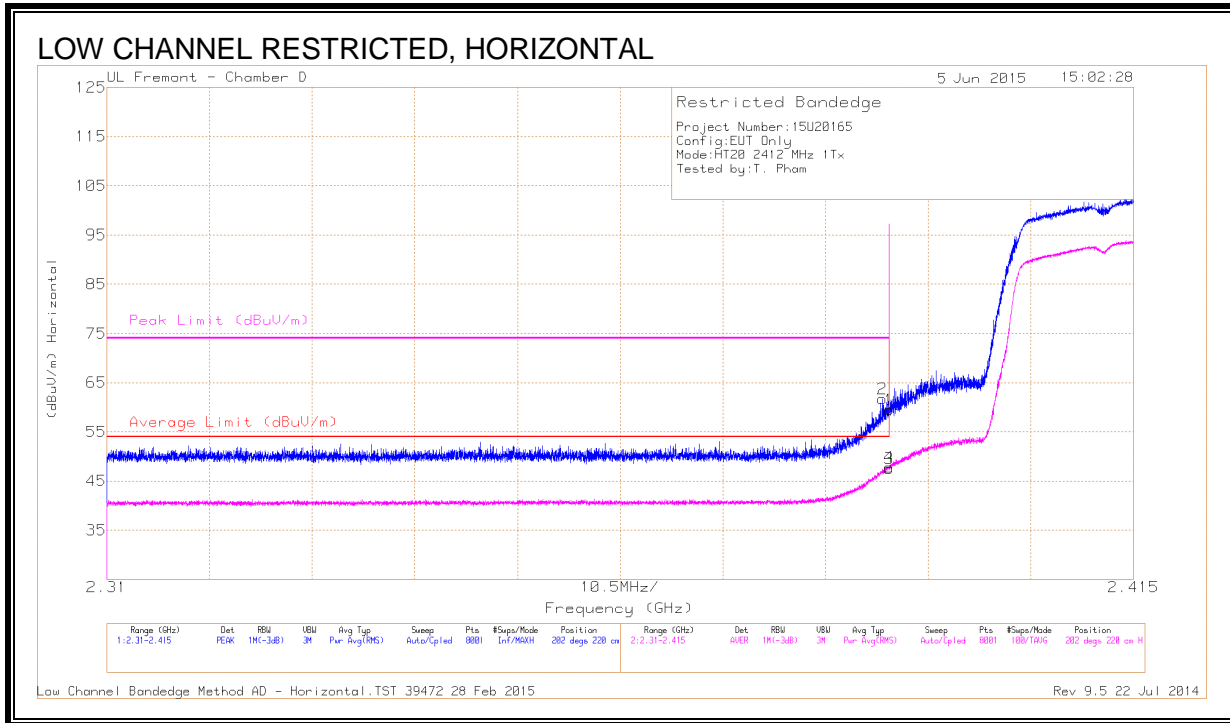


10.2.4. 802.11n HT20 1Tx MODE IN THE 2.4 GHz BAND Chain 1

RESTRICTED BANDEDGE (LOW CHANNEL, CH 1)



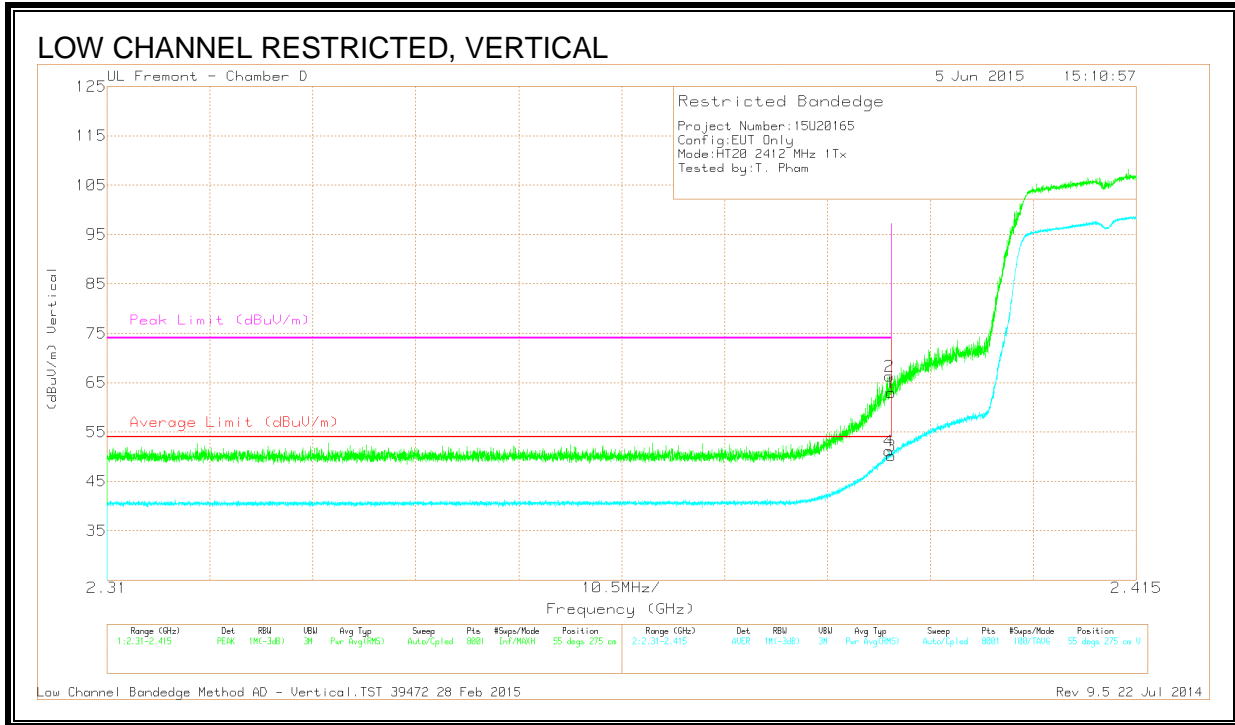
Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ 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
2	* 2.389	50.29	PK	32.1	-20.7	61.69	-	-	74	-12.31	202	220	H
1	* 2.39	48.13	PK	32.1	-20.7	59.53	-	-	74	-14.47	202	220	H
3	* 2.39	36.18	RMS	32.1	-20.7	47.58	54	-6.42	-	-	202	220	H
4	* 2.39	36.44	RMS	32.1	-20.7	47.84	54	-6.16	-	-	202	220	H

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

PK - Peak detector

RMS - RMS detection



Data

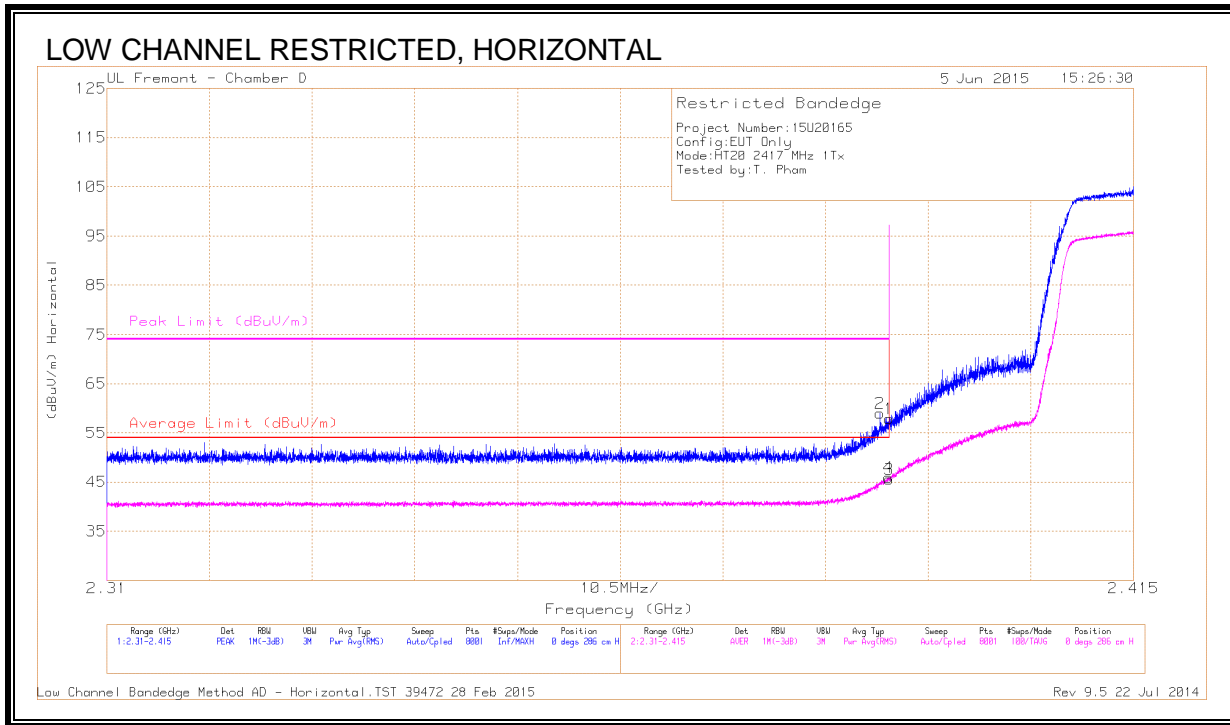
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	51.52	PK	32.1	-20.7	62.92	-	-	74	-11.08	55	275	V
2	* 2.39	54.86	PK	32.1	-20.7	66.26	-	-	74	-7.74	55	275	V
3	* 2.39	38.8	RMS	32.1	-20.7	50.2	54	-3.8	-	-	55	275	V
4	* 2.39	39.73	RMS	32.1	-20.7	51.13	54	-2.87	-	-	55	275	V

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

PK - Peak detector

RMS - RMS detection

RESTRICTED BANDEGE (LOW CHANNEL, CH 2)



