

8.3.2. 99% BANDWIDTH

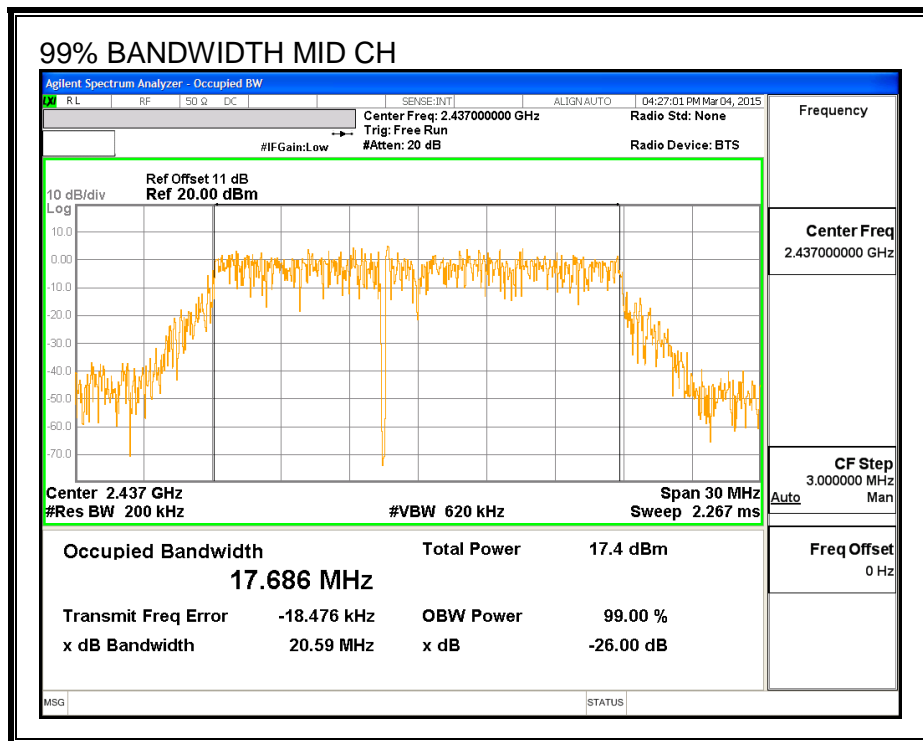
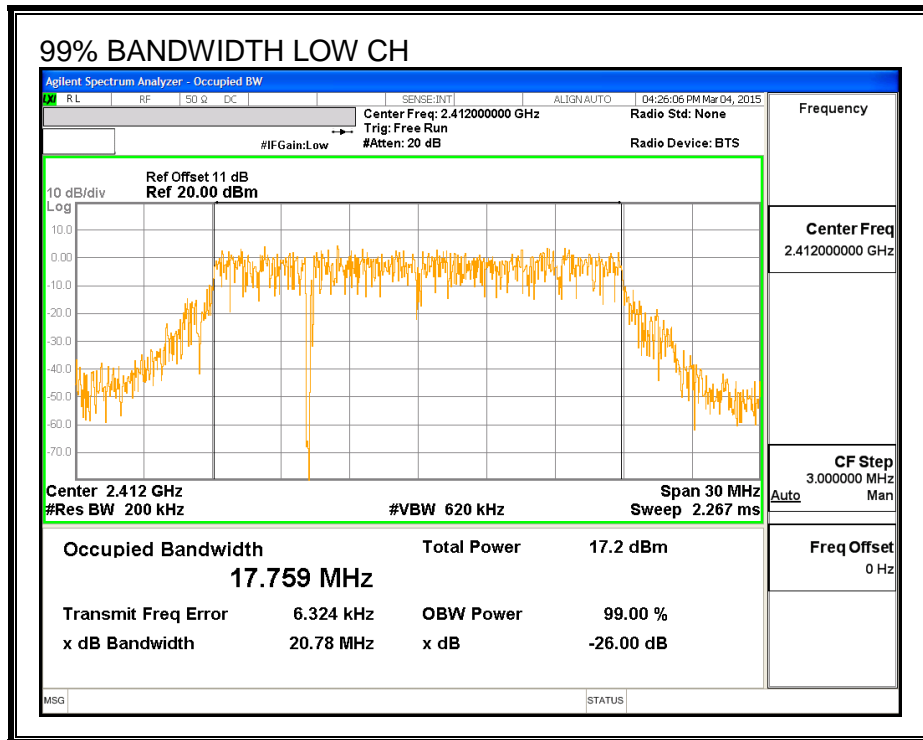
LIMITS

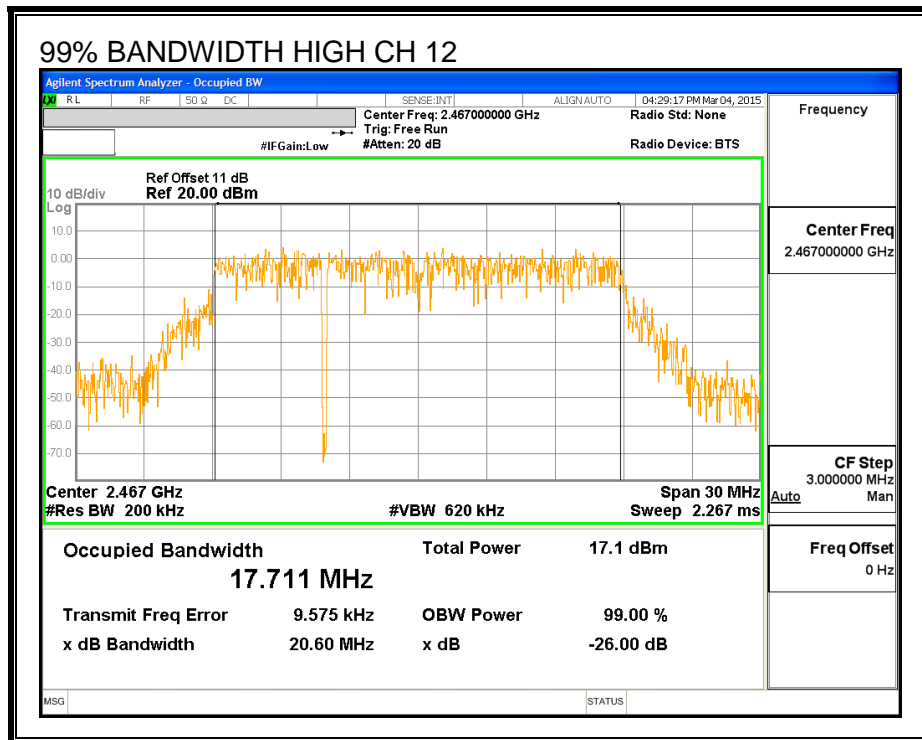
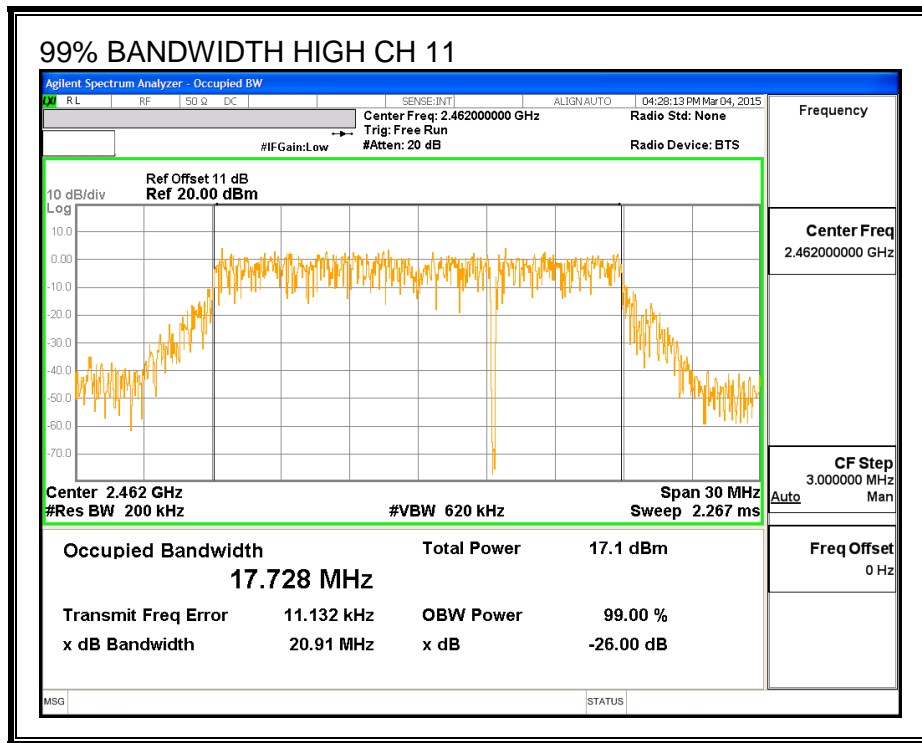
None; for reporting purposes only.

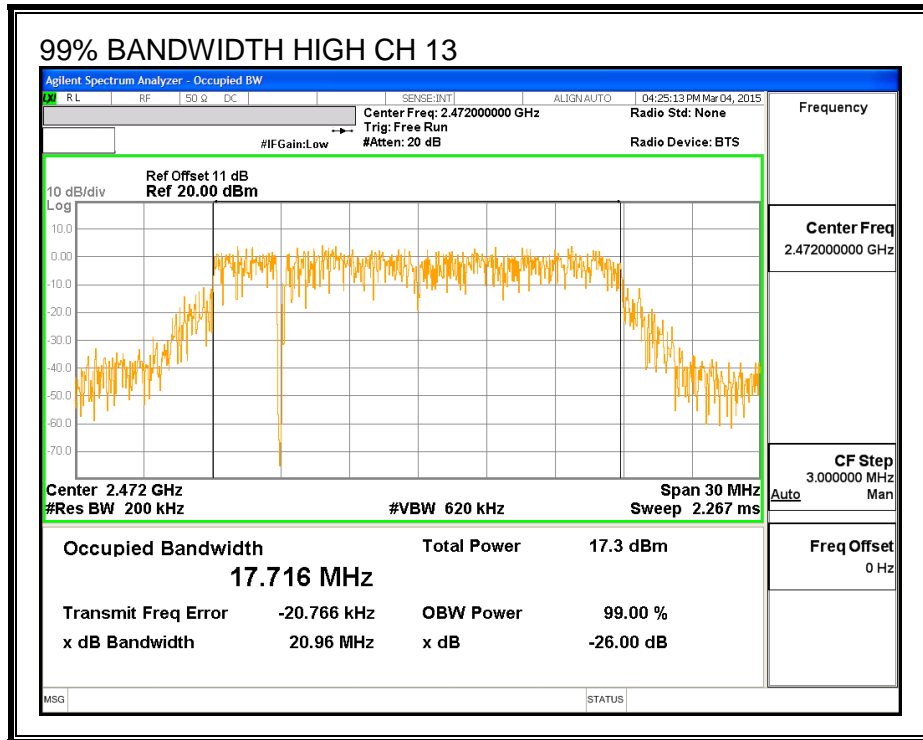
RESULTS

Channel	Frequency (MHz)	99% Bandwidth (MHz) Antenna B	99% Bandwidth (MHz) Antenna A
Low	2412	17.759	17.719
Mid	2437	17.686	17.711
High	2462	17.728	17.656
High	2467	17.711	17.682
High	2472	17.716	17.691

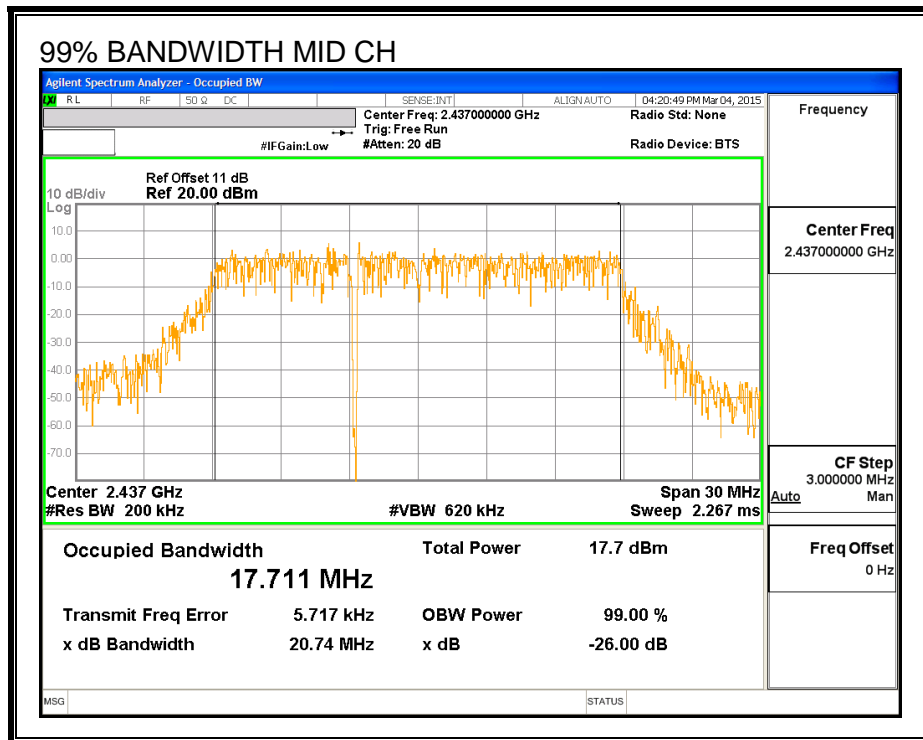
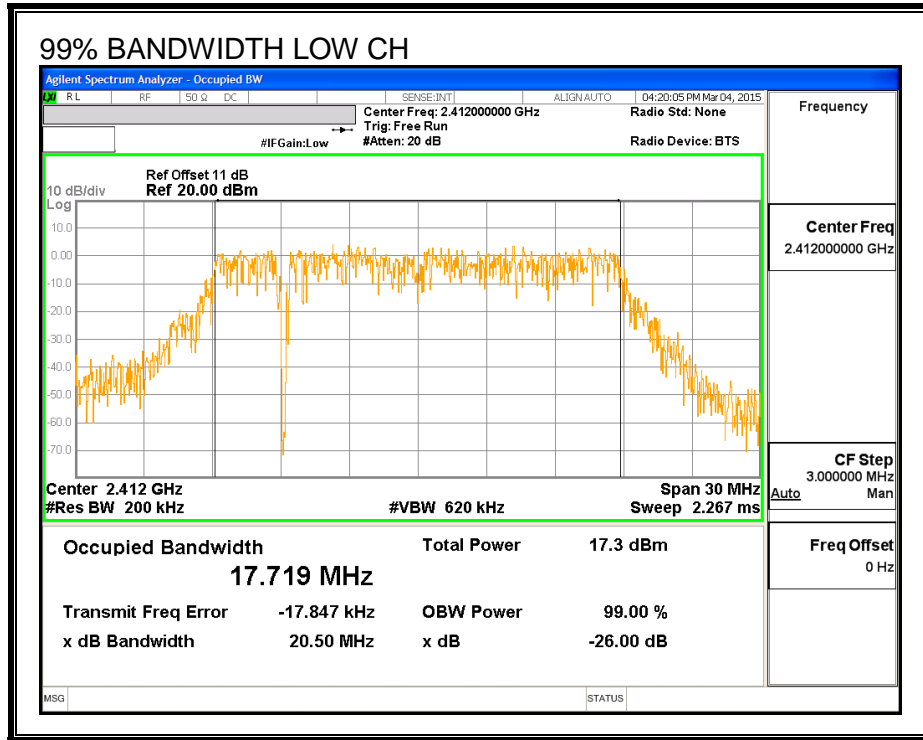
ANTENNA B 99% BANDWIDTH

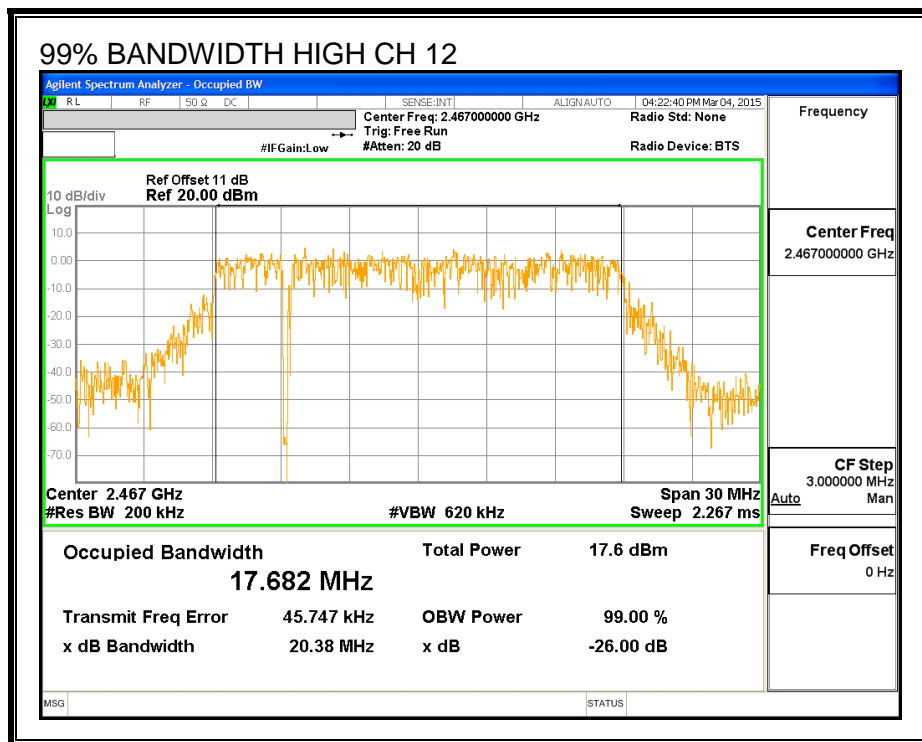
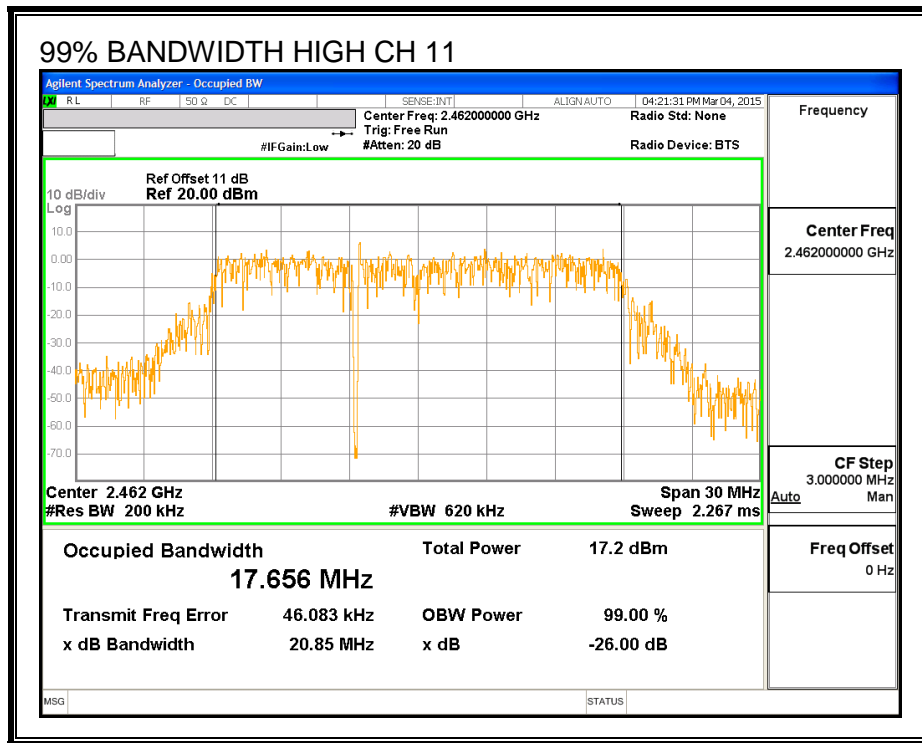


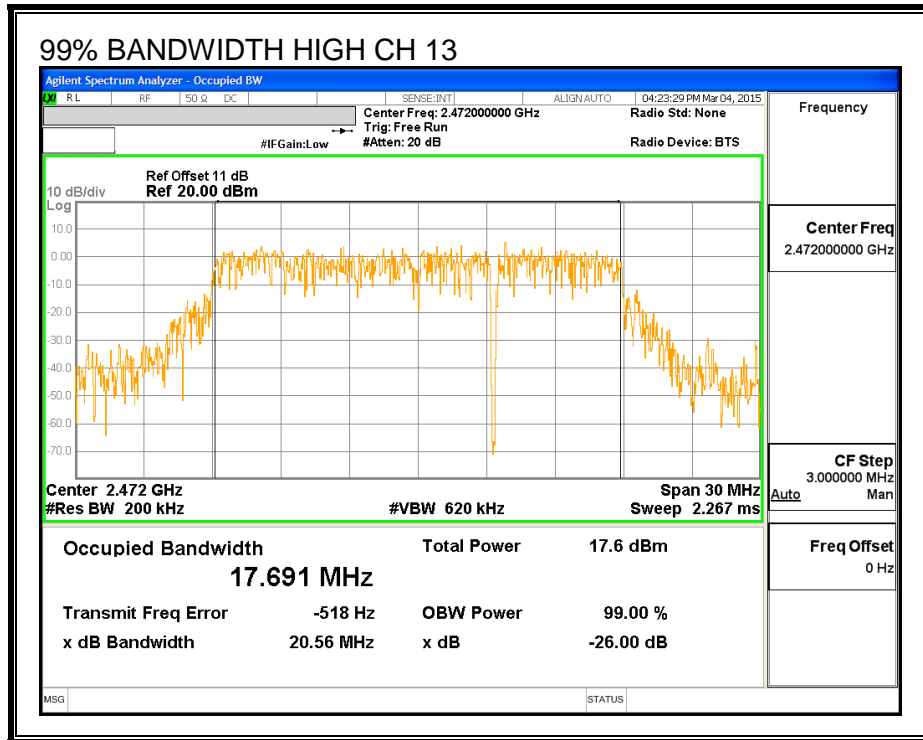




ANTENNA A 99% BANDWIDTH







8.3.3. AVERAGE POWER

LIMITS

None; for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	Antenna B Power (dBm)	Antenna A Power (dBm)	Total Power (dBm)
Low	2412	13.99	14.04	17.03
Mid	2437	15.96	14.91	18.48
High	2462	13.04	13.13	16.10
High	2467	10.04	10.01	13.04
High	2472	3.05	2.94	6.01

8.3.4. OUTPUT POWER

LIMITS

FCC §15.247

For systems using digital modulation in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands: 1 Watt, based on the use of antennas with directional gains that do not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator 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:

Antenna B	Antenna A	Uncorrelated Chains
Antenna Gain (dBi)	Antenna Gain (dBi)	Directional Gain (dBi)
2.00	0.20	1.19

RESULTS

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low	2412	1.19	30.00	30	36	30.00
Mid	2437	1.19	30.00	30	36	30.00
High	2462	1.19	30.00	30	36	30.00
High	2467	1.19	30.00	30	36	30.00
High	2472	1.19	30.00	30	36	30.00

Results

Channel	Frequency (MHz)	Antenna B Meas Power (dBm)	Antenna A Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margi (dB)
Low	2412	20.92	20.96	23.95	30.00	-6.05
Mid	2437	23.06	22.11	25.62	30.00	-4.38
High	2462	20.05	20.07	23.07	30.00	-6.93
High	2467	17.08	17.12	20.11	30.00	-9.89
High	2472	12.02	11.99	15.02	30.00	-14.98

8.3.5. PSD

LIMITS

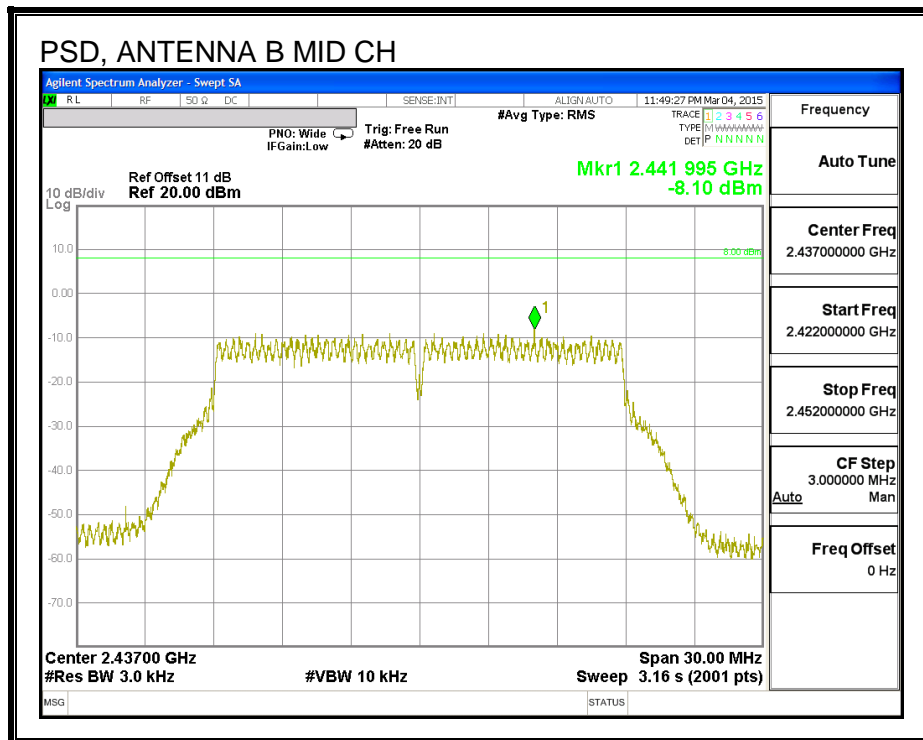
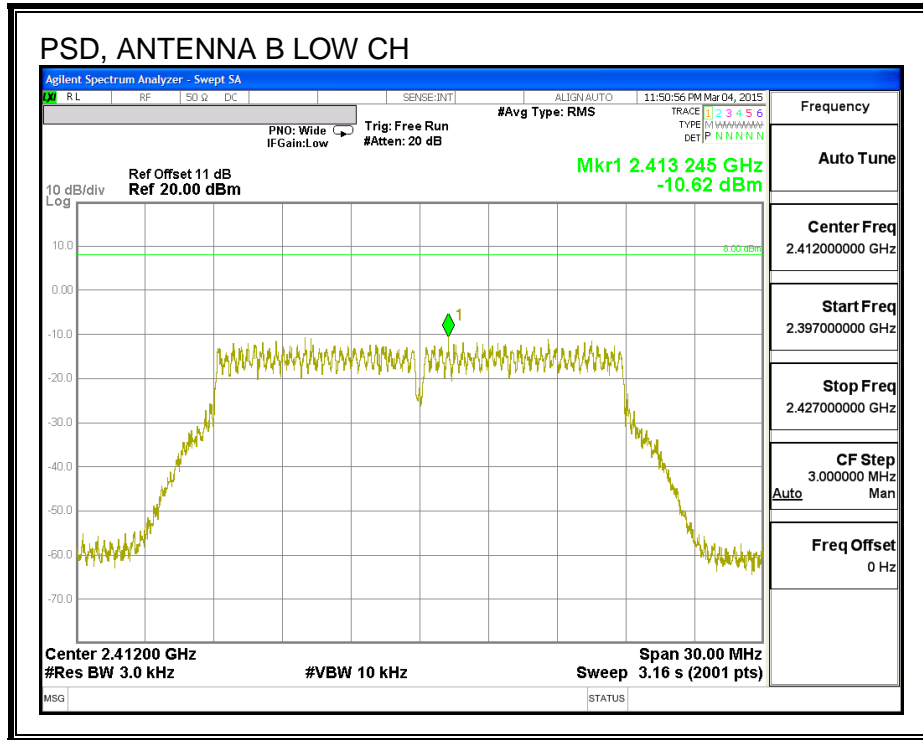
FCC §15.247

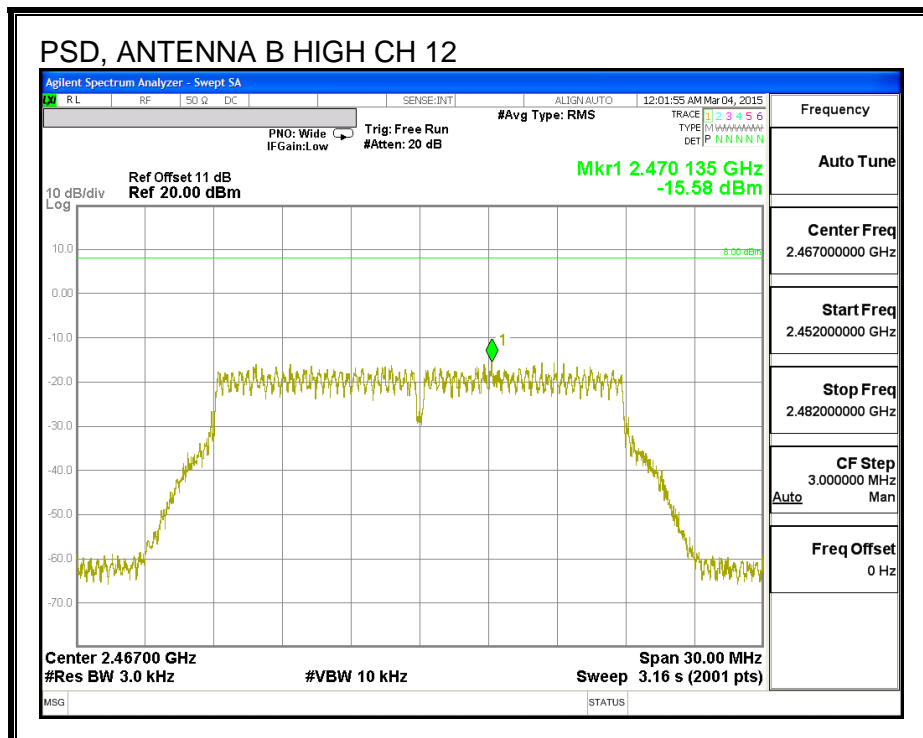
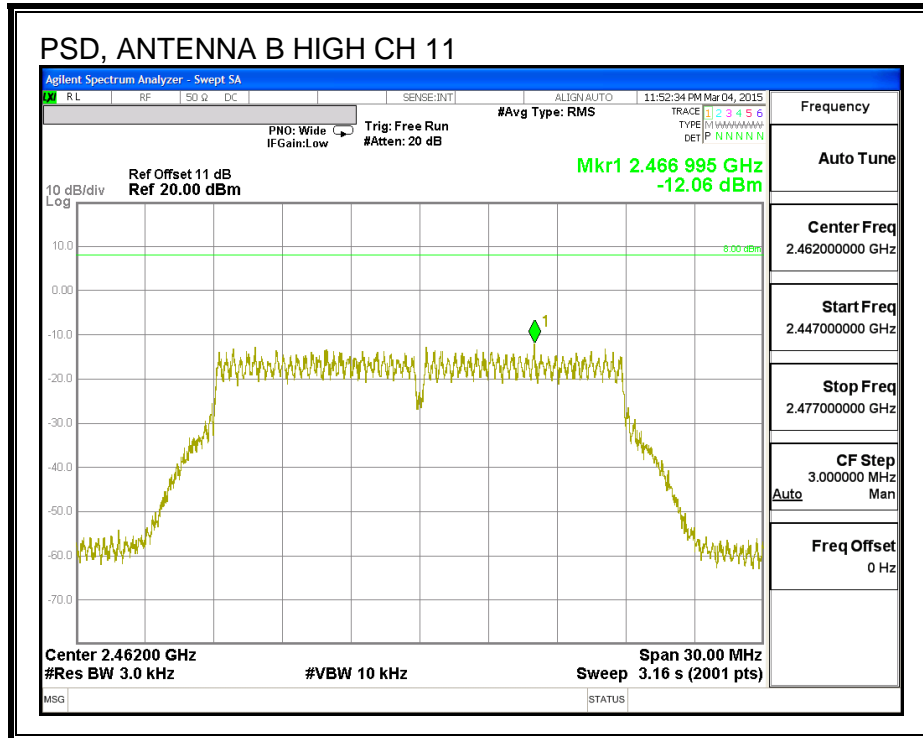
RESULTS

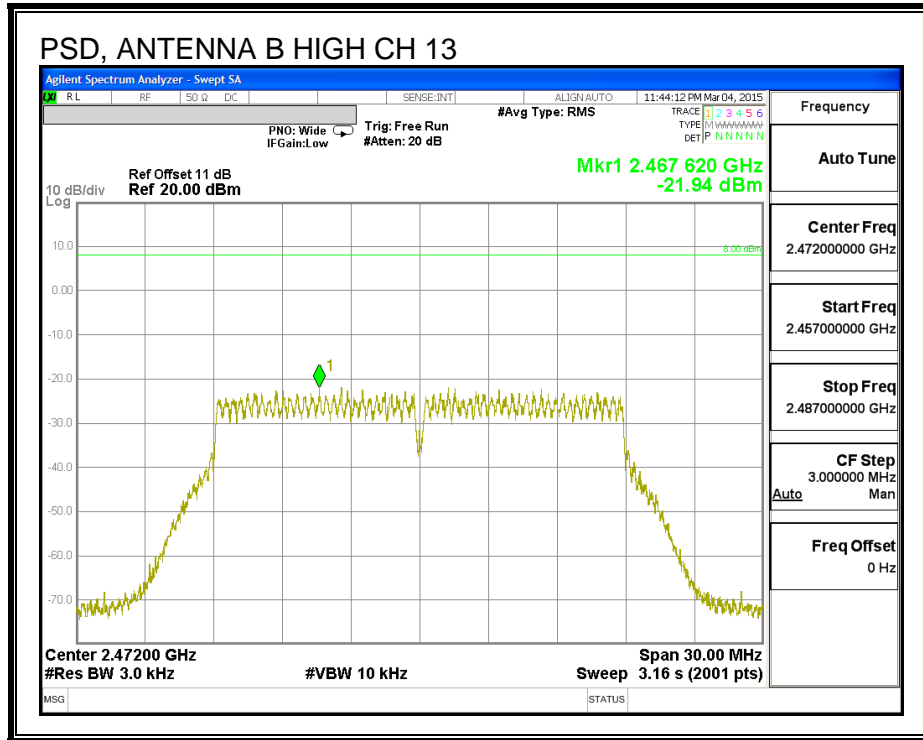
PSD Results

Channel	Frequency (MHz)	Antenna B Meas (dBm)	Antenna A Meas (dBm)	Total PSD (dBm)	Limit (dBm)	Margin (dB)
Low	2412	-10.62	-11.44	-8.00	8.0	-16.0
Mid	2437	-8.10	-10.08	-5.97	8.0	-14.0
High	2462	-12.06	-11.93	-8.98	8.0	-17.0
High	2467	-15.58	-15.39	-12.47	8.0	-20.5
High	2472	-21.94	-22.14	-19.03	8.0	-27.0

