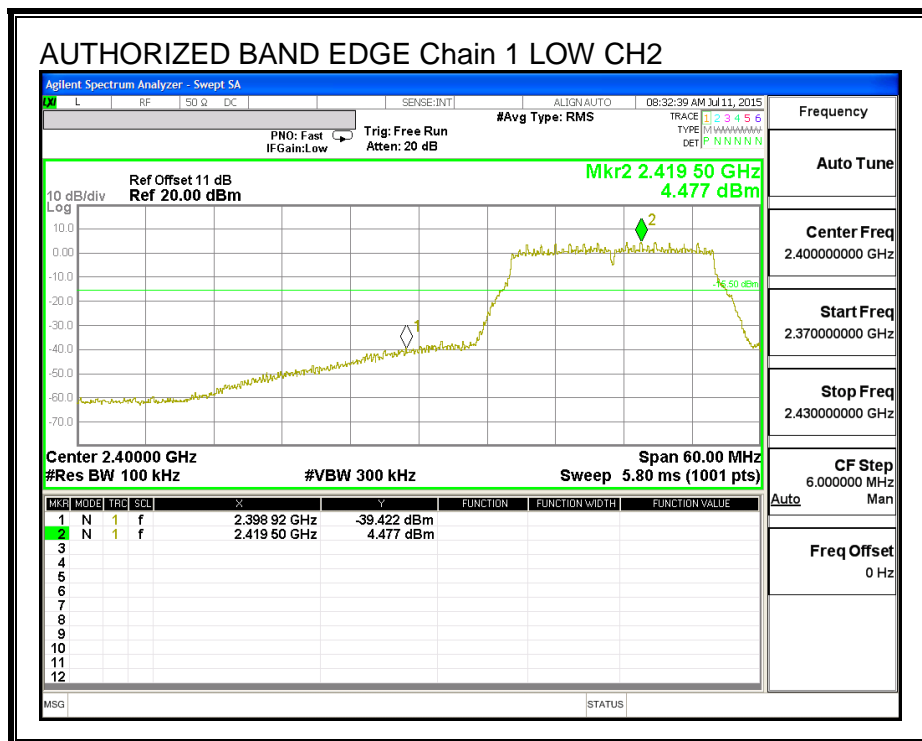
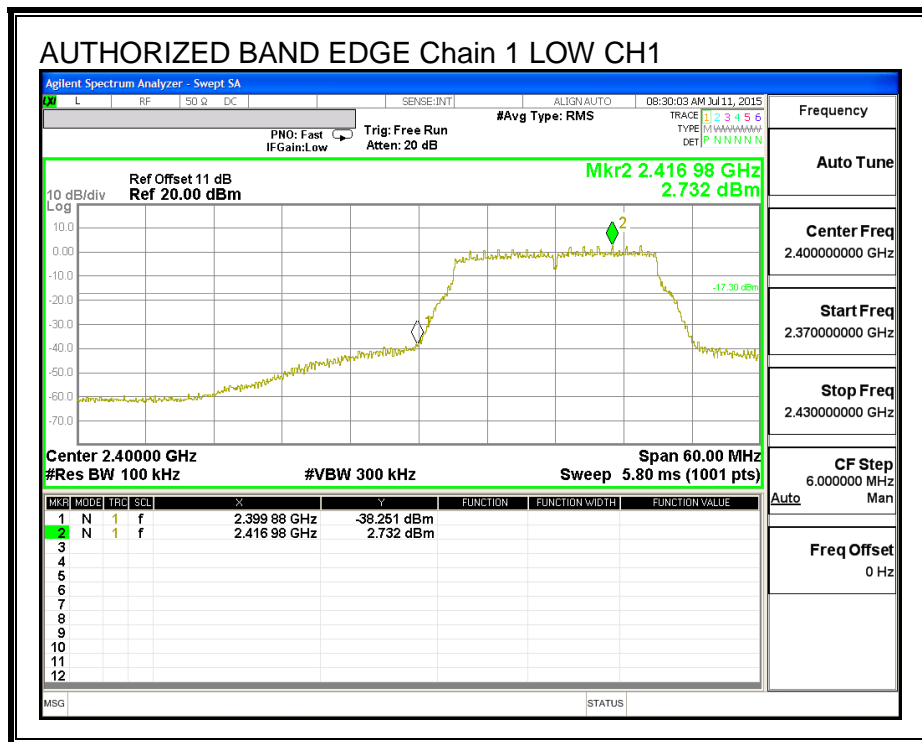
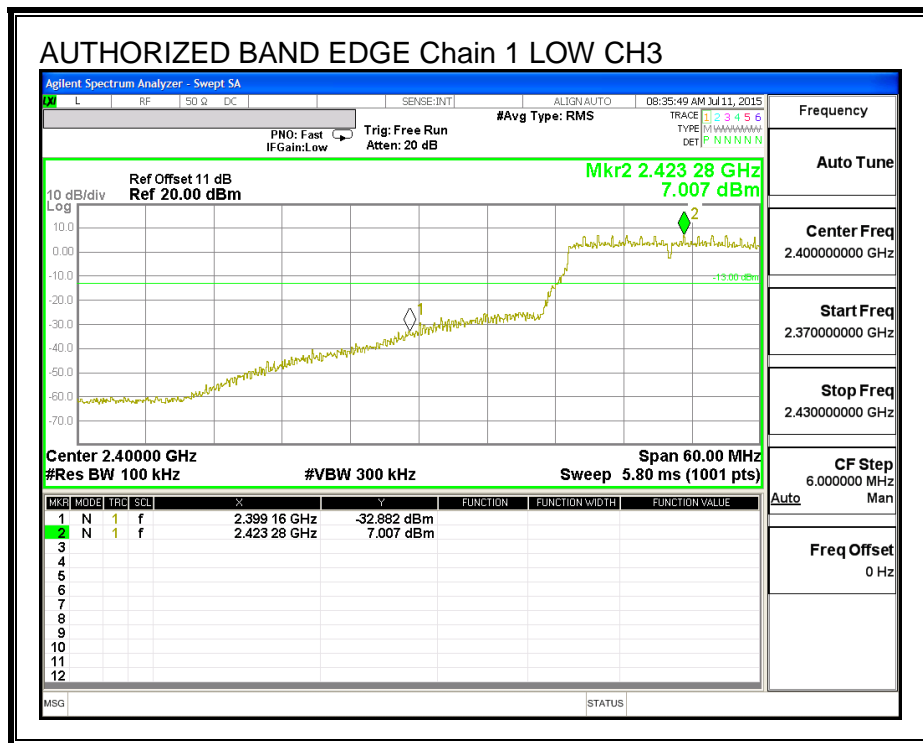
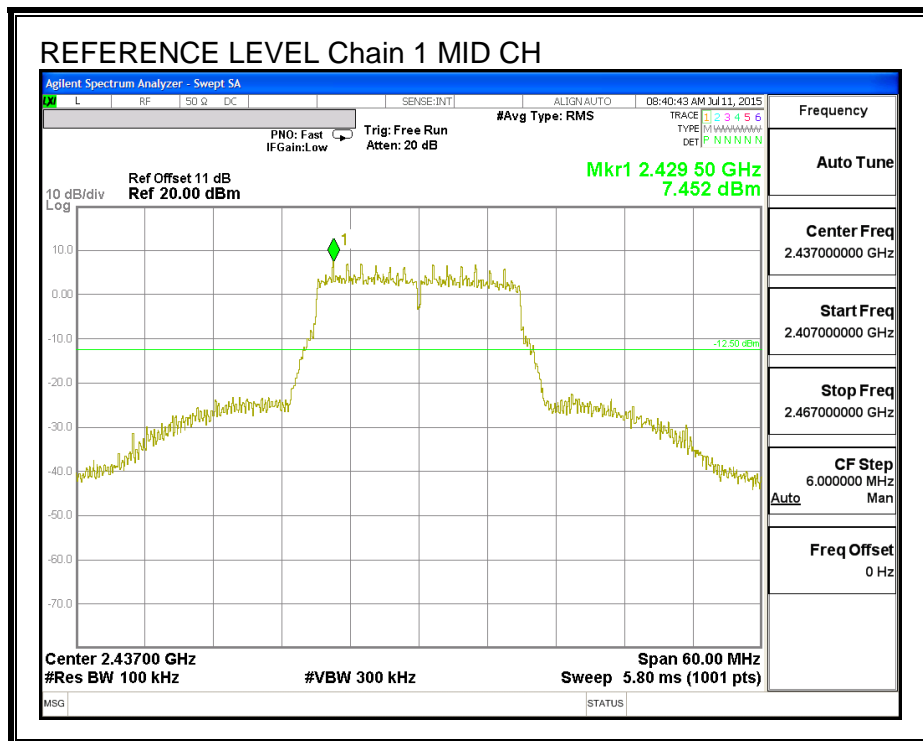


LOW CHANNEL BANDEDGE, Chain 1

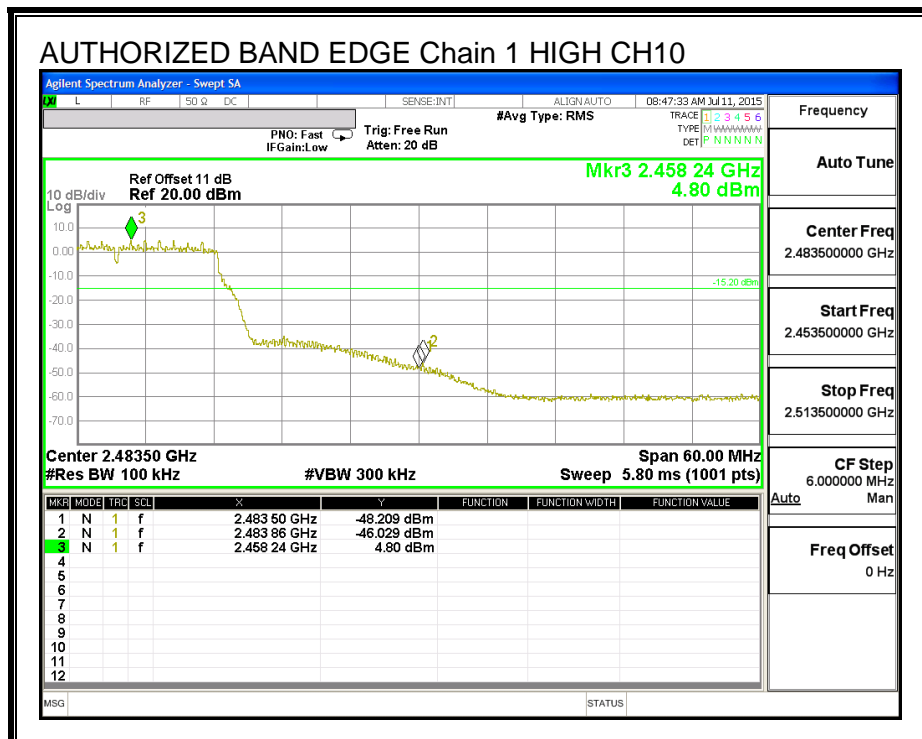
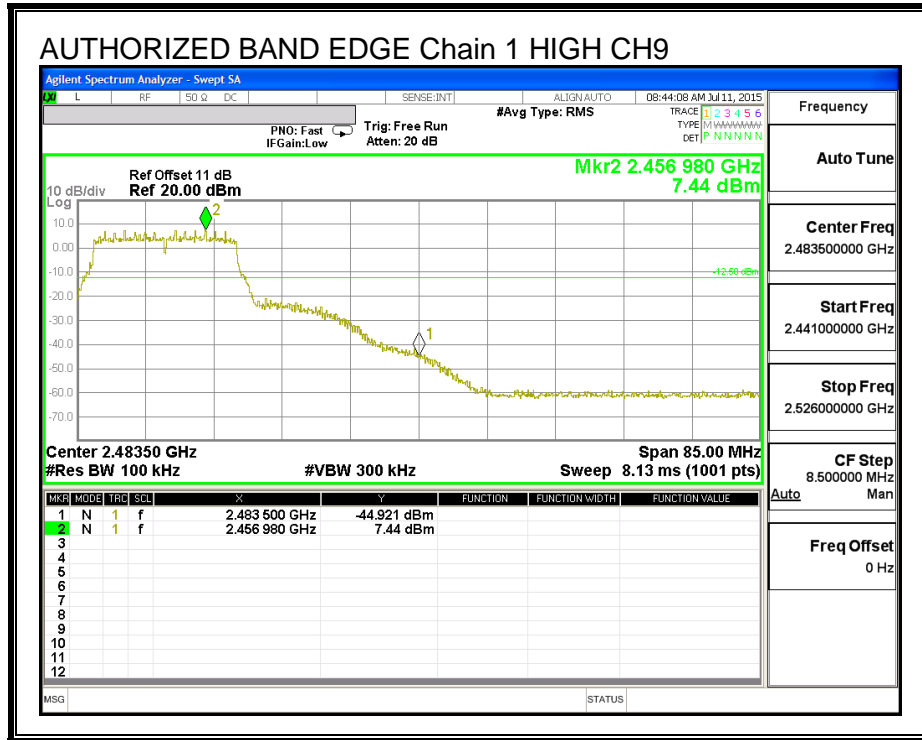


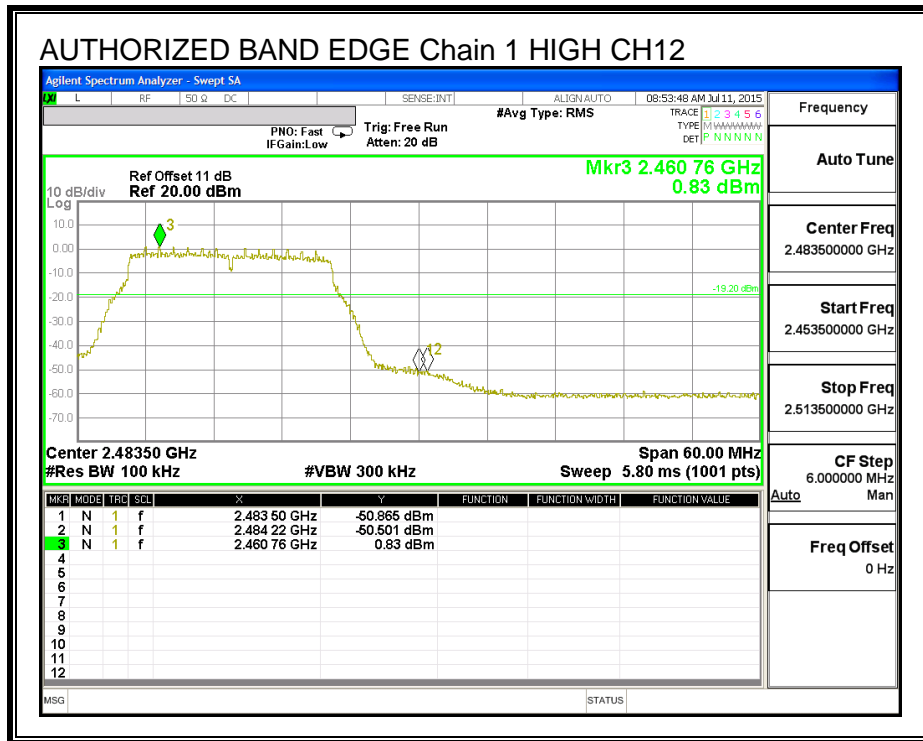
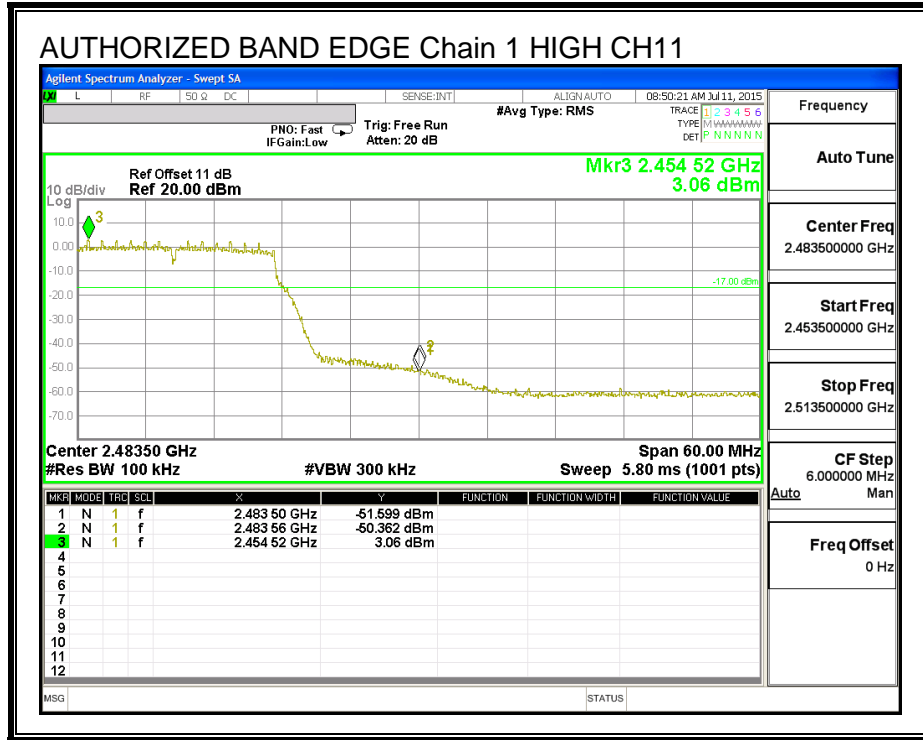