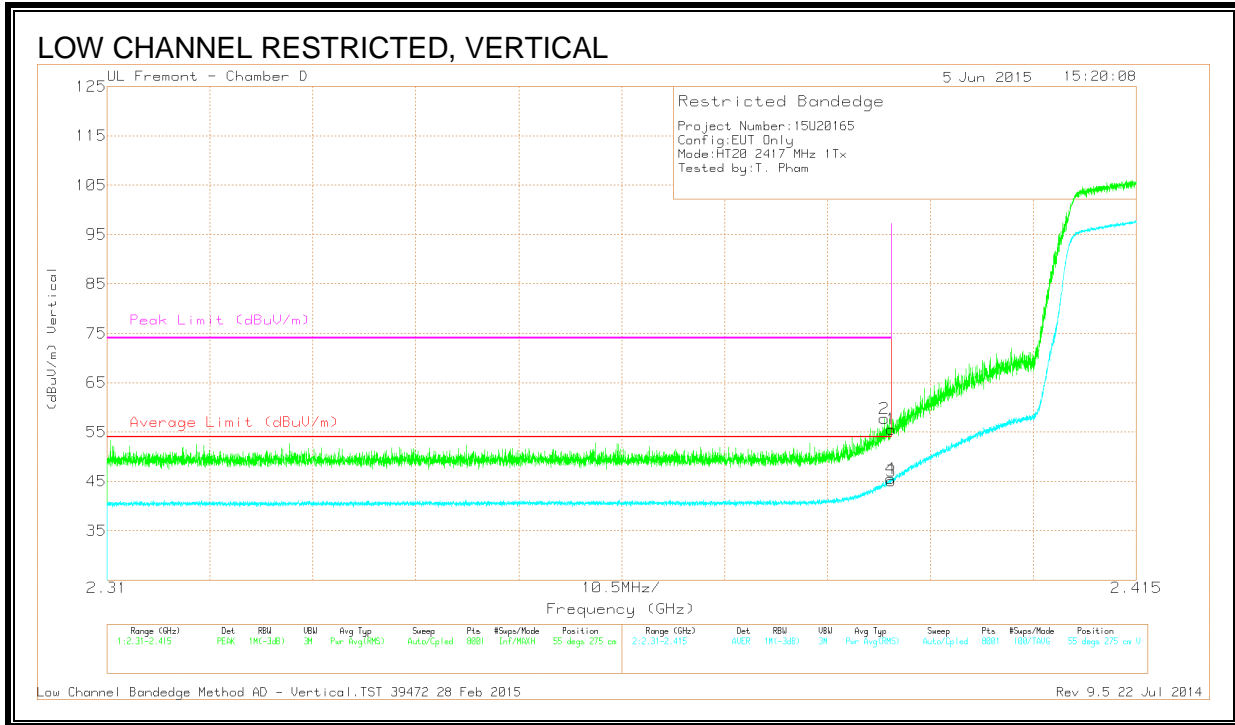
Data

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
2	* 2.389	47.54	PK	32.1	-20.7	58.94	-	-	74	-15.06	0	286	H
1	* 2.39	46.43	PK	32.1	-20.7	57.83	-	-	74	-16.17	0	286	H
3	* 2.39	34.21	RMS	32.1	-20.7	45.61	54	-8.39	-	-	0	286	H
4	* 2.39	34.51	RMS	32.1	-20.7	45.91	54	-8.09	-	-	0	286	H

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

PK - Peak detector

RMS - RMS detection



Data

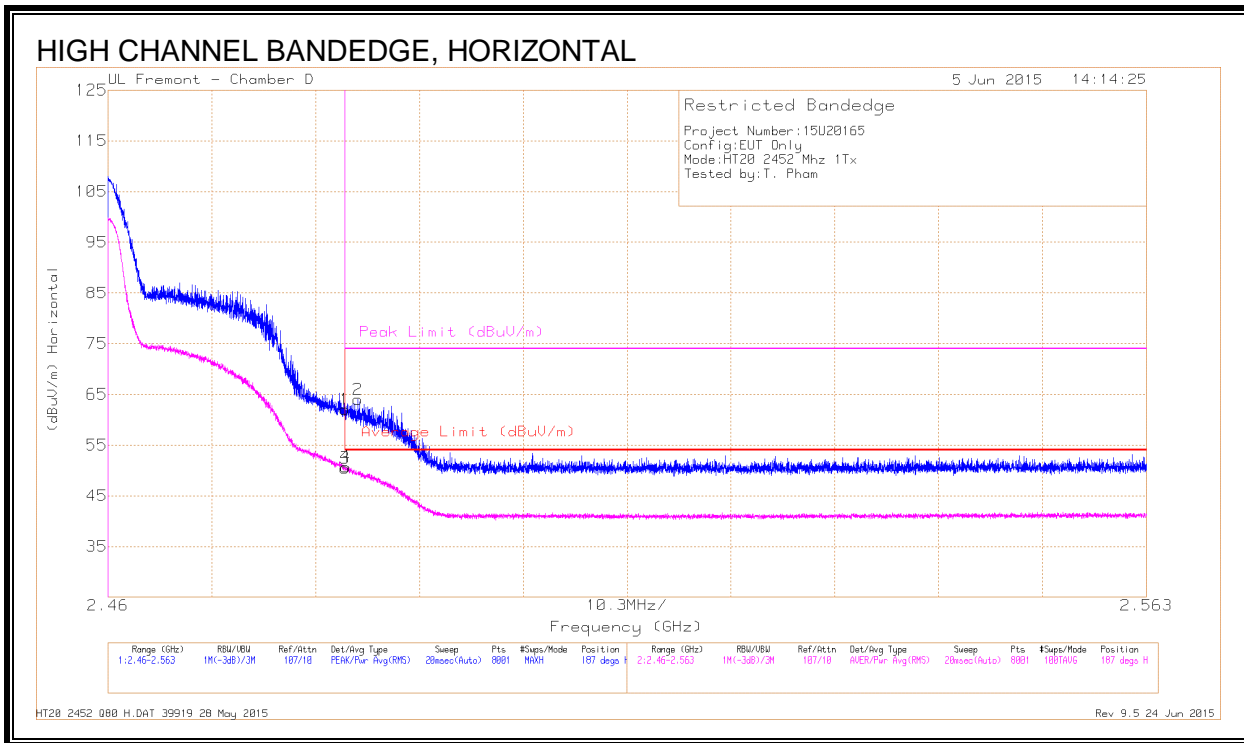
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.389	46.3	PK	32.1	-20.7	57.7	-	-	74	-16.3	55	275	V
1	* 2.39	44.17	PK	32.1	-20.7	55.57	-	-	74	-18.43	55	275	V
3	* 2.39	33.68	RMS	32.1	-20.7	45.08	54	-8.92	-	-	55	275	V
4	* 2.39	33.86	RMS	32.1	-20.7	45.26	54	-8.74	-	-	55	275	V

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

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 9)



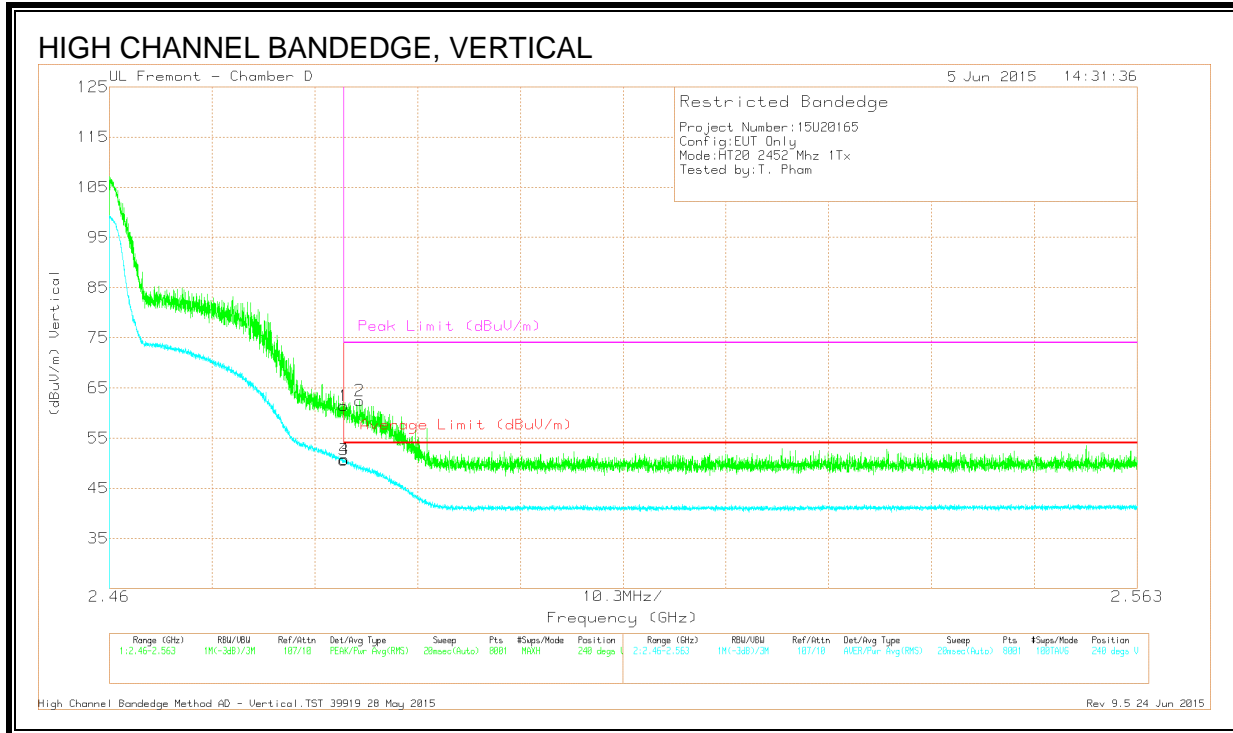
Data

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	50.63	Pk	32.2	-20.8	62.03	-	-	74	-11.97	187	267	H
3	* 2.484	39.08	RMS	32.2	-20.8	50.48	54	-3.52	-	-	187	267	H
4	* 2.484	39.34	RMS	32.2	-20.8	50.74	54	-3.26	-	-	187	267	H
2	* 2.485	52.6	Pk	32.2	-20.8	64	-	-	74	-10	187	267	H