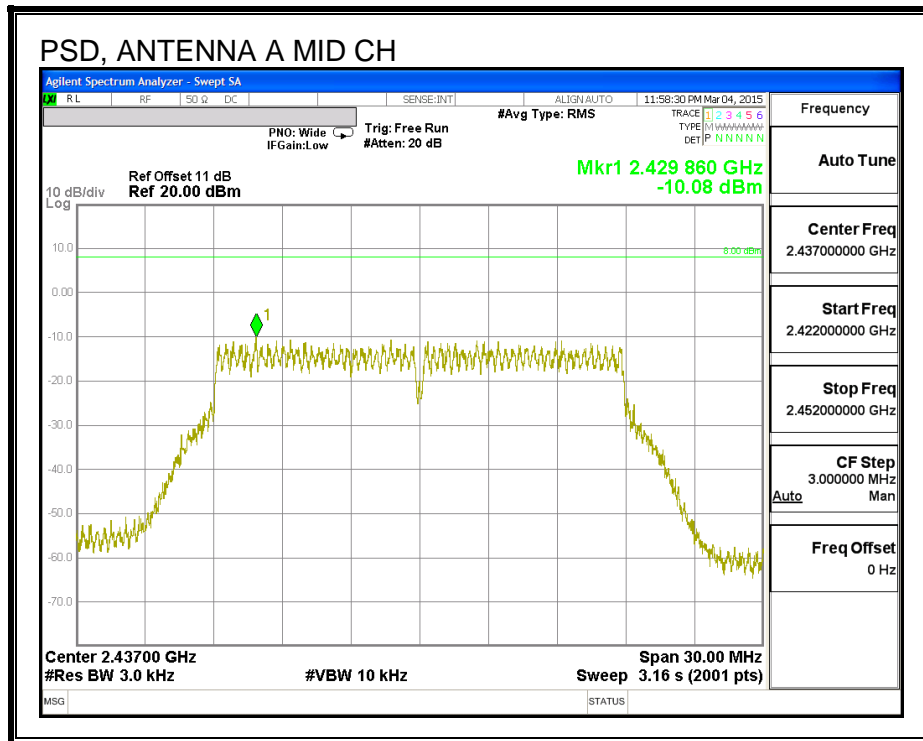
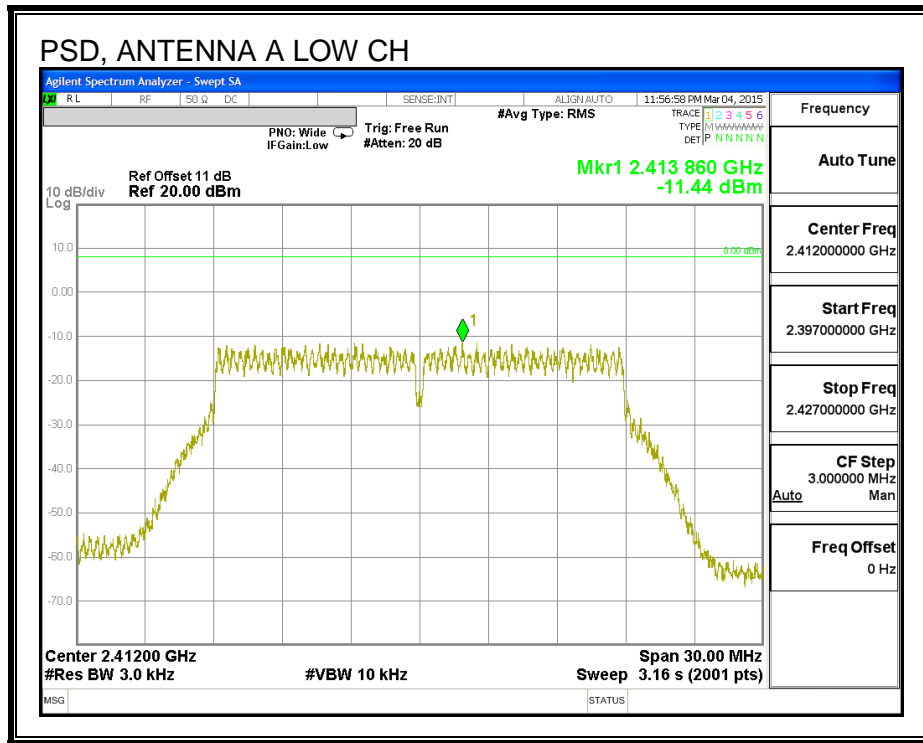
PSD, ANTENNA B

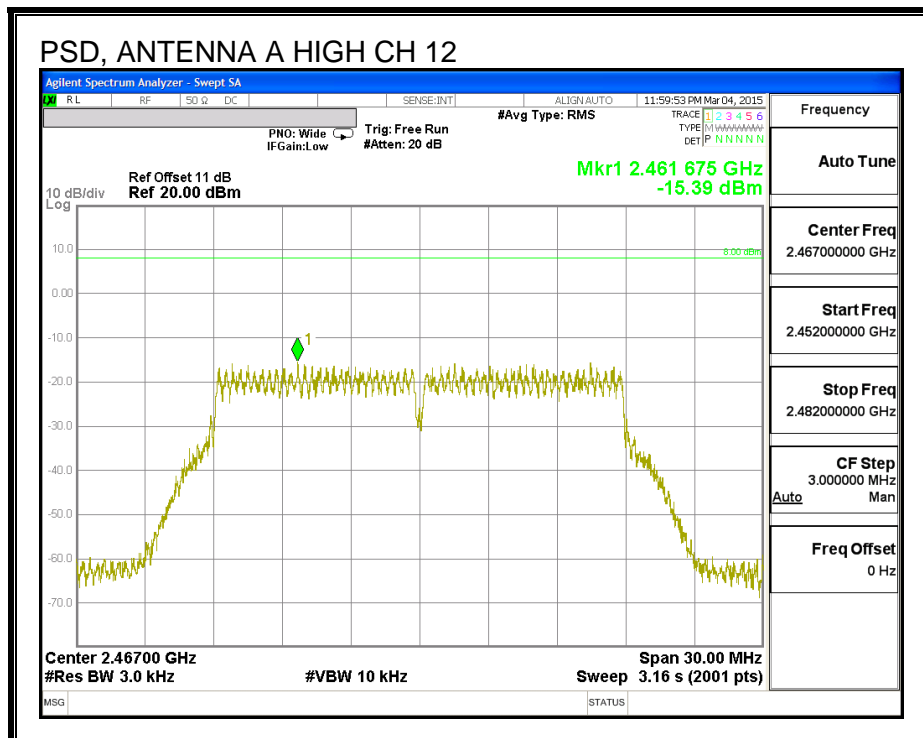
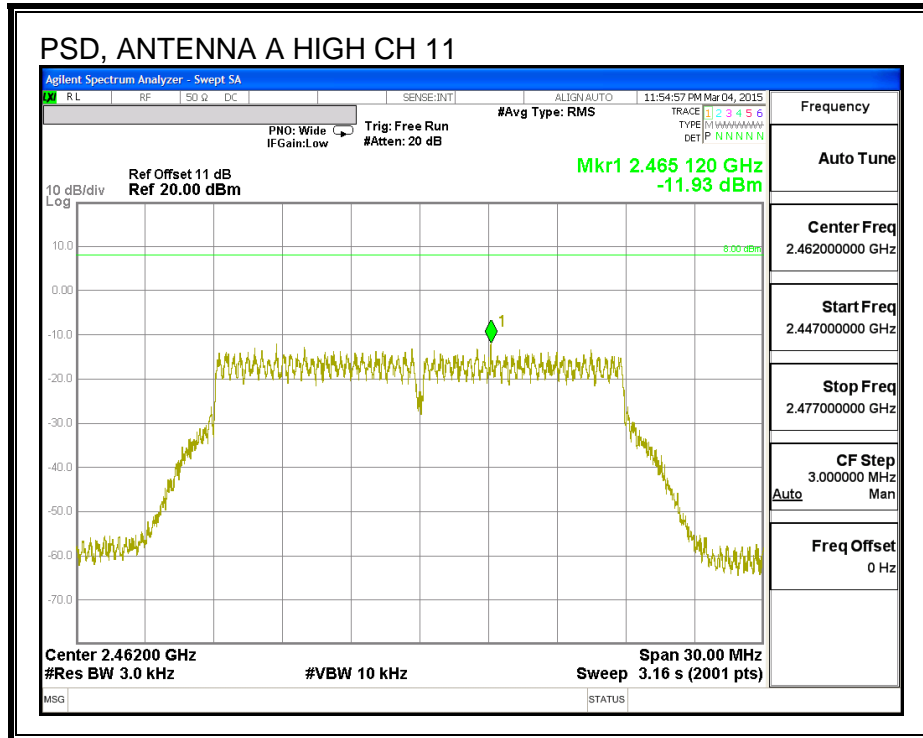


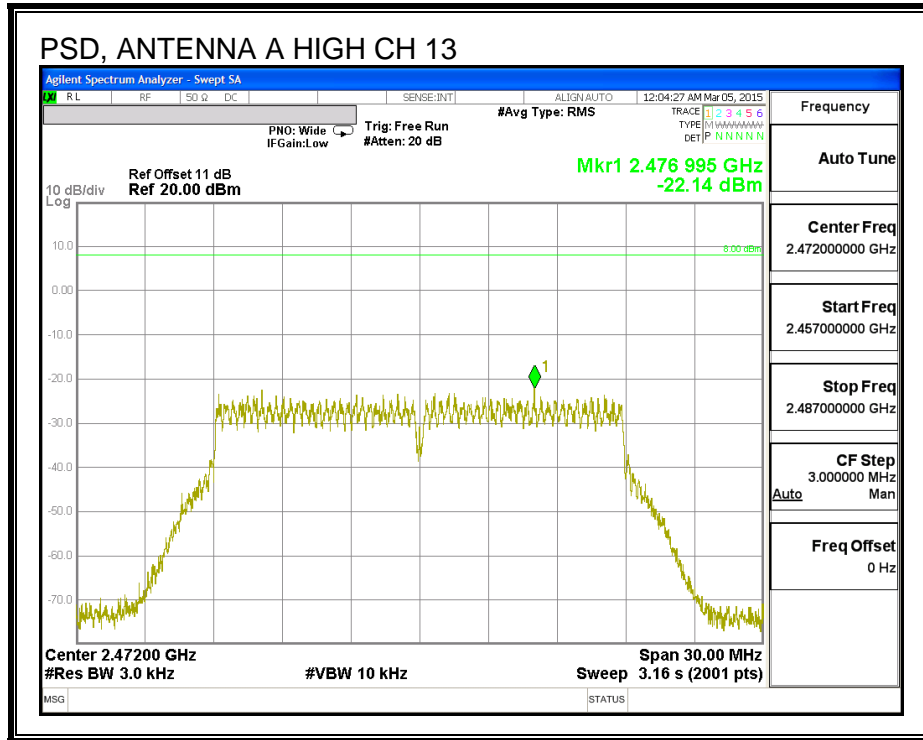




PSD, ANTENNA A







8.3.6. OUT-OF-BAND EMISSIONS

LIMITS

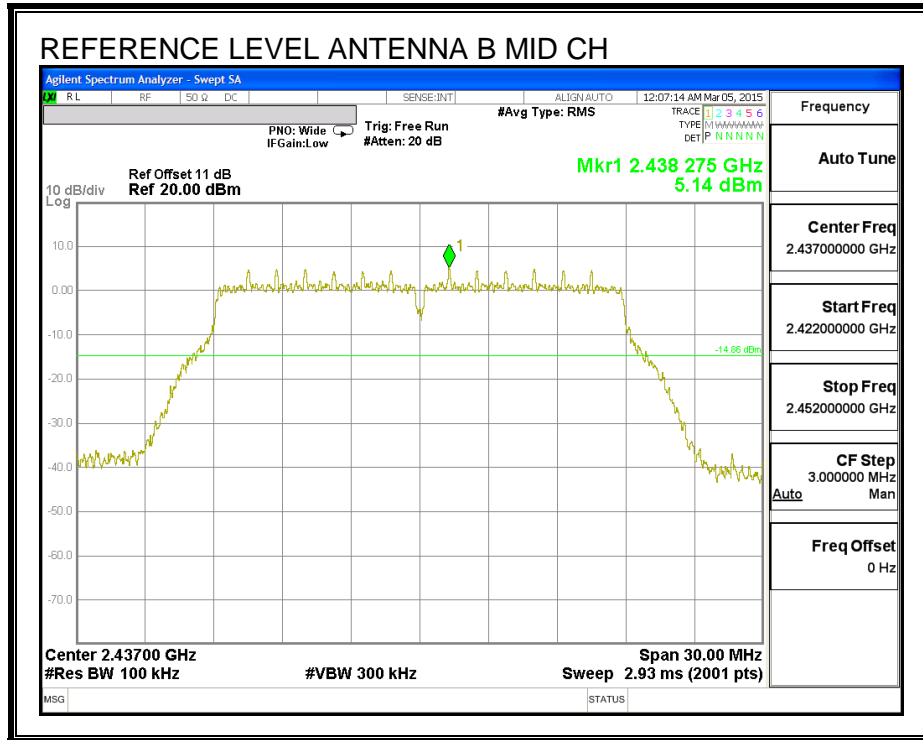
FCC §15.247 (d)

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required.

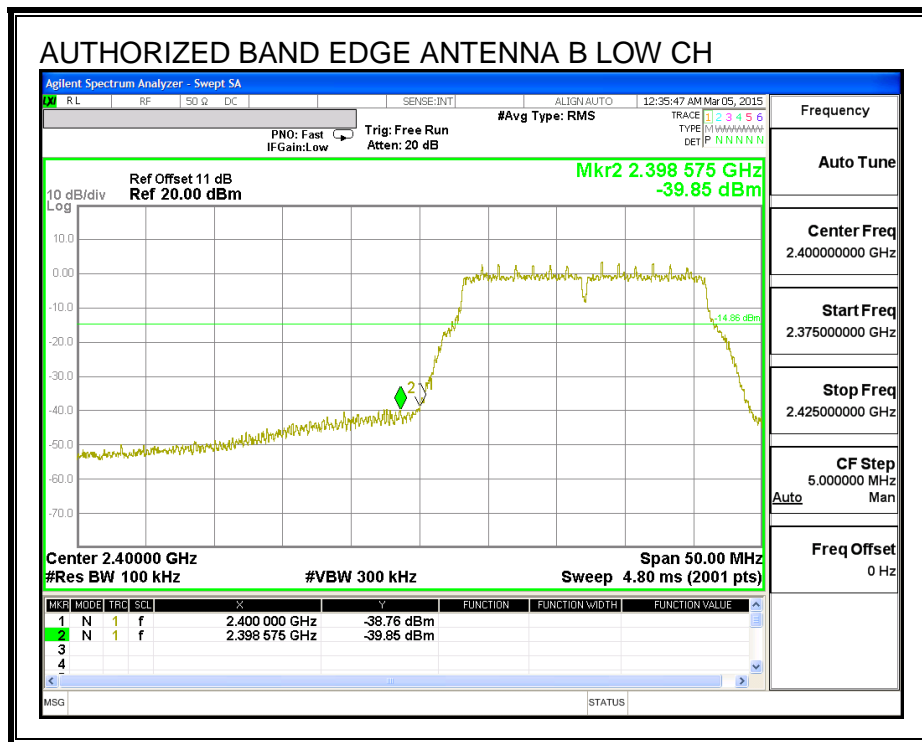
RESULTS

ANTENNA B

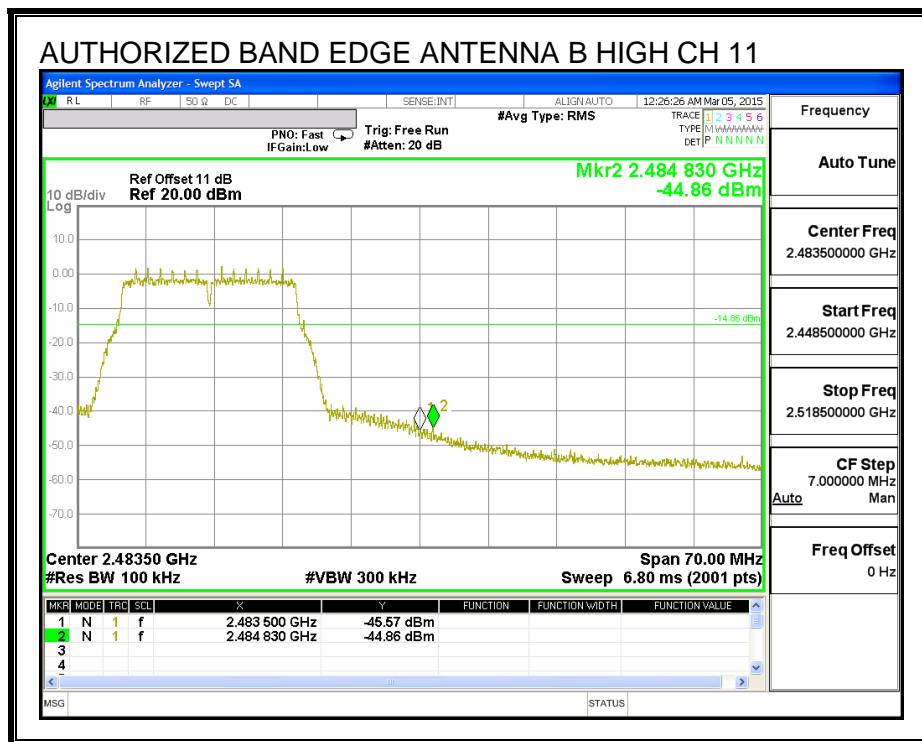
IN-BAND REFERENCE LEVEL



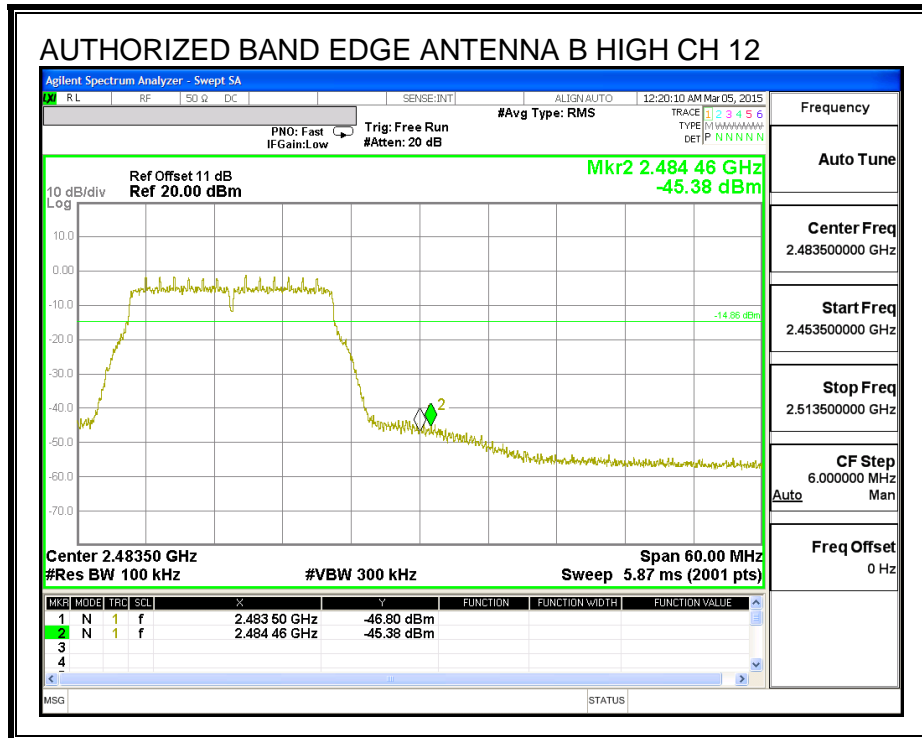
LOW CHANNEL BANDEGE



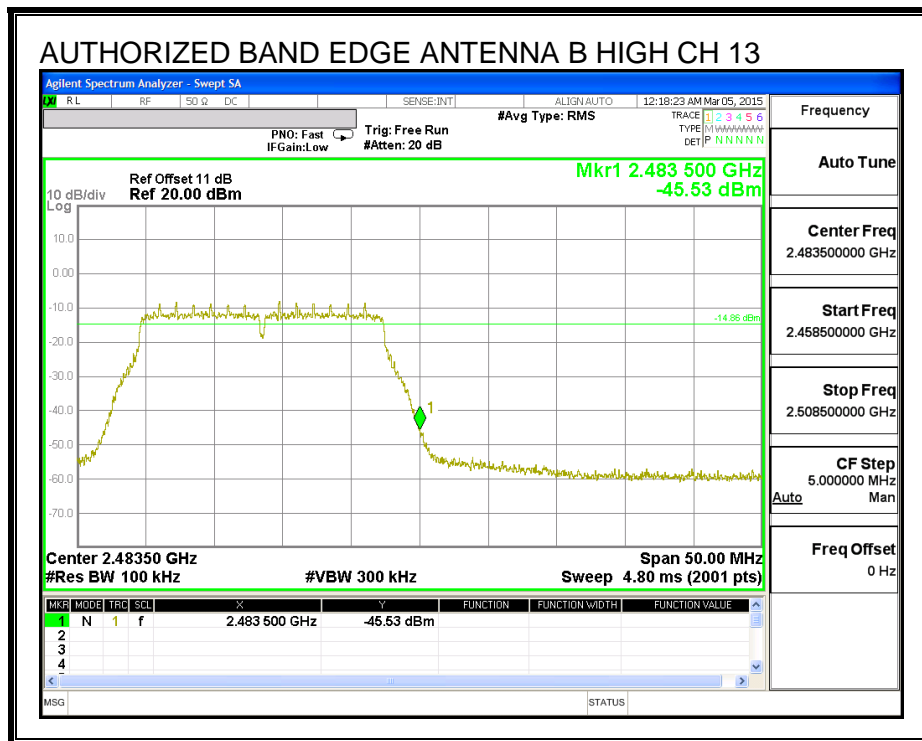
HIGH CHANNEL BANDEGE



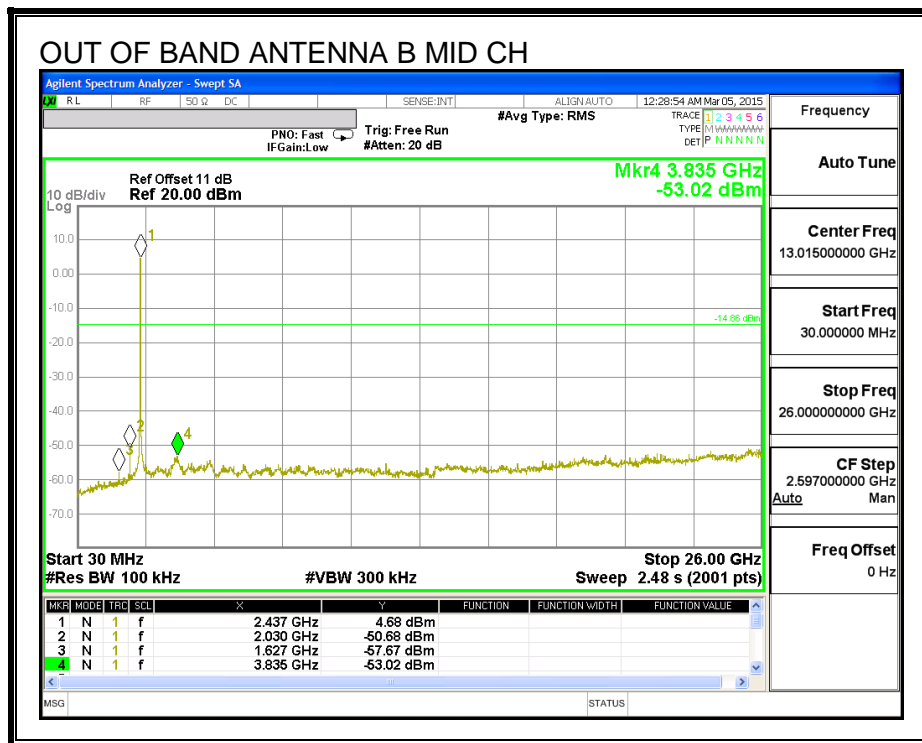
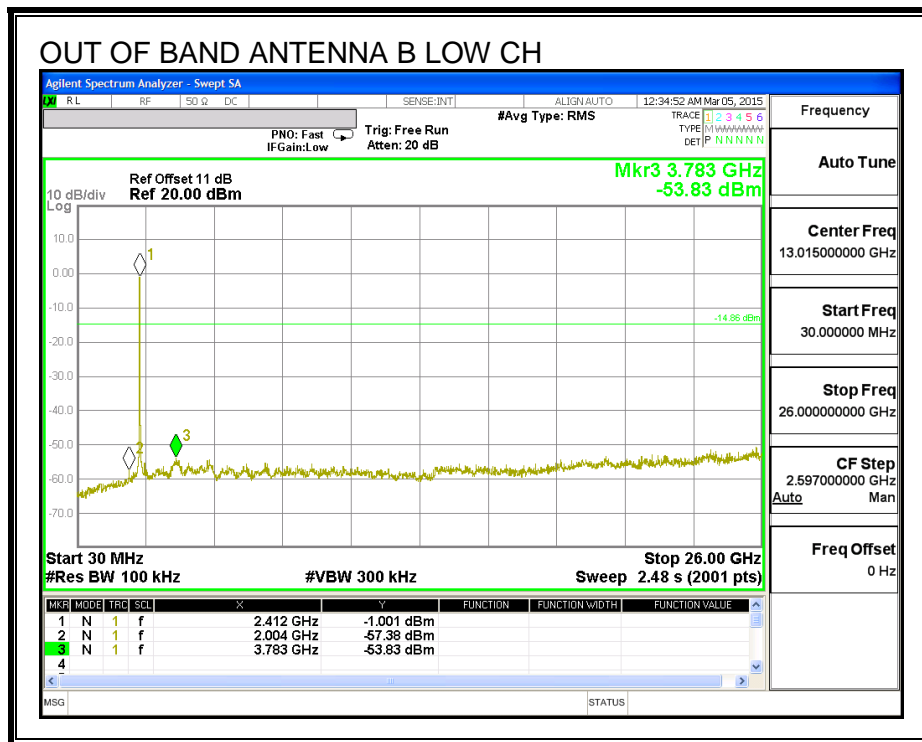
HIGH CHANNEL 12 BANDEGE

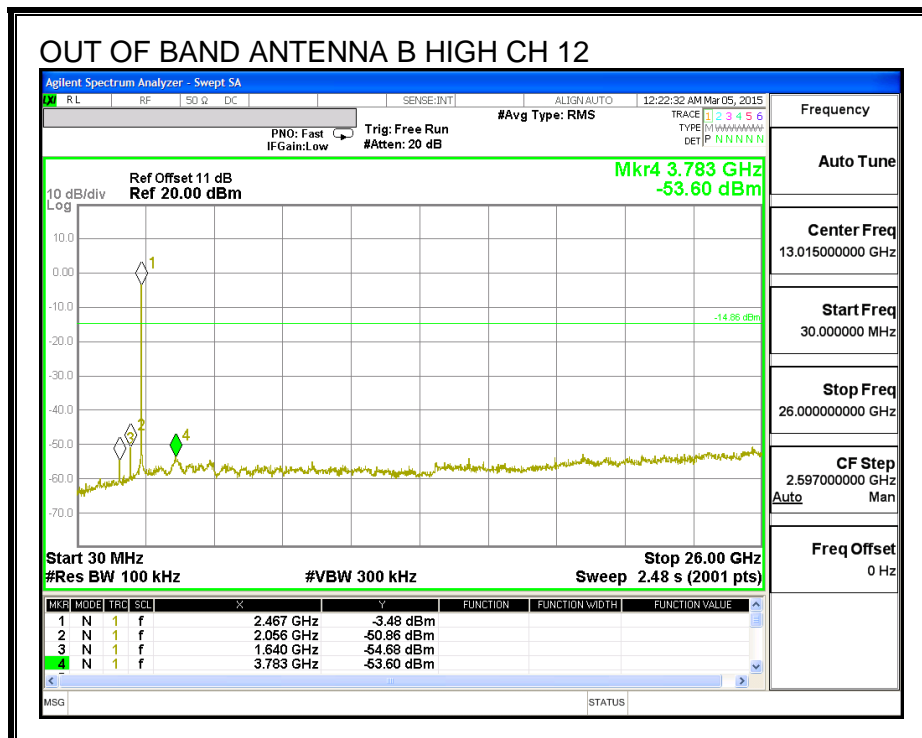
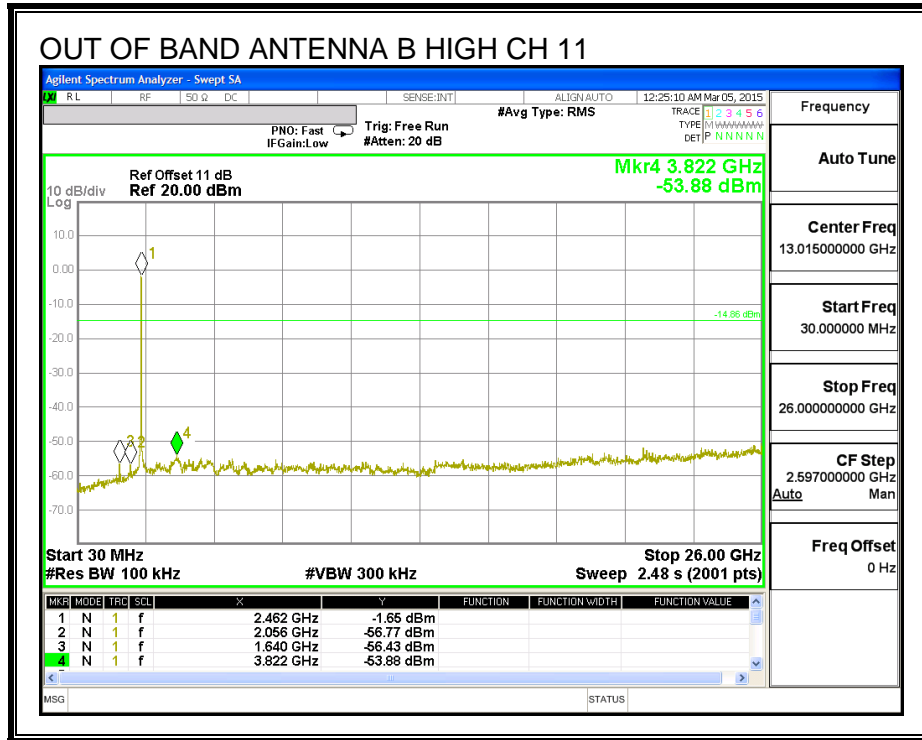


