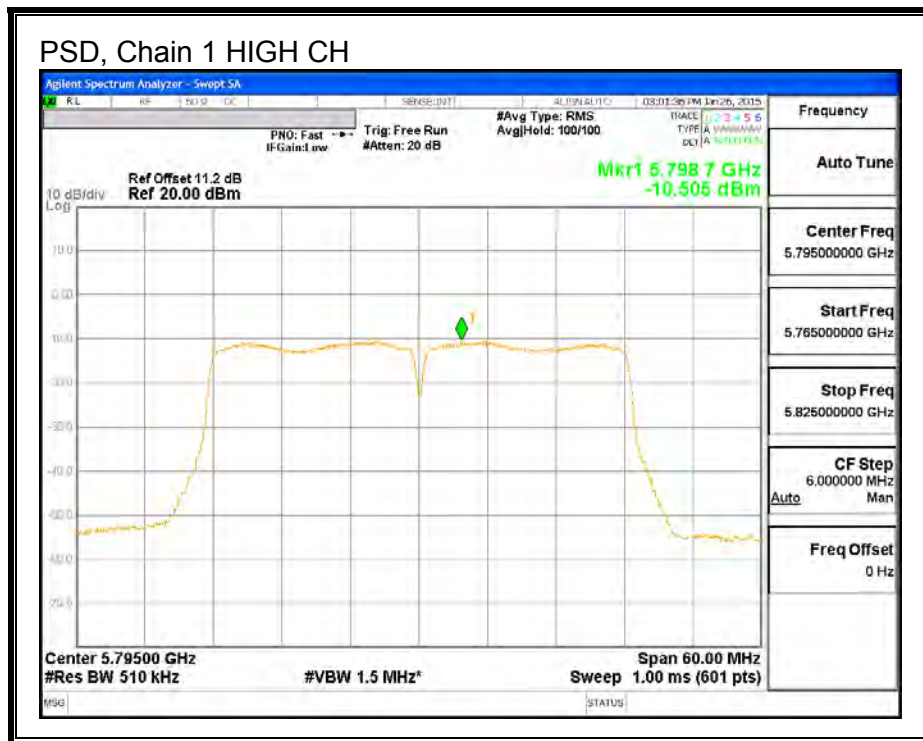
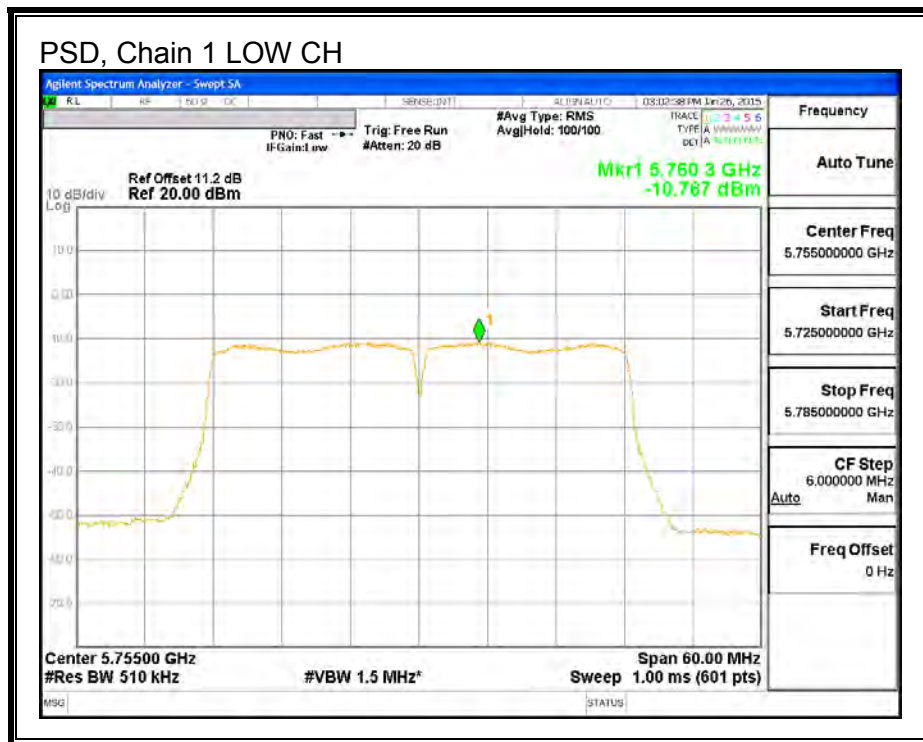
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	-10.440	-10.767	-7.46	30.00	-37.46
High	5795	-9.508	-10.505	-6.84	30.00	-36.84

PSD, Chain 0



PSD, Chain 1



9.16. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

9.16.1. 6 dB BANDWIDTH

LIMITS

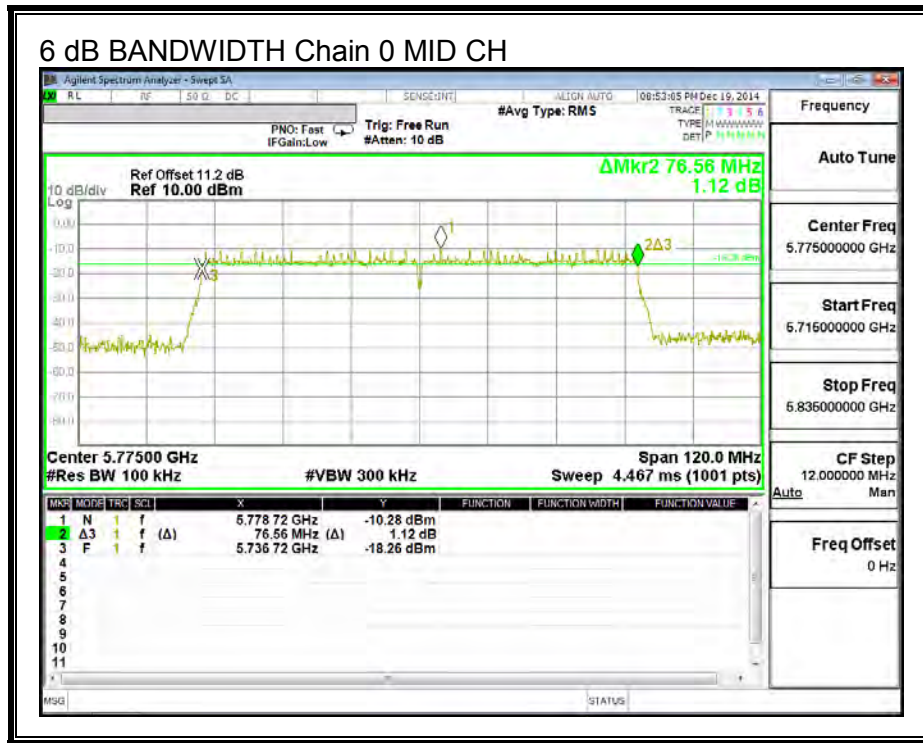
FCC §15.407 (e)

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

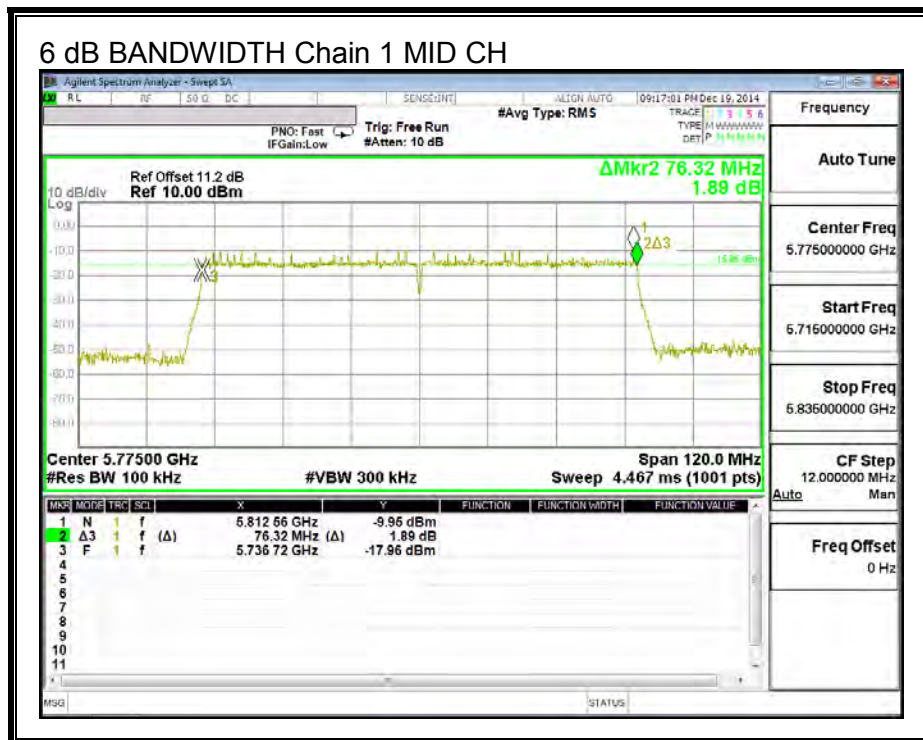
RESULTS

Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Mid	5775	76.5800	76.3200	0.5

6 dB BANDWIDTH, Chain 0



6 dB BANDWIDTH, Chain 1



9.16.2. 26 dB BANDWIDTH

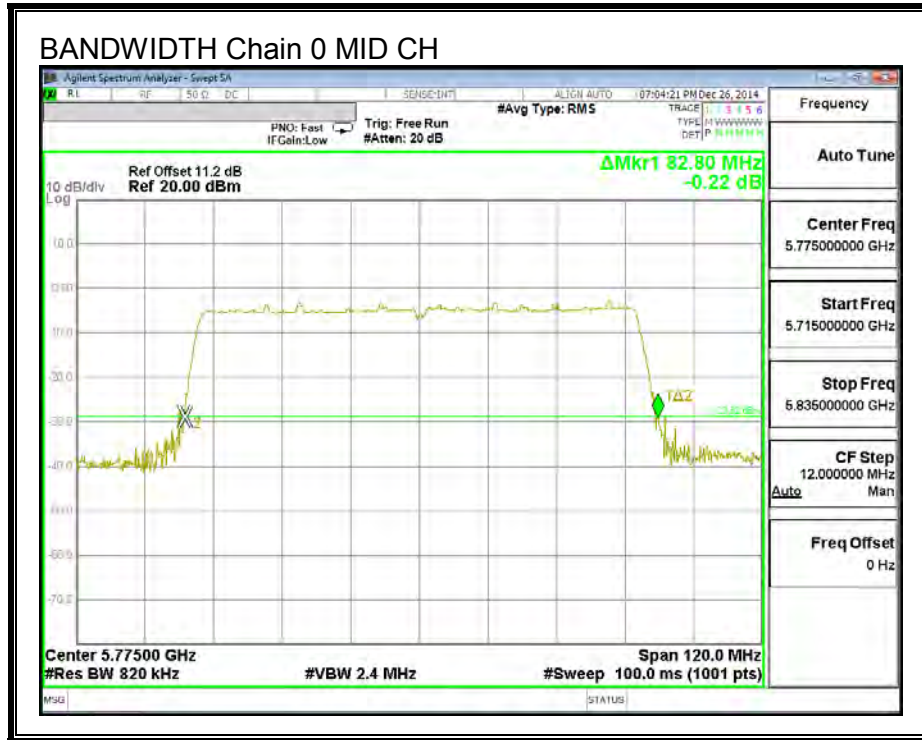
LIMITS

None; for reporting purposes only.

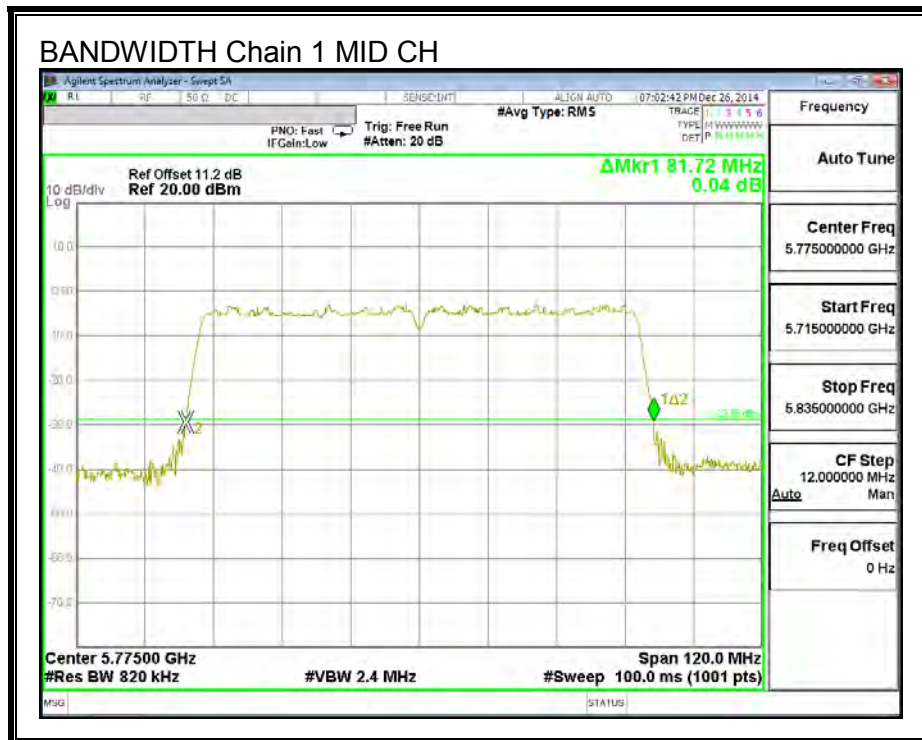
RESULTS

Channel	Frequency (MHz)	26 dB BW Chain 0 (MHz)	26 dB BW Chain 1 (MHz)
Mid	5775	82.80	81.72

26 dB BANDWIDTH, Chain 0



26 dB BANDWIDTH, Chain 1



9.16.3. 99% BANDWIDTH

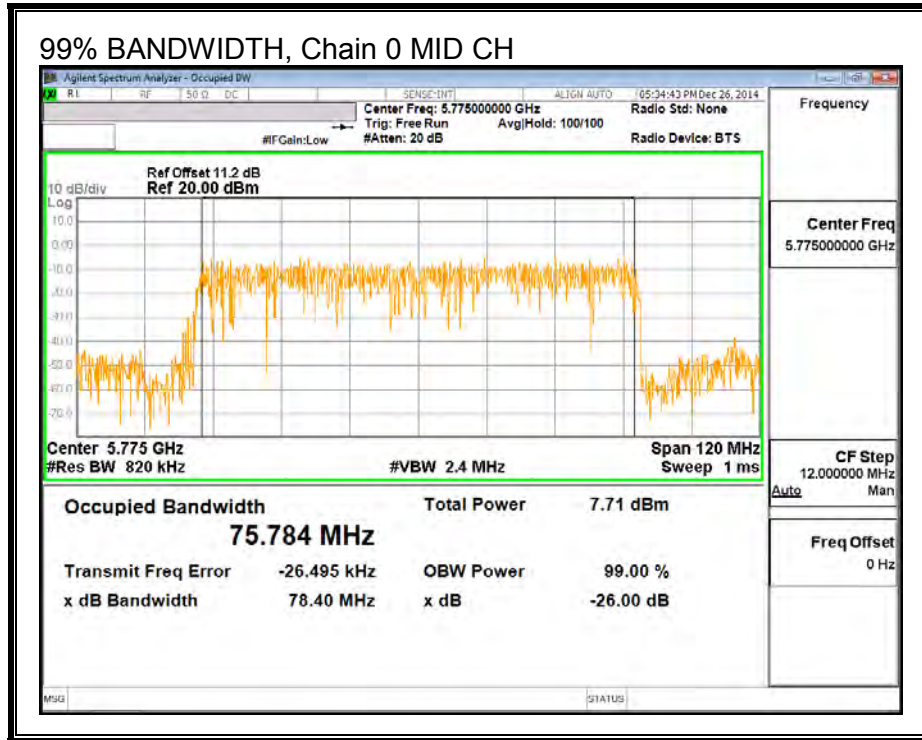
LIMITS

None; for reporting purposes only.

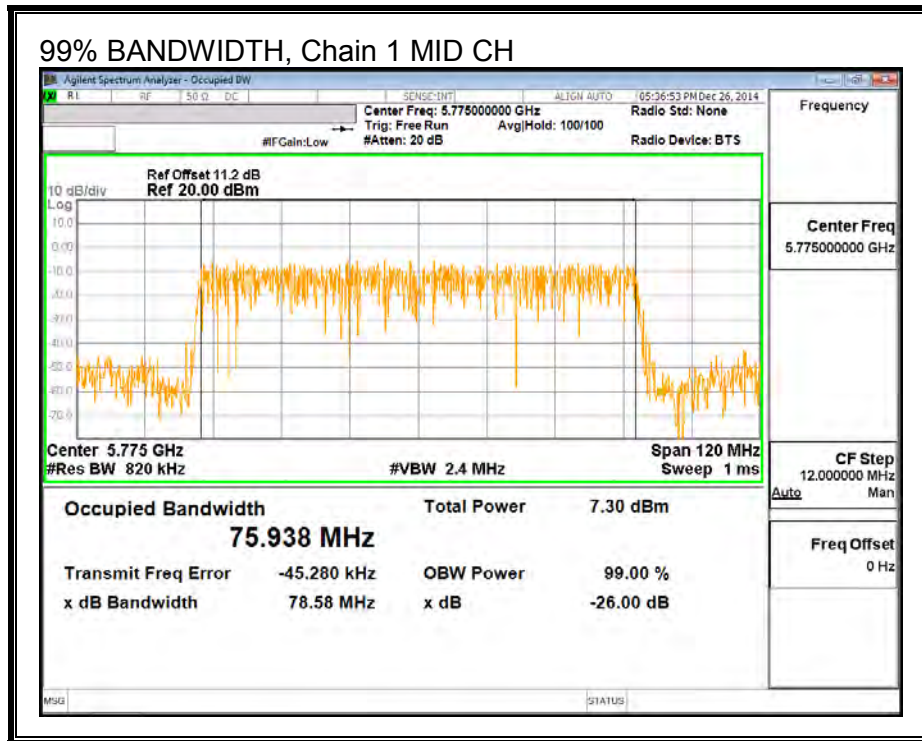
RESULTS

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Mid	5775	75.784	75.938

99% BANDWIDTH, Chain 0



99% BANDWIDTH, Chain 1



9.16.4. OUTPUT POWER

LIMITS

FCC §15.407 (a) (3)

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

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
3.5	1.9	2.77

RESULTS

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)
Mid	5775	2.77	30.00

Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd Power
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	6.42	5.58	9.29	30.00	-20.71

9.16.5. Maximum Power Spectral Density (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 uncorrelated and the antenna gain is unequal among the chains. The directional gain is:

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
3.5	1.9	2.77

RESULTS

Antenna Gain and Limit

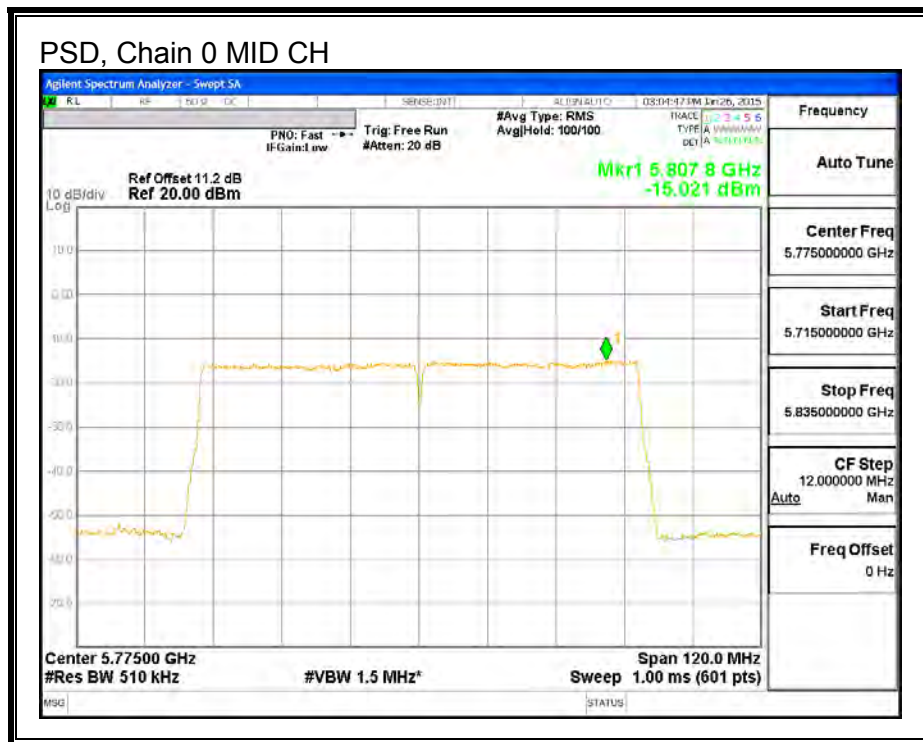
Channel	Frequency (MHz)	Directional Gain (dBi)	PSD Limit (dBm)
Mid	5755	2.77	30.00

Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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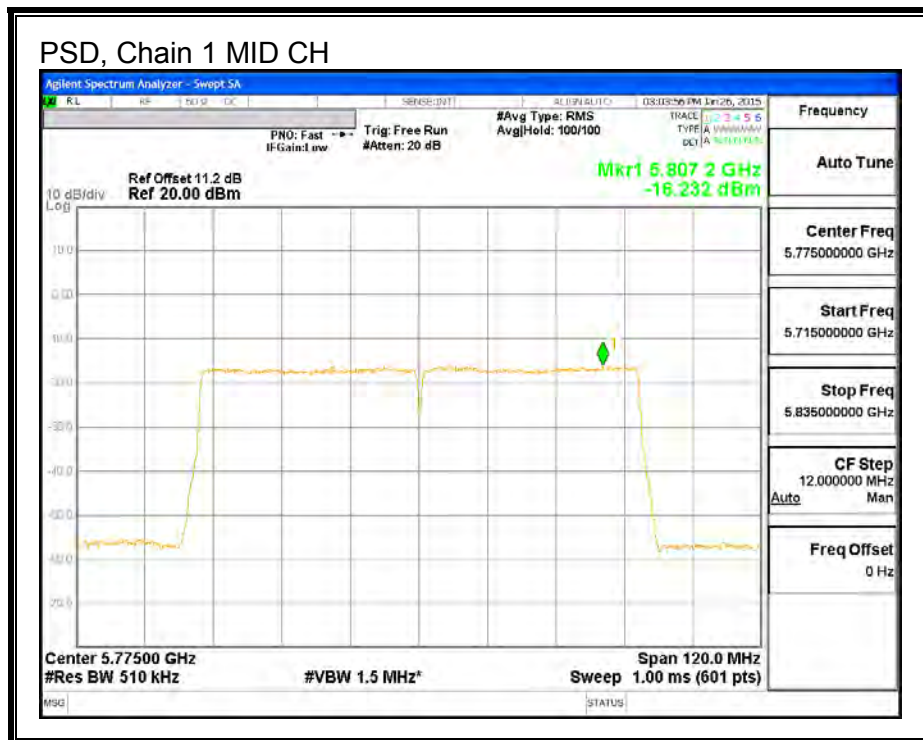
PSD Results

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	5755	-15.021	-16.232	-12.31	30.00	-42.31

PSD, Chain 0



PSD, Chain 1



10. RADIATED TEST RESULTS

10.1. 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. The antenna to EUT distance is 3 meters.

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

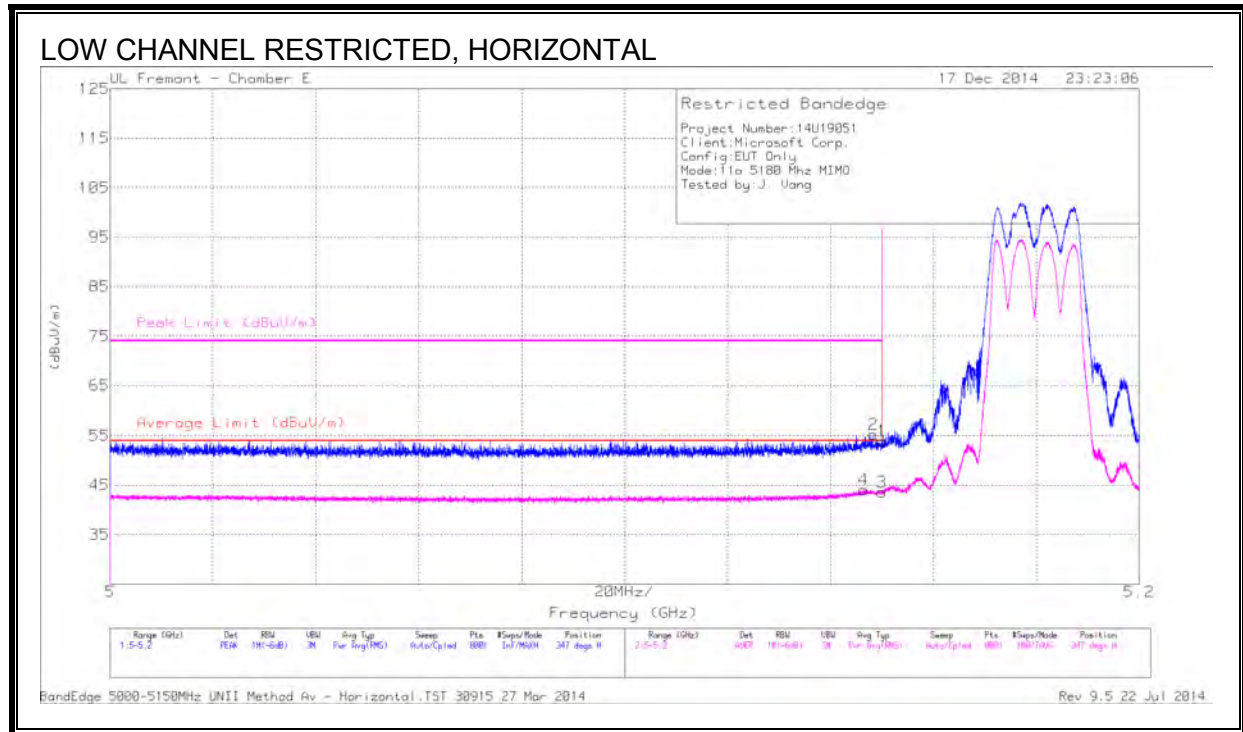
The spectrum from 30 MHz to 40 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band.

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.

10.2. TRANSMITTER ABOVE 1 GHz

10.2.1. TX ABOVE 1 GHz 802.11a MODE IN THE 5.2 GHz BAND

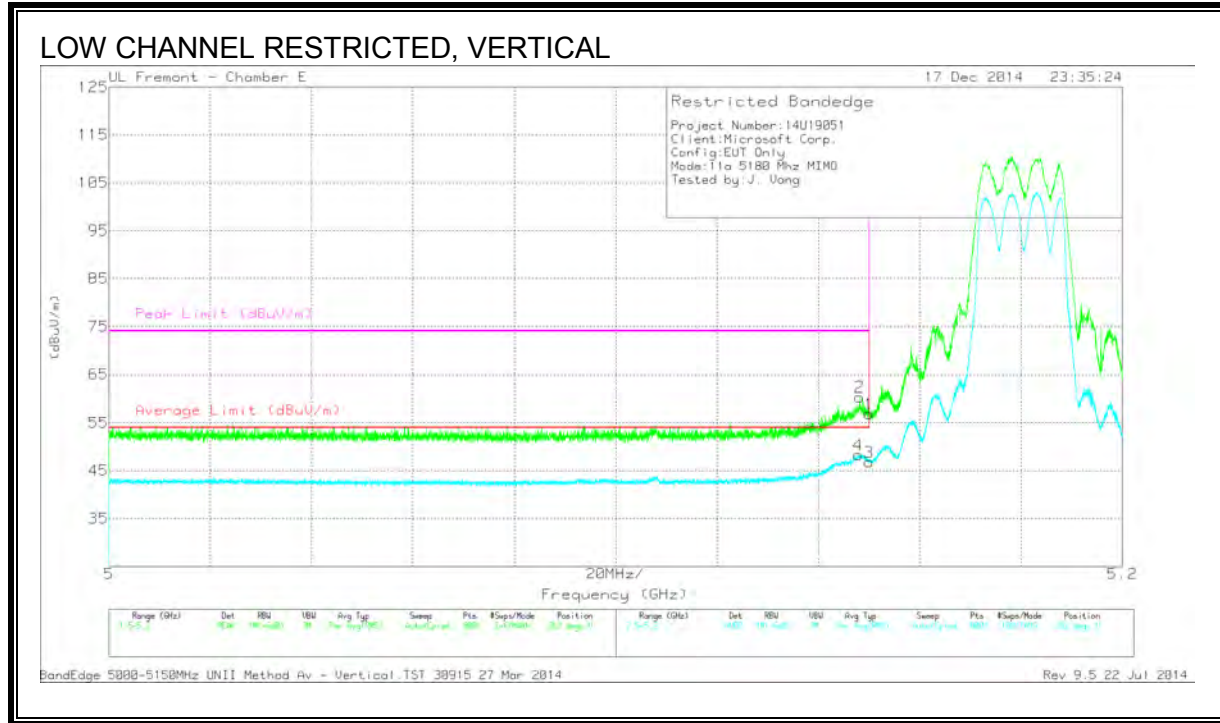
RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	41.25	PK	34.2	-21.5	53.95	-	-	74	-20.05	347	378	H
2	* 5.148	42.57	PK	34.2	-21.5	55.27	-	-	74	-18.73	347	378	H
3	* 5.15	30.94	RMS	34.2	-21.5	43.64	54	-10.36	-	-	347	378	H
4	* 5.146	31.51	RMS	34.2	-21.6	44.11	54	-9.89	-	-	347	378	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK - Peak detector
 RMS - RMS detection

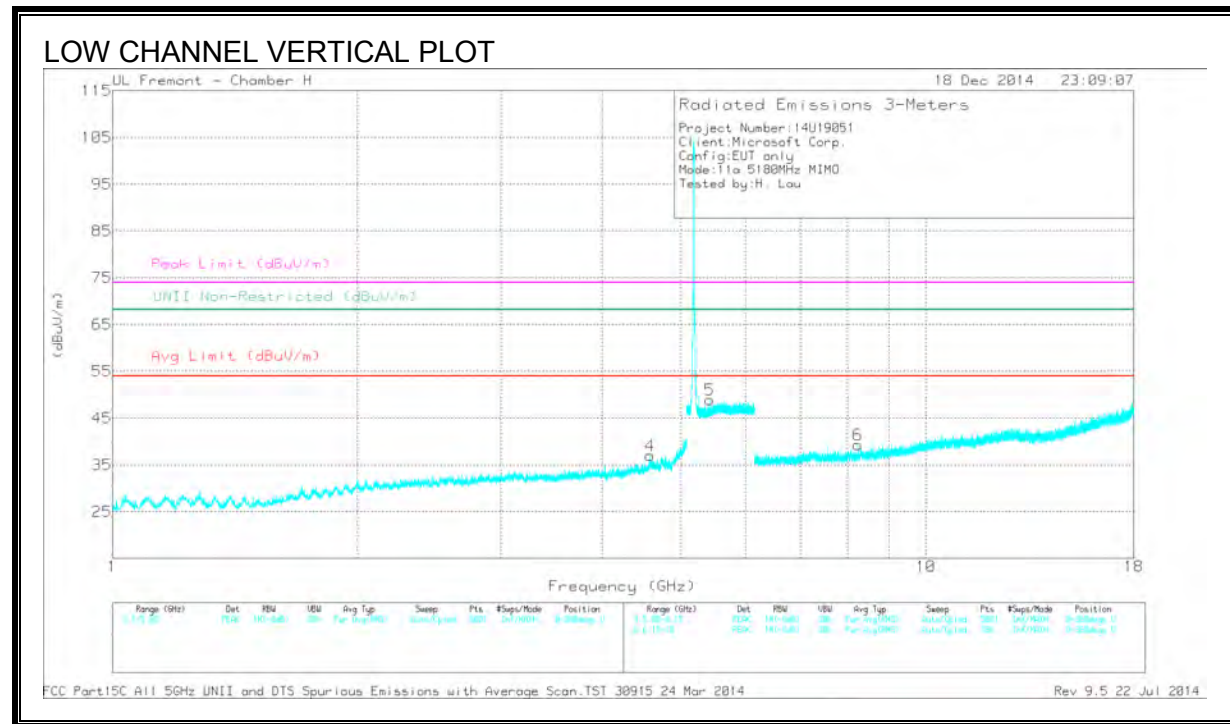
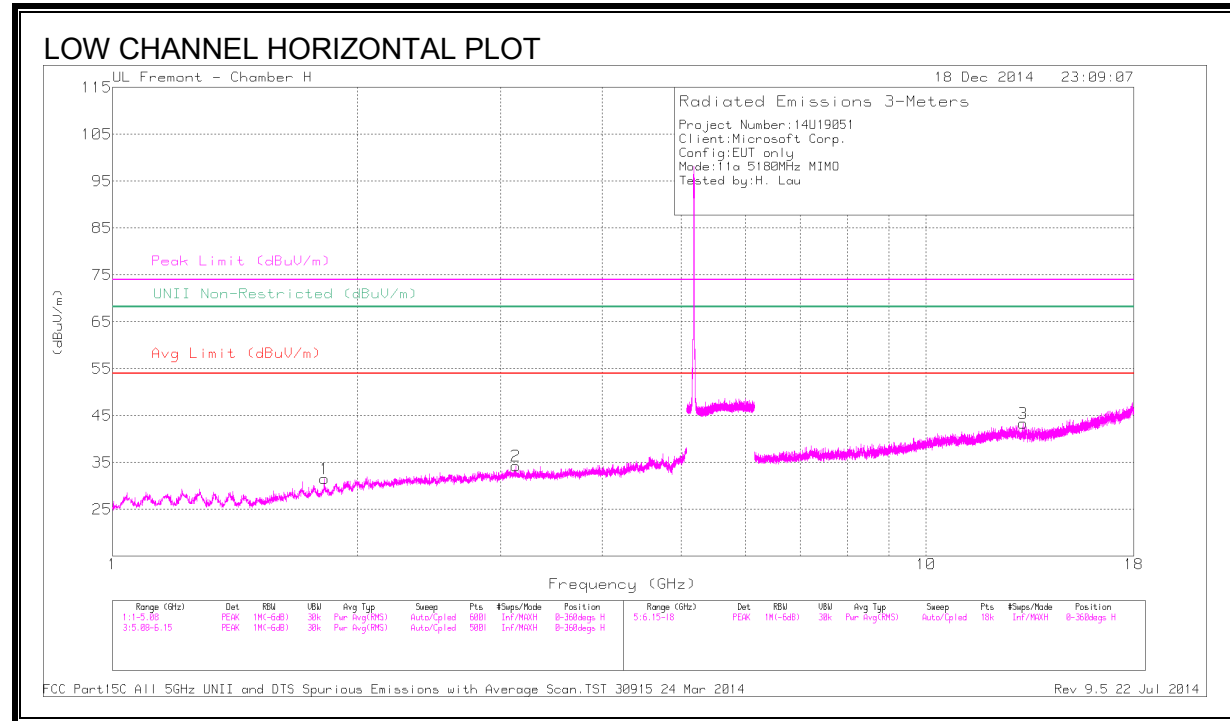


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/ 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	44.17	PK	34.2	-21.5	56.87	-	-	74	-17.13	262	103	V
2	* 5.148	47.65	PK	34.2	-21.5	60.35	-	-	74	-13.65	262	103	V
3	* 5.15	34.09	RMS	34.2	-21.5	46.79	54	-7.21	-	-	262	103	V
4	* 5.148	35.66	RMS	34.2	-21.5	48.36	54	-5.64	-	-	262	103	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK - Peak detector
 RMS - RMS detection