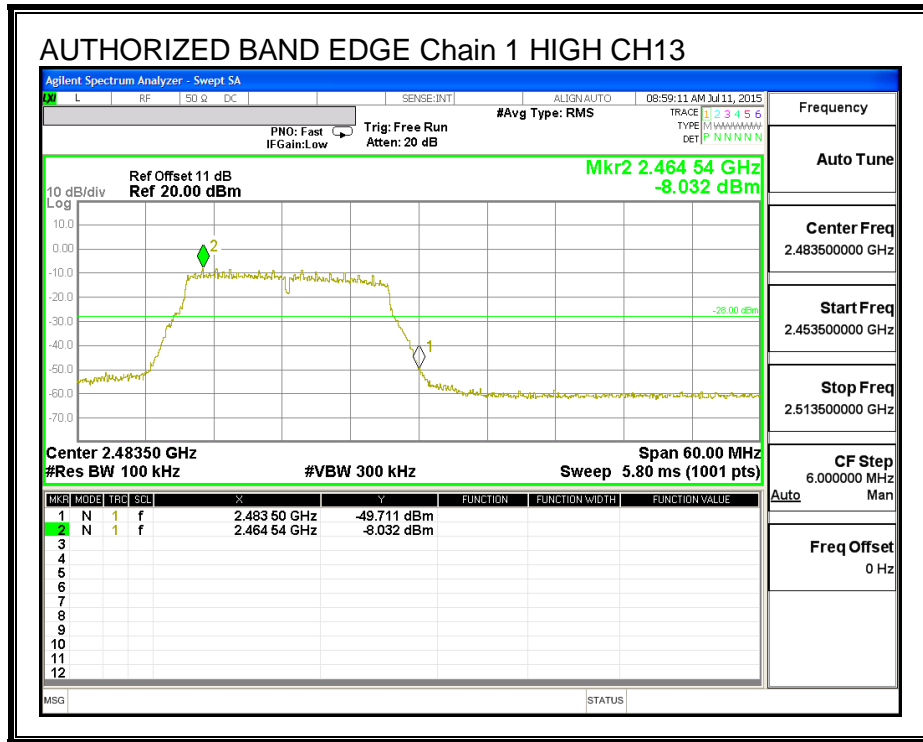
MID CHANNEL BANDEDGE, Chain 1



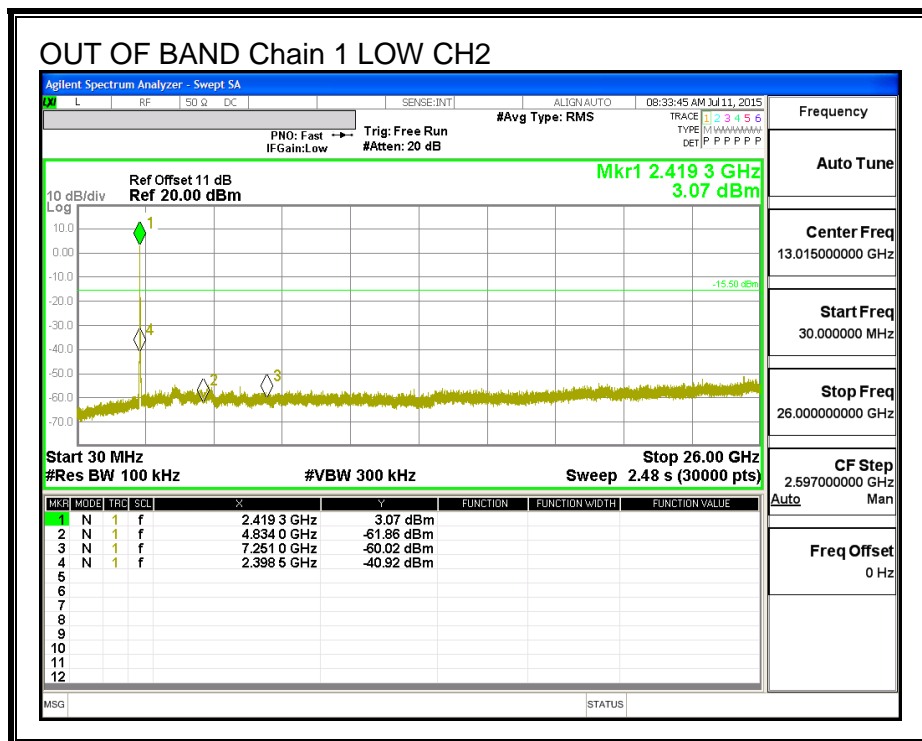
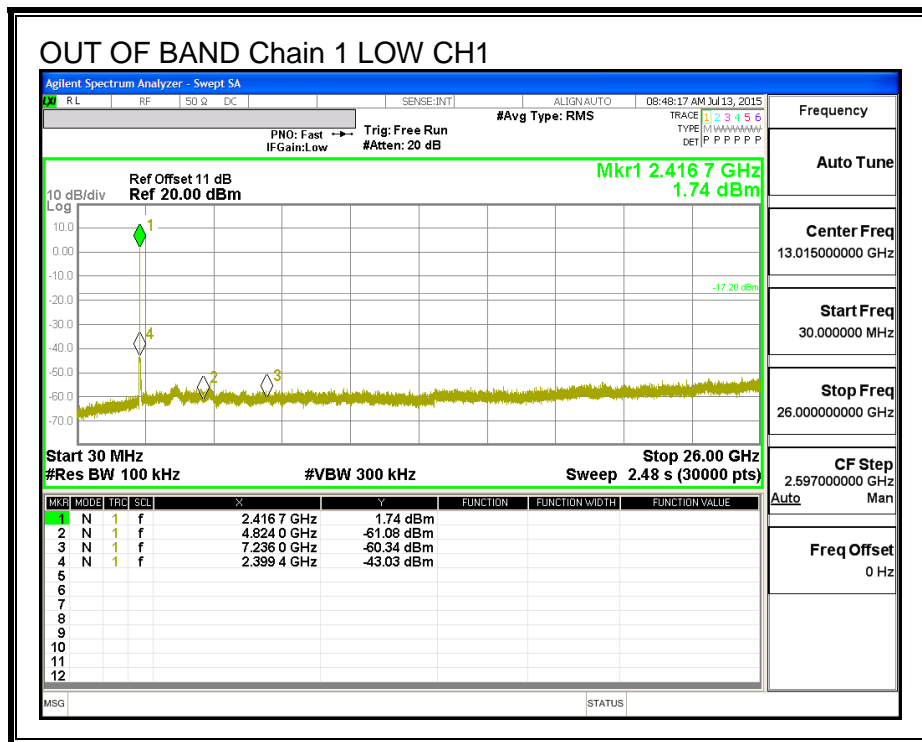
HIGH CHANNEL BANDEDGE, Chain 1

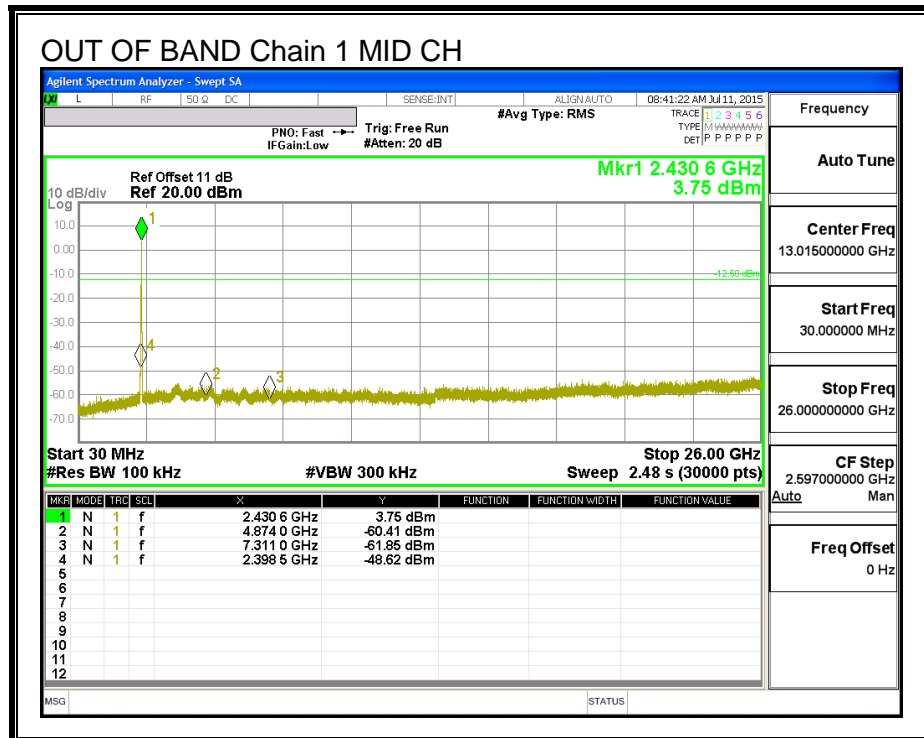
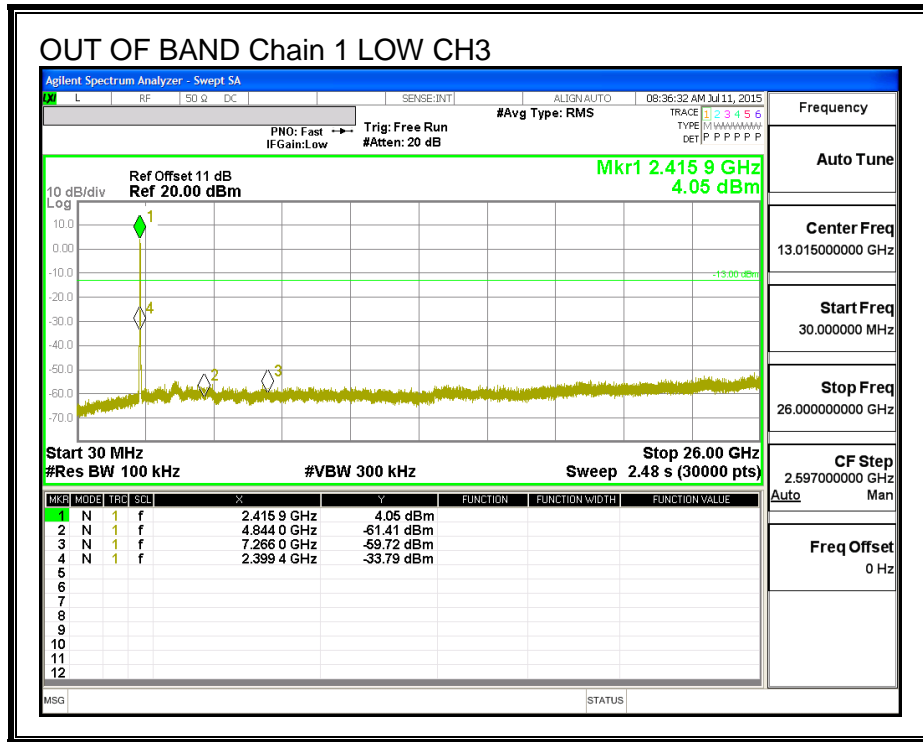


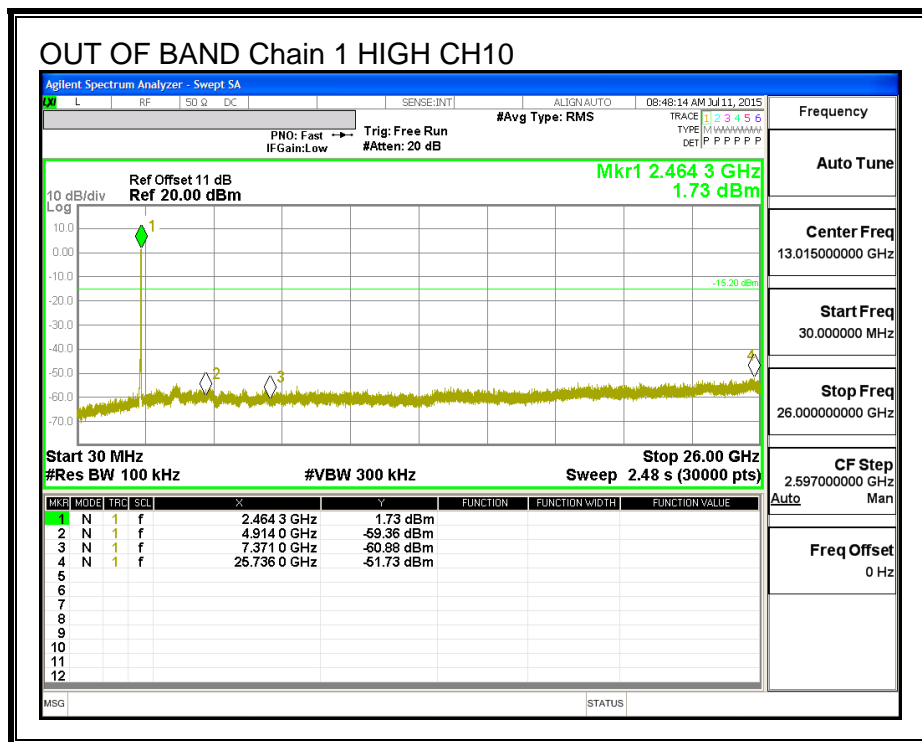
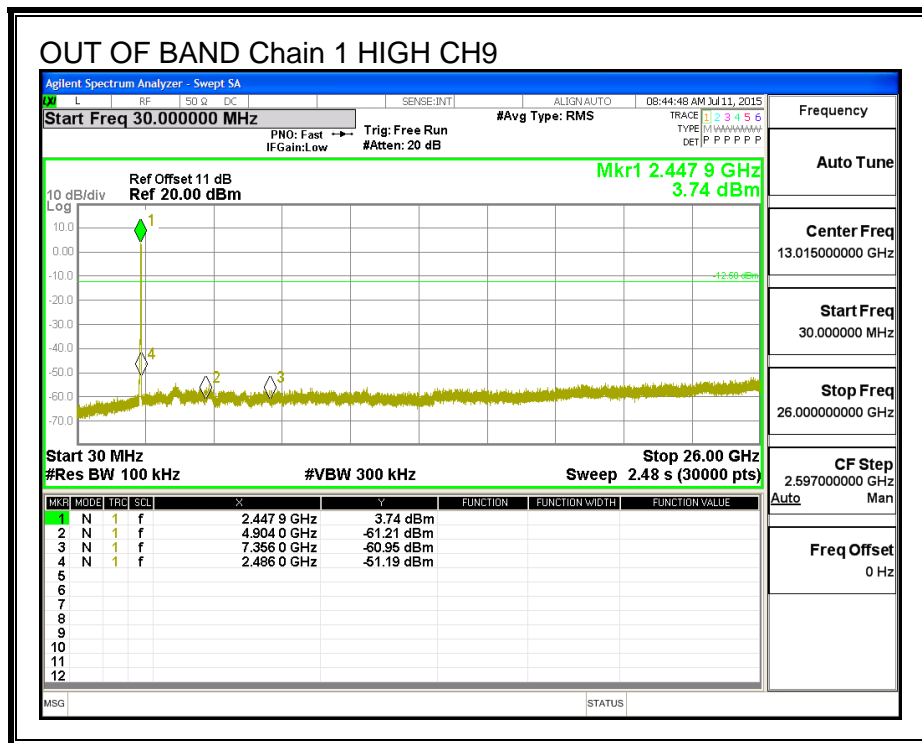


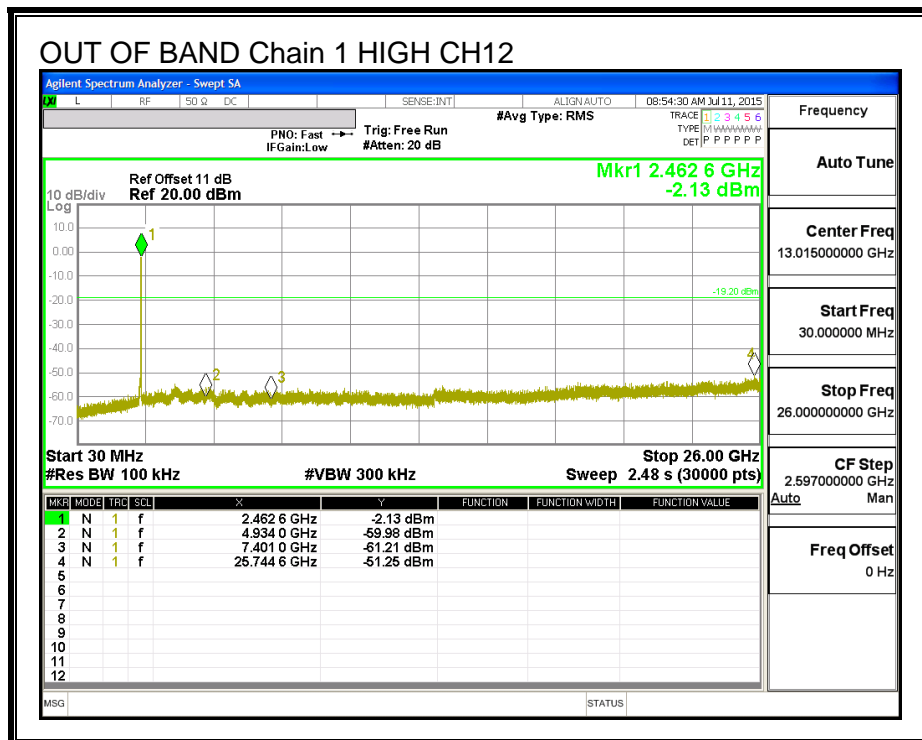
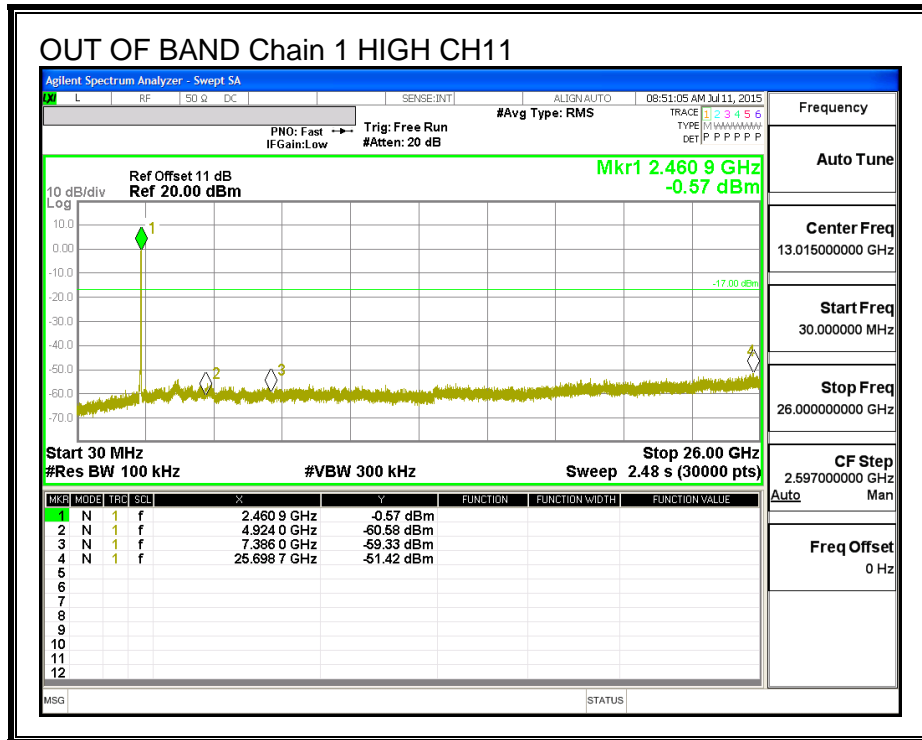


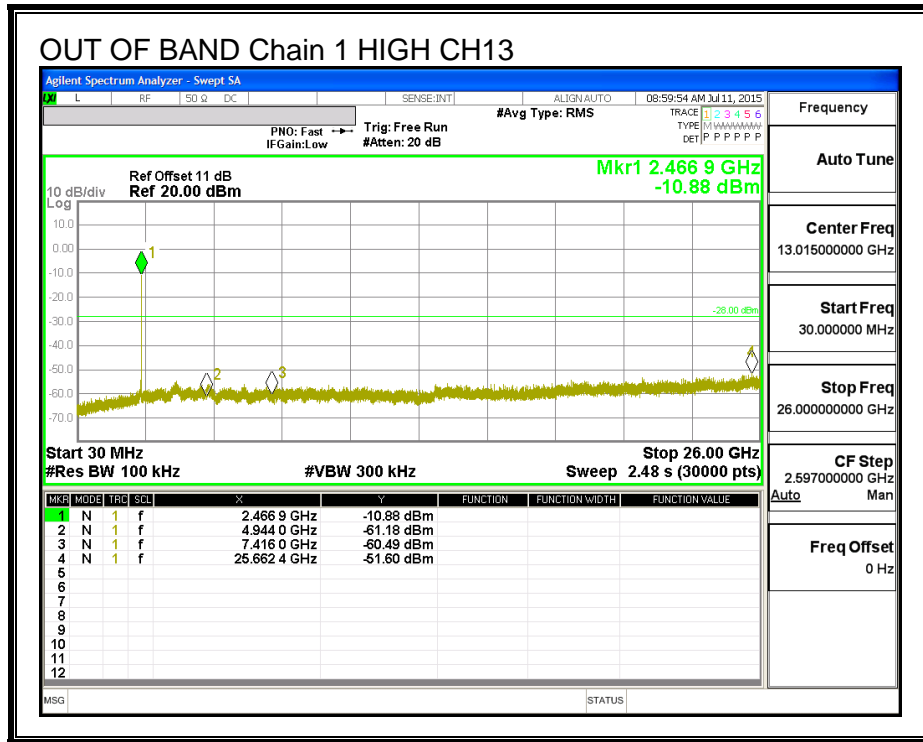
OUT-OF-BAND EMISSIONS, Chain 1











10. RADIATED TEST RESULTS (MODEL: A1634)

10.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

IC RSS-GEN, Section 8.9 and 8.10.