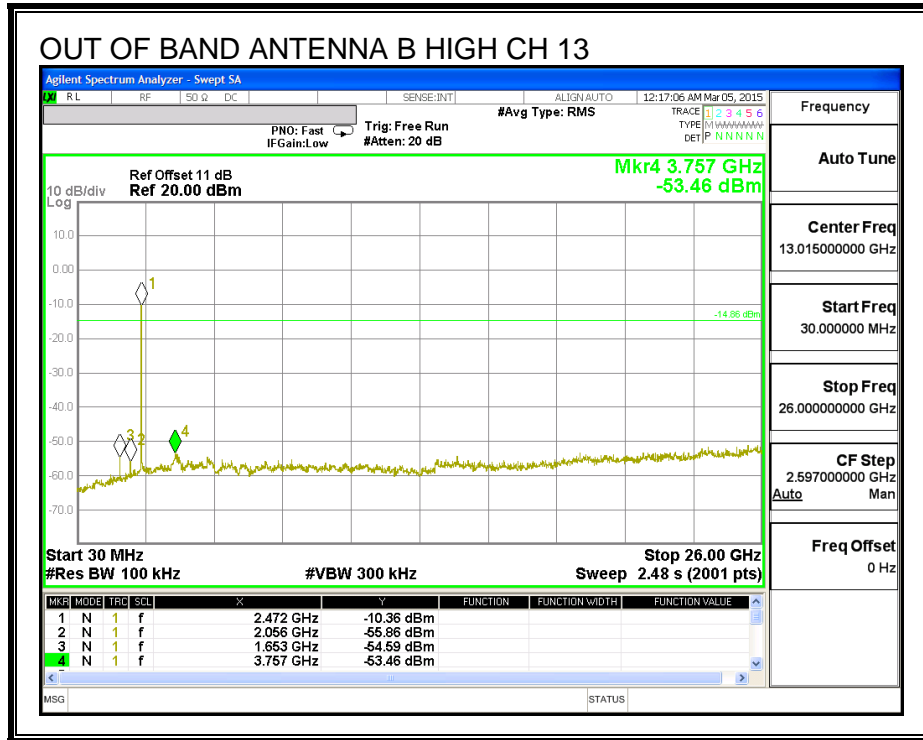
HIGH CHANNEL 13 BANDEGE



OUT-OF-BAND EMISSIONS

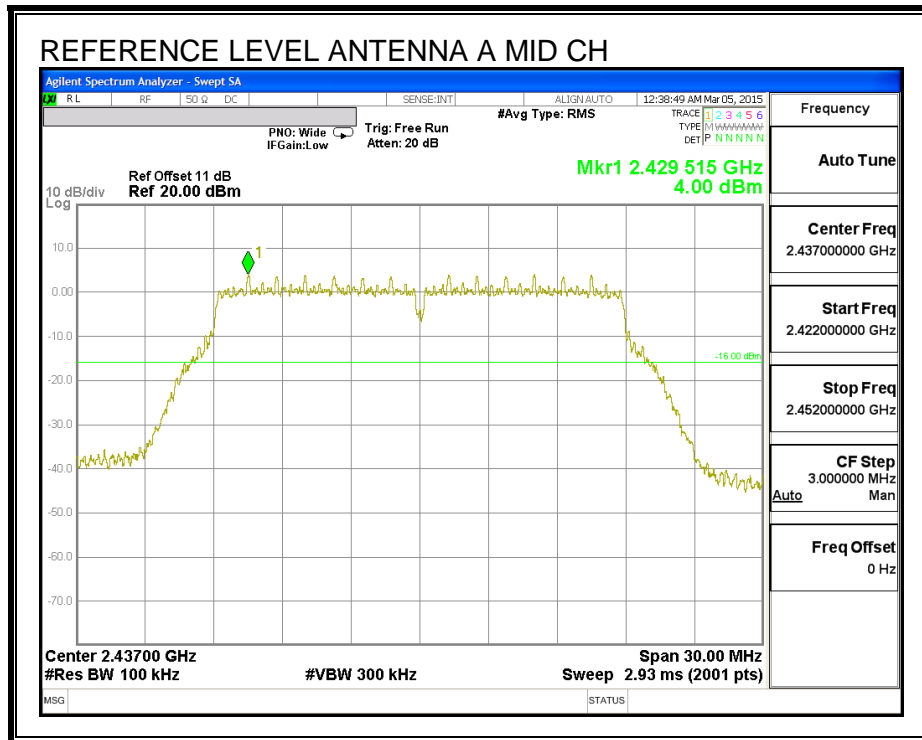




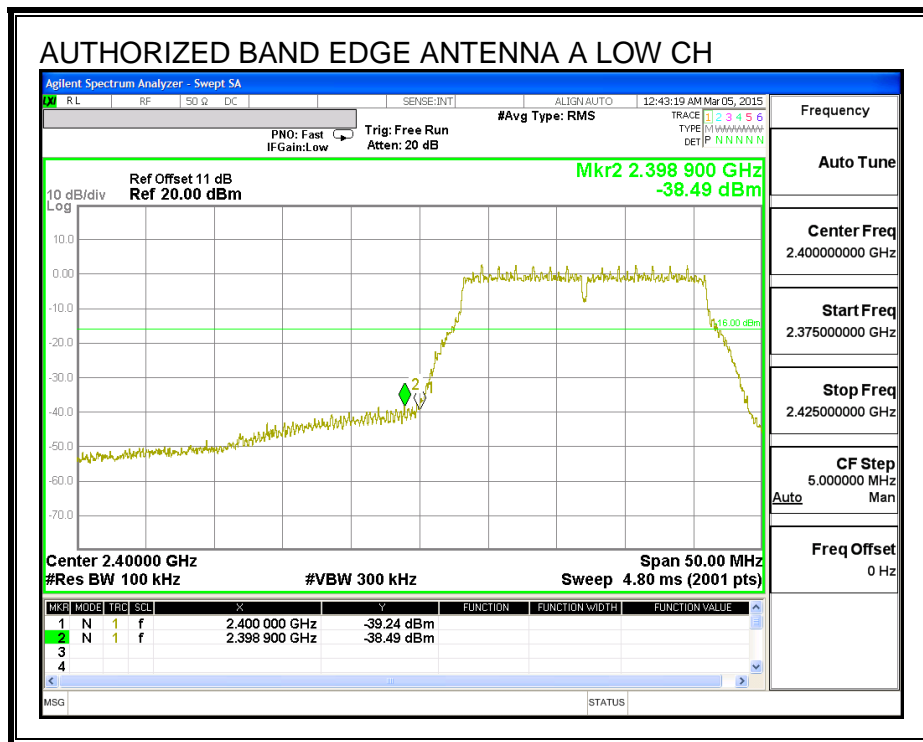


ANTENNA A

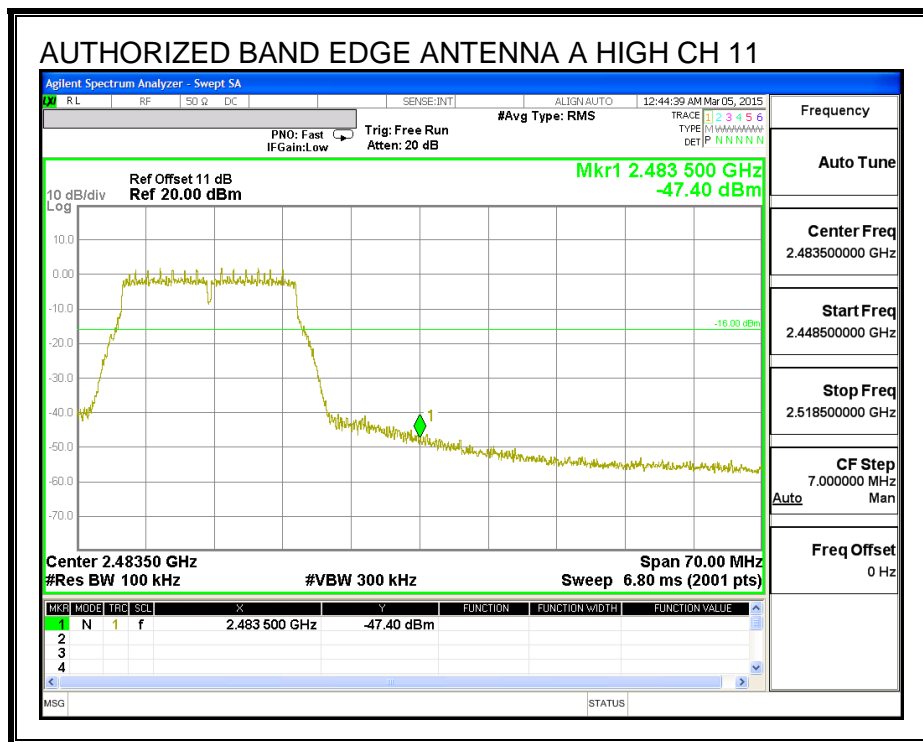
IN-BAND REFERENCE LEVEL



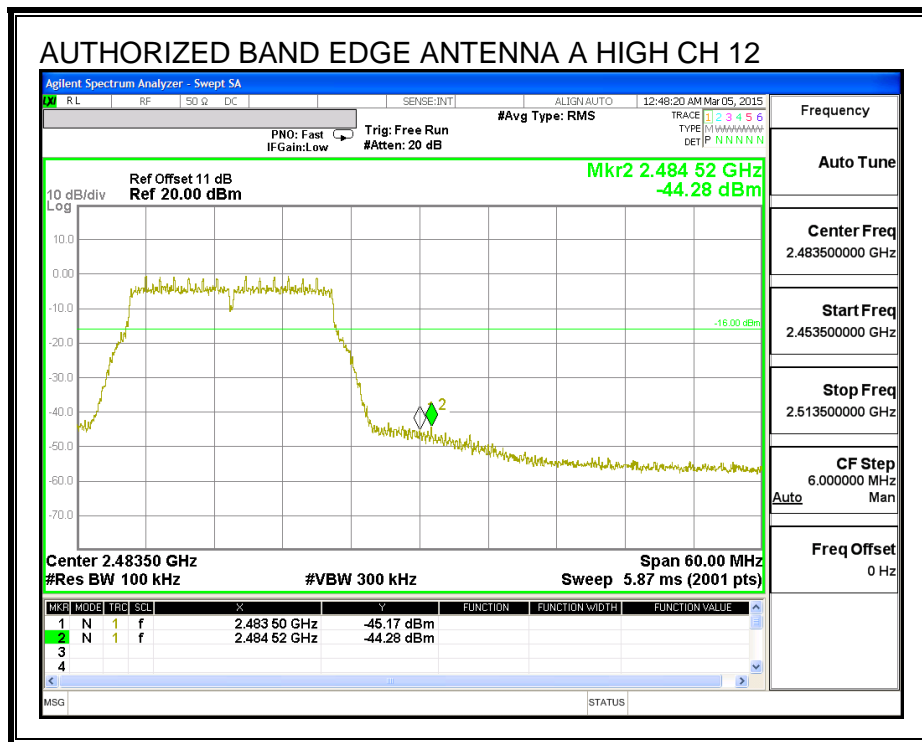
LOW CHANNEL BANDEGE



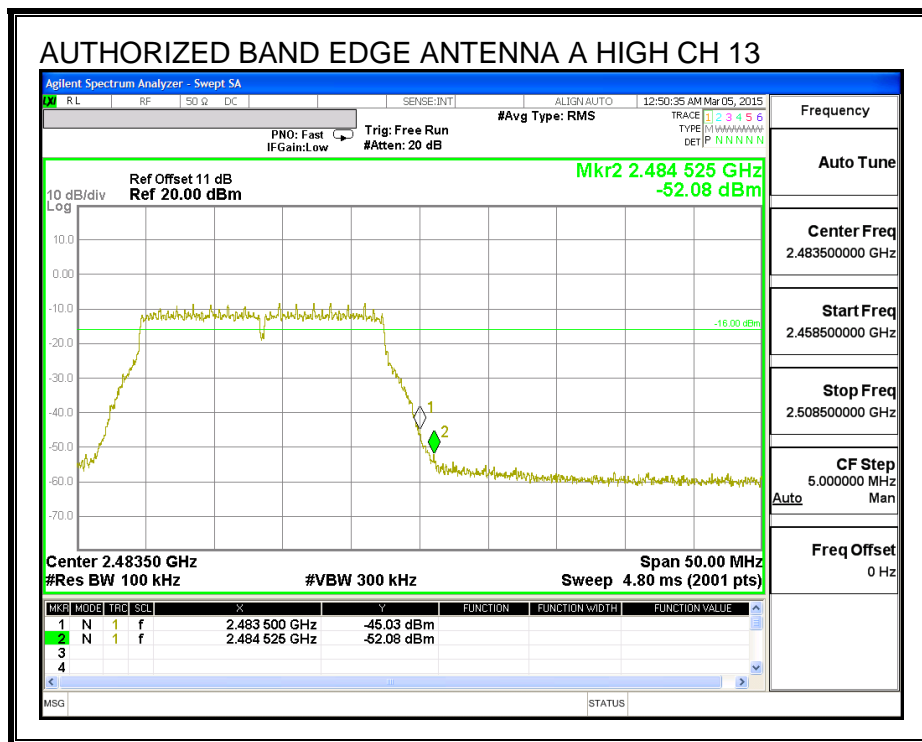
HIGH CHANNEL 11 BANDEGE

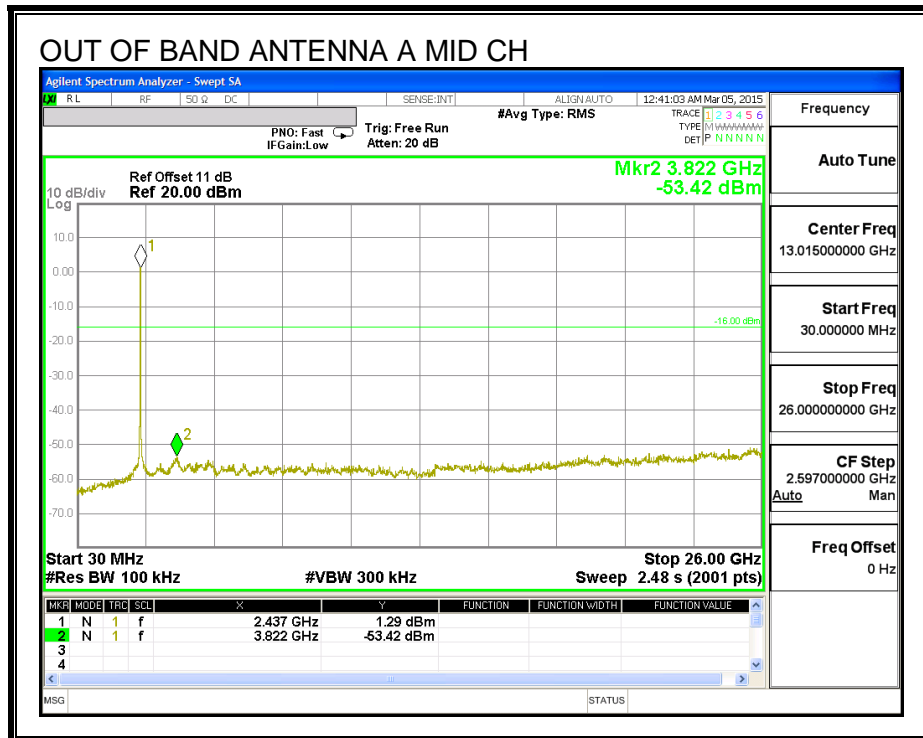
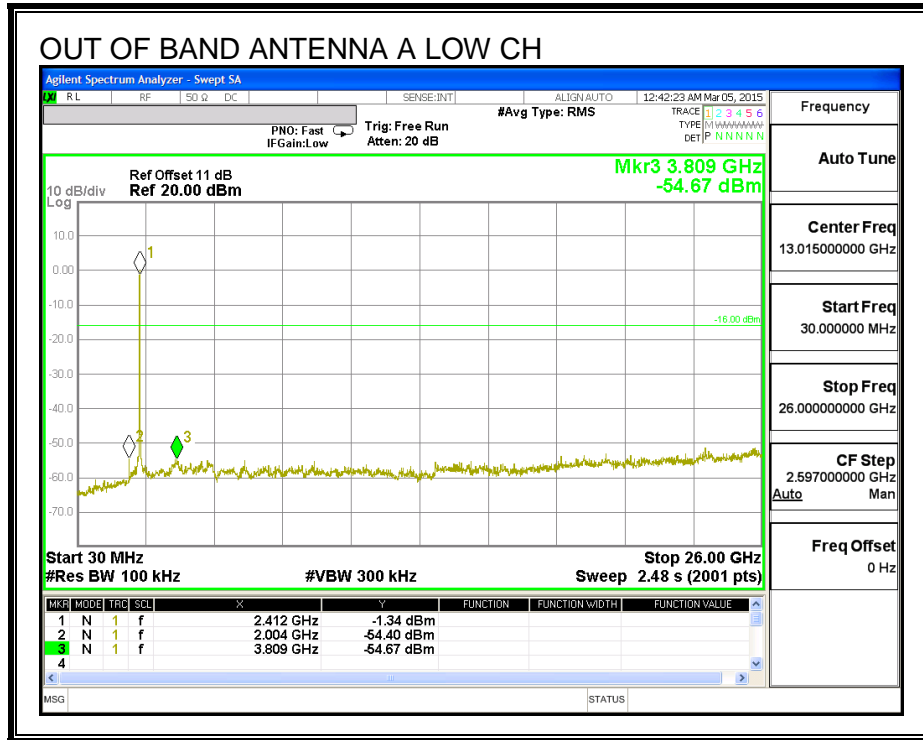


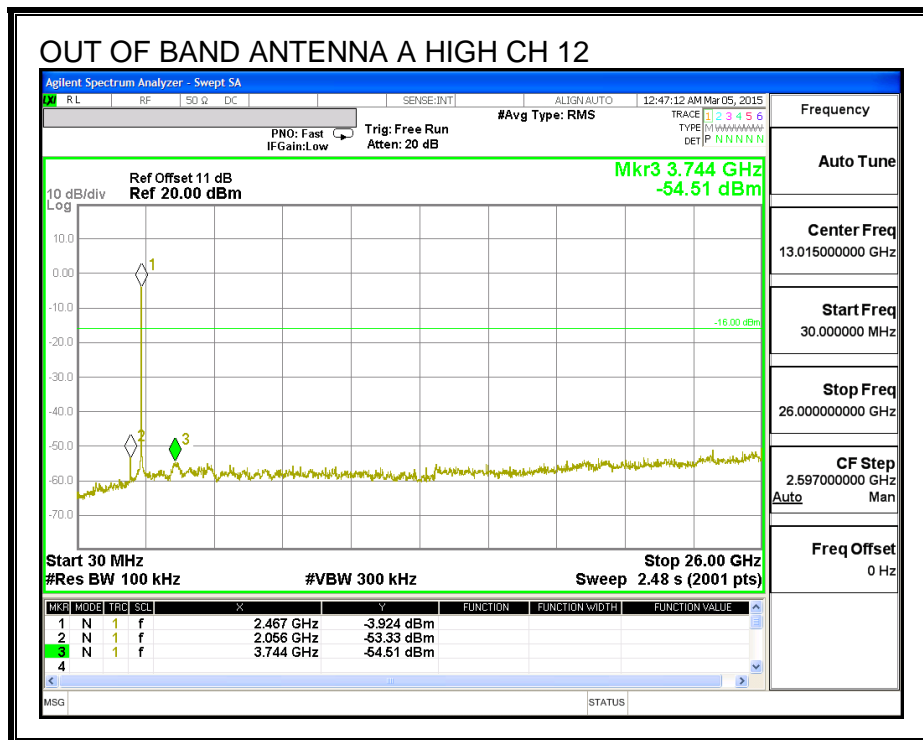
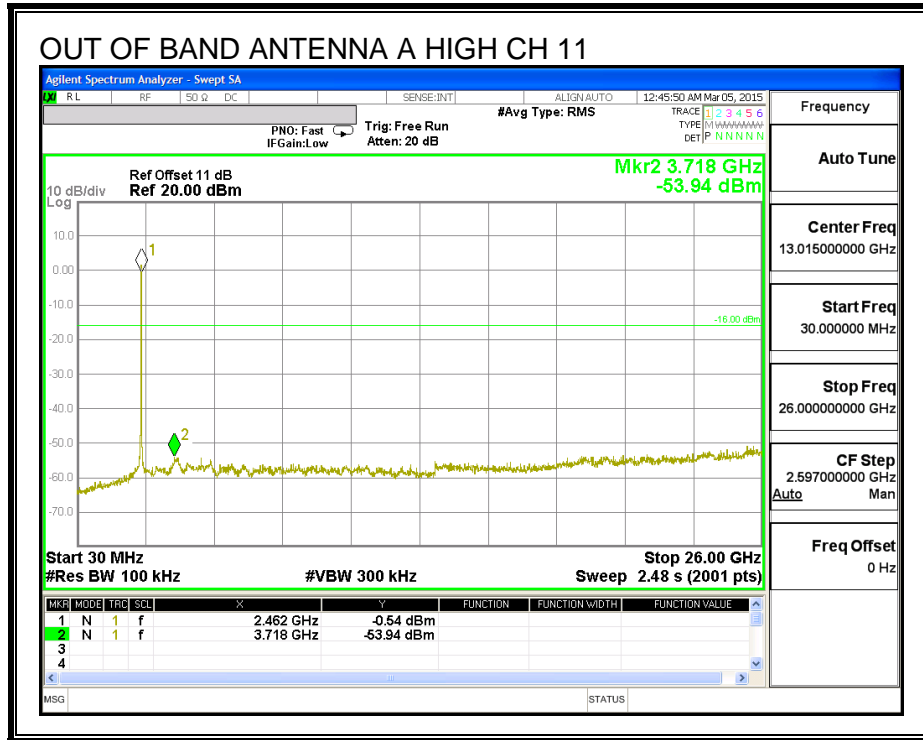
HIGH CHANNEL 12 BANDEGE

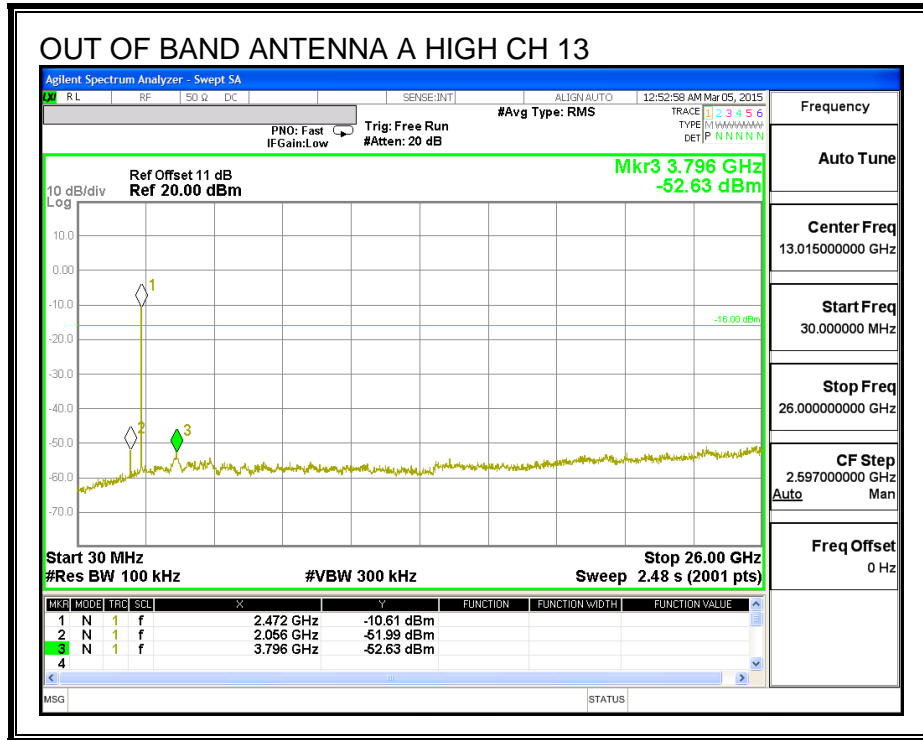


HIGH CHANNEL 13 BANDEGE









9. RADIATED TEST RESULTS

9.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

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

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane. 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.

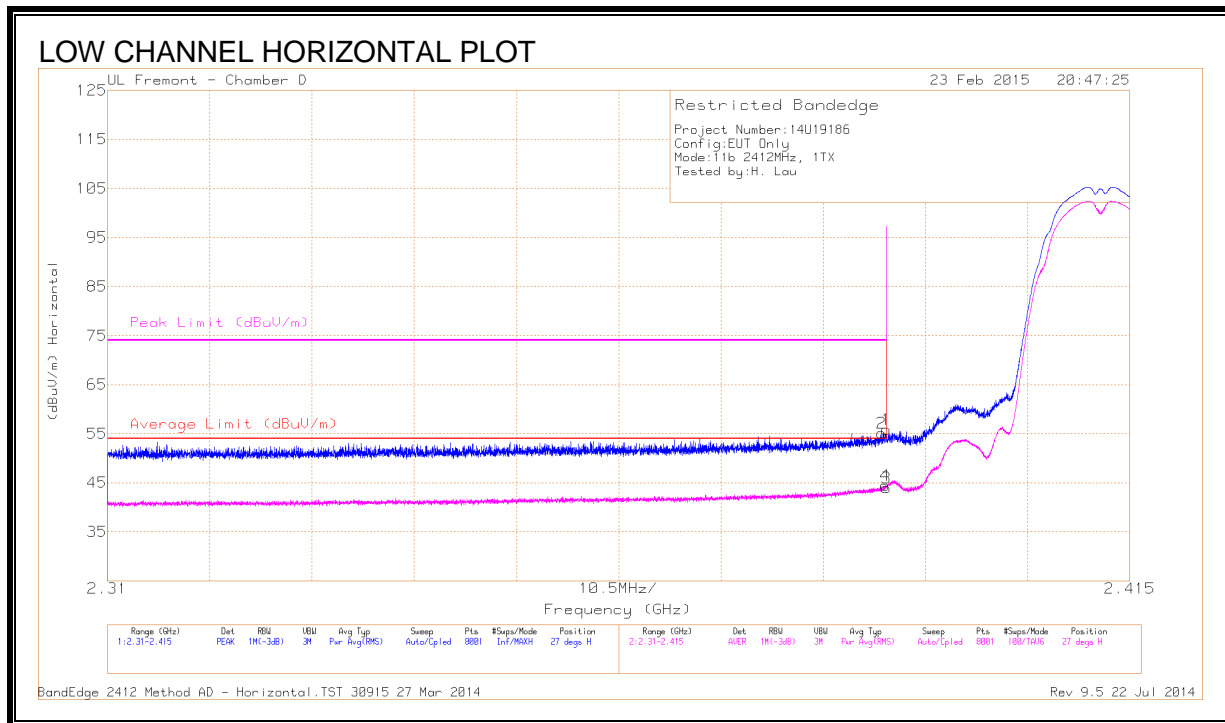
For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

For 2.4 GHz band, the spectrum from 30 MHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in the 2.4 GHz 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

9.2. 802.11b 1Tx SISO MODE IN THE 2.4 GHz BAND

9.2.1. RESTRICTED BANDEGE



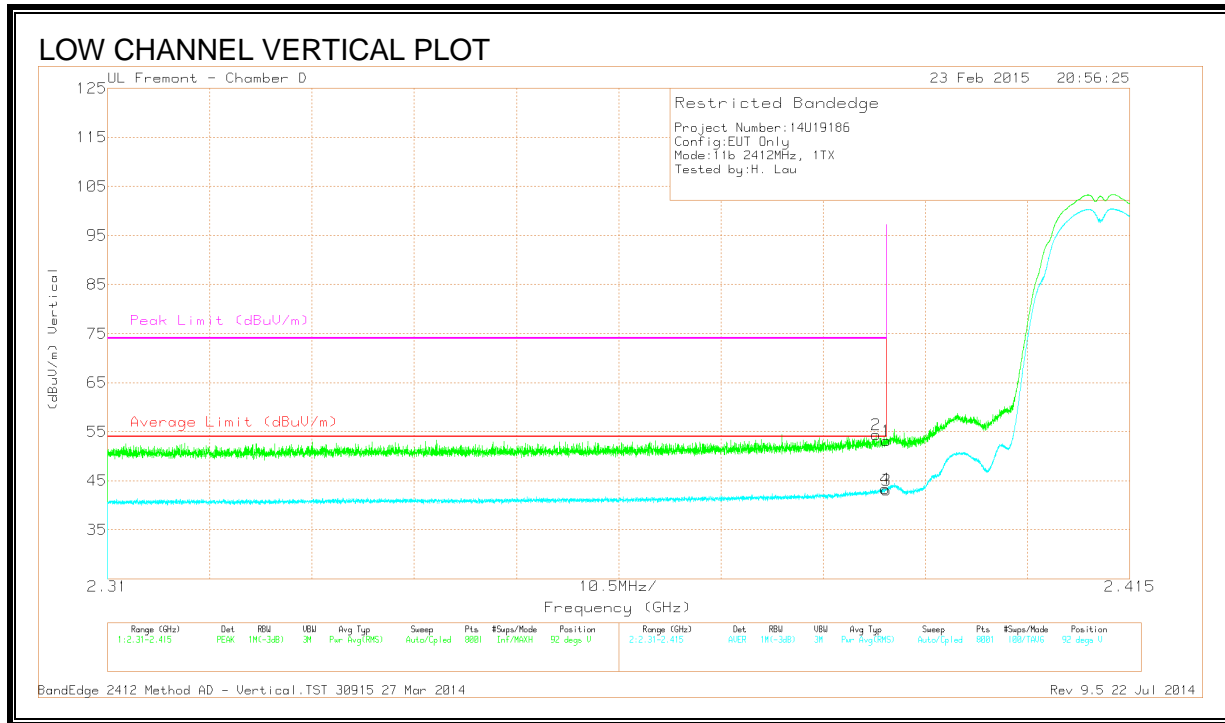
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (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	* 2.39	44.47	PK	32.1	-20.7	55.87	-	-	74	-18.13	27	109	H
2	* 2.39	43.73	PK	32.1	-20.7	55.13	-	-	74	-18.87	27	109	H
3	* 2.39	32.61	RMS	32.1	-20.7	44.01	54	-9.99	-	-	27	109	H
4	* 2.39	33.01	RMS	32.1	-20.7	44.41	54	-9.59	-	-	27	109	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



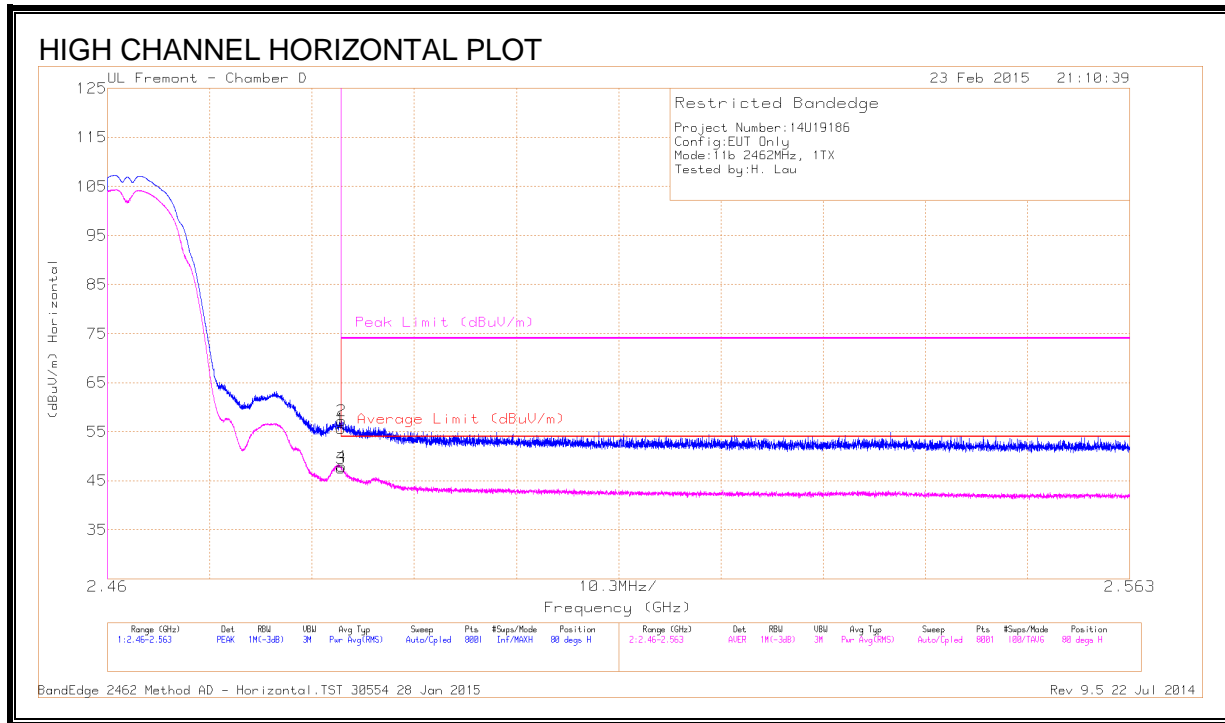
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.389	43.01	PK	32.1	-20.7	54.41	-	-	74	-19.59	92	181	V
1	* 2.39	41.73	PK	32.1	-20.7	53.13	-	-	74	-20.87	92	181	V
3	* 2.39	31.71	RMS	32.1	-20.7	43.11	54	-10.89	-	-	92	181	V
4	* 2.39	31.94	RMS	32.1	-20.7	43.34	54	-10.66	-	-	92	181	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



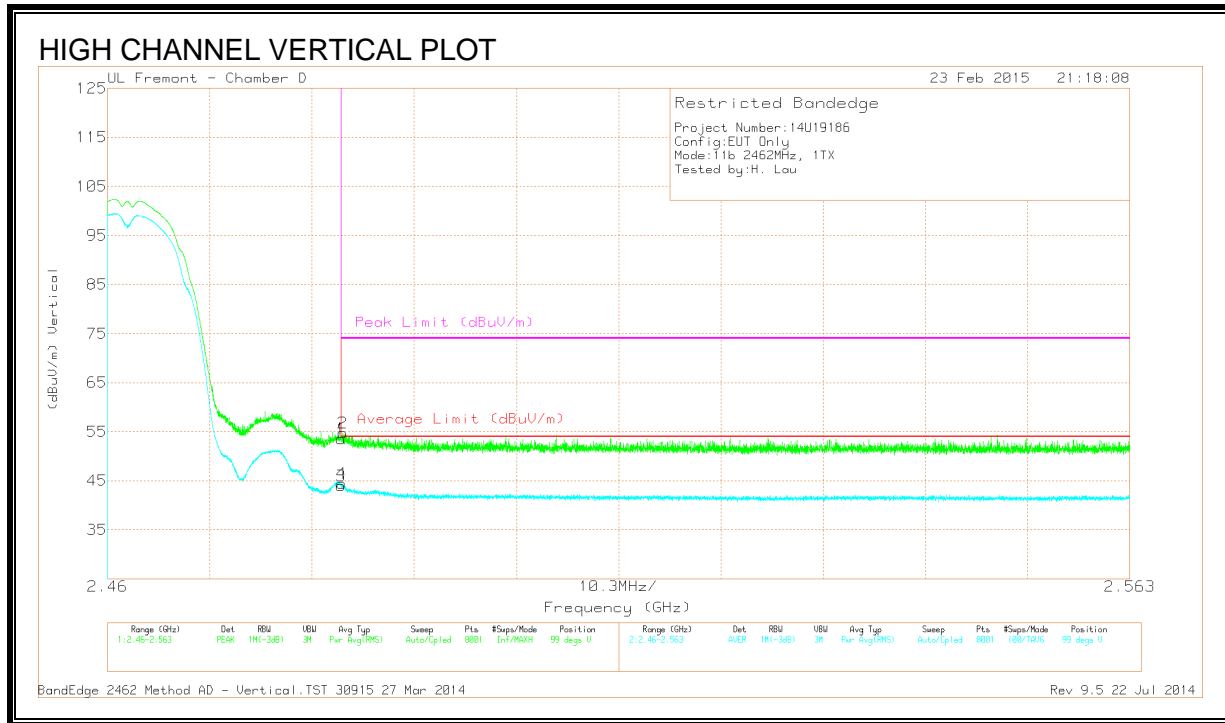
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (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	* 2.484	44.18	PK	32.2	-20.8	55.58	-	-	74	-18.42	80	143	H
2	* 2.484	45.79	PK	32.2	-20.8	57.19	-	-	74	-16.81	80	143	H
3	* 2.484	36.18	RMS	32.2	-20.8	47.58	54	-6.42	-	-	80	143	H
4	* 2.484	36.5	RMS	32.2	-20.8	47.9	54	-6.1	-	-	80	143	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



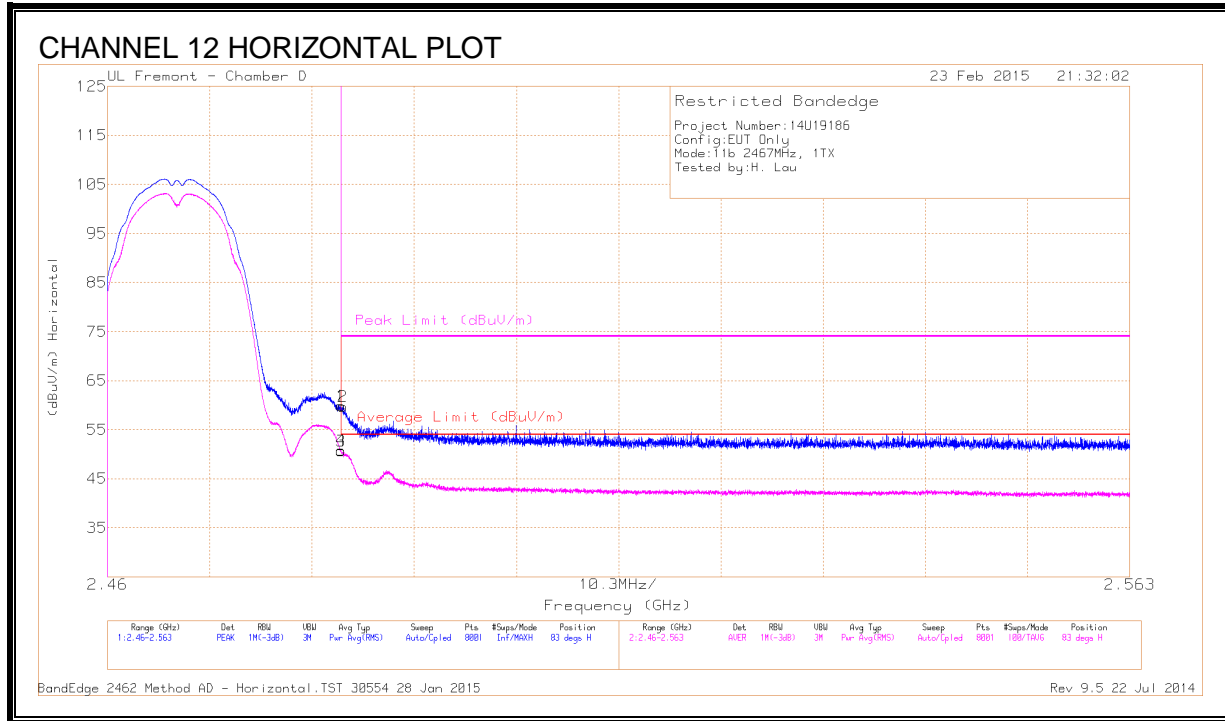
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.18	PK	32.2	-20.8	53.58	-	-	74	-20.42	99	104	V
2	* 2.484	43.37	PK	32.2	-20.8	54.77	-	-	74	-19.23	99	104	V
3	* 2.484	32.59	RMS	32.2	-20.8	43.99	54	-10.01	-	-	99	104	V
4	* 2.484	33.11	RMS	32.2	-20.8	44.51	54	-9.49	-	-	99	104	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



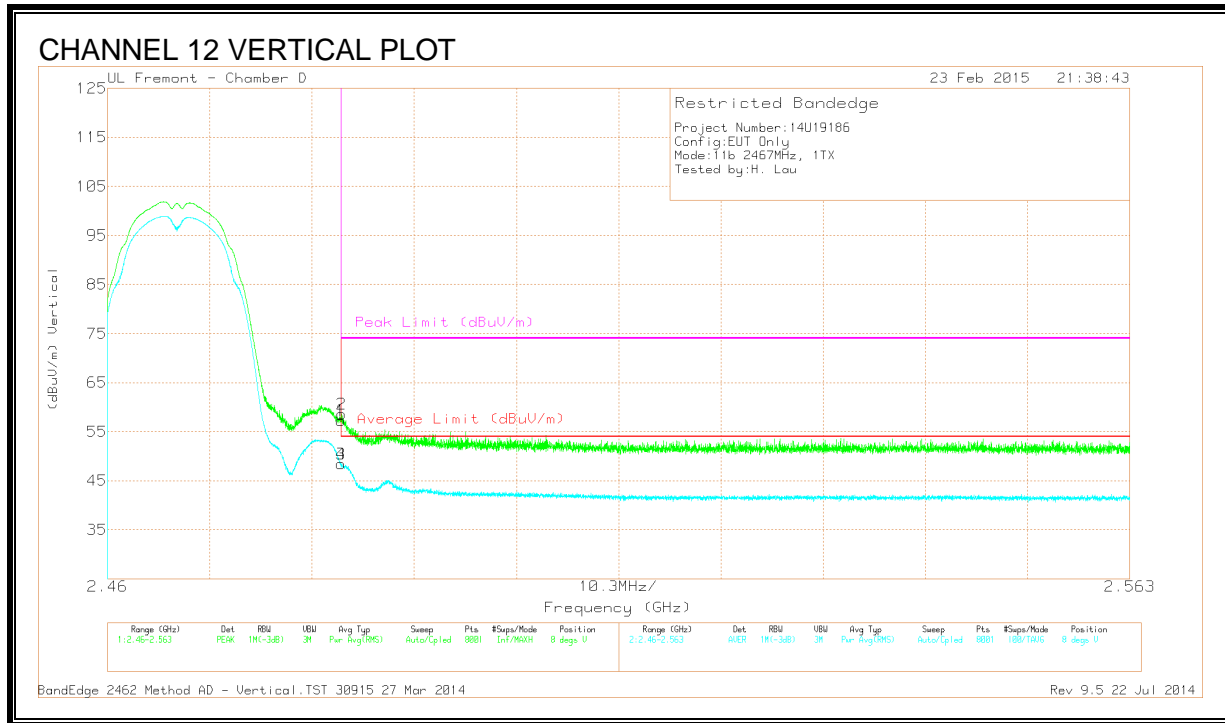
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.41	PK	32.2	-20.8	59.81	-	-	74	-14.19	83	143	H
2	* 2.484	48.29	PK	32.2	-20.8	59.69	-	-	74	-14.31	83	143	H
3	* 2.484	39.25	RMS	32.2	-20.8	50.65	54	-3.35	-	-	83	143	H
4	* 2.484	39.42	RMS	32.2	-20.8	50.82	54	-3.18	-	-	83	143	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