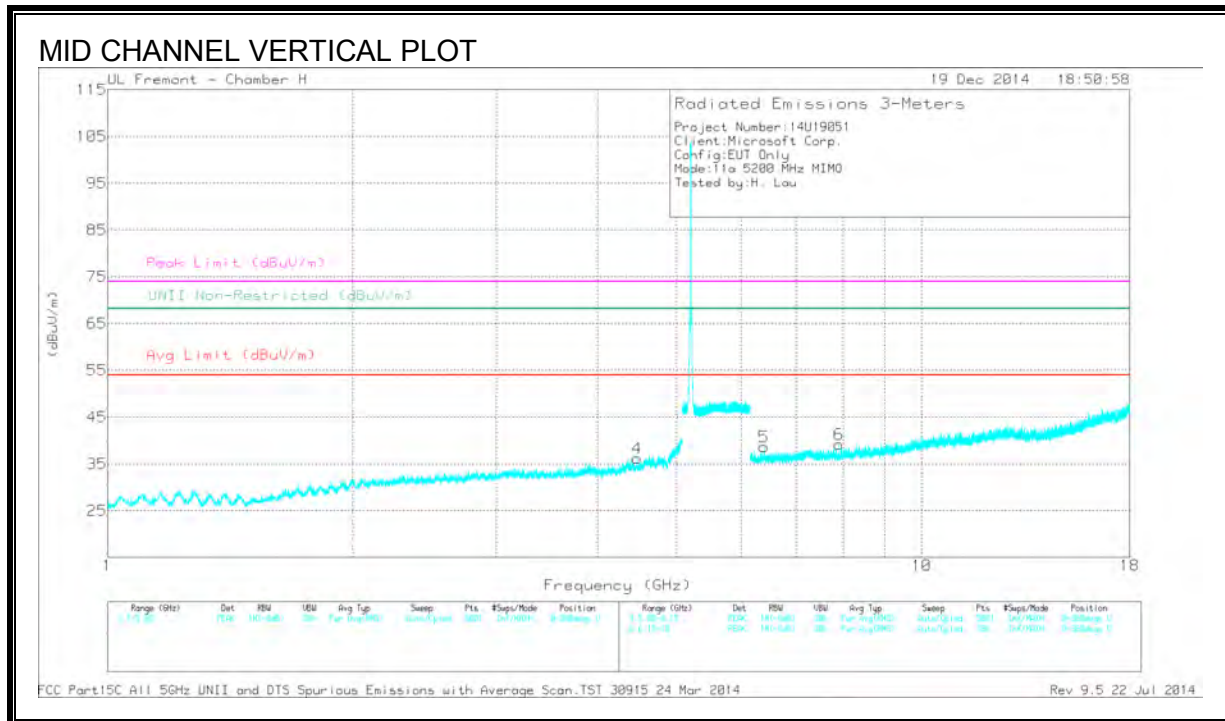
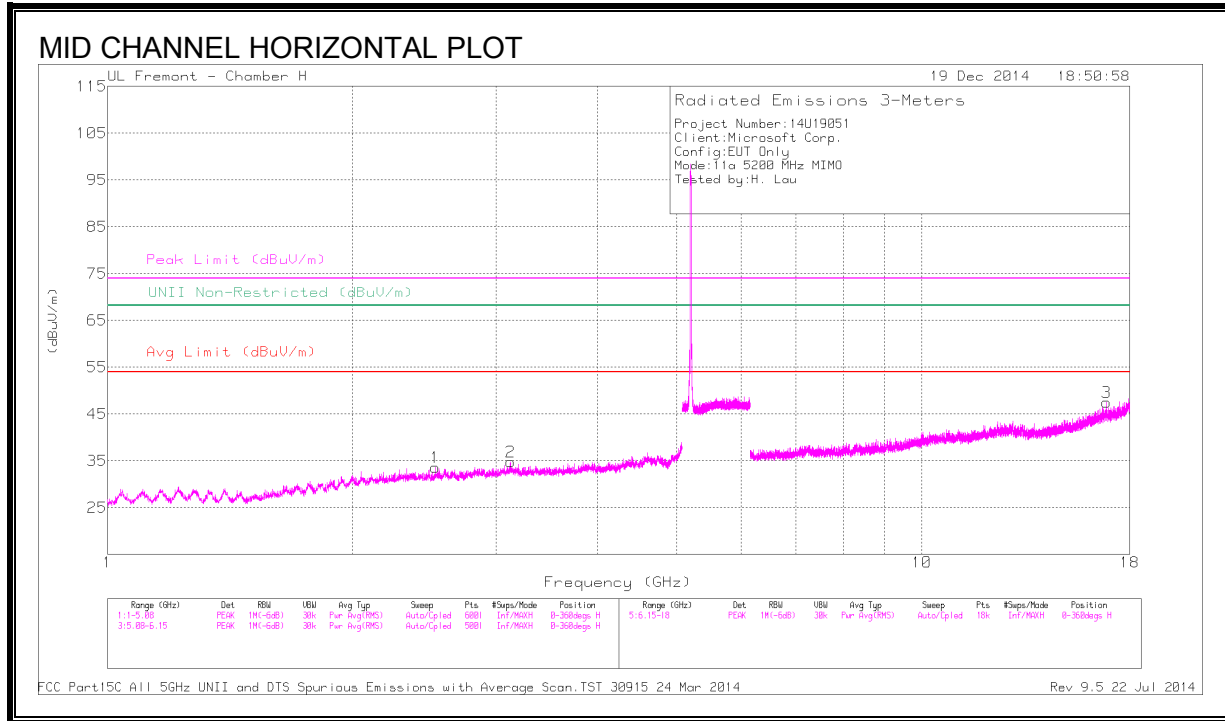
HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	1.822	43.3	PK1	30.2	-35	38.5	-	-	-	-	68.2	-29.7	314	123	H
2	3.131	41.9	PK1	32.9	-32.7	42.1	-	-	-	-	68.2	-26.1	261	181	H
3	13.154	38.02	PK1	39.1	-25.6	51.52	-	-	-	-	68.2	-16.68	121	132	H
4	* 4.576	41.78	PK1	34.1	-31.9	43.98	-	-	74	-30.02	-	-	187	222	V
	* 4.576	30.41	AD1	34.1	-31.9	32.61	54	-21.39	-	-	-	-	187	222	V
5	* 5.422	43.56	PK1	35	-22.5	56.06	-	-	74	-17.94	-	-	76	132	V
	* 5.422	31.7	AD1	35	-22.5	44.2	54	-9.8	-	-	-	-	76	132	V
6	* 8.246	39.66	PK1	36.1	-28.5	47.26	-	-	74	-26.74	-	-	163	181	V
	* 8.245	27.56	AD1	36.1	-28.5	35.16	54	-18.84	-	-	-	-	163	181	V

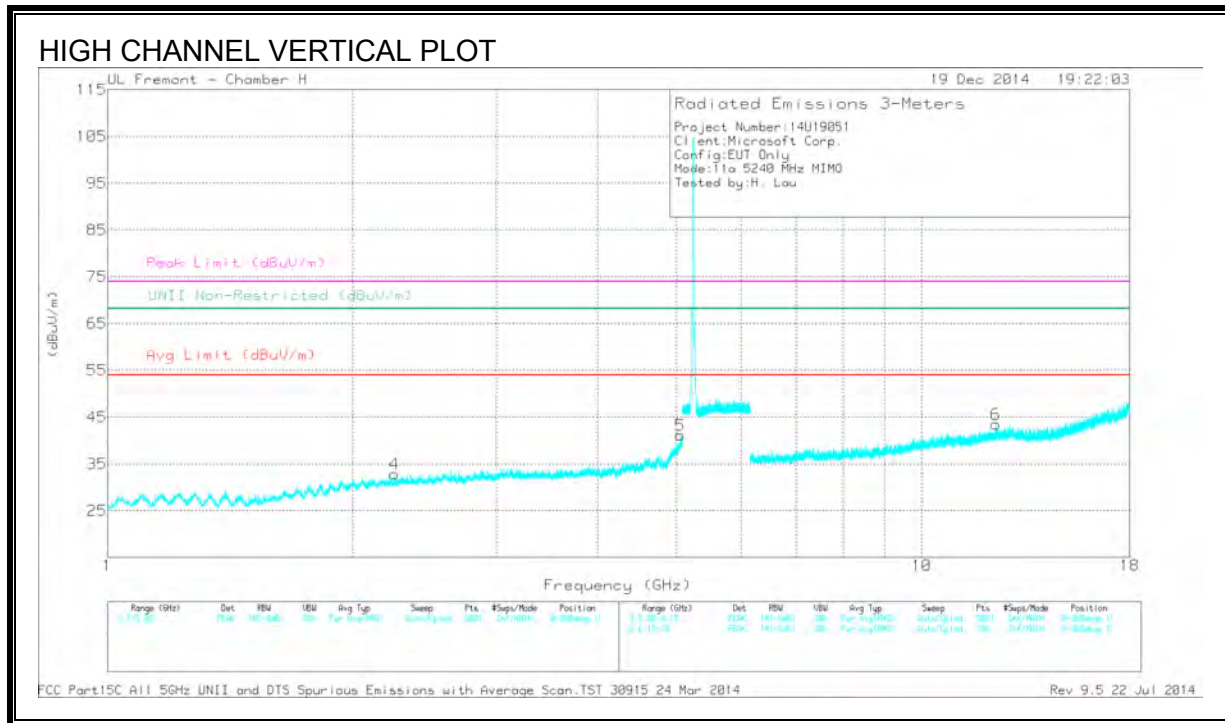
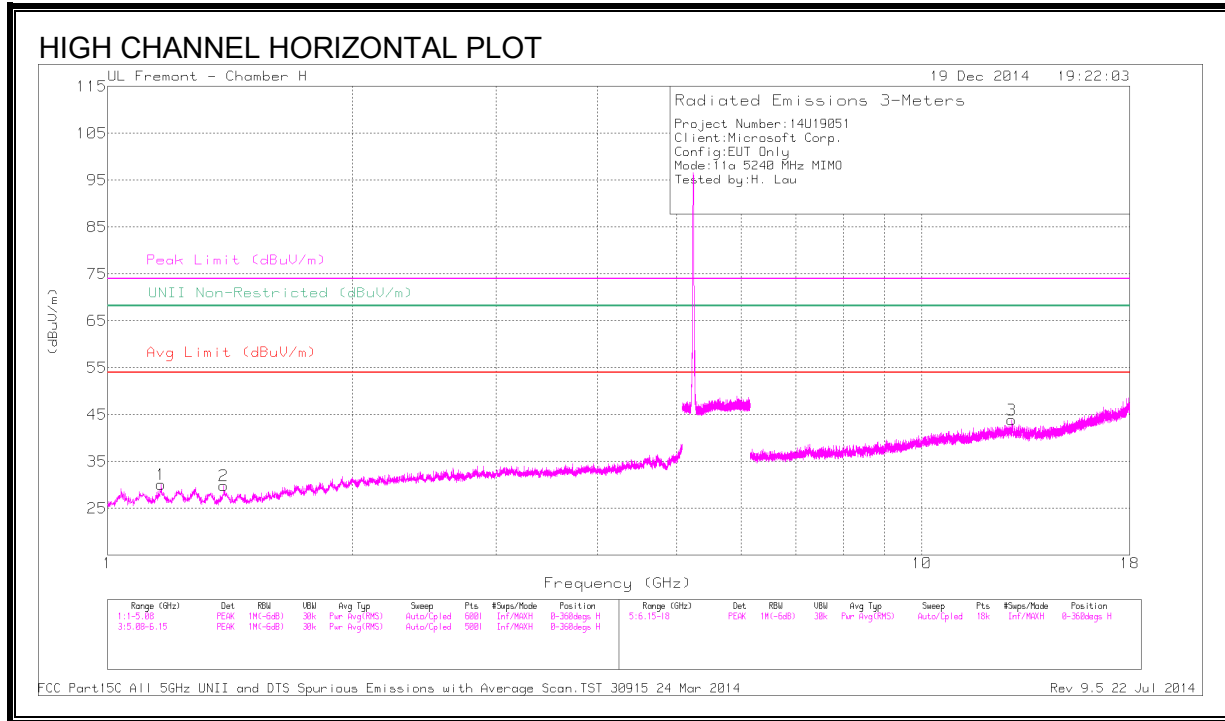
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	2.525	42.67	PK1	32.2	-33.9	40.97	-	-	-	-	68.2	-27.23	52	136	H
2	3.124	41.78	PK1	32.8	-32.7	41.88	-	-	-	-	68.2	-26.32	133	130	H
3	16.858	35.57	PK1	42.3	-23.5	54.37	-	-	-	-	68.2	-13.83	178	229	H
4	4.469	42.23	PK1	33.9	-32.6	43.53	-	-	-	-	68.2	-24.67	225	100	V
5	6.398	40.31	PK1	35.5	-30.6	45.21	-	-	-	-	68.2	-22.99	259	127	V
6	7.91	38.85	PK1	36	-29.5	45.35	-	-	-	-	68.2	-22.85	212	180	V

PK1 - KDB789033 Method: Peak



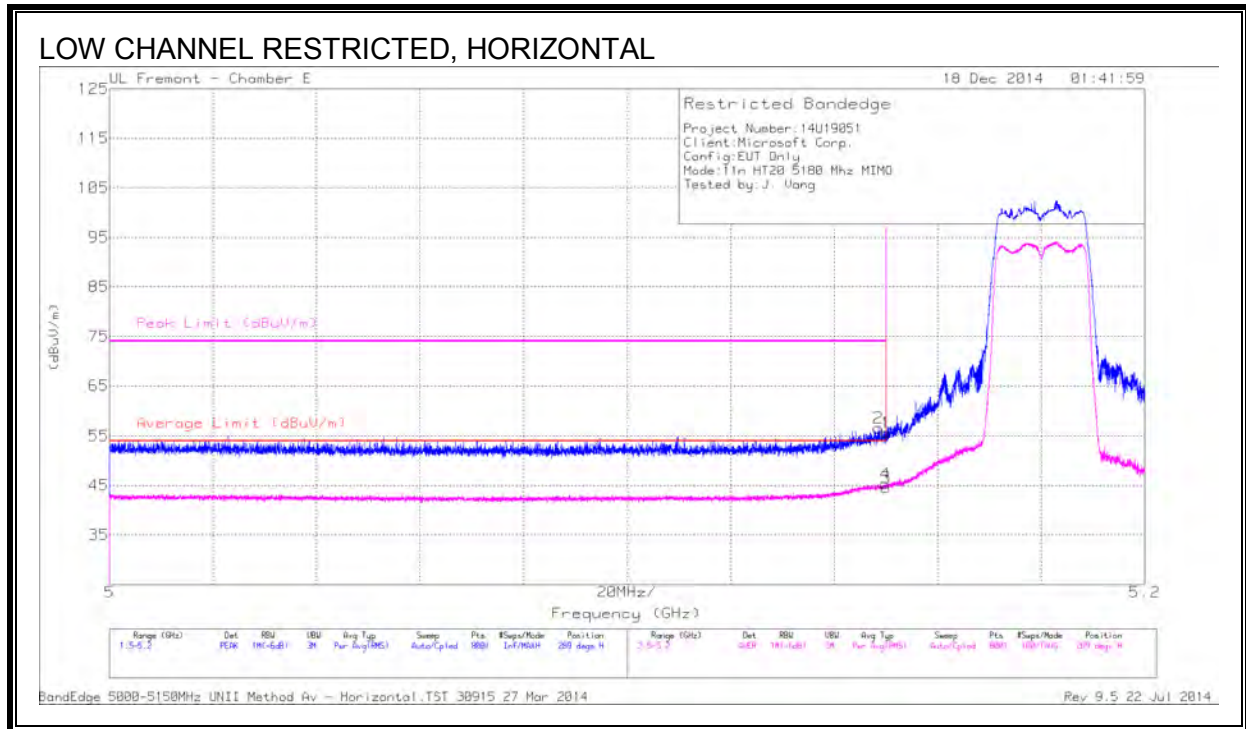
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	* 1.164	44.38	PK1	28.6	-35.5	37.48	-	-	74	-36.52	-	-	229	202	H
	* 1.165	32.65	AD1	28.6	-35.5	25.75	54	-28.25	-	-	-	-	229	202	H
2	* 1.389	43.81	PK1	28.3	-35.1	37.01	-	-	74	-36.99	-	-	287	122	H
	* 1.39	32.32	AD1	28.3	-35.1	25.52	54	-28.48	-	-	-	-	287	122	H
3	12.901	36.71	PK1	39.2	-25.1	50.81	-	-	-	-	68.2	-17.39	0	174	H
4	* 2.251	42.44	PK1	31.7	-34.4	39.74	-	-	74	-34.26	-	-	351	144	V
	* 2.249	30.99	AD1	31.7	-34.3	28.39	54	-25.61	-	-	-	-	351	144	V
5	* 5.053	43.43	PK1	34.4	-29.5	48.33	-	-	74	-25.67	-	-	61	150	V
	* 5.055	32.15	AD1	34.4	-29.4	37.15	54	-16.85	-	-	-	-	61	150	V
6	* 12.331	36.8	PK1	39	-26	49.8	-	-	74	-24.2	-	-	42	146	V
	* 12.33	25.85	AD1	39	-25.9	38.95	54	-15.05	-	-	-	-	42	146	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average

10.2.2. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.2 GHz BAND

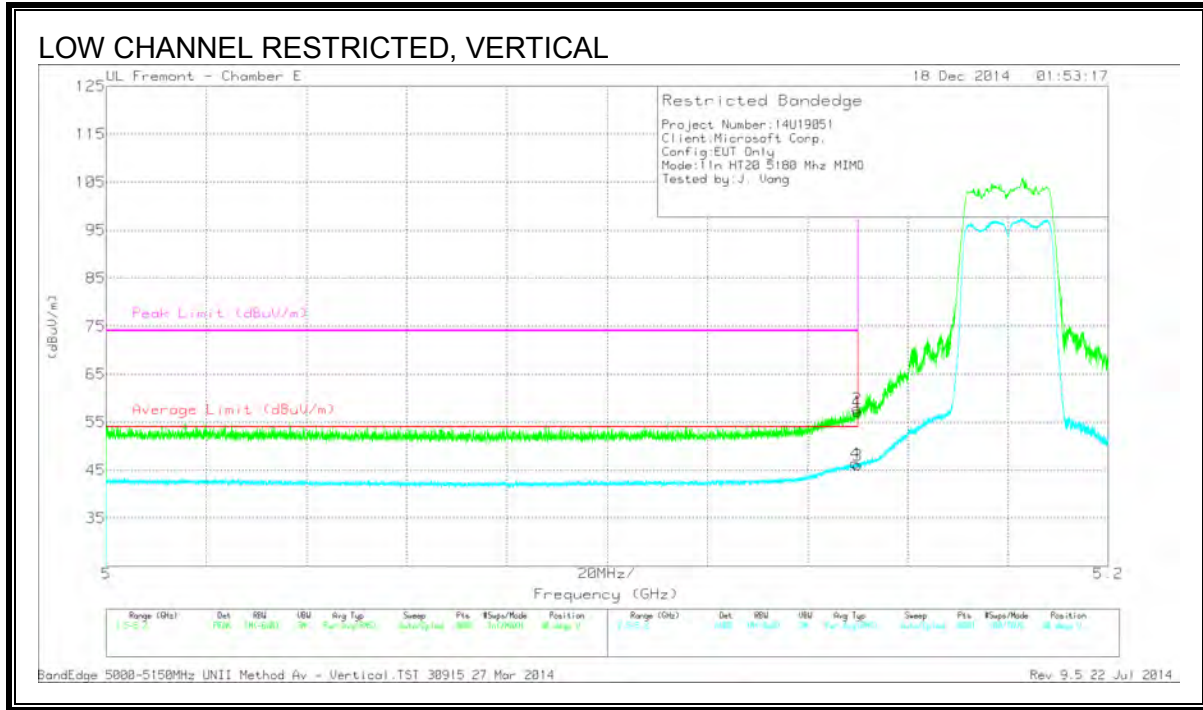
RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 5.150	42.91	PK	34.2	-21.5	55.61	-	-	74	-18.39	289	113	H
2	* 5.149	43.97	PK	34.2	-21.5	56.67	-	-	74	-17.33	289	113	H
3	* 5.150	31.84	RMS	34.2	-21.5	44.54	54	-9.46	-	-	289	113	H
4	* 5.150	32.62	RMS	34.2	-21.5	45.32	54	-8.68	-	-	289	113	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK - Peak detector
 RMS - RMS detection

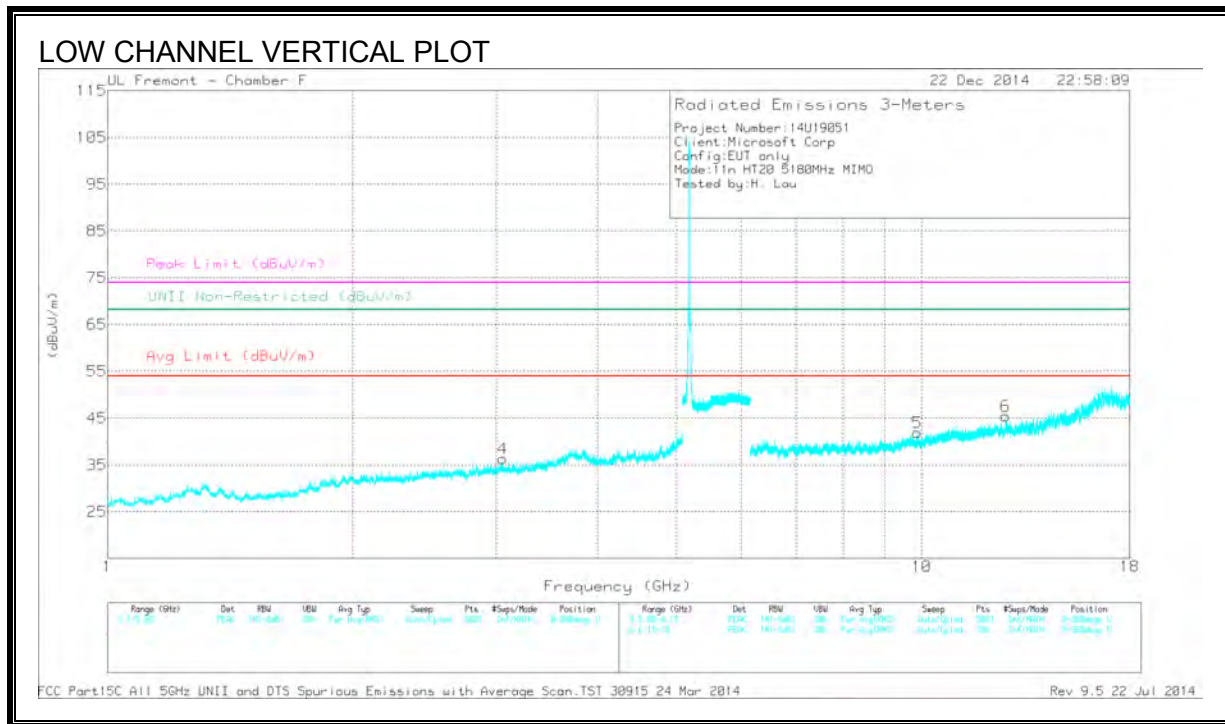
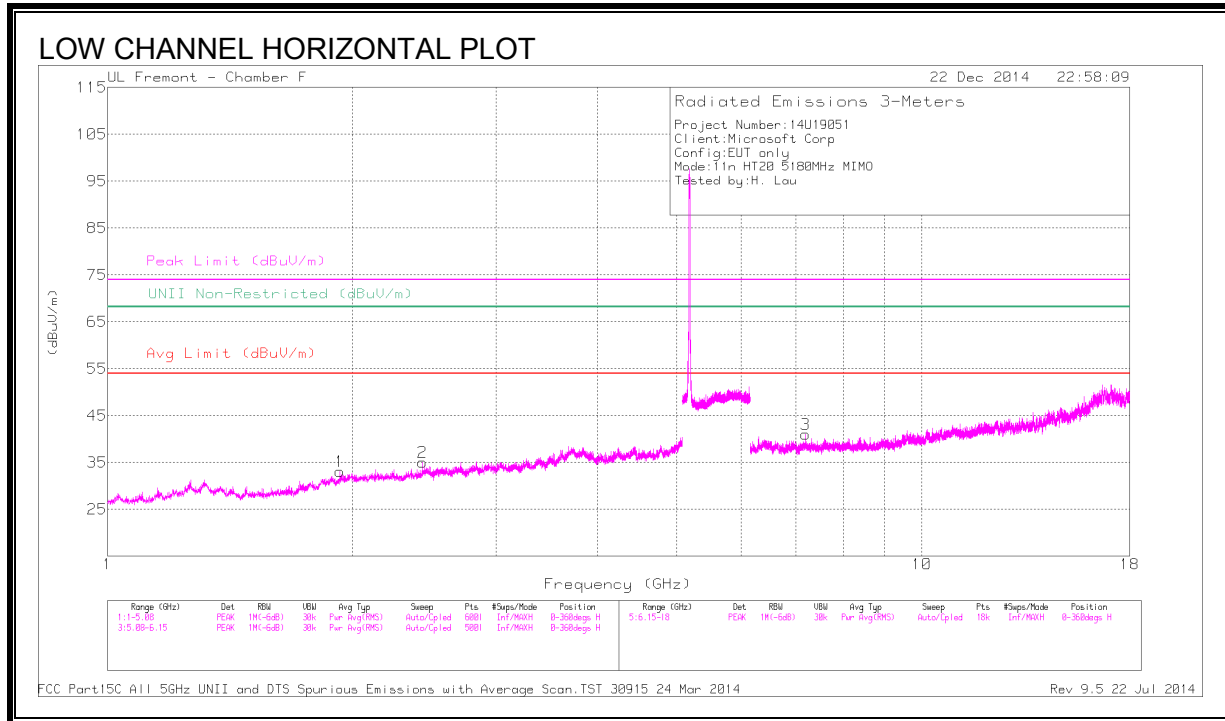


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/ Filt/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	* 5.150	44.56	PK	34.2	-21.5	57.26	-	-	74	-16.74	40	319	V
2	* 5.150	45.16	PK	34.2	-21.5	57.86	-	-	74	-16.14	40	319	V
3	* 5.150	33.40	RMS	34.2	-21.5	46.10	54	-7.90	-	-	40	319	V
4	* 5.150	33.73	RMS	34.2	-21.5	46.43	54	-7.57	-	-	40	319	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK - Peak detector
 RMS - RMS detection

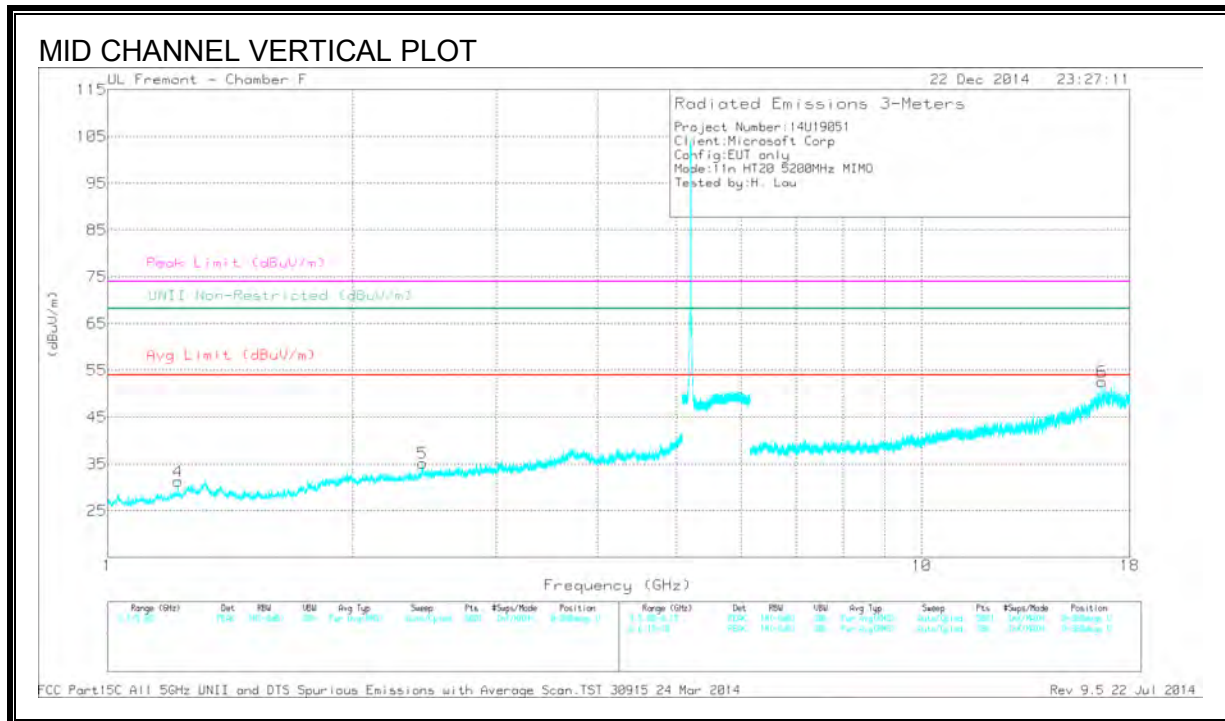
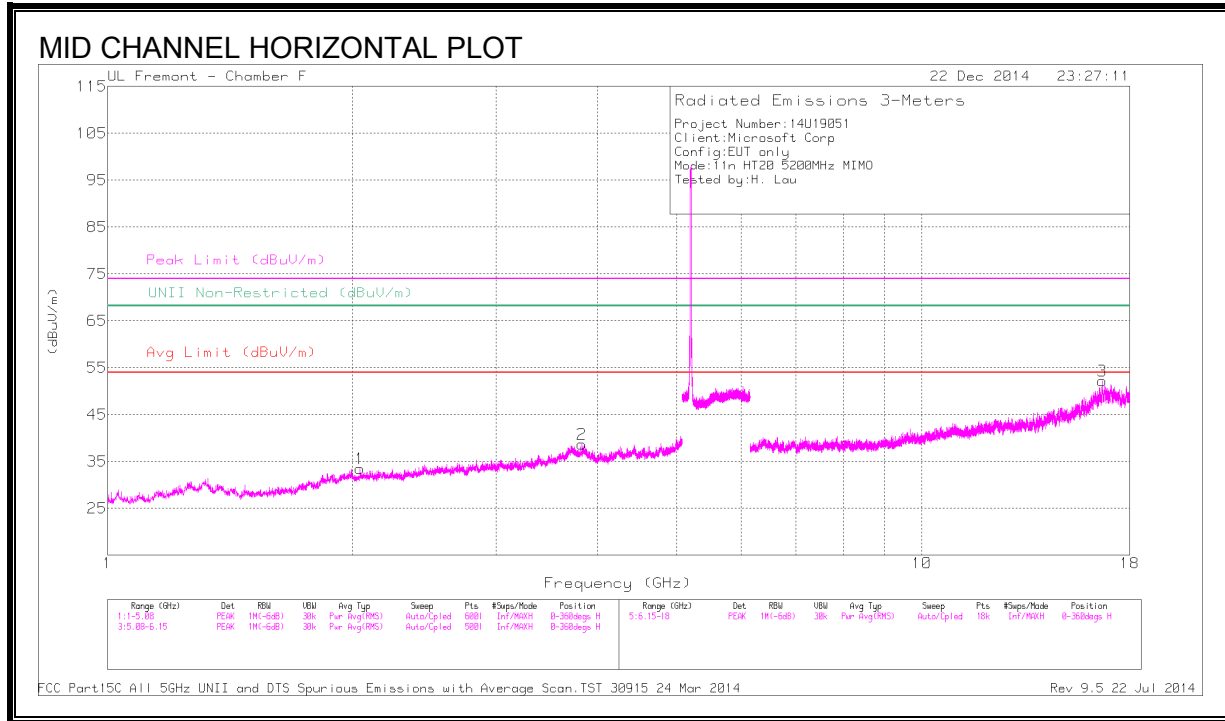
HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb I/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)	Polarit y
1	1.929	40.00	PK1	31.5	-31.4	40.10	-	-	-	-	68.2	-28.10	360	202	H
2	2.435	41.92	PK1	32.4	-30.9	43.42	-	-	-	-	68.2	-24.78	302	211	H
3	7.201	36.88	PK1	35.5	-25.2	47.18	-	-	-	-	68.2	-21.02	297	128	H
4	3.060	39.88	PK1	33.3	-29.9	43.28	-	-	-	-	68.2	-24.92	267	100	V
5	9.882	33.90	PK1	37.2	-22.8	48.30	-	-	-	-	68.2	-19.9	246	162	V
6	* 12.663	35.78	PK1	39.1	-23.2	51.68	-	-	74	-22.32	-	-	177	137	V
	* 12.665	24.51	AD1	39.2	-23.1	40.61	54	-13.39	-	-	-	-	177	137	V

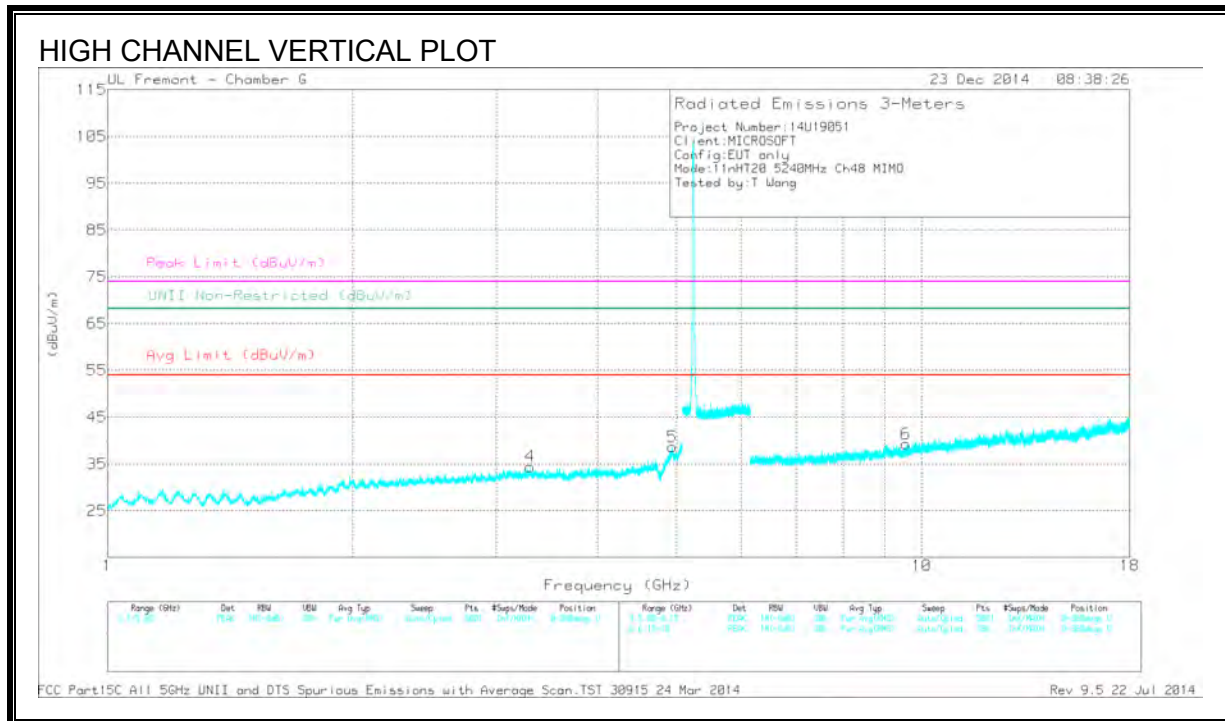
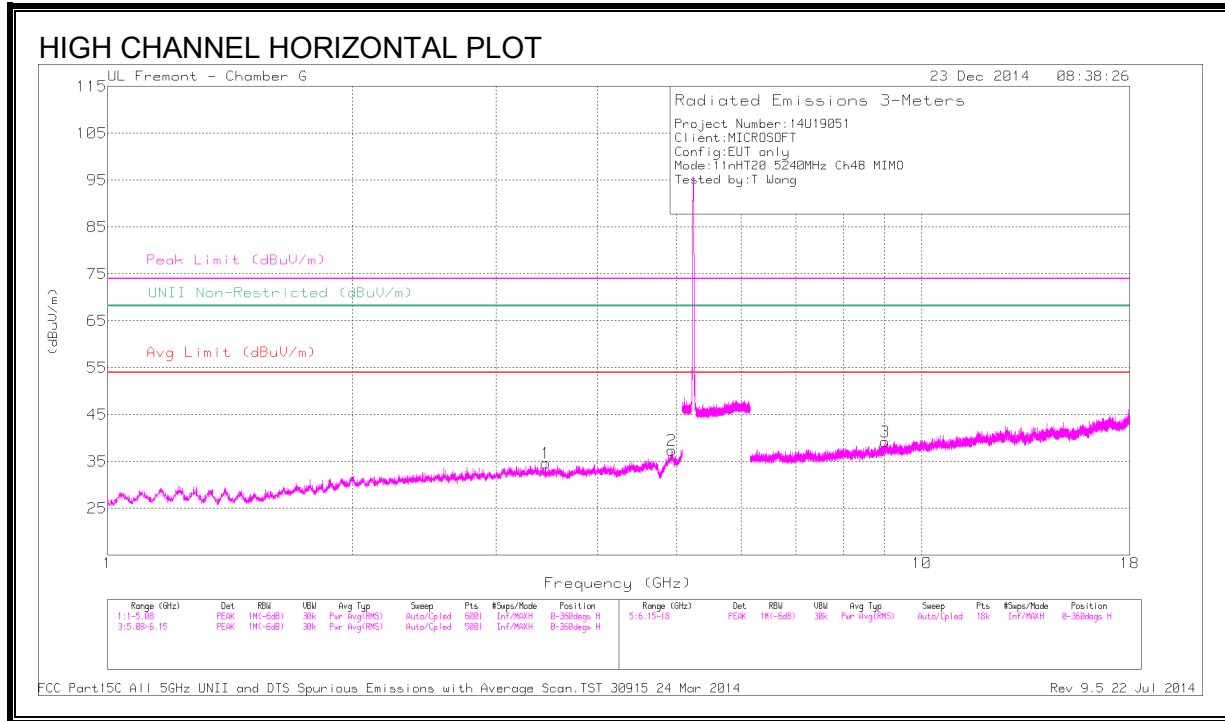
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	2.042	39.65	PK1	31.8	-31.1	40.35	-	-	-	-	68.2	-27.85	49	188	H
2	* 3.825	39.40	PK1	34.3	-29.3	44.40	-	-	74	-29.60	-	-	116	113	H
	* 3.826	27.95	AD1	34.3	-29.2	33.05	54	-20.95	-	-	-	-	116	113	H
3	16.648	34.73	PK1	41.3	-16.9	59.13	-	-	-	-	68.2	-9.07	245	215	H
4	* 1.221	41.11	PK1	29.2	-32.5	37.81	-	-	74	-36.19	-	-	165	146	V
	* 1.218	29.60	AD1	29.2	-32.5	26.30	54	-27.70	-	-	-	-	165	146	V
5	2.435	41.04	PK1	32.4	-30.9	42.54	-	-	-	-	68.2	-25.66	127	187	V
6	16.641	34.54	PK1	41.3	-17.3	58.54	-	-	-	-	68.2	-9.66	101	110	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average