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

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

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

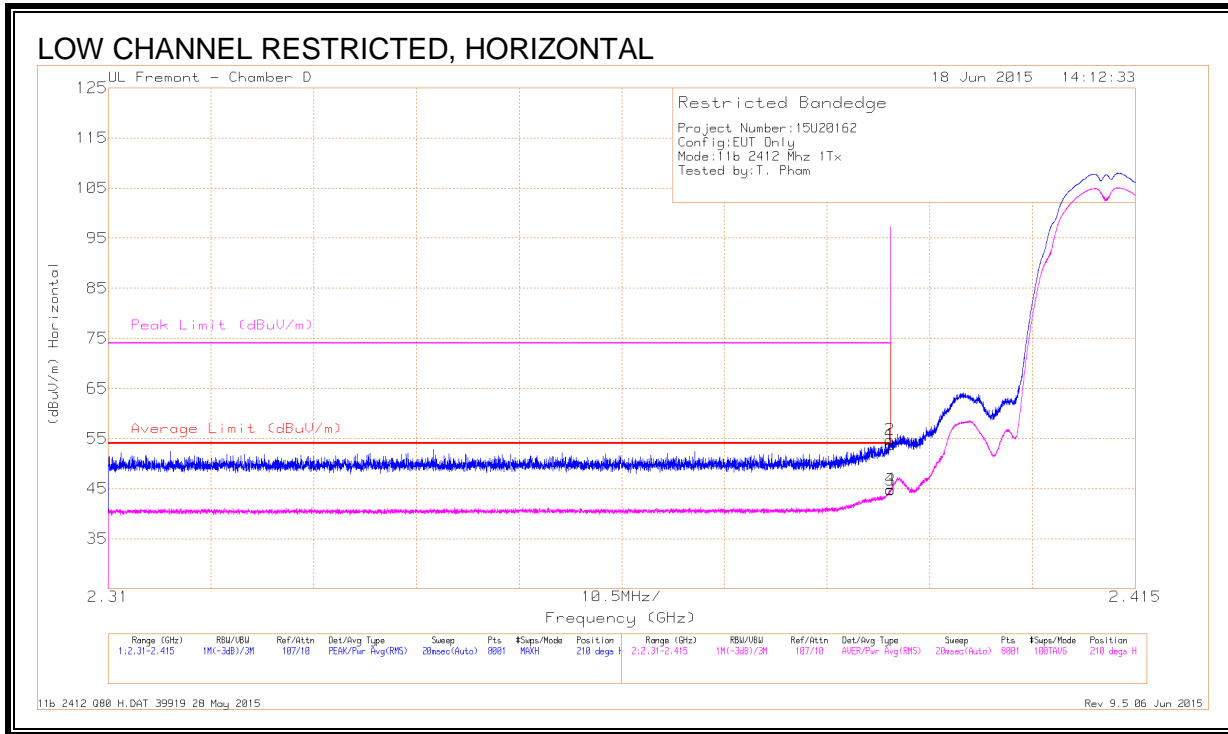
For 2.4 GHz band, the spectrum from 30 MHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in the 2.4 GHz band.

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

10.2. TRANSMITTER ABOVE 1 GHz

10.2.1. 802.11b 1Tx MODE IN THE 2.4 GHz BAND Chain 0

RESTRICTED BANDEGE (LOW CHANNEL, CH 1)



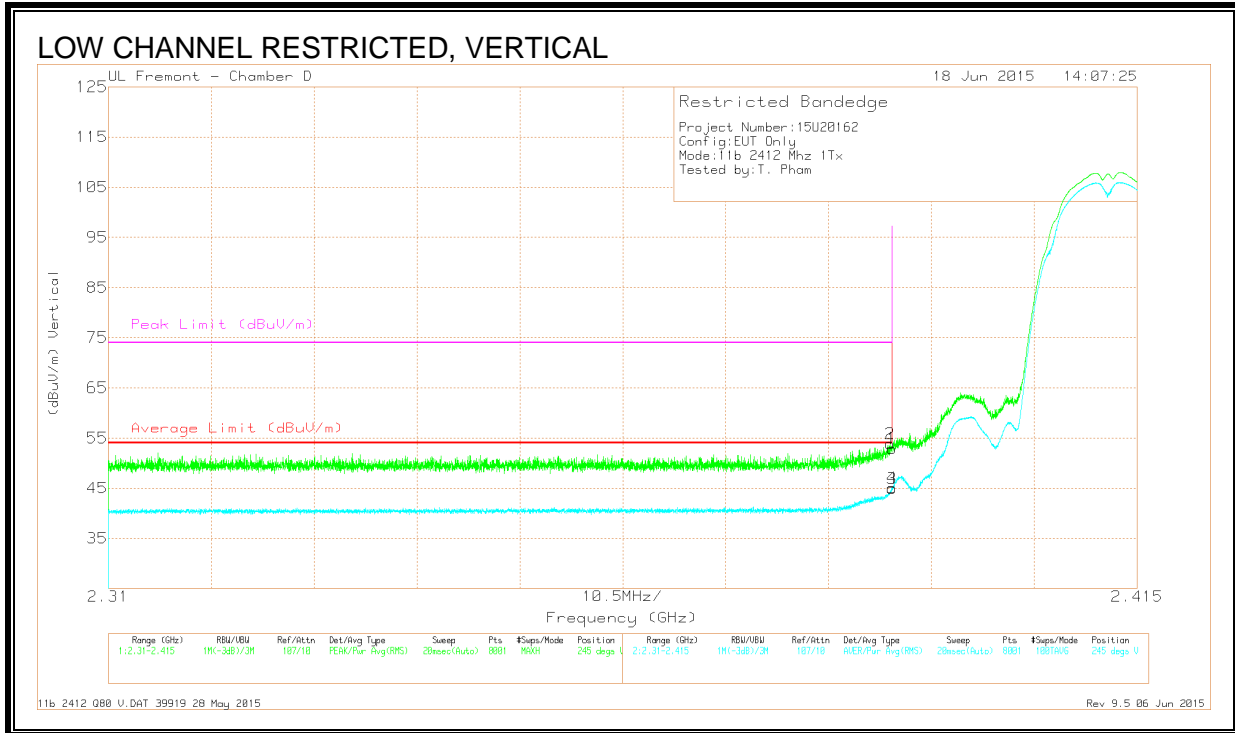
DATA

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	* 2.39	42.39	Pk	32.1	-20.7	53.79	-	-	74	-20.21	210	144	H
2	* 2.39	43.38	Pk	32.1	-20.7	54.78	-	-	74	-19.22	210	144	H
3	* 2.39	33.33	RMS	32.1	-20.7	44.73	54	-9.27	-	-	210	144	H
4	* 2.39	33.47	RMS	32.1	-20.7	44.87	54	-9.13	-	-	210	144	H

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

Pk - Peak detector

RMS - RMS detection



DATA

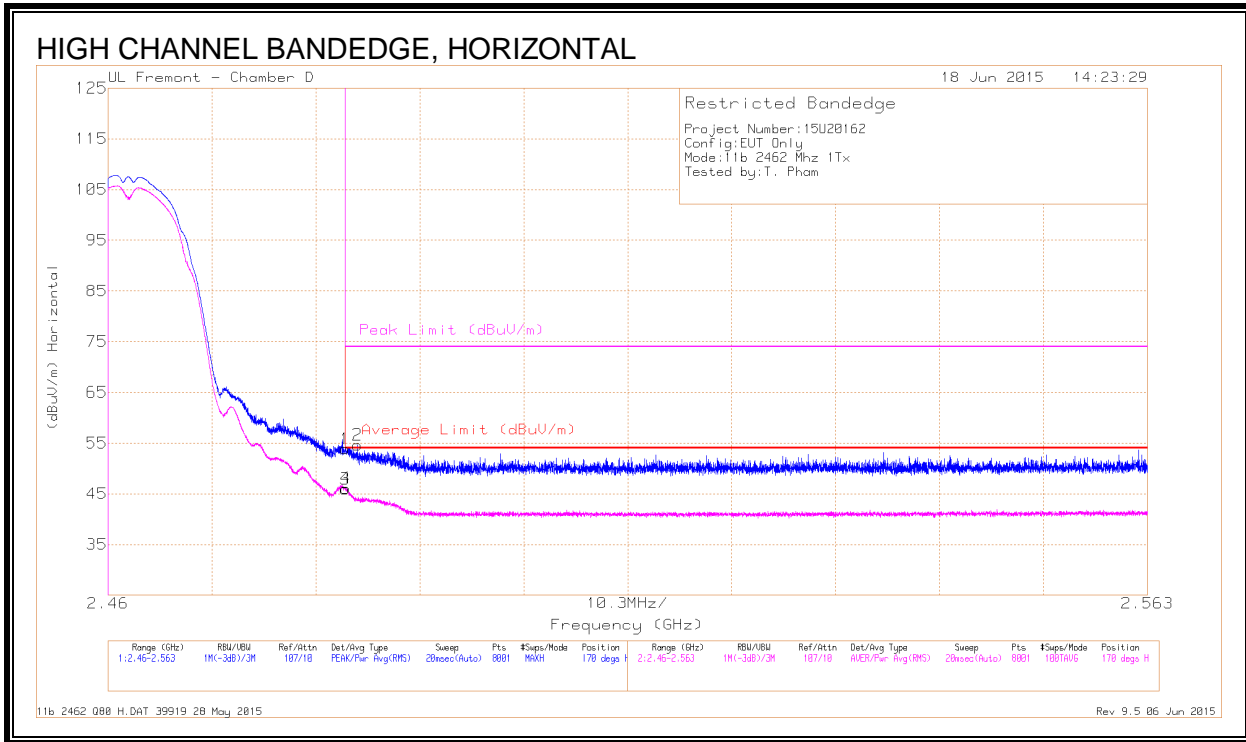
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.54	Pk	32.1	-20.7	52.94	-	-	74	-21.06	245	284	V
2	* 2.39	42.46	Pk	32.1	-20.7	53.86	-	-	74	-20.14	245	284	V
3	* 2.39	33.54	RMS	32.1	-20.7	44.94	54	-9.06	-	-	245	284	V
4	* 2.39	33.65	RMS	32.1	-20.7	45.05	54	-8.95	-	-	245	284	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 11)



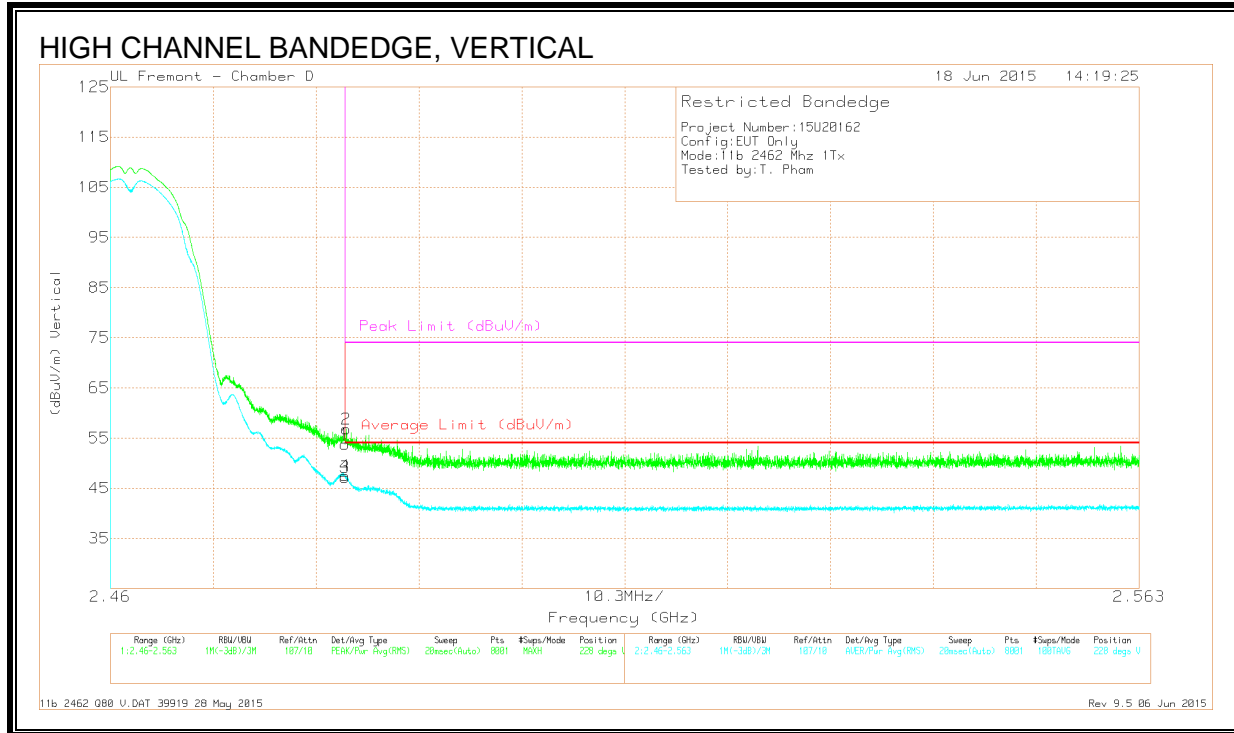
DATA

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	42.46	Pk	32.2	-20.8	53.86	-	-	74	-20.14	170	261	H
2	* 2.485	43.22	Pk	32.2	-20.8	54.62	-	-	74	-19.38	170	261	H
3	* 2.484	34.57	RMS	32.2	-20.8	45.97	54	-8.03	-	-	170	261	H
4	* 2.484	34.69	RMS	32.2	-20.8	46.09	54	-7.91	-	-	170	261	H

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

Pk - Peak detector

RMS - RMS detection



DATA

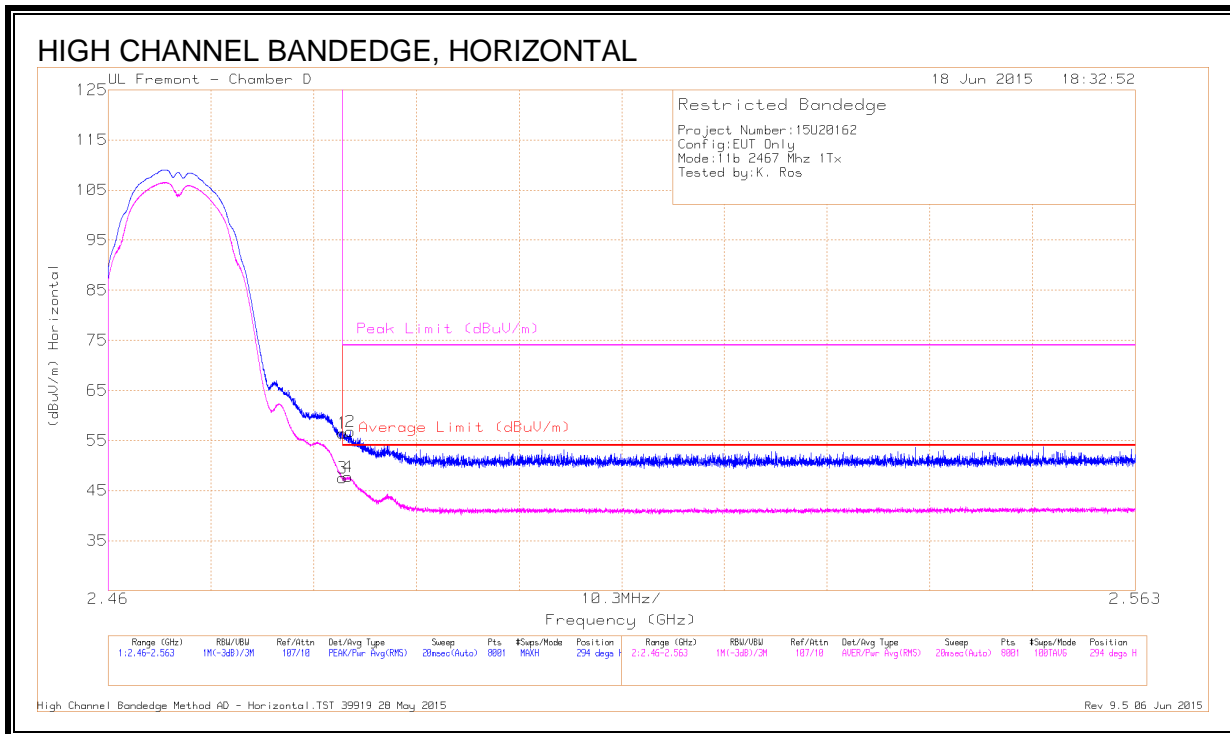
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.39	Pk	32.2	-20.8	53.79	-	-	74	-20.21	228	319	V
2	* 2.484	45.37	Pk	32.2	-20.8	56.77	-	-	74	-17.23	228	319	V
3	* 2.484	35.8	RMS	32.2	-20.8	47.2	54	-6.8	-	-	228	319	V
4	* 2.484	36.09	RMS	32.2	-20.8	47.49	54	-6.51	-	-	228	319	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 12)



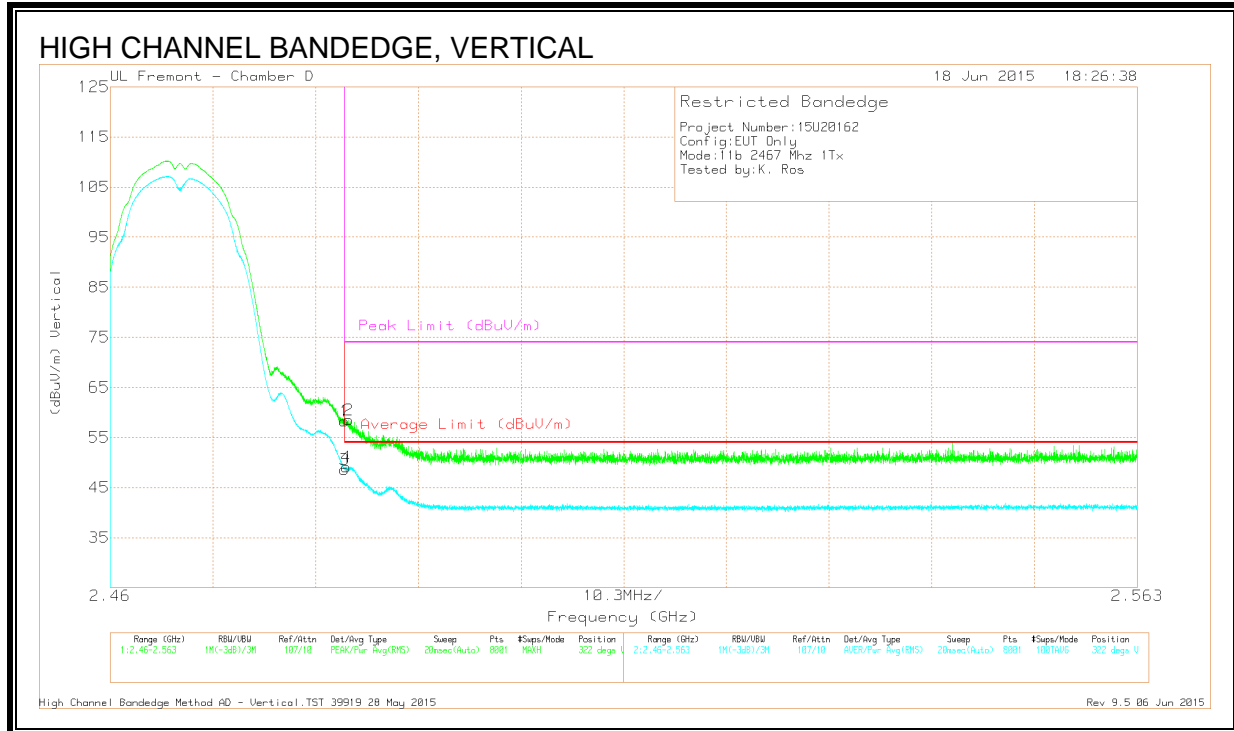
DATA

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	45.07	Pk	32.2	-20.8	56.47	-	-	74	-17.53	294	267	H
2	* 2.484	45.37	Pk	32.2	-20.8	56.77	-	-	74	-17.23	294	267	H
3	* 2.484	36.16	RMS	32.2	-20.8	47.56	54	-6.44	-	-	294	267	H
4	* 2.484	36.35	RMS	32.2	-20.8	47.75	54	-6.25	-	-	294	267	H