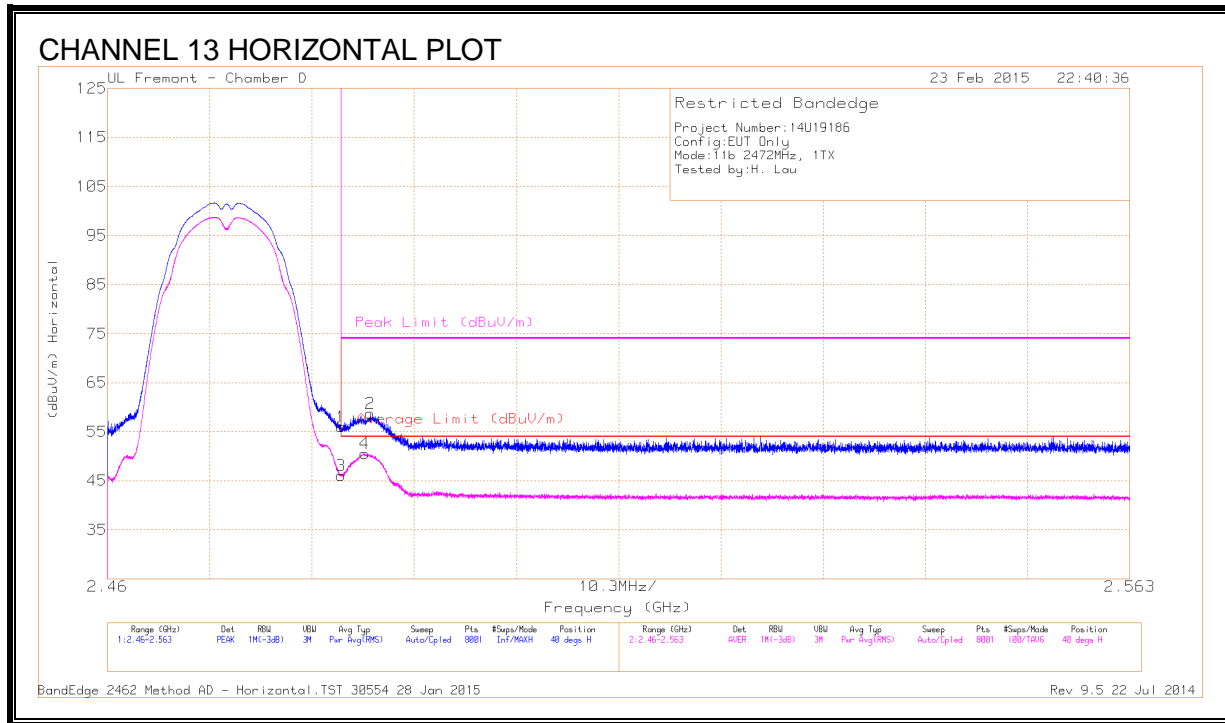
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.84	PK	32.2	-20.8	57.24	-	-	74	-16.76	8	281	V
2	* 2.484	47.23	PK	32.2	-20.8	58.63	-	-	74	-15.37	8	281	V
3	* 2.484	37.06	RMS	32.2	-20.8	48.46	54	-5.54	-	-	8	281	V
4	* 2.484	37.05	RMS	32.2	-20.8	48.45	54	-5.55	-	-	8	281	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



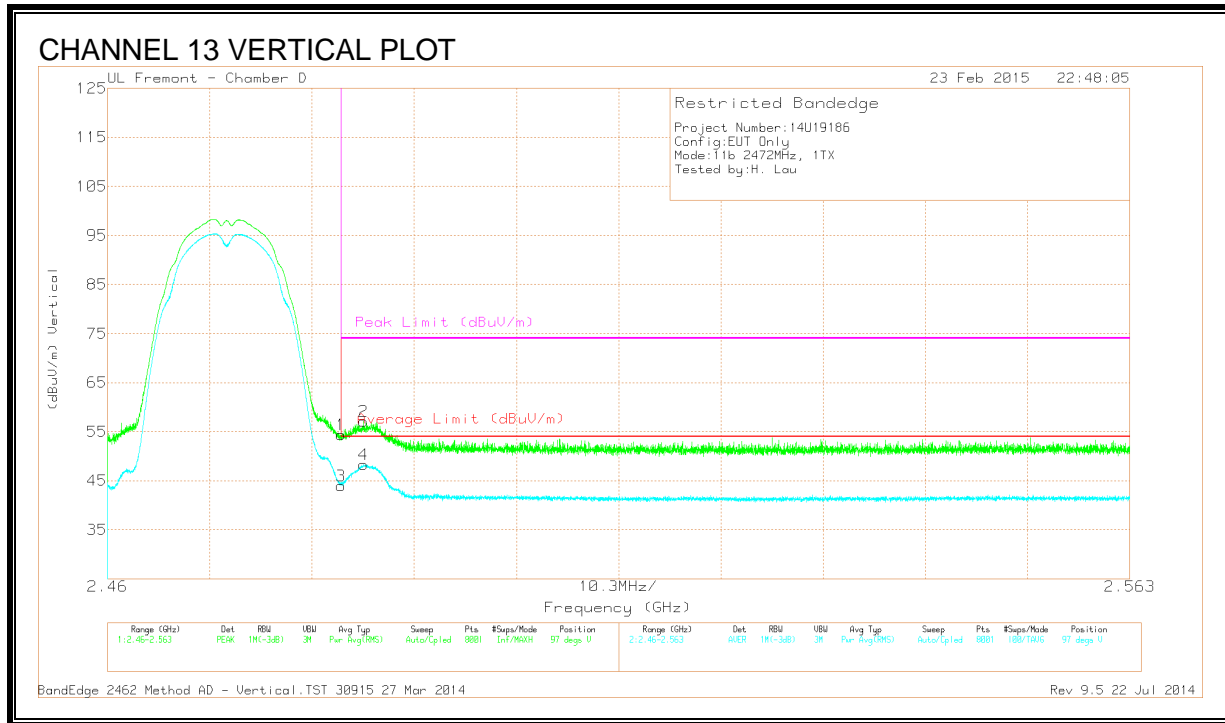
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.6	PK	32.2	-20.8	56	-	-	74	-18	40	141	H
3	* 2.484	34.62	RMS	32.2	-20.8	46.02	54	-7.98	-	-	40	141	H
2	* 2.486	47.38	PK	32.2	-20.8	58.78	-	-	74	-15.22	40	141	H
4	* 2.486	39.2	RMS	32.2	-20.8	50.6	54	-3.4	-	-	40	141	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



DATA

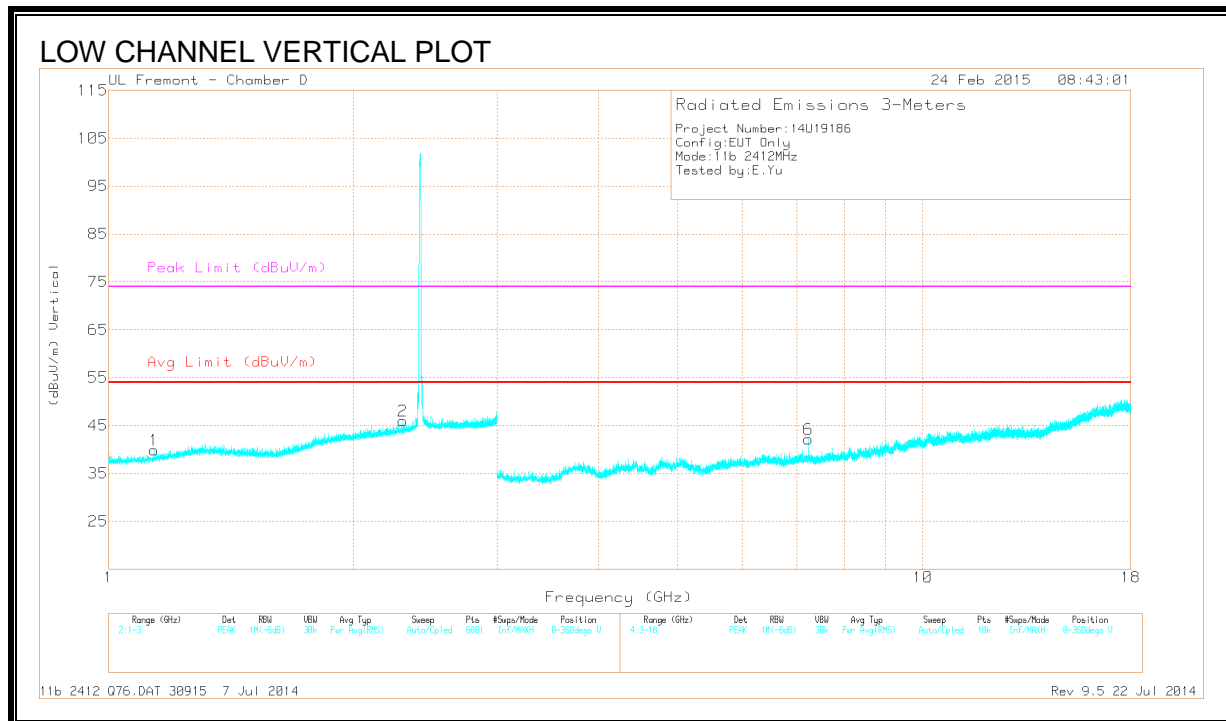
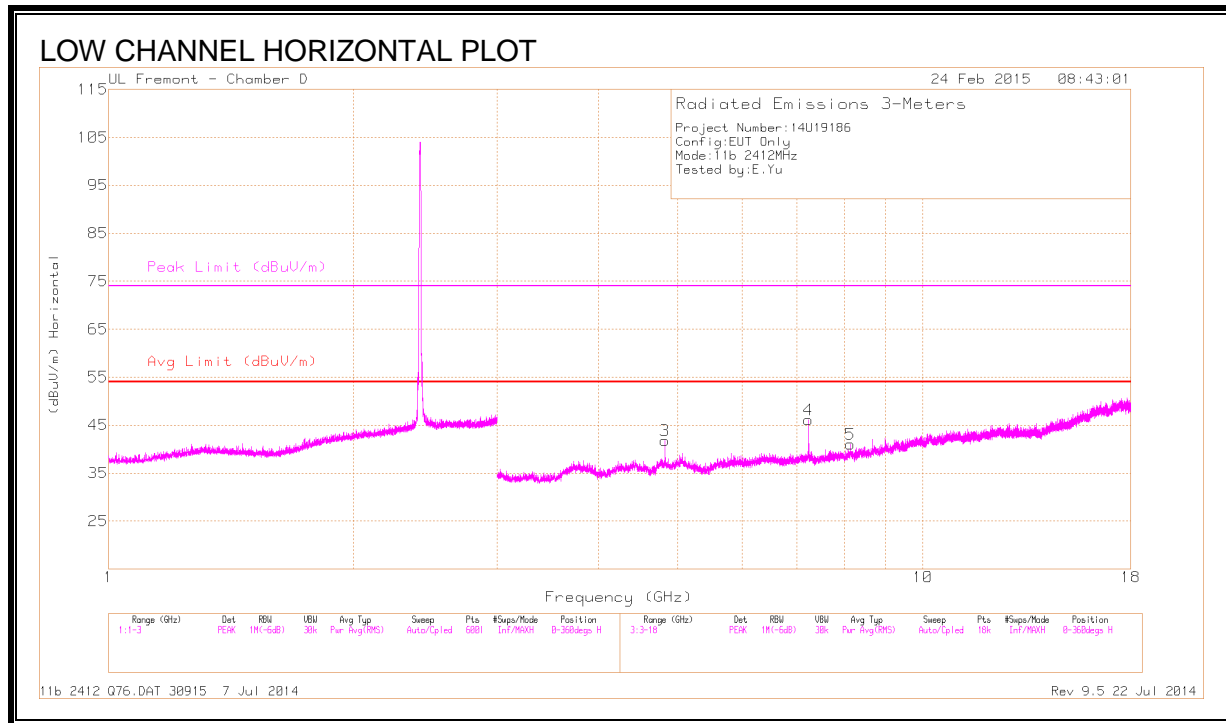
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.02	PK	32.2	-20.8	54.42	-	-	74	-19.58	97	142	V
3	* 2.484	32.56	RMS	32.2	-20.8	43.96	54	-10.04	-	-	97	142	V
2	* 2.486	45.77	PK	32.2	-20.8	57.17	-	-	74	-16.83	97	142	V
4	* 2.486	36.94	RMS	32.2	-20.8	48.34	54	-5.66	-	-	97	142	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection

9.2.2. HARMONICS AND SPURIOUS EMISSIONS



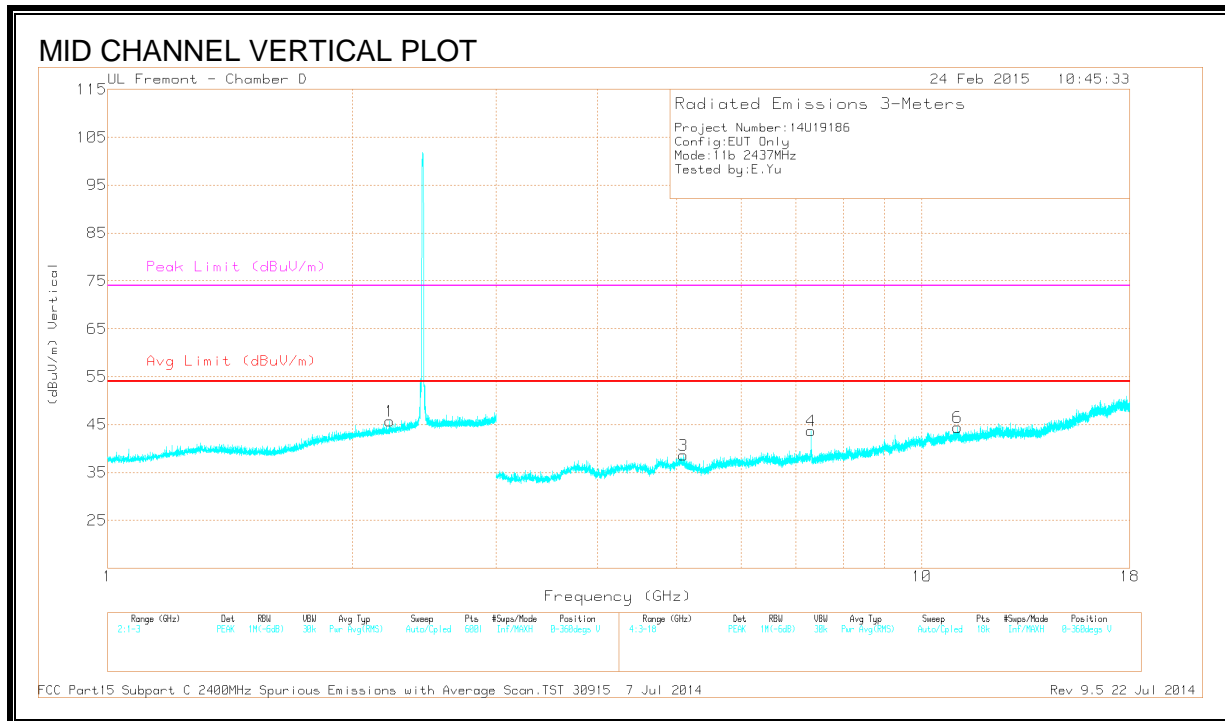
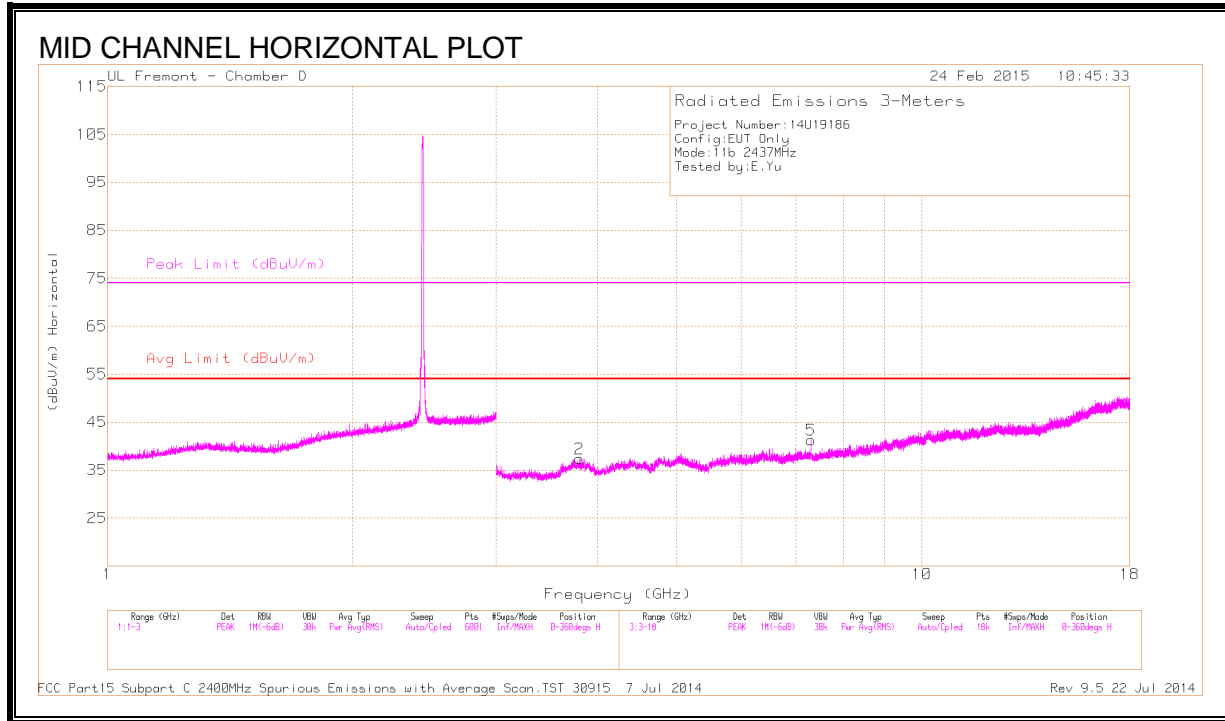
DATA

	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.135	41.67	PK2	27.5	-22.5	46.67	-	-	74	-27.33	187	204	V
	* 1.136	30.14	MAv1	27.5	-22.5	35.14	54	-18.86	-	-	187	204	V
2	* 2.299	41.83	PK2	32	-21	52.83	-	-	74	-21.17	295	152	V
	* 2.296	29.94	MAv1	32	-21	40.94	54	-13.06	-	-	295	152	V
3	* 4.824	41.21	PK2	34.1	-27.4	47.91	-	-	74	-26.09	86	146	H
	* 4.824	33.66	MAv1	34.1	-27.4	40.36	54	-13.64	-	-	86	146	H
5	* 8.149	35.01	PK2	35.6	-22.9	47.71	-	-	74	-26.29	240	205	H
	* 8.146	23.73	MAv1	35.6	-23	36.33	54	-17.67	-	-	240	205	H
6	* 7.25	36.03	PK2	35.5	-24.9	46.63	-	-	74	-27.37	91	139	V
	* 7.254	24.83	MAv1	35.5	-25	35.33	54	-18.67	-	-	91	139	V
4	7.235	39.53	PK2	35.5	-24.9	50.13	-	-	-	-	28	292	H
	7.237	31.22	MAv1	35.5	-24.9	41.82	-	-	-	-	28	292	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average



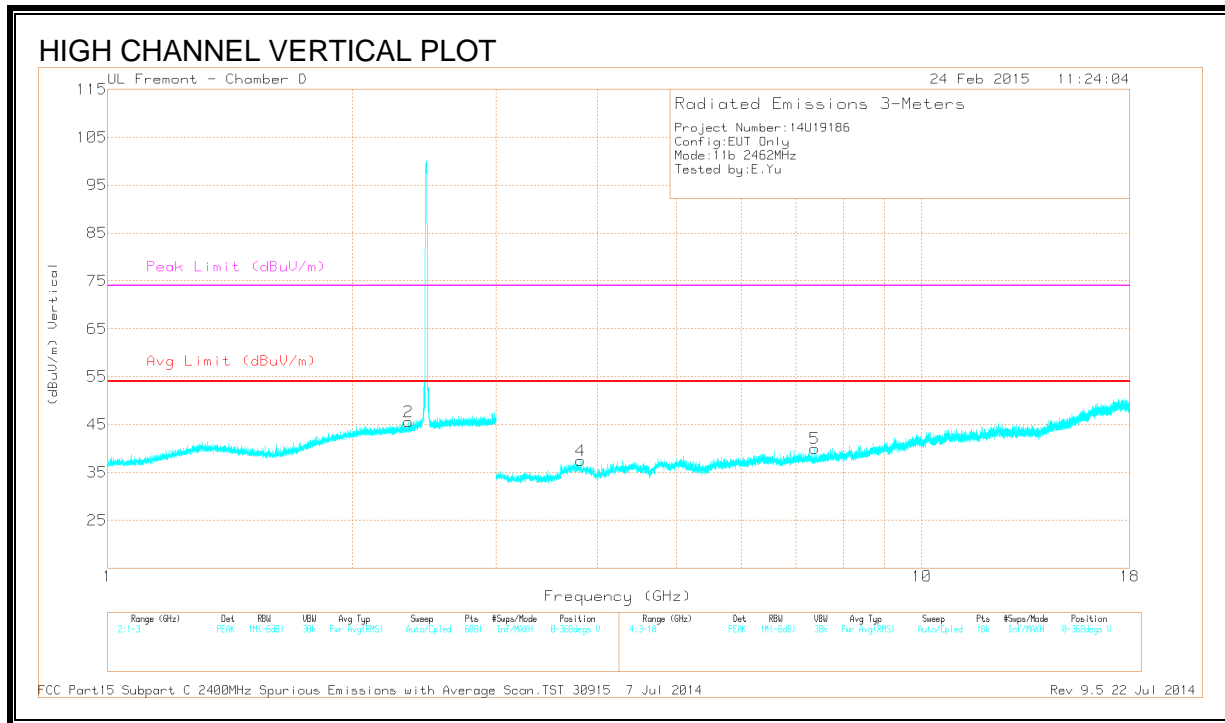
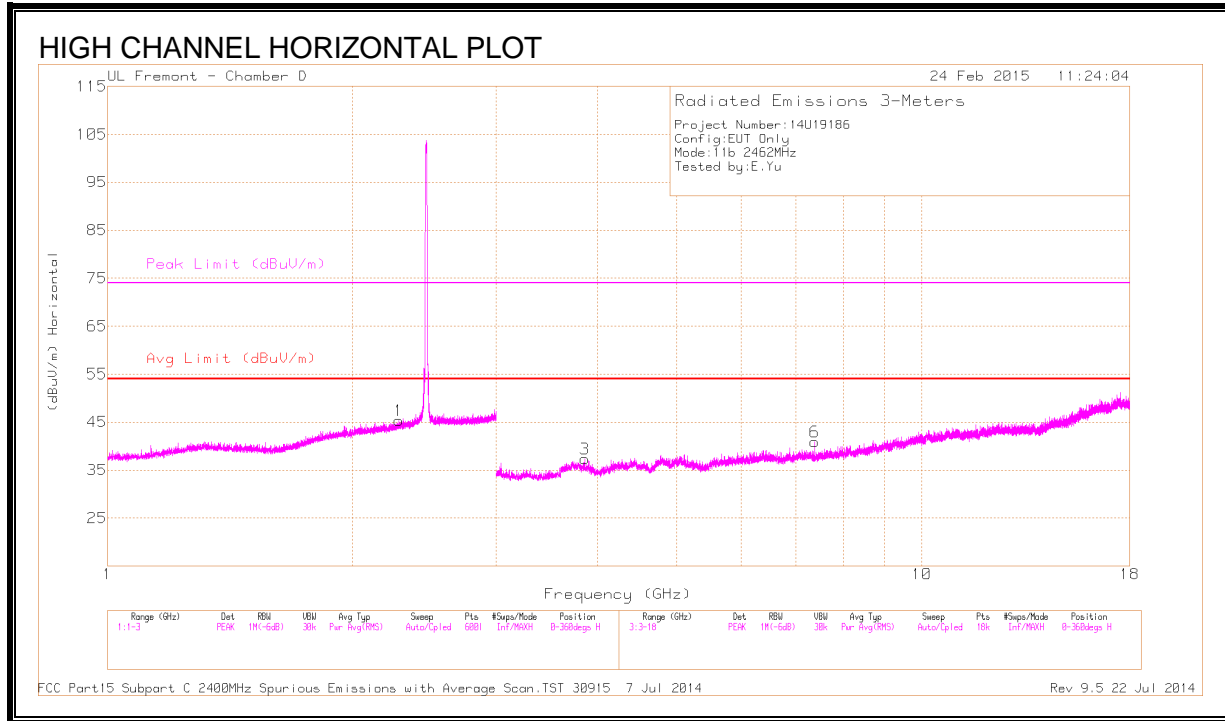
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	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.222	41.78	PK2	31.7	-21	52.48	-	-	74	-21.52	360	206	V
	* 2.223	30.18	MAv1	31.7	-21	40.88	54	-13.12	-	-	360	206	V
2	* 3.794	39.17	PK2	33.3	-28.3	44.17	-	-	74	-29.83	360	202	H
	* 3.795	27.78	MAv1	33.3	-28.3	32.78	54	-21.22	-	-	360	202	H
5	* 7.31	40.62	PK2	35.5	-24.8	51.32	-	-	74	-22.68	222	240	H
	* 7.31	32.73	MAv1	35.5	-24.8	43.43	54	-10.57	-	-	222	240	H
3	* 5.097	37.77	PK2	34.2	-27.1	44.87	-	-	74	-29.13	222	100	V
	* 5.098	27.24	MAv1	34.2	-27.2	34.24	54	-19.76	-	-	222	100	V
4	* 7.309	39.5	PK2	35.5	-24.8	50.2	-	-	74	-23.8	260	204	V
	* 7.31	30.39	MAv1	35.5	-24.8	41.09	54	-12.91	-	-	260	204	V
6	* 11.054	34.06	PK2	38	-20.8	51.26	-	-	74	-22.74	260	100	V
	* 11.056	23.24	MAv1	38	-20.8	40.44	54	-13.56	-	-	260	100	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average



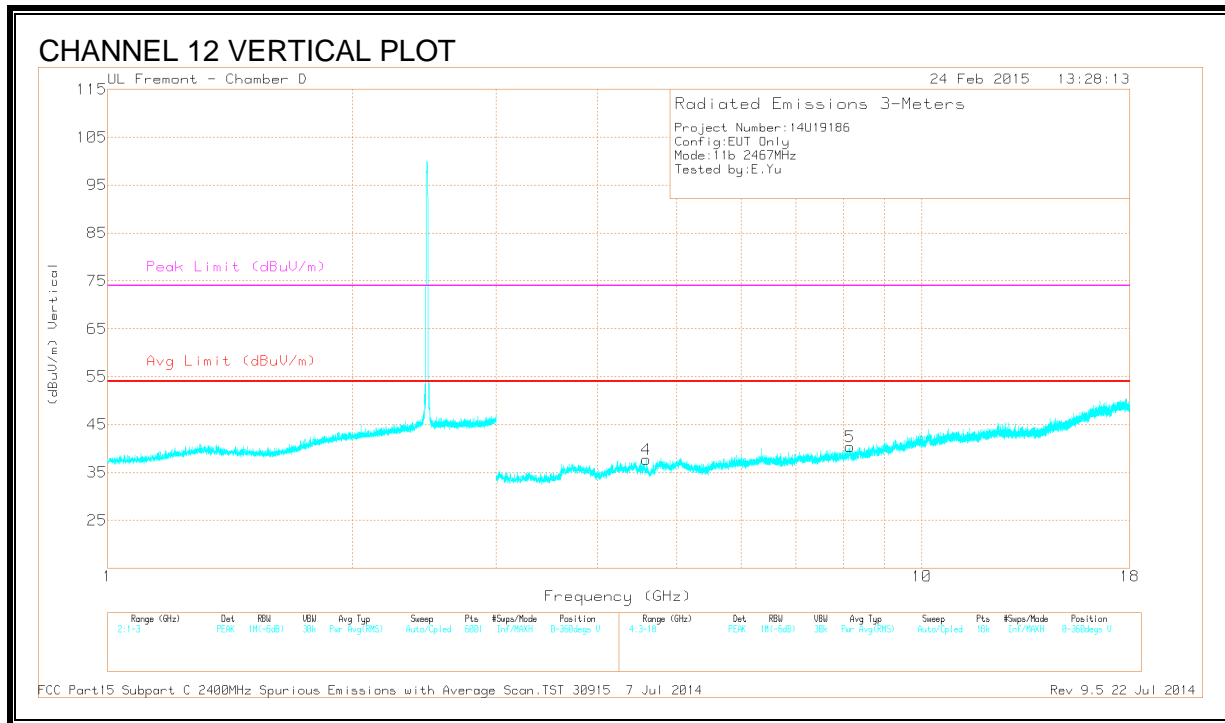
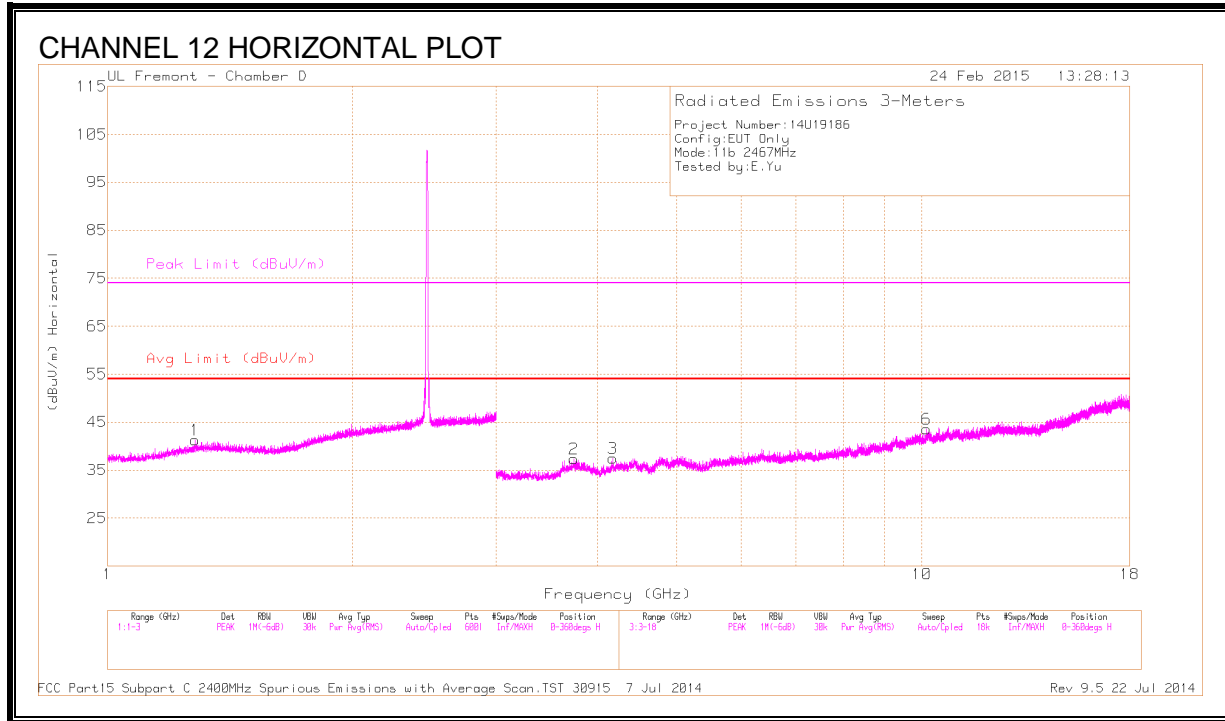
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	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.278	41.46	PK2	31.9	-20.9	52.46	-	-	74	-21.54	360	100	H
	* 2.279	30.22	MAv1	31.9	-20.9	41.22	54	-12.78	-	-	360	100	H
2	* 2.341	41.37	PK2	32	-20.9	52.47	-	-	74	-21.53	360	204	V
	* 2.34	30.18	MAv1	32	-20.9	41.28	54	-12.72	-	-	360	204	V
3	* 3.853	38.8	PK2	33.4	-28.7	43.5	-	-	74	-30.5	360	100	H
	* 3.854	27.94	MAv1	33.4	-28.7	32.64	54	-21.36	-	-	360	100	H
6	* 7.385	37.89	PK2	35.5	-25.4	47.99	-	-	74	-26.01	168	265	H
	* 7.385	28.03	MAv1	35.5	-25.4	38.13	54	-15.87	-	-	168	265	H
4	* 3.81	38.24	PK2	33.4	-28.5	43.14	-	-	74	-30.86	168	100	V
	* 3.808	27.62	MAv1	33.4	-28.5	32.52	54	-21.48	-	-	168	100	V
5	* 7.384	36.79	PK2	35.5	-25.4	46.89	-	-	74	-27.11	317	203	V
	* 7.385	25.14	MAv1	35.5	-25.4	35.24	54	-18.76	-	-	317	203	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average



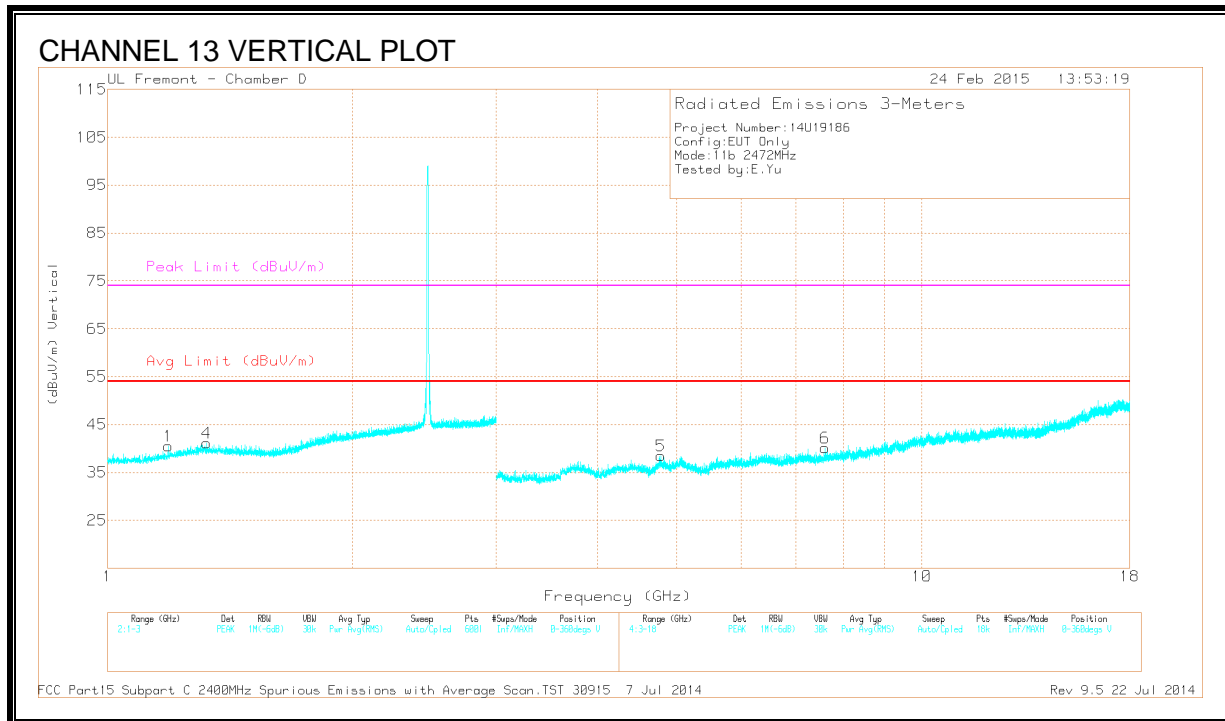
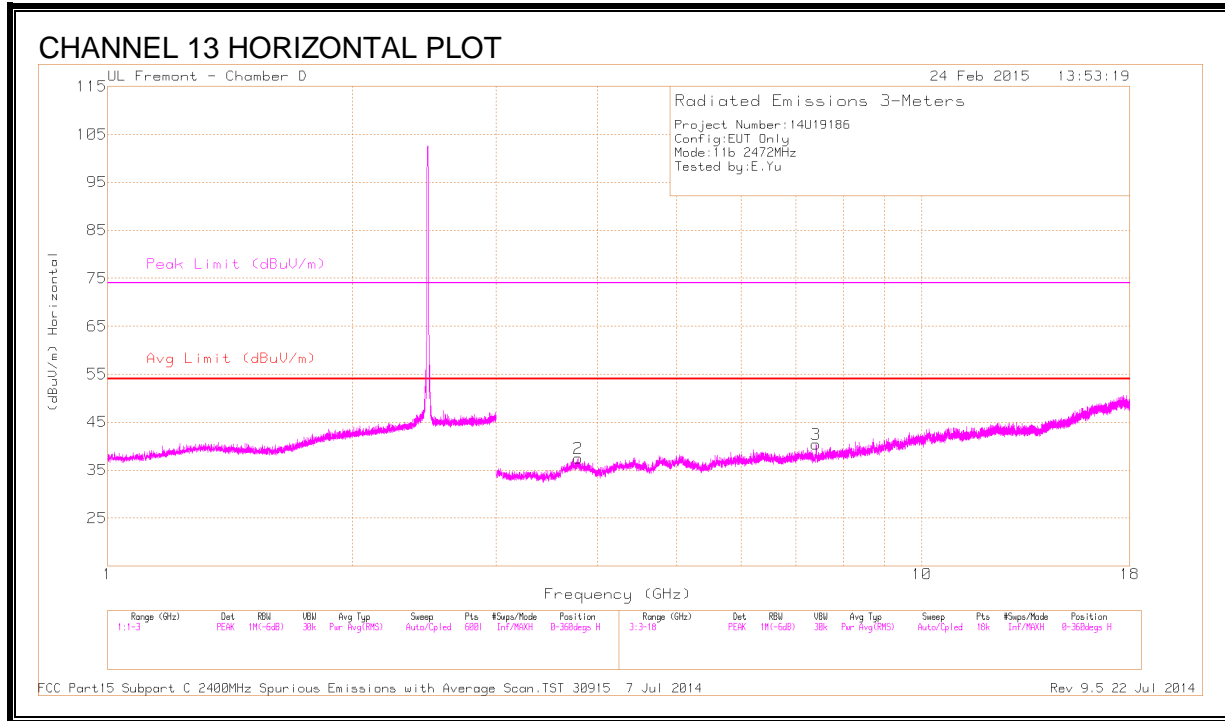
DATA