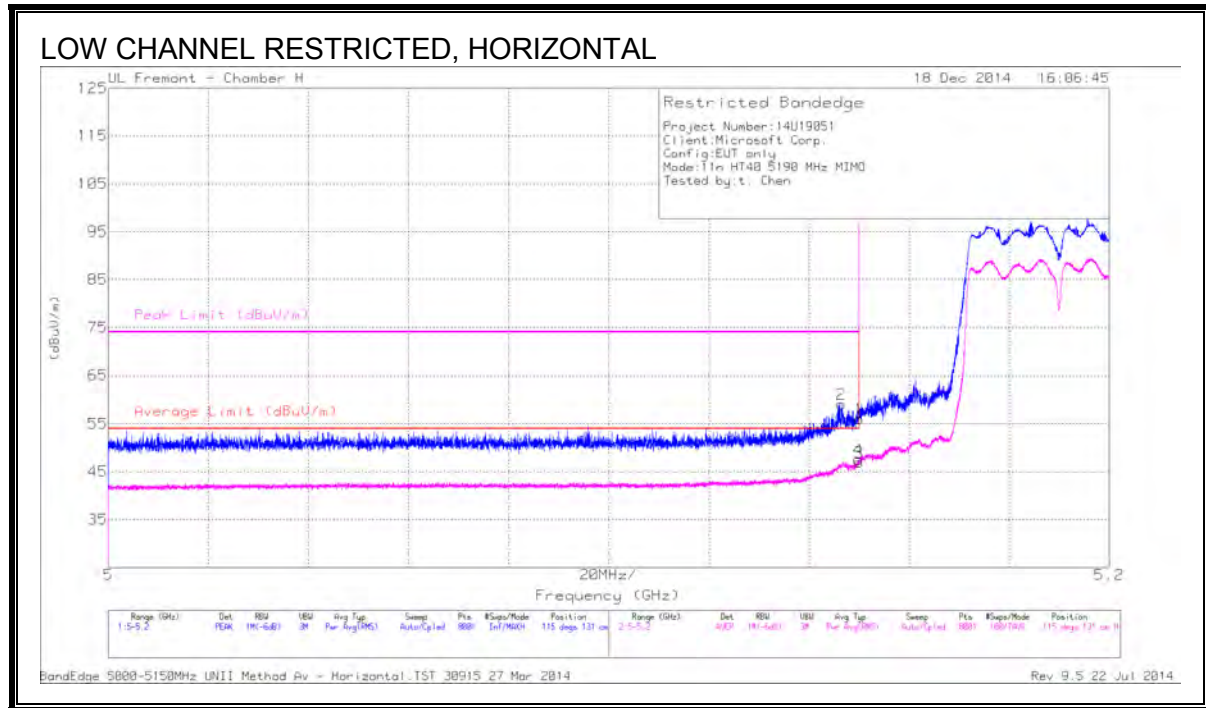
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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	3.457	42.02	PK1	32.8	-34.1	40.72	-	-	-	-	68.2	-27.48	241	146	H
2	* 4.935	41.71	PK1	34.1	-31.7	44.11	-	-	74	-29.89	-	-	241	146	H
	* 4.933	30.47	AD1	34.1	-31.7	32.87	54	-21.13	-	-	-	-	241	146	H
3	* 9.007	38.40	PK1	36.4	-29.3	45.50	-	-	74	-28.50	-	-	59	114	H
	* 9.006	26.93	AD1	36.4	-29.3	34.03	54	-19.97	-	-	-	-	59	114	H
4	3.303	42.21	PK1	33.0	-33.4	41.81	-	-	-	-	68.2	-26.39	108	109	V
5	* 4.934	43.89	PK1	34.1	-31.7	46.29	-	-	74	-27.71	-	-	108	109	V
	* 4.933	32.62	AD1	34.1	-31.7	35.02	54	-18.98	-	-	-	-	108	109	V
6	9.561	36.90	PK1	36.8	-28.2	45.50	-	-	-	-	68.2	-22.70	108	109	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average

10.2.3. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.2 GHz BAND

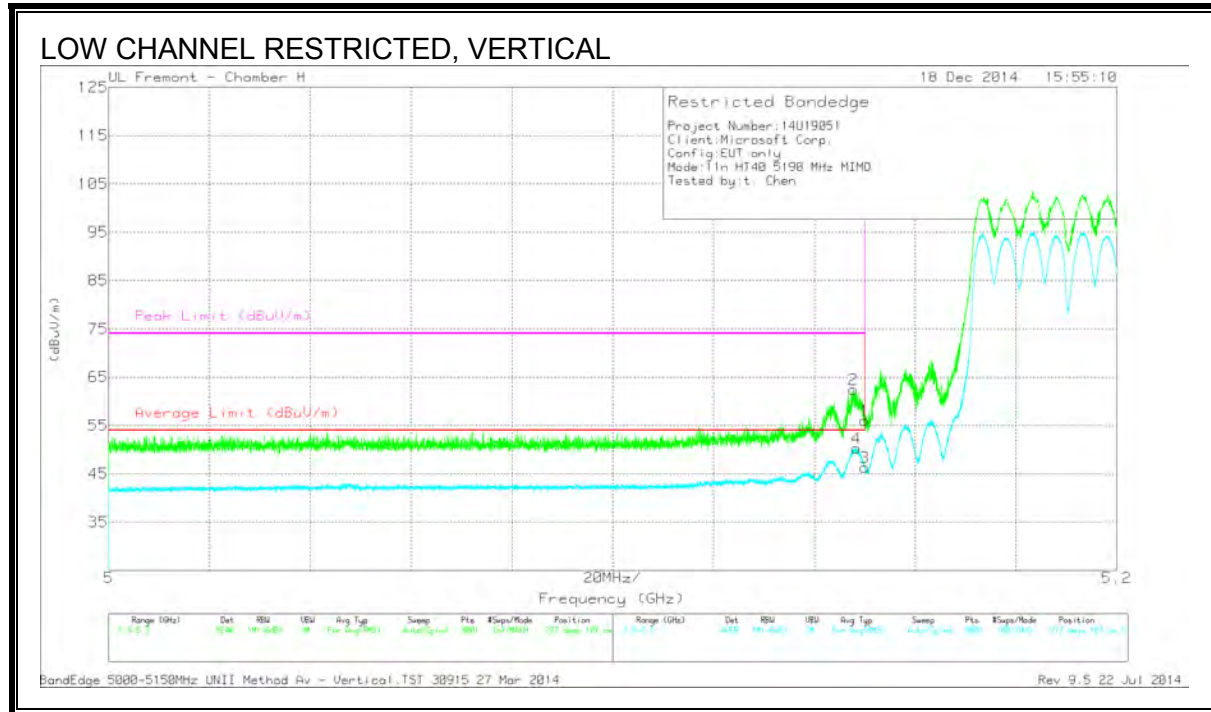
RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	* 5.150	44.35	PK	34.5	-22.8	56.05	-	-	74	-17.95	115	131	H
2	* 5.146	47.38	PK	34.5	-22.8	59.08	-	-	74	-14.92	115	131	H
3	* 5.150	35.28	RMS	34.5	-22.8	46.98	54	-7.02	-	-	115	131	H
4	* 5.150	35.84	RMS	34.5	-22.8	47.54	54	-6.46	-	-	115	131	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK - Peak detector
 RMS - RMS detection

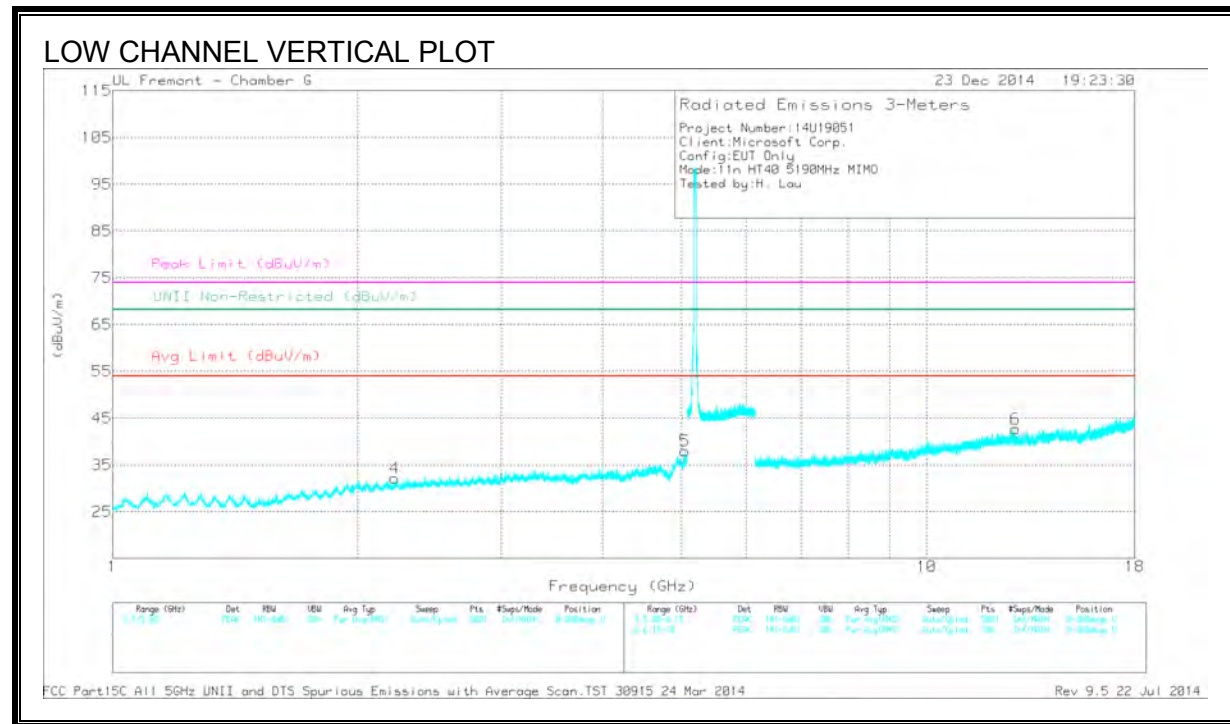
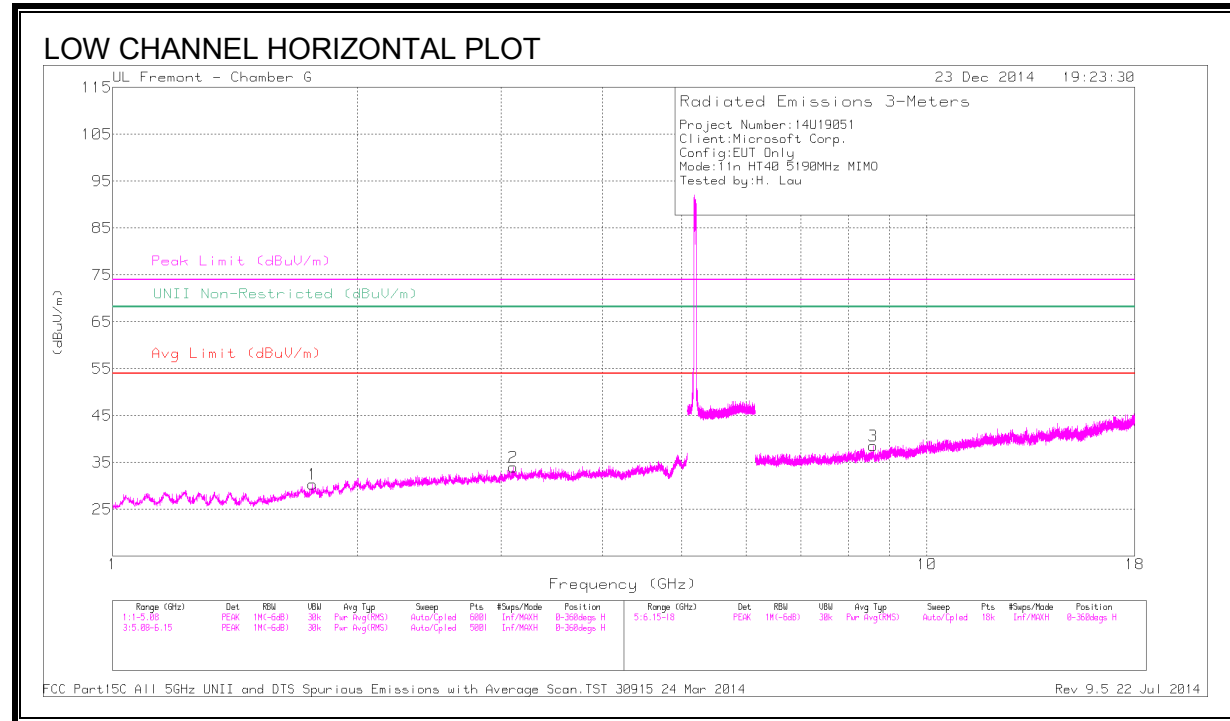


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl Filt/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	* 5.150	44.26	PK	34.5	-22.8	55.96	-	-	74	-18.04	277	107	V
2	* 5.148	50.71	PK	34.5	-22.8	62.41	-	-	74	-11.59	277	107	V
3	* 5.150	34.63	RMS	34.5	-22.8	46.33	54	-7.67	-	-	277	107	V
4	* 5.148	38.56	RMS	34.5	-22.8	50.26	54	-3.74	-	-	277	107	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK - Peak detector
 RMS - RMS detection

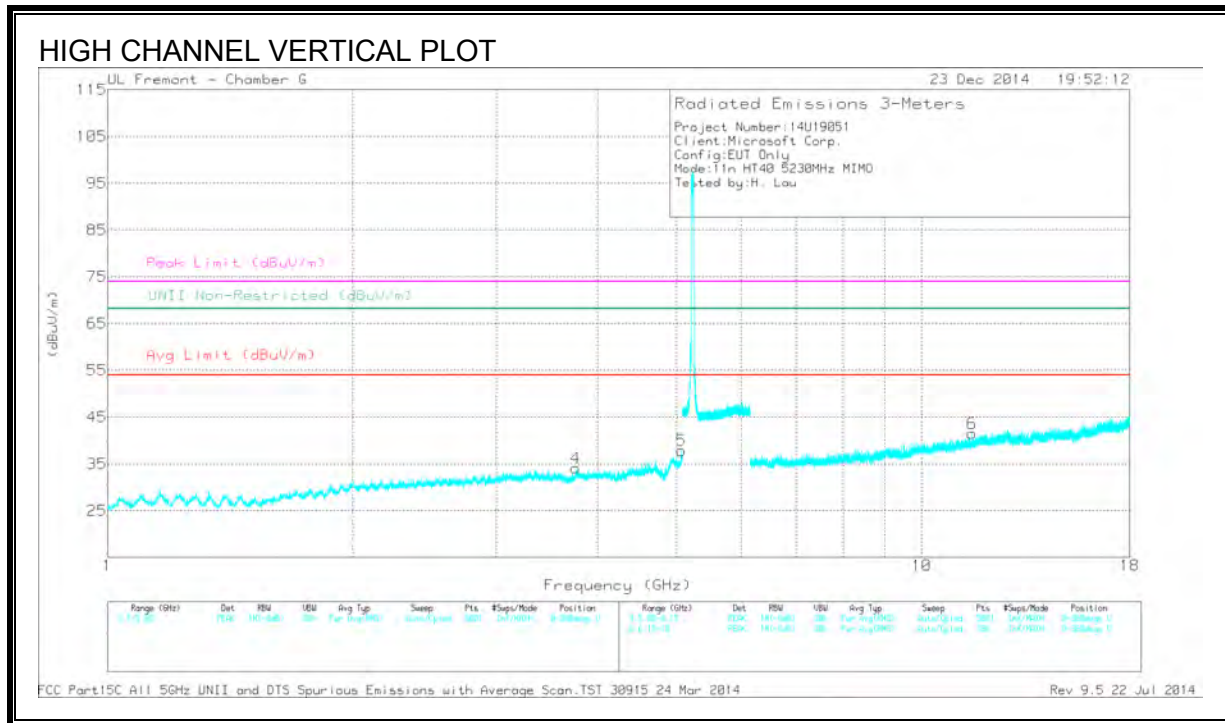
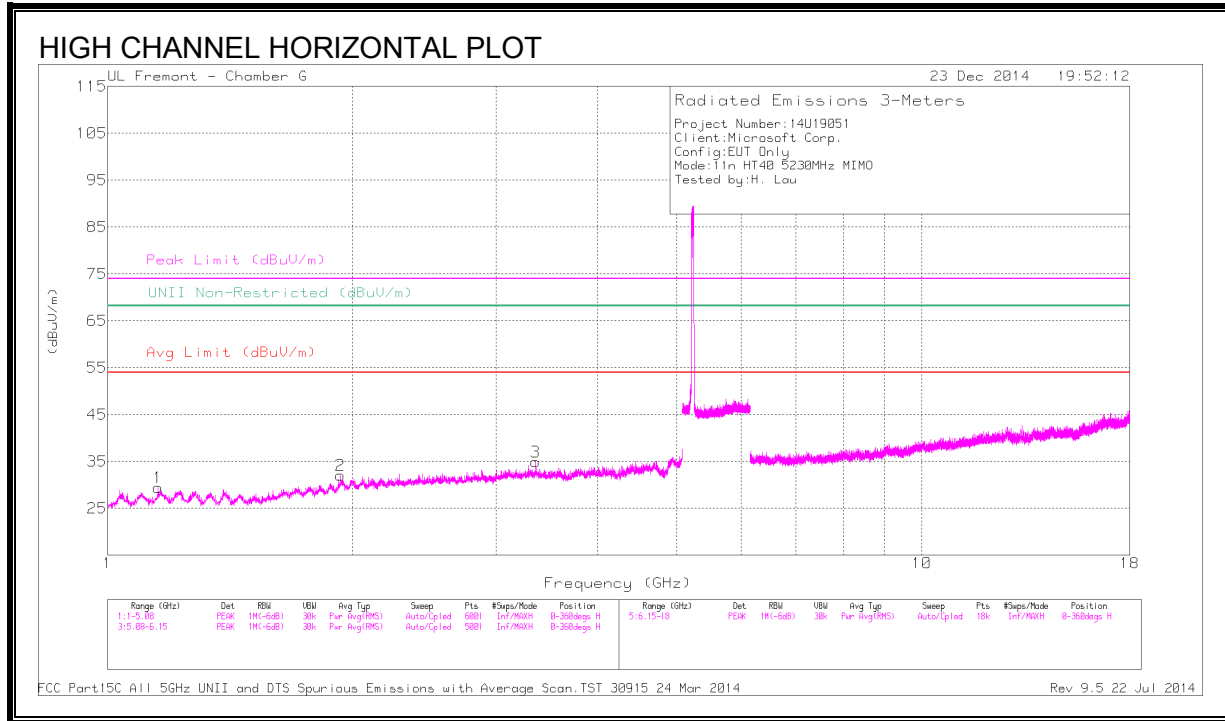
HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb I/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	1.759	42.90	PK1	29.7	-34.8	37.80	-	-	-	-	68.2	-30.40	310	114	H
2	3.104	42.00	PK1	32.6	-33.2	41.40	-	-	-	-	68.2	-26.80	268	118	H
3	8.588	38.97	PK1	35.9	-28.9	45.97	-	-	-	-	68.2	-22.23	149	121	H
4	* 2.222	42.47	PK1	31.5	-34.7	39.27	-	-	74	-34.73	-	-	219	189	V
	* 2.222	31.27	AD1	31.5	-34.7	28.07	54	-25.93	-	-	-	-	219	189	V
5	* 5.045	43.80	PK1	34.2	-31.5	46.50	-	-	74	-27.50	-	-	113	111	V
	* 5.046	32.50	AD1	34.2	-31.5	35.20	54	-18.80	-	-	-	-	113	111	V
6	12.853	36.88	PK1	39.1	-27.1	48.88	-	-	-	-	68.2	-19.32	56	218	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average



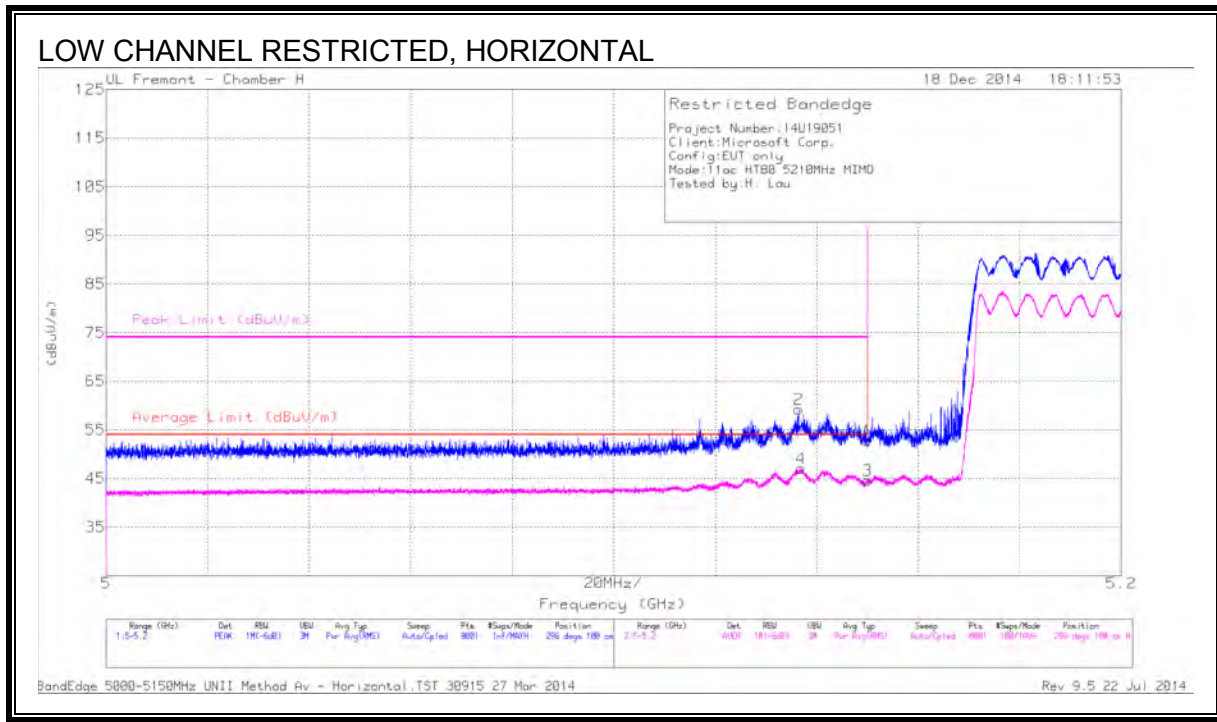
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb I/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	* 1.155	43.77	PK1	28.7	-35.6	36.87	-	-	74	-37.13	-	-	57	166	H
	* 1.155	32.32	AD1	28.7	-35.6	25.42	54	-28.58	-	-	-	-	57	166	H
2	1.930	42.79	PK1	30.8	-34.7	38.89	-	-	-	-	68.2	-29.31	100	131	H
3	* 3.357	41.85	PK1	32.9	-33.2	41.55	-	-	74	-32.45	-	-	146	223	H
	* 3.357	30.37	AD1	32.9	-33.2	30.07	54	-23.93	-	-	-	-	146	223	H
4	* 3.755	41.74	PK1	32.9	-33.4	41.24	-	-	74	-32.76	-	-	236	124	V
	* 3.757	29.92	AD1	32.9	-33.4	29.42	54	-24.58	-	-	-	-	236	124	V
5	* 5.069	41.62	PK1	34.2	-30.8	45.02	-	-	74	-28.98	-	-	180	142	V
	* 5.067	29.86	AD1	34.2	-30.8	33.26	54	-20.74	-	-	-	-	180	142	V
6	* 11.537	36.67	PK1	38.4	-26.6	48.47	-	-	74	-25.53	-	-	138	189	V
	* 11.536	25.38	AD1	38.4	-26.6	37.18	54	-16.82	-	-	-	-	138	189	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average

10.2.4. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

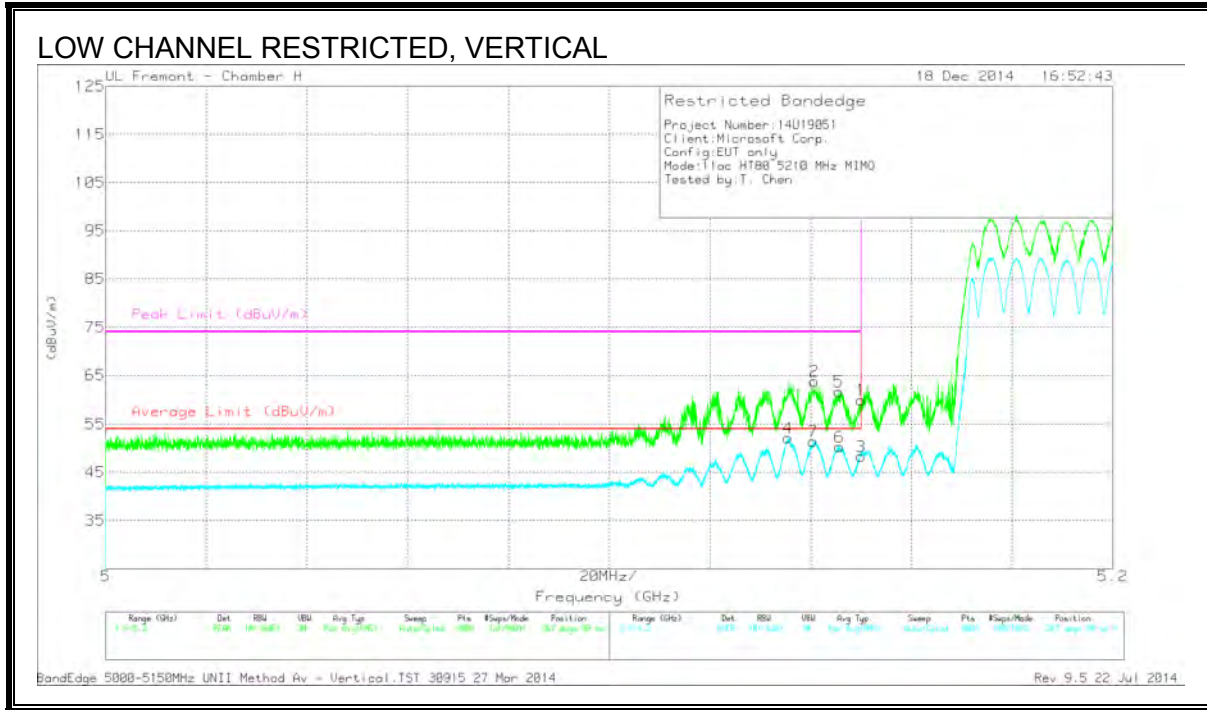
RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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)	Polarit y
1	* 5.150	41.08	PK	34.5	-22.8	0	52.78	-	-	74	-21.22	296	100	H
2	* 5.136	47.53	PK	34.5	-22.8	0	59.23	-	-	74	-14.77	296	100	H
3	* 5.150	32.65	RMS	34.5	-22.8	.27	44.62	54	-9.38	-	-	296	100	H
4	* 5.137	35.14	RMS	34.5	-22.8	.27	47.11	54	-6.89	-	-	296	100	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK - Peak detector
 RMS - RMS detection

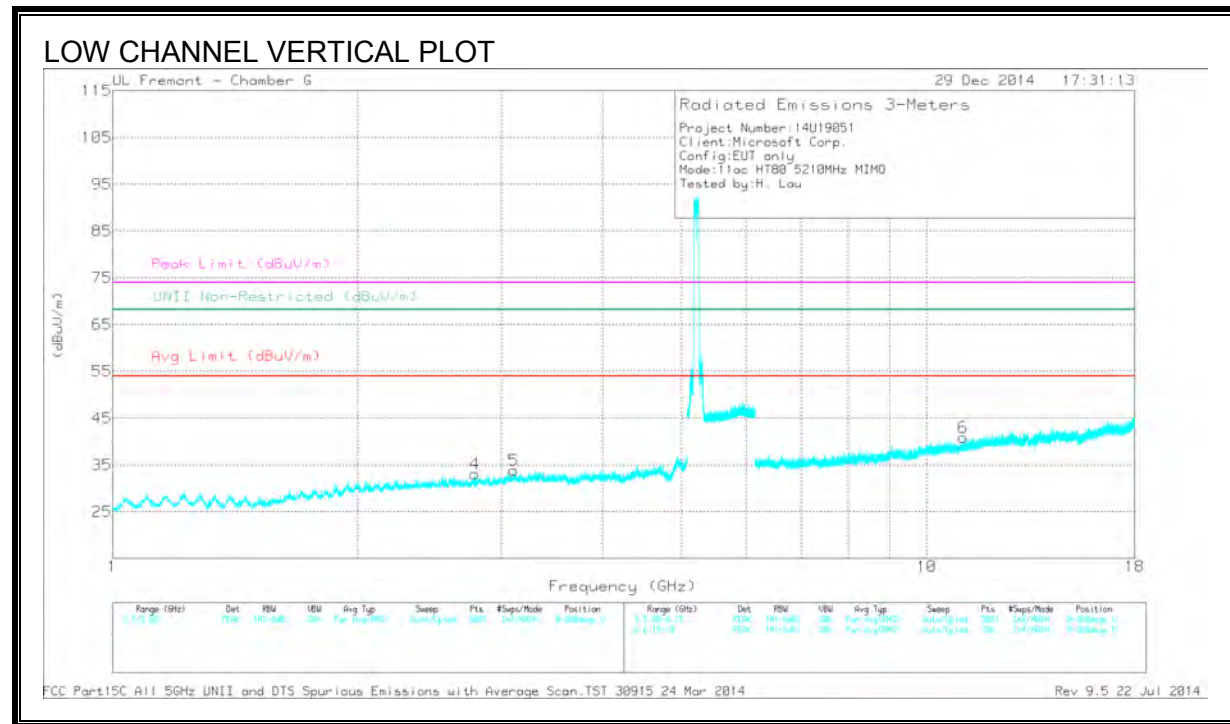
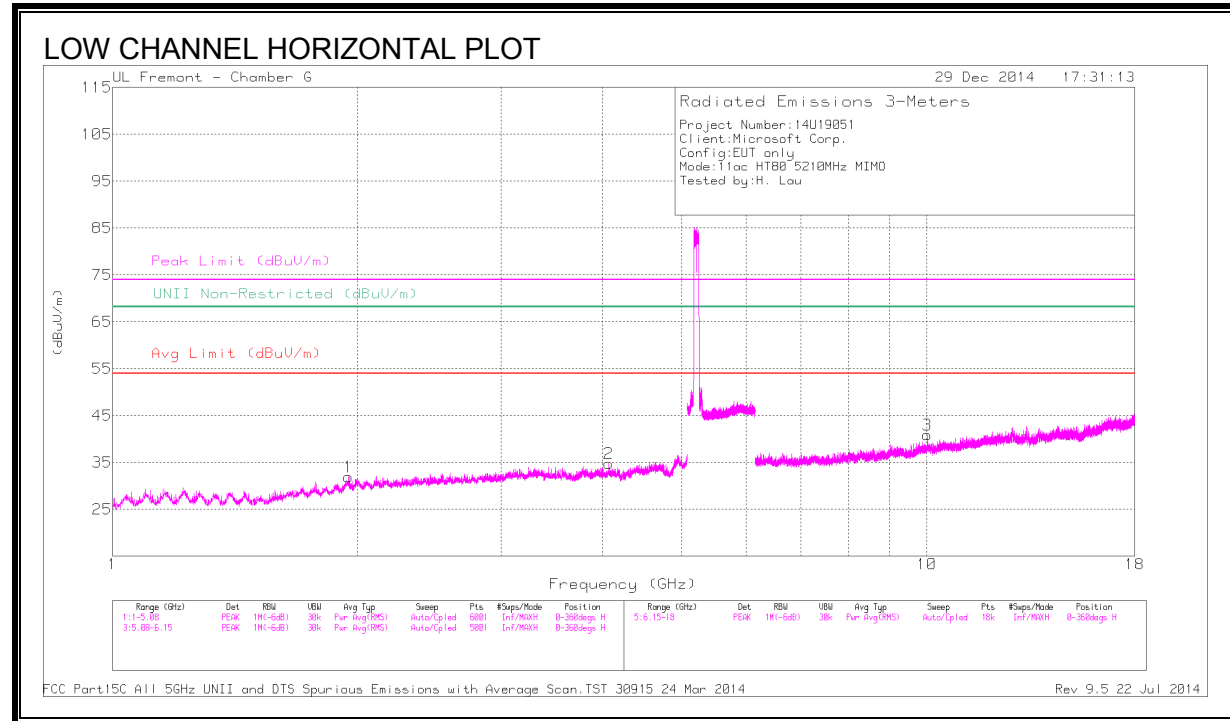


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	* 5.150	48.30	PK	34.5	-22.8	60.00	-	-	74	-14.00	267	98	V
2	* 5.141	52.17	PK	34.5	-22.8	63.87	-	-	74	-10.13	267	98	V
3	* 5.150	36.56	RMS	34.5	-22.8	48.26	54	-5.74	-	-	267	98	V
4	* 5.135	40.42	RMS	34.5	-22.8	52.12	54	-1.88	-	-	267	98	V
5	* 5.146	49.96	PK	34.5	-22.8	61.66	-	-	74	-12.34	267	98	V
6	* 5.146	38.58	RMS	34.5	-22.8	50.28	54	-3.72	-	-	267	98	V
7	* 5.140	39.73	RMS	34.5	-22.8	51.43	54	-2.57	-	-	267	98	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS



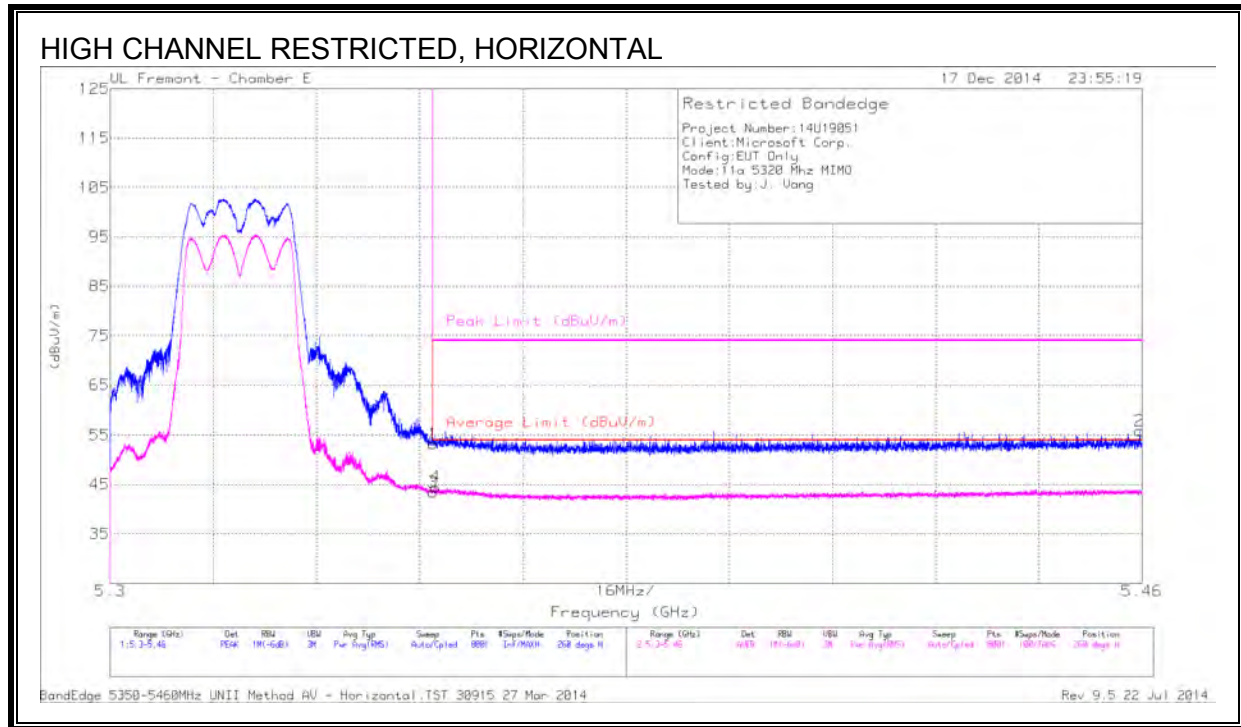
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb I/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	1.950	42.02	PK1	31.0	-34.6	38.42	-	-	-	-	68.2	-29.78	50	114	H
2	* 4.069	41.76	PK1	33.4	-33.5	41.66	-	-	74	-32.34	-	-	104	143	H
	* 4.069	30.32	AD1	33.4	-33.5	30.22	54	-23.78	-	-	-	-	104	143	H
3	10.019	37.10	PK1	37.4	-27.5	47.00	-	-	-	-	68.2	-21.20	234	204	H
4	* 2.783	42.42	PK1	32.2	-34.2	40.42	-	-	74	-33.58	-	-	198	172	V
	* 2.784	30.88	AD1	32.2	-34.2	28.88	54	-25.12	-	-	-	-	198	172	V
5	3.109	41.29	PK1	32.7	-33.1	40.89	-	-	-	-	68.2	-27.31	122	142	V
6	* 11.084	36.74	PK1	37.9	-27.0	47.64	-	-	74	-26.36	-	-	158	180	V
	* 11.085	25.58	AD1	37.9	-27.0	36.48	54	-17.52	-	-	-	-	158	180	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average