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

Pk - Peak detector

RMS - RMS detection



DATA

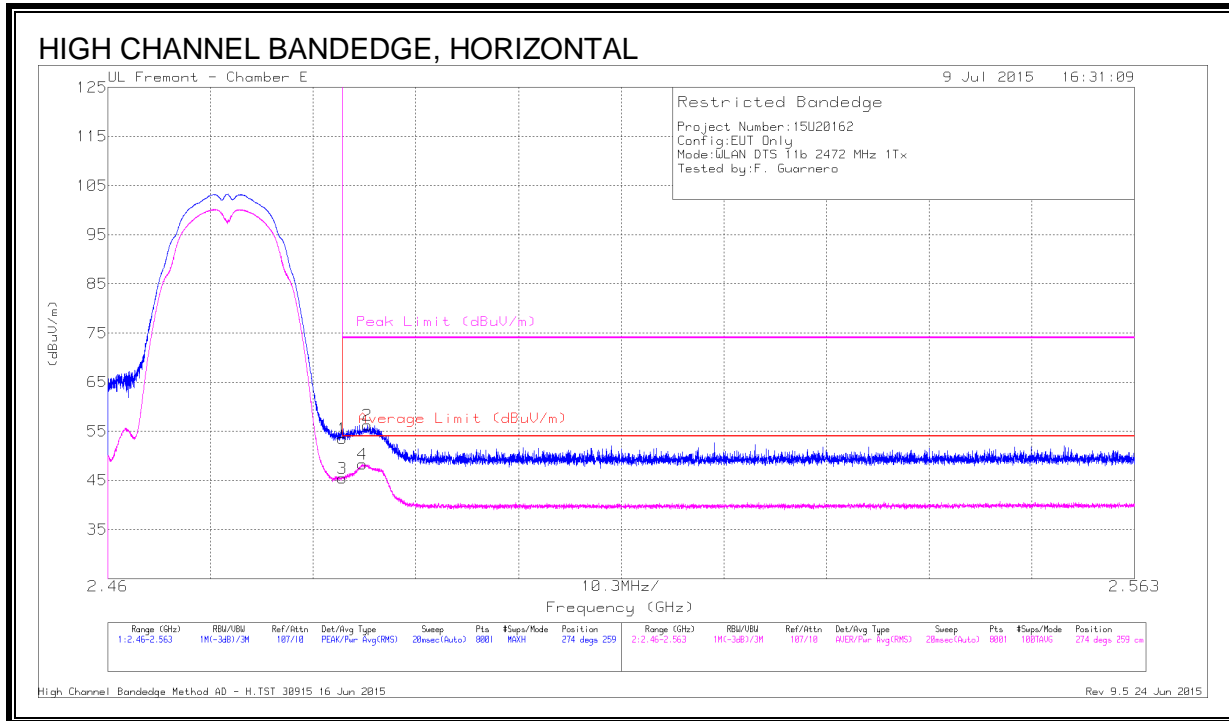
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.87	Pk	32.2	-20.8	58.27	-	-	74	-15.73	322	262	V
2	* 2.484	47.11	Pk	32.2	-20.8	58.51	-	-	74	-15.49	322	262	V
3	* 2.484	37.19	RMS	32.2	-20.8	48.59	54	-5.41	-	-	322	262	V
4	* 2.484	37.7	RMS	32.2	-20.8	49.1	54	-4.9	-	-	322	262	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 13)



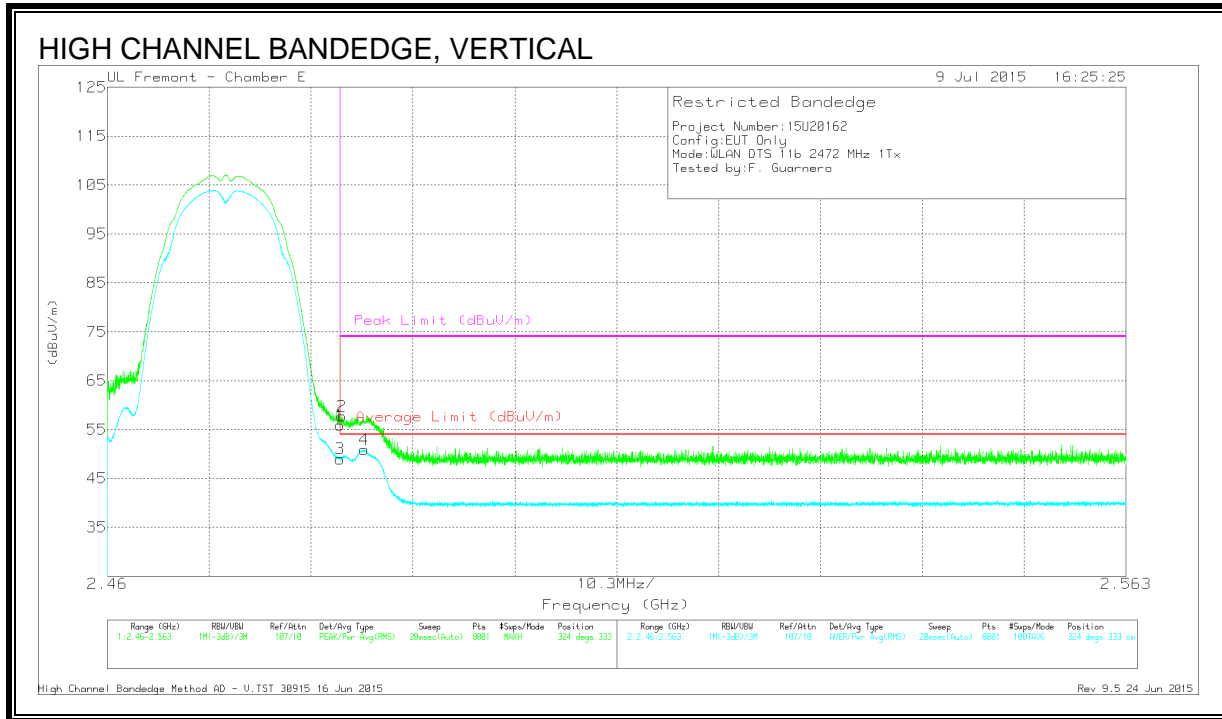
DATA

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	* 2.484	45.36	Pk	32.2	-24	53.56	-	-	74	-20.44	274	259	H
2	* 2.486	47.96	Pk	32.2	-23.9	56.26	-	-	74	-17.74	274	259	H
3	* 2.484	37.24	RMS	32.2	-24	45.44	54	-8.56	-	-	274	259	H
4	* 2.486	39.98	RMS	32.2	-23.9	48.28	54	-5.75	-	-	274	259	H

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

Pk - Peak detector

RMS - RMS detection



DATA

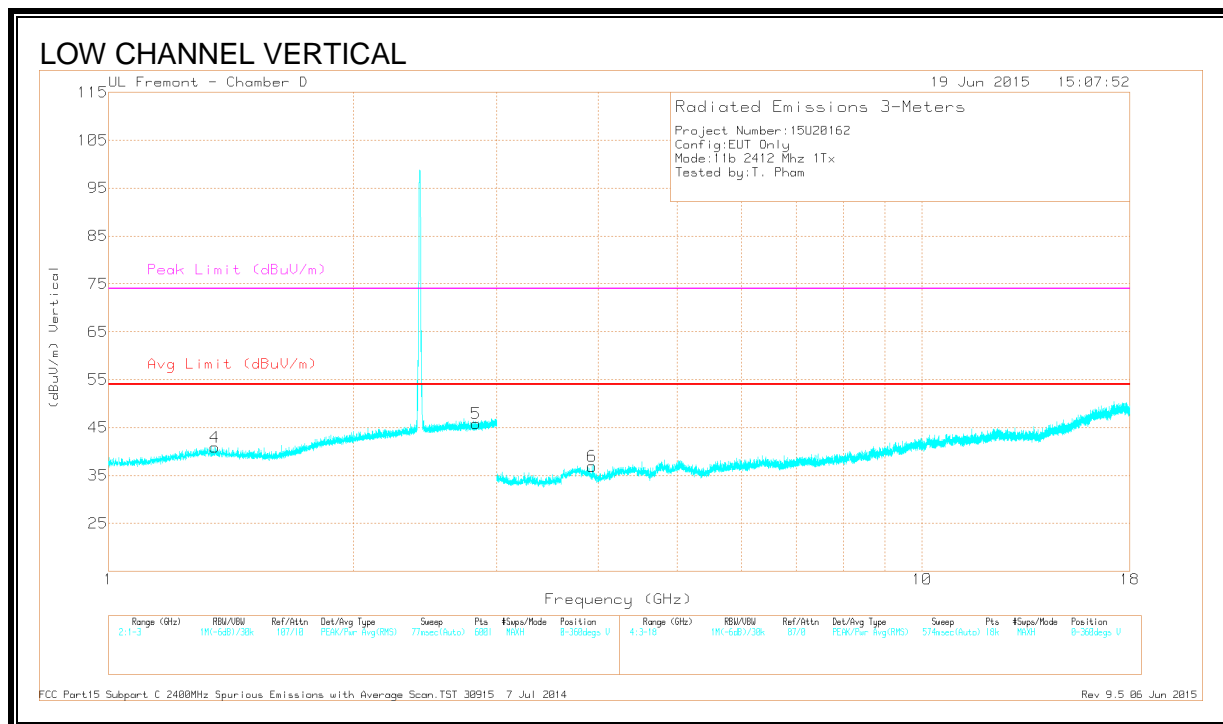
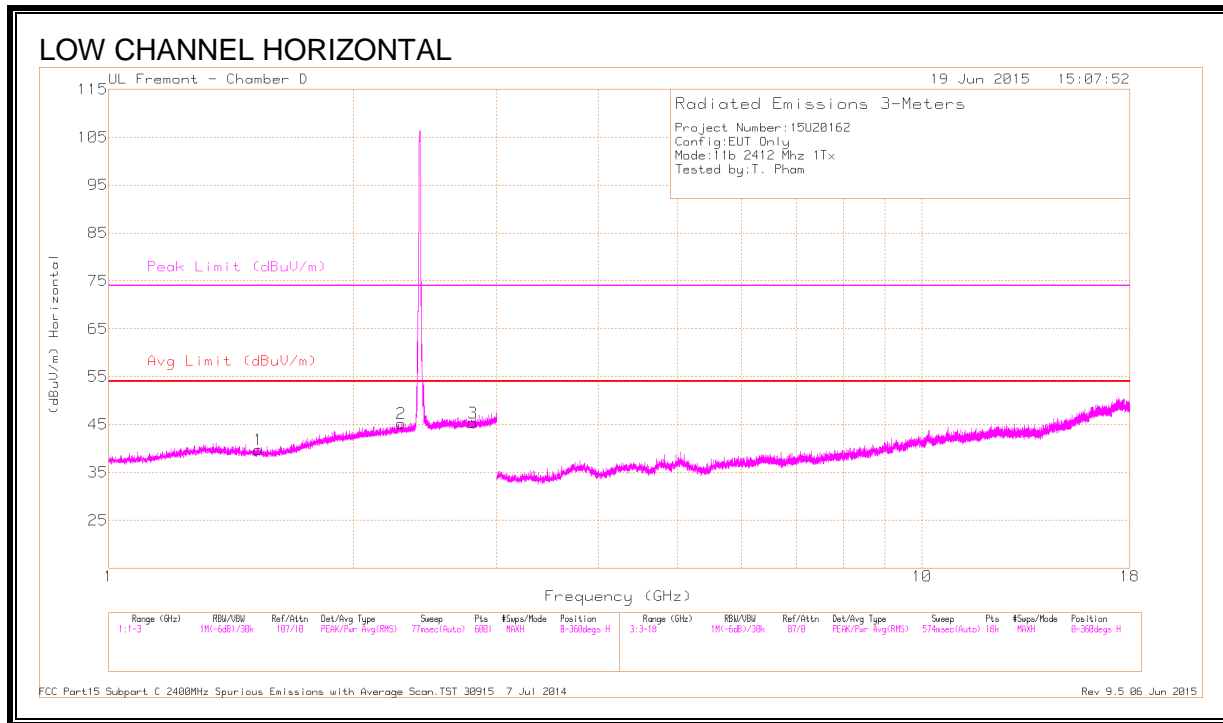
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.67	Pk	32.2	-24	55.87	-	-	74	-18.13	324	333	V
2	* 2.484	49.58	Pk	32.2	-24	57.78	-	-	74	-16.22	324	333	V
3	* 2.484	40.79	RMS	32.2	-24	48.99	54	-5.01	-	-	324	333	V
4	* 2.486	42.63	RMS	32.2	-23.9	50.93	54	-3.07	-	-	324	333	V

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

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL, CH 1



DATA

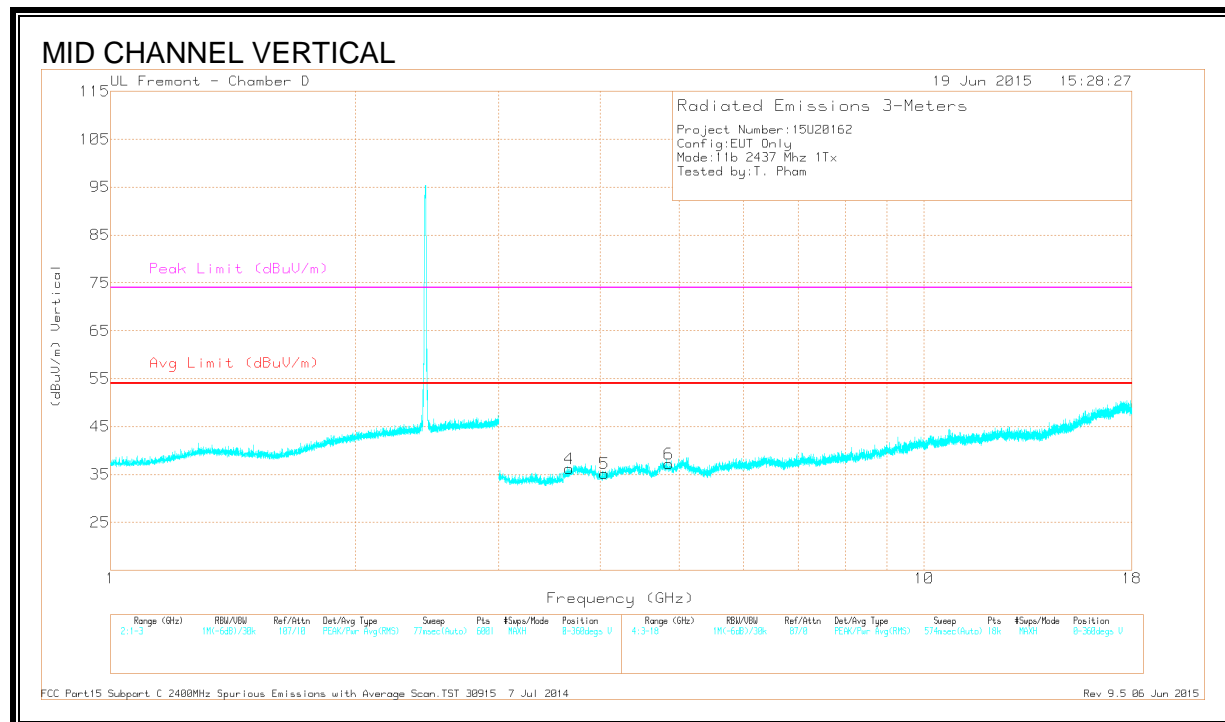
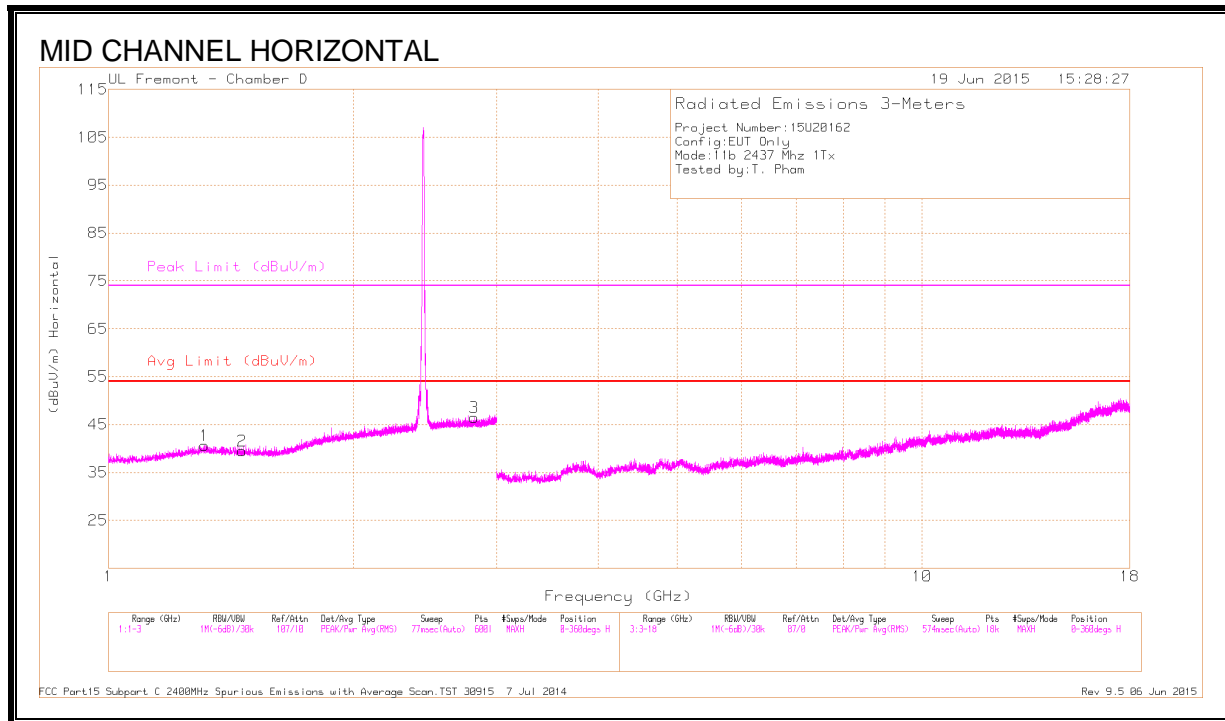
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.528	42.36	PK2	28.2	-21.9	48.66	-	-	74	-25.34	312	121	H
	* 1.529	30.18	MAv1	28.2	-21.9	36.48	54	-17.52	-	-	312	121	H
2	* 2.289	41.48	PK2	32	-21	52.48	-	-	74	-21.52	238	151	H
	* 2.291	30.16	MAv1	32	-21	41.16	54	-12.84	-	-	238	151	H
3	* 2.804	41.91	PK2	32.5	-20.3	54.11	-	-	74	-19.89	189	155	H
	* 2.803	30.07	MAv1	32.5	-20.3	42.27	54	-11.73	-	-	189	155	H
4	* 1.353	42.45	PK2	28.8	-22.2	49.05	-	-	74	-24.95	229	187	V
	* 1.352	30.38	MAv1	28.8	-22.2	36.98	54	-17.02	-	-	229	187	V
5	* 2.828	41.35	PK2	32.5	-20.3	53.55	-	-	74	-20.45	193	173	V
	* 2.827	29.9	MAv1	32.5	-20.3	42.1	54	-11.9	-	-	193	173	V
6	* 3.933	39.37	PK2	33.4	-28.3	44.47	-	-	74	-29.53	106	228	V
	* 3.932	27.23	MAv1	33.4	-28.3	32.33	54	-21.67	-	-	106	228	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL, CH 6