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

Pk - Peak detector

RMS - RMS detection



Data

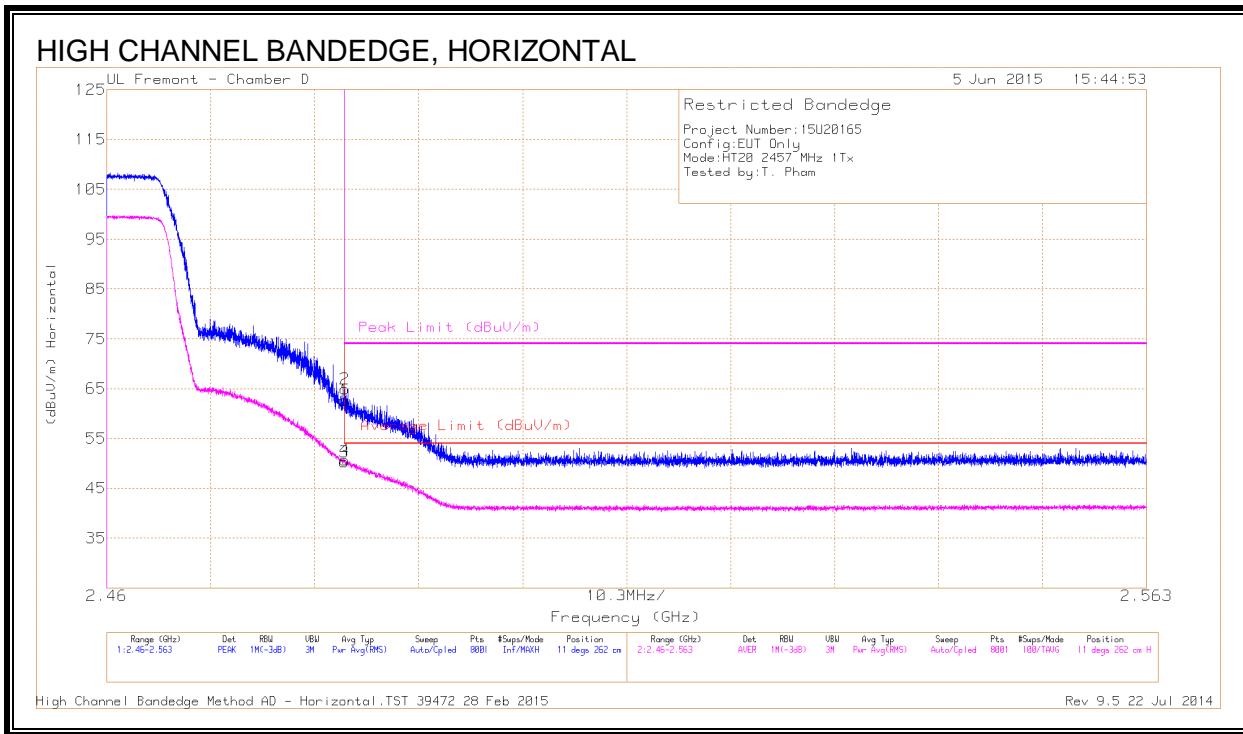
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.01	Pk	32.2	-20.8	61.41	-	-	74	-12.59	240	326	V
3	* 2.484	39.24	RMS	32.2	-20.8	50.64	54	-3.36	-	-	240	326	V
4	* 2.484	39.36	RMS	32.2	-20.8	50.76	54	-3.24	-	-	240	326	V
2	* 2.485	51.05	Pk	32.2	-20.8	62.45	-	-	74	-11.55	240	326	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEGE (HIGH CHANNEL, CH 10)



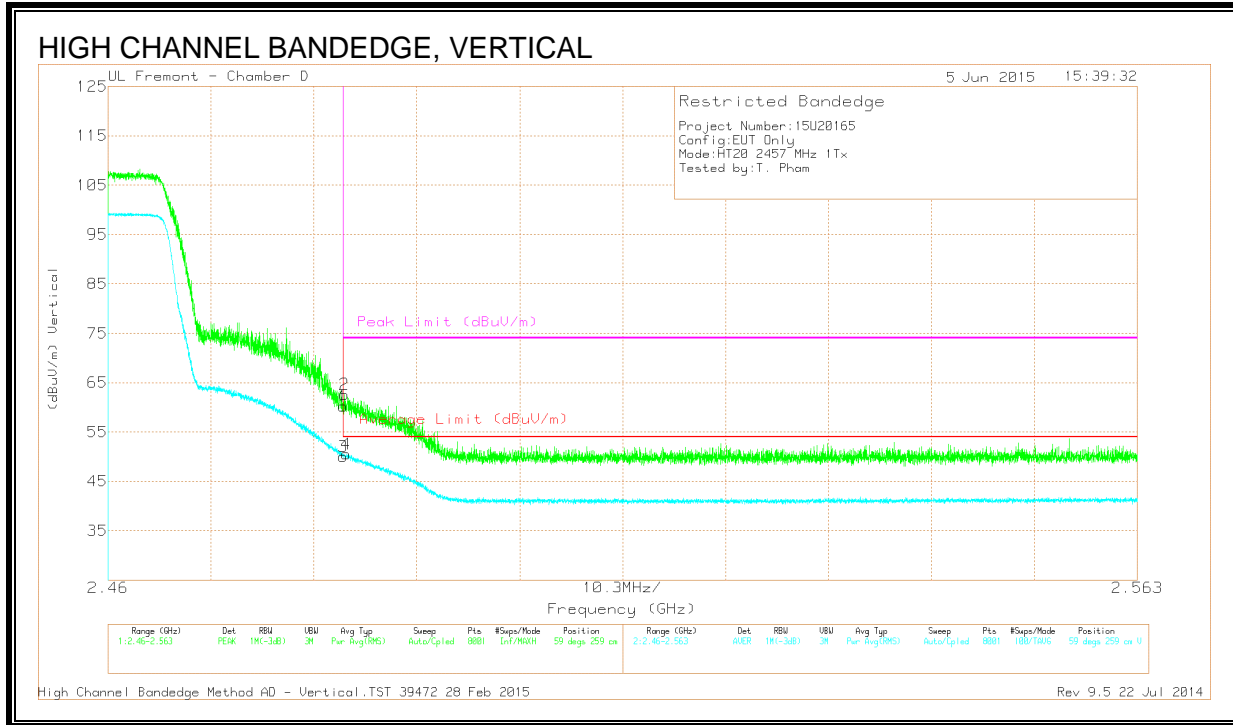
Data

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	51.25	PK	32.2	-20.8	62.65	-	-	74	-11.35	11	262	H
2	* 2.484	53.59	PK	32.2	-20.8	64.99	-	-	74	-9.01	11	262	H
3	* 2.484	38.81	RMS	32.2	-20.8	50.21	54	-3.79	-	-	11	262	H
4	* 2.484	39.22	RMS	32.2	-20.8	50.62	54	-3.38	-	-	11	262	H

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

PK - Peak detector

RMS - RMS detection



Data

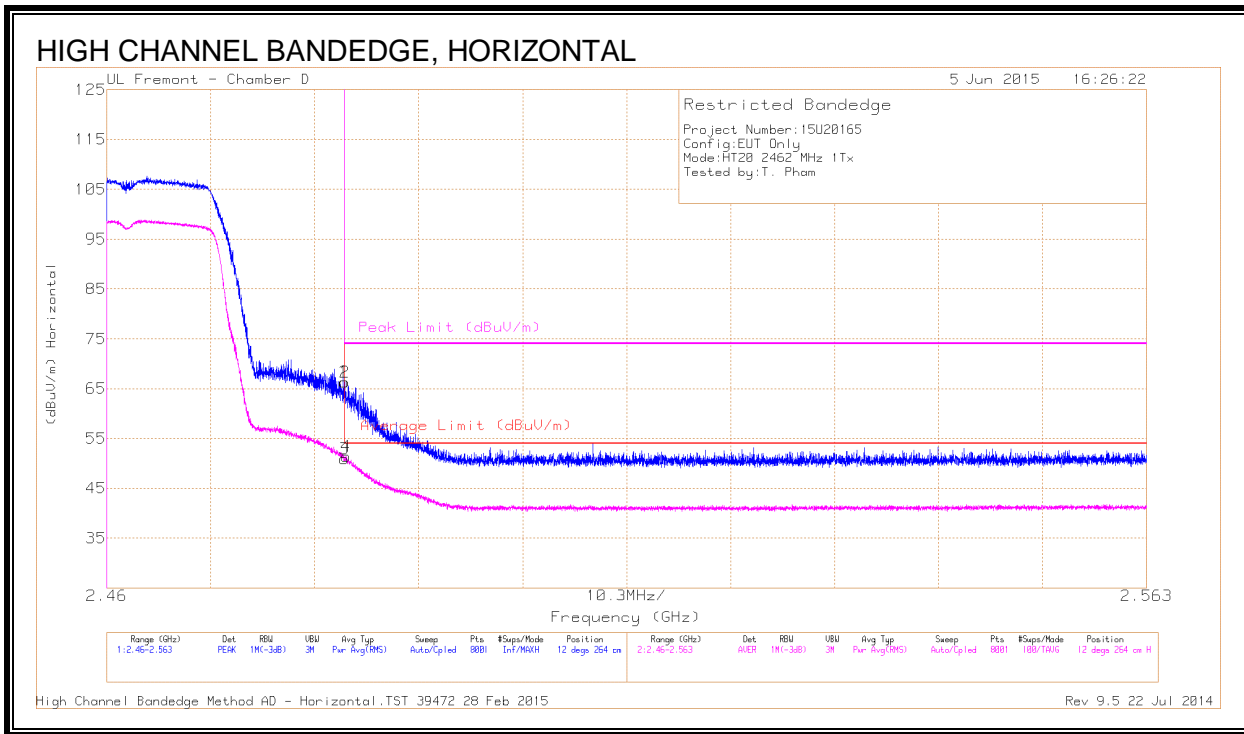
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.8	PK	32.2	-20.8	60.2	-	-	74	-13.8	59	259	V
2	* 2.484	51.24	PK	32.2	-20.8	62.64	-	-	74	-11.36	59	259	V
3	* 2.484	38.68	RMS	32.2	-20.8	50.08	54	-3.92	-	-	59	259	V
4	* 2.484	39.17	RMS	32.2	-20.8	50.57	54	-3.43	-	-	59	259	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)