10.2.5. TX ABOVE 1 GHz 802.11a MODE IN THE 5.3 GHz BAND

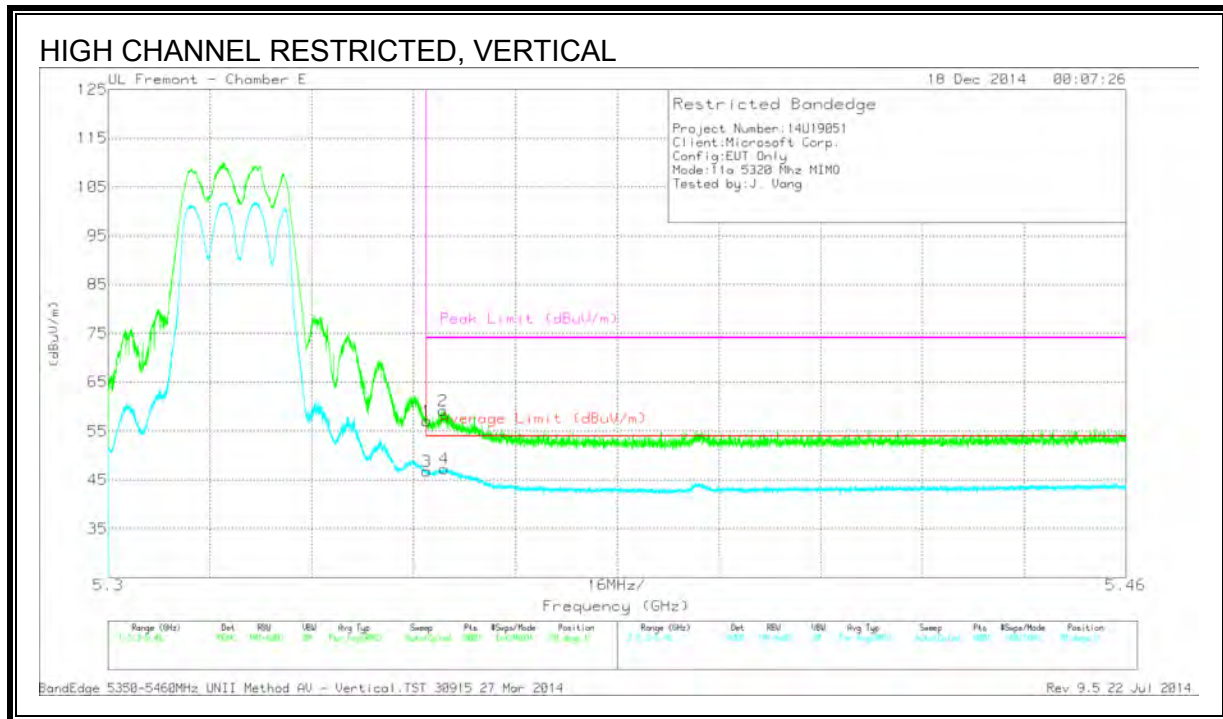
RESTRICTED BANDEDGE (HIGH CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/ 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	* 5.350	40.19	PK	34.5	-21.4	53.29	-	-	74	-20.71	260	327	H
2	* 5.460	42.06	PK	34.6	-20.8	55.86	-	-	74	-18.14	260	327	H
3	* 5.350	30.35	RMS	34.5	-21.4	43.45	54	-10.55	-	-	260	327	H
4	* 5.350	31.42	RMS	34.5	-21.4	44.52	54	-9.48	-	-	260	327	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK - Peak detector
 RMS - RMS detection

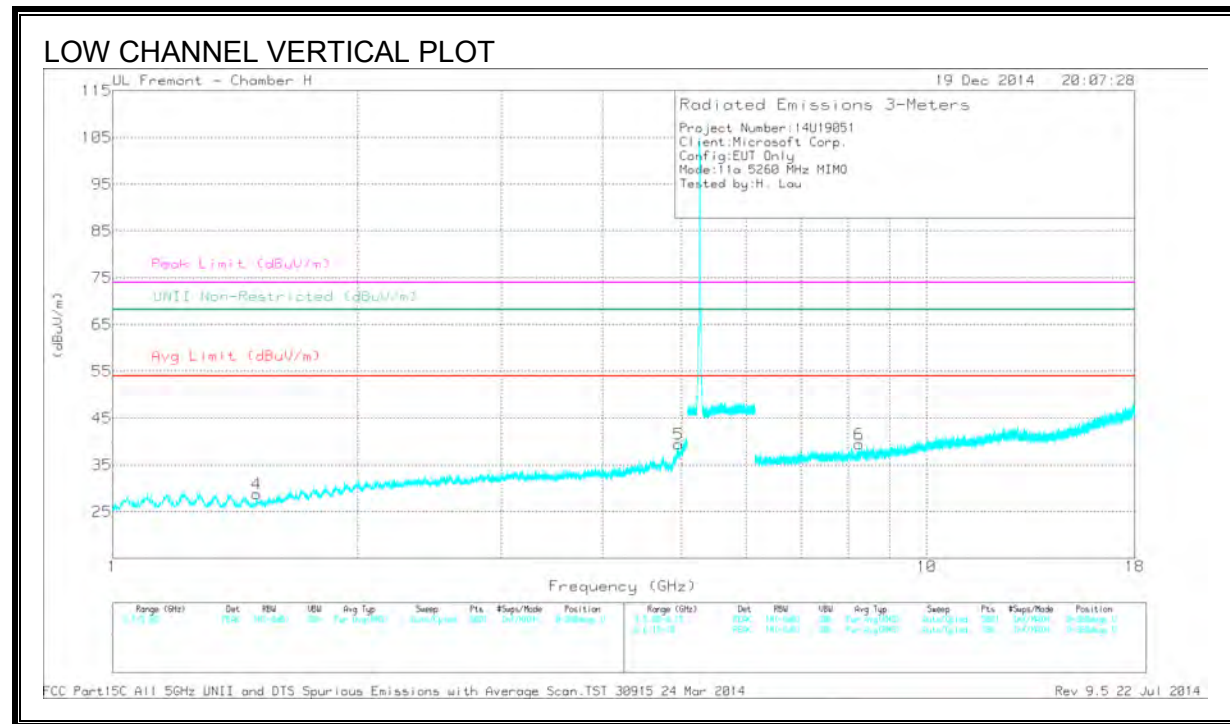
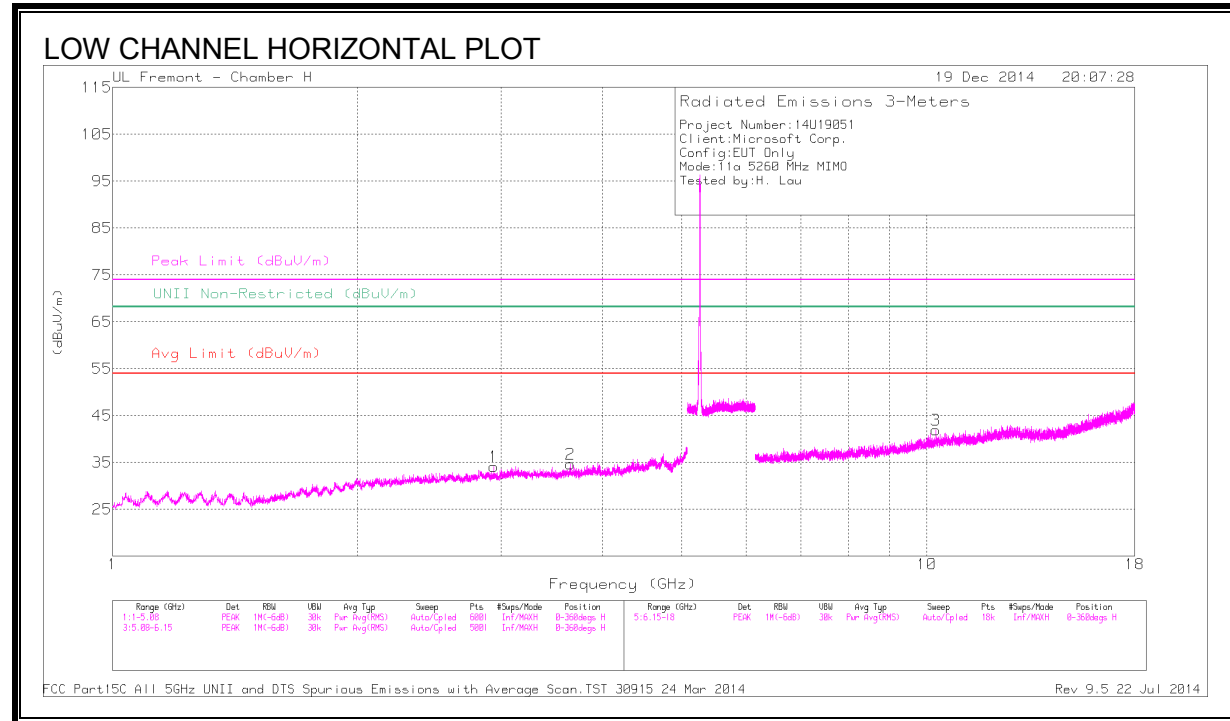


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/ 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	* 5.350	43.98	PK	34.5	-21.4	57.08	-	-	74	-16.92	70	122	V
2	* 5.353	46.16	PK	34.5	-21.4	59.26	-	-	74	-14.74	70	122	V
3	* 5.350	33.66	RMS	34.5	-21.4	46.76	54	-7.24	-	-	70	122	V
4	* 5.353	34.25	RMS	34.5	-21.4	47.35	54	-6.65	-	-	70	122	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK - Peak detector
 RMS - RMS detection

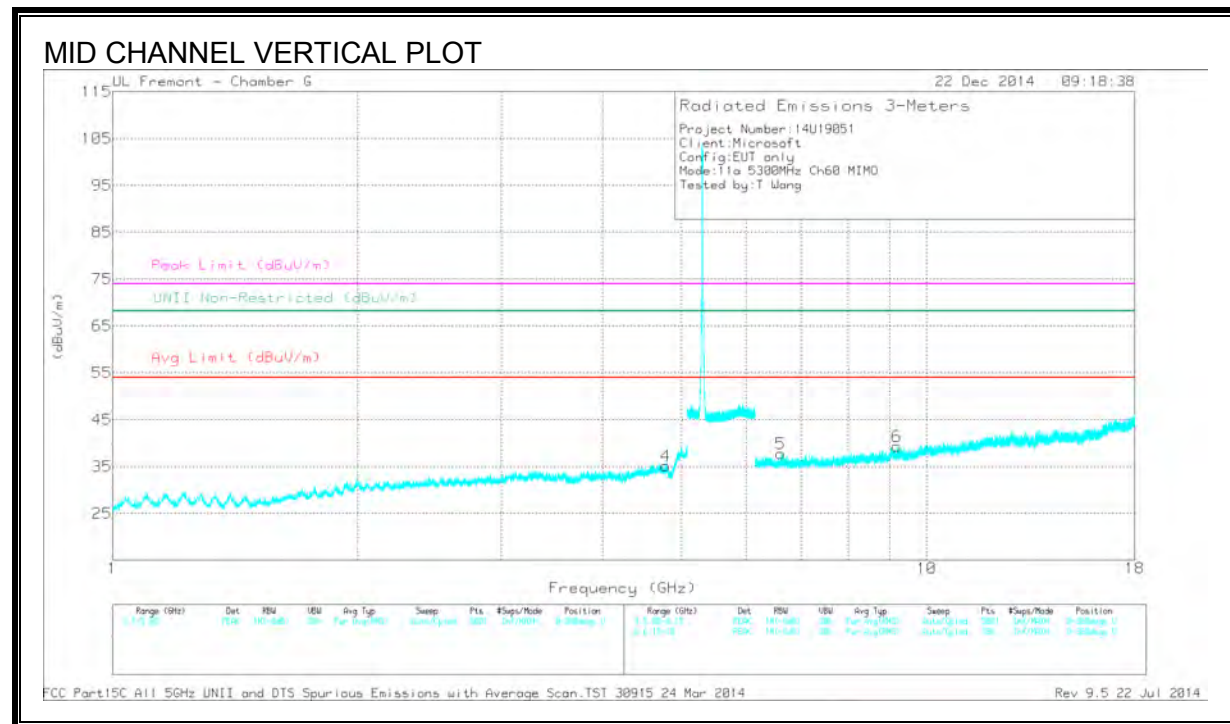
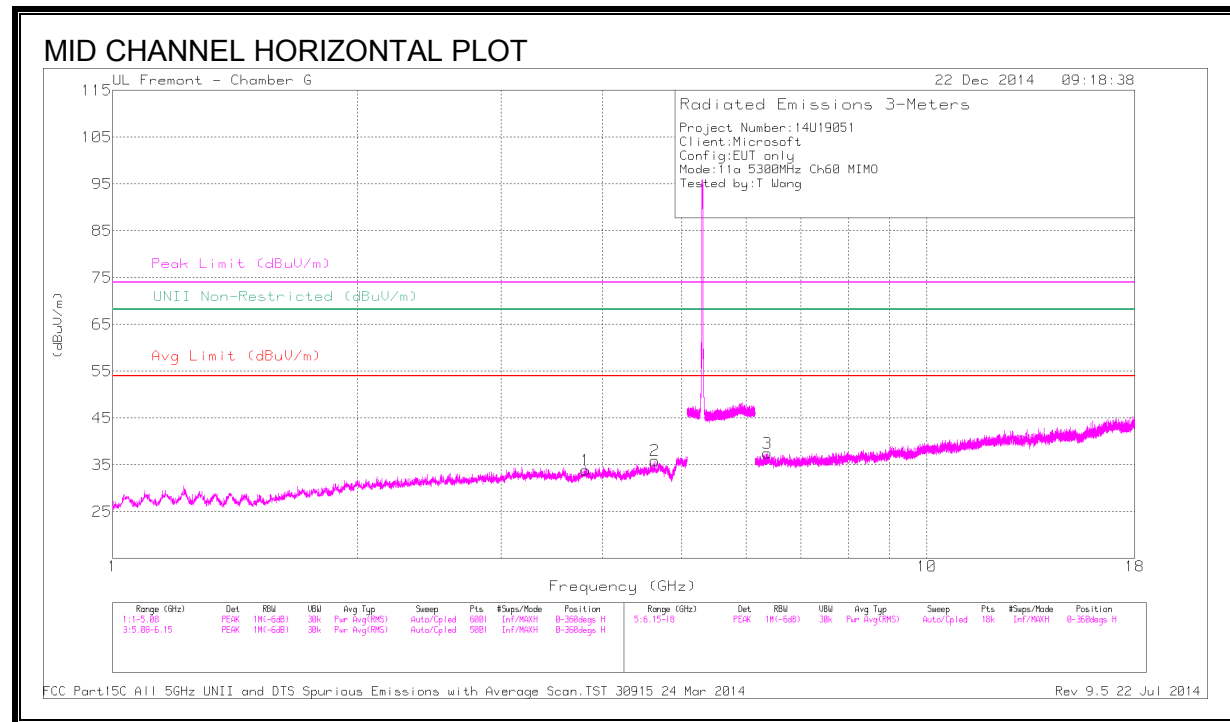
HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb V/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	2.941	41.95	PK1	32.7	-33.8	40.85	-	-	-	-	68.2	-27.35	61	180	H
2	* 3.652	41.34	PK1	33.0	-32.2	42.14	-	-	74	-31.86	-	-	2	121	H
	* 3.652	29.48	AD1	33.0	-32.2	30.28	54	-23.72	-	-	-	-	2	121	H
3	10.262	35.97	PK1	37.4	-25.1	48.27	-	-	-	-	68.2	-19.93	299	116	H
4	* 1.504	43.55	PK1	27.7	-35.2	36.05	-	-	74	-37.95	-	-	161	223	V
	* 1.503	31.79	AD1	27.7	-35.2	24.29	54	-29.71	-	-	-	-	161	223	V
5	* 4.955	41.57	PK1	34.3	-31.0	44.87	-	-	74	-29.13	-	-	339	134	V
	* 4.955	30.27	AD1	34.3	-31.0	33.57	54	-20.43	-	-	-	-	339	134	V
6	* 8.258	38.86	PK1	36.1	-28.5	46.46	-	-	74	-27.54	-	-	223	211	V
	* 8.258	27.13	AD1	36.1	-28.5	34.73	54	-19.27	-	-	-	-	223	211	V

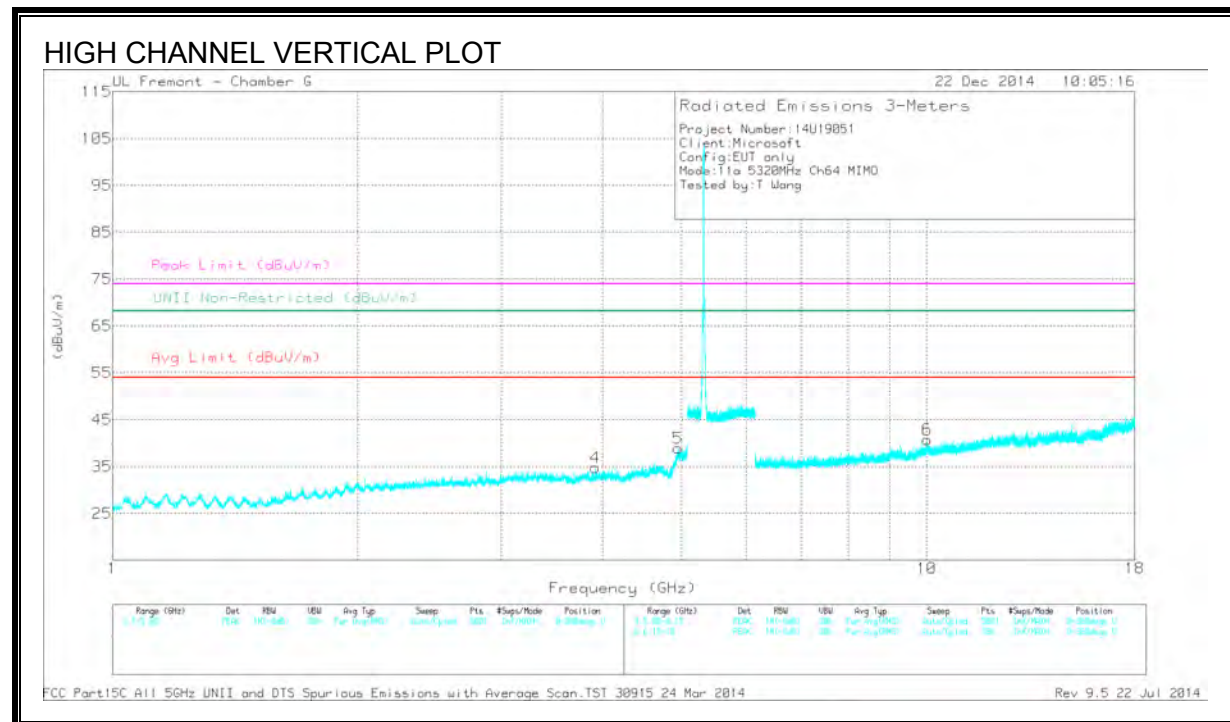
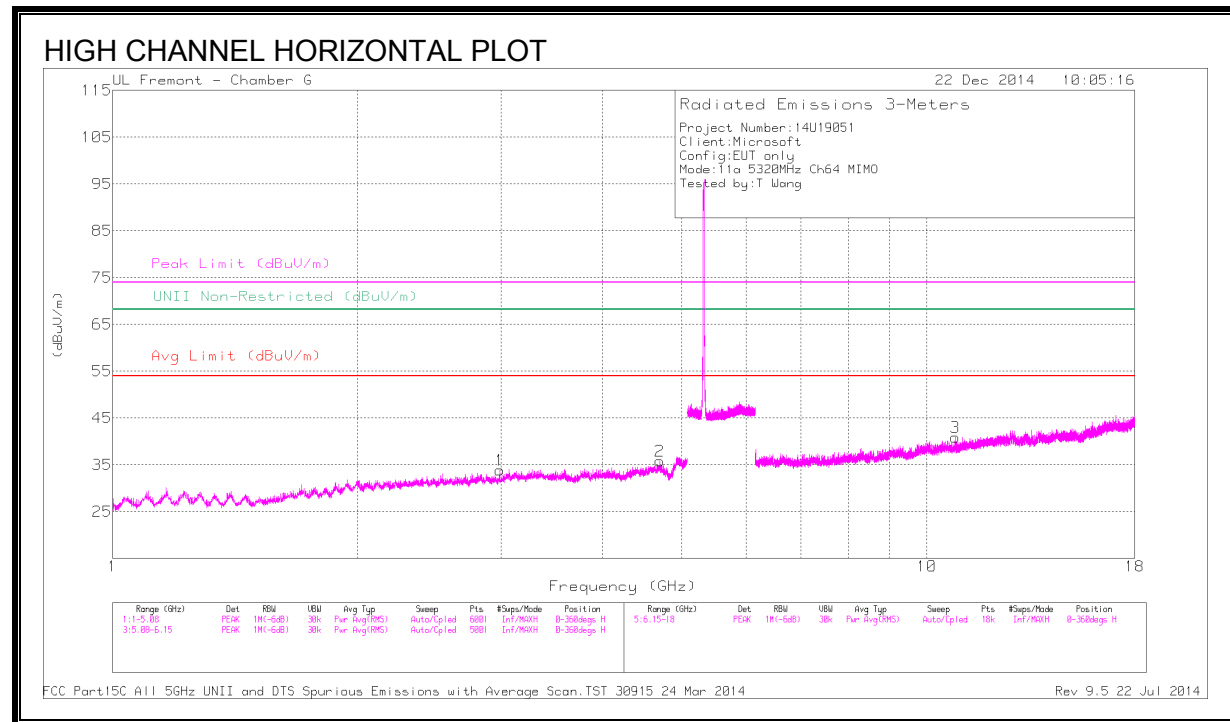
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb I/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	* 3.807	41.73	PK1	33.0	-33.2	41.53	-	-	74	-32.47	-	-	301	174	H
	* 3.809	30.43	AD1	33.0	-33.2	30.23	54	-23.77	-	-	-	-	301	174	H
2	* 4.635	41.98	PK1	33.9	-32.9	42.98	-	-	74	-31.02	-	-	301	174	H
	* 4.636	30.60	AD1	33.9	-32.9	31.60	54	-22.40	-	-	-	-	301	174	H
3	6.370	40.73	PK1	35.7	-32.1	44.33	-	-	-	-	68.2	-23.87	184	389	H
4	* 4.782	41.71	PK1	34.1	-32.8	43.01	-	-	74	-30.99	-	-	153	161	V
	* 4.782	30.56	AD1	34.1	-32.8	31.86	54	-22.14	-	-	-	-	153	161	V
5	6.621	40.87	PK1	35.6	-31.9	44.57	-	-	-	-	68.2	-23.63	309	396	V
6	* 9.183	39.89	PK1	36.5	-29.6	46.79	-	-	74	-27.21	-	-	141	193	V
	* 9.184	27.56	AD1	36.5	-29.6	34.46	54	-19.54	-	-	-	-	141	193	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average



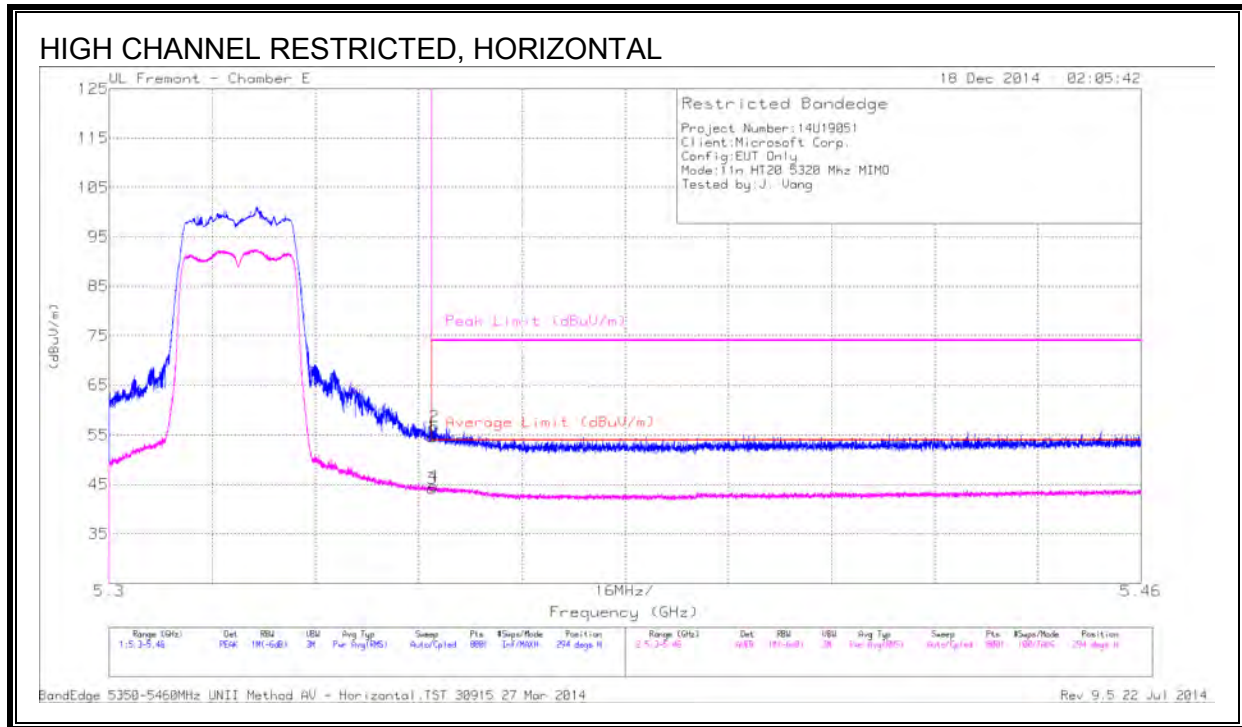
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb I/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	2.986	42.73	PK1	32.4	-34.4	40.73	-	-	-	-	68.2	-27.47	136	399	H
2	* 4.703	41.50	PK1	34.0	-32.8	42.70	-	-	74	-31.30	-	-	136	399	H
	* 4.699	30.15	AD1	34.0	-32.9	31.25	54	-22.75	-	-	-	-	136	399	H
3	* 10.844	36.04	PK1	37.7	-26.5	47.24	-	-	74	-26.76	-	-	358	161	H
	* 10.844	24.64	AD1	37.7	-26.5	35.84	54	-18.16	-	-	-	-	358	161	H
4	* 3.918	41.34	PK1	33.2	-33.7	40.84	-	-	74	-33.16	-	-	5	337	V
	* 3.917	29.98	AD1	33.2	-33.7	29.48	54	-24.52	-	-	-	-	5	337	V
5	* 4.948	41.96	PK1	34.1	-31.8	44.26	-	-	74	-29.74	-	-	5	337	V
	* 4.946	31.07	AD1	34.1	-31.8	33.37	54	-20.63	-	-	-	-	5	337	V
6	10.018	37.40	PK1	37.4	-27.5	47.30	-	-	-	-	68.2	-20.90	76	108	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average

10.2.6. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.3 GHz BAND

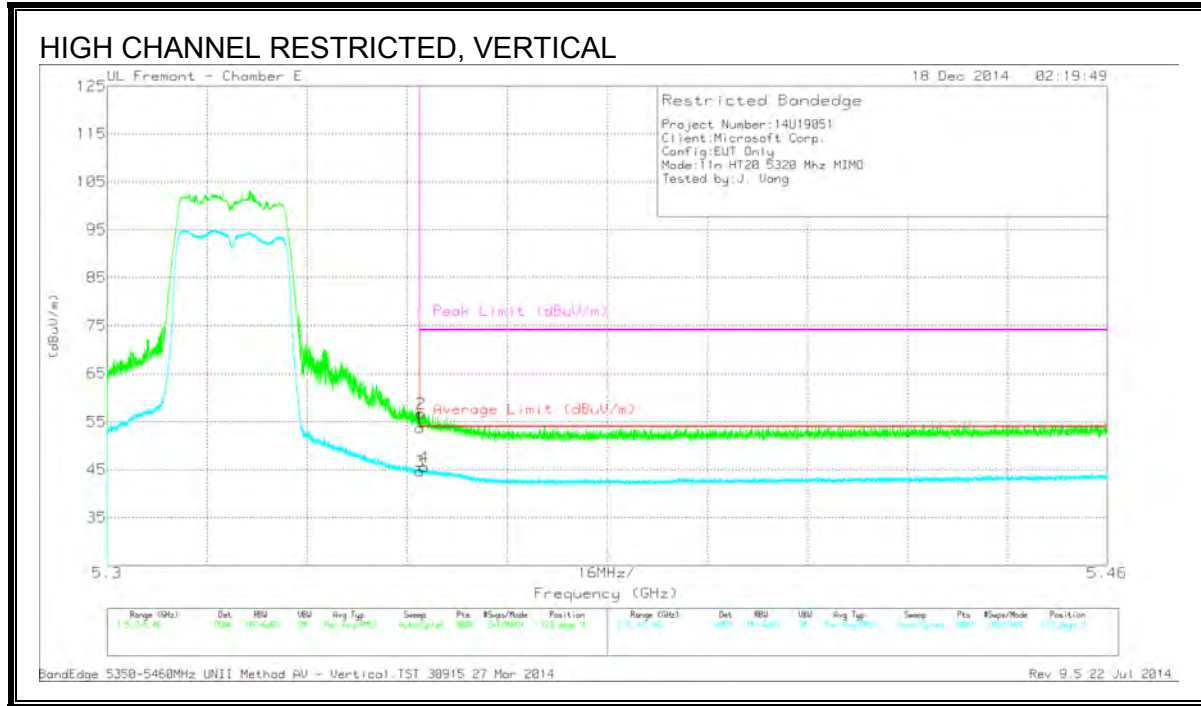
RESTRICTED BANDEDGE (HIGH CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/ 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	* 5.350	41.55	PK	34.5	-21.4	54.65	-	-	74	-19.35	294	289	H
2	* 5.350	43.68	PK	34.5	-21.4	56.78	-	-	74	-17.22	294	289	H
3	* 5.350	31.15	RMS	34.5	-21.4	44.25	54	-9.75	-	-	294	289	H
4	* 5.350	31.60	RMS	34.5	-21.4	44.70	54	-9.30	-	-	294	289	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK - Peak detector
 RMS - RMS detection

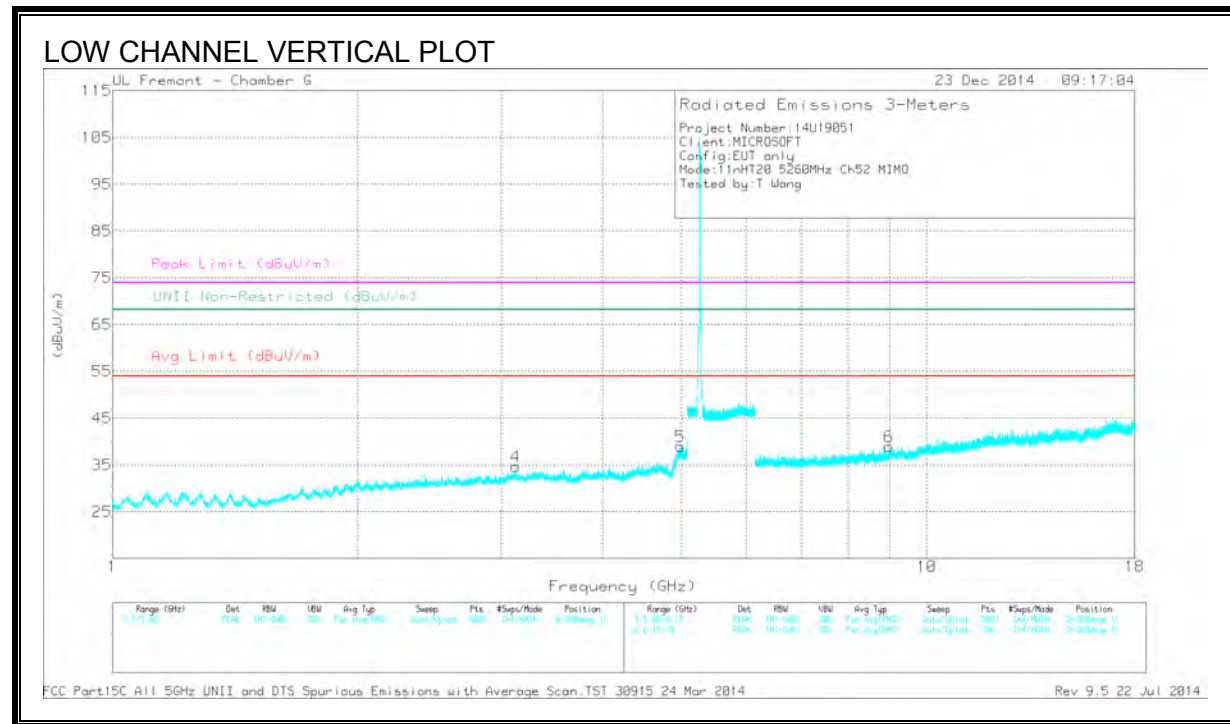
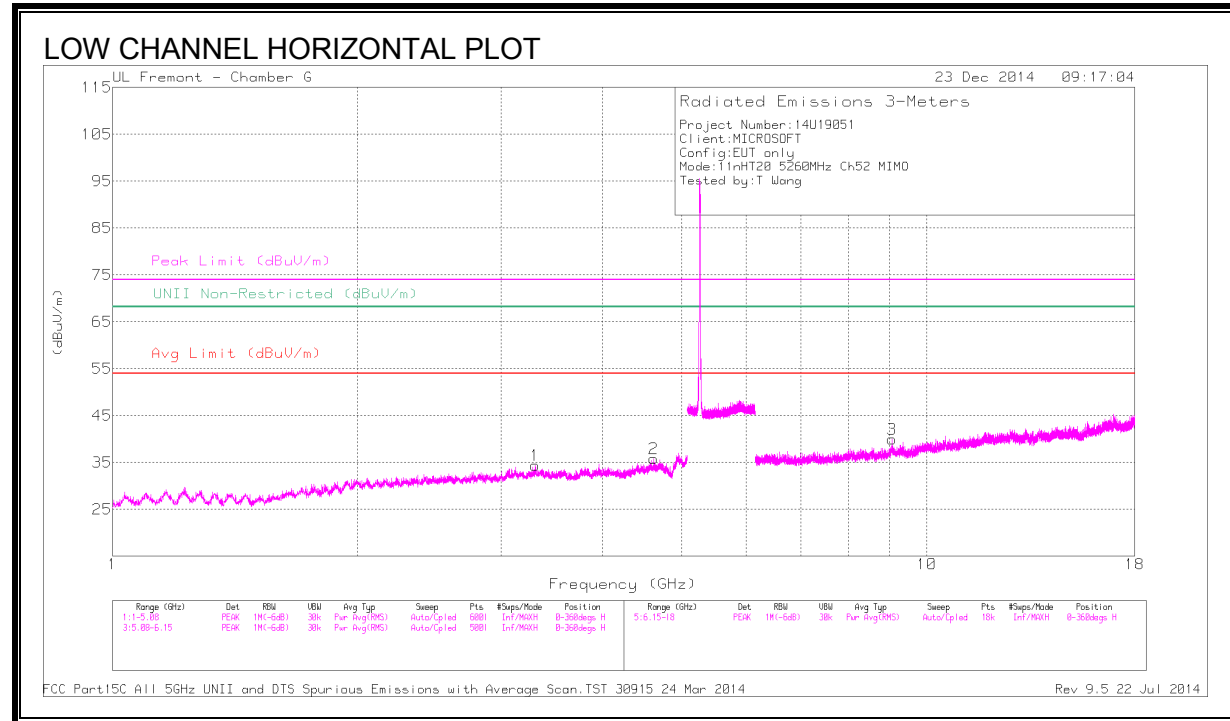


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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)	Polarit y
1	* 5.350	40.66	PK	34.5	-21.4	53.76	-	-	74	-20.24	123	287	V
2	* 5.350	43.61	PK	34.5	-21.4	56.71	-	-	74	-17.29	123	287	V
3	* 5.350	31.59	RMS	34.5	-21.4	44.69	54	-9.31	-	-	123	287	V
4	* 5.351	32.51	RMS	34.5	-21.4	45.61	54	-8.39	-	-	123	287	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK - Peak detector
 RMS - RMS detection