DATA

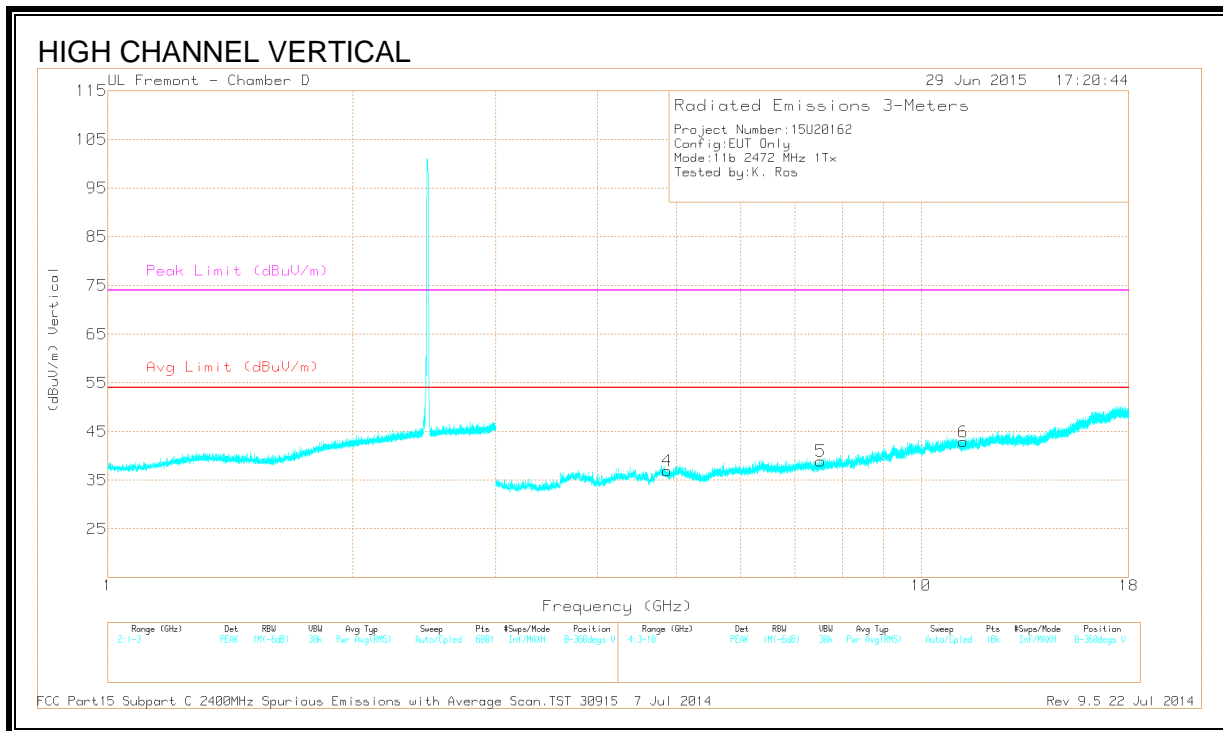
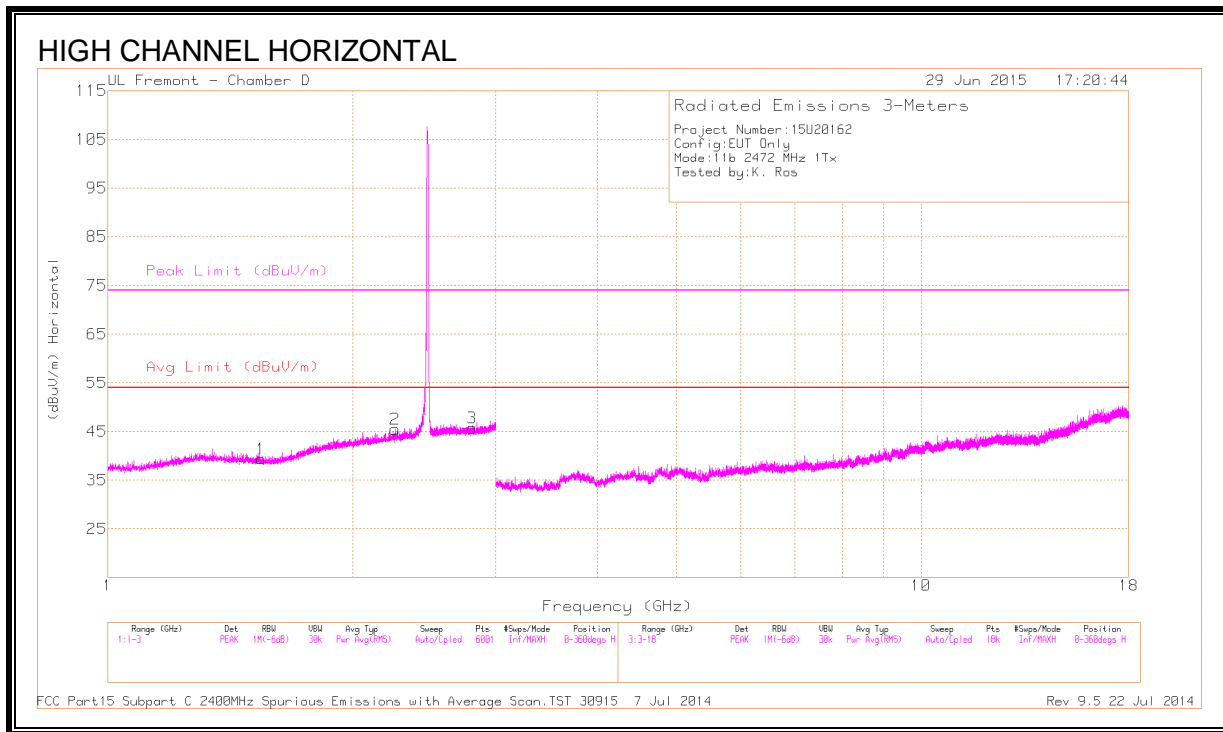
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.311	41.8	PK2	29	-22.3	48.5	-	-	74	-25.5	217	132	H
	* 1.311	30.3	MAv1	29	-22.3	37	54	-17	-	-	217	132	H
2	* 1.46	42.04	PK2	28.4	-22	48.44	-	-	74	-25.56	166	183	H
	* 1.459	30.13	MAv1	28.4	-22	36.53	54	-17.47	-	-	166	183	H
3	* 2.815	41.61	PK2	32.5	-20.3	53.81	-	-	74	-20.19	194	210	H
	* 2.815	29.86	MAv1	32.5	-20.3	42.06	54	-11.94	-	-	194	210	H
4	* 3.658	39.28	PK2	33.1	-29.2	43.18	-	-	74	-30.82	89	259	V
	* 3.66	27.76	MAv1	33.1	-29.2	31.66	54	-22.34	-	-	89	259	V
5	* 4.047	39.06	PK2	33.4	-28.6	43.86	-	-	74	-30.14	103	147	V
	* 4.047	27.4	MAv1	33.4	-28.6	32.2	54	-21.8	-	-	103	147	V
6	* 4.856	38.53	PK2	34.1	-28.1	44.53	-	-	74	-29.47	312	231	V
	* 4.856	26.96	MAv1	34.1	-28	33.06	54	-20.94	-	-	312	231	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL, CH 13



DATA

Markers	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	* 1.544	41.64	PK2	28.1	-21.9	47.84	-	-	74	-26.16	183	148	H
	* 1.544	30.1	MAv1	28.1	-21.9	36.3	54	-17.7	-	-	183	148	H
2	* 2.256	42.01	PK2	31.8	-21	52.81	-	-	74	-21.19	3	226	H
	* 2.256	30.11	MAv1	31.8	-21	40.91	54	-13.09	-	-	3	226	H
3	* 2.805	41.44	PK2	32.5	-20.3	53.64	-	-	74	-20.36	66	182	H
	* 2.805	29.98	MAv1	32.5	-20.3	42.18	54	-11.82	-	-	66	182	H
4	* 4.875	38.05	PK2	34.1	-28.1	44.05	-	-	74	-29.95	87	218	V
	* 4.874	27.07	MAv1	34.1	-28.1	33.07	54	-20.93	-	-	87	218	V
5	* 7.528	36.81	PK2	35.5	-24.9	47.41	-	-	74	-26.59	118	314	V
	* 7.527	24.93	MAv1	35.5	-24.9	35.53	54	-18.47	-	-	118	314	V
6	* 11.266	35.13	PK2	38	-21.3	51.83	-	-	74	-22.17	39	269	V
	* 11.266	23.2	MAv1	38	-21.3	39.9	54	-14.1	-	-	39	269	V

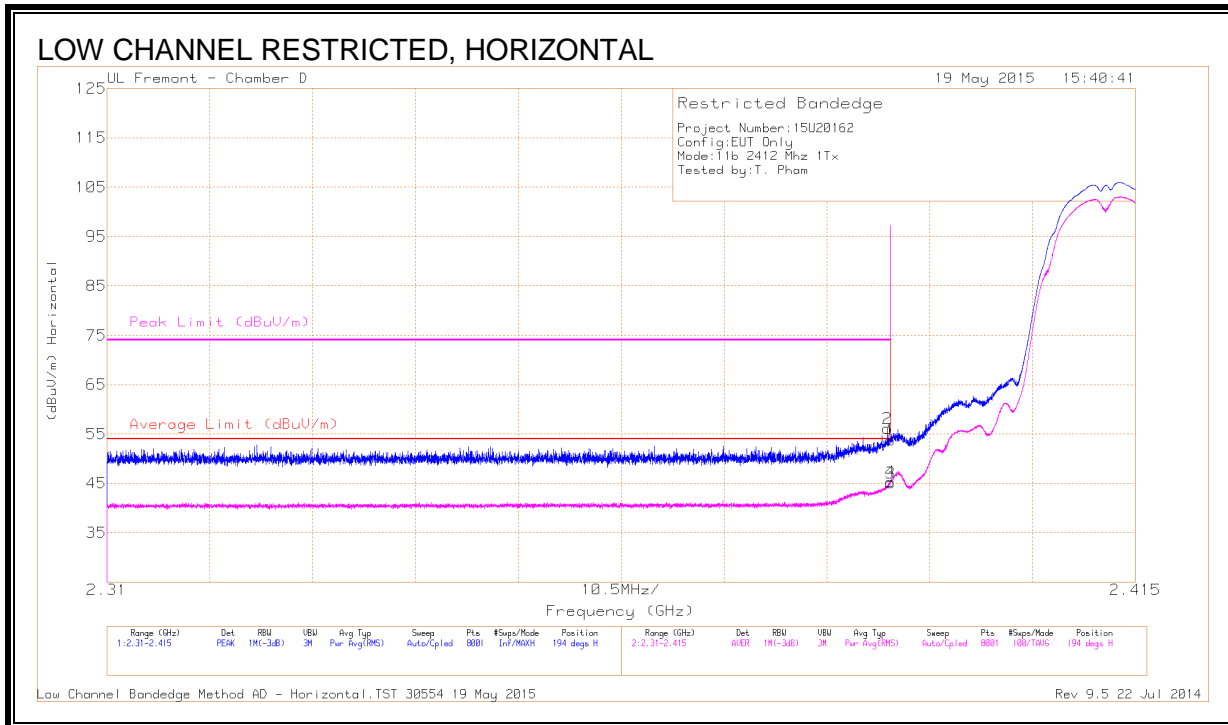
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

10.2.2. 802.11b 1Tx MODE IN THE 2.4 GHz BAND Chain 1

RESTRICTED BANDEDGE (LOW CHANNEL, CH 1)



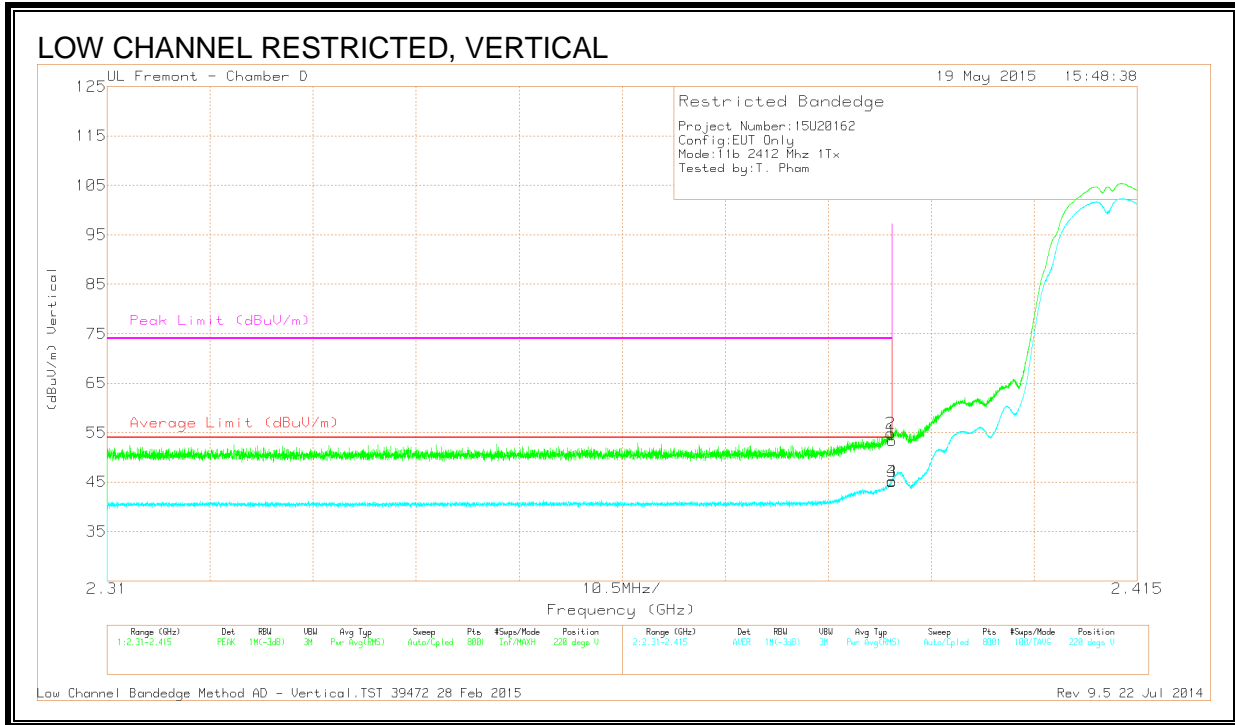
DATA

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	* 2.39	41.15	PK	32.1	-20.7	52.55	-	-	74	-21.45	194	282	H
2	* 2.39	42.03	PK	32.1	-20.7	53.43	-	-	74	-20.57	194	282	H
3	* 2.39	33.89	RMS	32.1	-20.7	45.29	54	-8.71	-	-	194	282	H
4	* 2.39	34.05	RMS	32.1	-20.7	45.45	54	-8.55	-	-	194	282	H

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

PK - Peak detector

RMS - RMS detection



DATA

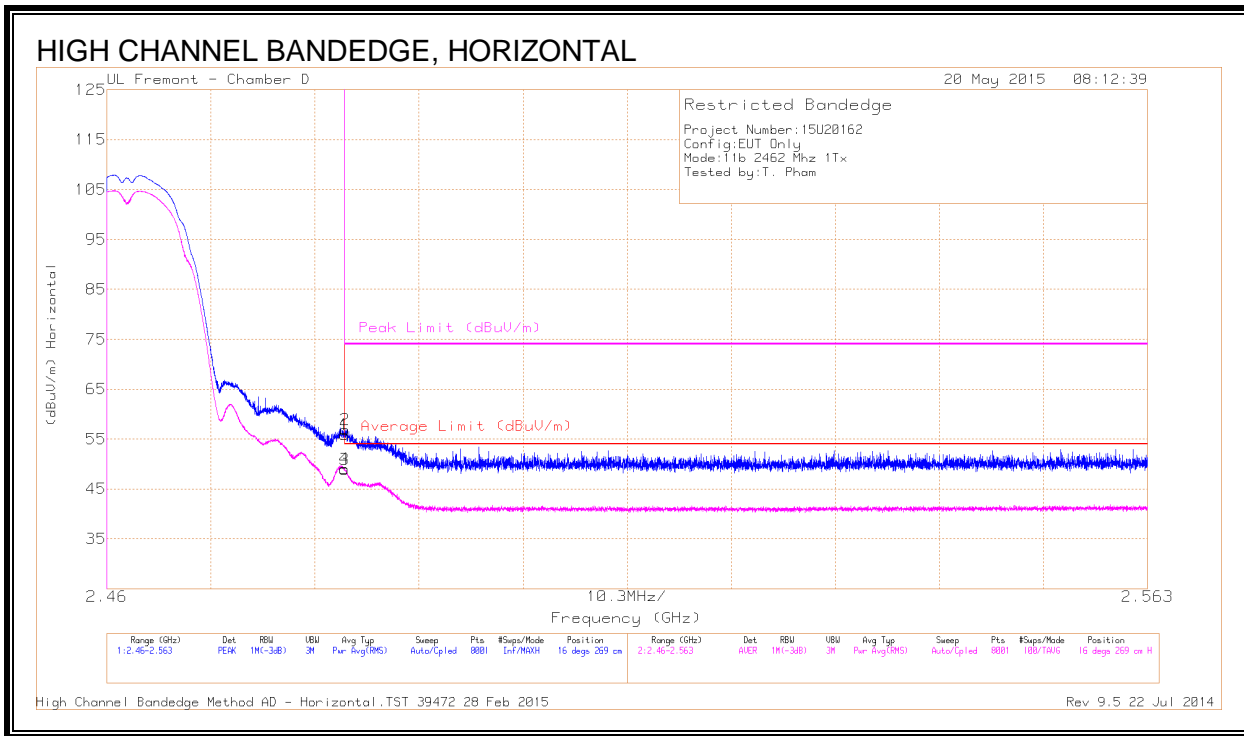
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.99	PK	32.1	-20.7	53.39	-	-	74	-20.61	220	279	V
2	* 2.39	43.45	PK	32.1	-20.7	54.85	-	-	74	-19.15	220	279	V
3	* 2.39	33.62	RMS	32.1	-20.7	45.02	54	-8.98	-	-	220	279	V
4	* 2.39	33.85	RMS	32.1	-20.7	45.25	54	-8.75	-	-	220	279	V

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

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEGE (HIGH CHANNEL, CH 11)



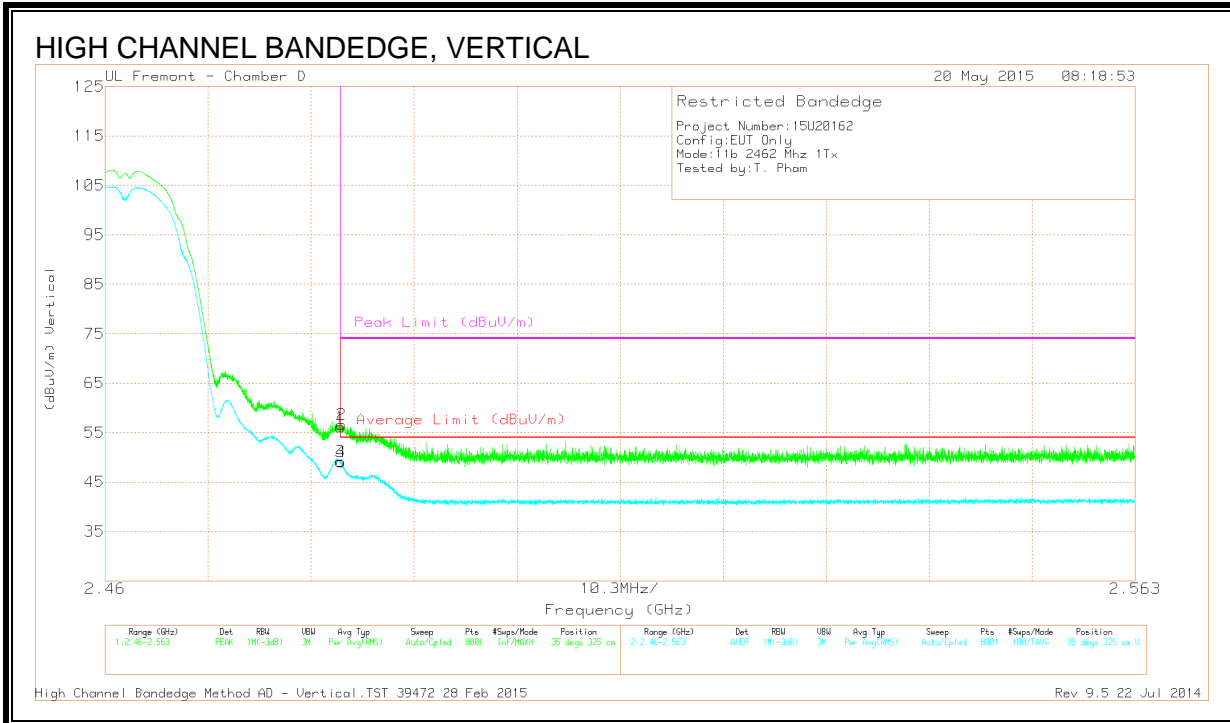
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.51	PK	32.2	-20.8	55.91	-	-	74	-18.09	16	269	H
2	* 2.484	45.46	PK	32.2	-20.8	56.86	-	-	74	-17.14	16	269	H
3	* 2.484	37.55	RMS	32.2	-20.8	48.95	54	-5.05	-	-	16	269	H
4	* 2.484	37.66	RMS	32.2	-20.8	49.06	54	-4.94	-	-	16	269	H