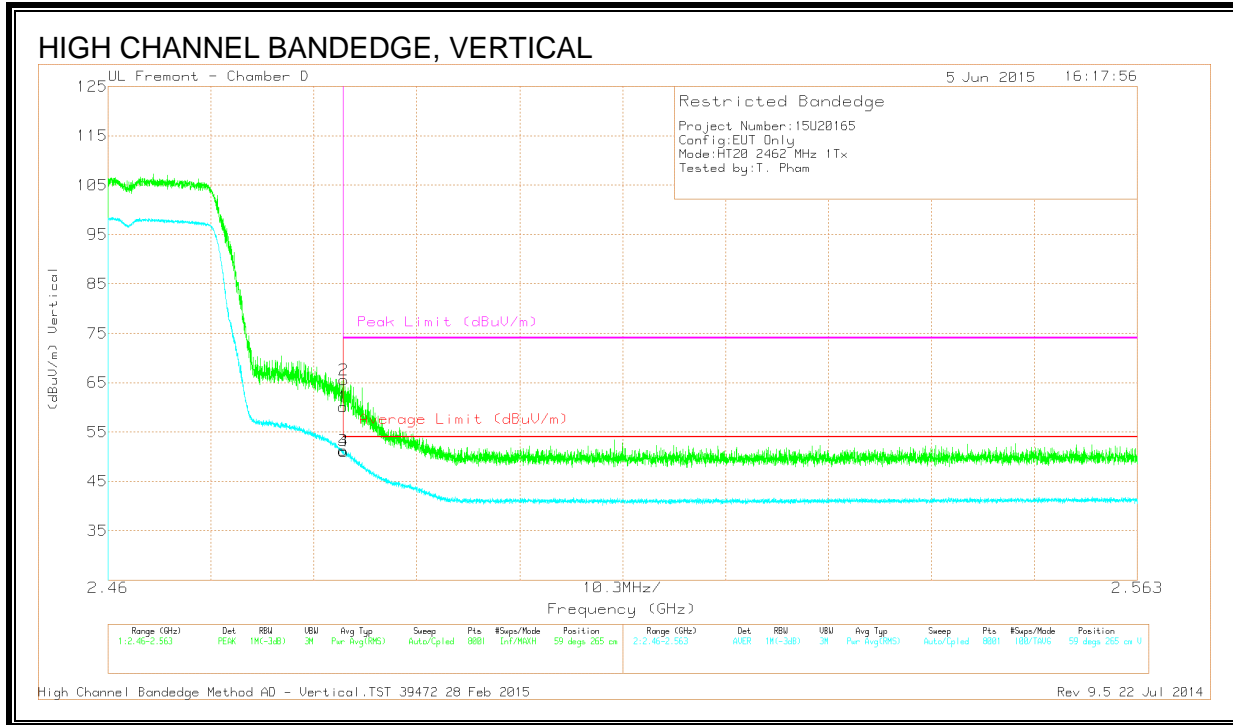
Data

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	54.97	PK	32.2	-20.8	66.37	-	-	74	-7.63	12	264	H
2	* 2.484	54.91	PK	32.2	-20.8	66.31	-	-	74	-7.69	12	264	H
3	* 2.484	39.43	RMS	32.2	-20.8	50.83	54	-3.17	-	-	12	264	H
4	* 2.484	39.99	RMS	32.2	-20.8	51.39	54	-2.61	-	-	12	264	H

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

PK - Peak detector

RMS - RMS detection



Data

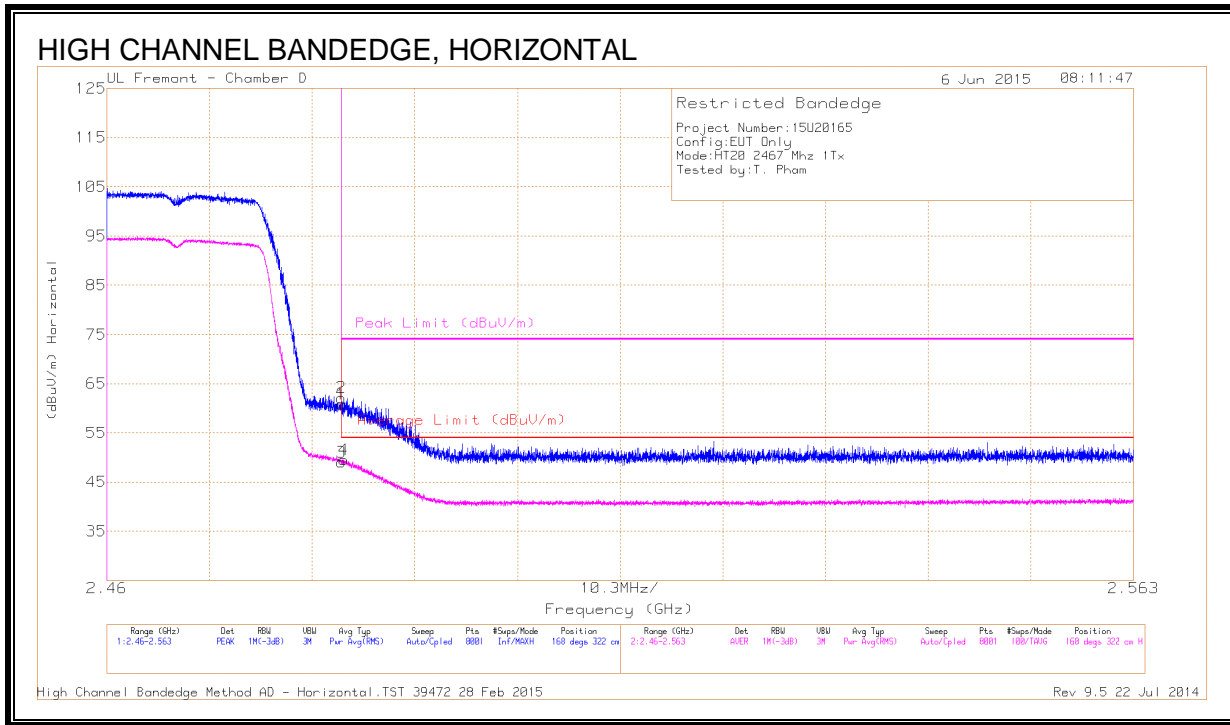
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.75	PK	32.2	-20.8	60.15	-	-	74	-13.85	59	265	V
2	* 2.484	54.21	PK	32.2	-20.8	65.61	-	-	74	-8.39	59	265	V
3	* 2.484	39.58	RMS	32.2	-20.8	50.98	54	-3.02	-	-	59	265	V
4	* 2.484	39.84	RMS	32.2	-20.8	51.24	54	-2.76	-	-	59	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)



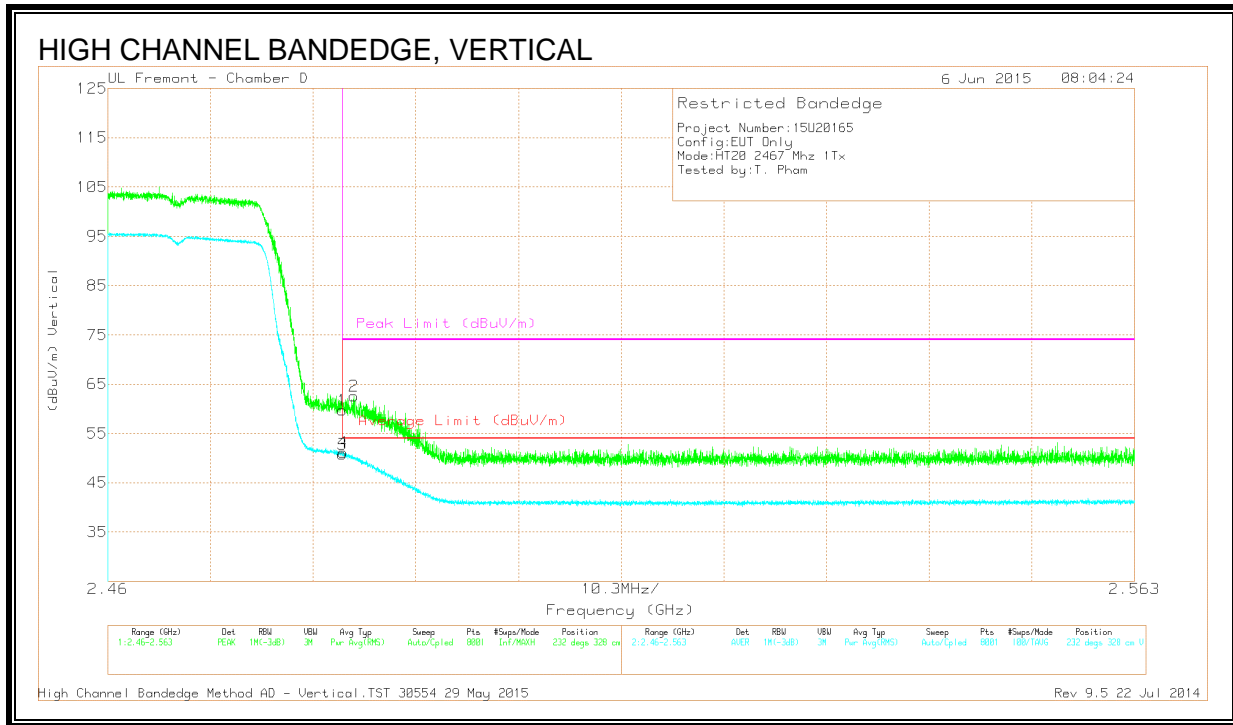
Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/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	49.43	PK	32.2	-20.8	60.83	-	-	74	-13.17	168	322	H
2	* 2.484	50.75	PK	32.2	-20.8	62.15	-	-	74	-11.85	168	322	H
3	* 2.484	37.7	RMS	32.2	-20.8	49.1	54	-4.9	-	-	168	322	H
4	* 2.484	38.17	RMS	32.2	-20.8	49.57	54	-4.43	-	-	168	322	H