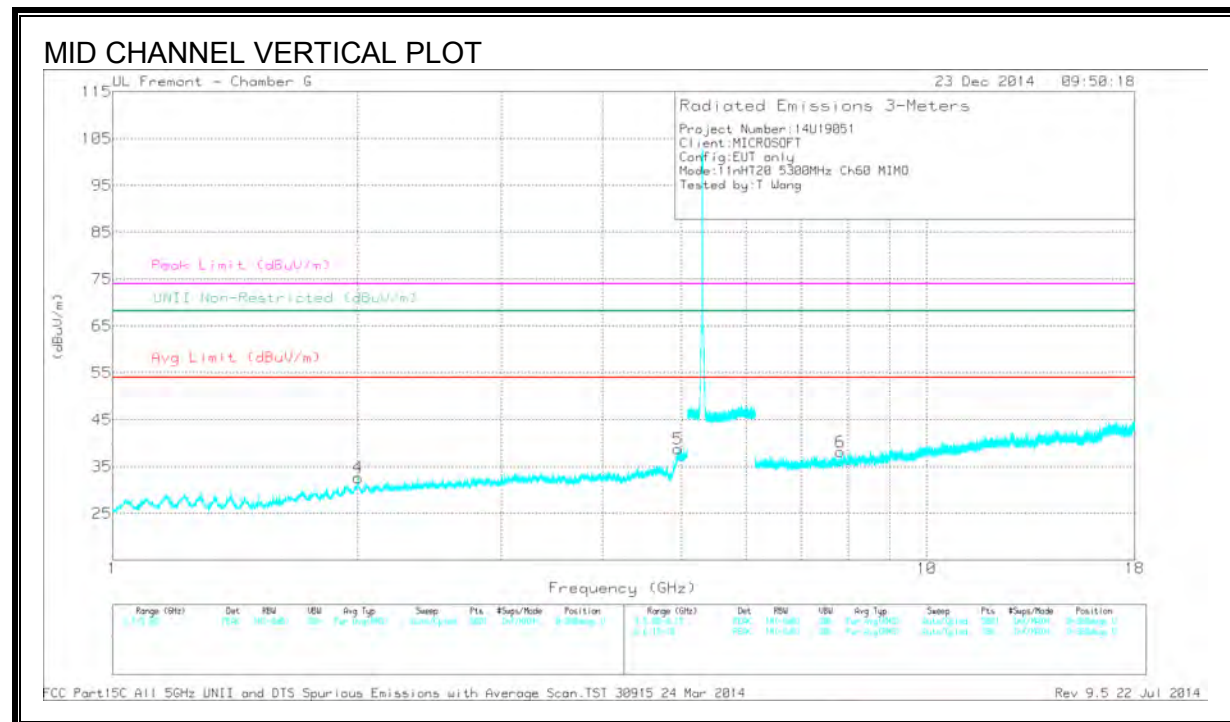
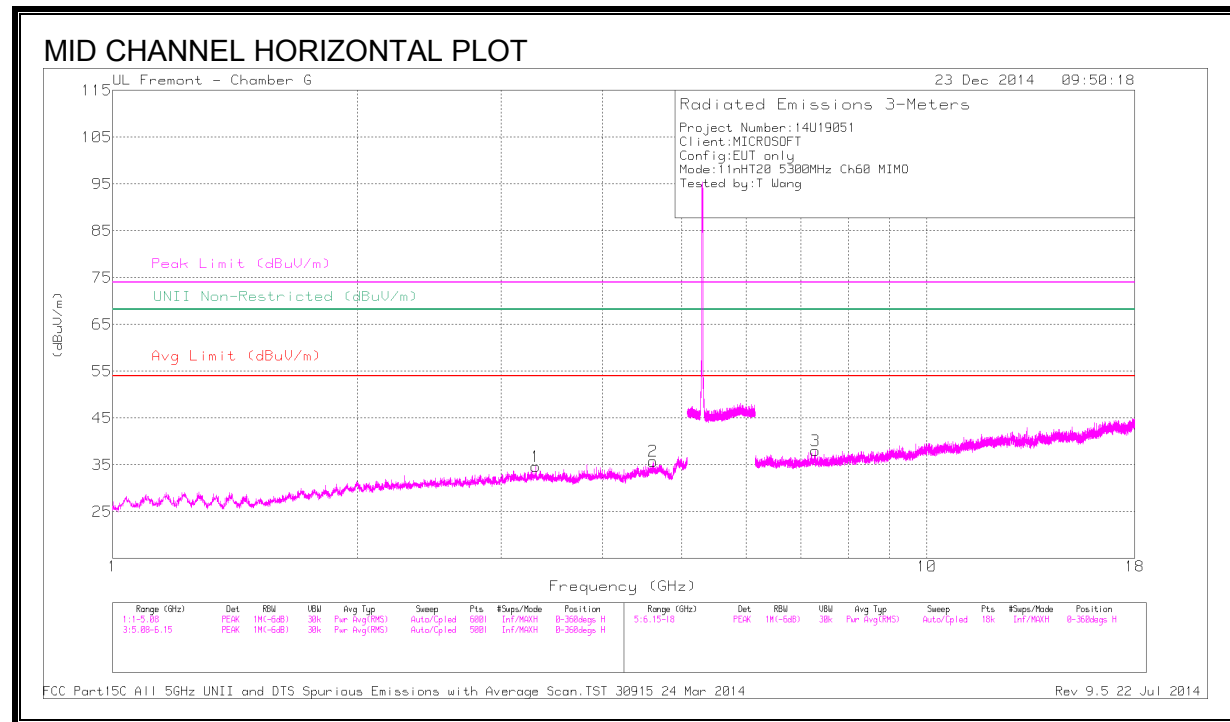
HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb V/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)	Polarit y
1	3.304	42.04	PK1	33.0	-33.4	41.64	-	-	-	-	68.2	-26.56	359	377	H
2	* 4.618	41.12	PK1	33.9	-32.6	42.42	-	-	74	-31.58	-	-	359	377	H
	* 4.620	29.90	AD1	33.9	-32.7	31.10	54	-22.90	-	-	-	-	359	377	H
3	* 9.059	37.67	PK1	36.4	-28.2	45.87	-	-	74	-28.13	-	-	70	185	H
	* 9.058	26.68	AD1	36.4	-28.2	34.88	54	-19.12	-	-	-	-	70	185	H
4	3.127	42.06	PK1	32.7	-33.4	41.36	-	-	-	-	68.2	-26.84	115	102	V
5	* 4.982	44.28	PK1	34.1	-31.8	46.58	-	-	74	-27.42	-	-	115	102	V
	* 4.985	32.94	AD1	34.1	-31.9	35.14	54	-18.86	-	-	-	-	115	102	V
6	8.990	38.98	PK1	36.4	-29.2	46.18	-	-	-	-	68.2	-22.02	115	102	V

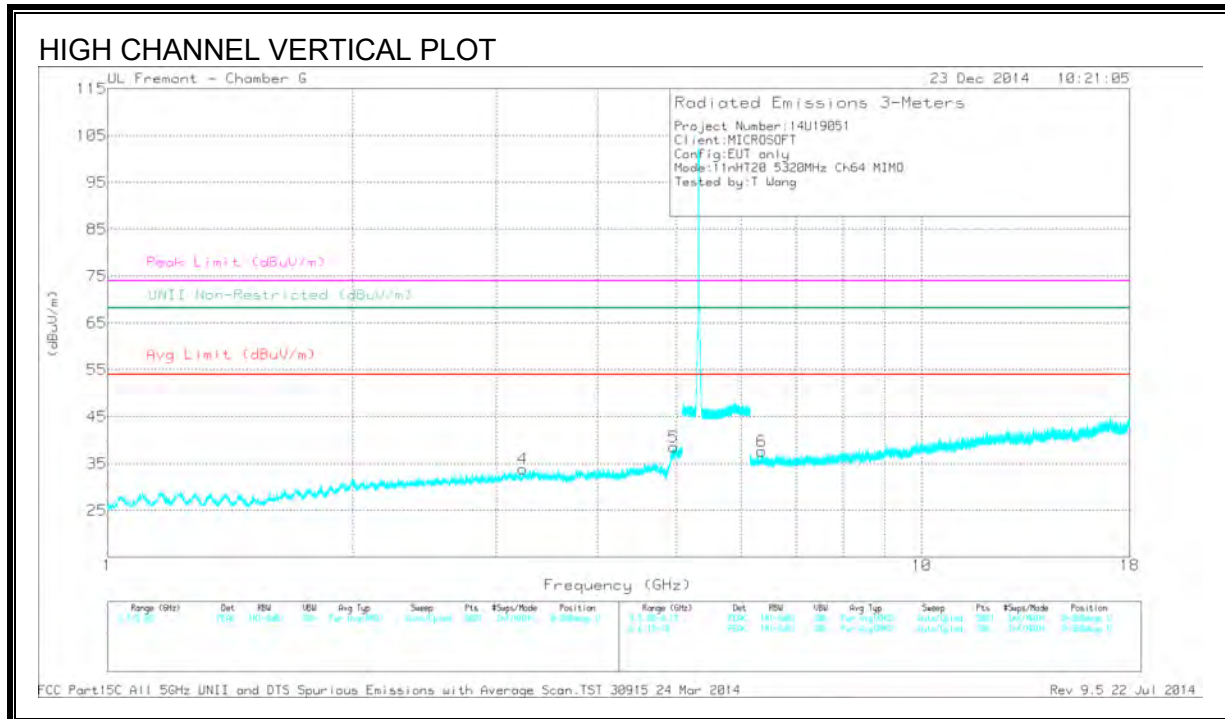
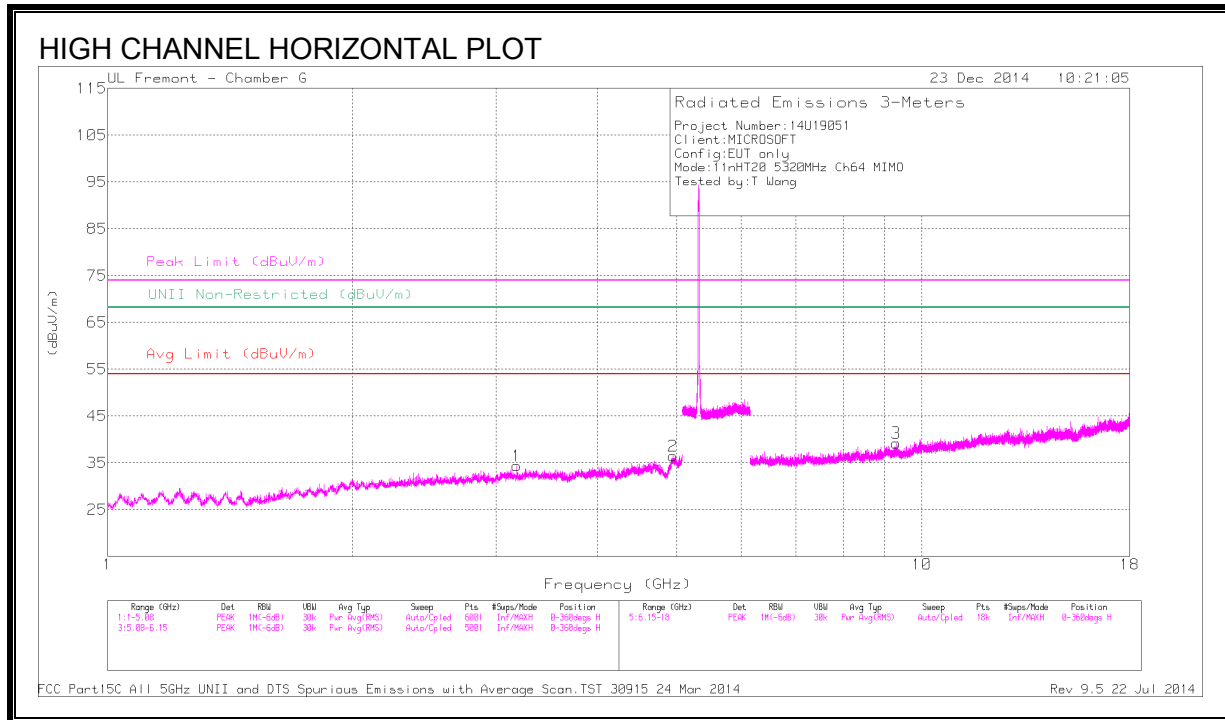
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb I/Ftr/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	3.311	41.63	PK1	33.0	-33.4	41.23	-	-	-	-	68.2	-26.97	301	348	H
2	* 4.611	41.10	PK1	33.9	-32.6	42.40	-	-	74	-31.60	-	-	301	348	H
	* 4.611	29.46	AD1	33.9	-32.6	30.76	54	-23.24	-	-	-	-	301	348	H
3	* 7.294	39.79	PK1	35.6	-31.7	43.69	-	-	74	-30.31	-	-	301	348	H
	* 7.296	29.39	AD1	35.6	-31.7	33.29	54	-20.71	-	-	-	-	301	348	H
4	2.005	42.85	PK1	31.3	-34.7	39.45	-	-	-	-	68.2	-28.75	140	105	V
5	* 4.945	43.87	PK1	34.1	-31.8	46.17	-	-	74	-27.83	-	-	140	105	V
	* 4.944	32.57	AD1	34.1	-31.7	34.97	54	-19.03	-	-	-	-	140	105	V
6	7.834	39.71	PK1	35.7	-30.4	45.01	-	-	-	-	68.2	-23.19	140	105	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average



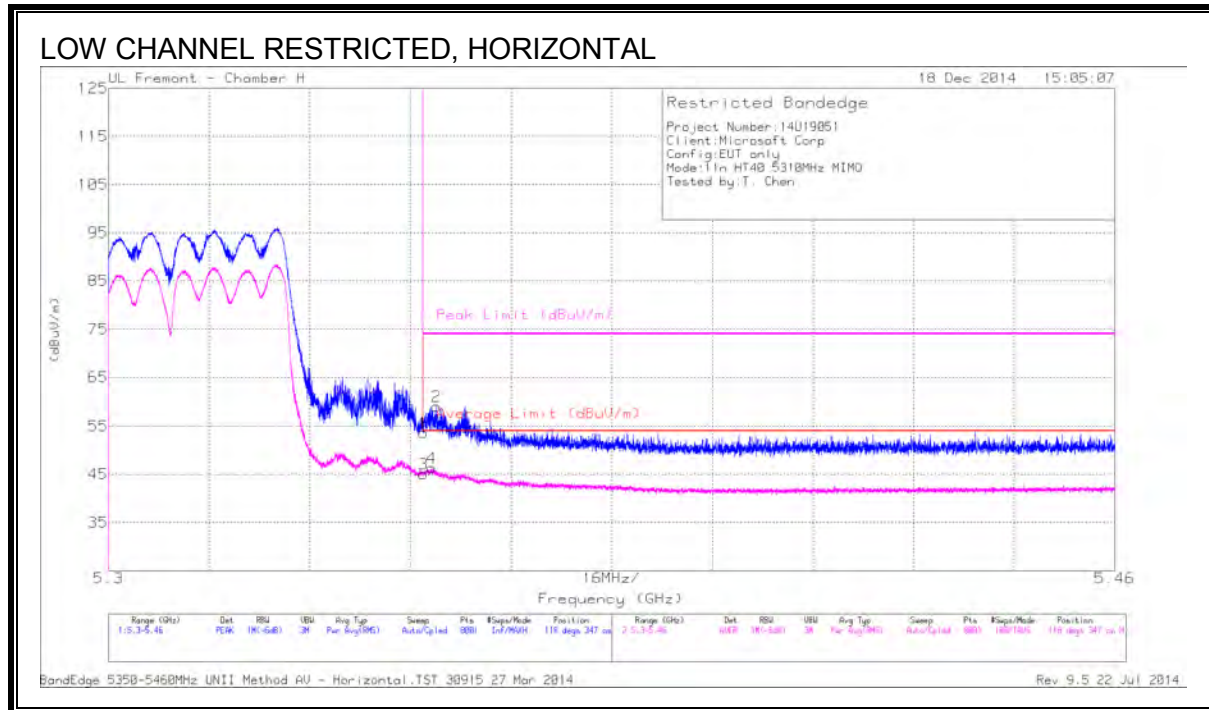
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb I/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	3.179	43.79	PK1	32.8	-33.8	42.79	-	-	-	-	68.2	-25.41	205	197	H
2	* 4.948	41.66	PK1	34.1	-31.8	43.96	-	-	74	-30.04	-	-	205	197	H
	* 4.945	30.06	AD1	34.1	-31.8	32.36	54	-21.64	-	-	-	-	205	197	H
3	* 9.301	39.08	PK1	36.5	-28.9	46.68	-	-	74	-27.32	-	-	349	294	H
	* 9.301	26.75	AD1	36.5	-28.9	34.35	54	-19.65	-	-	-	-	349	294	H
4	3.234	42.27	PK1	33.0	-34.4	40.87	-	-	-	-	68.2	-27.33	146	354	V
5	* 4.954	42.85	PK1	34.1	-31.9	45.05	-	-	74	-28.95	-	-	146	354	V
	* 4.954	31.33	AD1	34.1	-31.9	33.53	54	-20.47	-	-	-	-	146	354	V
6	6.360	41.45	PK1	35.7	-32.2	44.95	-	-	-	-	68.2	-23.25	146	354	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average

10.2.7. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.3 GHz BAND

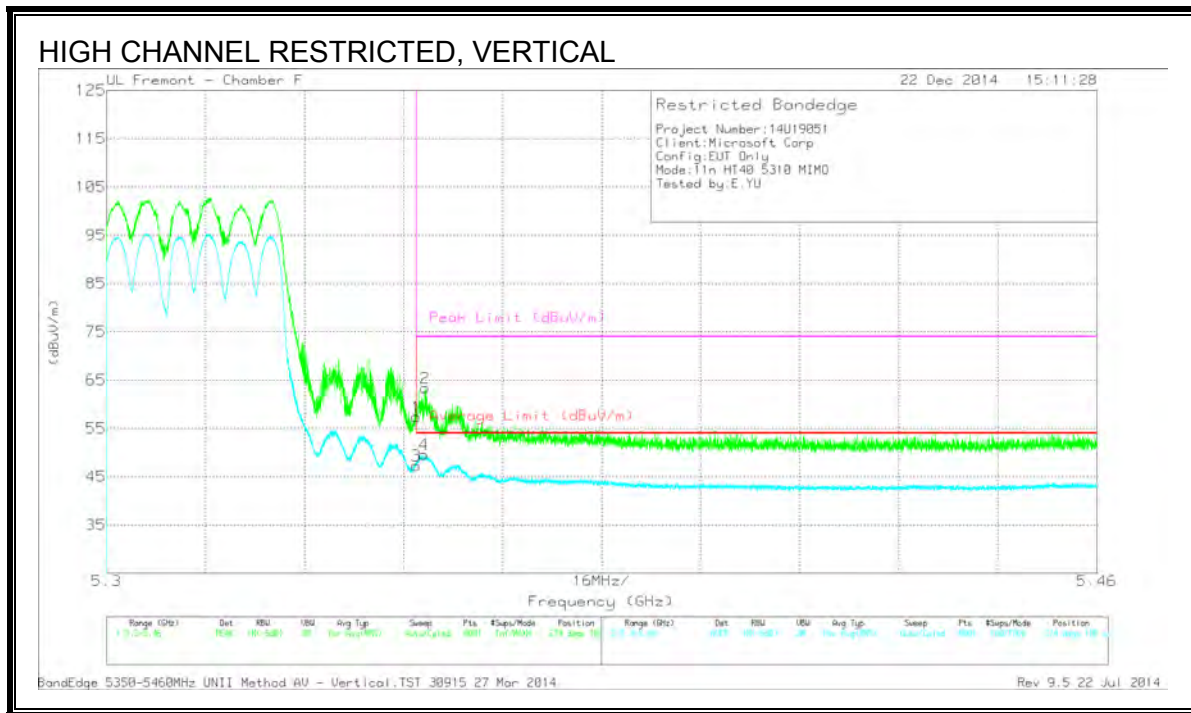
RESTRICTED BANDEDGE (HIGH CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	* 5.35	41.43	PK	34.9	-22.7	53.63	-	-	74	-20.37	118	347	H
2	* 5.352	46.93	PK	34.9	-22.7	59.13	-	-	74	-14.87	118	347	H
3	* 5.35	32.91	RMS	34.9	-22.7	45.11	54	-8.89	-	-	118	347	H
4	* 5.351	34.12	RMS	34.9	-22.7	46.32	54	-7.68	-	-	118	347	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK - Peak detector
 RMS - RMS detection

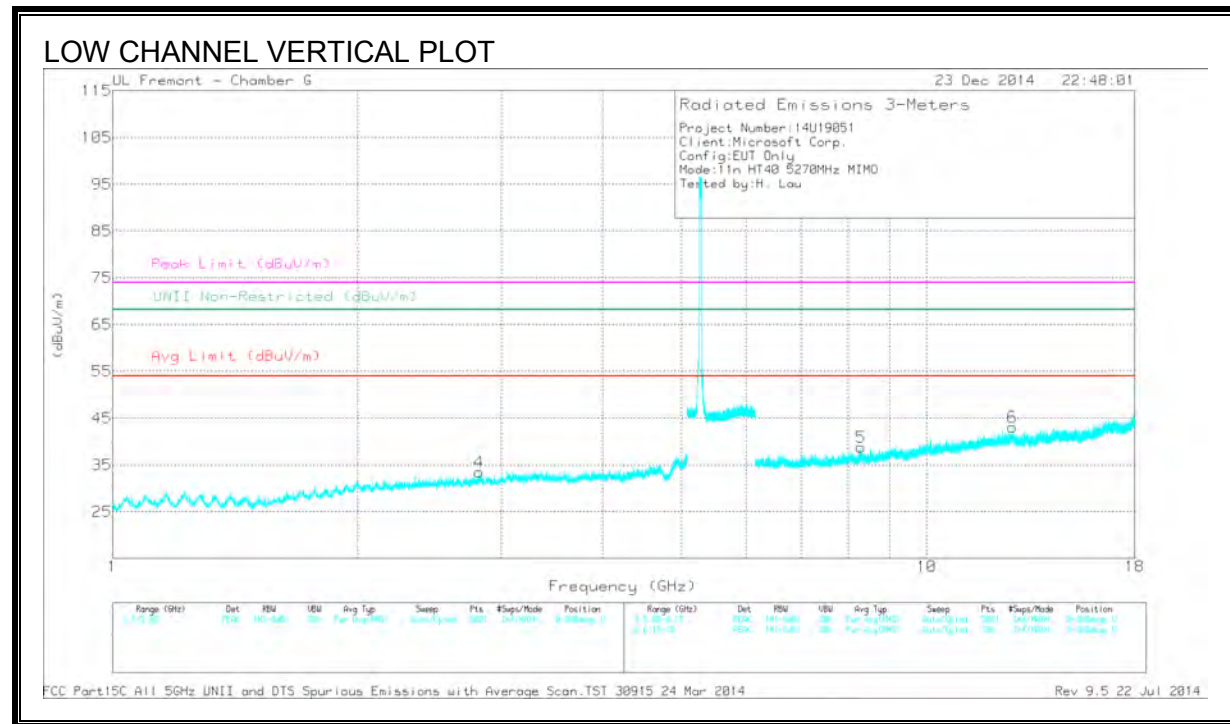
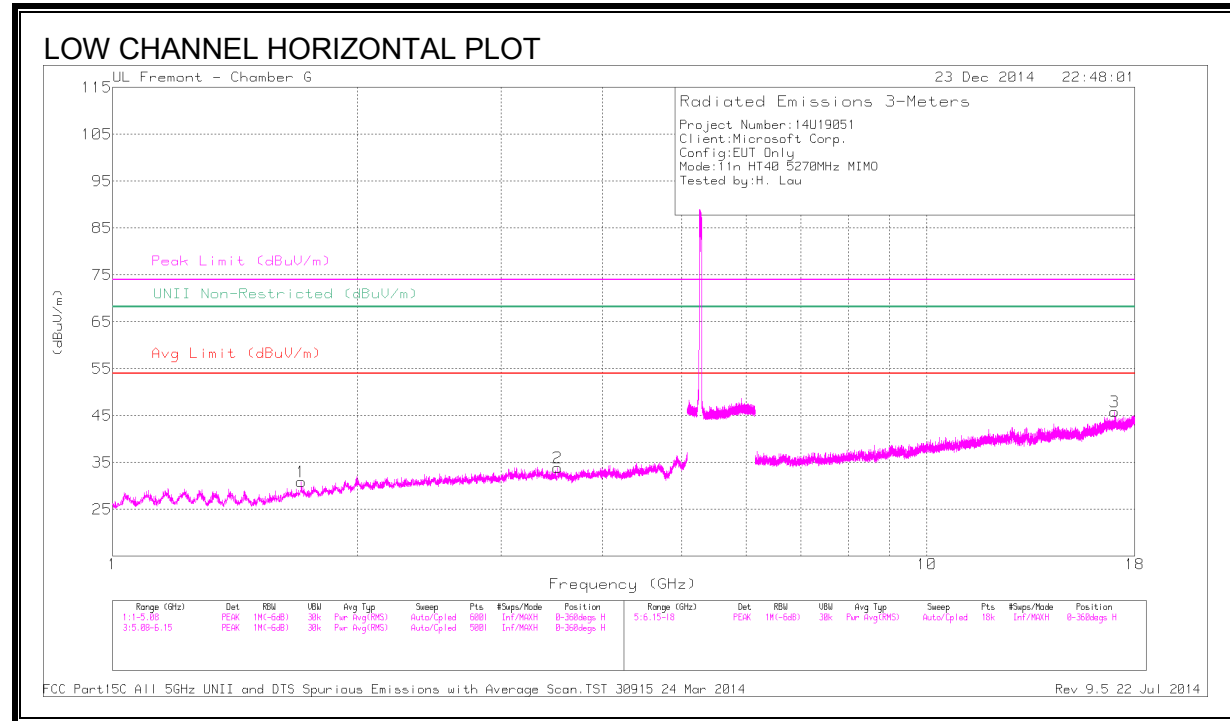


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 5.35	42.1	PK	34.5	-19.2	57.4	-	-	74	-16.6	274	105	V
2	* 5.351	48.11	PK	34.5	-19.2	63.41	-	-	74	-10.59	274	105	V
3	* 5.35	32.02	RMS	34.5	-19.2	47.32	54	-6.68	-	-	274	105	V
4	* 5.351	34.32	RMS	34.5	-19.2	49.62	54	-4.38	-	-	274	105	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK - Peak detector
 RMS - RMS detection

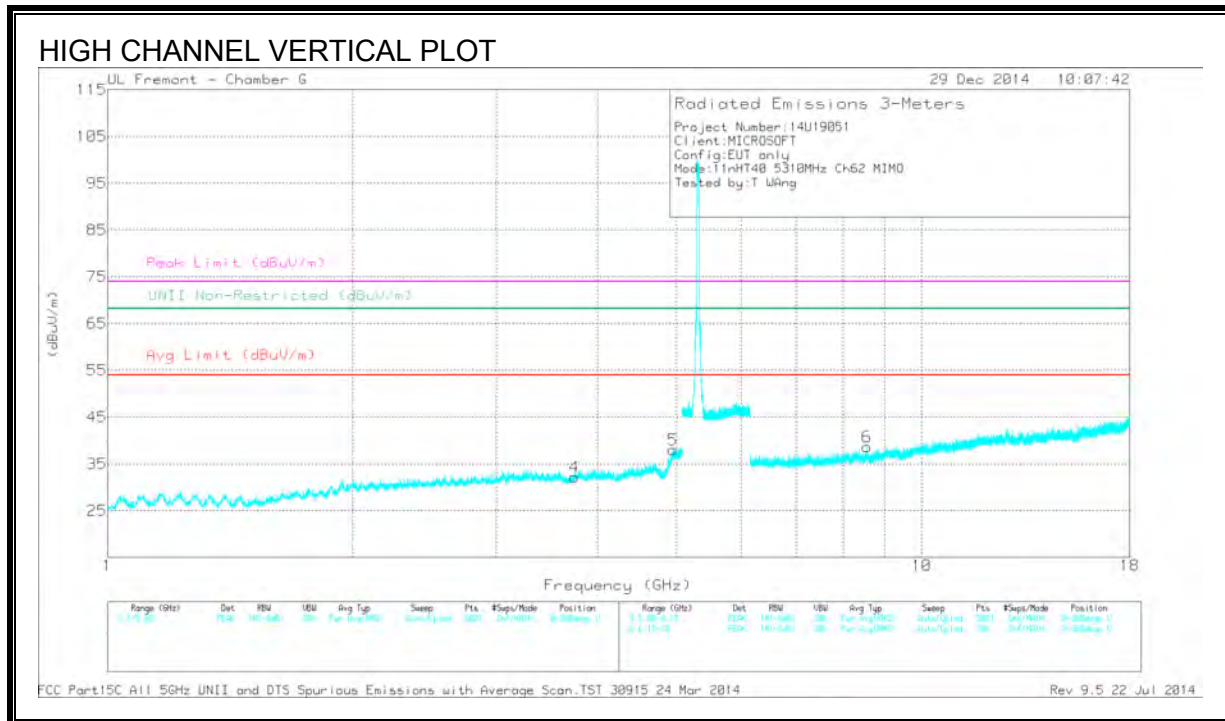
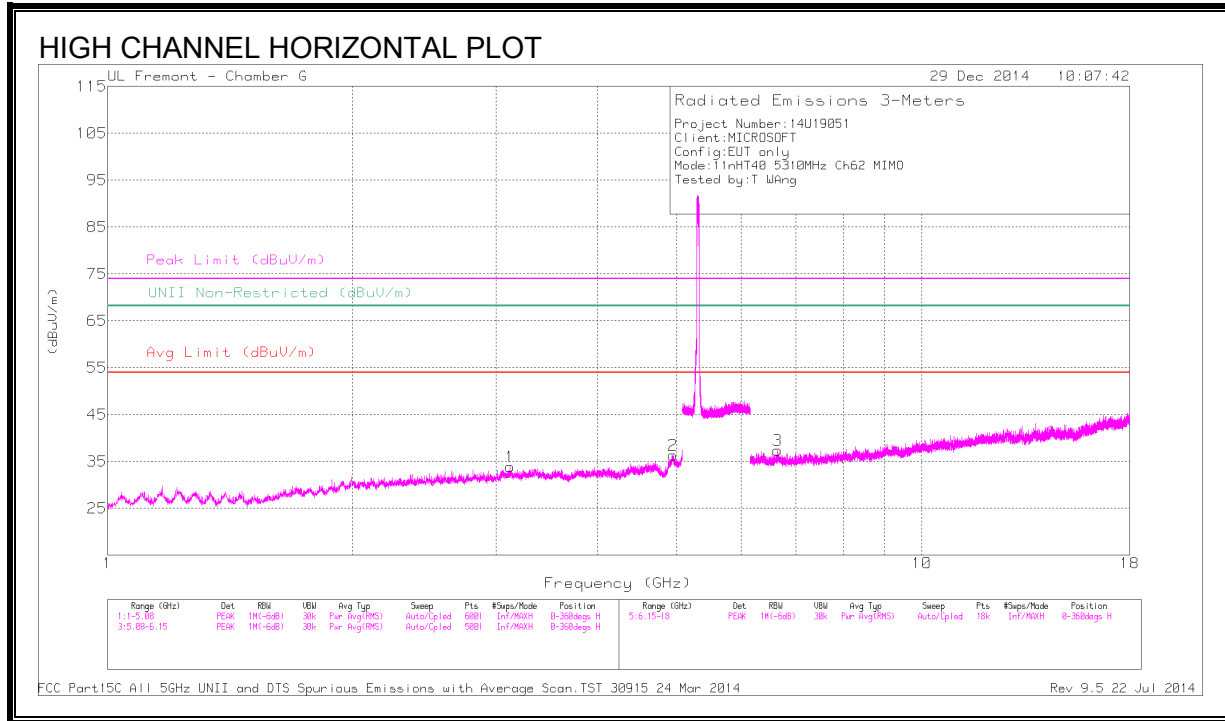
HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb I/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	* 1.704	43.08	PK1	29.3	-34.3	38.08	-	-	74	-35.92	-	-	47	222	H
	* 1.707	31.48	AD1	29.3	-34.3	26.48	54	-27.52	-	-	-	-	47	222	H
2	* 3.520	41.44	PK1	32.8	-33.5	40.74	-	-	74	-33.26	-	-	86	118	H
	* 3.519	30.18	AD1	32.8	-33.6	29.38	54	-24.62	-	-	-	-	86	118	H
3	17.001	35.01	PK1	42.1	-25.8	51.31	-	-	-	-	68.2	-16.89	112	173	H
4	* 2.82	41.84	PK1	32.3	-33.8	40.34	-	-	74	-33.66	-	-	157	140	V
	* 2.823	30.64	AD1	32.3	-33.8	29.14	54	-24.86	-	-	-	-	157	140	V
5	* 8.301	39.61	PK1	35.8	-29.3	46.11	-	-	74	-27.89	-	-	254	164	V
	* 8.300	28.00	AD1	35.8	-29.3	34.5	54	-19.50	-	-	-	-	254	164	V
6	12.742	37.79	PK1	39.1	-25.4	51.49	-	-	-	-	68.2	-16.71	174	133	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average



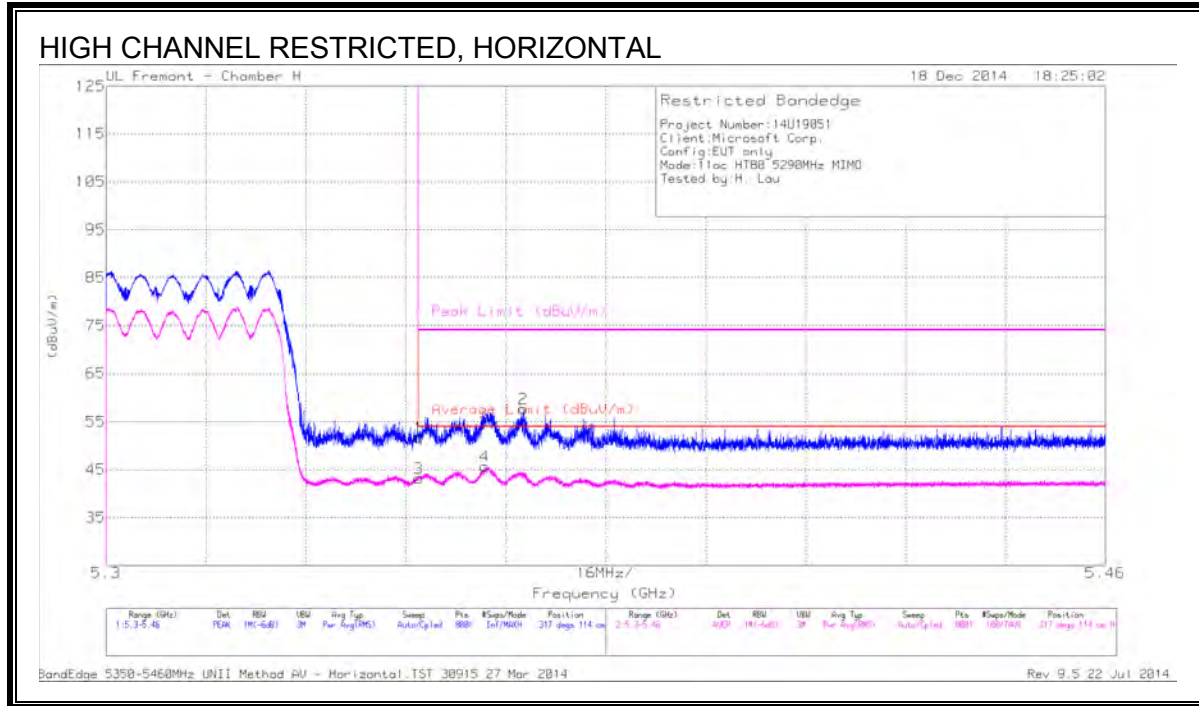
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb I/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	3.117	41.63	PK1	32.7	-33.1	41.23	-	-	-	-	68.2	-26.97	283	314	H
2	* 4.950	41.33	PK1	34.1	-31.8	43.63	-	-	74	-30.37	-	-	283	314	H
	* 4.948	30.00	AD1	34.1	-31.8	32.30	54	-21.70	-	-	-	-	283	314	H
3	6.647	39.69	PK1	35.6	-31.5	43.79	-	-	-	-	68.2	-24.41	283	314	H
4	* 3.743	40.63	PK1	32.9	-33.5	40.03	-	-	74	-33.97	-	-	110	105	V
	* 3.745	29.91	AD1	32.9	-33.5	29.31	54	-24.69	-	-	-	-	110	105	V
5	* 4.946	44.48	PK1	34.1	-31.8	46.78	-	-	74	-27.22	-	-	110	105	V
	* 4.945	32.53	AD1	34.1	-31.8	34.83	54	-19.17	-	-	-	-	110	105	V
6	8.568	37.97	PK1	35.9	-29.3	44.57	-	-	-	-	68.2	-23.63	110	105	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average

10.2.8. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

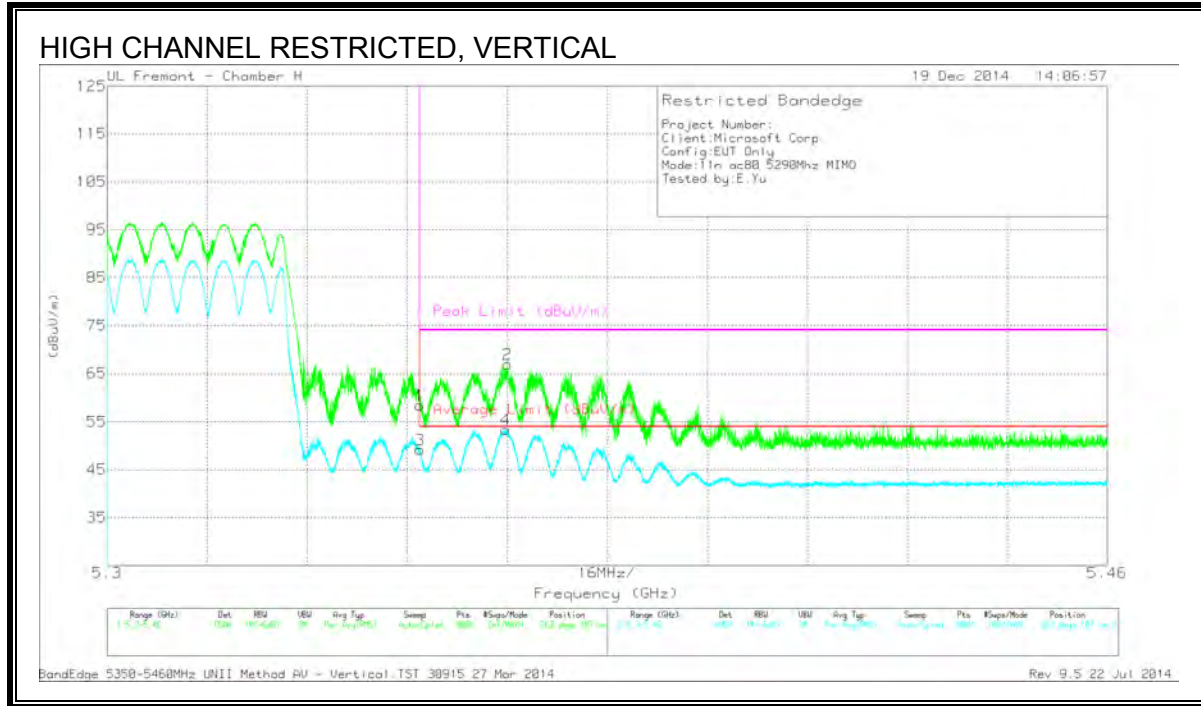
RESTRICTED BANDEDGE (HIGH CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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)	Polarit y
1	* 5.350	39.51	PK	34.9	-22.7	0	51.71	-	-	74	-22.29	317	114	H
2	* 5.367	45.58	PK	34.9	-22.7	0	57.78	-	-	74	-16.22	317	114	H
3	* 5.350	30.79	RMS	34.9	-22.7	.27	43.26	54	-10.74	-	-	317	114	H
4	* 5.361	33.22	RMS	34.9	-22.7	.27	45.69	54	-8.31	-	-	317	114	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK - Peak detector
 RMS - RMS detection