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

PK - Peak detector

RMS - RMS detection



DATA

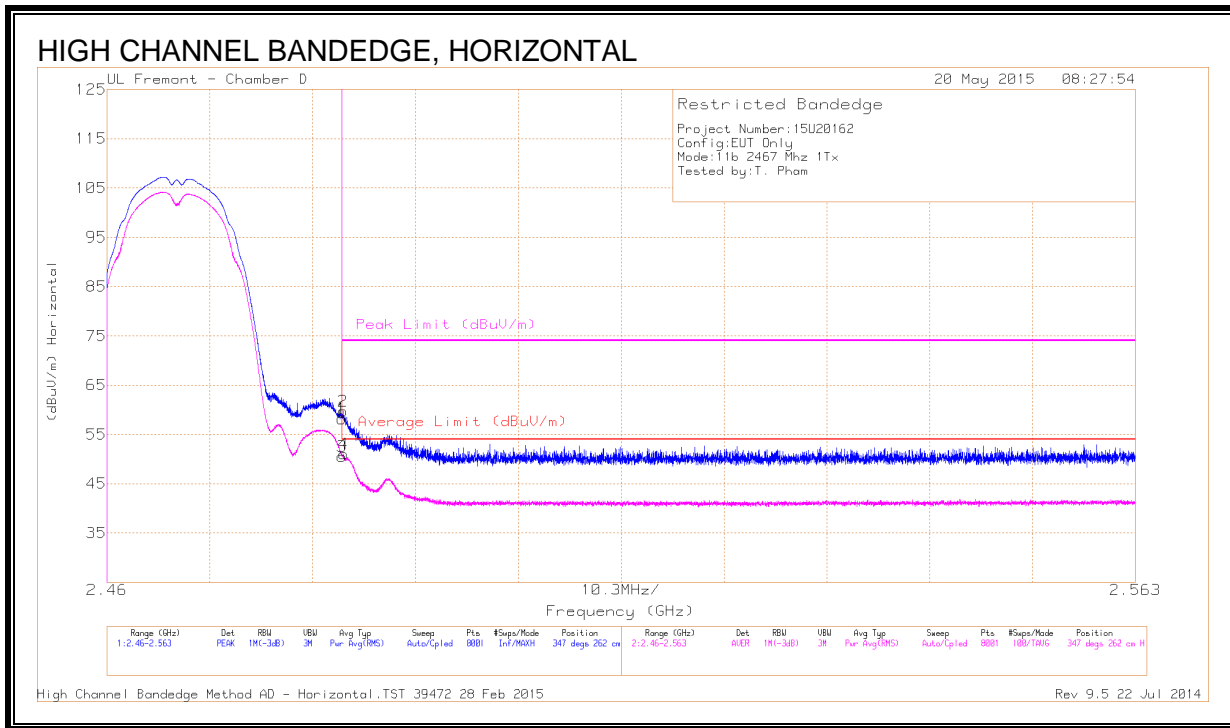
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.89	PK	32.2	-20.8	55.29	-	-	74	-18.71	223	265	V
2	* 2.484	45.07	PK	32.2	-20.8	56.47	-	-	74	-17.53	223	265	V
3	* 2.484	38.04	RMS	32.2	-20.8	49.44	54	-4.56	-	-	223	265	V
4	* 2.484	38.19	RMS	32.2	-20.8	49.59	54	-4.41	-	-	223	265	V

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

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEGE (HIGH CHANNEL, CH 12)



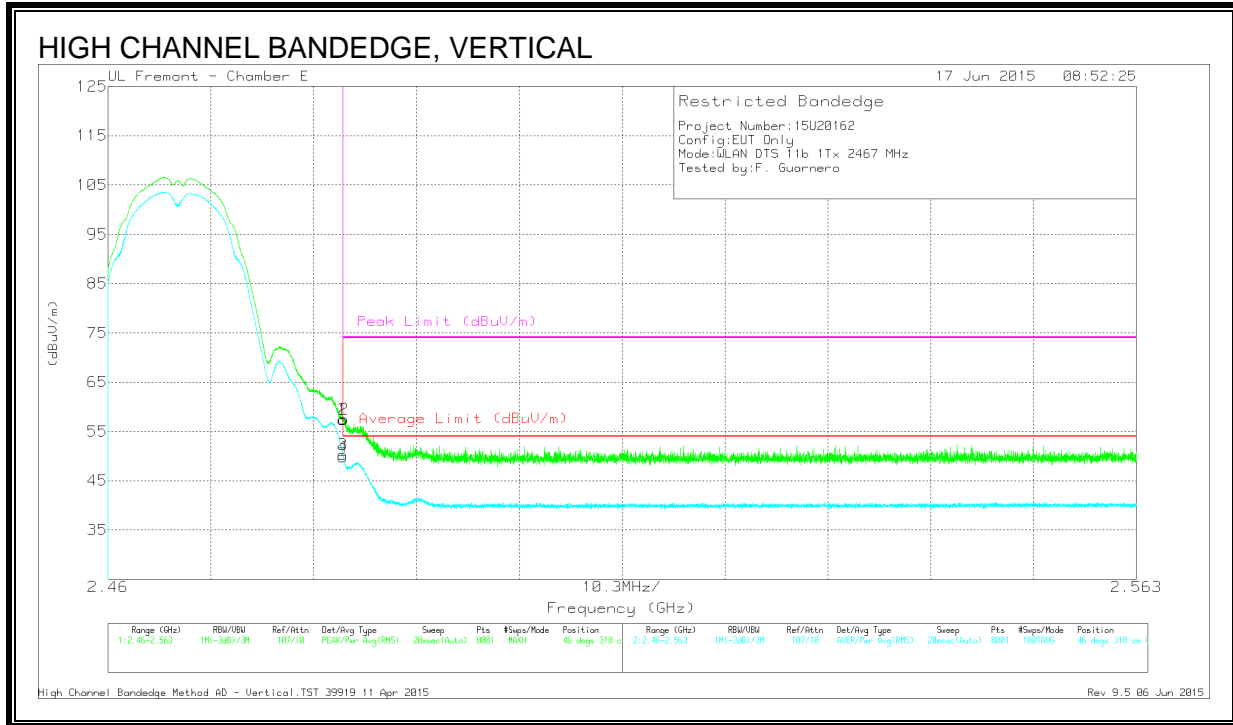
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (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	* 2.484	47.02	PK	32.2	-20.8	58.42	-	-	74	-15.58	196	269	H
2	* 2.484	47.96	PK	32.2	-20.8	59.36	-	-	74	-14.64	196	269	H
3	* 2.484	39.83	RMS	32.2	-20.8	51.23	54	-2.77	-	-	196	269	H
4	* 2.484	39.7	RMS	32.2	-20.8	51.1	54	-2.9	-	-	196	269	H

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

PK - Peak detector

RMS - RMS detection



DATA

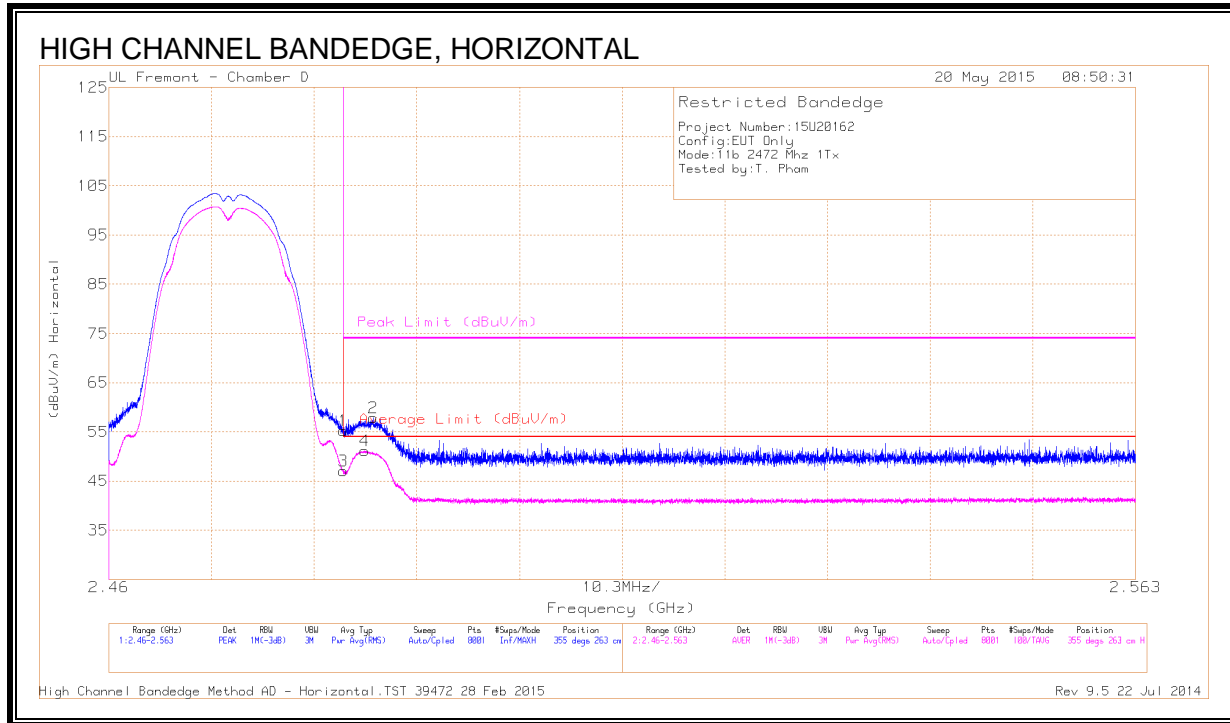
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1	* 2.484	48.03	PK	32.2	-20.8	59.43	-	-	74	-14.57	223	265	V
2	* 2.484	47.79	PK	32.2	-20.8	59.19	-	-	74	-14.81	223	265	V
3	* 2.484	39.48	RMS	32.2	-20.8	50.88	54	-3.12	-	-	223	265	V
4	* 2.484	39.31	RMS	32.2	-20.8	50.71	54	-3.29	-	-	223	265	V

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

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 13)



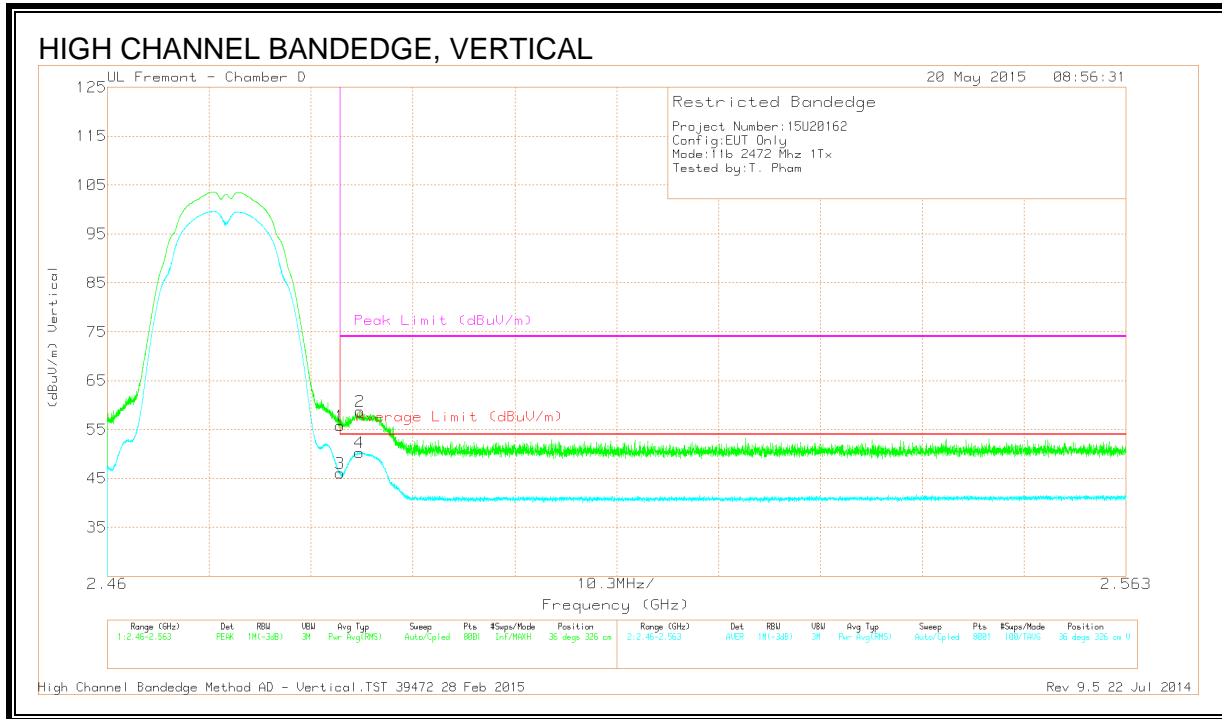
DATA

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	44.39	PK	32.2	-20.8	55.79	-	-	74	-18.21	196	269	H
2	* 2.486	46.68	PK	32.2	-20.8	58.08	-	-	74	-15.92	196	269	H
3	* 2.484	35.75	RMS	32.2	-20.8	47.15	54	-6.85	-	-	196	269	H
4	* 2.486	40.06	RMS	32.2	-20.8	51.46	54	-2.54	-	-	196	269	H

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

PK - Peak detector

RMS - RMS detection



DATA

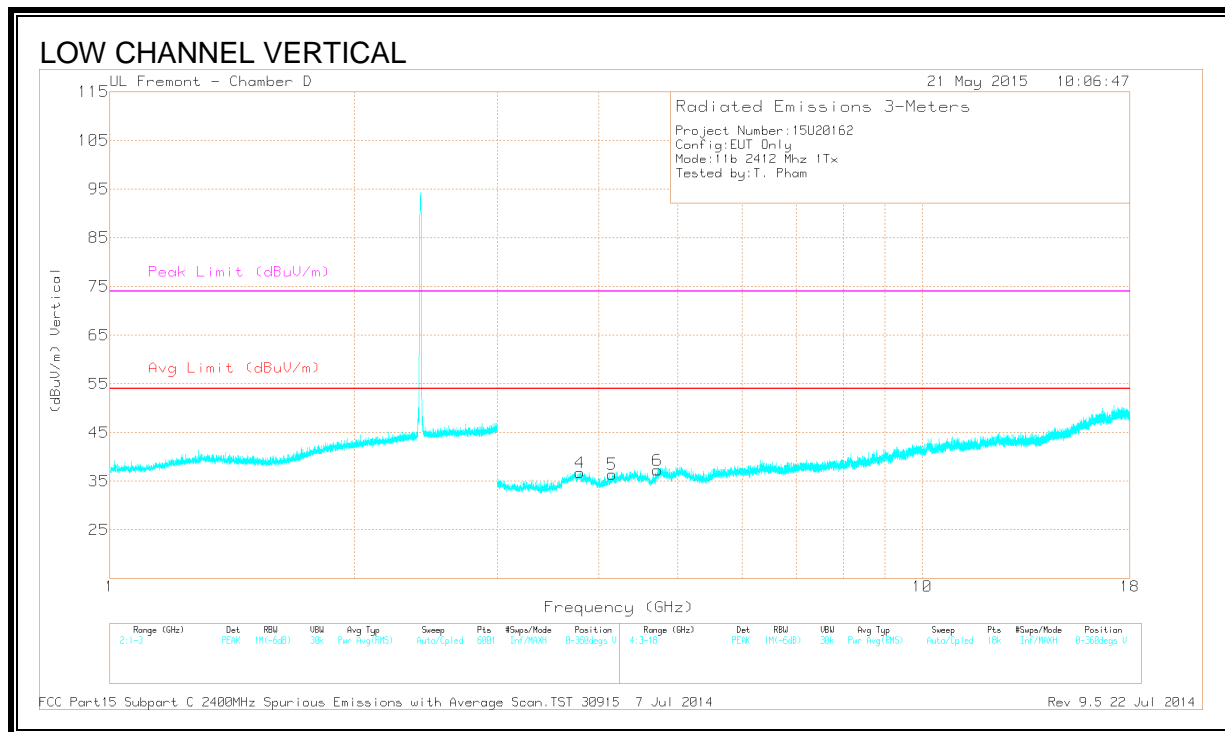
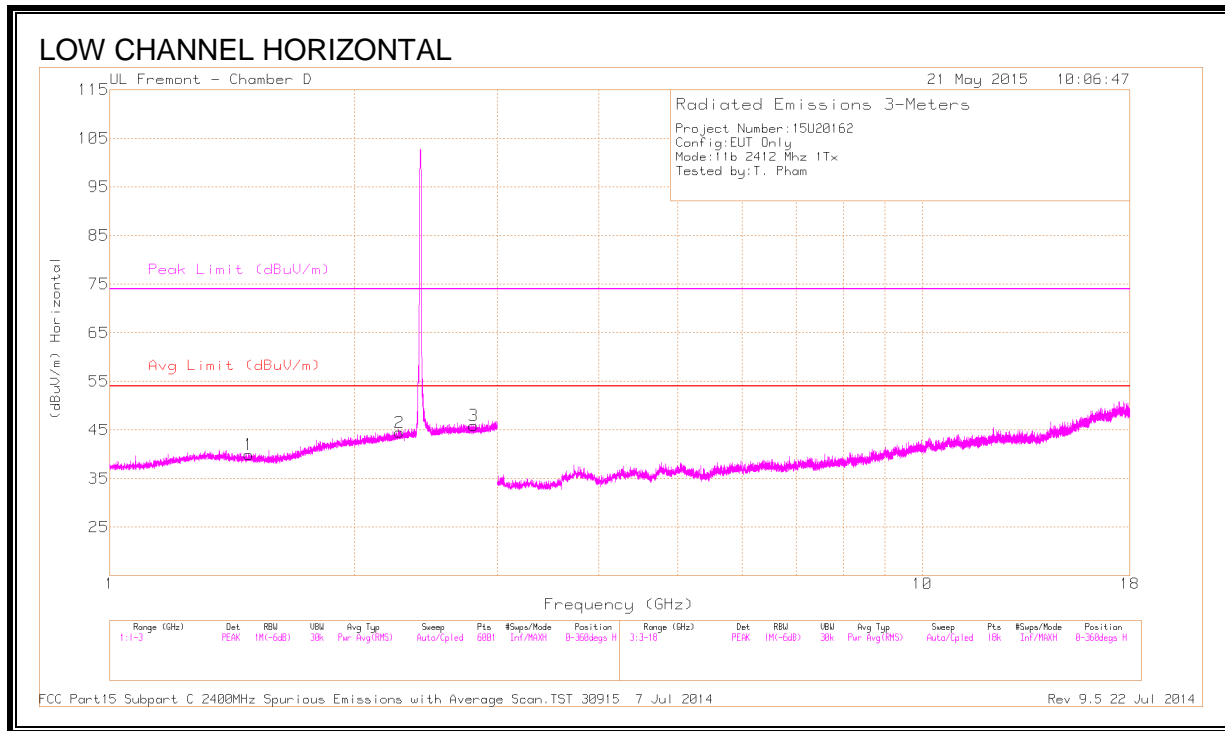
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.62	PK	32.2	-20.8	54.02	-	-	74	-19.98	223	265	V
2	* 2.486	46.32	PK	32.2	-20.8	57.72	-	-	74	-16.28	223	265	V
3	* 2.484	35.76	RMS	32.2	-20.8	47.16	54	-6.84	-	-	223	265	V
4	* 2.485	40.03	RMS	32.2	-20.8	51.43	54	-2.57	-	-	223	265	V