	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.279	41.51	PK2	28.8	-22.3	48.01	-	-	74	-25.99	360	100	H
	* 1.279	30.35	MAv1	28.8	-22.3	36.85	54	-17.15	-	-	360	100	H
2	* 3.741	38.07	PK2	33.3	-28.6	42.77	-	-	74	-31.23	360	205	H
	* 3.738	27.46	MAv1	33.3	-28.6	32.16	54	-21.84	-	-	360	205	H
3	* 4.171	38.43	PK2	33.4	-28	43.83	-	-	74	-30.17	360	205	H
	* 4.173	27.09	MAv1	33.4	-28	32.49	54	-21.51	-	-	360	205	H
4	* 4.588	38.83	PK2	34.1	-28.2	44.73	-	-	74	-29.27	360	204	V
	* 4.588	27.36	MAv1	34.1	-28.2	33.26	54	-20.74	-	-	360	204	V
5	* 8.156	35.44	PK2	35.6	-23.1	47.94	-	-	74	-26.06	360	204	V
	* 8.157	24.14	MAv1	35.6	-23.1	36.64	54	-17.36	-	-	360	204	V
6	10.128	22.84	MAv1	37.1	-20.5	39.44	-	-	-	-	360	100	H
	10.129	34.54	PK2	37.1	-20.5	51.14	-	-	-	-	360	100	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average



DATA

	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.187	41.47	PK2	28	-22.4	47.07	-	-	74	-26.93	360	205	V
	* 1.188	30.05	MAv1	28	-22.4	35.65	54	-18.35	-	-	360	205	V
4	* 1.324	42.2	PK2	28.9	-22.2	48.9	-	-	74	-25.1	360	100	V
	* 1.325	30.43	MAv1	28.9	-22.2	37.13	54	-16.87	-	-	360	100	V
2	* 3.785	38.72	PK2	33.3	-28.2	43.82	-	-	74	-30.18	360	100	H
	* 3.784	27.43	MAv1	33.3	-28.2	32.53	54	-21.47	-	-	360	100	H
3	* 7.416	38.39	PK2	35.5	-24.8	49.09	-	-	74	-24.91	360	100	H
	* 7.415	27.04	MAv1	35.5	-24.9	37.64	54	-16.36	-	-	360	100	H
5	* 4.778	37.69	PK2	34.1	-26.6	45.19	-	-	74	-28.81	360	100	V
	* 4.777	26.36	MAv1	34.1	-26.6	33.86	54	-20.14	-	-	360	100	V
6	* 7.609	36.95	PK2	35.6	-25.2	47.35	-	-	74	-26.65	360	204	V
	* 7.61	25.26	MAv1	35.6	-25.2	35.66	54	-18.34	-	-	360	204	V

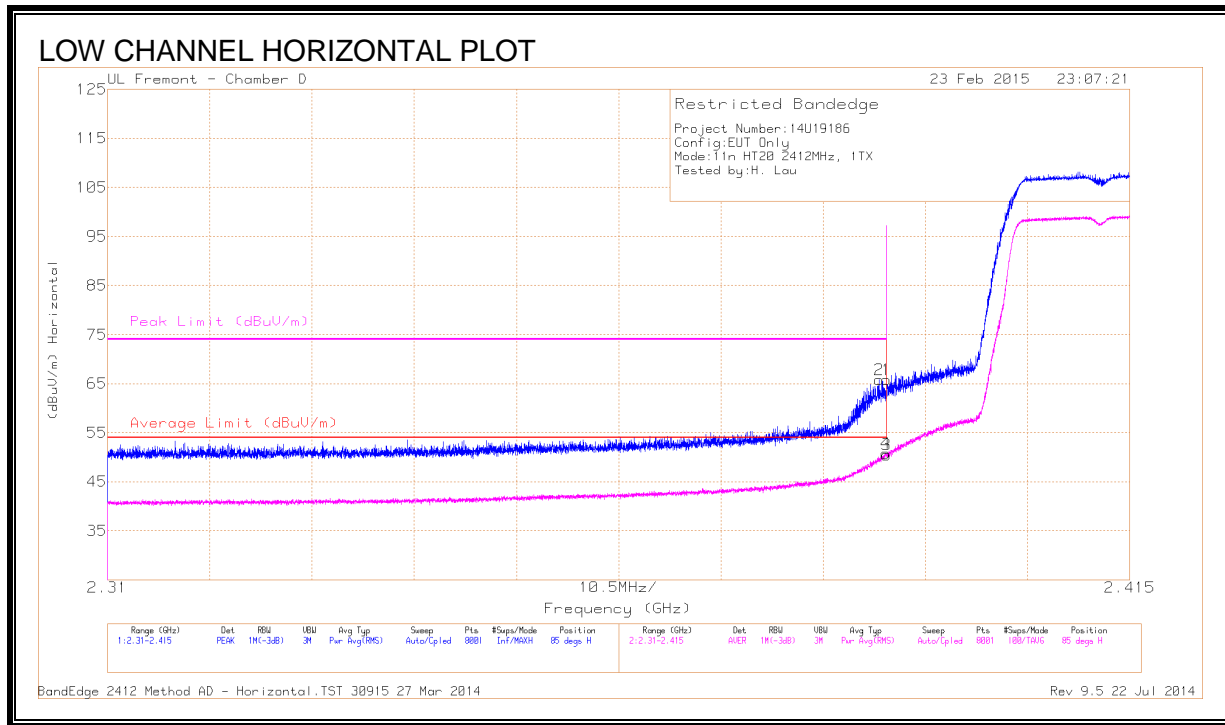
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.3. 802.11n HT20 1Tx SISO MODE IN THE 2.4 GHz BAND

9.3.1. RESTRICTED BANDEGE



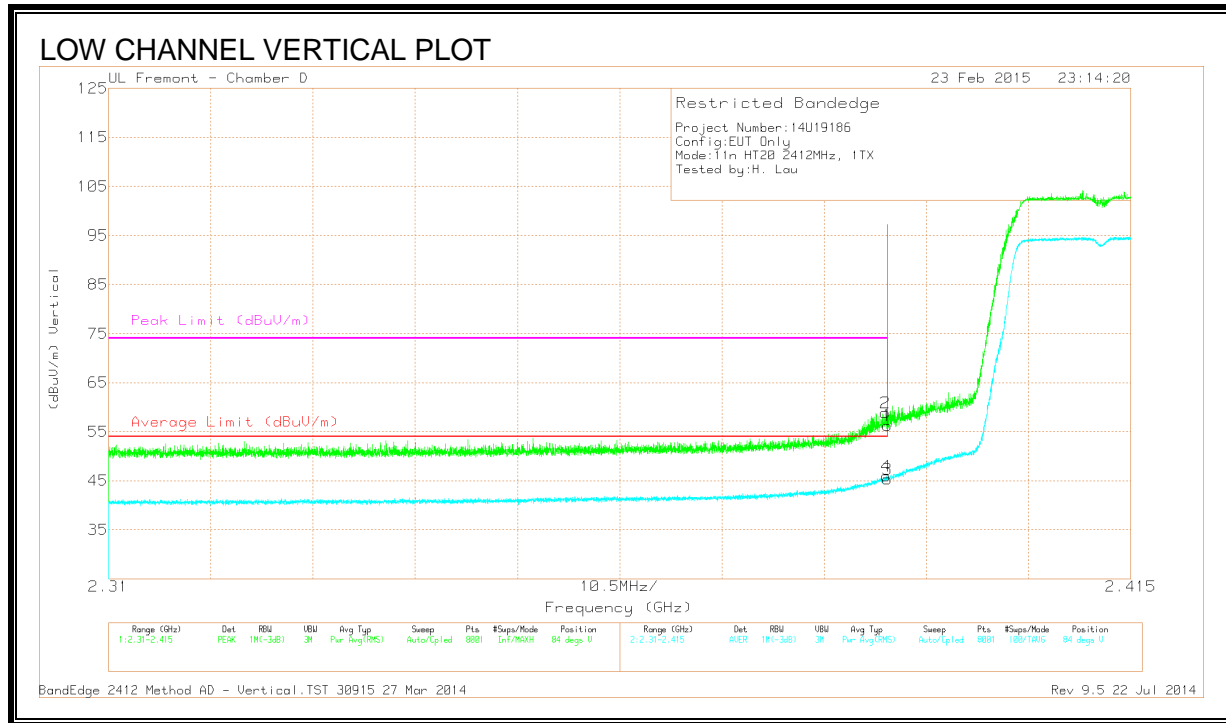
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (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
2	* 2.389	54.43	PK	32.1	-20.7	65.83	-	-	74	-8.17	85	109	H
1	* 2.39	54.46	PK	32.1	-20.7	65.86	-	-	74	-8.14	85	109	H
3	* 2.39	39.08	RMS	32.1	-20.7	50.48	54	-3.52	-	-	85	109	H
4	* 2.39	39.43	RMS	32.1	-20.7	50.83	54	-3.17	-	-	85	109	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



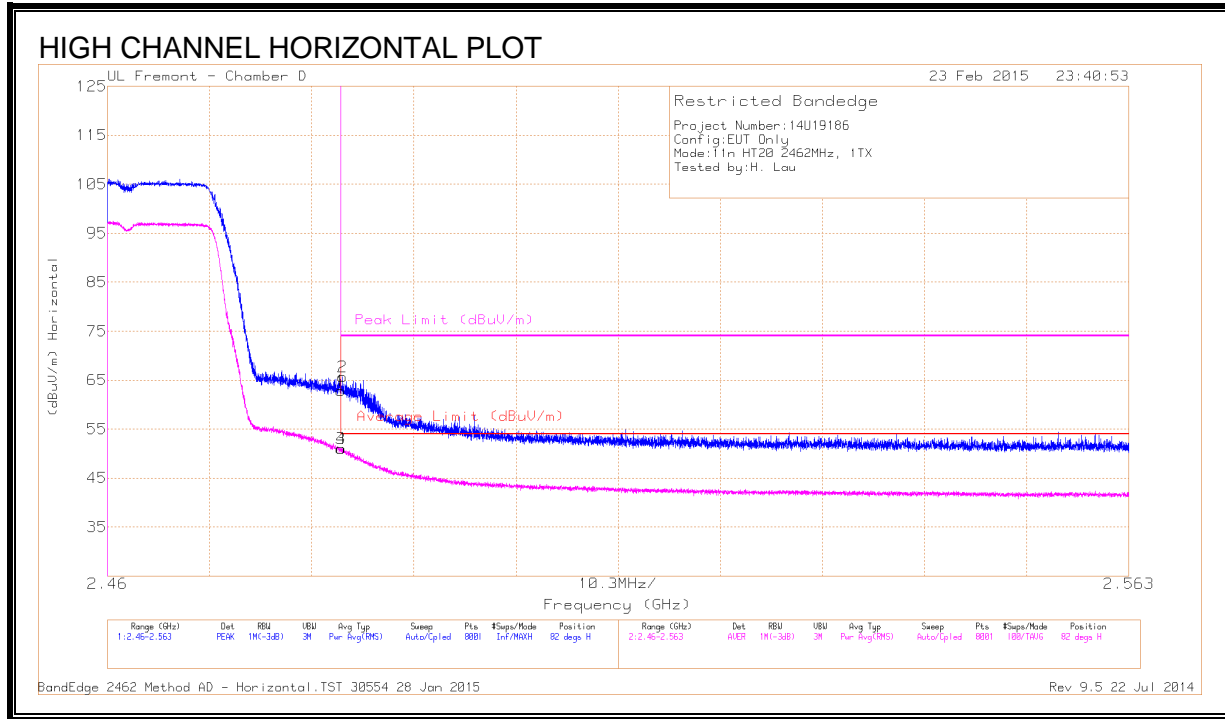
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.91	PK	32.1	-20.7	56.31	-	-	74	-17.69	84	145	V
2	* 2.39	47.46	PK	32.1	-20.7	58.86	-	-	74	-15.14	84	145	V
3	* 2.39	33.93	RMS	32.1	-20.7	45.33	54	-8.67	-	-	84	145	V
4	* 2.39	34.57	RMS	32.1	-20.7	45.97	54	-8.03	-	-	84	145	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



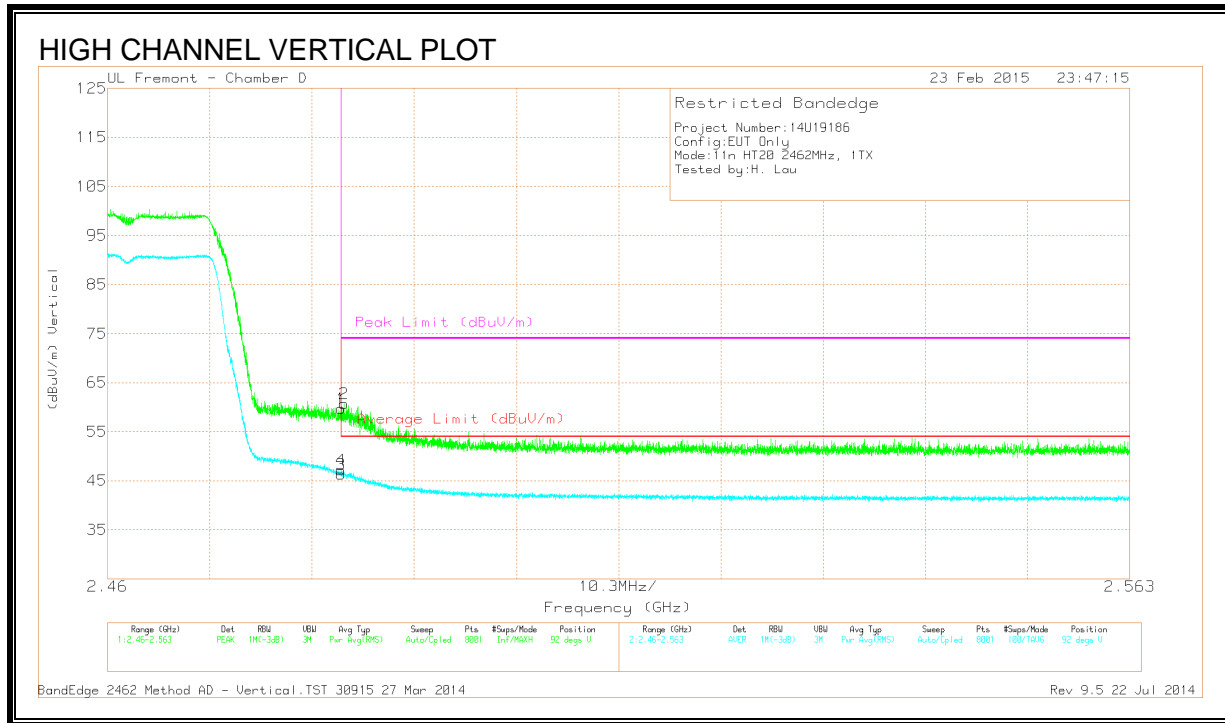
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.47	PK	32.2	-20.8	62.87	-	-	74	-11.13	82	144	H
2	* 2.484	54.29	PK	32.2	-20.8	65.69	-	-	74	-8.31	82	144	H
3	* 2.484	39.66	RMS	32.2	-20.8	51.06	54	-2.94	-	-	82	144	H
4	* 2.484	39.69	RMS	32.2	-20.8	51.09	54	-2.91	-	-	82	144	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



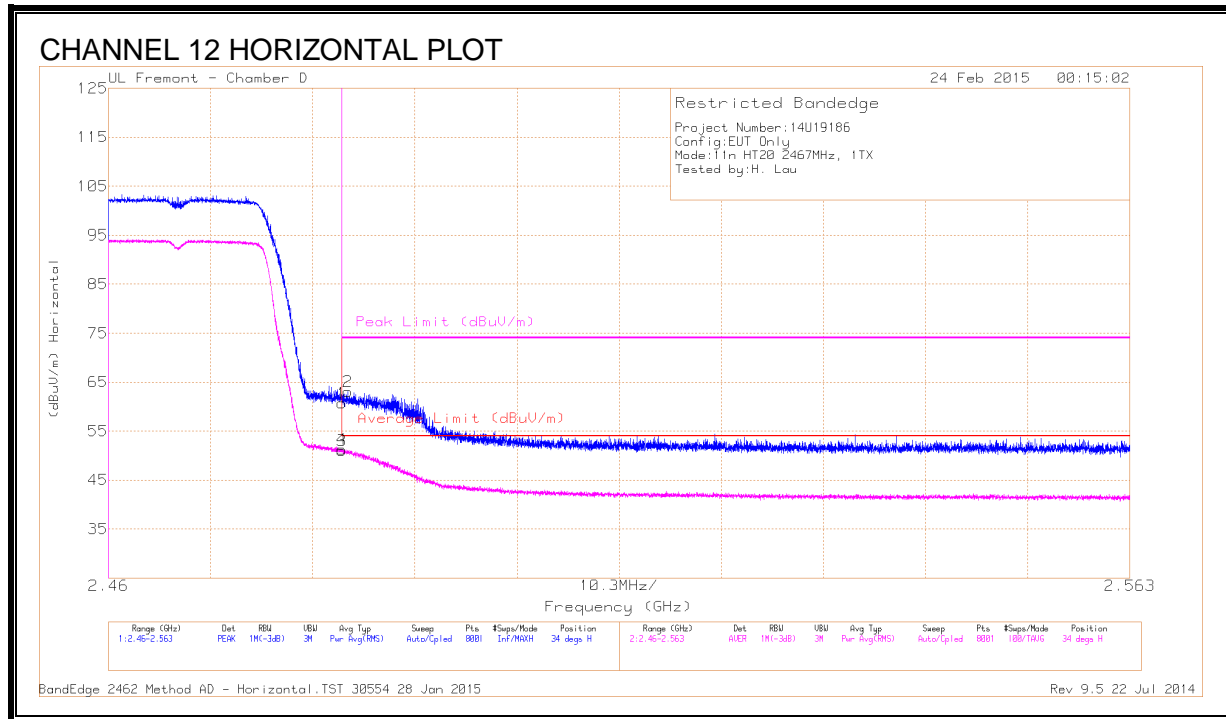
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.38	PK	32.2	-20.8	59.78	-	-	74	-14.22	92	291	V
2	* 2.484	49.28	PK	32.2	-20.8	60.68	-	-	74	-13.32	92	291	V
3	* 2.484	34.92	RMS	32.2	-20.8	46.32	54	-7.68	-	-	92	291	V
4	* 2.484	35.83	RMS	32.2	-20.8	47.23	54	-6.77	-	-	92	291	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



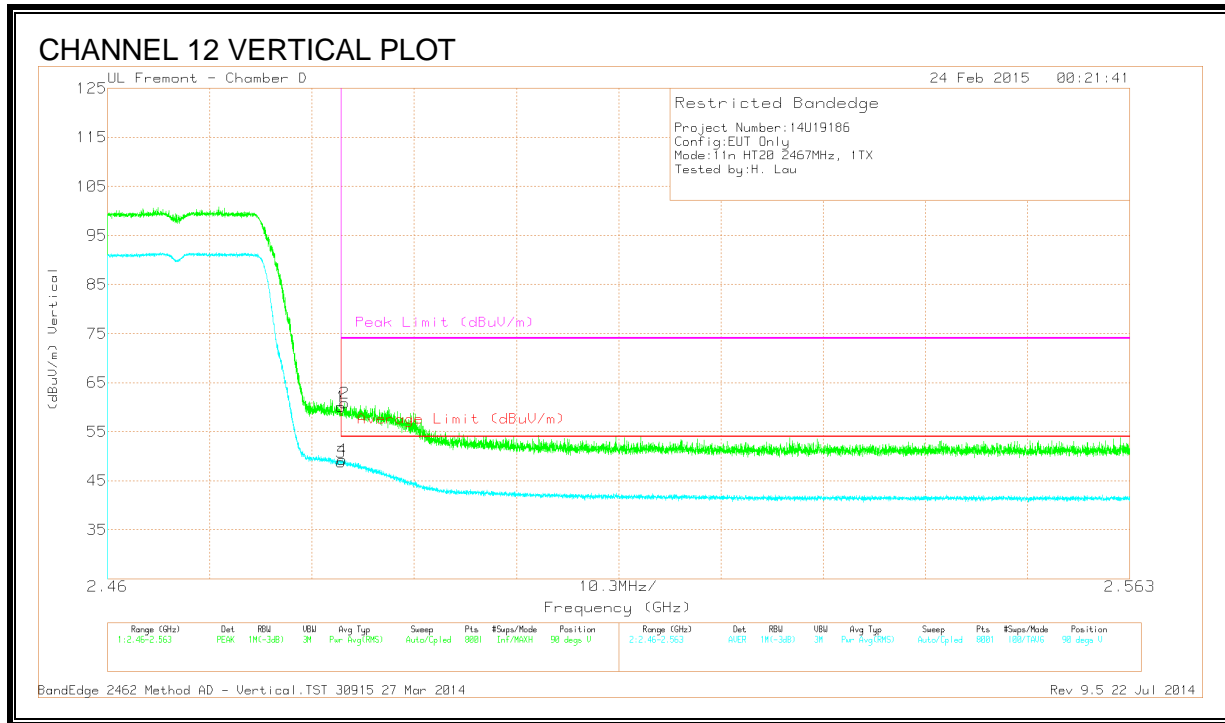
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	49.36	PK	32.2	-20.8	60.76	-	-	74	-13.24	34	140	H
2	* 2.484	51.63	PK	32.2	-20.8	63.03	-	-	74	-10.97	34	140	H
3	* 2.484	39.59	RMS	32.2	-20.8	50.99	54	-3.01	-	-	34	140	H
4	* 2.484	39.84	RMS	32.2	-20.8	51.24	54	-2.76	-	-	34	140	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



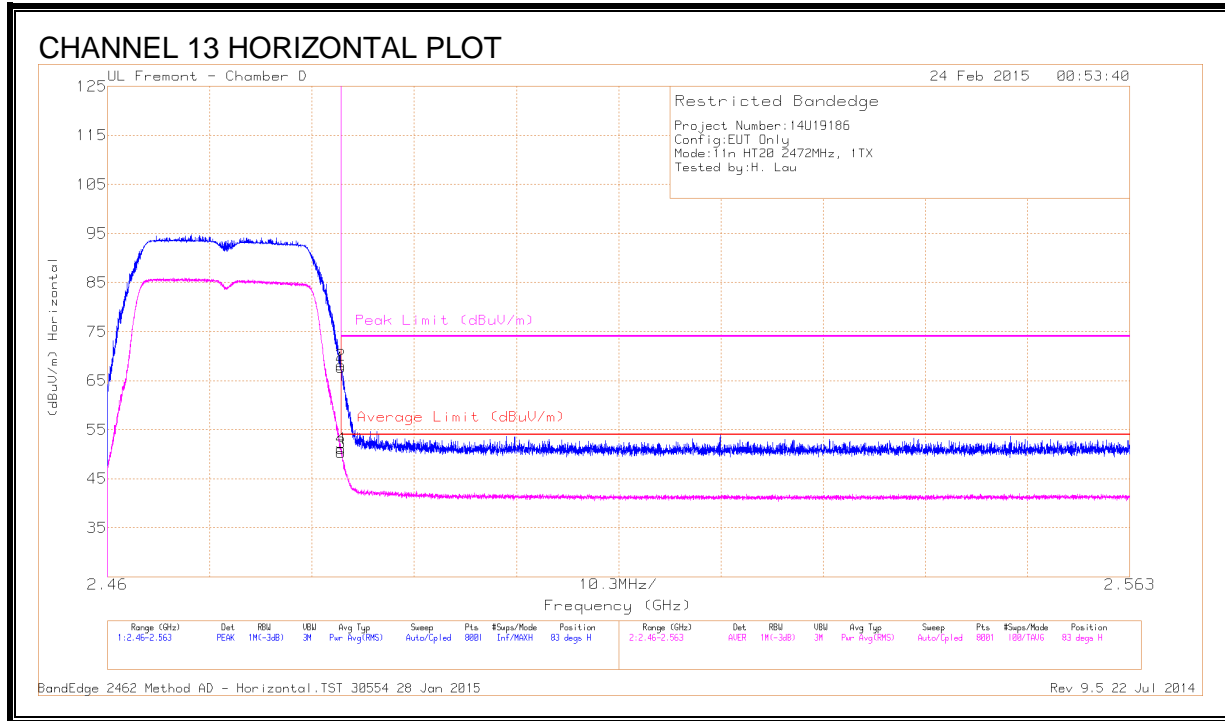
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.69	PK	32.2	-20.8	60.09	-	-	74	-13.91	90	101	V
2	* 2.484	49.45	PK	32.2	-20.8	60.85	-	-	74	-13.15	90	101	V
3	* 2.484	37.36	RMS	32.2	-20.8	48.76	54	-5.24	-	-	90	101	V
4	* 2.484	37.85	RMS	32.2	-20.8	49.25	54	-4.75	-	-	90	101	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



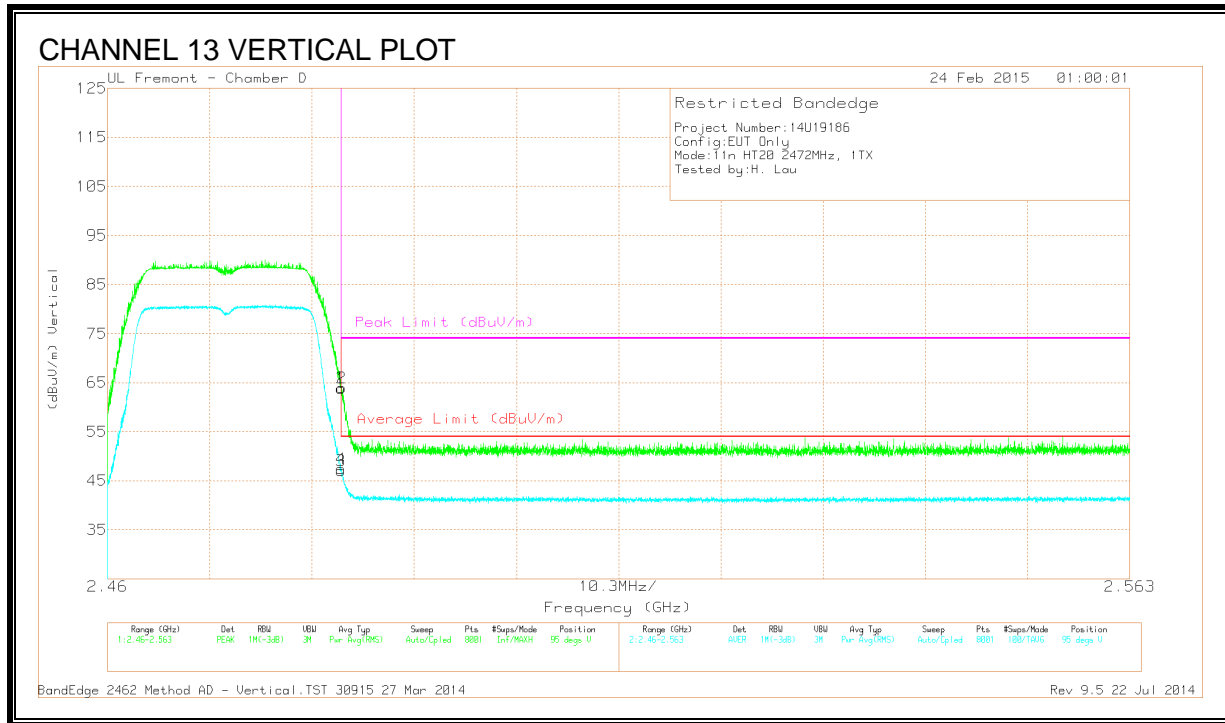
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	56.29	PK	32.2	-20.8	67.69	-	-	74	-6.31	83	141	H
2	* 2.484	56.73	PK	32.2	-20.8	68.13	-	-	74	-5.87	83	141	H
3	* 2.484	38.84	RMS	32.2	-20.8	50.24	54	-3.76	-	-	83	141	H
4	* 2.484	39.71	RMS	32.2	-20.8	51.11	54	-2.89	-	-	83	141	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



DATA

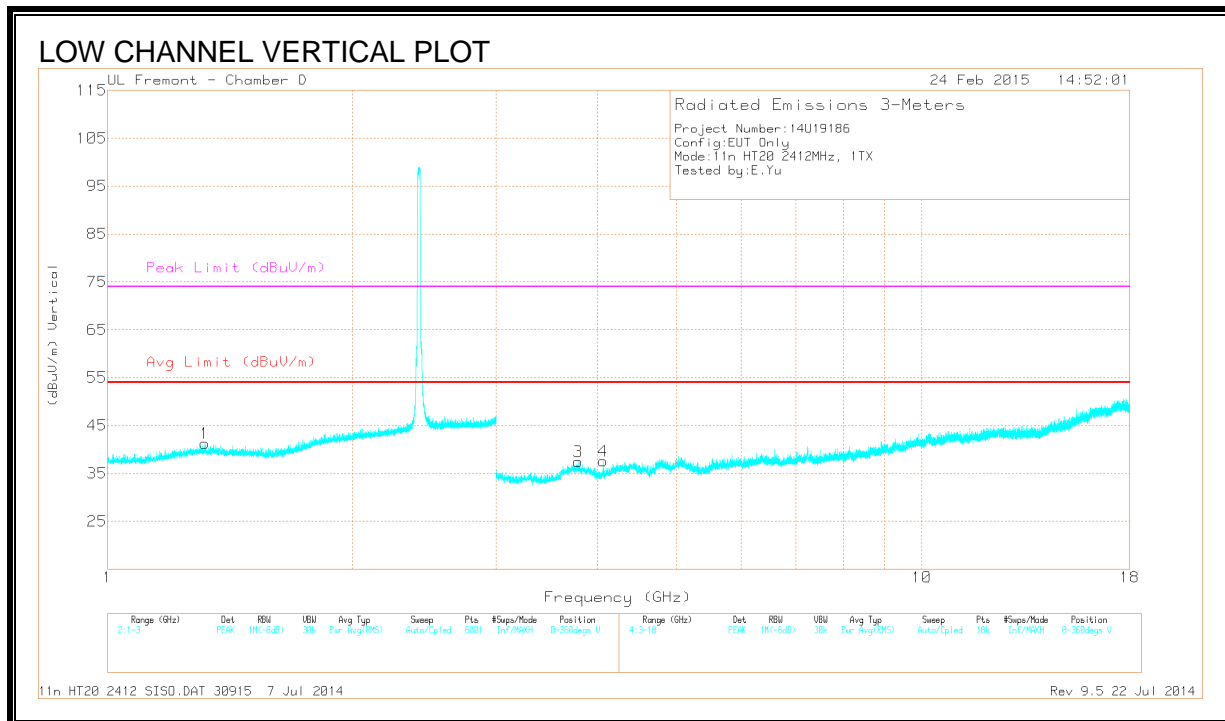
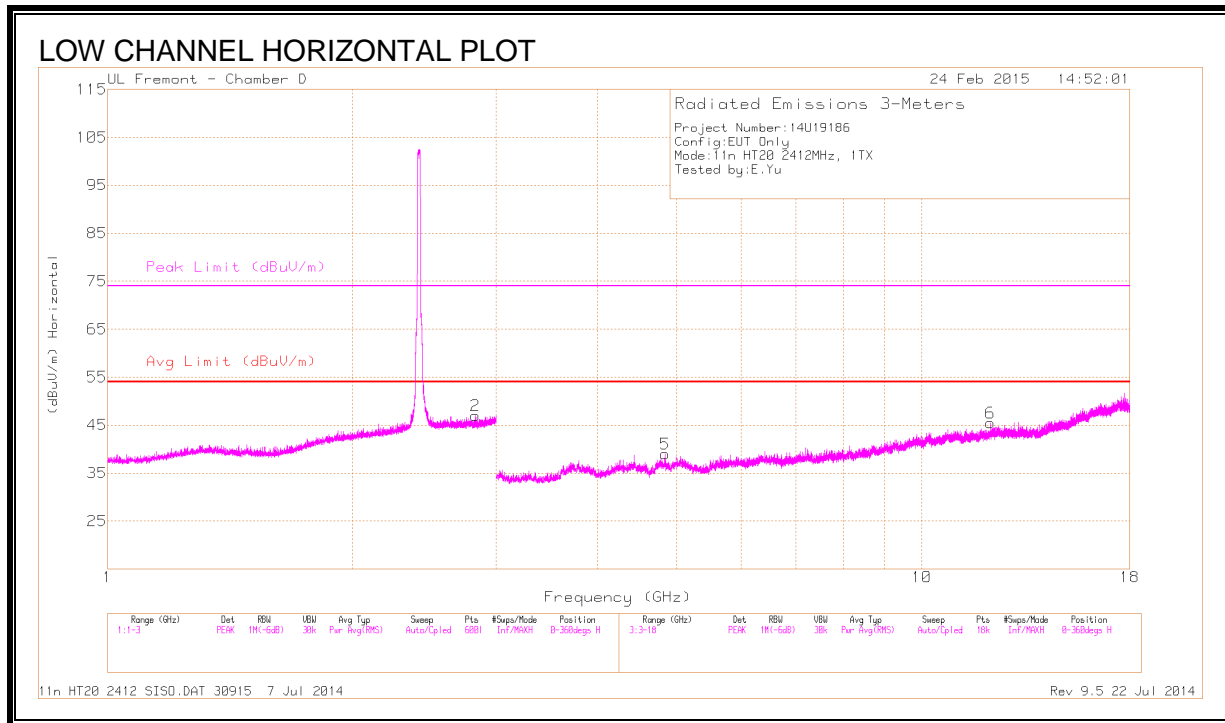
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.38	PK	32.2	-20.8	63.78	-	-	74	-10.22	95	140	V
2	* 2.484	52.6	PK	32.2	-20.8	64	-	-	74	-10	95	140	V
3	* 2.484	35.69	RMS	32.2	-20.8	47.09	54	-6.91	-	-	95	140	V
4	* 2.484	36.09	RMS	32.2	-20.8	47.49	54	-6.51	-	-	95	140	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection