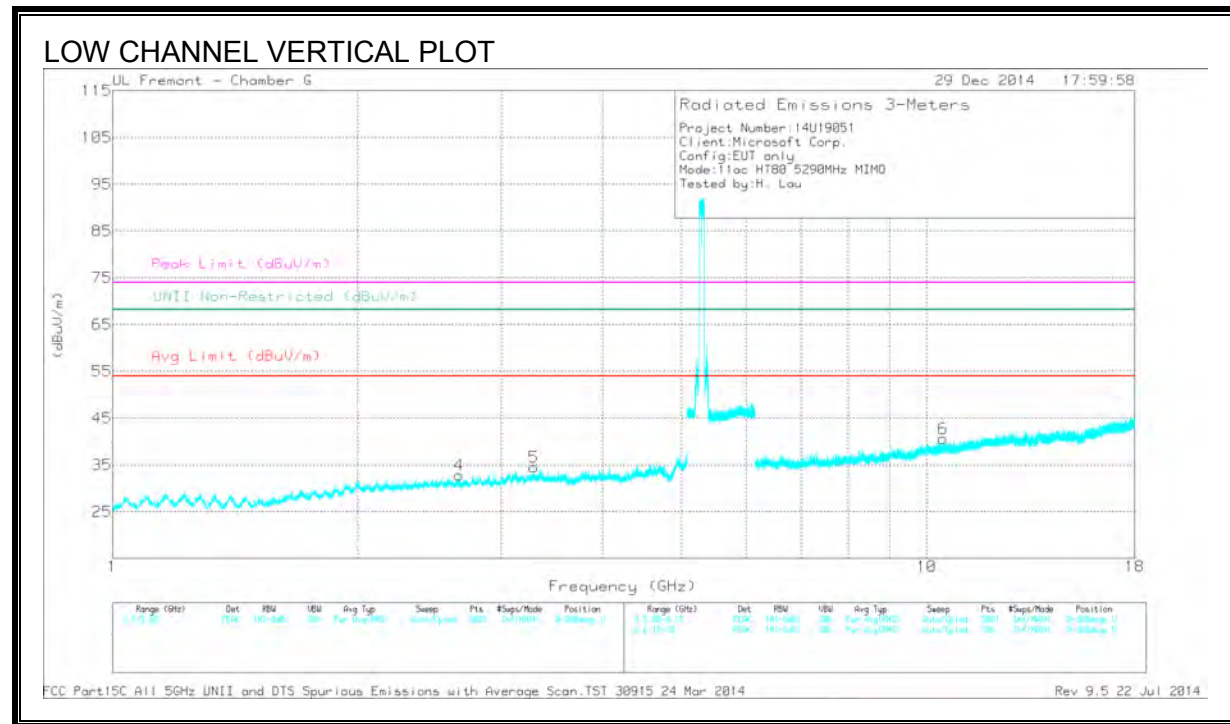
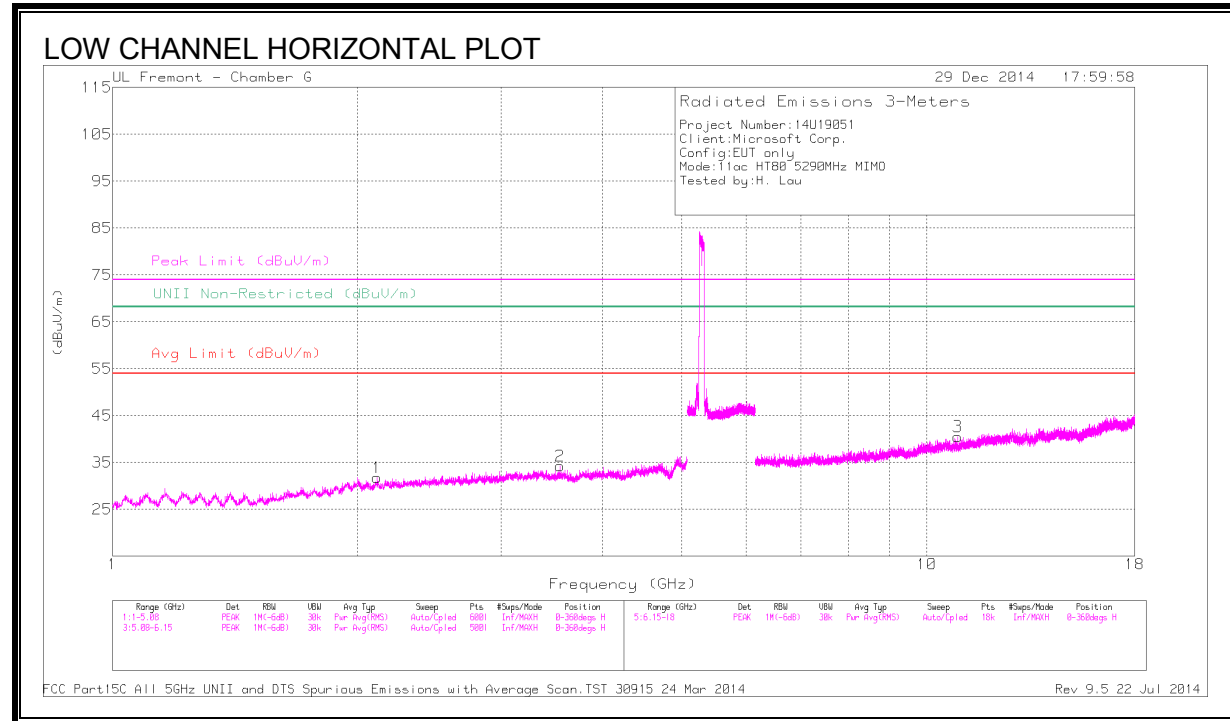


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarit y
1	* 5.350	46.24	PK	34.9	-22.7	0	58.44	-	-	74	-15.56	263	107	V
2	* 5.364	54.78	PK	34.9	-22.7	0	66.98	-	-	74	-7.02	263	107	V
3	* 5.350	36.75	RMS	34.9	-22.7	.26	49.21	54	-4.79	-	-	263	107	V
4	* 5.364	40.94	RMS	34.9	-22.7	.26	53.40	54	-0.60	-	-	263	107	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS



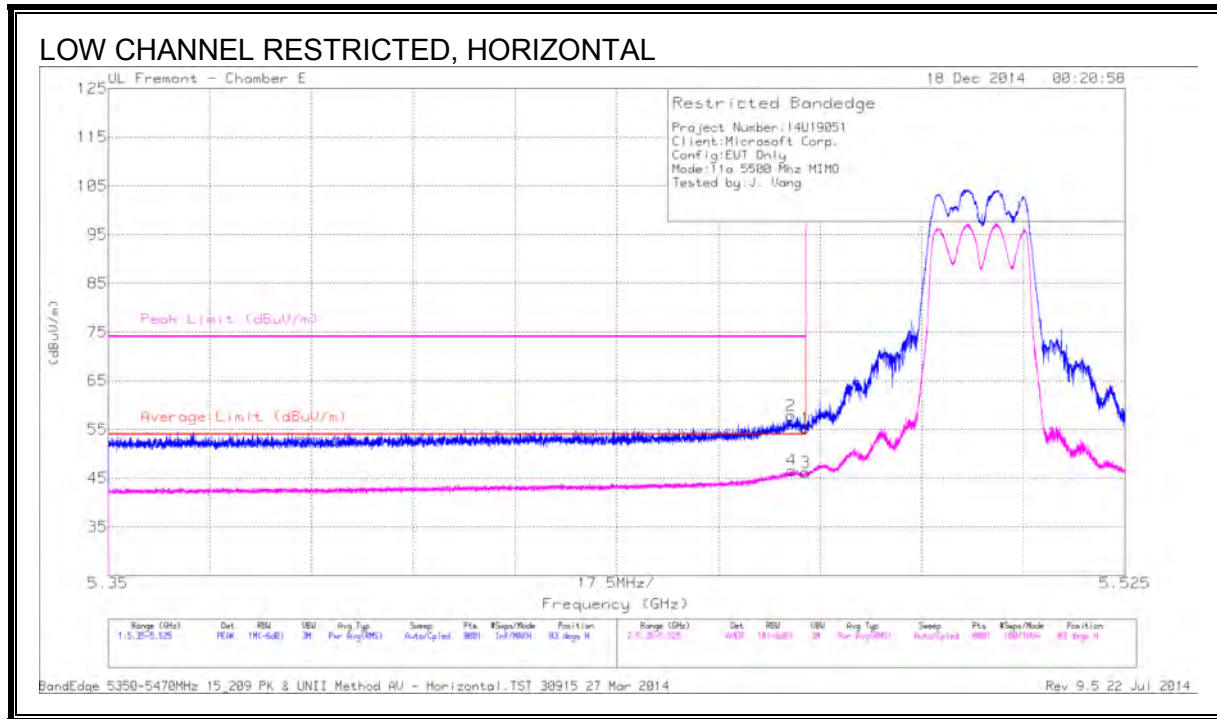
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb I/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	2.110	42.45	PK1	31.4	-34.9	38.95	-	-	-	-	68.2	-29.25	78	114	H
2	* 3.545	41.86	PK1	32.8	-33.5	41.16	-	-	74	-32.84	-	-	221	176	H
	* 3.544	30.34	AD1	32.8	-33.4	29.74	54	-24.26	-	-	-	-	221	176	H
3	* 10.904	36.51	PK1	37.8	-27.0	47.31	-	-	74	-26.69	-	-	43	112	H
	* 10.904	25.08	AD1	37.8	-27.0	35.88	54	-18.12	-	-	-	-	43	112	H
4	* 2.663	42.75	PK1	32.1	-34.4	40.45	-	-	74	-33.55	-	-	287	209	V
	* 2.664	31.02	AD1	32.1	-34.4	28.72	54	-25.28	-	-	-	-	287	209	V
5	3.292	42.13	PK1	33.0	-33.5	41.63	-	-	-	-	68.2	-26.57	195	183	V
6	10.474	38.42	PK1	37.6	-27.4	48.62	-	-	-	-	68.2	-19.58	23	136	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average

10.2.9. TX ABOVE 1 GHz 802.11a MODE IN THE 5.6 GHz BAND

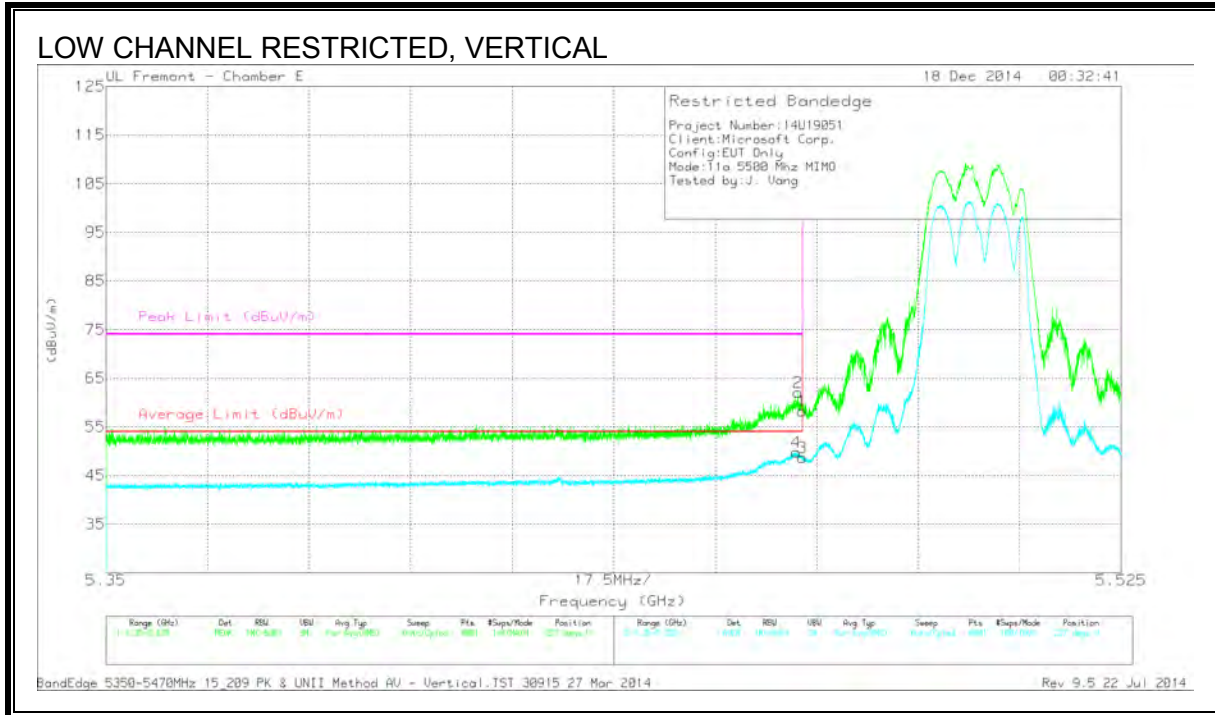
RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	5.470	41.41	PK	34.6	-20.8	55.21	-	-	74	-18.79	83	285	H
2	5.468	44.03	PK	34.6	-20.8	57.83	-	-	74	-16.17	83	285	H
3	5.470	32.35	RMS	34.6	-20.8	46.15	54	-7.85	-	-	83	285	H
4	5.468	32.83	RMS	34.6	-20.8	46.63	54	-7.37	-	-	83	285	H

PK - Peak detector
 RMS - RMS detection

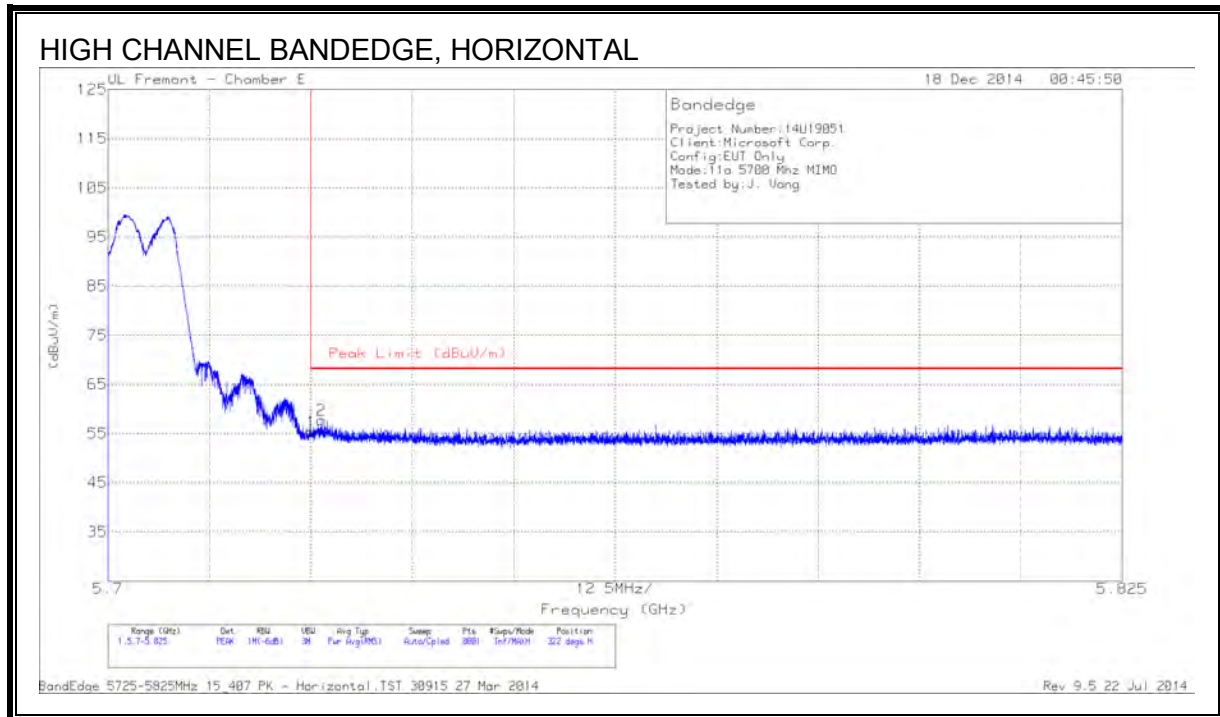


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/ 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	5.470	44.47	PK	34.6	-20.8	58.27	-	-	74	-15.73	227	108	V
2	5.469	48.27	PK	34.6	-20.8	62.07	-	-	74	-11.93	227	108	V
3	5.470	34.88	RMS	34.6	-20.8	48.68	54	-5.32	-	-	227	108	V
4	5.469	35.98	RMS	34.6	-20.8	49.78	54	-4.22	-	-	227	108	V

PK - Peak detector
 RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

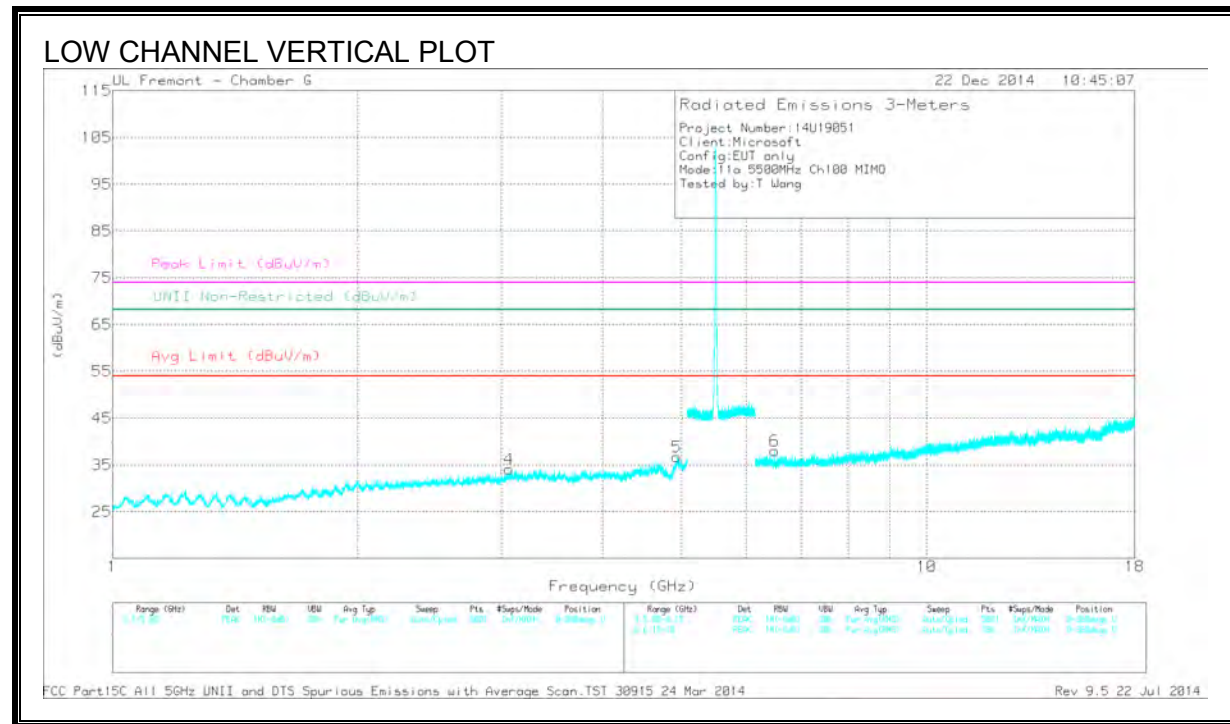
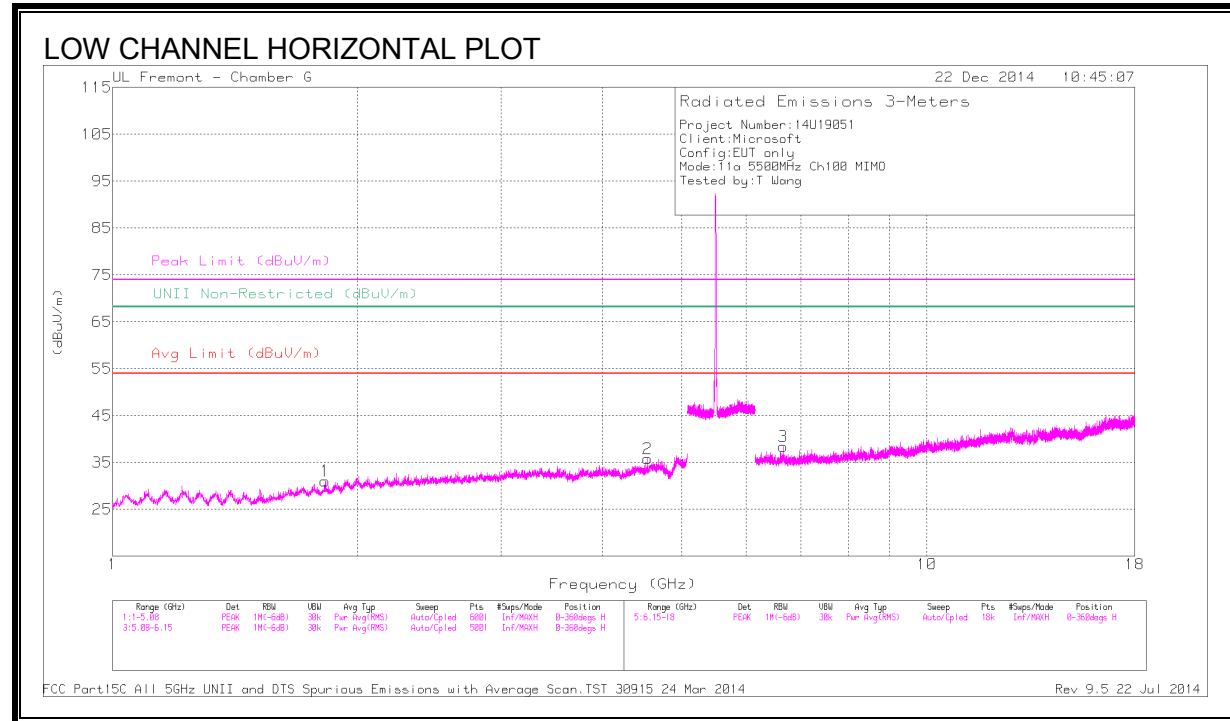


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.41	PK	34.8	-20.8	55.41	68.2	-12.79	322	388	H
2	5.726	43.76	PK	34.8	-20.8	57.76	68.2	-10.44	322	388	H

PK - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

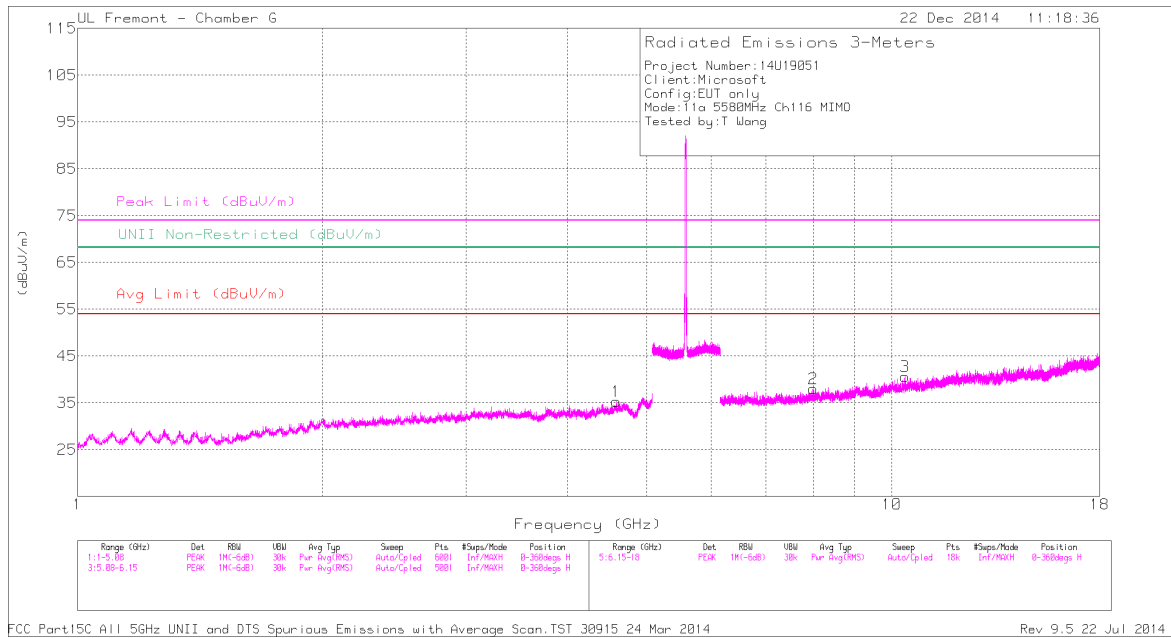


DATA

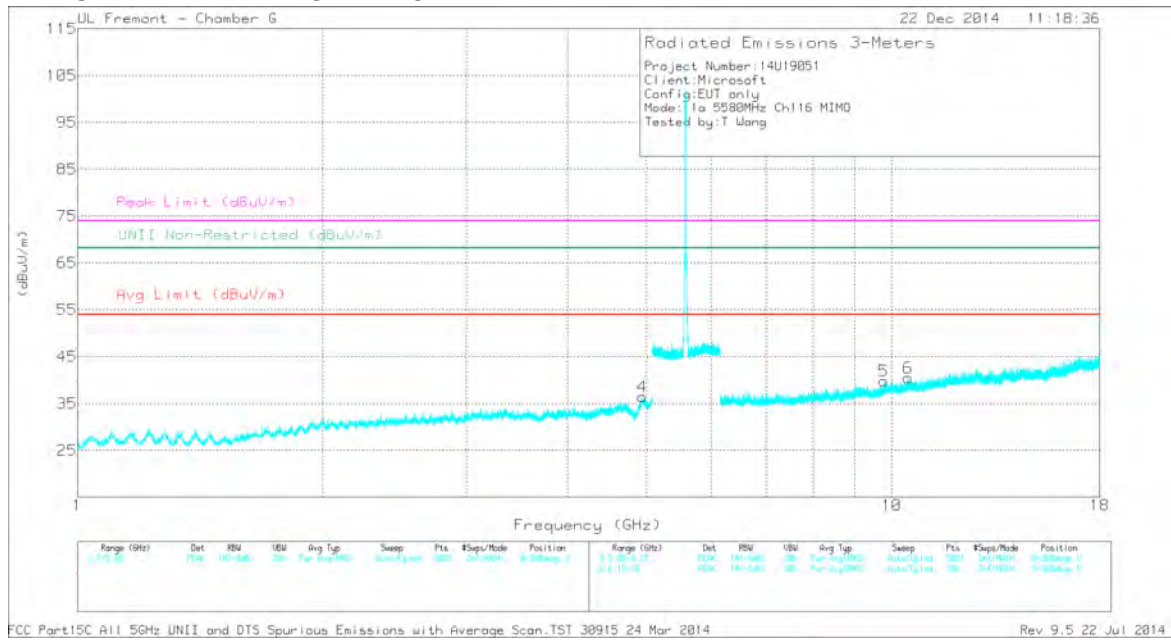
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb I/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	1.822	43.58	PK1	30.1	-35.4	38.28	-	-	-	-	68.2	-29.92	153	102	H
2	* 4.535	41.82	PK1	33.8	-33.0	42.62	-	-	74	-31.38	-	-	153	102	H
	* 4.538	29.70	AD1	33.8	-33.0	30.50	54	-23.50	-	-	-	-	153	102	H
3	6.662	40.06	PK1	35.6	-31.5	44.16	-	-	-	-	68.2	-24.04	153	102	H
4	3.066	42.47	PK1	32.6	-33.2	41.87	-	-	-	-	68.2	-26.33	28	208	V
5	* 4.929	41.24	PK1	34.1	-31.7	43.64	-	-	74	-30.36	-	-	28	208	V
	* 4.929	29.88	AD1	34.1	-31.7	32.28	54	-21.72	-	-	-	-	28	208	V
6	6.504	40.56	PK1	35.6	-32.3	43.86	-	-	-	-	68.2	-24.34	28	208	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average

MID CHANNEL HORIZONTAL PLOT



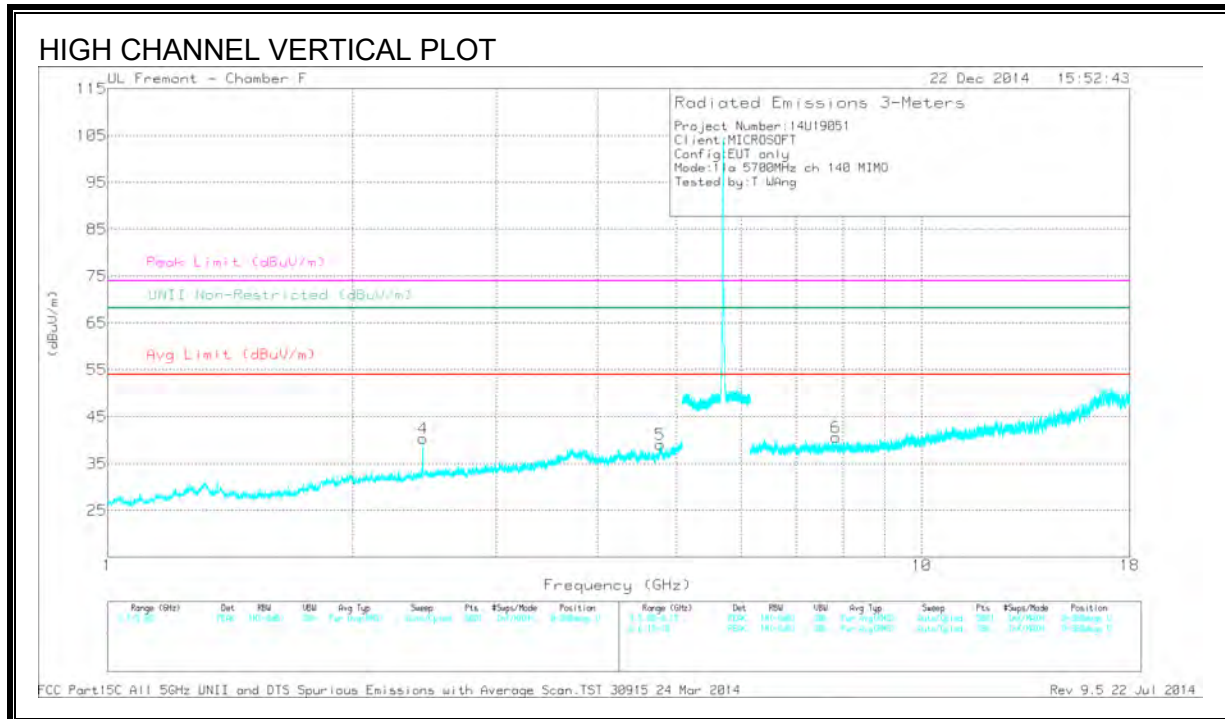
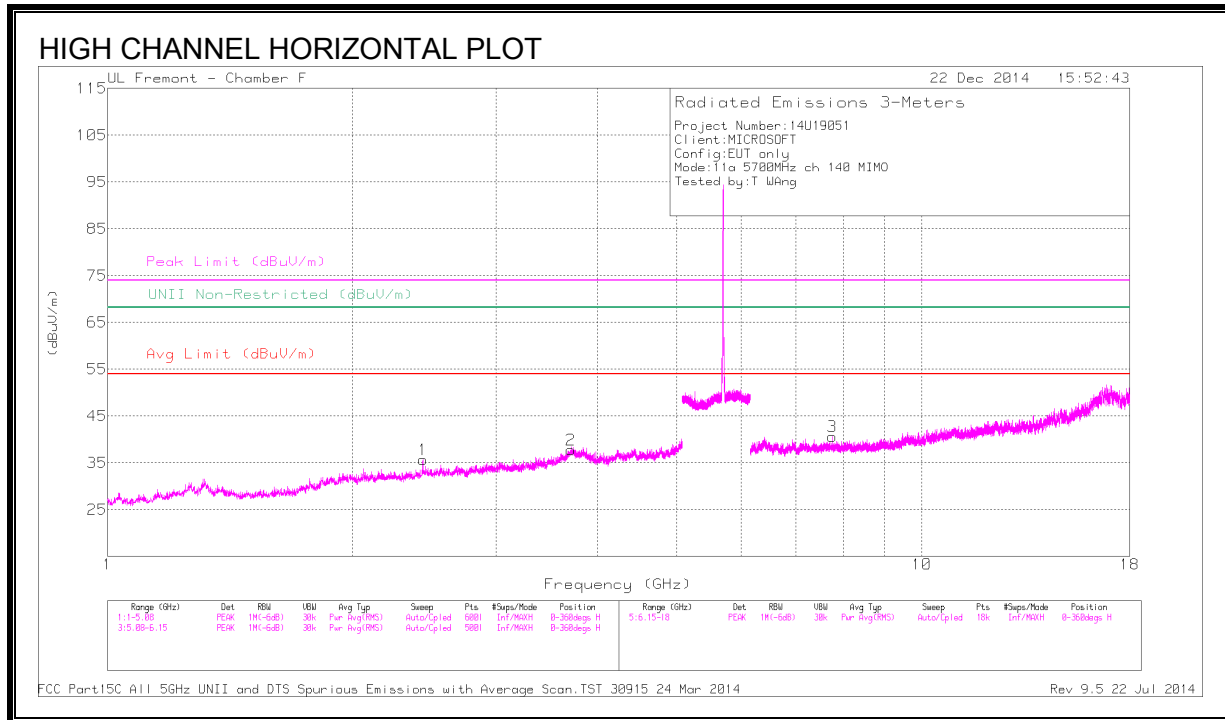
MID CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb I/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	* 4.585	41.86	PK1	33.8	-32.8	42.86	-	-	74	-31.14	-	-	17	133	H
	* 4.584	29.81	AD1	33.8	-32.8	30.81	54	-23.19	-	-	-	-	17	133	H
2	8.013	39.91	PK1	35.8	-30.3	45.41	-	-	-	-	68.2	-22.79	17	133	H
3	10.373	36.50	PK1	37.5	-27.1	46.90	-	-	-	-	68.2	-21.3	17	133	H
4	* 4.942	41.97	PK1	34.1	-31.7	44.37	-	-	74	-29.63	-	-	78	157	V
	* 4.942	30.14	AD1	34.1	-31.7	32.54	54	-21.46	-	-	-	-	78	157	V
5	9.770	37.98	PK1	37.0	-28.5	46.48	-	-	-	-	68.2	-21.72	78	157	V
6	10.462	37.37	PK1	37.6	-27.7	47.27	-	-	-	-	68.2	-20.93	78	157	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average



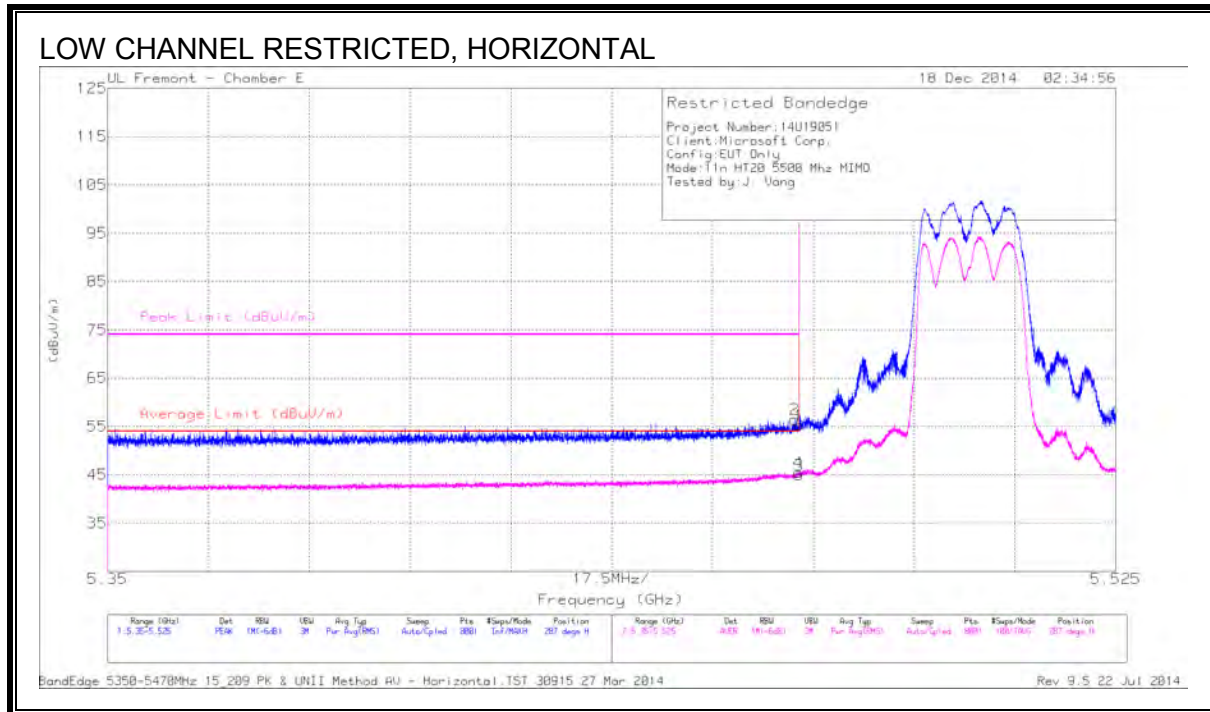
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb I/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	2.440	41.30	PK1	32.4	-30.9	42.80	-	-	-	-	68.2	-25.40	351	261	H
2	* 3.705	39.15	PK1	34.8	-29.2	44.75	-	-	74	-29.25	-	-	351	261	H
3	7.762	36.33	PK1	35.7	-25.6	46.43	-	-	-	-	68.2	-21.77	351	261	H
	* 3.707	27.12	AD1	34.8	-29.1	32.82	54	-21.18	-	-	-	-	351	261	H
4	2.441	41.14	PK1	32.4	-30.9	42.64	-	-	-	-	68.2	-25.56	334	255	V
5	* 4.773	38.34	PK1	34.1	-27.3	45.14	-	-	74	-28.86	-	-	334	255	V
	* 4.775	27.23	AD1	34.1	-27.3	34.03	54	-19.97	-	-	-	-	334	255	V
6	7.843	36.09	PK1	35.7	-24.3	47.49	-	-	-	-	68.2	-20.71	334	255	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average