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

PK - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL, CH 1



DATA

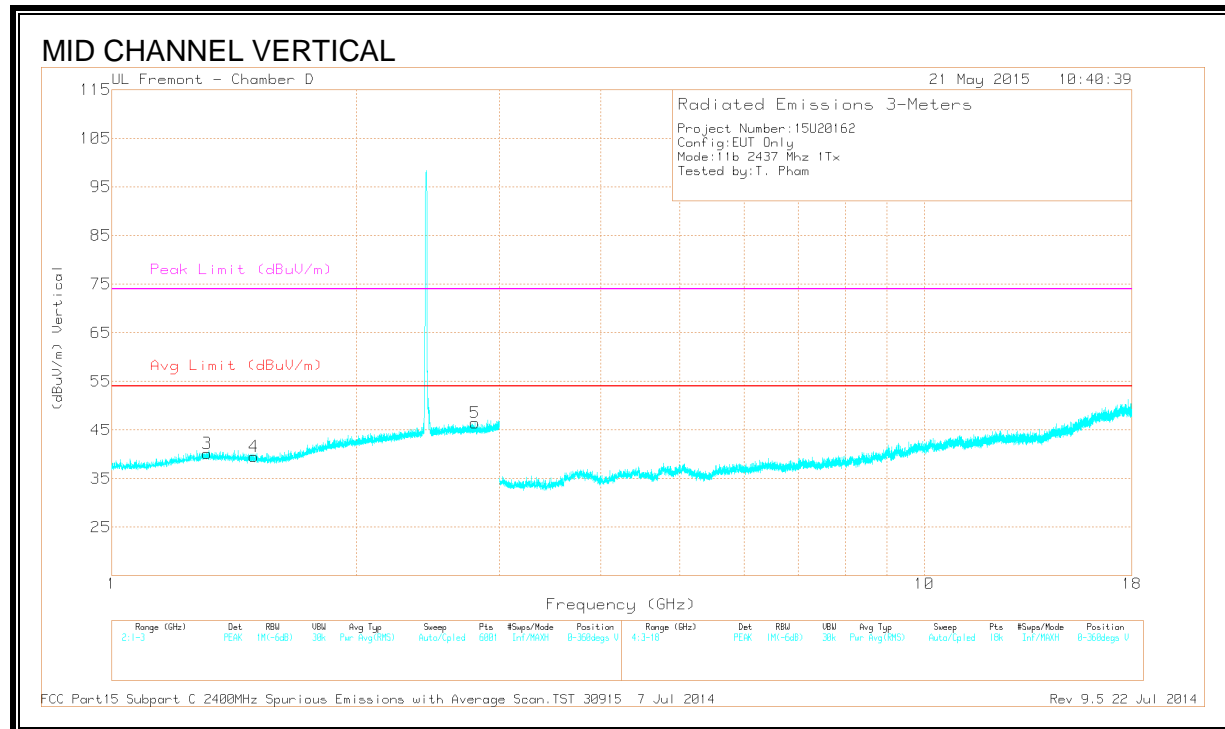
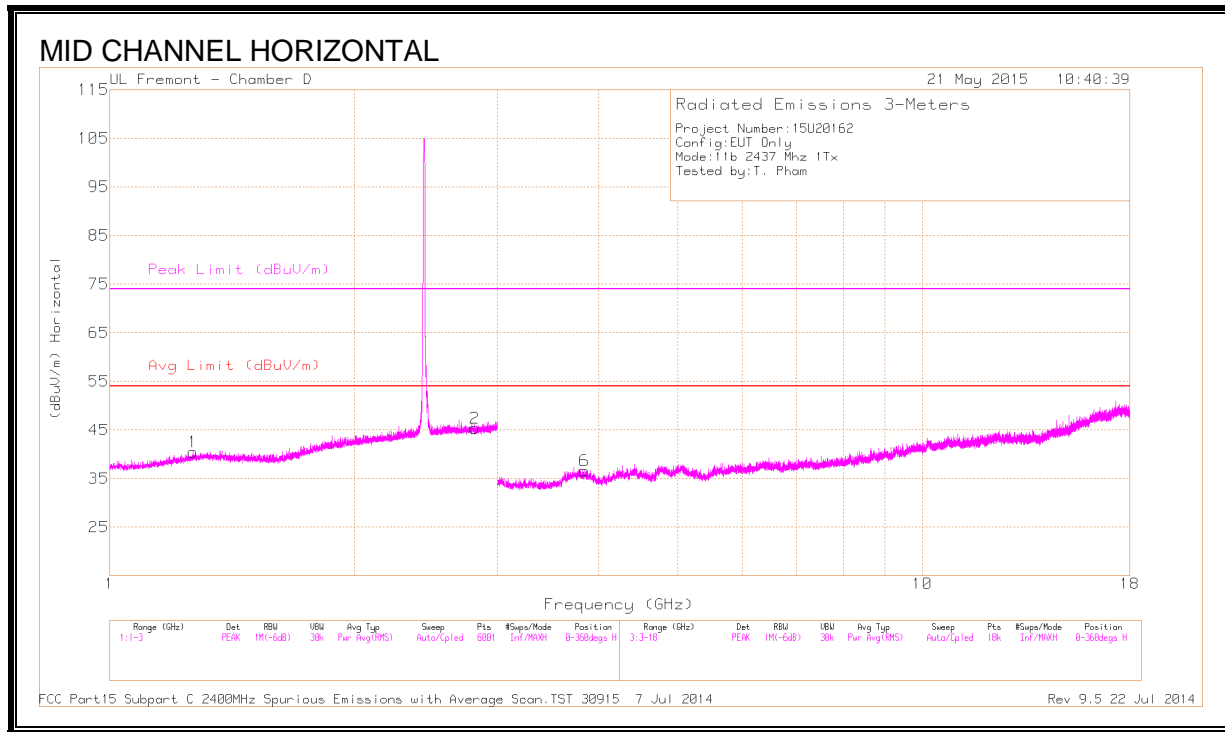
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.484	41.71	PK2	28.3	-22	48.01	-	-	74	-25.99	312	343	H
	* 1.485	30.12	MAv1	28.3	-22	36.42	54	-17.58	-	-	312	343	H
2	* 2.273	41.68	PK2	31.9	-20.9	52.68	-	-	74	-21.32	219	187	H
	* 2.272	30.2	MAv1	31.9	-20.9	41.2	54	-12.8	-	-	219	187	H
3	* 2.803	41.85	PK2	32.5	-20.3	54.05	-	-	74	-19.95	311	251	H
	* 2.805	30.08	MAv1	32.5	-20.3	42.28	54	-11.72	-	-	311	251	H
4	* 3.793	38.95	PK2	33.3	-28.3	43.95	-	-	74	-30.05	284	151	V
	* 3.792	27.66	MAv1	33.3	-28.3	32.66	54	-21.34	-	-	284	151	V
5	* 4.15	38.63	PK2	33.4	-28.1	43.93	-	-	74	-30.07	311	227	V
	* 4.151	27.24	MAv1	33.4	-28.1	32.54	54	-21.46	-	-	311	227	V
6	* 4.72	39.08	PK2	34.2	-27.1	46.18	-	-	74	-27.82	228	195	V
	* 4.721	27.07	MAv1	34.2	-27.1	34.17	54	-19.83	-	-	228	195	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

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL, CH 6



DATA

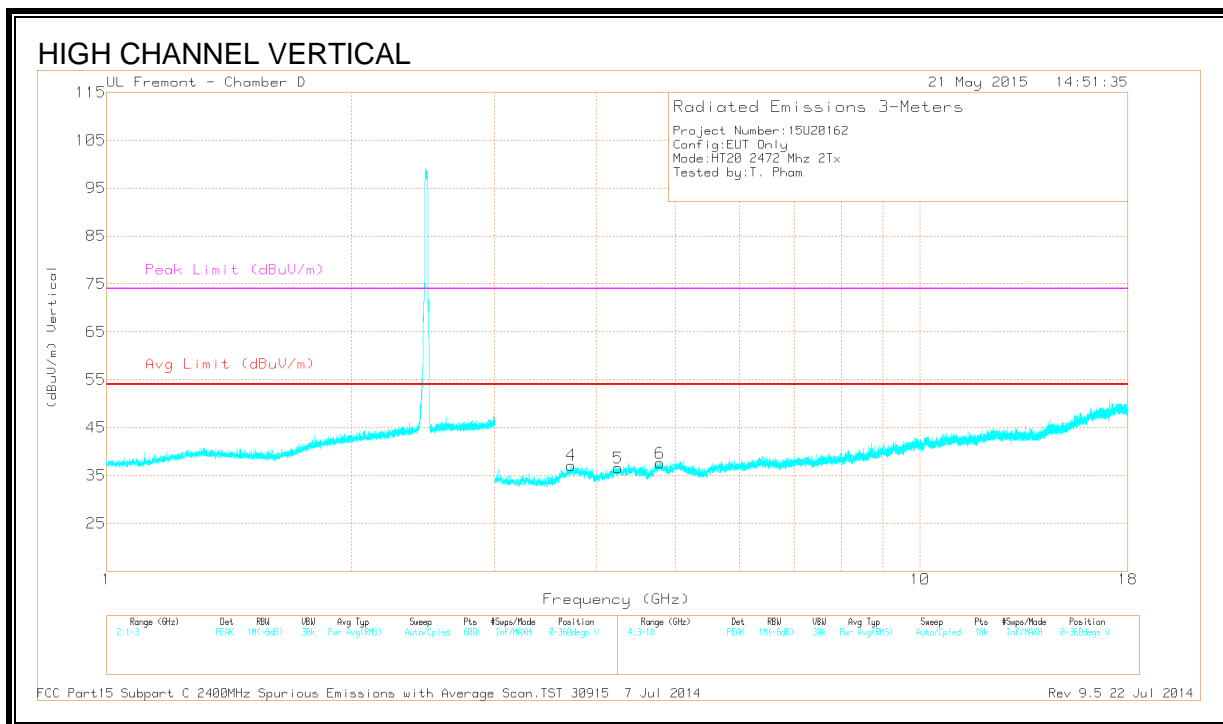
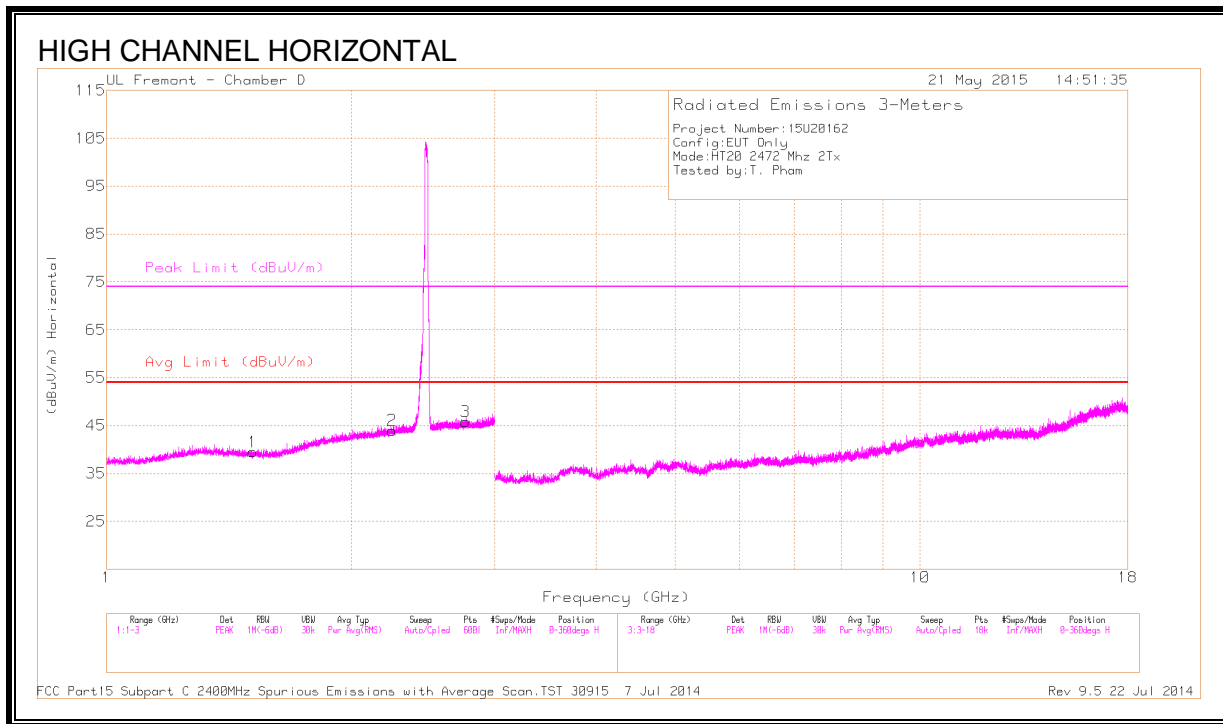
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.267	41.83	PK2	28.7	-22.3	48.23	-	-	74	-25.77	236	133	H
	* 1.267	30.56	MAv1	28.7	-22.3	36.96	54	-17.04	-	-	236	133	H
2	* 2.813	41.51	PK2	32.5	-20.3	53.71	-	-	74	-20.29	152	196	H
	* 2.815	29.98	MAv1	32.5	-20.3	42.18	54	-11.82	-	-	152	196	H
3	* 1.309	42.06	PK2	29	-22.3	48.76	-	-	74	-25.24	233	255	V
	* 1.311	30.5	MAv1	29	-22.3	37.2	54	-16.8	-	-	233	255	V
4	* 1.496	42.21	PK2	28.3	-21.9	48.61	-	-	74	-25.39	184	215	V
	* 1.496	30.09	MAv1	28.3	-21.9	36.49	54	-17.51	-	-	184	215	V
5	* 2.801	42.07	PK2	32.5	-20.3	54.27	-	-	74	-19.73	325	283	V
	* 2.801	30.08	MAv1	32.5	-20.3	42.28	54	-11.72	-	-	325	283	V
6	* 3.839	39.71	PK2	33.4	-28.6	44.51	-	-	74	-29.49	344	116	H
	* 3.839	27.79	MAv1	33.4	-28.6	32.59	54	-21.41	-	-	344	116	H

* - 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

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL, CH 13



DATA

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
* 1.514	41.18	PK2	28.2	-21.9	47.48	-	-	74	-26.52	312	152	H
* 1.514	30.18	MAv1	28.2	-21.9	36.48	54	-17.52	-	-	312	152	H
* 2.245	41.4	PK2	31.8	-21	52.2	-	-	74	-21.8	215	195	H
* 2.245	30.12	MAv1	31.8	-21	40.92	54	-13.08	-	-	215	195	H
* 2.762	41.95	PK2	32.5	-20.4	54.05	-	-	74	-19.95	219	187	H
* 2.762	30.05	MAv1	32.5	-20.4	42.15	54	-11.85	-	-	219	187	H
* 3.724	39.29	PK2	33.2	-28.7	43.79	-	-	74	-30.21	223	251	V
* 3.724	27.79	MAv1	33.2	-28.7	32.29	54	-21.71	-	-	223	251	V
* 4.256	38	PK2	33.5	-27.9	43.6	-	-	74	-30.4	311	232	V
* 4.255	26.76	MAv1	33.5	-27.8	32.46	54	-21.54	-	-	311	232	V
* 4.792	37.4	PK2	34.1	-26.7	44.8	-	-	74	-29.2	284	343	V
* 4.791	26.22	MAv1	34.1	-26.7	33.62	54	-20.38	-	-	284	343	V

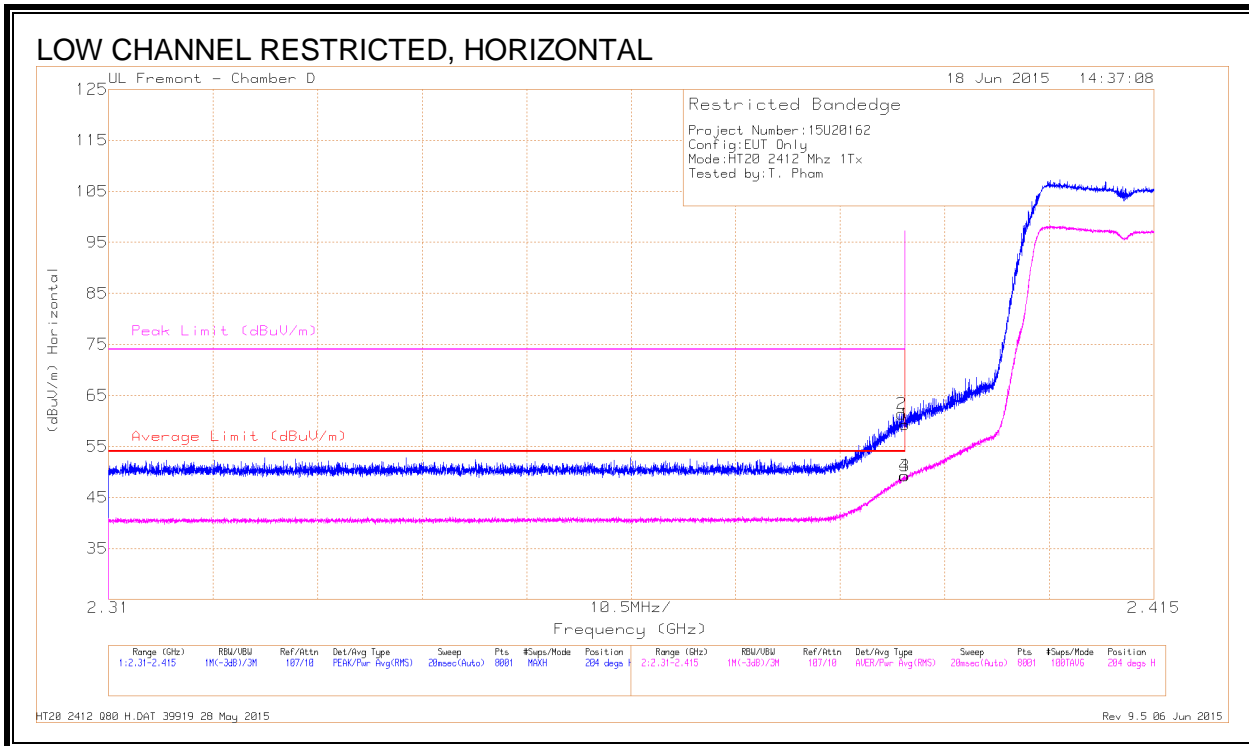
* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

10.2.3. 802.11n HT20 1Tx MODE IN THE 2.4 GHz BAND Chain 0

RESTRICTED BANDEDGE (LOW CHANNEL, CH 1)