9.3.2. HARMONICS AND SPURIOUS EMISSIONS



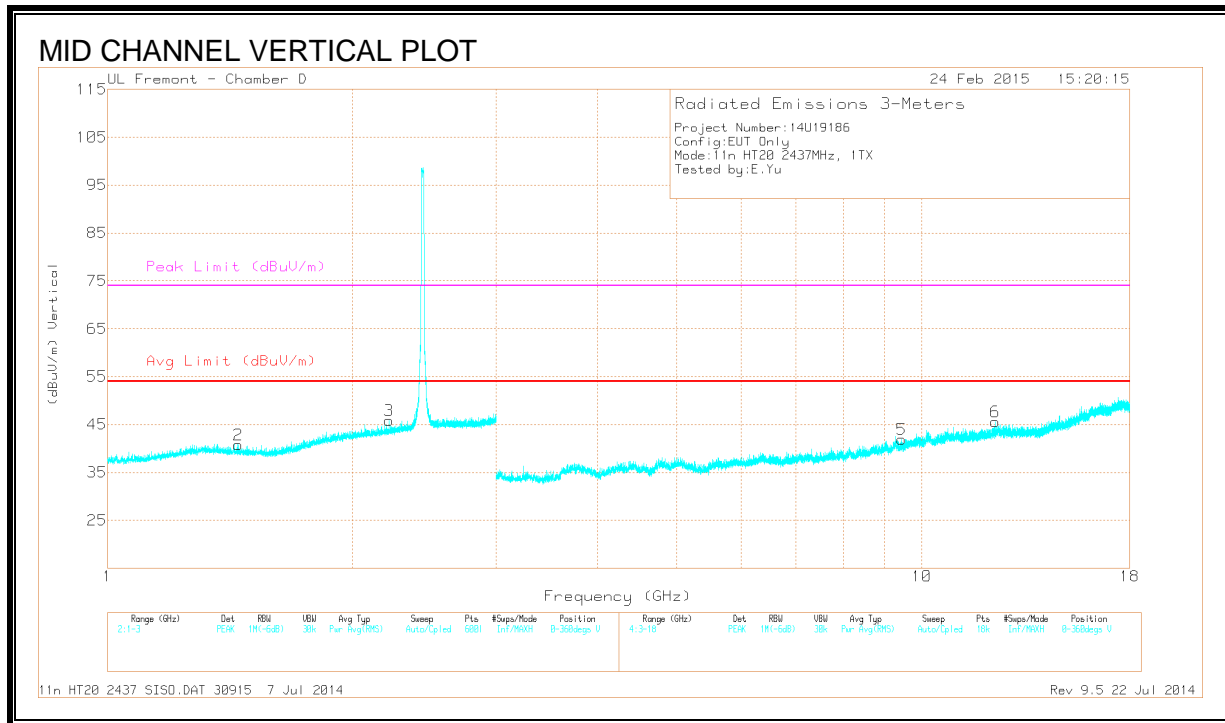
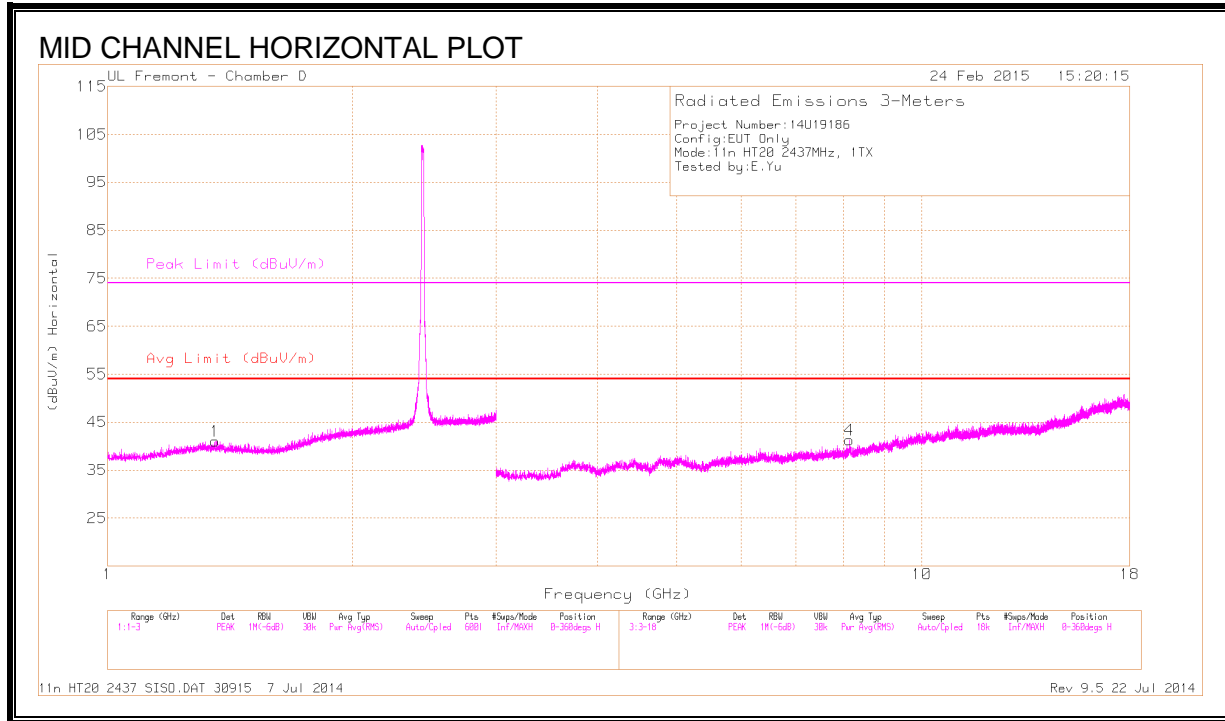
DATA

	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.828	41.75	PK2	32.5	-20.3	53.95	-	-	74	-20.05	360	205	H
	* 2.828	30.02	MAv1	32.5	-20.3	42.22	54	-11.78	-	-	360	205	H
1	* 1.316	41.83	PK2	28.9	-22.3	48.43	-	-	74	-25.57	360	100	V
	* 1.316	30.58	MAv1	28.9	-22.3	37.18	54	-16.82	-	-	360	100	V
5	* 4.835	39.3	PK2	34.1	-27.6	45.8	-	-	74	-28.2	360	204	H
	* 4.834	27.23	MAv1	34.1	-27.6	33.73	54	-20.27	-	-	360	204	H
6	* 12.13	34.48	PK2	38.9	-21.3	52.08	-	-	74	-21.92	360	100	H
	* 12.13	23.65	MAv1	38.9	-21.3	41.25	54	-12.75	-	-	360	100	H
3	* 3.785	39.48	PK2	33.3	-28.2	44.58	-	-	74	-29.42	360	204	V
	* 3.786	27.61	MAv1	33.3	-28.2	32.71	54	-21.29	-	-	360	204	V
4	* 4.062	39.1	PK2	33.4	-28.5	44	-	-	74	-30	360	100	V
	* 4.062	27.18	MAv1	33.4	-28.5	32.08	54	-21.92	-	-	360	100	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average



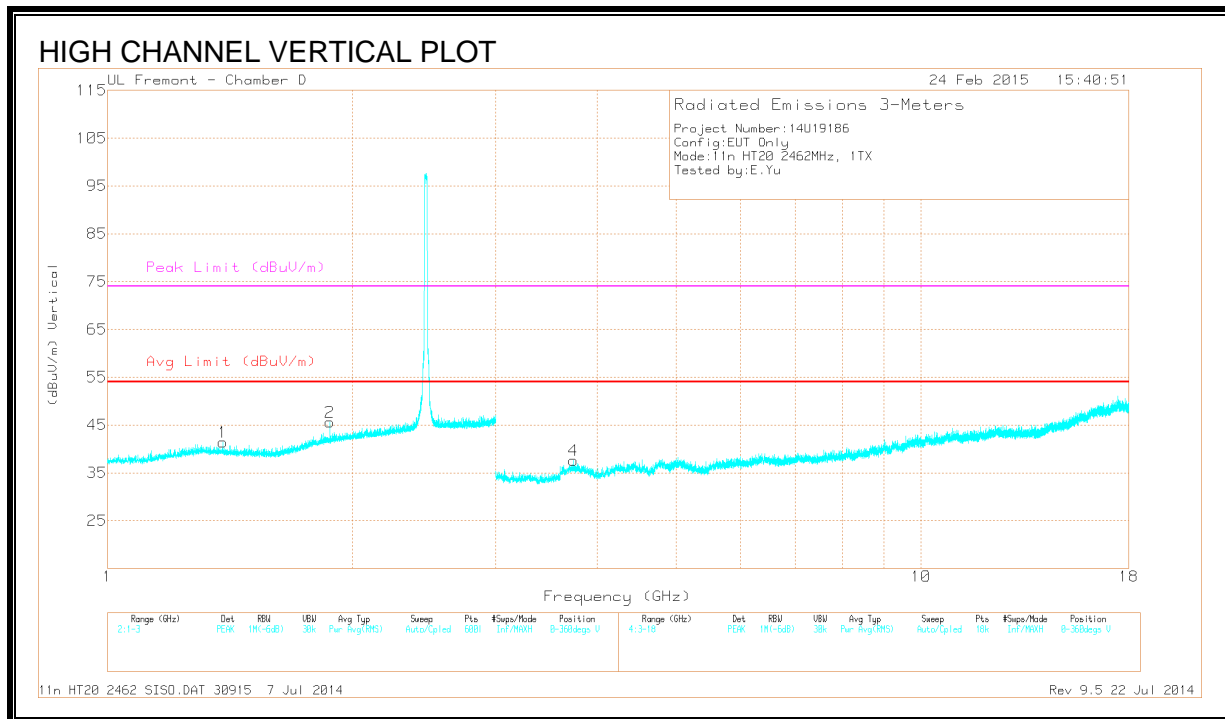
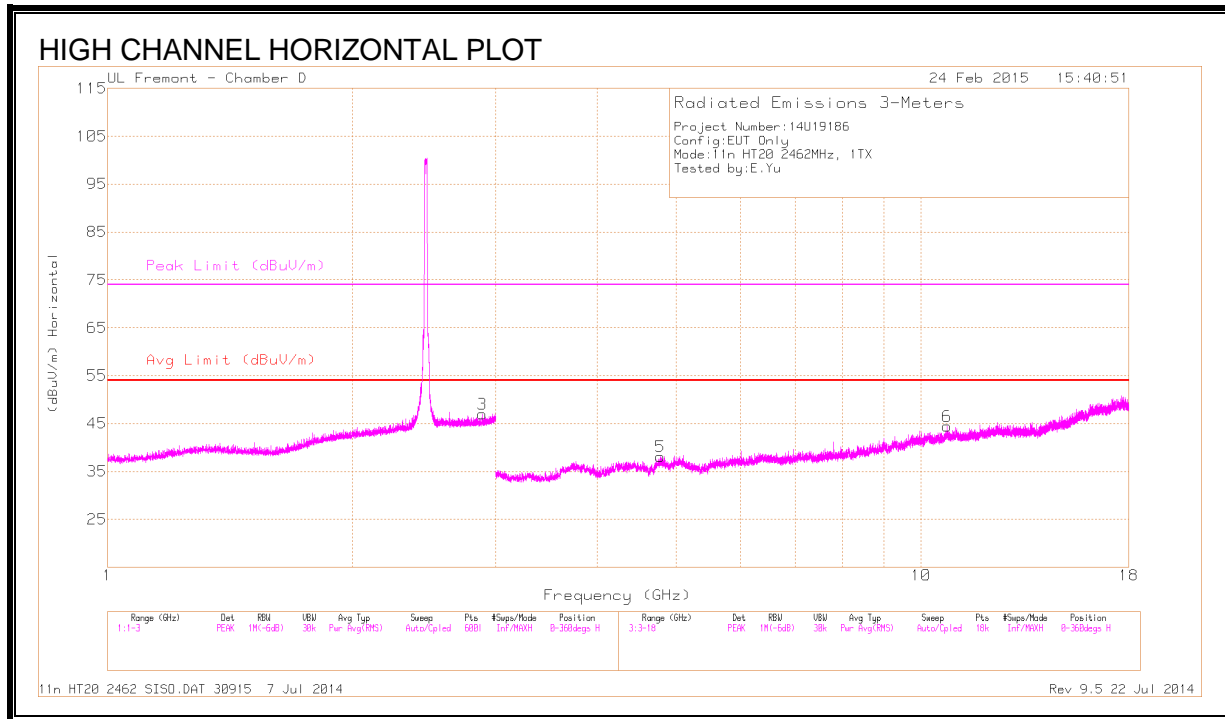
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	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.355	41.67	PK2	28.8	-22.2	48.27	-	-	74	-25.73	360	100	H
	* 1.354	30.39	MAv1	28.8	-22.2	36.99	54	-17.01	-	-	360	100	H
2	* 1.446	42.12	PK2	28.4	-22	48.52	-	-	74	-25.48	360	100	V
	* 1.445	30.25	MAv1	28.4	-22	36.65	54	-17.35	-	-	360	100	V
3	* 2.217	42.09	PK2	31.6	-21.1	52.59	-	-	74	-21.41	360	100	V
	* 2.217	30.16	MAv1	31.6	-21.1	40.66	54	-13.34	-	-	360	100	V
4	* 8.151	35.55	PK2	35.6	-22.9	48.25	-	-	74	-25.75	360	100	H
	* 8.15	24.2	MAv1	35.6	-22.9	36.9	54	-17.1	-	-	360	100	H
5	* 9.449	34.51	PK2	36.5	-21.6	49.41	-	-	74	-24.59	360	100	V
	* 9.45	23.26	MAv1	36.5	-21.6	38.16	54	-15.84	-	-	360	100	V
6	* 12.307	35.52	PK2	39	-21.9	52.62	-	-	74	-21.38	360	100	V
	* 12.308	24.03	MAv1	39	-21.9	41.13	54	-12.87	-	-	360	100	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average



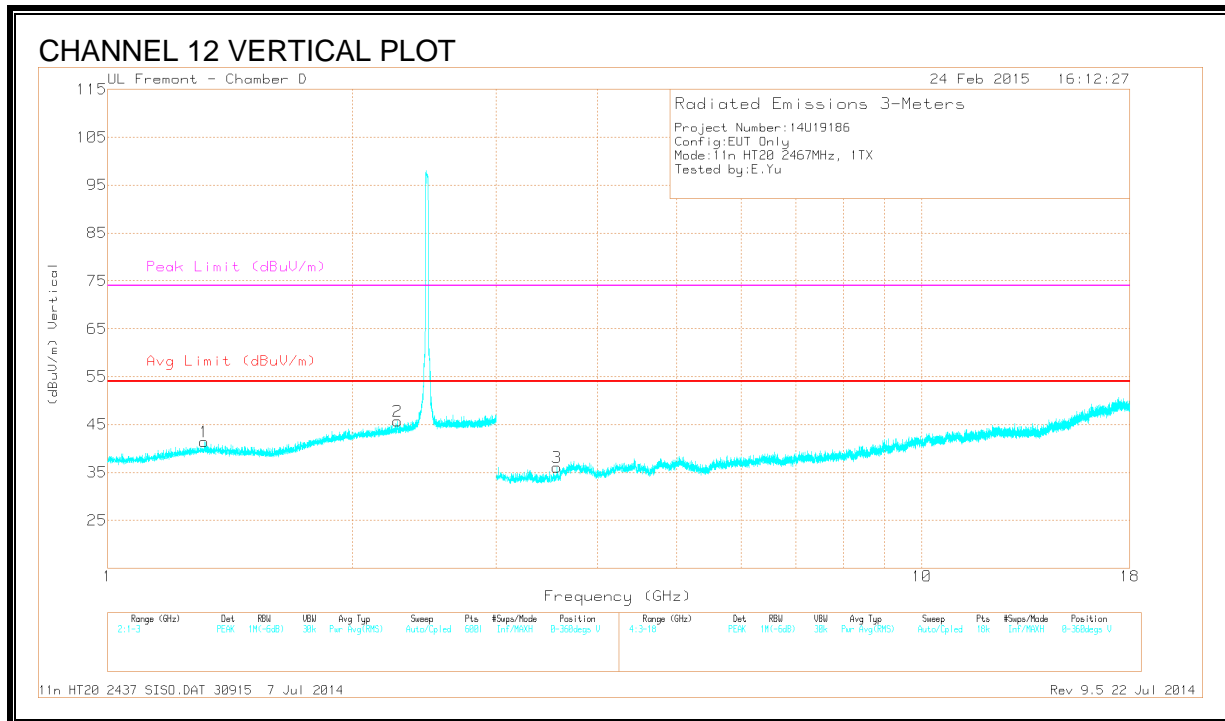
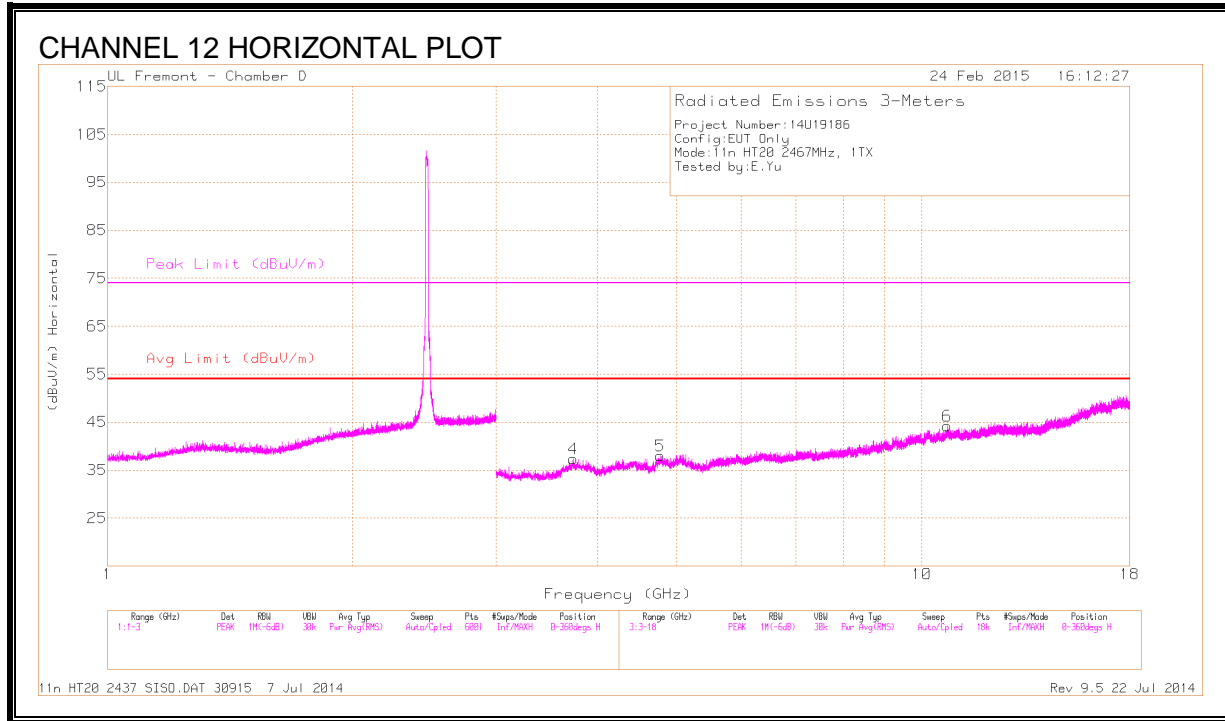
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	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 2.887	42.1	PK2	32.6	-20.3	54.4	-	-	74	-19.6	360	205	H
	* 2.888	30.05	MAv1	32.6	-20.3	42.35	54	-11.65	-	-	360	205	H
1	* 1.387	42.08	PK2	28.7	-22.1	48.68	-	-	74	-25.32	360	100	V
	* 1.386	30.31	MAv1	28.7	-22.1	36.91	54	-17.09	-	-	360	100	V
5	* 4.778	38.63	PK2	34.1	-26.6	46.13	-	-	74	-27.87	360	204	H
	* 4.778	26.83	MAv1	34.1	-26.6	34.33	54	-19.67	-	-	360	204	H
6	* 10.764	35.09	PK2	37.9	-20.3	52.69	-	-	74	-21.31	360	100	H
	* 10.764	22.87	MAv1	37.9	-20.3	40.47	54	-13.53	-	-	360	100	H
4	* 3.736	38.9	PK2	33.2	-28.6	43.5	-	-	74	-30.5	360	205	V
	* 3.737	27.51	MAv1	33.2	-28.6	32.11	54	-21.89	-	-	360	205	V
2	1.875	30.09	MAv1	30.6	-21.4	39.29	-	-	-	-	360	204	V
	1.876	41.51	PK2	30.6	-21.4	50.71	-	-	-	-	360	204	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average



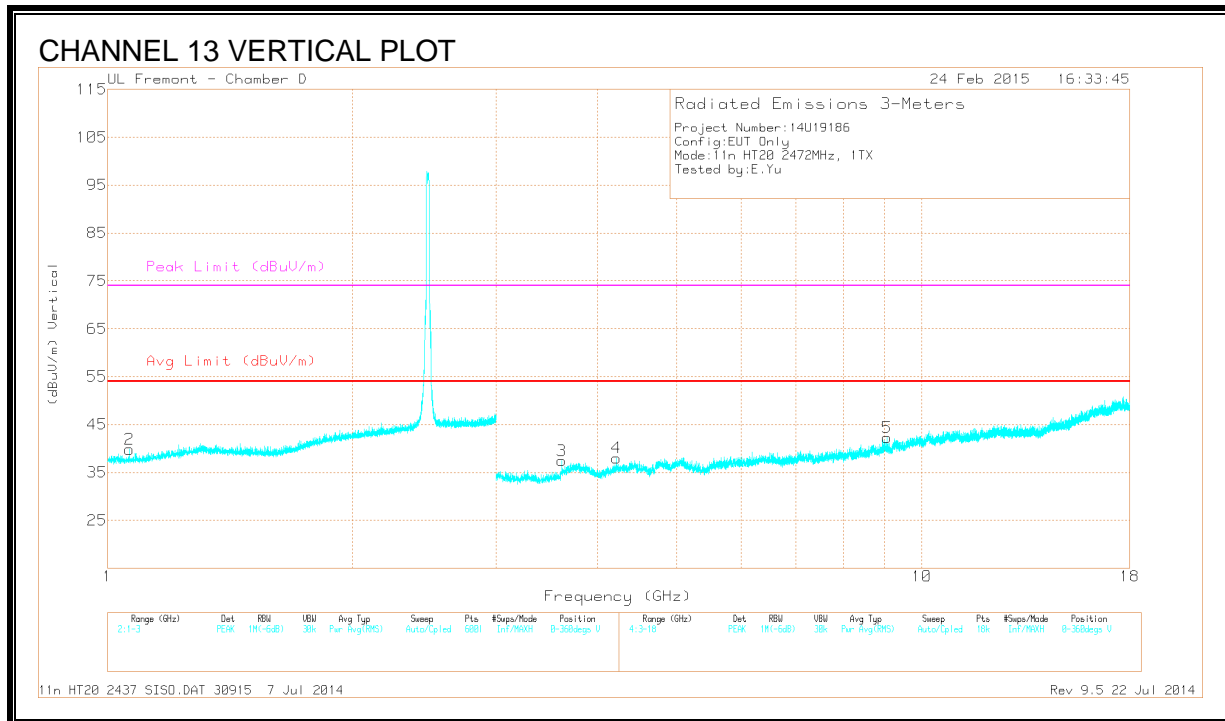
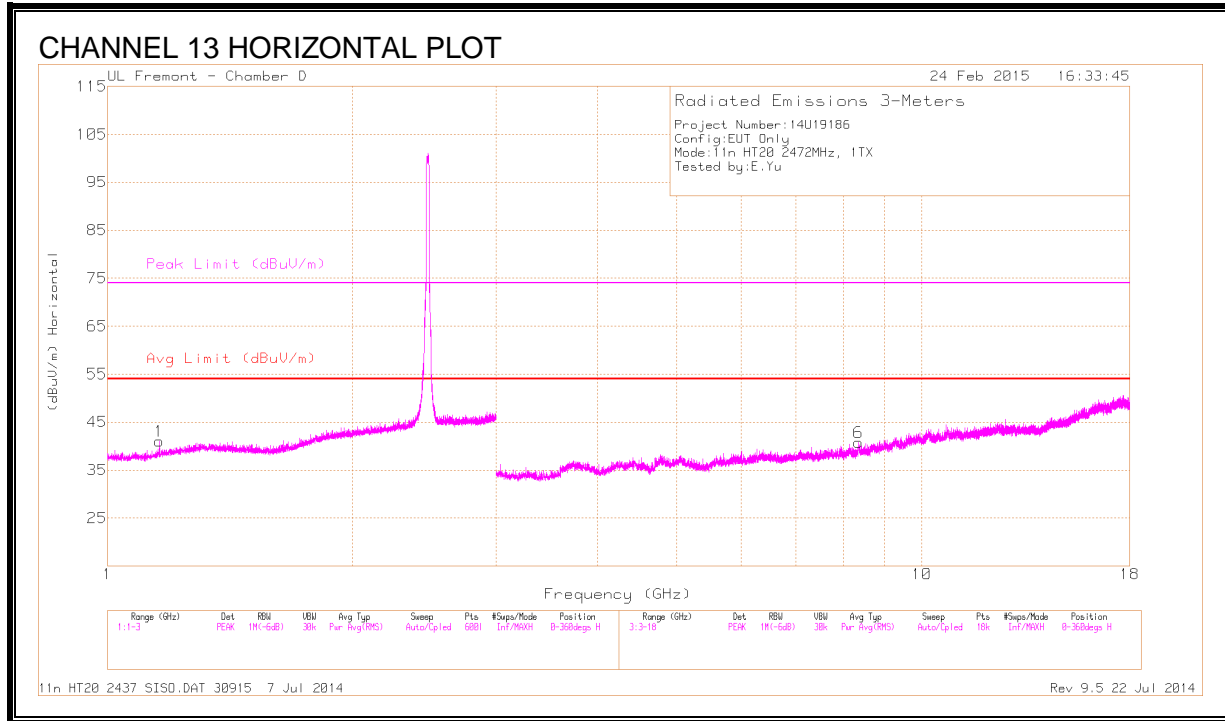
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	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.315	42.29	PK2	28.9	-22.3	48.89	-	-	74	-25.11	360	100	V
	* 1.315	30.79	MAv1	28.9	-22.3	37.39	54	-16.61	-	-	360	100	V
2	* 2.27	41.44	PK2	31.9	-20.9	52.44	-	-	74	-21.56	360	100	V
	* 2.272	30.16	MAv1	31.9	-20.9	41.16	54	-12.84	-	-	360	100	V
4	* 3.733	39.25	PK2	33.2	-28.6	43.85	-	-	74	-30.15	360	100	H
	* 3.733	27.65	MAv1	33.2	-28.6	32.25	54	-21.75	-	-	360	100	H
5	* 4.771	37.9	PK2	34.1	-26.6	45.4	-	-	74	-28.6	360	100	H
	* 4.772	26.79	MAv1	34.1	-26.6	34.29	54	-19.71	-	-	360	100	H
6	* 10.751	33.82	PK2	37.9	-20.5	51.22	-	-	74	-22.78	360	100	H
	* 10.752	22.91	MAv1	37.9	-20.5	40.31	54	-13.69	-	-	360	100	H
3	* 3.564	39.2	PK2	33	-28.3	43.9	-	-	74	-30.1	360	100	V
	* 3.564	27.55	MAv1	33	-28.3	32.25	54	-21.75	-	-	360	100	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average



DATA

	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.157	41.59	PK2	27.7	-22.5	46.79	-	-	74	-27.21	360	100	H
	* 1.158	30.06	MAv1	27.7	-22.5	35.26	54	-18.74	-	-	360	100	H
2	* 1.064	42.01	PK2	27.2	-22.6	46.61	-	-	74	-27.39	360	206	V
	* 1.064	30.48	MAv1	27.2	-22.6	35.08	54	-18.92	-	-	360	206	V
6	* 8.355	35.59	PK2	35.7	-23.6	47.69	-	-	74	-26.31	360	100	H
	* 8.356	24.37	MAv1	35.7	-23.5	36.57	54	-17.43	-	-	360	100	H
3	* 3.612	38.94	PK2	33.1	-28.5	43.54	-	-	74	-30.46	360	206	V
	* 3.612	27.43	MAv1	33.1	-28.5	32.03	54	-21.97	-	-	360	206	V
4	* 4.215	37.87	PK2	33.5	-27.6	43.77	-	-	74	-30.23	360	206	V
	* 4.216	26.88	MAv1	33.5	-27.5	32.88	54	-21.12	-	-	360	206	V
5	* 9.057	34.39	PK2	36.1	-21.8	48.69	-	-	74	-25.31	360	100	V
	* 9.058	23.41	MAv1	36.1	-21.8	37.71	54	-16.29	-	-	360	100	V

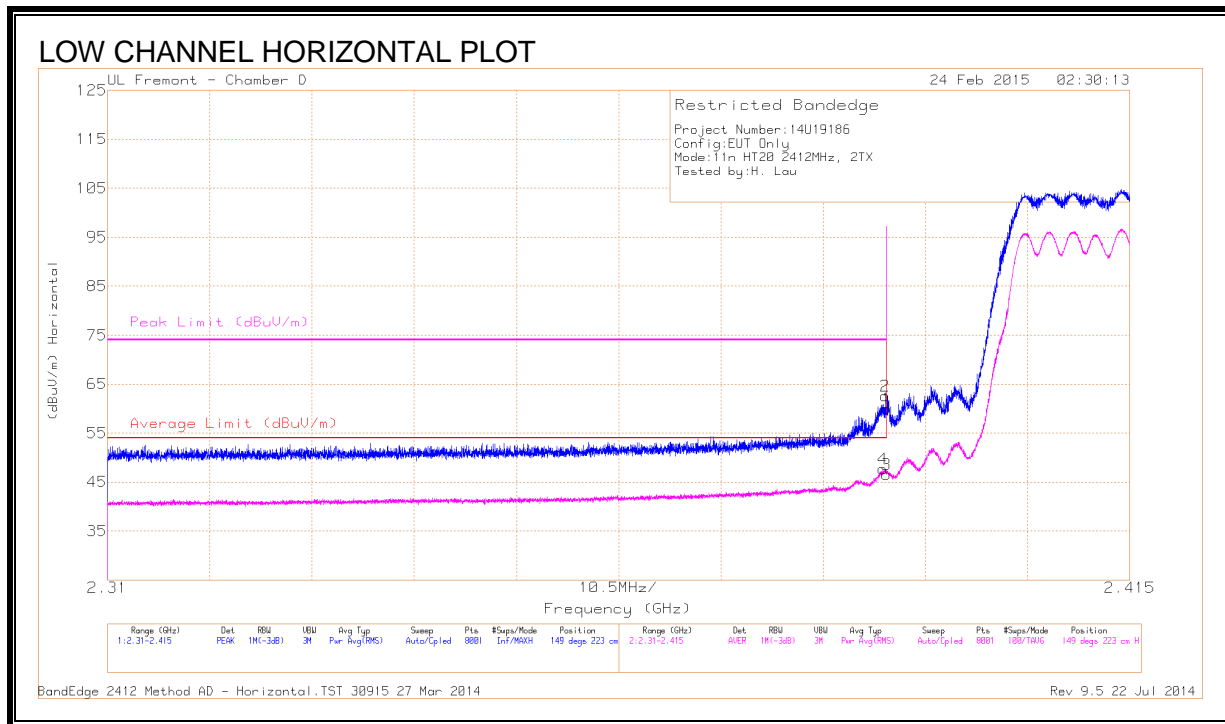
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.4. 802.11n HT20 2Tx CDD MODE IN THE 2.4 GHz BAND

9.4.1. RESTRICTED BANDEGE



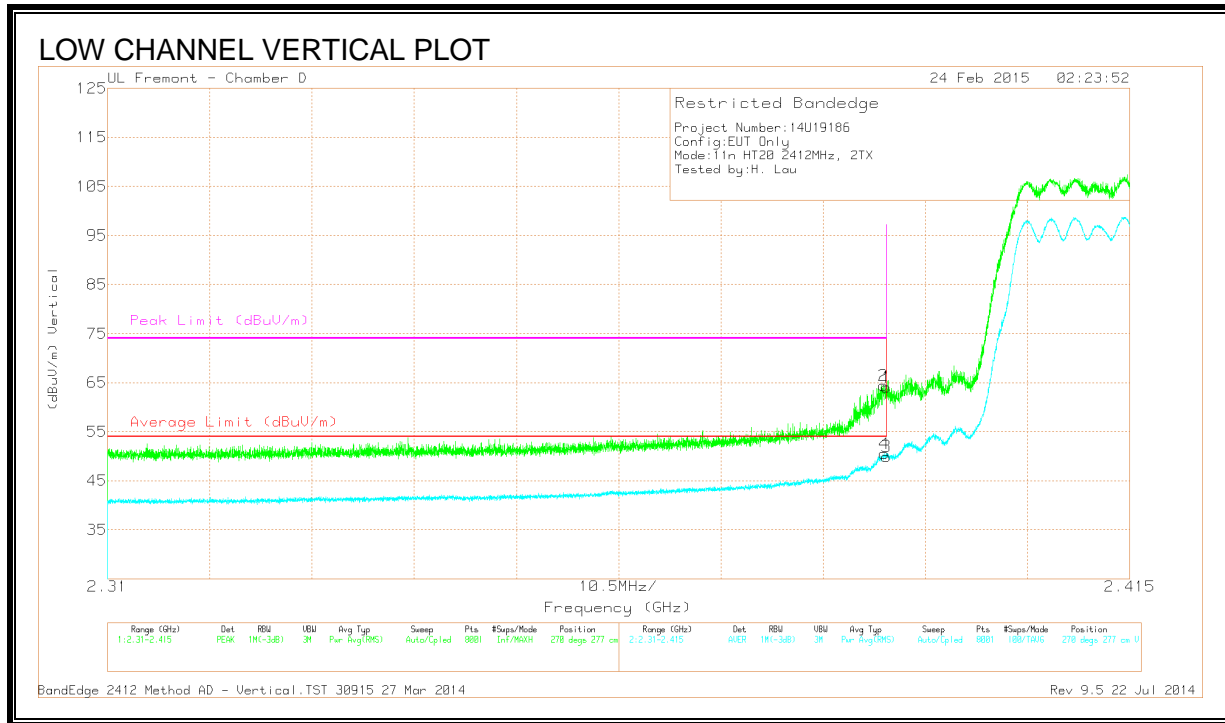
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	48.56	PK	32.1	-20.7	59.96	-	-	74	-14.04	149	223	H
2	* 2.39	51.19	PK	32.1	-20.7	62.59	-	-	74	-11.41	149	223	H
3	* 2.39	35.15	RMS	32.1	-20.7	46.55	54	-7.45	-	-	149	223	H
4	* 2.39	36.33	RMS	32.1	-20.7	47.73	54	-6.27	-	-	149	223	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