10.2.10. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.6 GHz BAND

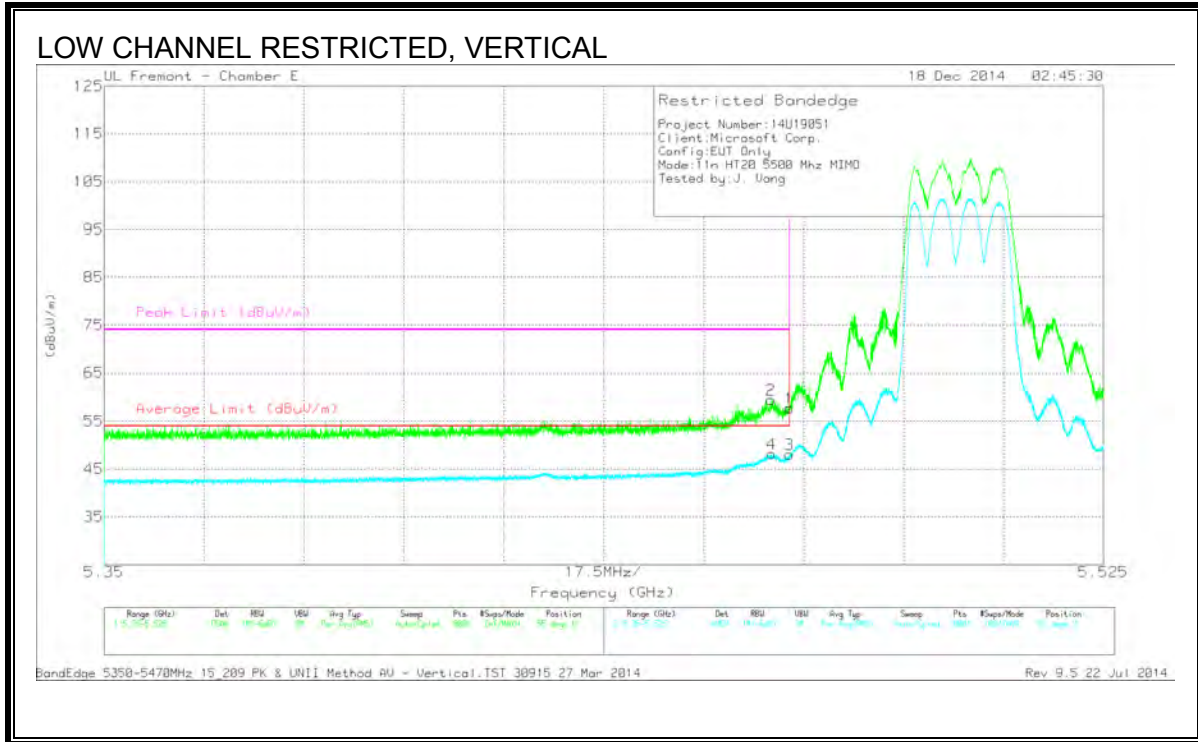
RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/ 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	5.470	41.46	PK	34.6	-20.8	55.26	-	-	74	-18.74	287	133	H
2	5.469	42.64	PK	34.6	-20.8	56.44	-	-	74	-17.56	287	133	H
3	5.470	31.19	RMS	34.6	-20.8	44.99	54	-9.01	-	-	287	133	H
4	5.470	31.61	RMS	34.6	-20.8	45.41	54	-8.59	-	-	287	133	H

PK - Peak detector
 RMS - RMS detection

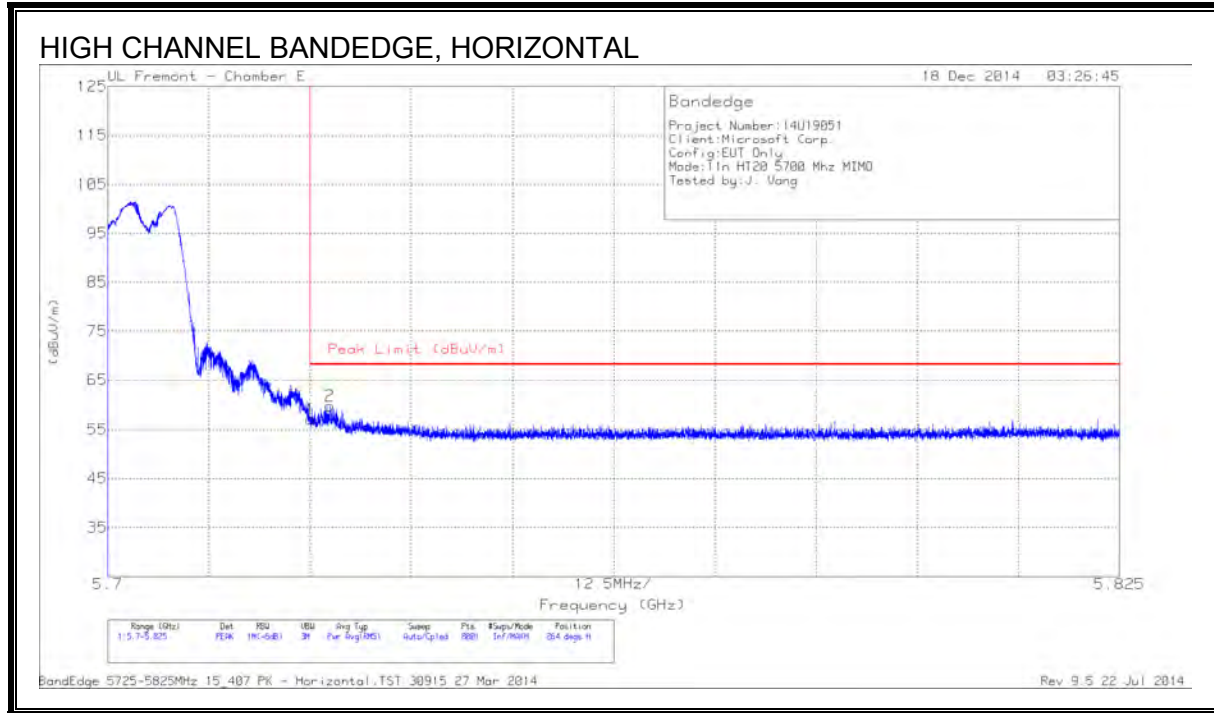


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	5.470	43.96	PK	34.6	-20.8	57.76	-	-	74	-16.24	55	105	V
2	5.467	45.64	PK	34.6	-20.8	59.44	-	-	74	-14.56	55	105	V
3	5.470	34.27	RMS	34.6	-20.8	48.07	54	-5.93	-	-	55	105	V
4	5.467	34.37	RMS	34.6	-20.8	48.17	54	-5.83	-	-	55	105	V

PK - Peak detector
 RMS - RMS detection

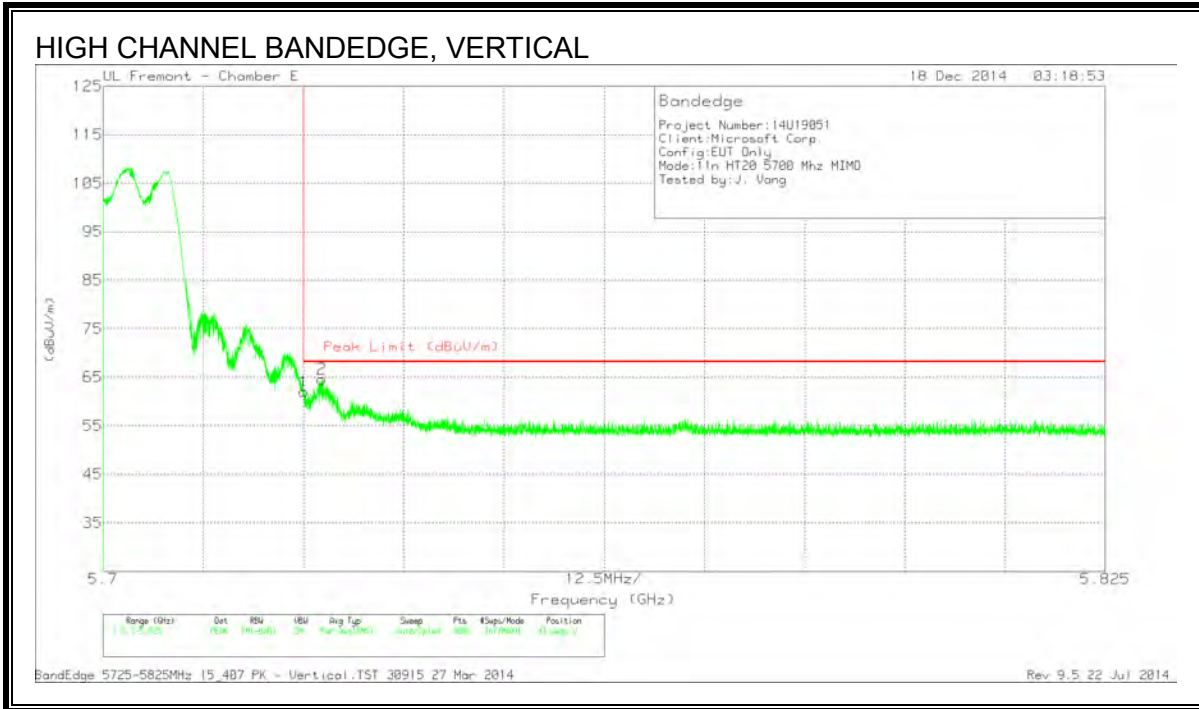
AUTHORIZED BANDEDGE (HIGH CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.09	PK	34.8	-20.8	57.09	68.2	-11.11	264	314	H
2	5.727	45.78	PK	34.8	-20.7	59.88	68.2	-8.32	264	314	H

PK - Peak detector

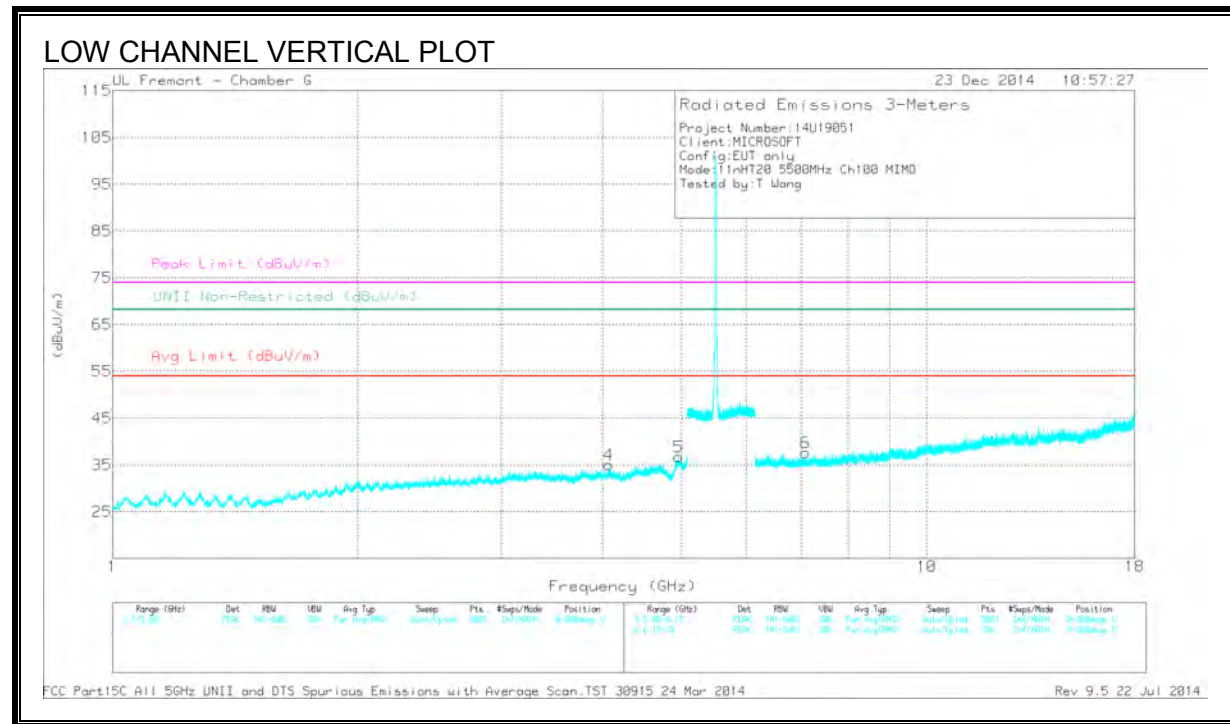
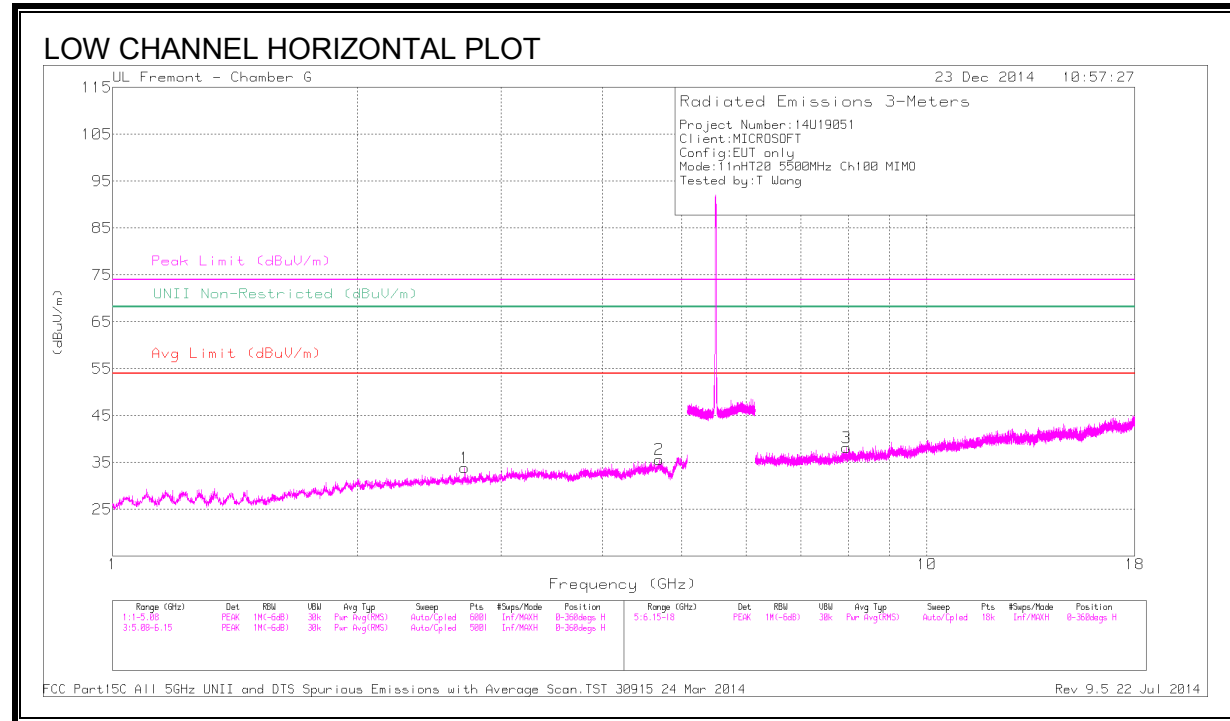


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	48.03	PK	34.8	-20.8	62.03	68.2	-6.17	43	381	V
2	5.727	50.57	PK	34.8	-20.7	64.67	68.2	-3.53	43	381	V

PK - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

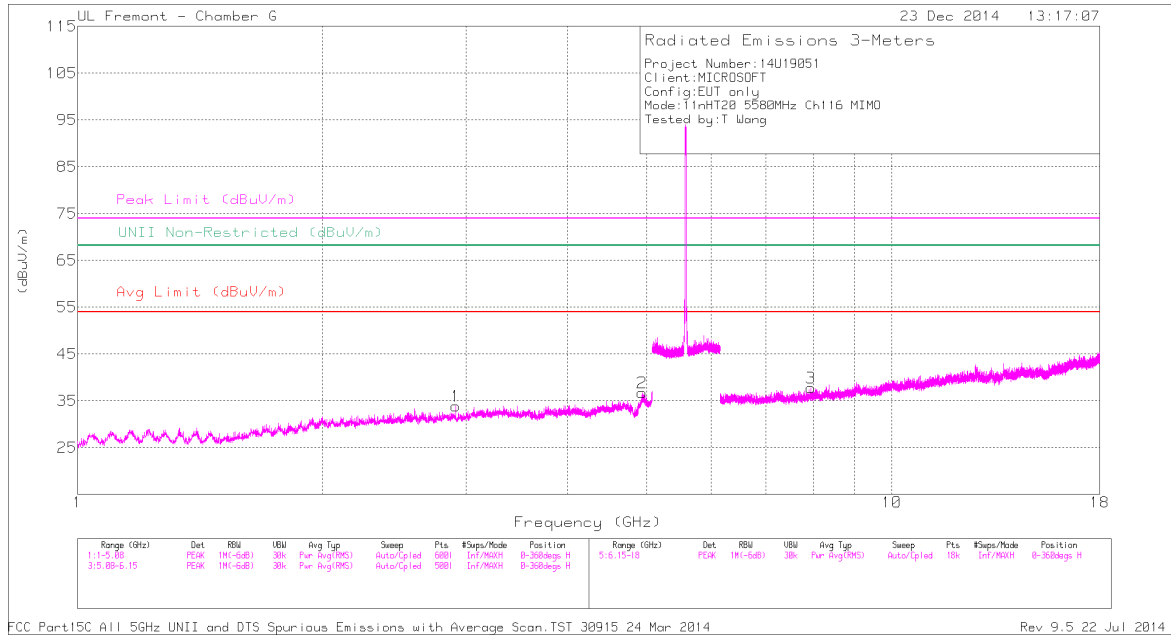


DATA

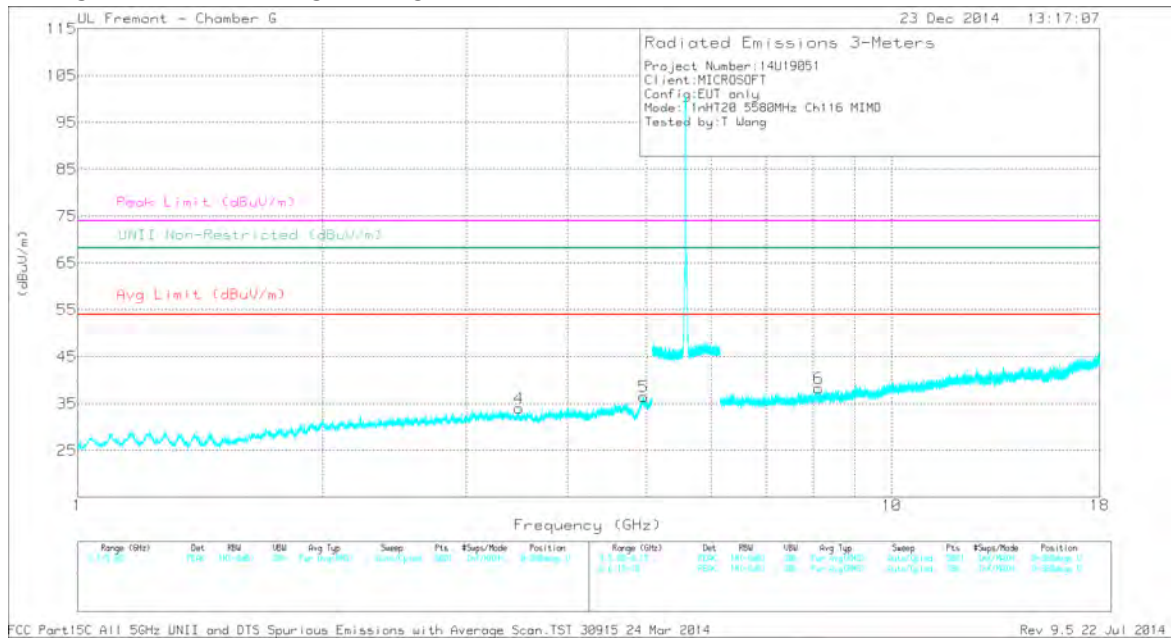
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb I/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.706	42.71	PK1	32.2	-34.6	40.31	-	-	74	-33.69	-	-	346	189	H
	* 2.706	30.91	AD1	32.2	-34.6	28.51	54	-25.49	-	-	-	-	346	189	H
2	* 4.694	42.01	PK1	34.0	-32.9	43.11	-	-	74	-30.89	-	-	346	189	H
	* 4.691	30.61	AD1	34.0	-33.0	31.61	54	-22.39	-	-	-	-	346	189	H
3	7.962	39.86	PK1	35.8	-30.8	44.86	-	-	-	-	68.2	-23.34	346	189	H
4	* 4.066	41.69	PK1	33.4	-33.4	41.69	-	-	74	-32.31	-	-	221	153	V
	* 4.067	30.48	AD1	33.4	-33.4	30.48	54	-23.52	-	-	-	-	221	153	V
5	* 4.958	42.00	PK1	34.1	-31.9	44.20	-	-	74	-29.8	-	-	221	153	V
	* 4.958	29.88	AD1	34.1	-31.9	32.08	54	-21.92	-	-	-	-	221	153	V
6	7.101	40.43	PK1	35.6	-31.7	44.33	-	-	-	-	68.2	-23.87	221	153	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average

MID CHANNEL HORIZONTAL PLOT



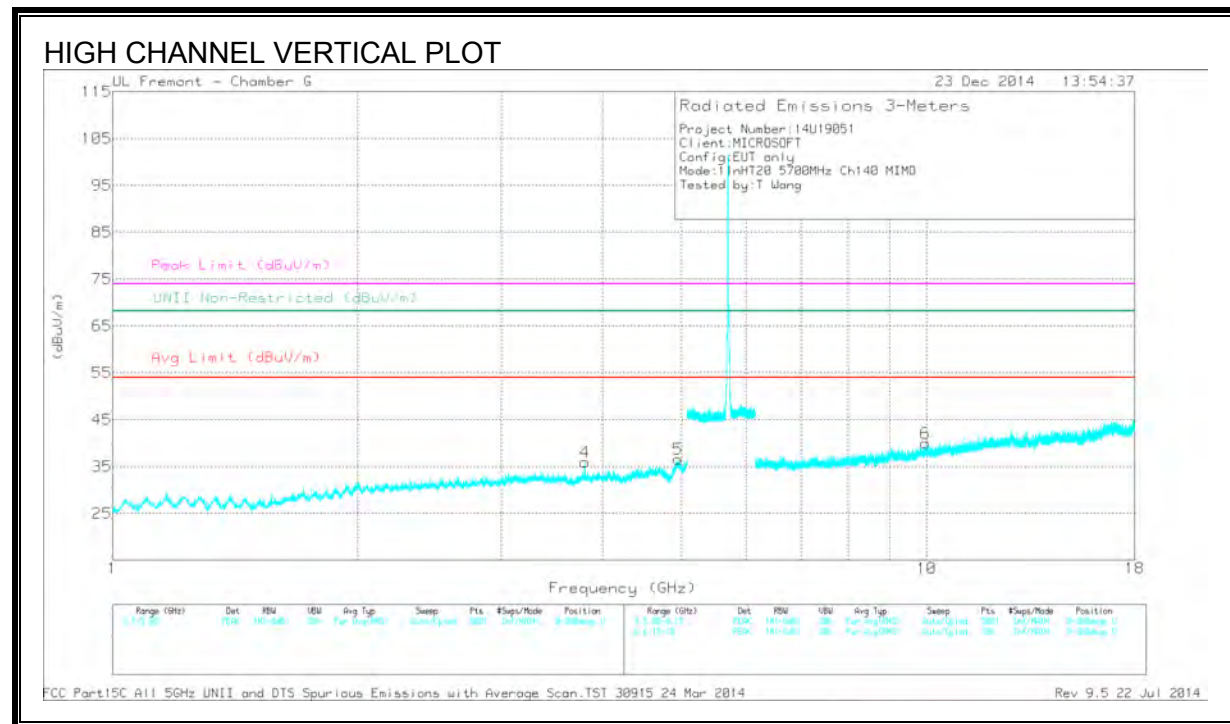
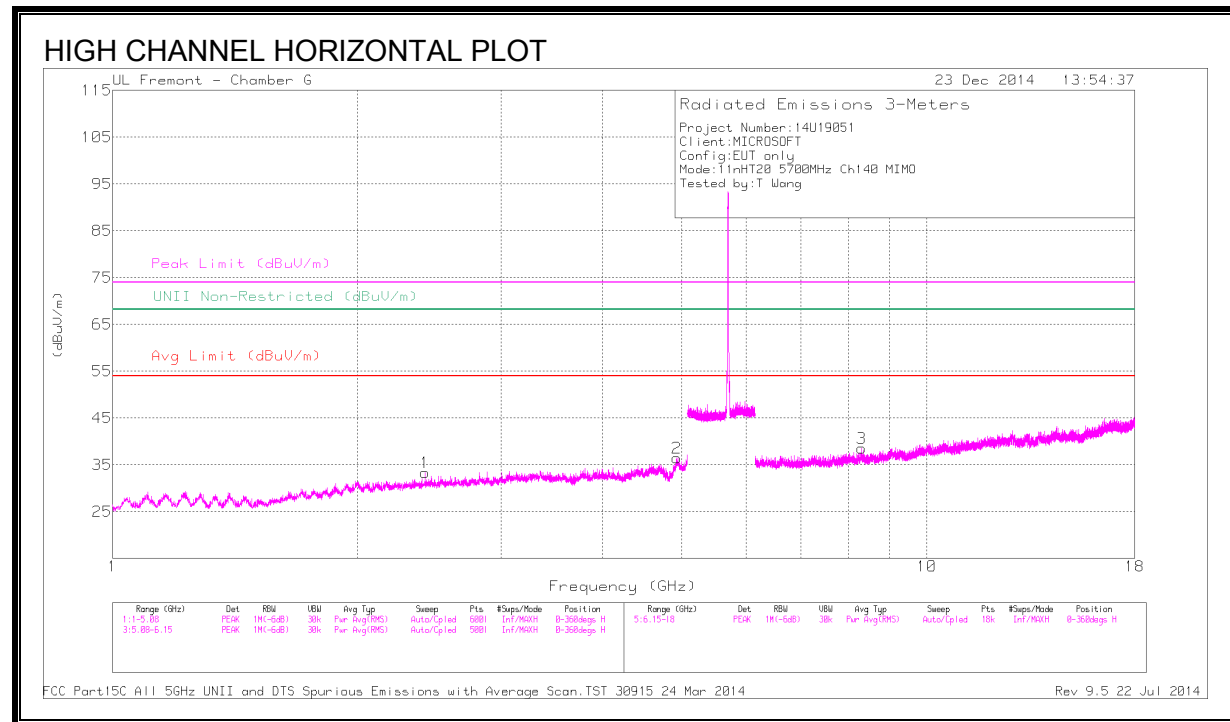
MID CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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	2.915	42.34	PK1	32.3	-34.3	40.34	-	-	-	-	68.2	-27.86	148	215	H
2	* 4.933	40.74	PK1	34.1	-31.7	43.14	-	-	74	-30.86	-	-	148	215	H
	* 4.935	29.85	AD1	34.1	-31.7	32.25	54	-21.75	-	-	-	-	148	215	H
3	7.949	39.99	PK1	35.8	-30.9	44.89	-	-	-	-	68.2	-23.31	148	215	H
4	3.482	42.57	PK1	32.8	-34.1	41.27	-	-	-	-	68.2	-26.93	74	140	V
5	* 4.954	41.30	PK1	34.1	-31.9	43.50	-	-	74	-30.5	-	-	74	140	V
	* 4.951	30.17	AD1	34.1	-31.8	32.47	54	-21.53	-	-	-	-	74	140	V
6	* 8.134	38.85	PK1	35.8	-29.9	44.75	-	-	74	-29.25	-	-	217	348	V
	* 8.134	27.46	AD1	35.8	-29.9	33.36	54	-20.64	-	-	-	-	217	348	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average



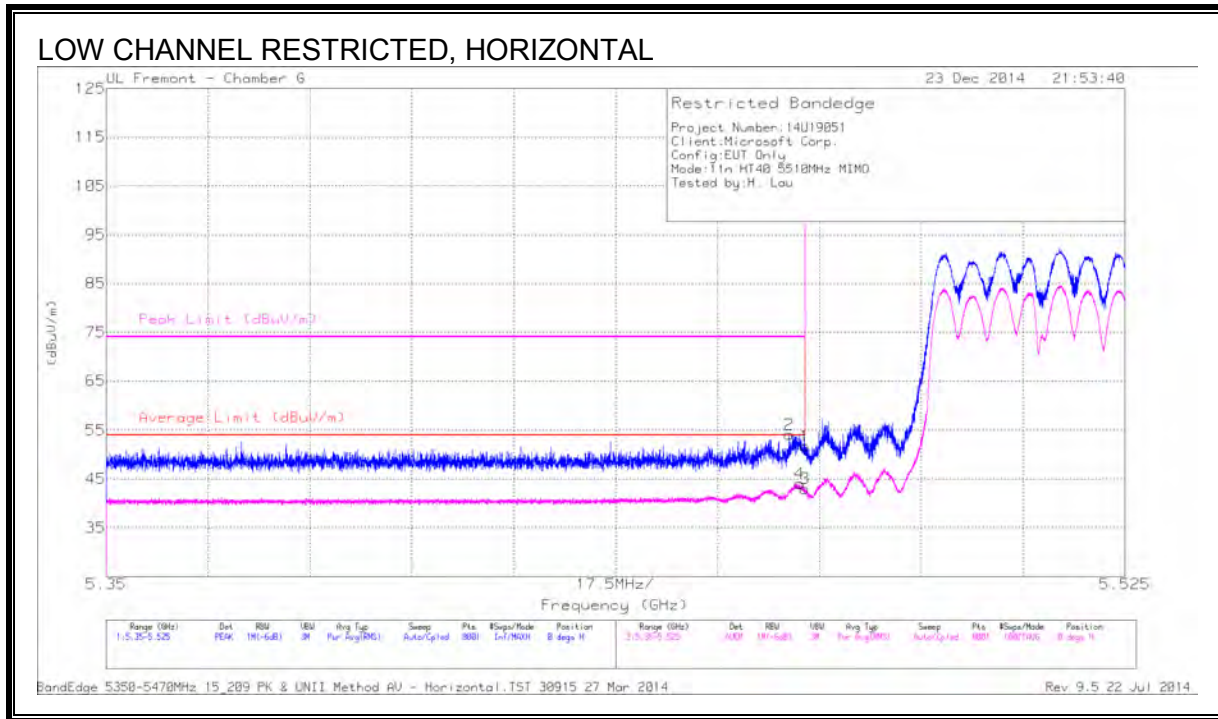
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb I/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	2.422	42.54	PK1	31.8	-34.4	39.94	-	-	-	-	68.2	-28.26	193	387	H
2	* 4.929	40.96	PK1	34.1	-31.7	43.36	-	-	74	-30.64	-	-	193	387	H
	* 4.926	29.79	AD1	34.1	-31.8	32.09	54	-21.91	-	-	-	-	193	387	H
3	* 8.315	39.12	PK1	35.8	-29.4	45.52	-	-	74	-28.48	-	-	242	159	H
	* 8.315	27.38	AD1	35.8	-29.3	33.88	54	-20.12	-	-	-	-	242	159	H
4	* 3.800	42.64	PK1	33.0	-33.4	42.24	-	-	74	-31.76	-	-	165	344	V
	* 3.800	31.74	AD1	33.0	-33.4	31.34	54	-22.66	-	-	-	-	165	344	V
5	* 4.945	41.20	PK1	34.1	-31.8	43.50	-	-	74	-30.50	-	-	165	344	V
	* 4.944	29.95	AD1	34.1	-31.7	32.35	54	-21.65	-	-	-	-	165	344	V
6	9.955	38.03	PK1	37.3	-28.4	46.93	-	-	-	-	68.2	-21.27	165	344	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average

10.2.11. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.6 GHz BAND

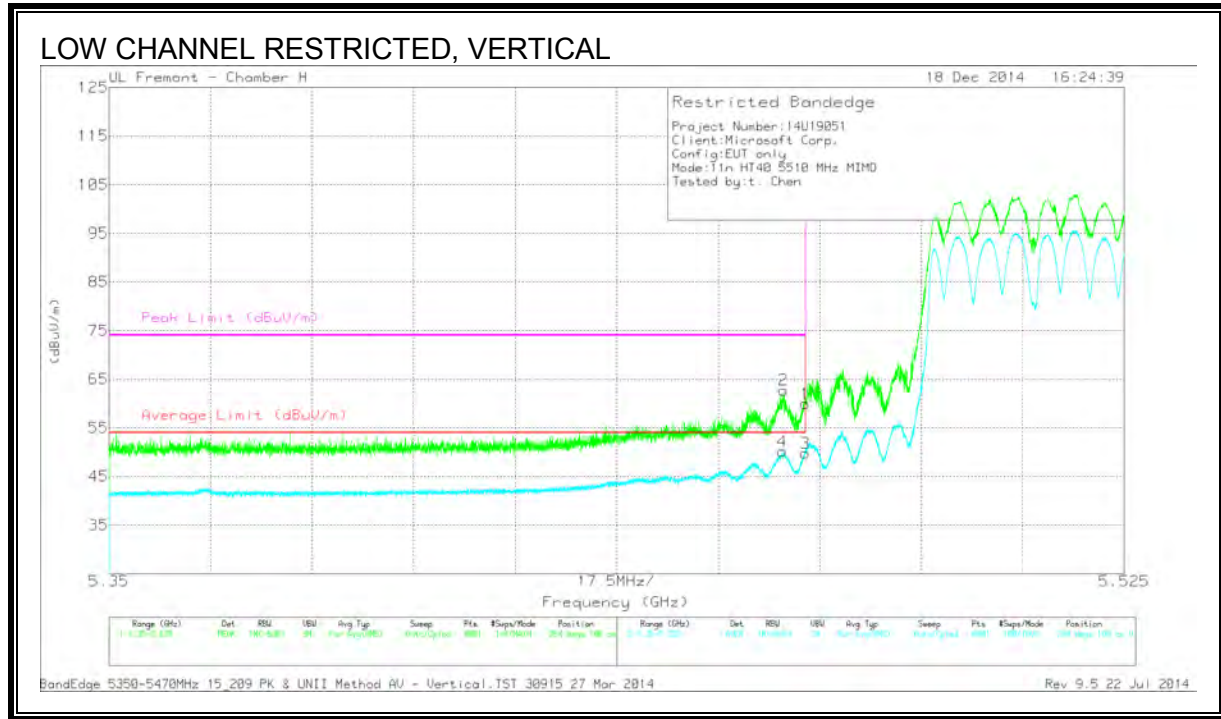
RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/ Filt/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	5.470	40.68	PK	34.7	-23.6	51.78	-	-	74	-22.22	0	161	H
2	5.467	43.06	PK	34.7	-23.6	54.16	-	-	74	-19.84	0	161	H
3	5.470	31.93	RMS	34.7	-23.6	43.03	54	-10.97	-	-	0	161	H
4	5.469	33.00	RMS	34.7	-23.6	44.10	54	-9.90	-	-	0	161	H