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

PK - Peak detector

RMS - RMS detection



Data

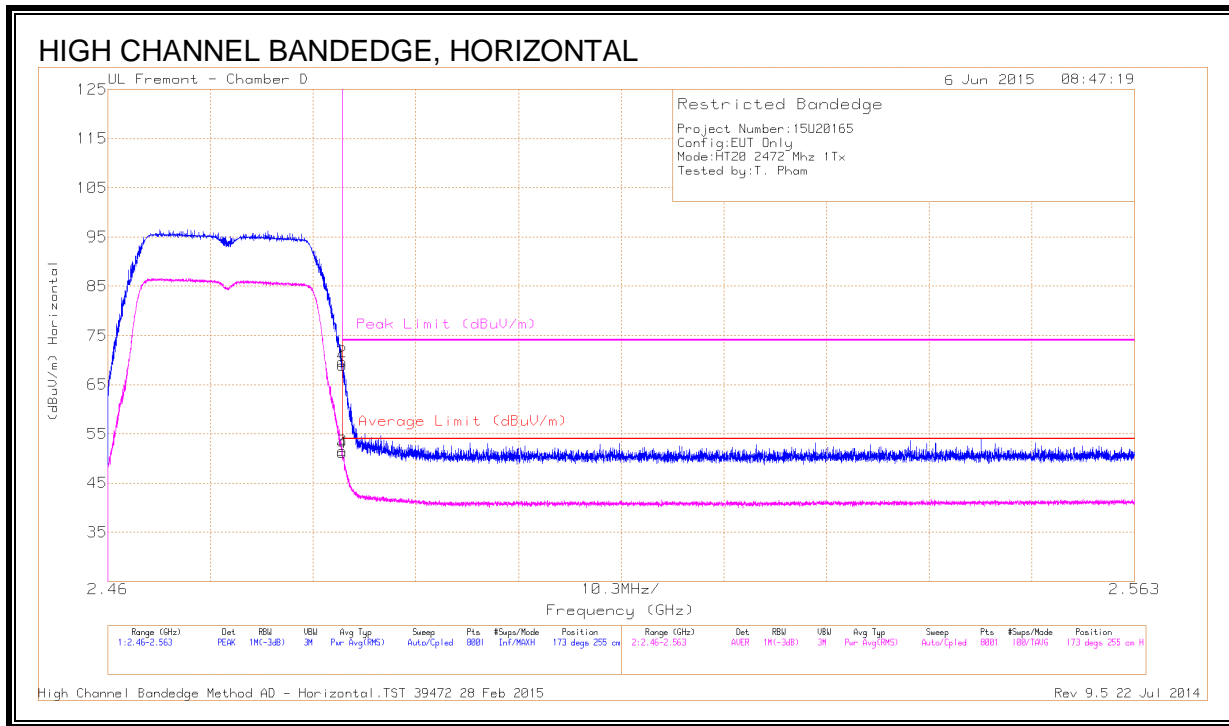
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.38	PK	32.2	-20.8	59.78	-	-	74	-14.22	232	328	V
2	* 2.485	51.2	PK	32.2	-20.8	62.6	-	-	74	-11.4	232	328	V
3	* 2.484	39.35	RMS	32.2	-20.8	50.75	54	-3.25	-	-	232	328	V
4	* 2.484	39.74	RMS	32.2	-20.8	51.14	54	-2.86	-	-	232	328	V

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

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 13)



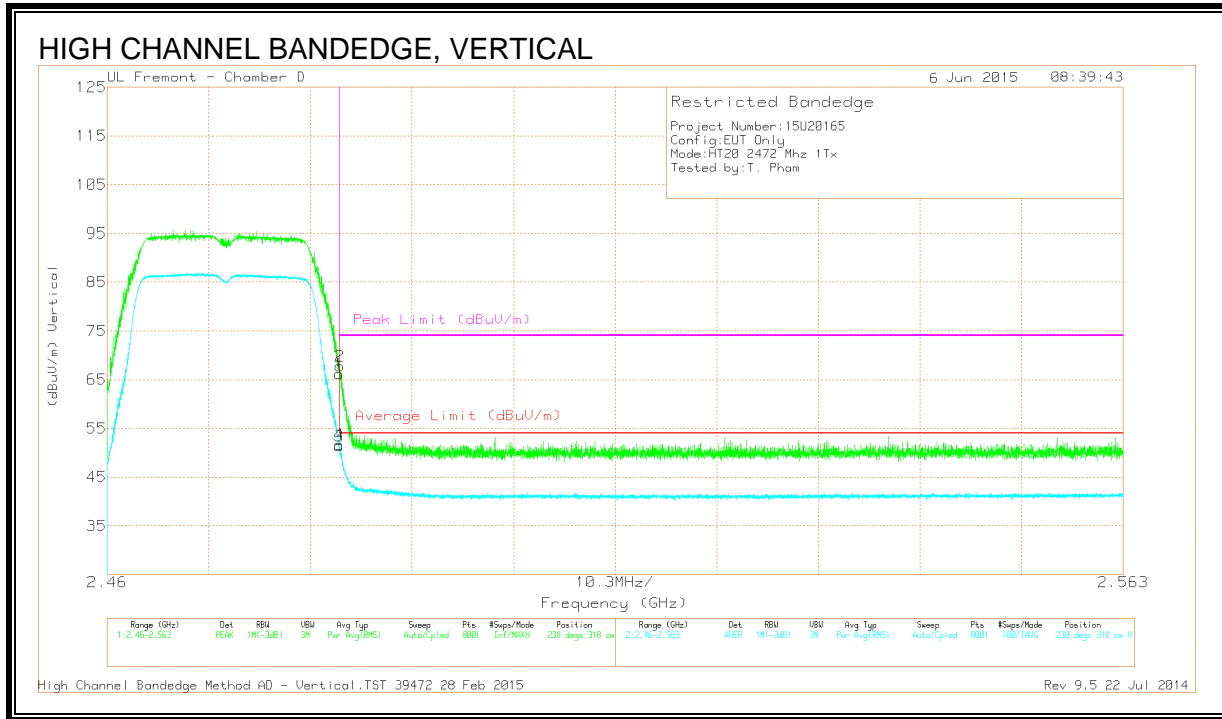
Data

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	57.47	PK	32.2	-20.8	68.87	-	-	74	-5.13	173	255	H
2	* 2.484	58.27	PK	32.2	-20.8	69.67	-	-	74	-4.33	173	255	H
3	* 2.484	40.15	RMS	32.2	-20.8	51.55	54	-2.45	-	-	173	255	H
4	* 2.484	39.78	RMS	32.2	-20.8	51.18	54	-2.82	-	-	173	255	H

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

PK - Peak detector

RMS - RMS detection



Data

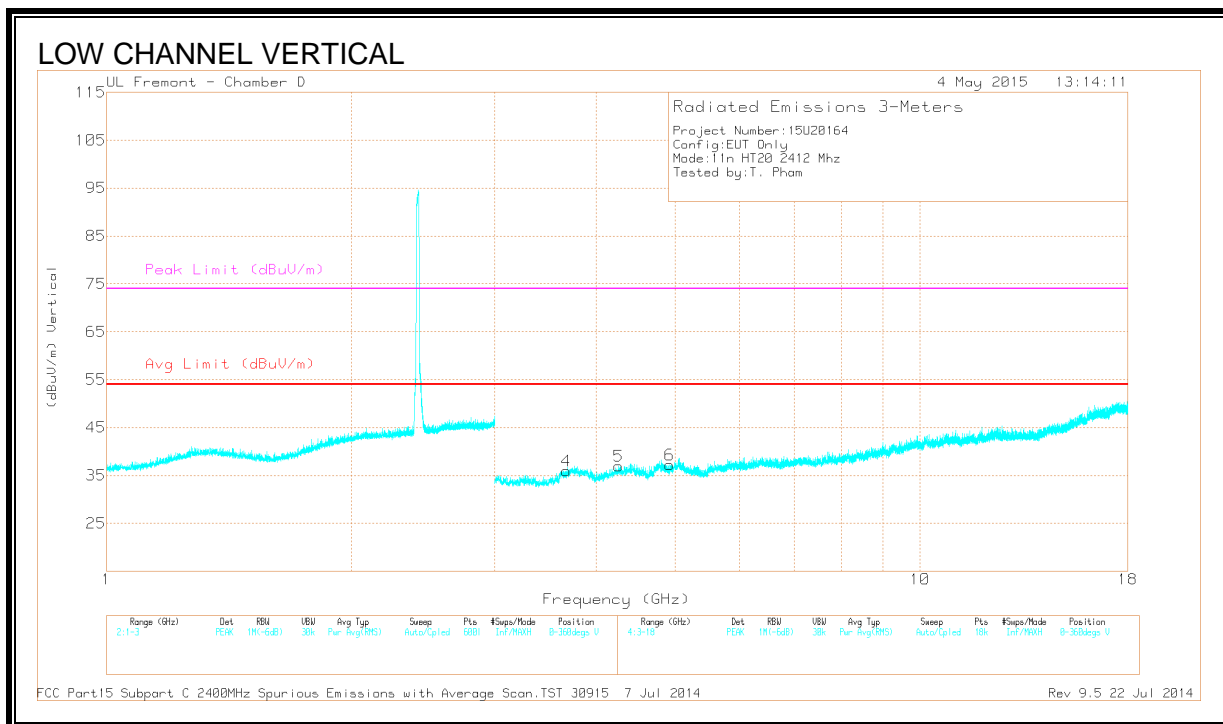
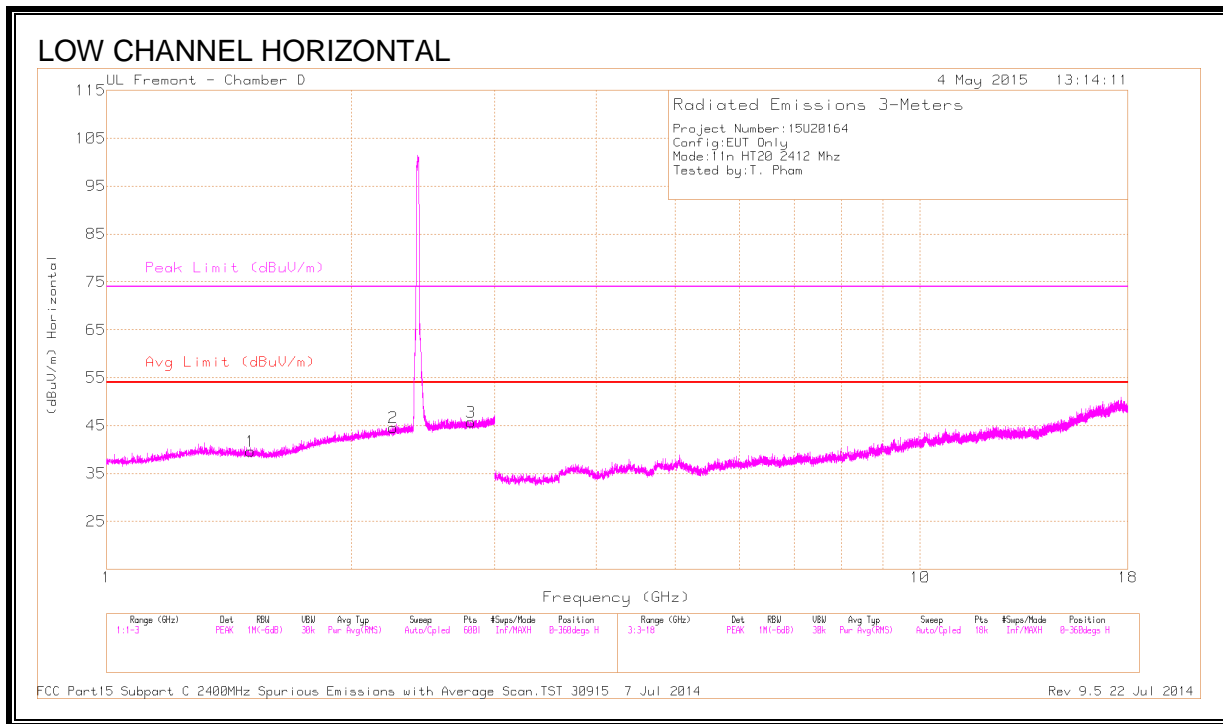
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.79	PK	32.2	-20.8	66.19	-	-	74	-7.81	238	318	V
2	* 2.484	56.42	PK	32.2	-20.8	67.82	-	-	74	-6.18	238	318	V
3	* 2.484	40.23	RMS	32.2	-20.8	51.63	54	-2.37	-	-	238	318	V
4	* 2.484	39.61	RMS	32.2	-20.8	51.01	54	-2.99	-	-	238	318	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