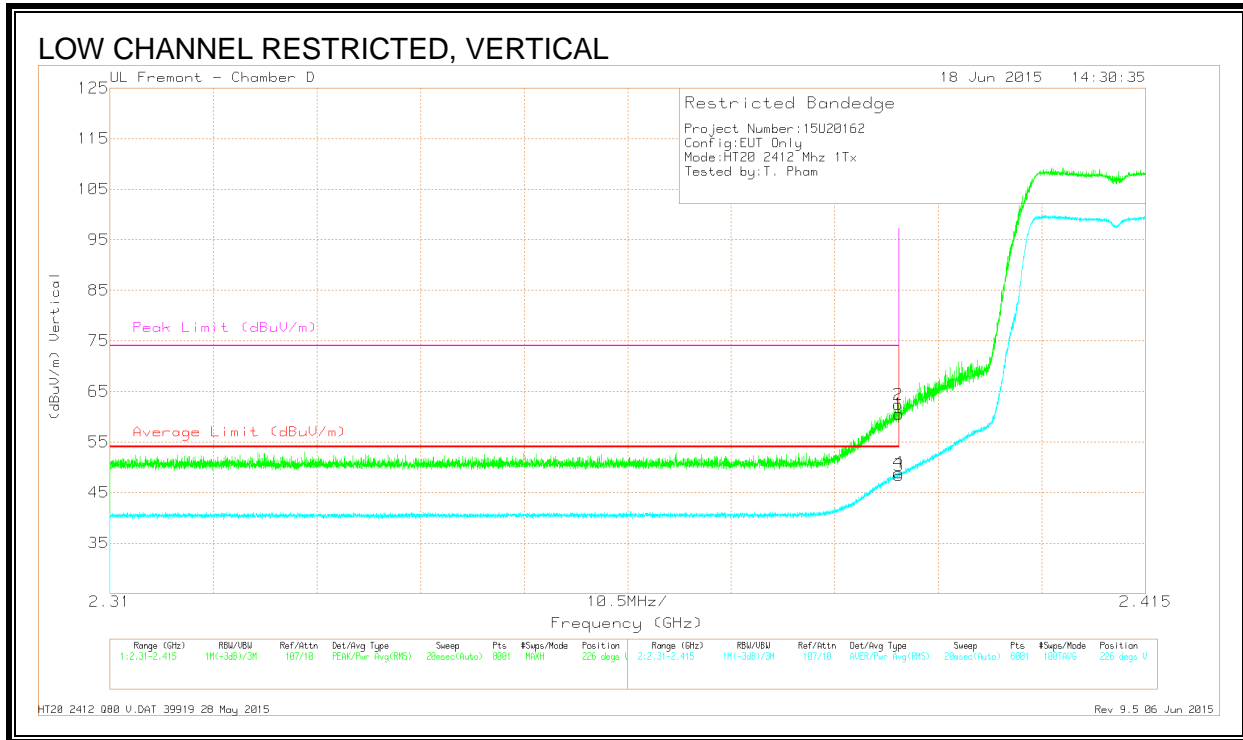
DATA

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	* 2.39	47.89	Pk	32.1	-20.7	59.29	-	-	74	-14.71	204	239	H
2	* 2.39	50	Pk	32.1	-20.7	61.4	-	-	74	-12.6	204	239	H
3	* 2.39	37.8	RMS	32.1	-20.7	49.2	54	-4.8	-	-	204	239	H
4	* 2.39	37.86	RMS	32.1	-20.7	49.26	54	-4.74	-	-	204	239	H

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

Pk - Peak detector

RMS - RMS detection



DATA

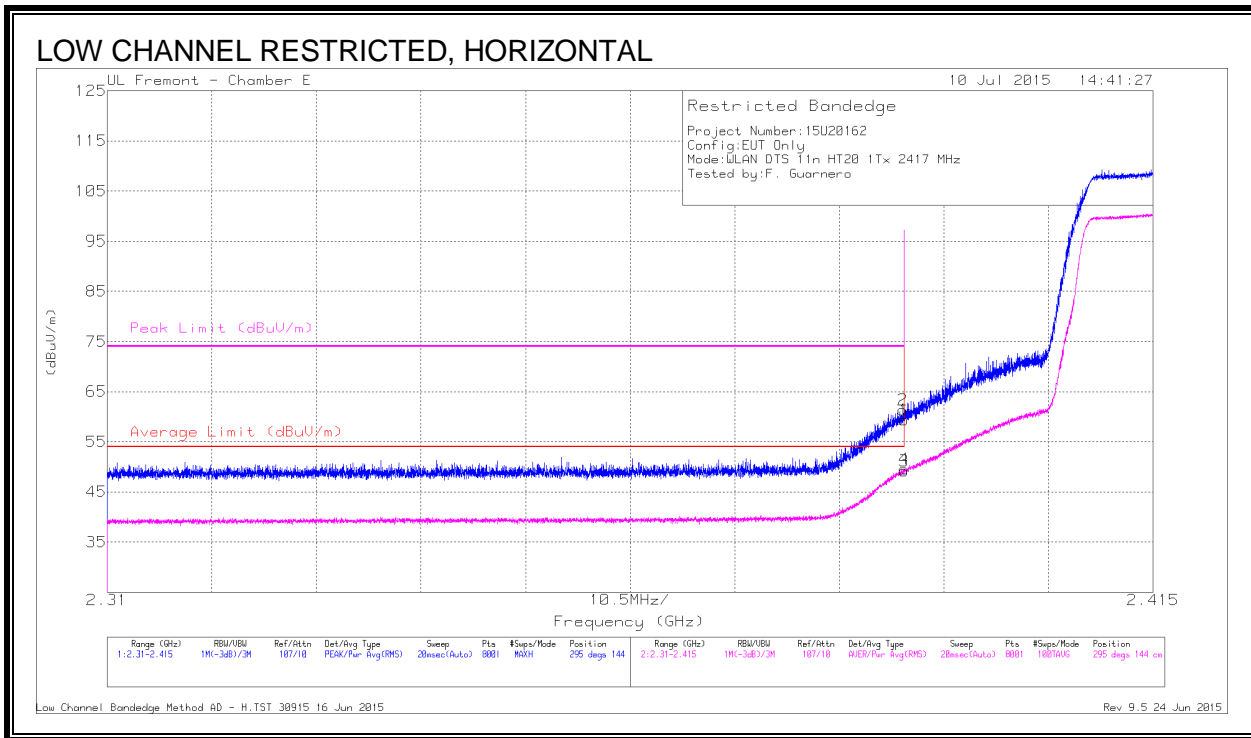
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	49.14	Pk	32.1	-20.7	60.54	-	-	74	-13.46	226	281	V
2	* 2.39	51.03	Pk	32.1	-20.7	62.43	-	-	74	-11.57	226	281	V
3	* 2.39	37.01	RMS	32.1	-20.7	48.41	54	-5.59	-	-	226	281	V
4	* 2.39	37.52	RMS	32.1	-20.7	48.92	54	-5.08	-	-	226	281	V

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

Pk - Peak detector

RMS - RMS detection

RESTRICTED BANDEDGE (LOW CHANNEL, CH 2)



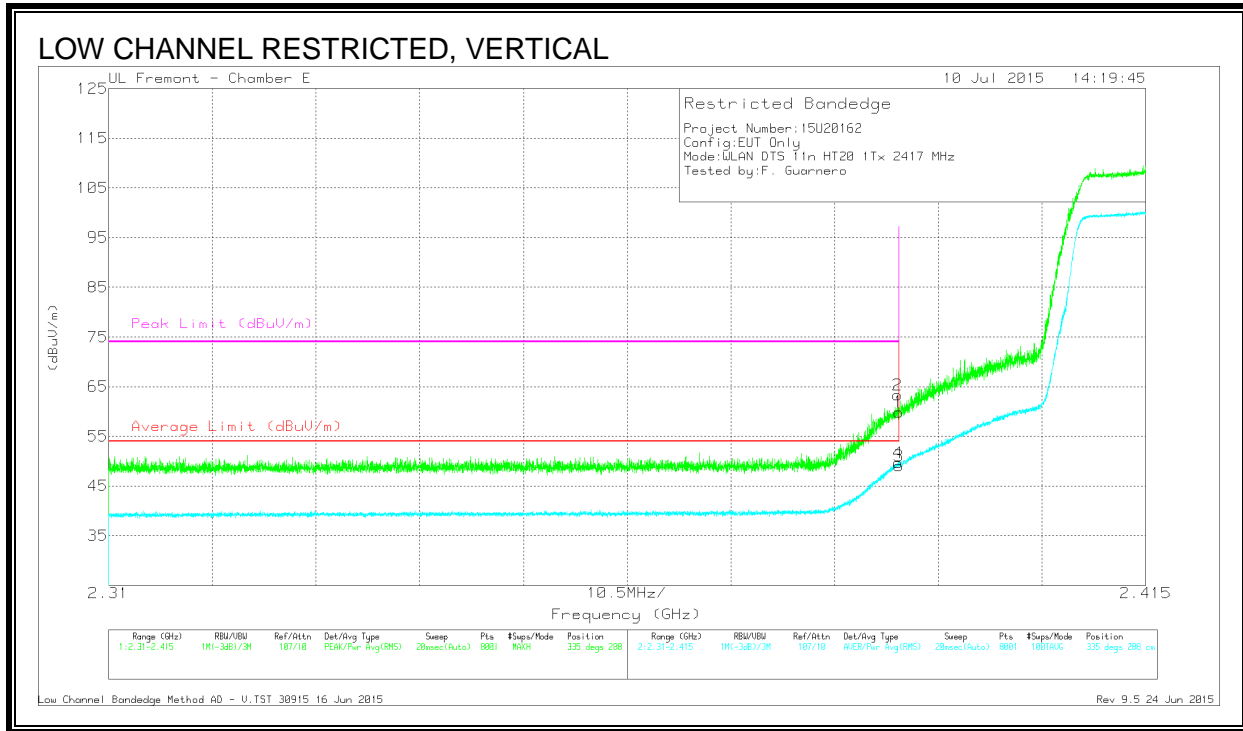
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	51.4	Pk	32.1	-24.2	59.3	-	-	74	-14.7	295	144	H
2	* 2.39	53.48	Pk	32.1	-24.2	61.38	-	-	74	-12.62	295	144	H
3	* 2.39	41.24	RMS	32.1	-24.2	49.14	54	-4.86	-	-	295	144	H
4	* 2.39	41.67	RMS	32.1	-24.2	49.57	54	-4.43	-	-	295	144	H

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

Pk - Peak detector

RMS - RMS detection



DATA

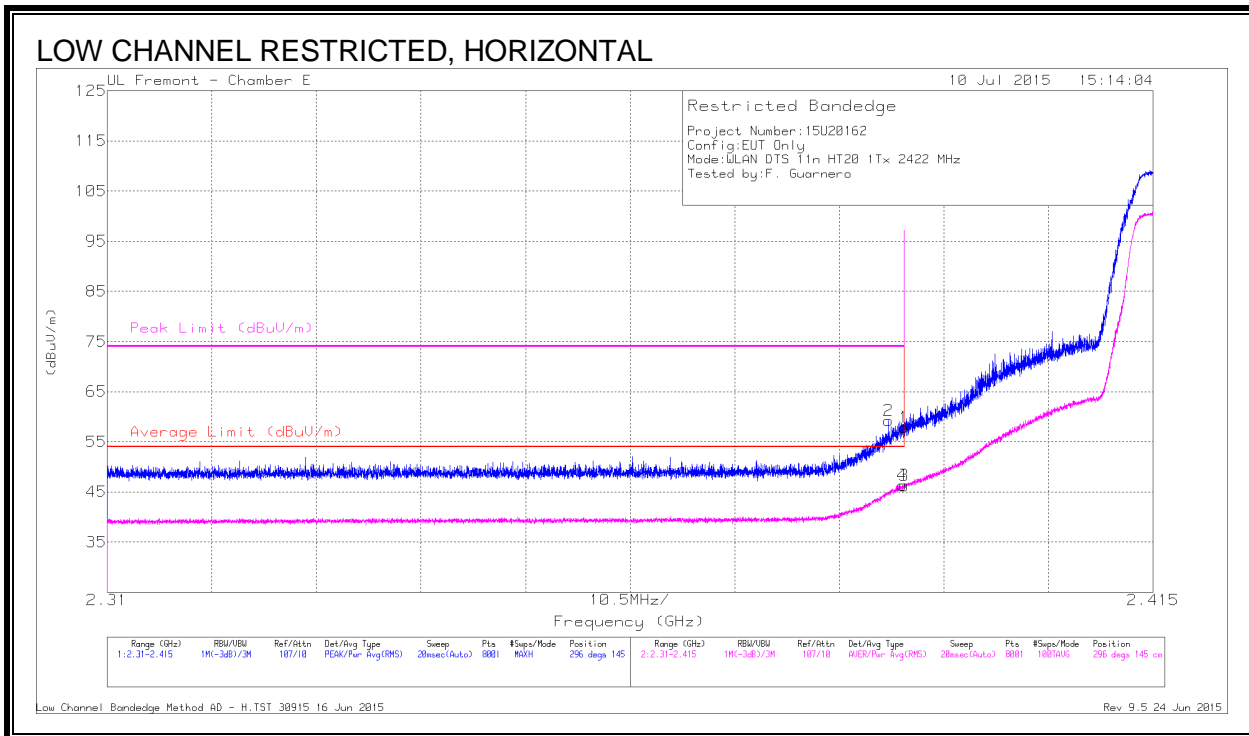
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	52.01	Pk	32.1	-24.2	59.91	-	-	74	-14.09	335	288	V
2	* 2.39	55.42	Pk	32.1	-24.2	63.32	-	-	74	-10.68	335	288	V
3	* 2.39	41.19	RMS	32.1	-24.2	49.09	54	-4.91	-	-	335	288	V
4	* 2.39	41.8	RMS	32.1	-24.2	49.7	54	-4.3	-	-	335	288	V

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

Pk - Peak detector

RMS - RMS detection

RESTRICTED BANDEDGE (LOW CHANNEL, CH 3)



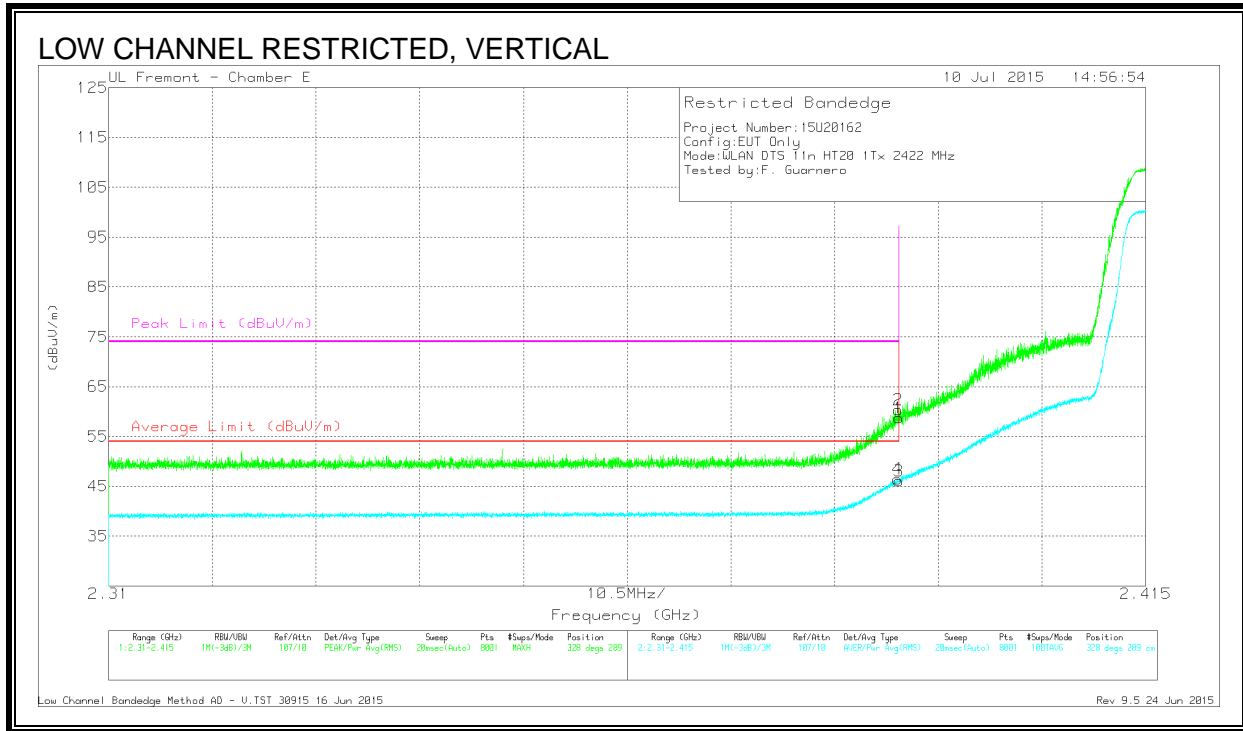
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	49.95	Pk	32.1	-24.2	57.85	-	-	74	-16.15	296	145	H
2	* 2.388	51.35	Pk	32.1	-24.2	59.25	-	-	74	-14.75	296	145	H
3	* 2.39	38.36	RMS	32.1	-24.2	46.26	54	-7.74	-	-	296	145	H
4	* 2.39	38.44	RMS	32.1	-24.2	46.34	54	-7.66	-	-	296	145	H

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

Pk - Peak detector

RMS - RMS detection



DATA

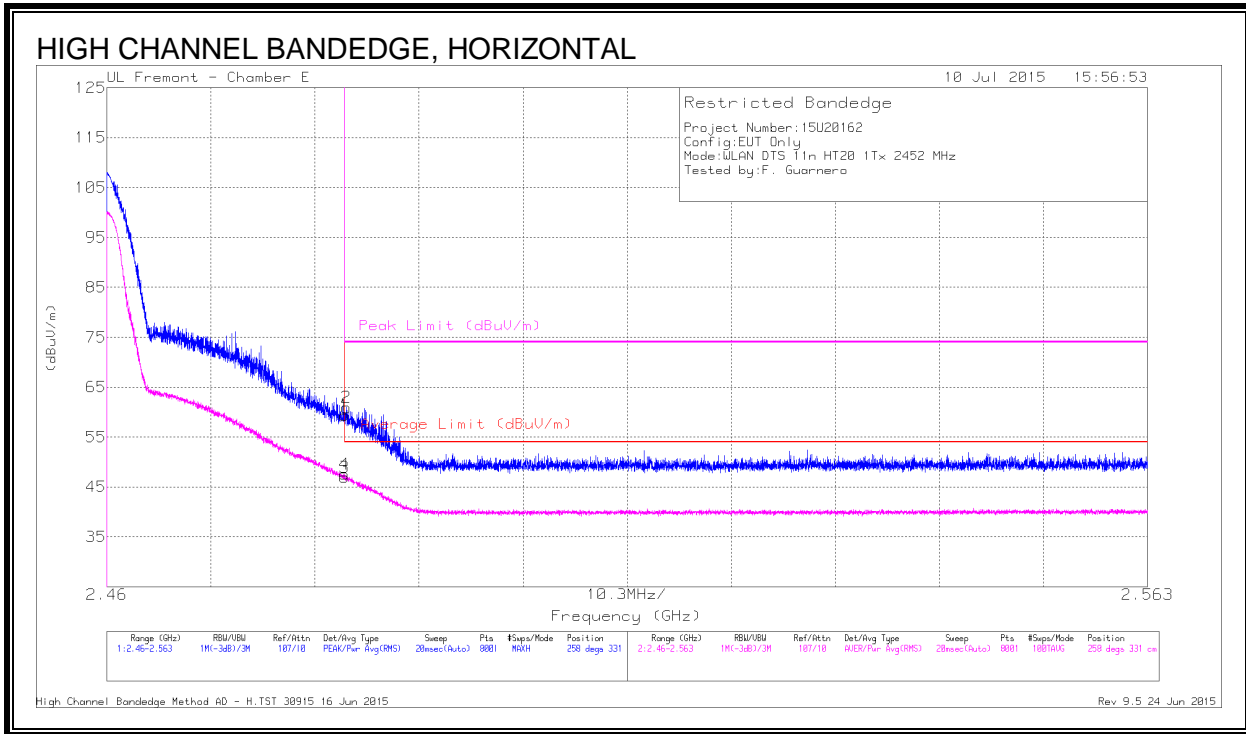
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	50.87	Pk	32.1	-24.2	58.77	-	-	74	-15.23	328	289	V
2	* 2.39	52.41	Pk	32.1	-24.2	60.31	-	-	74	-13.69	328	289	V
3	* 2.39	38.22	RMS	32.1	-24.2	46.12	54	-7.88	-	-	328	289	V
4	* 2.39	38.6	RMS	32.1	-24.2	46.5	54	-7.5	-	-	328	289	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEGE (HIGH CHANNEL, CH 9)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	51.14	Pk	32.2	-24	59.34	-	-	74	-14.66	258	331	H
2	* 2.484	52.71	Pk	32.2	-24	60.91	-	-	74	-13.09	258	331	H
3	* 2.484	38.75	RMS	32.2	-24	46.95	54	-7.05	-	-	258	331	H
4	* 2.484	39.4	RMS	32.2	-24	47.6	54	-6.4	-	-	258	331	H

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

Pk - Peak detector

RMS - RMS detection