PK - Peak detector
 RMS - RMS detection

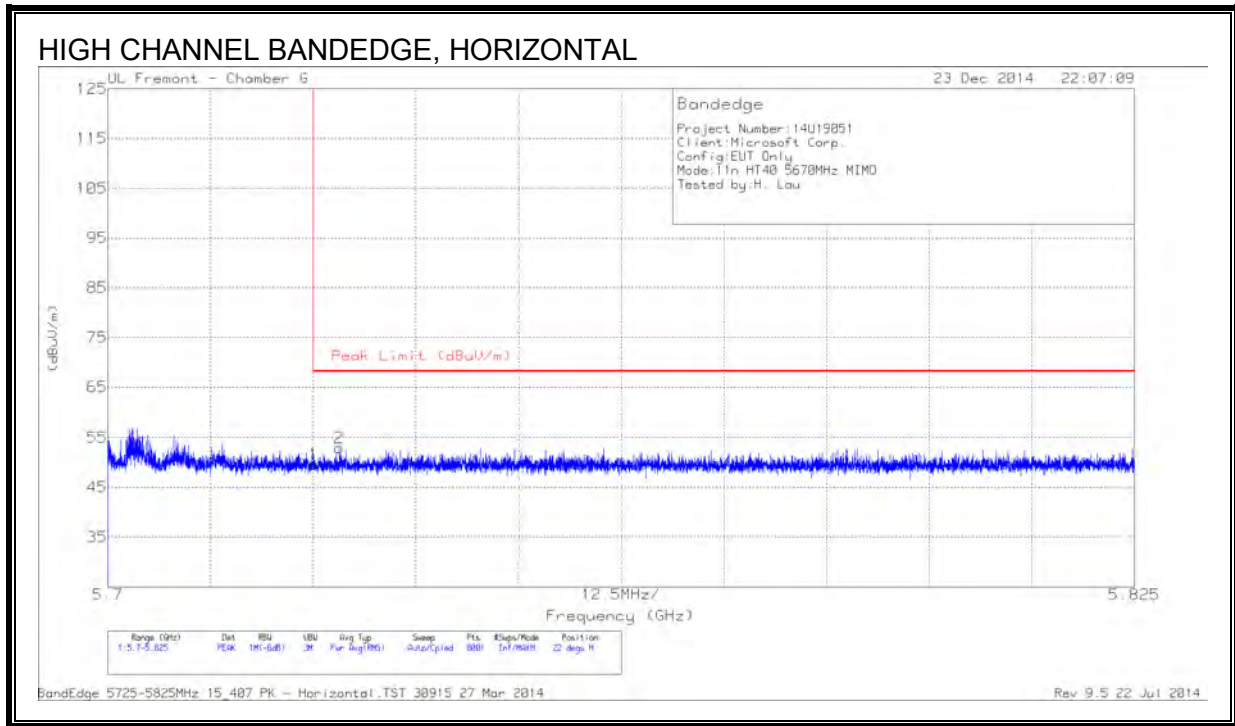


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/ Filt/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	5.470	47.27	PK	35.1	-22.4	59.97	-	-	74	-14.03	264	108	V
2	5.466	50.17	PK	35.0	-22.4	62.77	-	-	74	-11.23	264	108	V
3	5.470	37.14	RMS	35.1	-22.4	49.84	54	-4.16	-	-	264	108	V
4	5.466	37.55	RMS	35.0	-22.4	50.15	54	-3.85	-	-	264	108	V

PK - Peak detector
 RMS - RMS detection

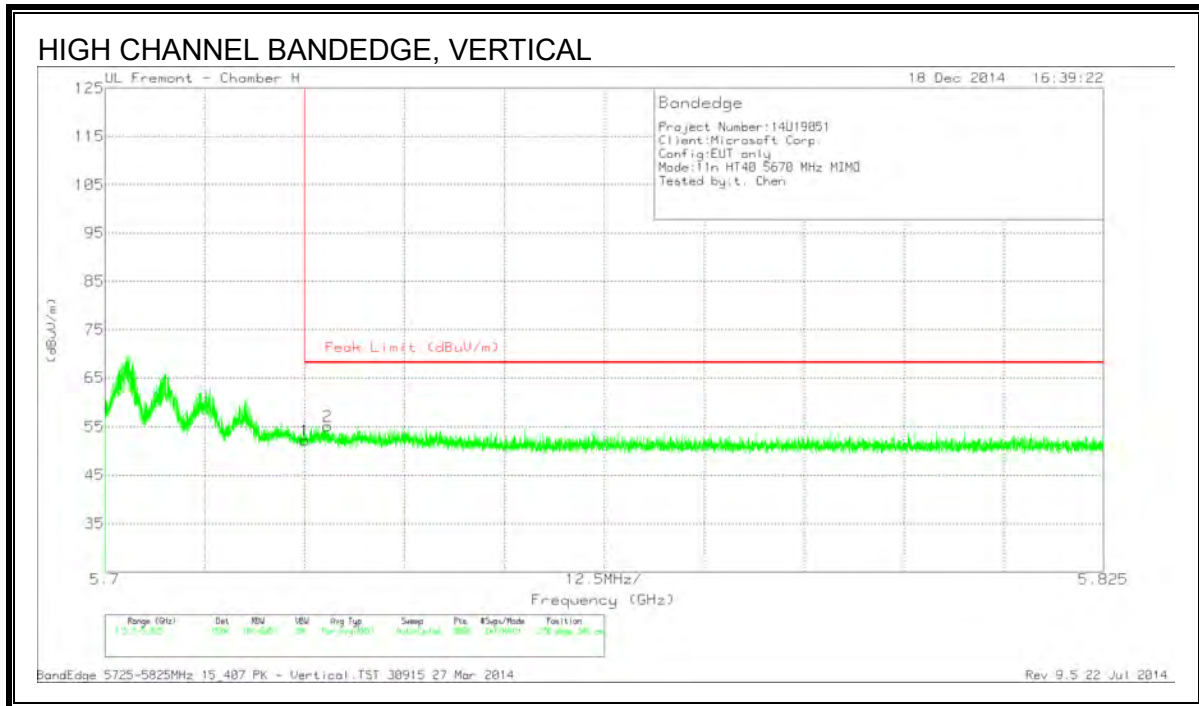
AUTHORIZED BANDEDGE (HIGH CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.28	PK	34.8	-23.5	49.58	68.2	-18.62	22	175	H
2	5.728	41.78	PK	34.8	-23.6	52.98	68.2	-15.22	22	175	H

PK - Peak detector

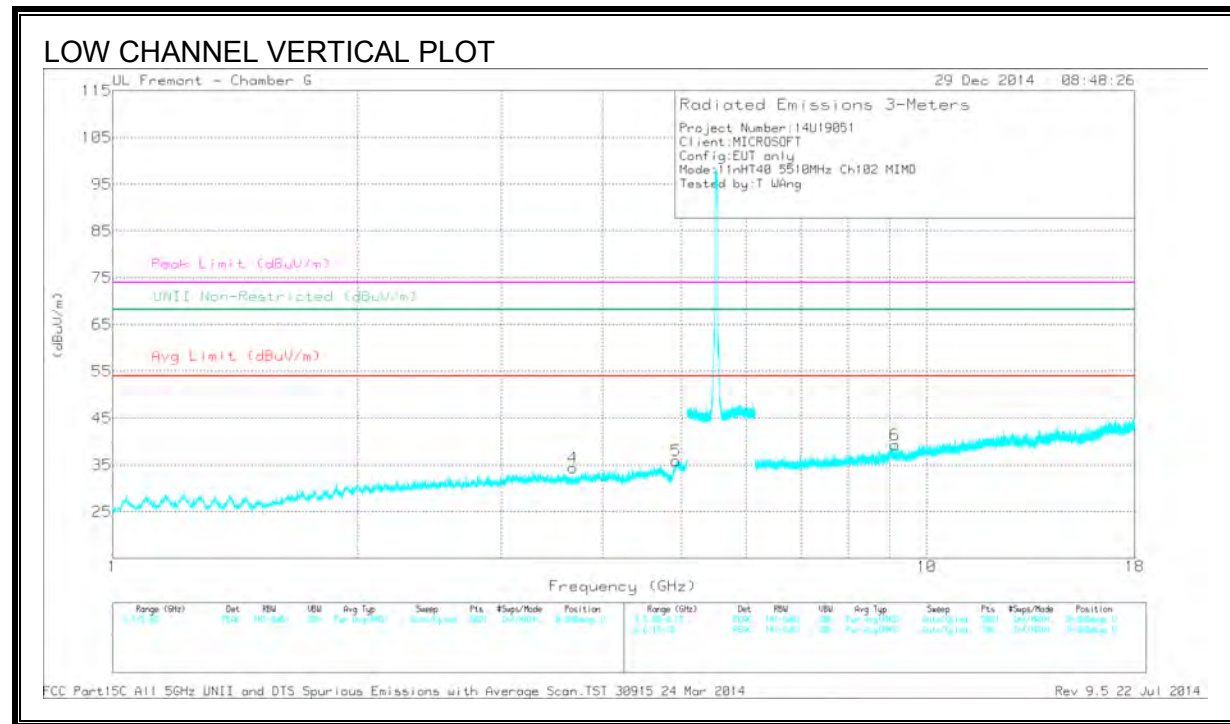
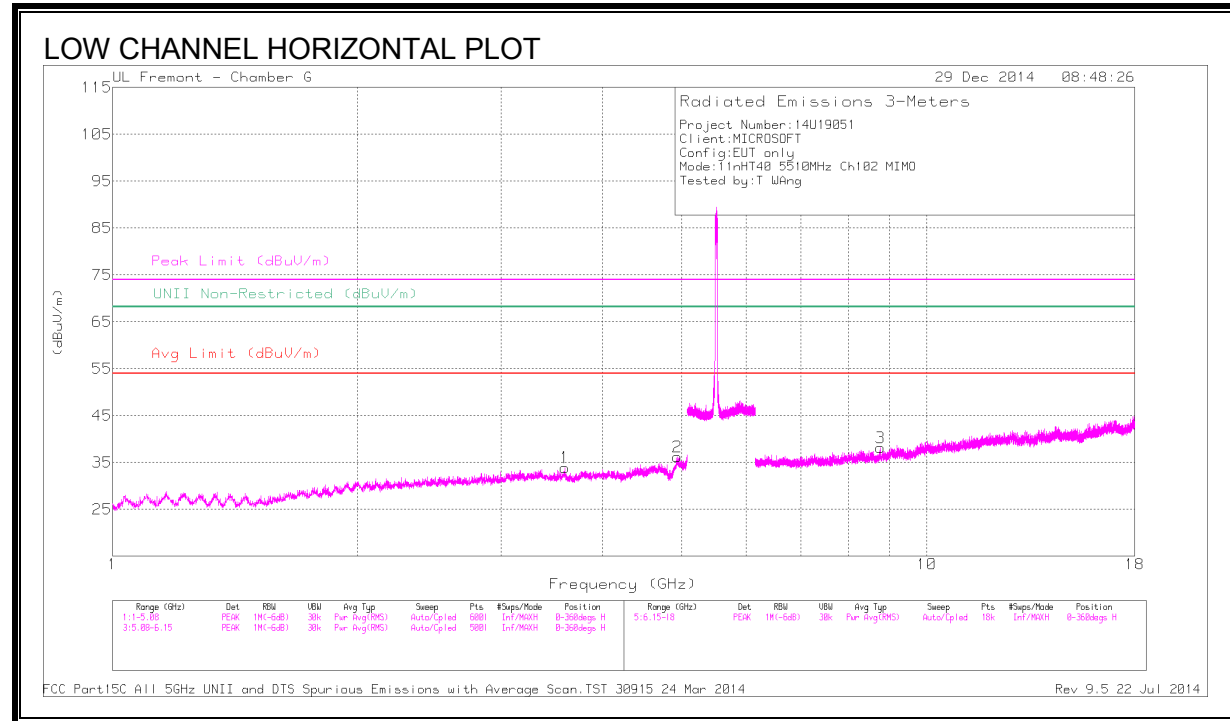


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/F Itr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.55	PK	35	-22.4	52.15	68.2	-16.05	270	346	V
2	5.728	42.58	PK	35	-22.4	55.18	68.2	-13.02	270	346	V

PK - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

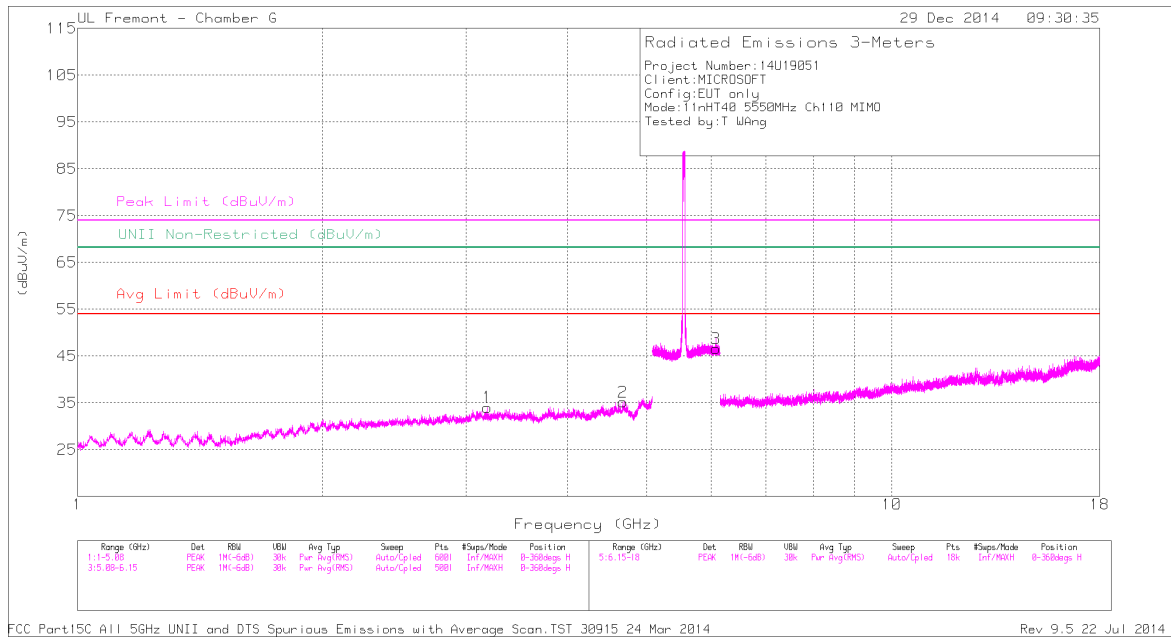


DATA

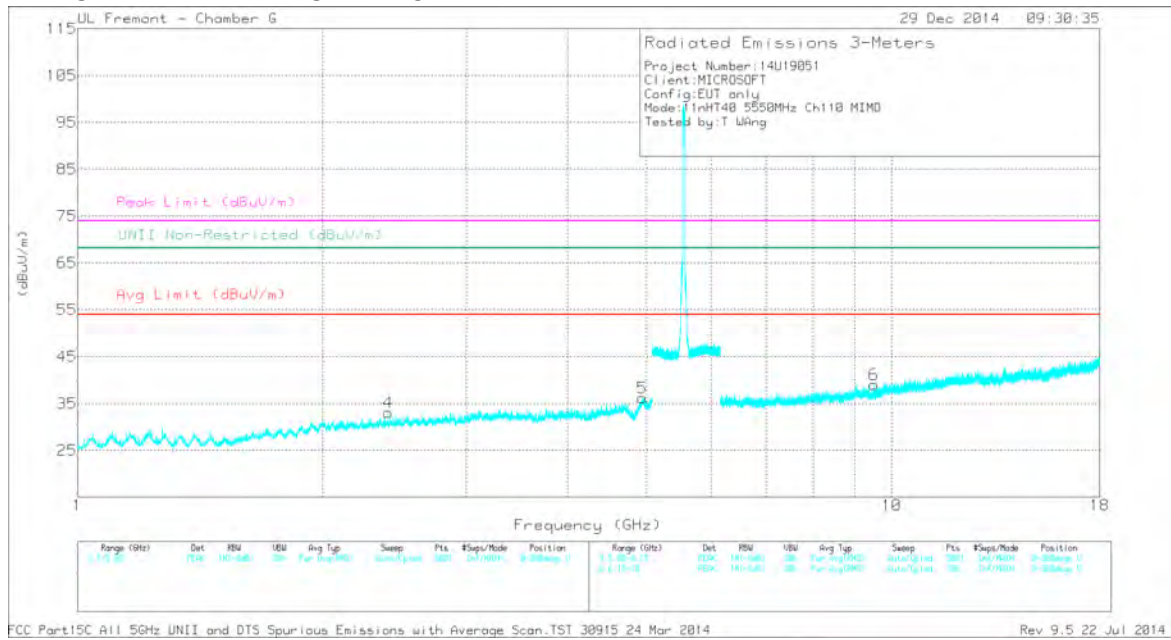
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb V/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.590	41.26	PK1	32.8	-33.1	40.96	-	-	74	-33.04	-	-	79	347	H
	* 3.589	30.08	AD1	32.8	-33.1	29.78	54	-24.22	-	-	-	-	79	347	H
2	* 4.937	40.96	PK1	34.1	-31.7	43.36	-	-	74	-30.64	-	-	79	347	H
	* 4.935	29.59	AD1	34.1	-31.7	31.99	54	-22.01	-	-	-	-	79	347	H
3	8.770	38.24	PK1	36.0	-29.2	45.04	-	-	-	-	68.2	-23.16	79	347	H
4	* 4.917	40.08	PK1	34.1	-31.9	42.28	-	-	74	-31.72	-	-	56	165	V
	* 4.918	29.16	AD1	34.1	-31.8	31.46	54	-22.54	-	-	-	-	56	165	V
5	* 4.919	40.97	PK1	34.1	-31.8	43.27	-	-	74	-30.73	-	-	56	165	V
	* 4.918	29.15	AD1	34.1	-31.8	31.45	54	-22.55	-	-	-	-	56	165	V
6	* 9.144	37.95	PK1	36.5	-29.6	44.85	-	-	74	-29.15	-	-	219	364	V
	* 9.141	26.70	AD1	36.5	-29.5	33.70	54	-20.30	-	-	-	-	219	364	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average

MID CHANNEL HORIZONTAL PLOT



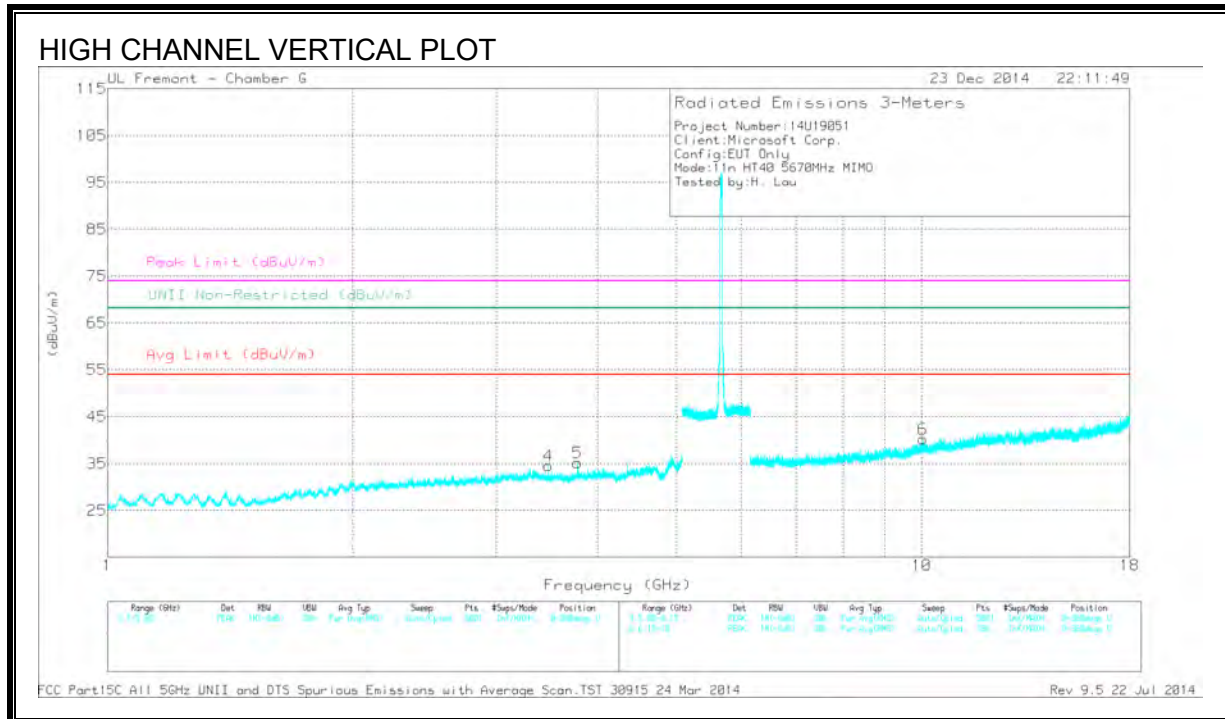
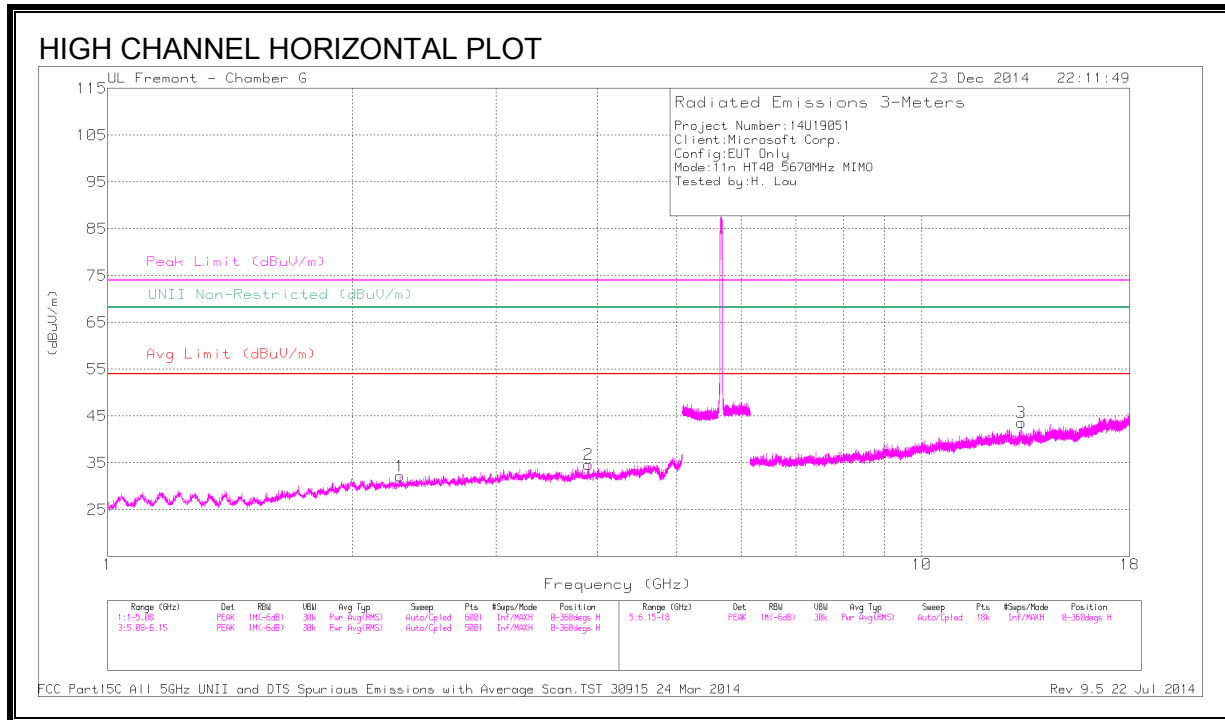
MID CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb I/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)	Polarit y
1	3.187	42.53	PK1	32.8	-34.0	41.33	-	-	-	-	68.2	-26.87	234	203	H
2	* 4.675	41.05	PK1	34.0	-33.0	42.05	-	-	74	-31.95	-	-	234	203	H
	* 4.676	29.78	AD1	34.0	-33.0	30.78	54	-23.22	-	-	-	-	234	203	H
3	6.080	44.11	PK1	35.4	-23.5	56.01	-	-	-	-	68.2	-12.19	234	203	H
4	2.408	42.46	PK1	31.8	-34.5	39.76	-	-	-	-	68.2	-28.44	93	185	V
5	* 4.936	41.53	PK1	34.1	-31.7	43.93	-	-	74	-30.07	-	-	93	185	V
	* 4.934	30.14	AD1	34.1	-31.7	32.54	54	-21.46	-	-	-	-	93	185	V
6	9.501	38.08	PK1	36.7	-28.6	46.18	-	-	-	-	68.2	-22.02	93	185	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average



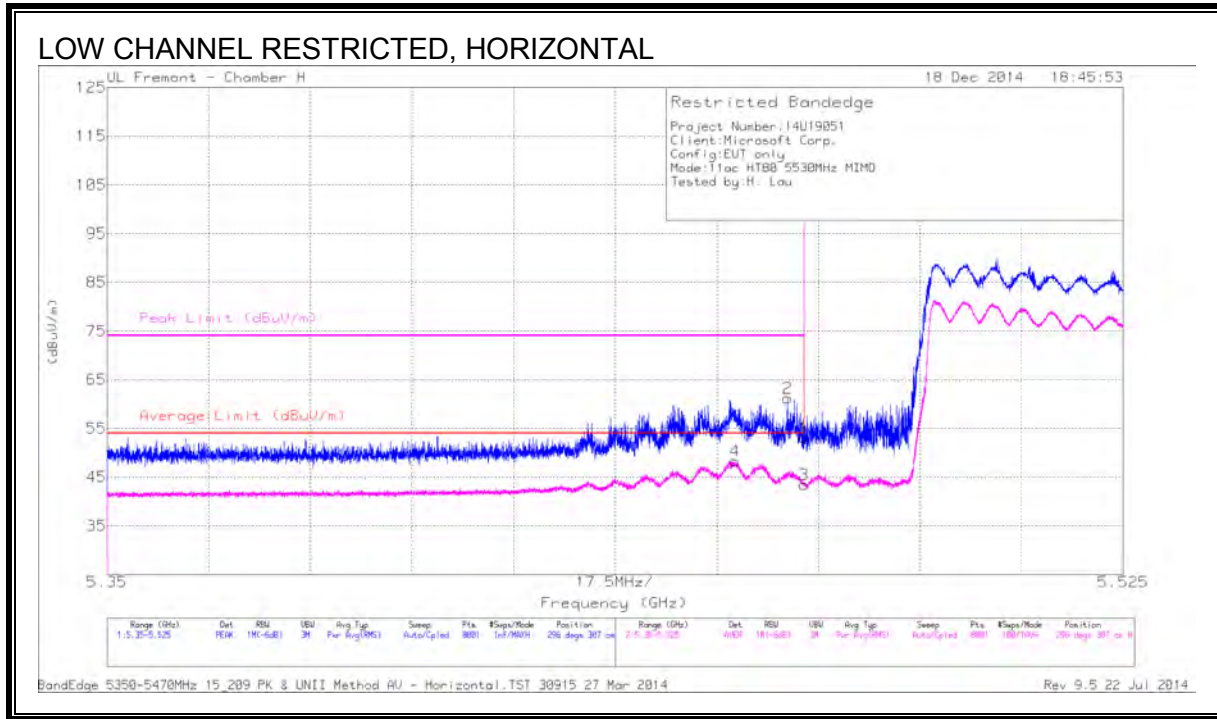
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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	* 2.284	42.74	PK1	31.6	-34.6	39.74	-	-	74	-34.26	-	-	69	142	H
	* 2.285	31.03	AD1	31.6	-34.6	28.03	54	-25.97	-	-	-	-	69	142	H
2	* 3.893	42.09	PK1	33.2	-33.6	41.69	-	-	74	-32.31	-	-	123	132	H
	* 3.894	30.27	AD1	33.2	-33.6	29.87	54	-24.13	-	-	-	-	123	132	H
3	* 13.259	36.55	PK1	39.0	-25.7	49.85	-	-	74	-24.15	-	-	131	161	H
	* 13.259	25.02	AD1	39.0	-25.7	38.32	54	-15.68	-	-	-	-	131	161	H
4	3.480	42.28	PK1	32.8	-34.0	41.08	-	-	-	-	68.2	-27.12	186	137	V
5	* 3.780	44.39	PK1	33.0	-33.5	43.89	-	-	74	-30.11	-	-	71	354	V
	* 3.780	32.26	AD1	33.0	-33.5	31.76	54	-22.24	-	-	-	-	71	354	V
6	10.023	37.46	PK1	37.4	-27.4	47.46	-	-	-	-	68.2	-20.74	114	220	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average

10.2.12. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

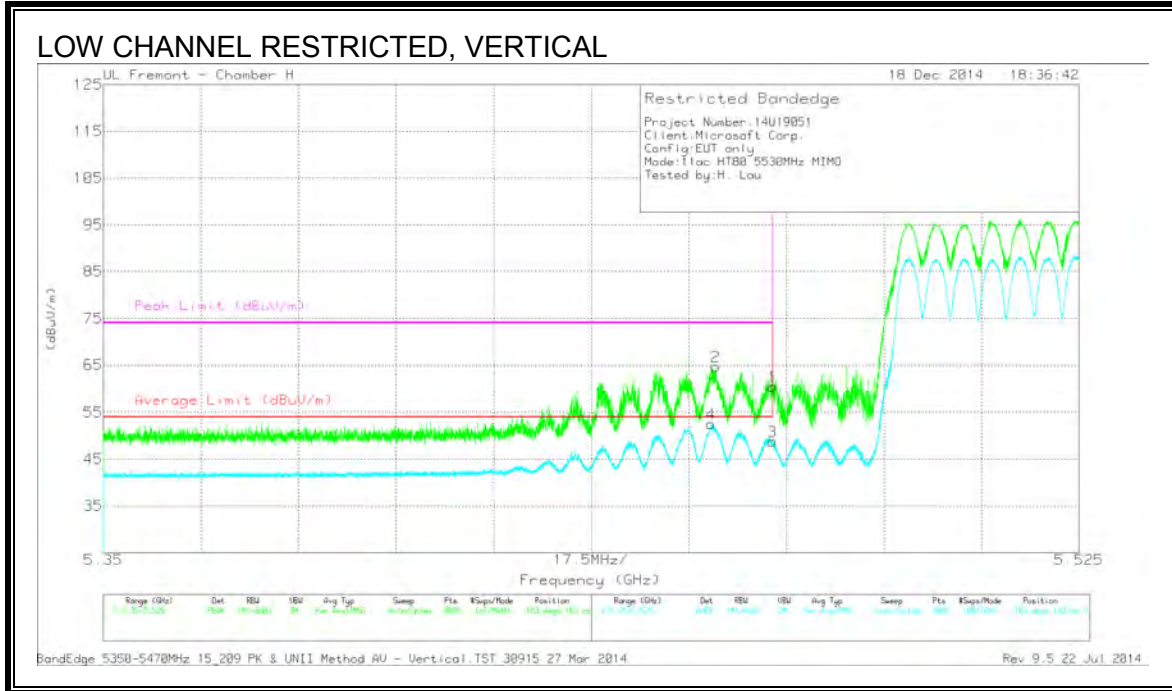
RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl /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	5.470	40.46	PK	35.1	-22.4	0	53.16	-	-	74	-20.84	296	307	H
3	5.470	30.46	RMS	35.1	-22.4	.27	43.43	54	-10.57	-	-	296	307	H
2	5.467	48.67	PK	35.0	-22.4	0	61.27	-	-	74	-12.73	296	307	H
4	* 5.458	35.50	RMS	35.0	-22.5	.27	48.27	54	-5.73	-	-	296	307	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK - Peak detector
 RMS - RMS detection

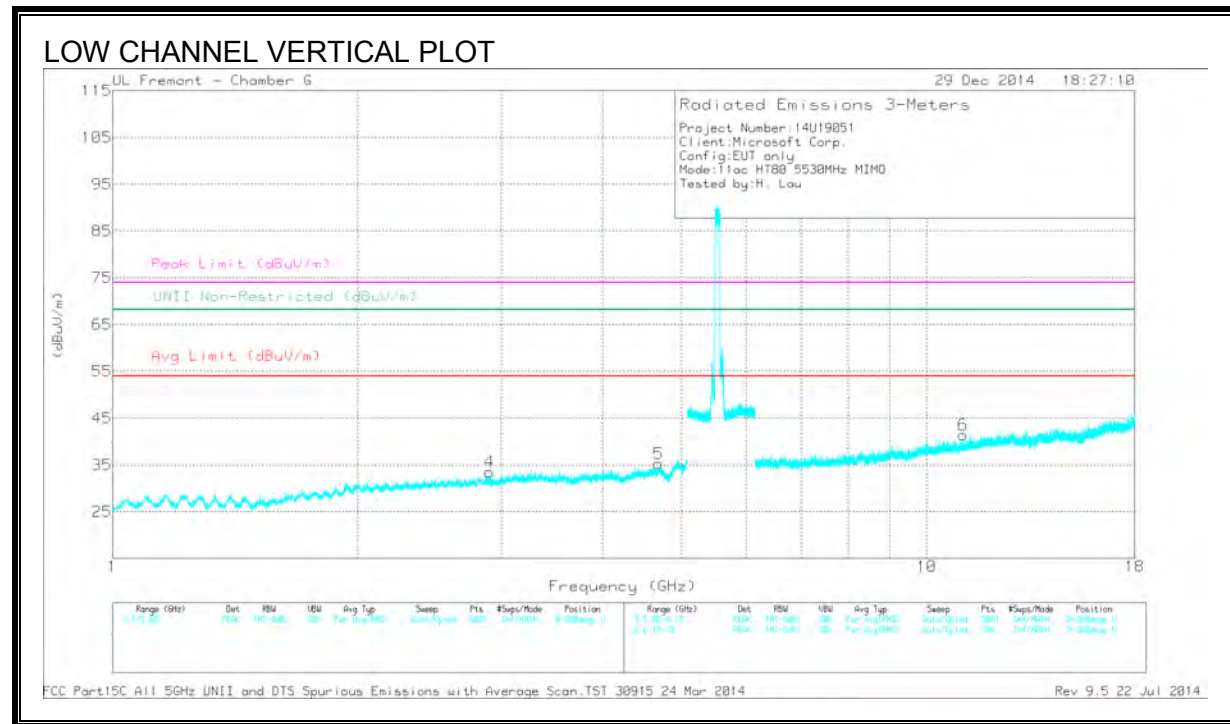
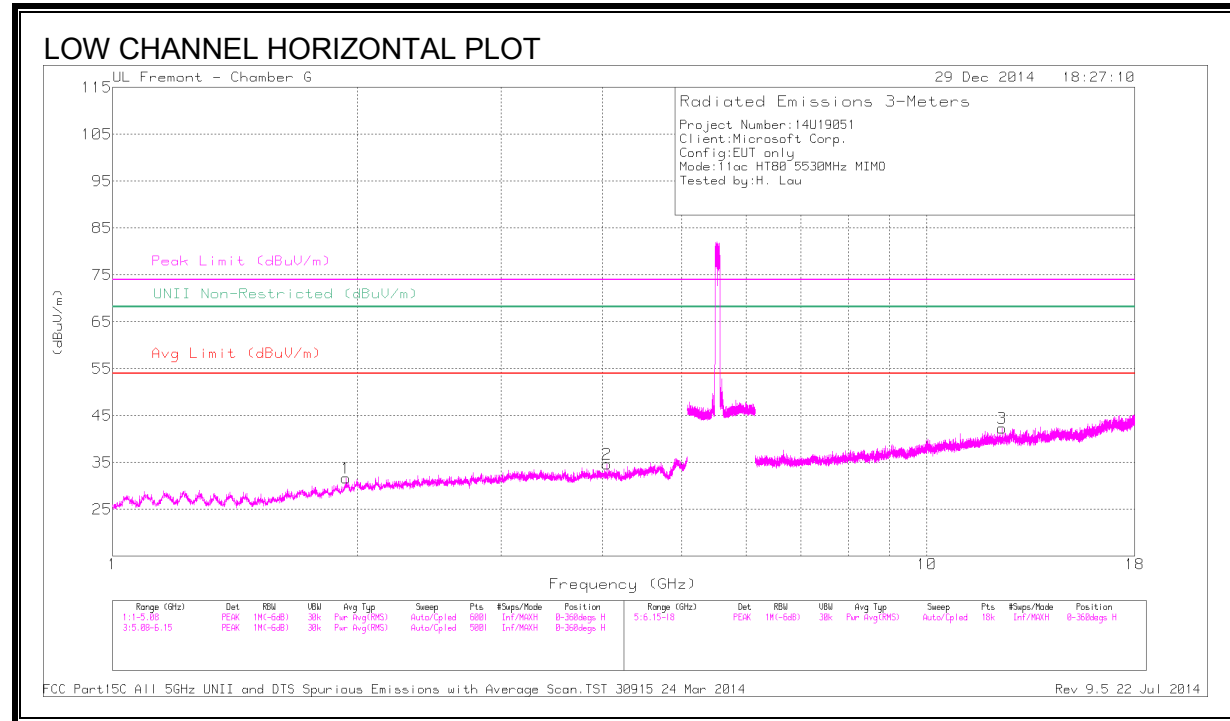


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/ 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	5.470	47.78	PK	35.1	-22.4	0	60.48	-	-	74	-13.52	103	103	V
2	* 5.460	52.21	PK	35.0	-22.5	0	64.71	-	-	74	-9.29	103	103	V
3	5.470	35.82	RMS	35.1	-22.4	.27	48.79	54	-5.21	-	-	103	103	V
4	* 5.459	39.71	RMS	35.0	-22.5	.27	52.48	54	-1.52	-	-	103	103	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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	1.934	42.85	PK1	30.9	-34.6	39.15	-	-	-	-	68.2	-29.05	49	143	H
2	* 4.047	41.03	PK1	33.4	-33.4	41.03	-	-	74	-32.97	-	-	136	191	H
	* 4.048	29.77	AD1	33.4	-33.4	29.77	54	-24.23	-	-	-	-	136	191	H
3	* 12.369	37.35	PK1	38.9	-26.8	49.45	-	-	74	-24.55	-	-	212	211	H
	* 12.368	25.66	AD1	38.9	-26.8	37.76	54	-16.24	-	-	-	-	212	211	H
4	2.901	42.21	PK1	32.3	-34.1	40.41	-	-	-	-	68.2	-27.79	218	219	V
5	* 4.680	42.16	PK1	34.0	-33.0	43.16	-	-	74	-30.84	-	-	297	186	V
	* 4.680	30.46	AD1	34.0	-33.0	31.46	54	-22.54	-	-	-	-	297	186	V
6	* 11.078	37.46	PK1	37.9	-26.8	48.56	-	-	74	-25.44	-	-	322	165	V
	* 11.078	25.82	AD1	37.9	-26.8	36.92	54	-17.08	-	-	-	-	322	165	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band
 PK1 - KDB789033 Method: Peak
 AD1 - KDB789033 Method: AD Primary Power Average