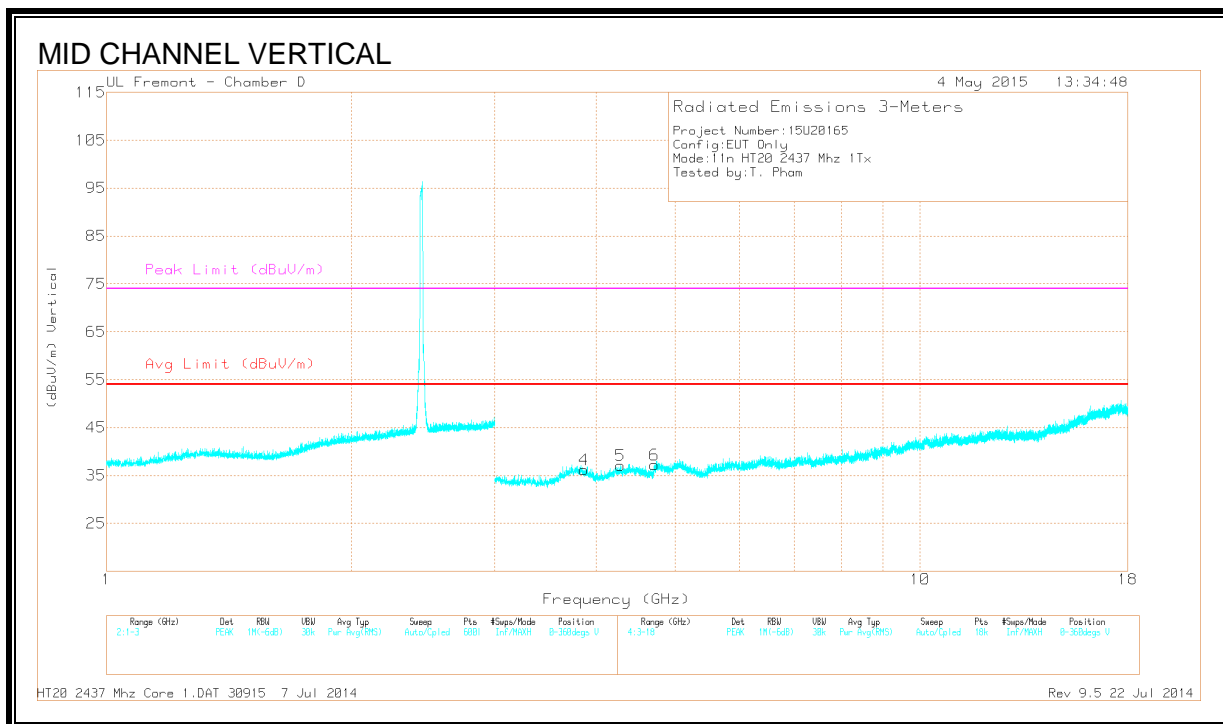
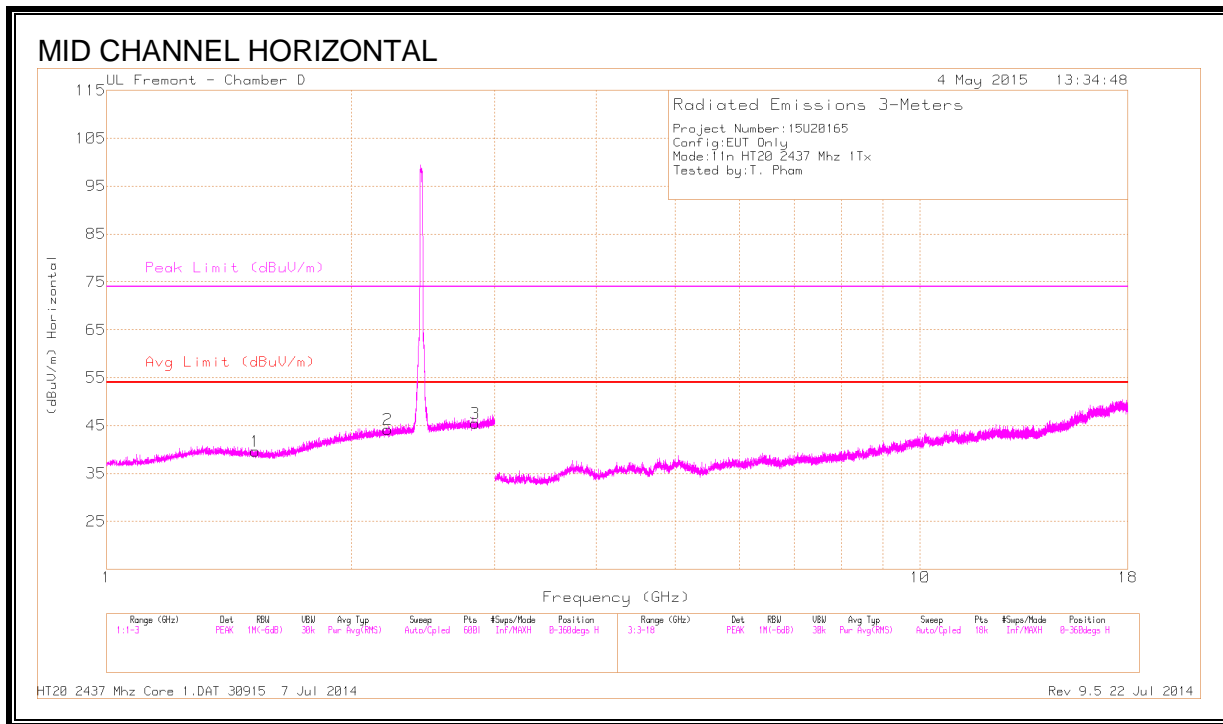
	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.504	41.88	PK2	28.2	-21.9	48.18	-	-	74	-25.82	0	100	H
	* 1.501	30.13	MAv1	28.2	-21.9	36.43	54	-17.57	-	-	0	100	H
2	* 2.254	41.1	PK2	31.8	-21.1	51.8	-	-	74	-22.2	0	100	H
	* 2.253	30.14	MAv1	31.8	-21.1	40.84	54	-13.16	-	-	0	100	H
3	* 2.805	41.82	PK2	32.5	-20.3	54.02	-	-	74	-19.98	0	100	H
	* 2.803	29.87	MAv1	32.5	-20.3	42.07	54	-11.93	-	-	0	100	H
4	* 3.676	39.59	PK2	33.2	-29.2	43.59	-	-	74	-30.41	0	100	V
	* 3.674	27.78	MAv1	33.2	-29.2	31.78	54	-22.22	-	-	0	100	V
5	* 4.257	37.6	PK2	33.5	-27.9	43.2	-	-	74	-30.8	0	100	V
	* 4.255	26.76	MAv1	33.5	-27.8	32.46	54	-21.54	-	-	0	100	V
6	* 4.924	37.37	PK2	34.1	-28.2	43.27	-	-	74	-30.73	0	100	V
	* 4.926	26.97	MAv1	34.1	-28.2	32.87	54	-21.13	-	-	0	100	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