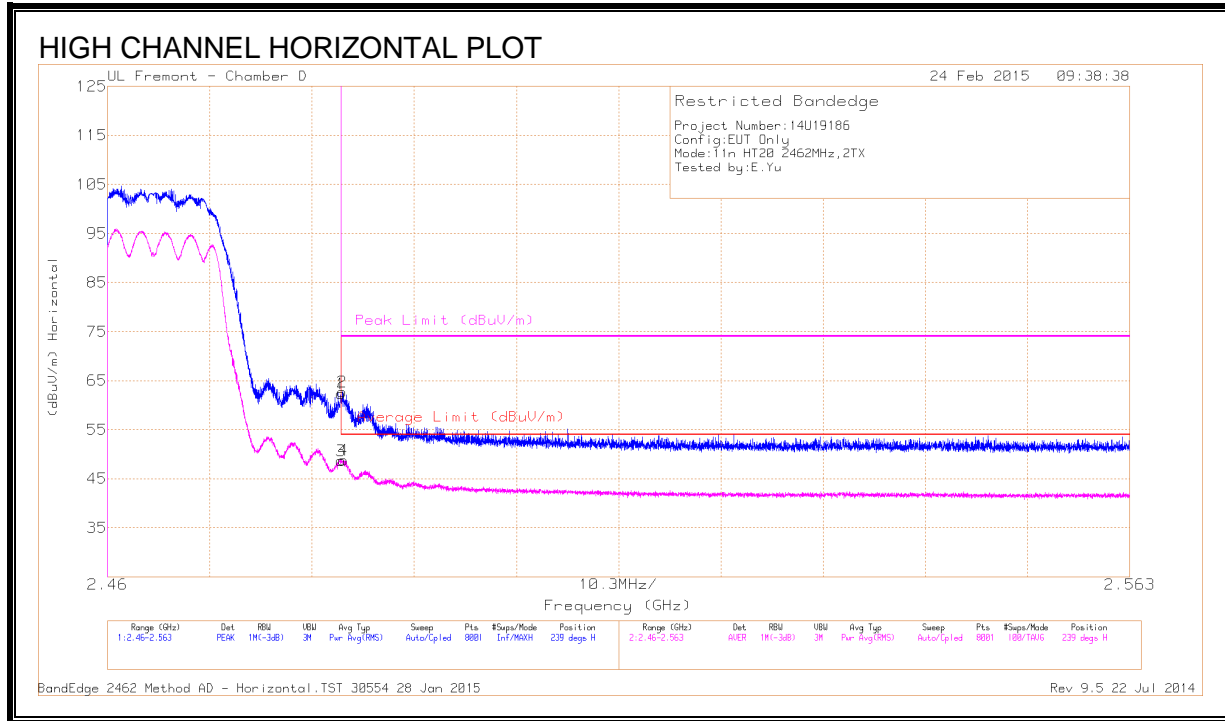
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	52.7	PK	32.1	-20.7	64.1	-	-	74	-9.9	270	277	V
2	* 2.39	53.08	PK	32.1	-20.7	64.48	-	-	74	-9.52	270	277	V
3	* 2.39	38.58	RMS	32.1	-20.7	49.98	54	-4.02	-	-	270	277	V
4	* 2.39	39.11	RMS	32.1	-20.7	50.51	54	-3.49	-	-	270	277	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



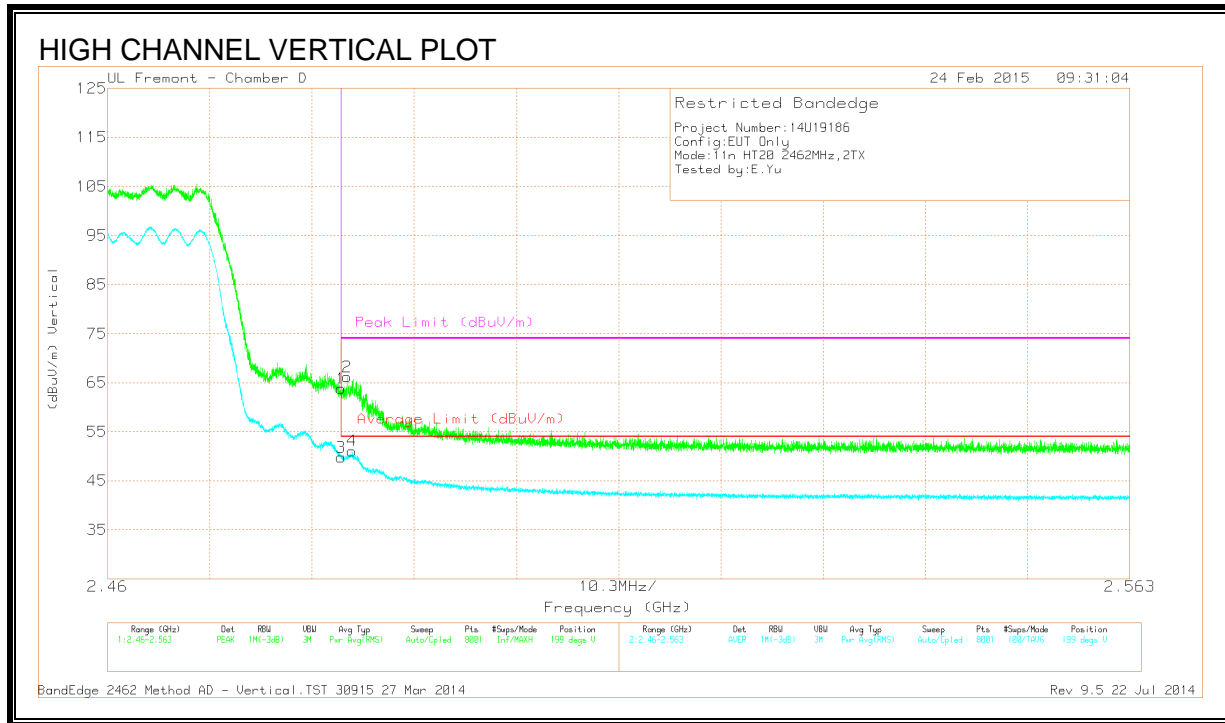
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.98	PK	32.2	-20.8	62.38	-	-	74	-11.62	239	256	H
2	* 2.484	51.36	PK	32.2	-20.8	62.76	-	-	74	-11.24	239	256	H
3	* 2.484	37.29	RMS	32.2	-20.8	48.69	54	-5.31	-	-	239	256	H
4	* 2.484	37.4	RMS	32.2	-20.8	48.8	54	-5.2	-	-	239	256	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



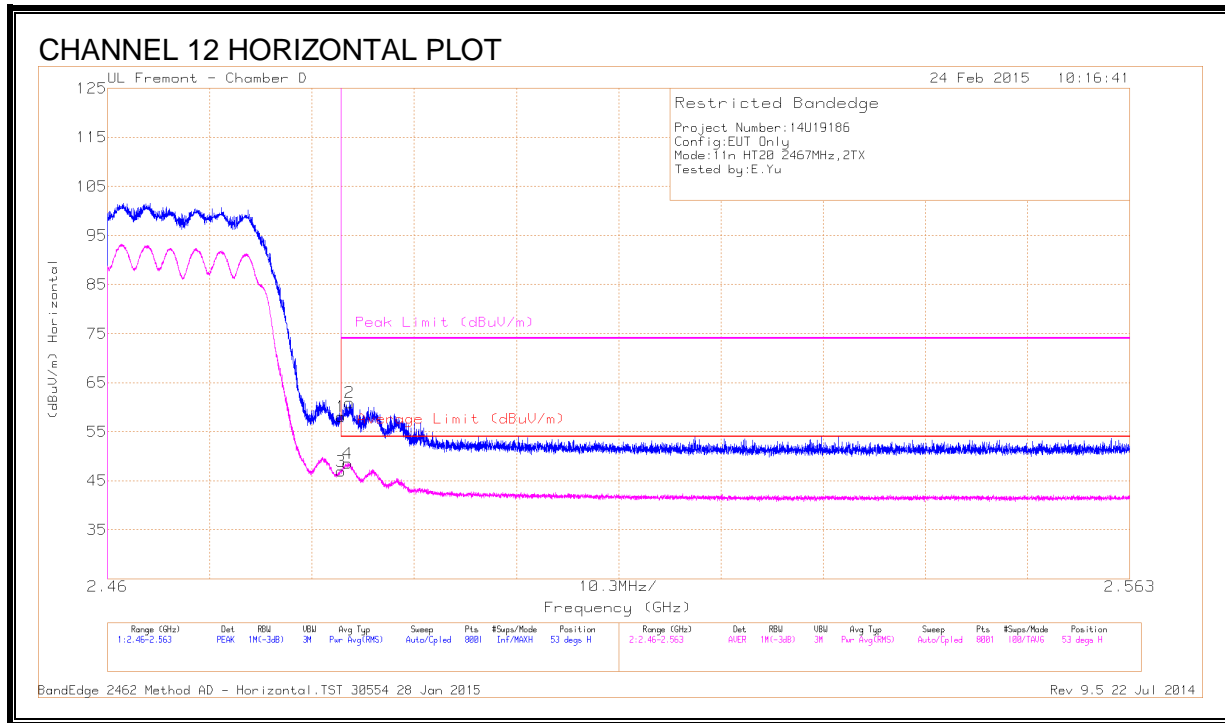
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.38	PK	32.2	-20.8	63.78	-	-	74	-10.22	199	261	V
2	* 2.484	54.77	PK	32.2	-20.8	66.17	-	-	74	-7.83	199	261	V
3	* 2.484	38.4	RMS	32.2	-20.8	49.8	54	-4.2	-	-	199	261	V
4	* 2.485	39.7	RMS	32.2	-20.8	51.1	54	-2.9	-	-	199	261	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



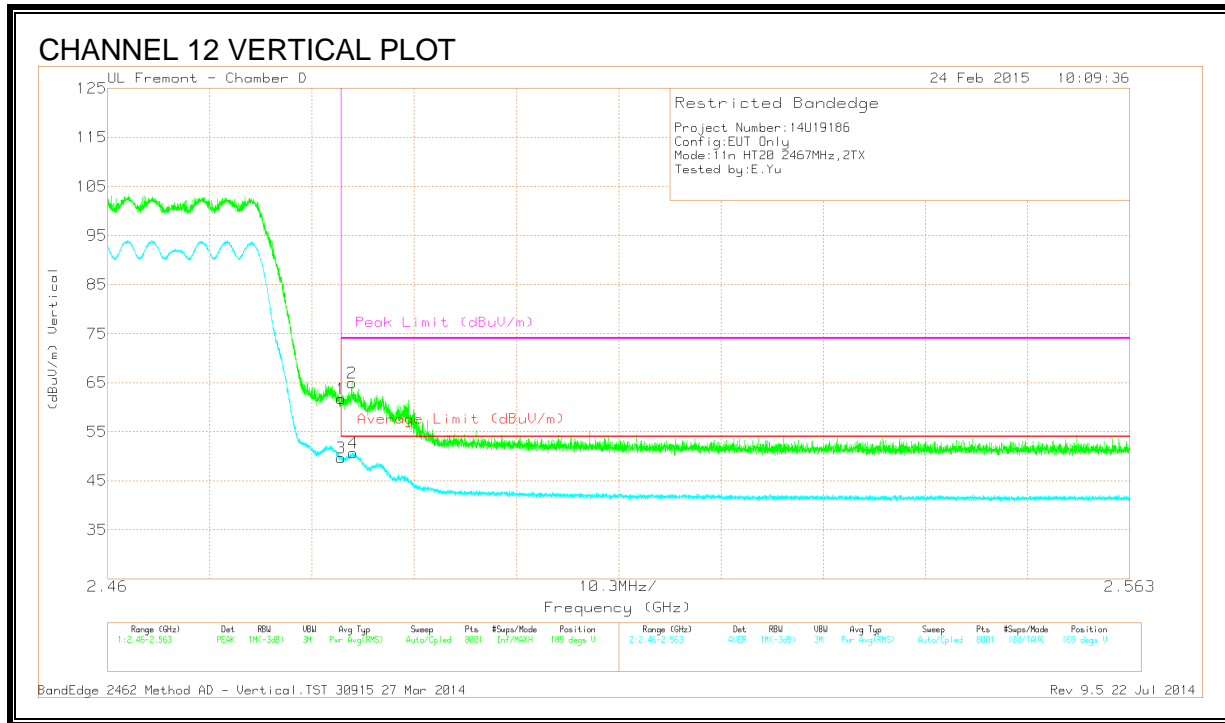
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.66	PK	32.2	-20.8	58.06	-	-	74	-15.94	53	255	H
2	* 2.484	49.51	PK	32.2	-20.8	60.91	-	-	74	-13.09	53	255	H
3	* 2.484	35.52	RMS	32.2	-20.8	46.92	54	-7.08	-	-	53	255	H
4	* 2.484	37.1	RMS	32.2	-20.8	48.5	54	-5.5	-	-	53	255	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



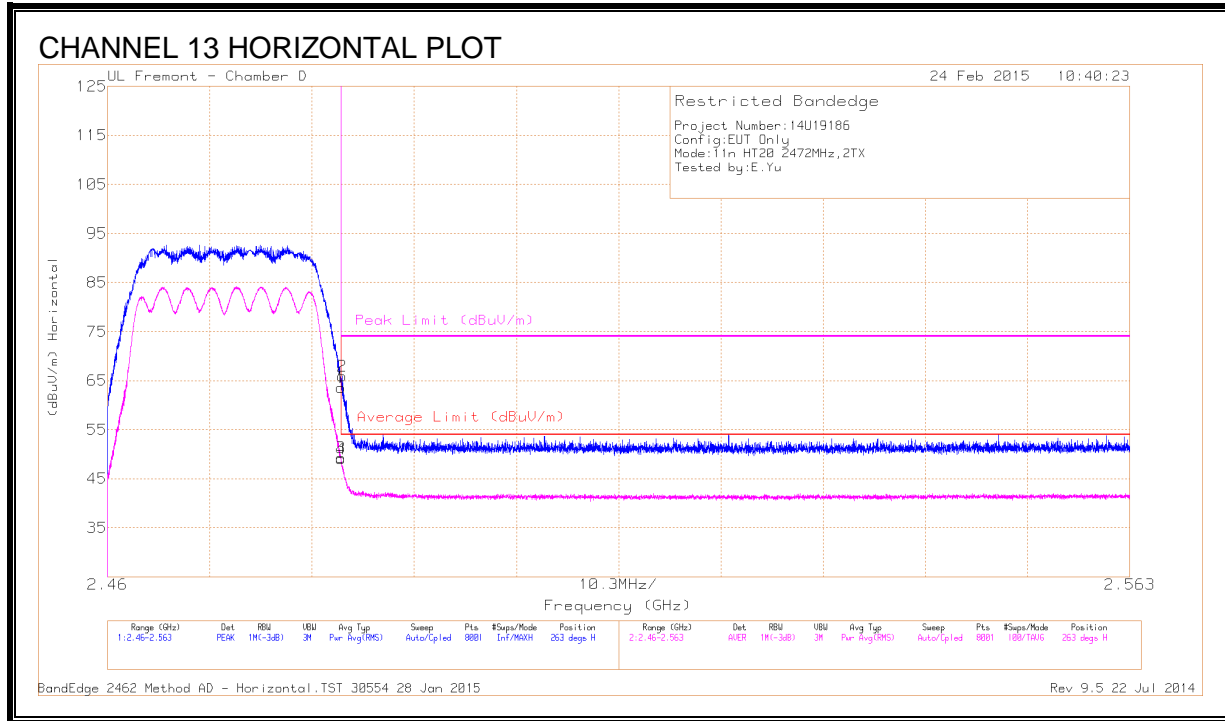
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.36	PK	32.2	-20.8	61.76	-	-	74	-12.24	189	260	V
3	* 2.484	38.22	RMS	32.2	-20.8	49.62	54	-4.38	-	-	189	260	V
2	* 2.485	53.55	PK	32.2	-20.8	64.95	-	-	74	-9.05	189	260	V
4	* 2.485	39.27	RMS	32.2	-20.8	50.67	54	-3.33	-	-	189	260	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



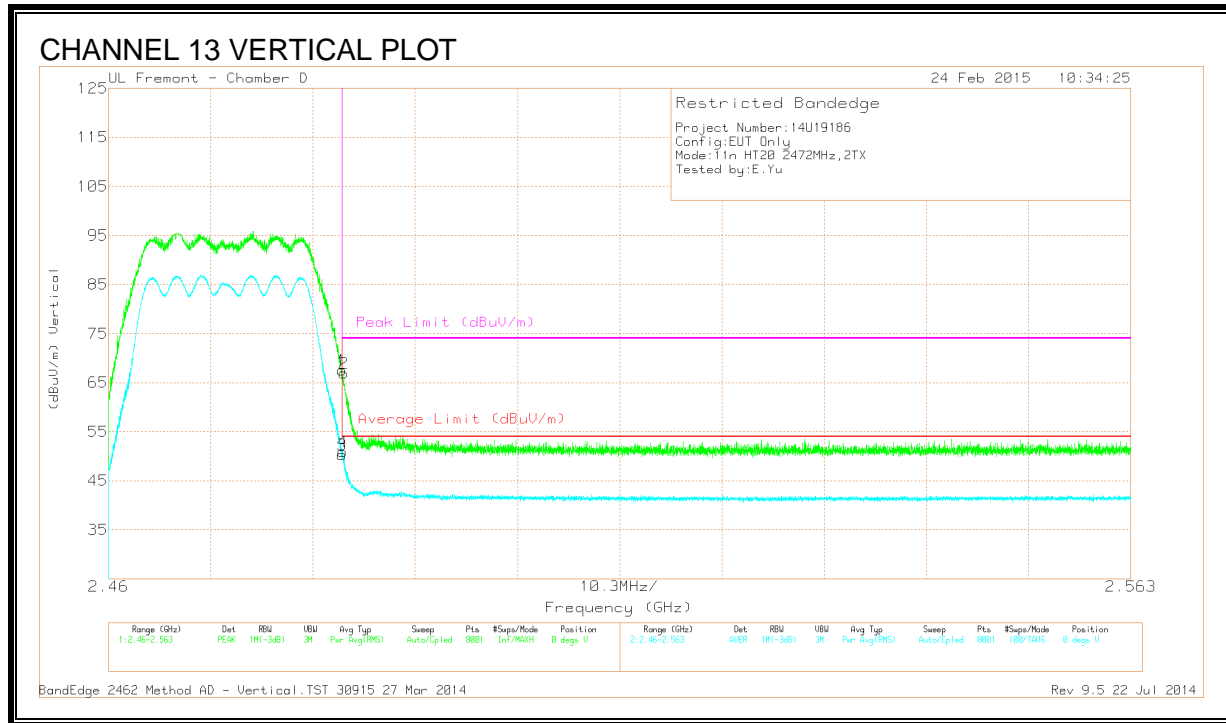
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.23	PK	32.2	-20.8	63.63	-	-	74	-10.37	263	226	H
2	* 2.484	54.49	PK	32.2	-20.8	65.89	-	-	74	-8.11	263	226	H
3	* 2.484	37.89	RMS	32.2	-20.8	49.29	54	-4.71	-	-	263	226	H
4	* 2.484	37.61	RMS	32.2	-20.8	49.01	54	-4.99	-	-	263	226	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection



DATA

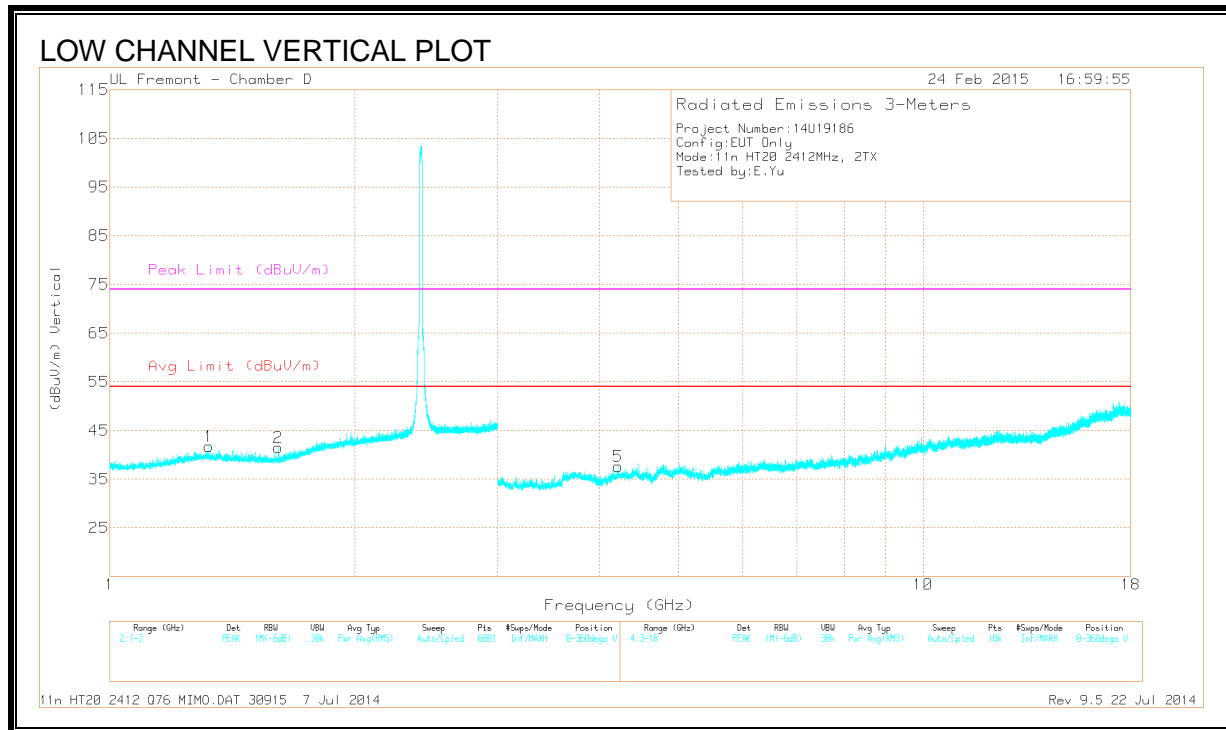
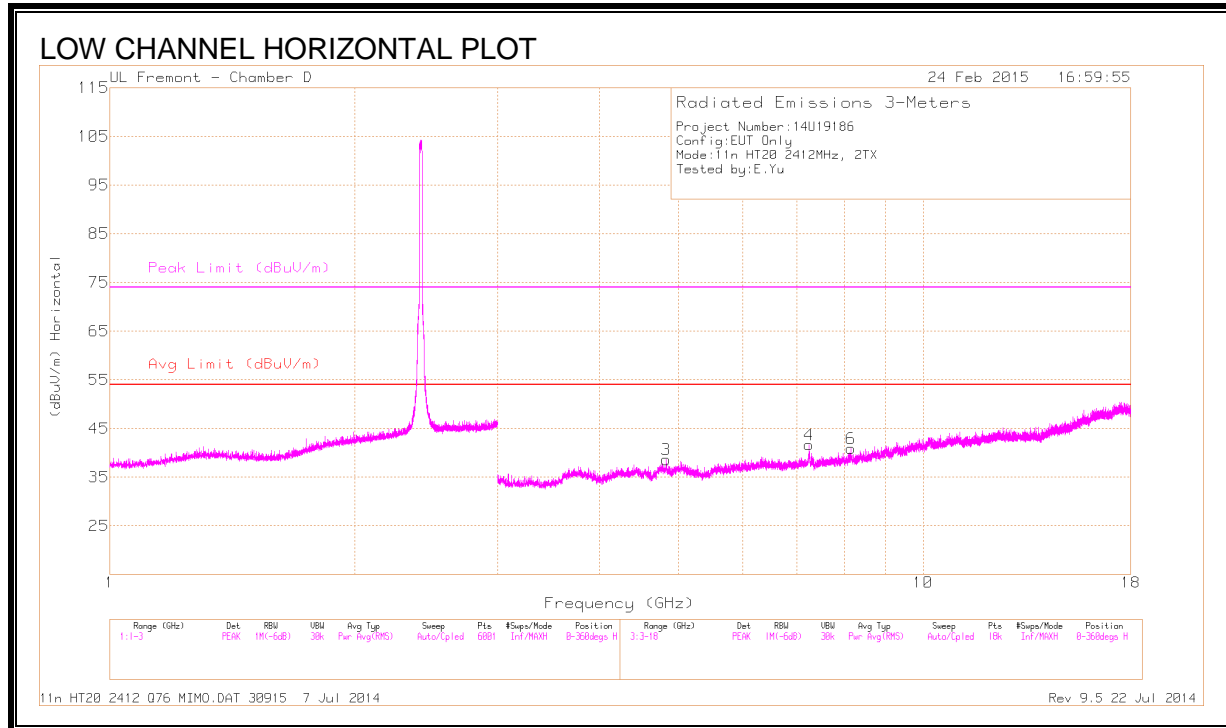
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	56.16	PK	32.2	-20.8	67.56	-	-	74	-6.44	0	319	V
2	* 2.484	55.51	PK	32.2	-20.8	66.91	-	-	74	-7.09	0	319	V
3	* 2.484	38.92	RMS	32.2	-20.8	50.32	54	-3.68	-	-	0	319	V
4	* 2.484	39.54	RMS	32.2	-20.8	50.94	54	-3.06	-	-	0	319	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

RMS - RMS detection

9.4.2. HARMONICS AND SPURIOUS EMISSIONS



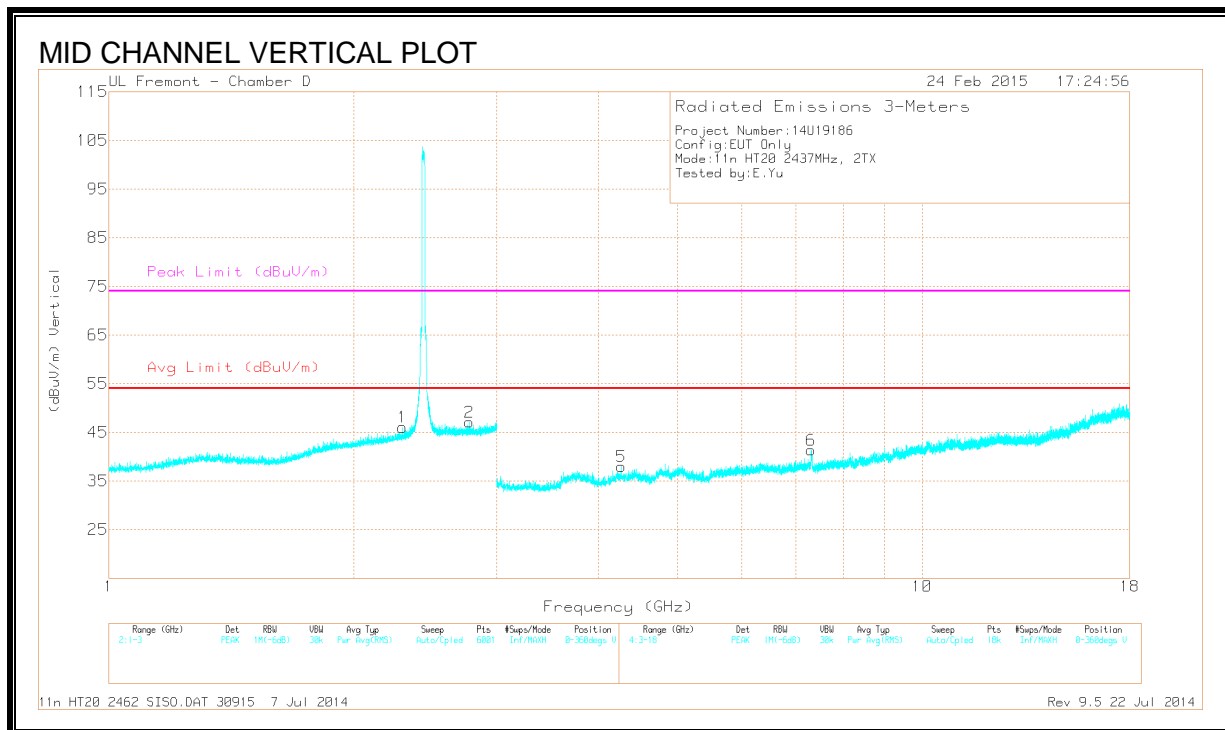
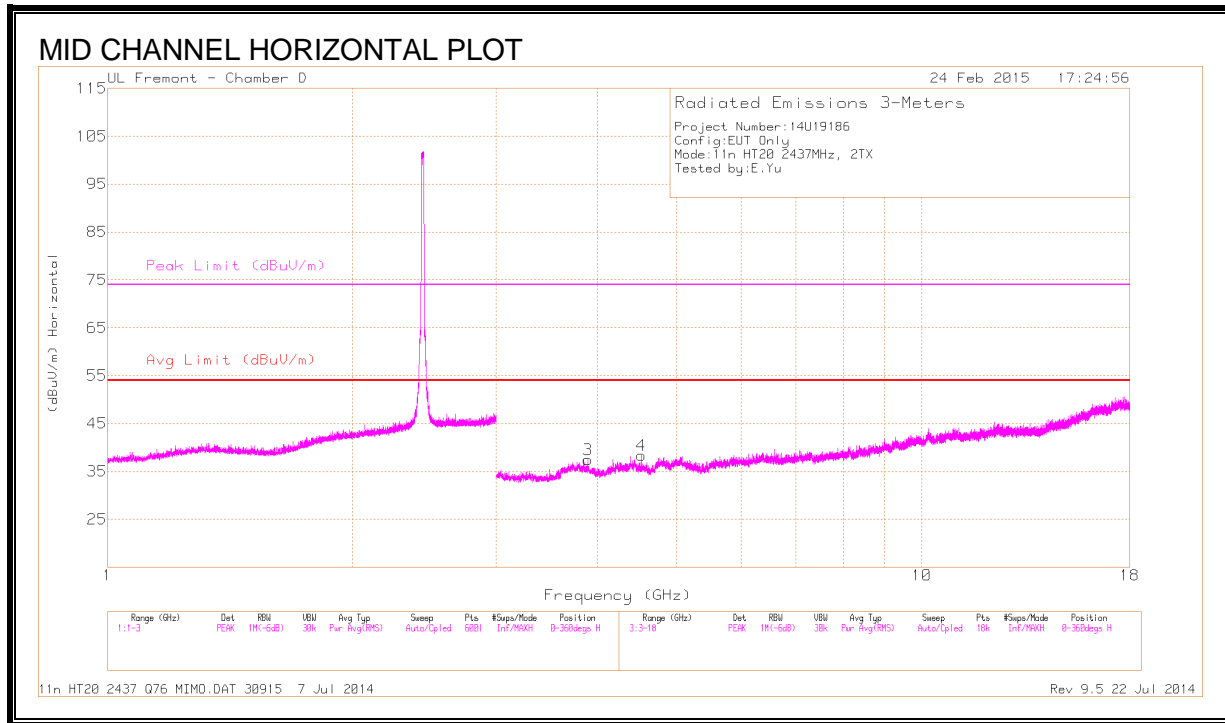
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	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.325	42.2	PK2	28.9	-22.2	48.9	-	-	74	-25.1	360	205	V
	* 1.325	30.29	MAv1	28.9	-22.2	36.99	54	-17.01	-	-	360	205	V
2	* 1.612	41.34	PK2	28.1	-21.8	47.64	-	-	74	-26.36	360	100	V
	* 1.613	30.09	MAv1	28.1	-21.8	36.39	54	-17.61	-	-	360	100	V
6	* 8.148	35.79	PK2	35.6	-22.9	48.49	-	-	74	-25.51	360	100	H
	* 8.147	24.16	MAv1	35.6	-23	36.76	54	-17.24	-	-	360	100	H
3	* 4.831	38.4	PK2	34.1	-27.5	45	-	-	74	-29	142	201	H
	* 4.831	27.12	MAv1	34.1	-27.5	33.72	54	-20.28	-	-	142	201	H
5	* 4.218	37.98	PK2	33.5	-27.5	43.98	-	-	74	-30.02	360	100	V
	* 4.218	26.73	MAv1	33.5	-27.5	32.73	54	-21.27	-	-	360	100	V
4	7.235	39.7	PK2	35.5	-24.9	50.3	-	-	-	-	360	205	H
	7.235	27.5	MAv1	35.5	-24.9	38.1	-	-	-	-	360	205	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average



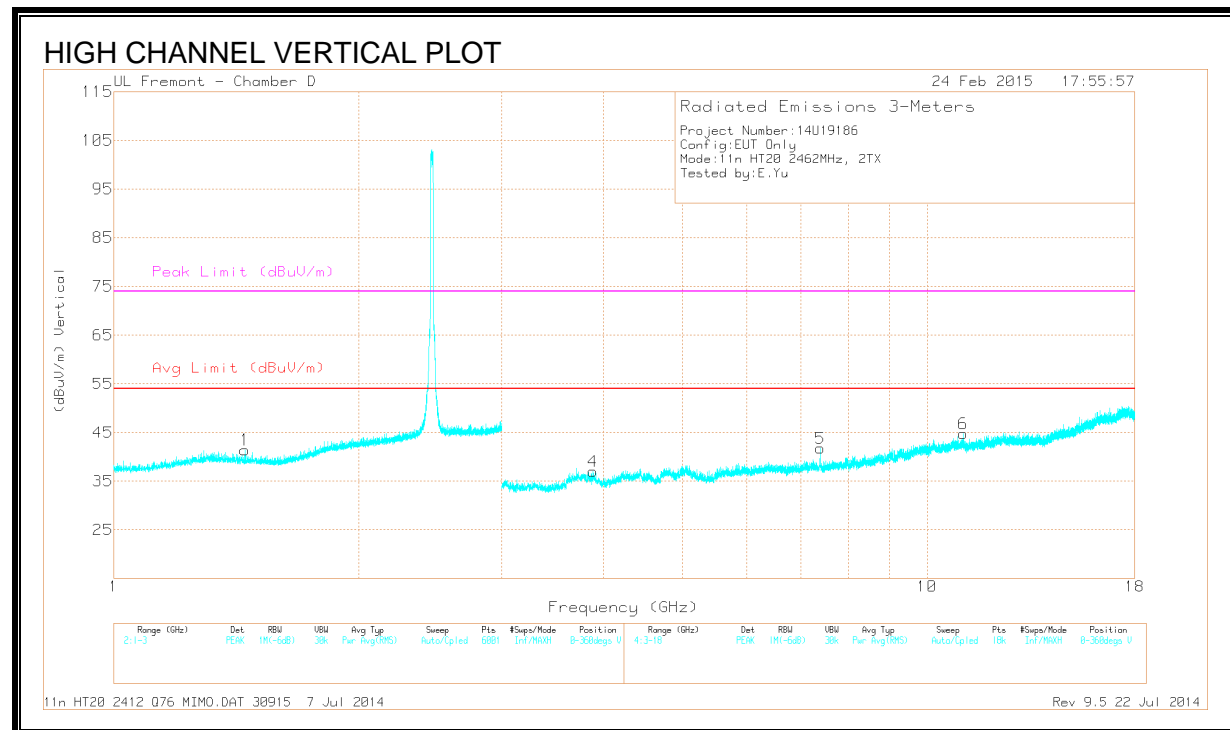
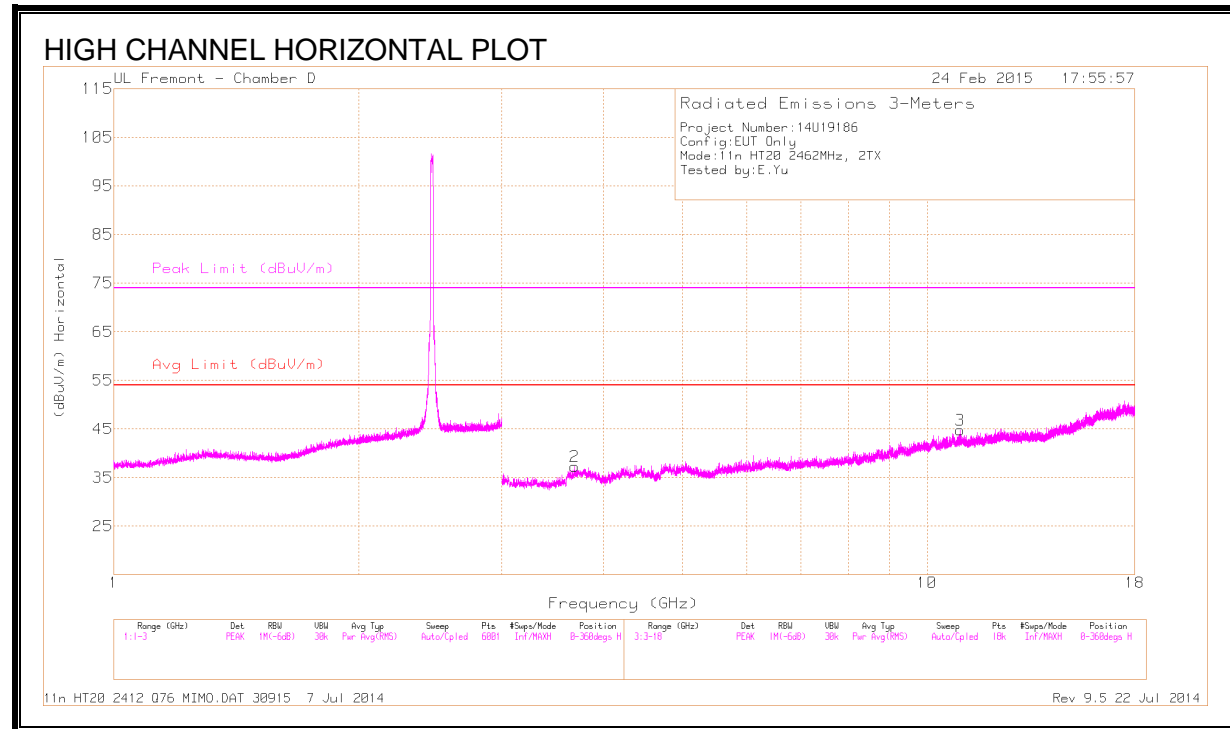
DATA

	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.298	41.83	PK2	32	-21	52.83	-	-	74	-21.17	360	205	V
	* 2.297	30.52	MAv1	32	-21	41.52	54	-12.48	-	-	360	205	V
2	* 2.776	42.3	PK2	32.5	-20.4	54.4	-	-	74	-19.6	360	100	V
	* 2.776	30.09	MAv1	32.5	-20.4	42.19	54	-11.81	-	-	360	100	V
3	* 3.888	39.36	PK2	33.4	-28.3	44.46	-	-	74	-29.54	360	100	H
	* 3.889	27.79	MAv1	33.4	-28.3	32.89	54	-21.11	-	-	360	100	H
4	* 4.521	38.25	PK2	34	-28	44.25	-	-	74	-29.75	360	205	H
	* 4.52	27.04	MAv1	34	-28	33.04	54	-20.96	-	-	360	205	H
5	* 4.268	39.2	PK2	33.5	-28	44.7	-	-	74	-29.3	360	205	V
	* 4.268	27.14	MAv1	33.5	-28	32.64	54	-21.36	-	-	360	205	V
6	* 7.305	38.58	PK2	35.5	-24.7	49.38	-	-	74	-24.62	142	227	V
	* 7.307	26.93	MAv1	35.5	-24.7	37.73	54	-16.27	-	-	142	227	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average



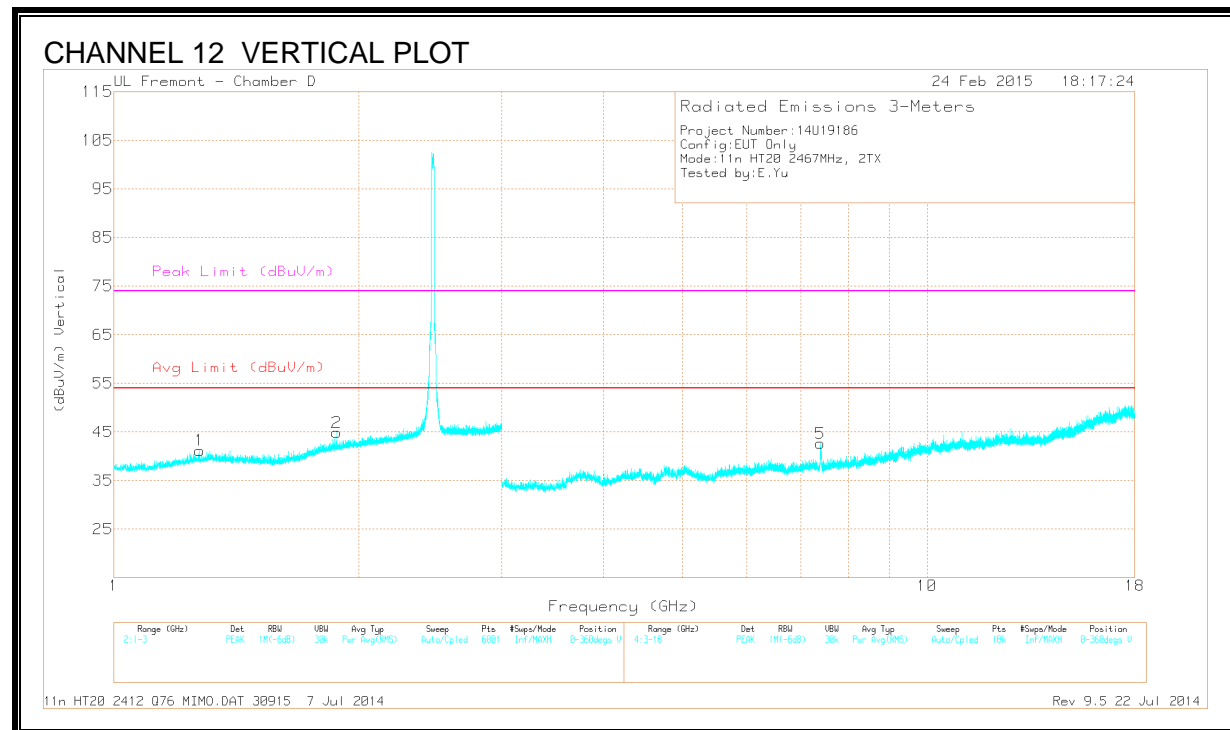
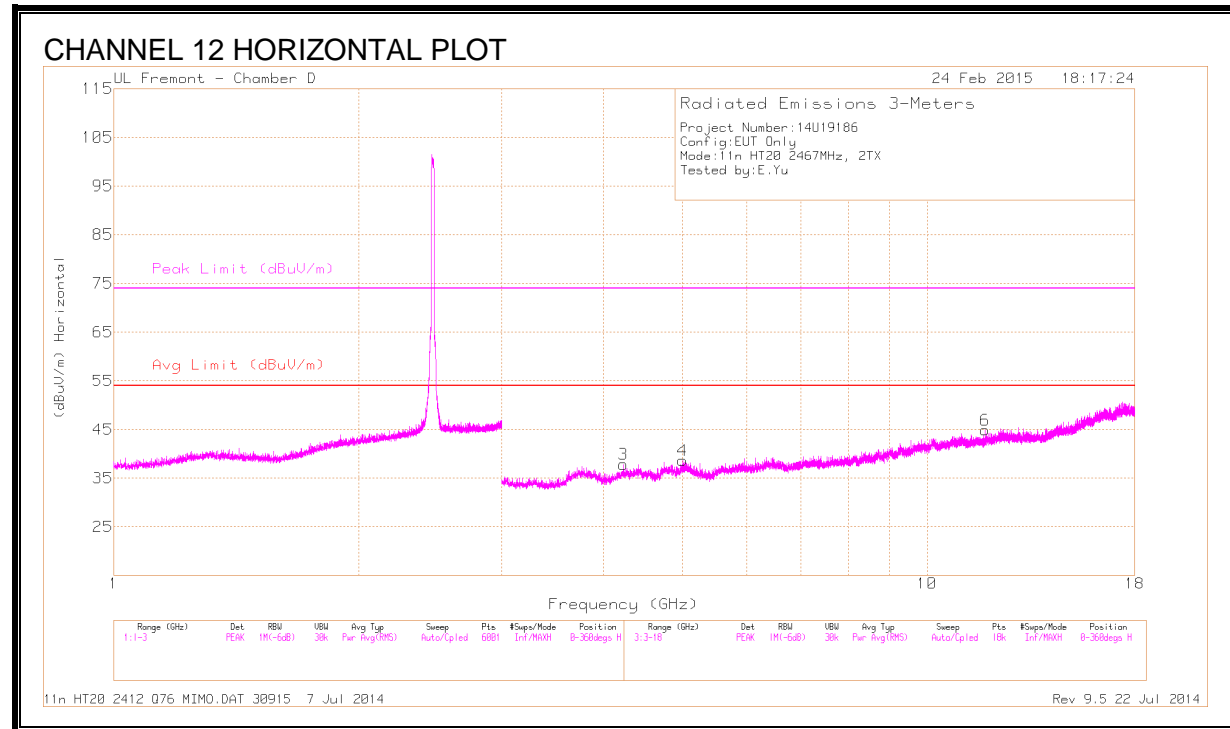
DATA

	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.449	41.34	PK2	28.4	-22	47.74	-	-	74	-26.26	0	205	V
	* 1.451	30.13	MAv1	28.4	-22	36.53	54	-17.47	-	-	0	205	V
2	* 3.689	38.89	PK2	33.2	-29.1	42.99	-	-	74	-31.01	0	100	H
	* 3.688	28.05	MAv1	33.2	-29.1	32.15	54	-21.85	-	-	0	100	H
3	* 10.98	34.36	PK2	38	-21.3	51.06	-	-	74	-22.94	0	100	H
	* 10.98	23.36	MAv1	38	-21.3	40.06	54	-13.94	-	-	0	100	H
4	* 3.885	39.92	PK2	33.4	-28.3	45.02	-	-	74	-28.98	0	100	V
	* 3.885	27.67	MAv1	33.4	-28.3	32.77	54	-21.23	-	-	0	100	V
5	* 7.385	36.85	PK2	35.5	-25.4	46.95	-	-	74	-27.05	188	204	V
	* 7.386	25.49	MAv1	35.5	-25.4	35.59	54	-18.41	-	-	188	204	V
6	* 11.072	34.83	PK2	38	-21.2	51.63	-	-	74	-22.37	188	204	V
	* 11.072	23.41	MAv1	38	-21.2	40.21	54	-13.79	-	-	188	204	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average



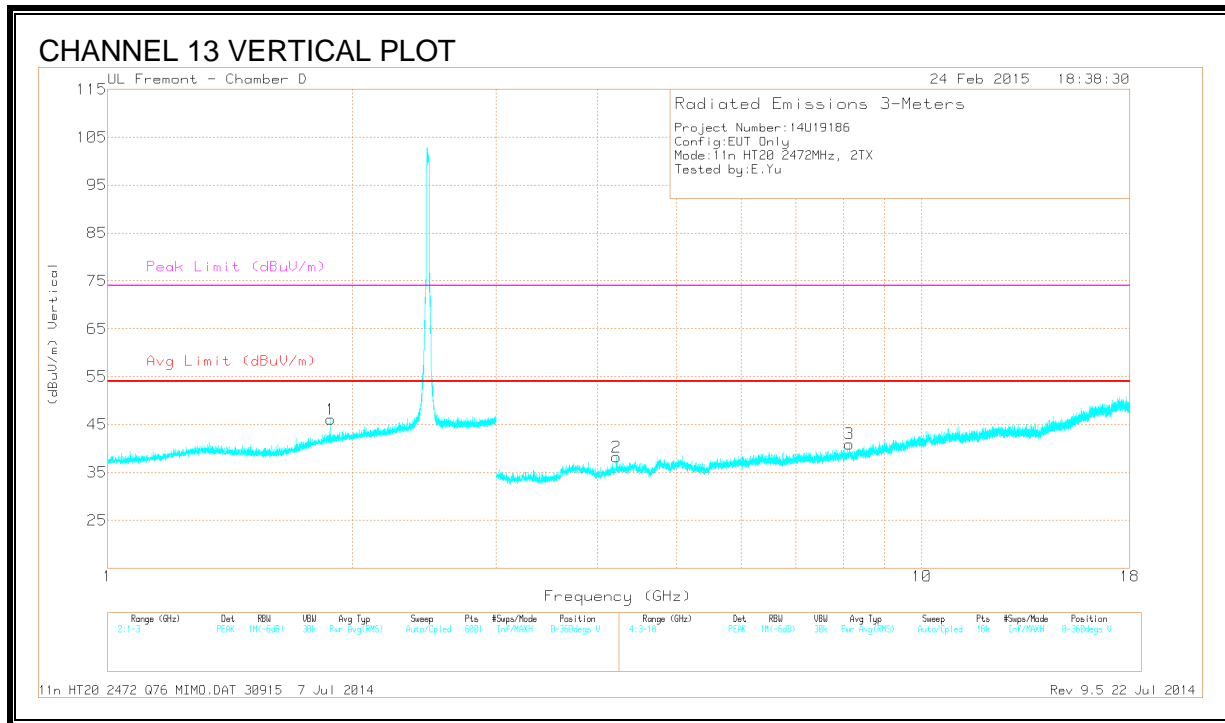
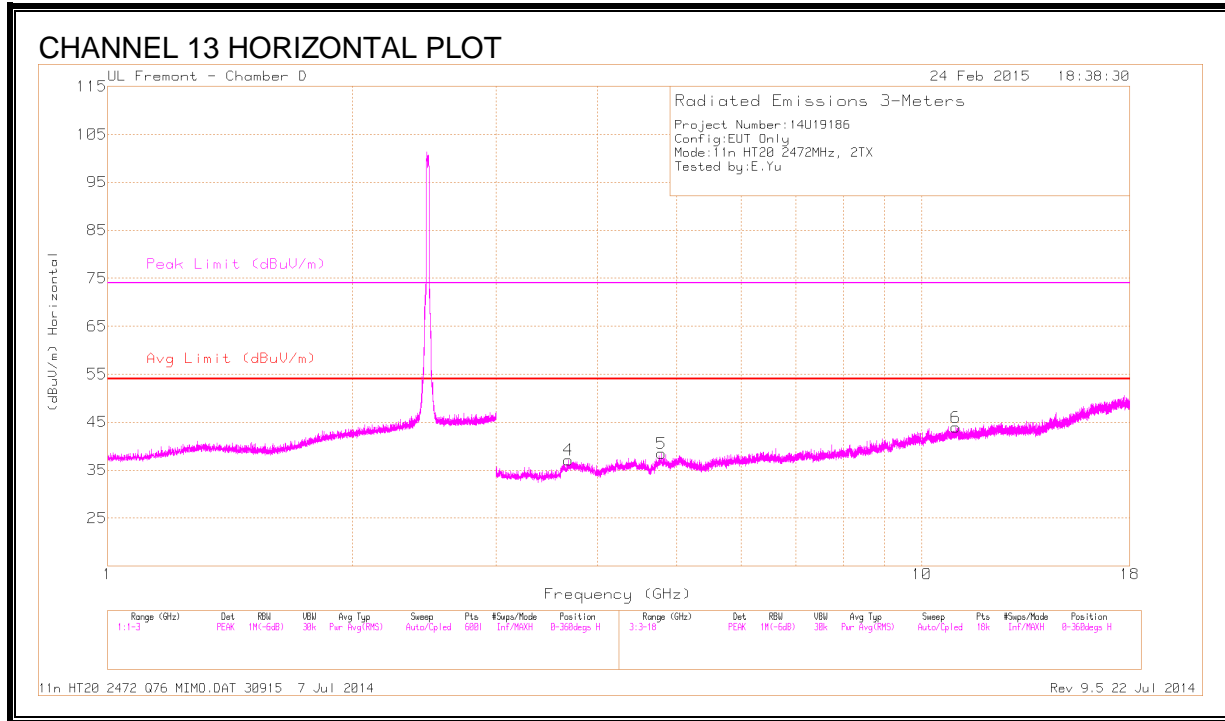
DATA

	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.277	41.82	PK2	28.8	-22.3	48.32	-	-	74	-25.68	360	100	V
	* 1.276	30.39	MAv1	28.8	-22.3	36.89	54	-17.11	-	-	360	100	V
4	* 5.005	37.85	PK2	34.3	-26.9	45.25	-	-	74	-28.75	360	100	H
	* 5.005	26.42	MAv1	34.3	-26.9	33.82	54	-20.18	-	-	360	100	H
3	* 4.228	37.94	PK2	33.5	-27.5	43.94	-	-	74	-30.06	360	100	H
	* 4.229	26.71	MAv1	33.5	-27.5	32.71	54	-21.29	-	-	360	100	H
6	* 11.777	34.56	PK2	38.2	-21.3	51.46	-	-	74	-22.54	360	100	H
	* 11.778	23.47	MAv1	38.2	-21.3	40.37	54	-13.63	-	-	360	100	H
5	* 7.385	41.53	PK2	35.5	-25.4	51.63	-	-	74	-22.37	346	205	V
	* 7.401	30.51	MAv1	35.5	-25.1	40.91	54	-13.09	-	-	346	205	V
2	1.88	42.16	PK2	30.6	-21.4	51.36	-	-	-	-	360	100	V
	1.88	30.48	MAv1	30.6	-21.4	39.68	-	-	-	-	360	100	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average



DATA

	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 3.682	39.09	PK2	33.2	-29.1	43.19	-	-	74	-30.81	360	100	H
	* 3.682	27.82	MAv1	33.2	-29.1	31.92	54	-22.08	-	-	360	100	H
5	* 4.791	38.52	PK2	34.1	-26.7	45.92	-	-	74	-28.08	360	204	H
	* 4.79	26.31	MAv1	34.1	-26.7	33.71	54	-20.29	-	-	360	204	H
6	* 10.999	34.39	PK2	38.1	-21.2	51.29	-	-	74	-22.71	360	204	H
	* 11	23.39	MAv1	38.1	-21.2	40.29	54	-13.71	-	-	360	204	H
2	* 4.215	38.42	PK2	33.5	-27.6	44.32	-	-	74	-29.68	360	204	V
	* 4.215	26.79	MAv1	33.5	-27.6	32.69	54	-21.31	-	-	360	204	V
3	* 8.142	36.06	PK2	35.6	-23.1	48.56	-	-	74	-25.44	360	100	V
	* 8.142	24.29	MAv1	35.6	-23.1	36.79	54	-17.21	-	-	360	100	V
1	1.881	41.57	PK2	30.6	-21.4	50.77	-	-	-	-	110	291	V
	1.881	29.7	MAv1	30.6	-21.4	38.9	-	-	-	-	110	291	V

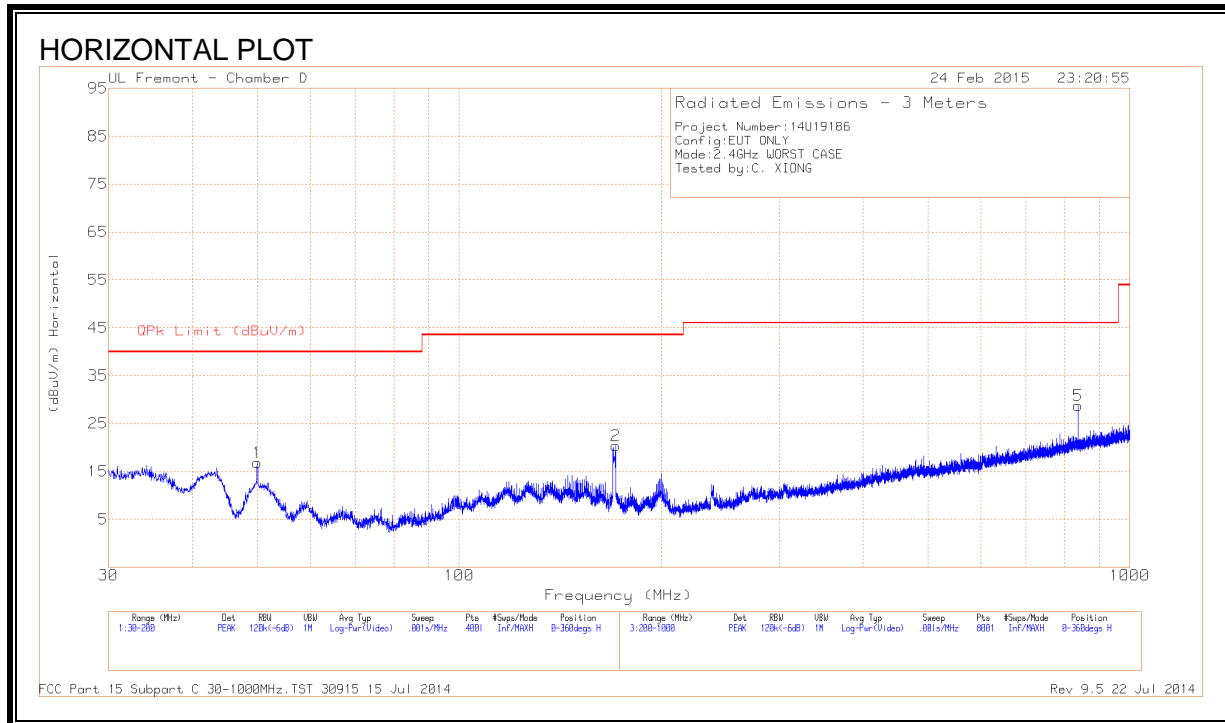
* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

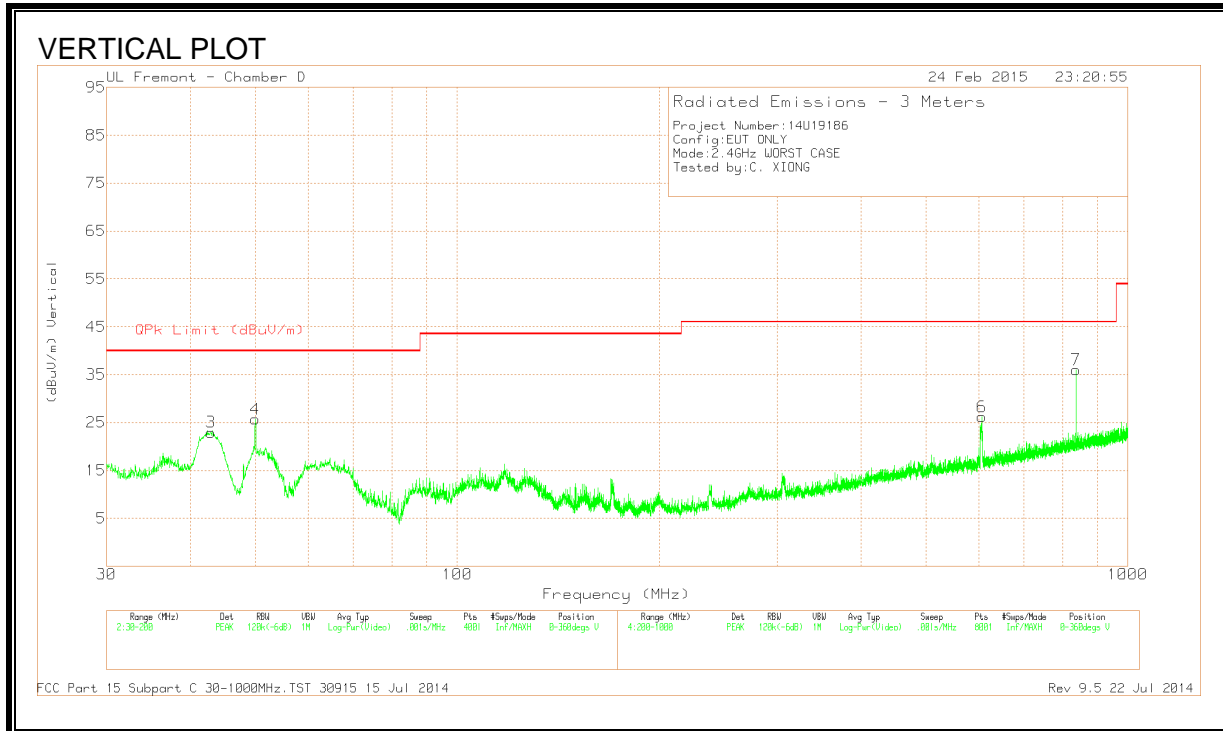
MAv1 - KDB558074 Option 1 Maximum RMS Average

9.5. WORST-CASE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL)



SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, VERTICAL)



DATA

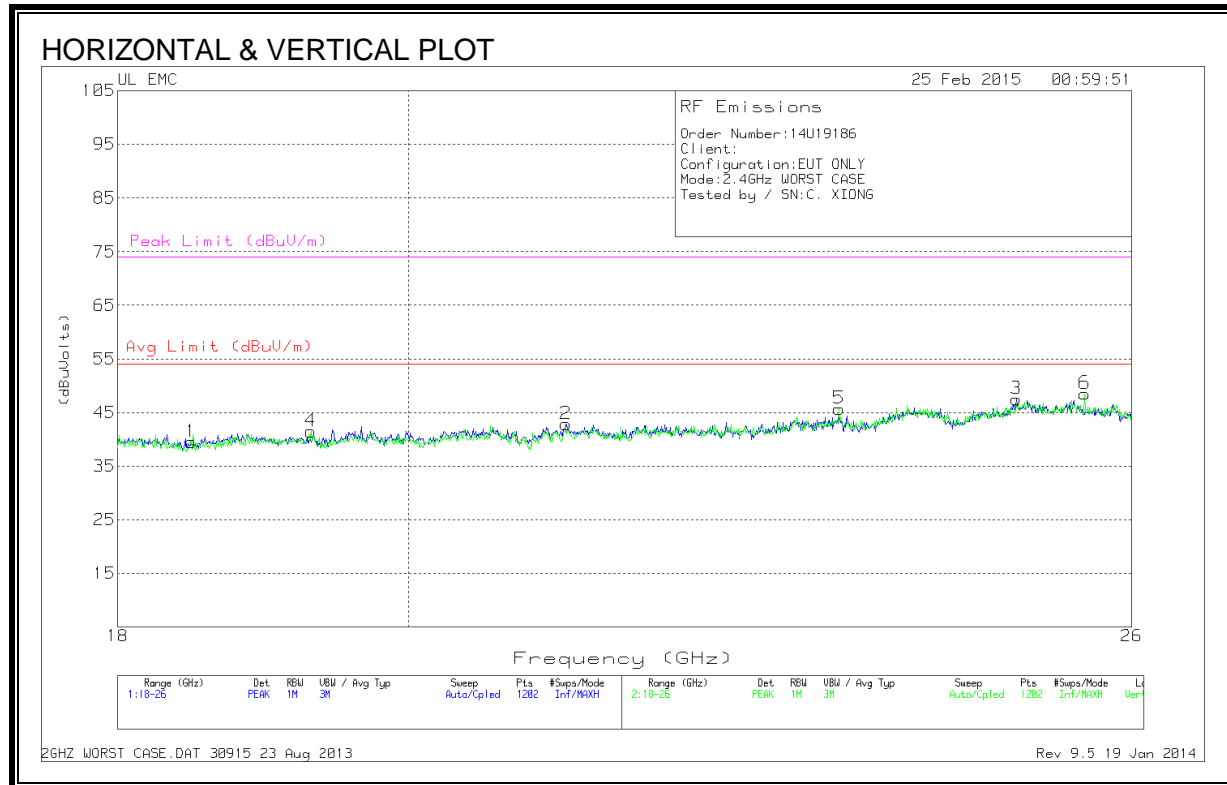
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Hybrid	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 171.015	39.68	PK	11.7	-31	20.38	43.52	-23.14	0-360	103	H
3	42.92	42.9	PK	11.9	-31.8	23	40	-17	0-360	100	V
1	50.0175	40.64	PK	7.9	-31.7	16.84	40	-23.16	0-360	301	H
4	50.0175	49.53	PK	7.9	-31.7	25.73	40	-14.27	0-360	100	V
6	605.4	37.29	PK	18.5	-29.6	26.19	46.02	-19.83	0-360	201	V
5	836.6	35.78	PK	21.8	-28.8	28.78	46.02	-17.24	0-360	99	H
7	836.6	43.07	PK	21.8	-28.8	36.07	46.02	-9.95	0-360	100	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

9.6. WORST-CASE ABOVE 18 GHz

SPURIOUS EMISSIONS 18000 TO 26000 MHz (WORST-CASE CONFIGURATION)



HORIZONTAL AND VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T89 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	18.486	41.1	PK	32.5	-24.6	-9.5	39.5	54	-14.5	74	-34.5
2	21.177	42.53	PK	33.3	-23.5	-9.5	42.833	54	-11.166	74	-31.166
3	24.934	45.1	PK	34.5	-22.6	-9.5	47.5	54	-6.5	74	-26.5
4	19.306	42.1	PK	32.8	-23.9	-9.5	41.5	54	-12.5	74	-32.5
5	23.382	43.77	PK	34	-22.6	-9.5	45.666	54	-8.333	74	-28.333
6	25.56	46.7	PK	34.7	-23.4	-9.5	48.5	54	-5.5	74	-25.5

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

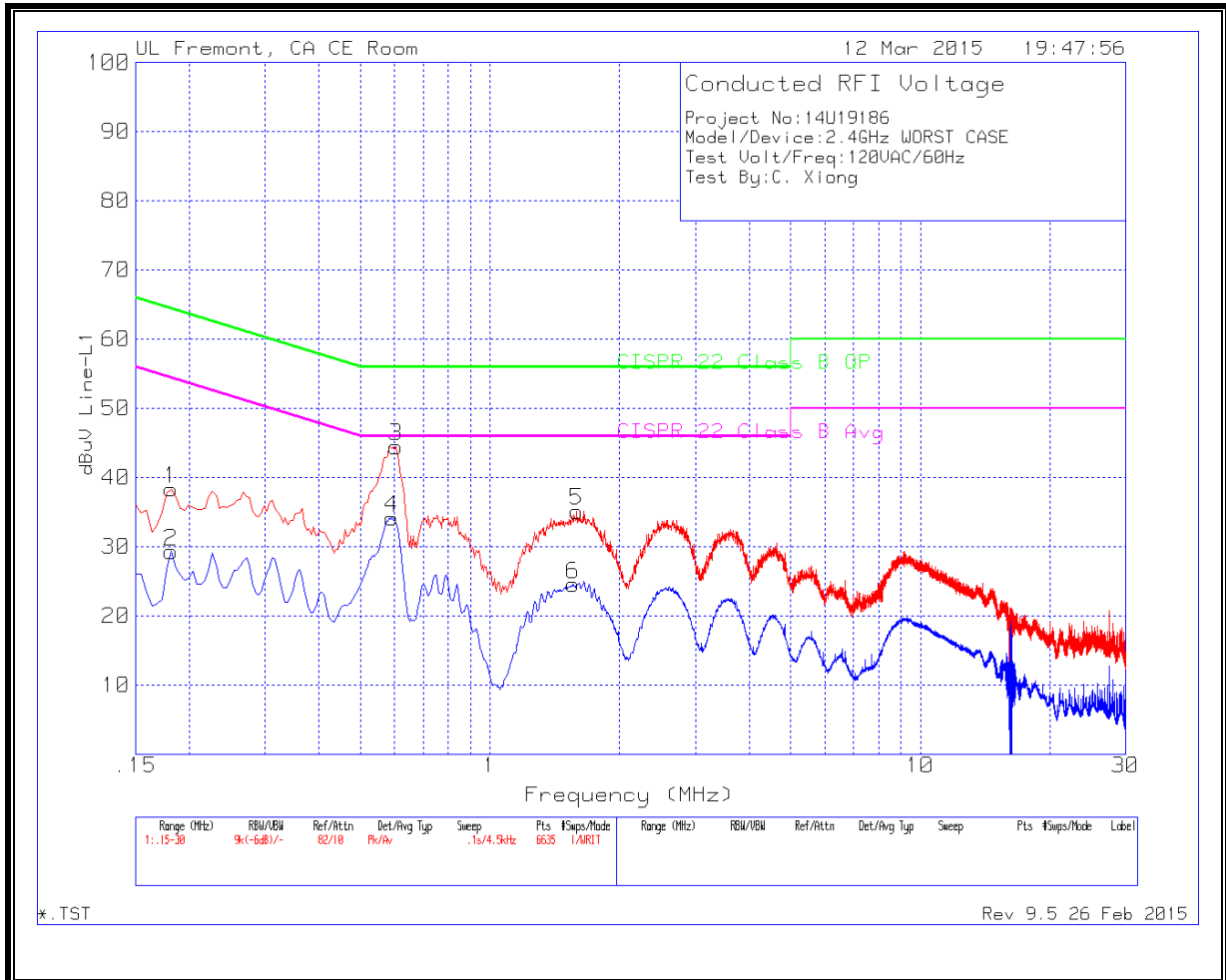
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

LINE 1 RESULTS



WORST EMISSIONS

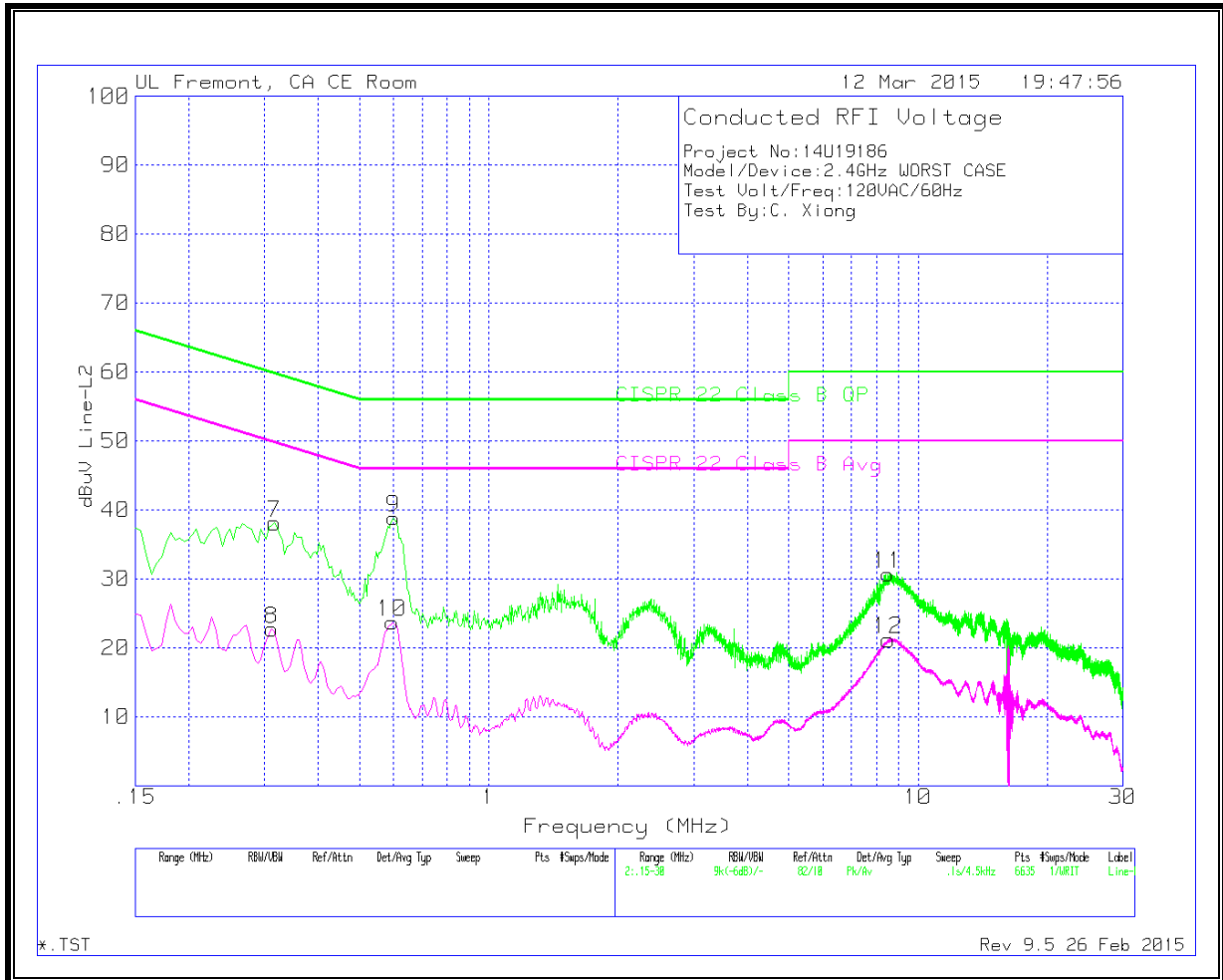
Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.1815	37.24	Pk	1.1	0	38.34	64.42	-26.08	54.42	-16.08
2	.1815	28.2	Av	1.1	0	29.3	64.42	-35.12	54.42	-25.12
3	.6045	44.2	Pk	.3	0	44.5	56	-11.5	46	-1.5
4	.591	33.87	Av	.3	0	34.17	56	-21.83	46	-11.83
5	1.59	34.85	Pk	.2	.1	35.15	56	-20.85	46	-10.85
6	1.5585	24.29	Av	.2	.1	24.59	56	-31.41	46	-21.41

Pk - Peak detector

Av - Average detection

LINE 2 RESULTS



WORST EMISSIONS

Line-L2 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
7	.3165	37.53	Pk	.6	0	38.13	59.8	-21.67	49.8	-11.67
8	.312	22.13	Av	.6	0	22.73	59.92	-37.19	49.92	-27.19
9	.6	38.56	Pk	.3	0	38.86	56	-17.14	46	-7.14
10	.5955	23.43	Av	.3	0	23.73	56	-32.27	46	-22.27
11	8.511	30.4	Pk	.2	.1	30.7	60	-29.3	50	-19.3
12	8.52	20.88	Av	.2	.1	21.18	60	-38.82	50	-28.82

Pk - Peak detector

Av - Average detection