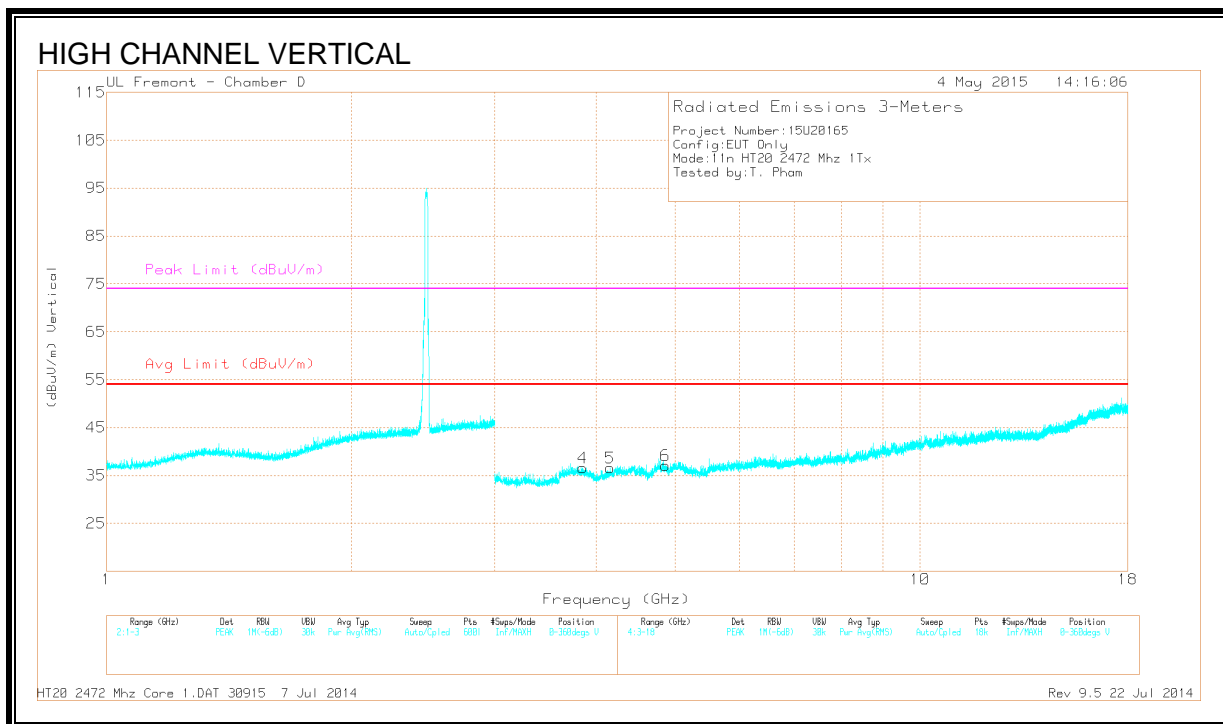
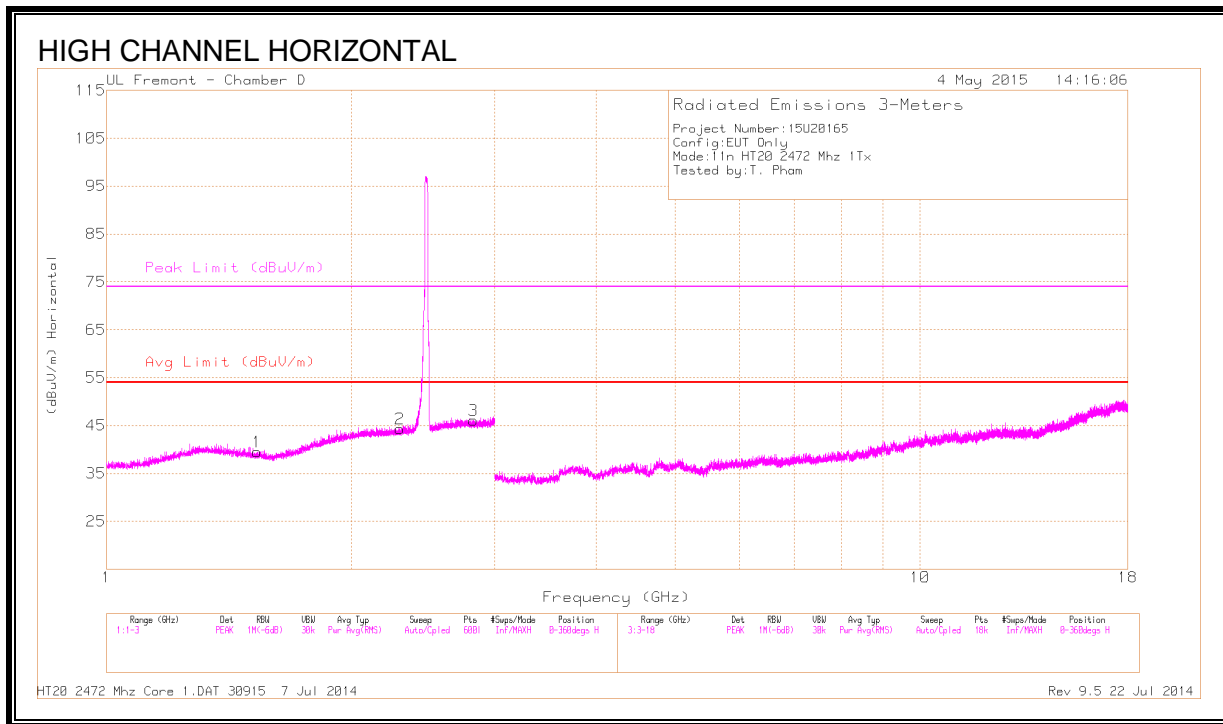
	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.522	41.48	PK2	28.2	-21.9	47.78	-	-	74	-26.22	0	100	H
	* 1.526	30.16	MAv1	28.2	-21.9	36.46	54	-17.54	-	-	0	100	H
2	* 2.214	41.78	PK2	31.6	-21.1	52.28	-	-	74	-21.72	0	100	H
	* 2.217	30.06	MAv1	31.6	-21.1	40.56	54	-13.44	-	-	0	100	H
3	* 2.838	41.43	PK2	32.5	-20.3	53.63	-	-	74	-20.37	0	100	H
	* 2.838	29.88	MAv1	32.5	-20.3	42.08	54	-11.92	-	-	0	100	H
4	* 3.859	40.03	PK2	33.4	-28.7	44.73	-	-	74	-29.27	0	100	V
	* 3.859	27.99	MAv1	33.4	-28.7	32.69	54	-21.31	-	-	0	100	V
5	* 4.279	38.63	PK2	33.6	-28.1	44.13	-	-	74	-29.87	0	100	V
	* 4.281	27.21	MAv1	33.6	-28.1	32.71	54	-21.29	-	-	0	100	V
6	* 4.711	37.9	PK2	34.2	-27.3	44.8	-	-	74	-29.2	0	100	V
	* 4.711	27.32	MAv1	34.2	-27.3	34.22	54	-19.78	-	-	0	100	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 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	* 1.533	41.32	PK2	28.2	-21.9	47.62	-	-	74	-26.38	0	101	H
	* 1.533	30.17	MAv1	28.2	-21.9	36.47	54	-17.53	-	-	0	101	H
2	* 2.293	41.24	PK2	32	-21	52.24	-	-	74	-21.76	0	101	H
	* 2.293	30.12	MAv1	32	-21	41.12	54	-12.88	-	-	0	101	H
3	* 2.822	41.69	PK2	32.5	-20.3	53.89	-	-	74	-20.11	0	101	H
	* 2.824	29.98	MAv1	32.5	-20.3	42.18	54	-11.82	-	-	0	101	H
4	* 3.845	39.1	PK2	33.4	-28.7	43.8	-	-	74	-30.2	0	101	V
	* 3.845	28.44	MAv1	33.4	-28.7	33.14	54	-20.86	-	-	0	101	V
5	* 4.163	38.77	PK2	33.4	-28.1	44.07	-	-	74	-29.93	0	101	V
	* 4.16	27.3	MAv1	33.4	-28.1	32.6	54	-21.4	-	-	0	101	V
6	* 4.867	38.35	PK2	34.1	-28.1	44.35	-	-	74	-29.65	0	101	V
	* 4.865	27.05	MAv1	34.1	-28.1	33.05	54	-20.95	-	-	0	101	V

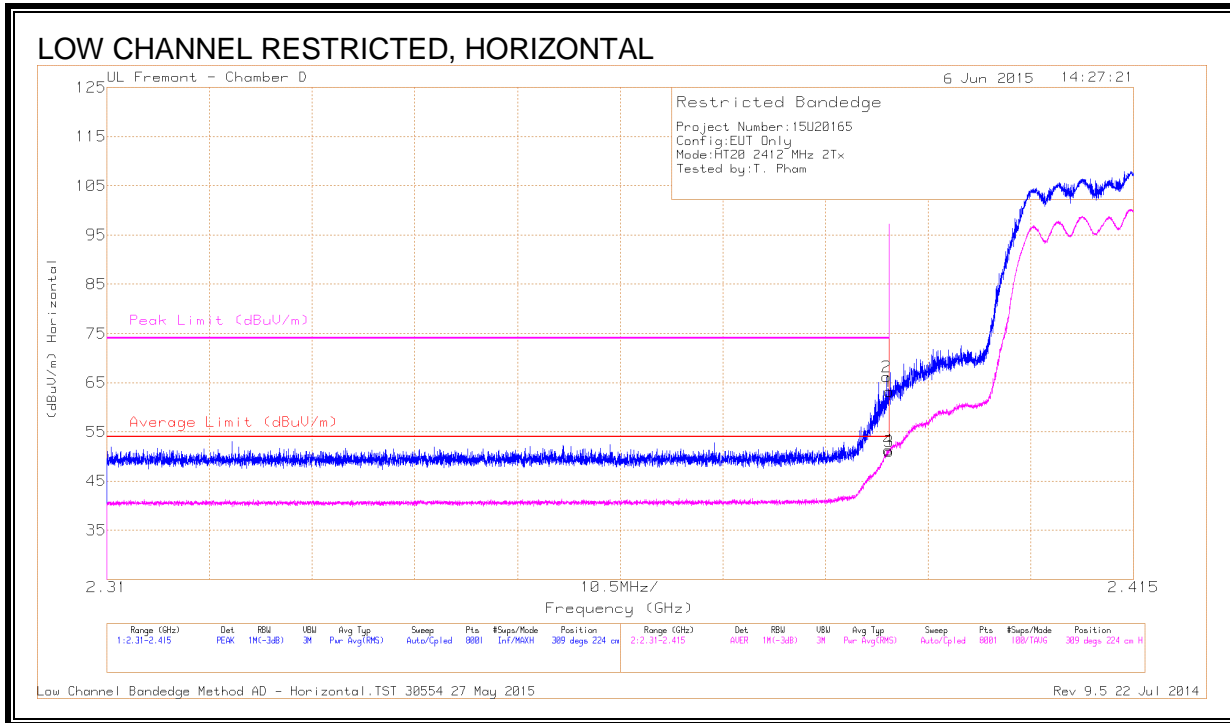
* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

10.2.5. 802.11n HT20 2TX MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL, CH 1)



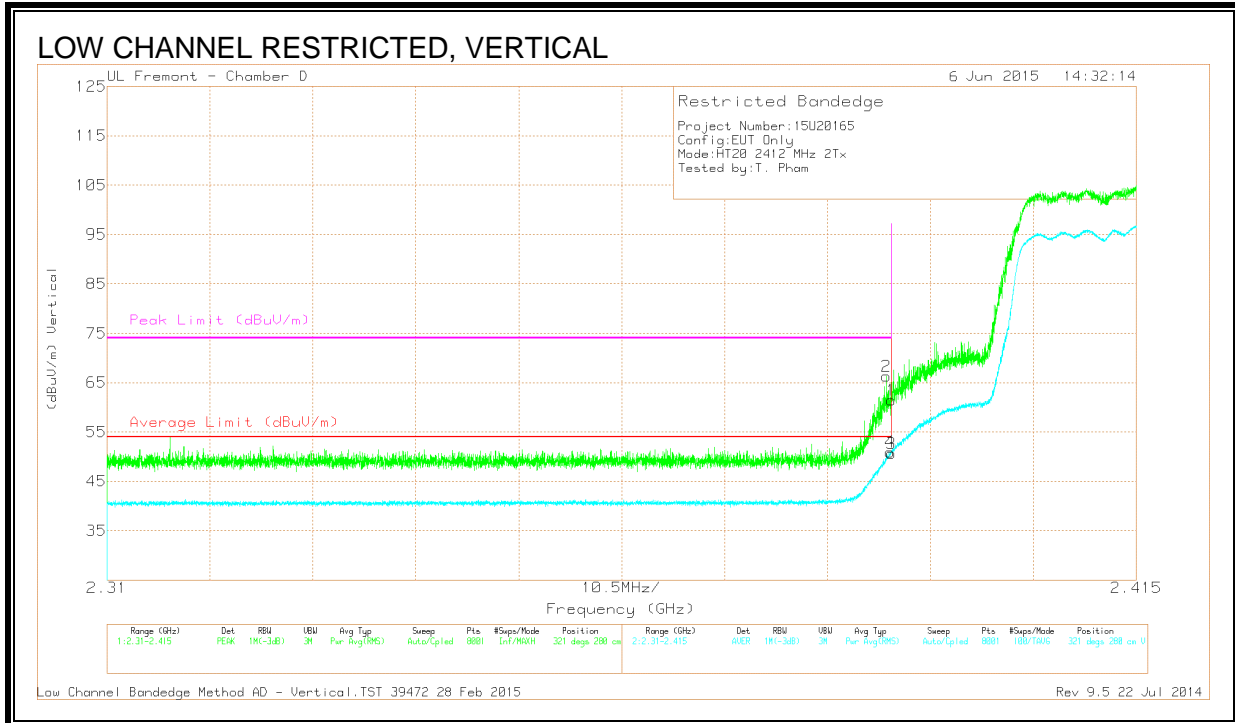
Data

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	51.8	PK	32.1	-20.7	63.2	-	-	74	-10.8	309	224	H
2	* 2.39	54.83	PK	32.1	-20.7	66.23	-	-	74	-7.77	309	224	H
3	* 2.39	39.45	RMS	32.1	-20.7	50.85	54	-3.15	-	-	309	224	H
4	* 2.39	39.14	RMS	32.1	-20.7	50.54	54	-3.46	-	-	309	224	H

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

PK - Peak detector

RMS - RMS detection



Data

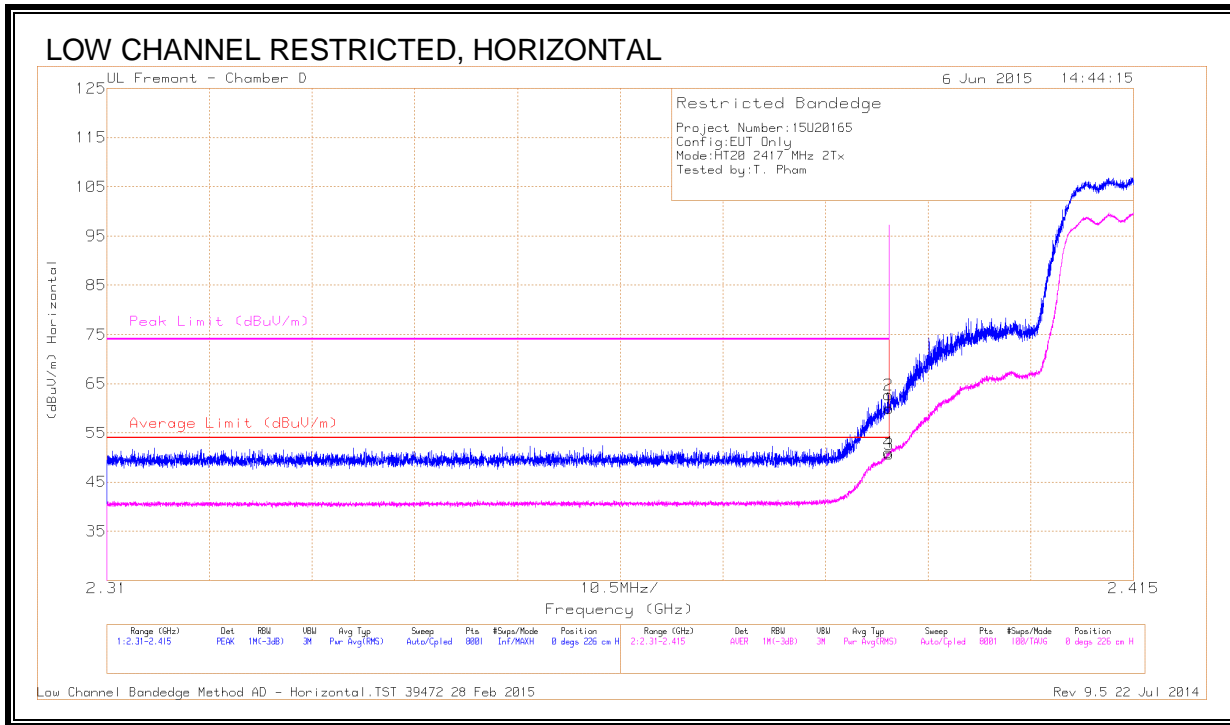
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	50.06	PK	32.1	-20.7	61.46	-	-	74	-12.54	321	280	V
2	* 2.39	54.93	PK	32.1	-20.7	66.33	-	-	74	-7.67	321	280	V
3	* 2.39	39.4	RMS	32.1	-20.7	50.8	54	-3.2	-	-	321	280	V
4	* 2.39	39.43	RMS	32.1	-20.7	50.83	54	-3.17	-	-	321	280	V

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

PK - Peak detector

RMS - RMS detection

RESTRICTED BANDEGE (LOW CHANNEL, CH 2)



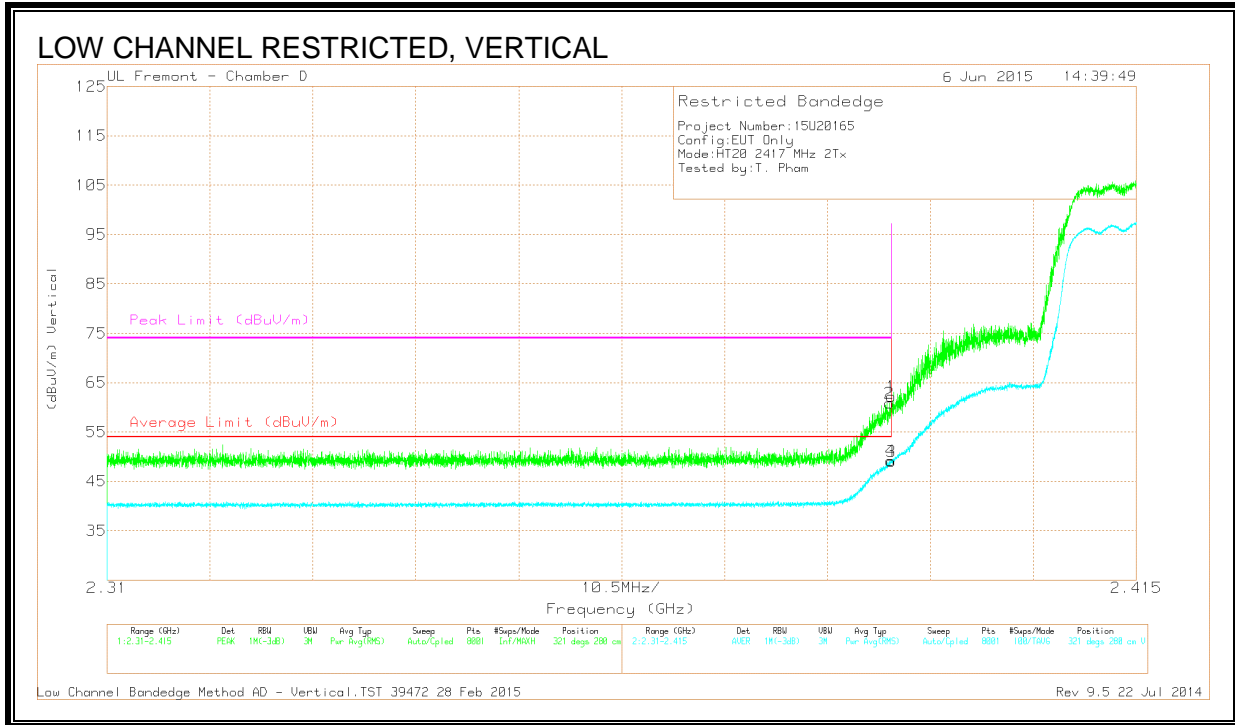
Data

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	48.56	PK	32.1	-20.7	59.96	-	-	74	-14.04	0	226	H
2	* 2.39	51.29	PK	32.1	-20.7	62.69	-	-	74	-11.31	0	226	H
3	* 2.39	38.39	RMS	32.1	-20.7	49.79	54	-4.21	-	-	0	226	H
4	* 2.39	38.93	RMS	32.1	-20.7	50.33	54	-3.67	-	-	0	226	H

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

PK - Peak detector

RMS - RMS detection



Data

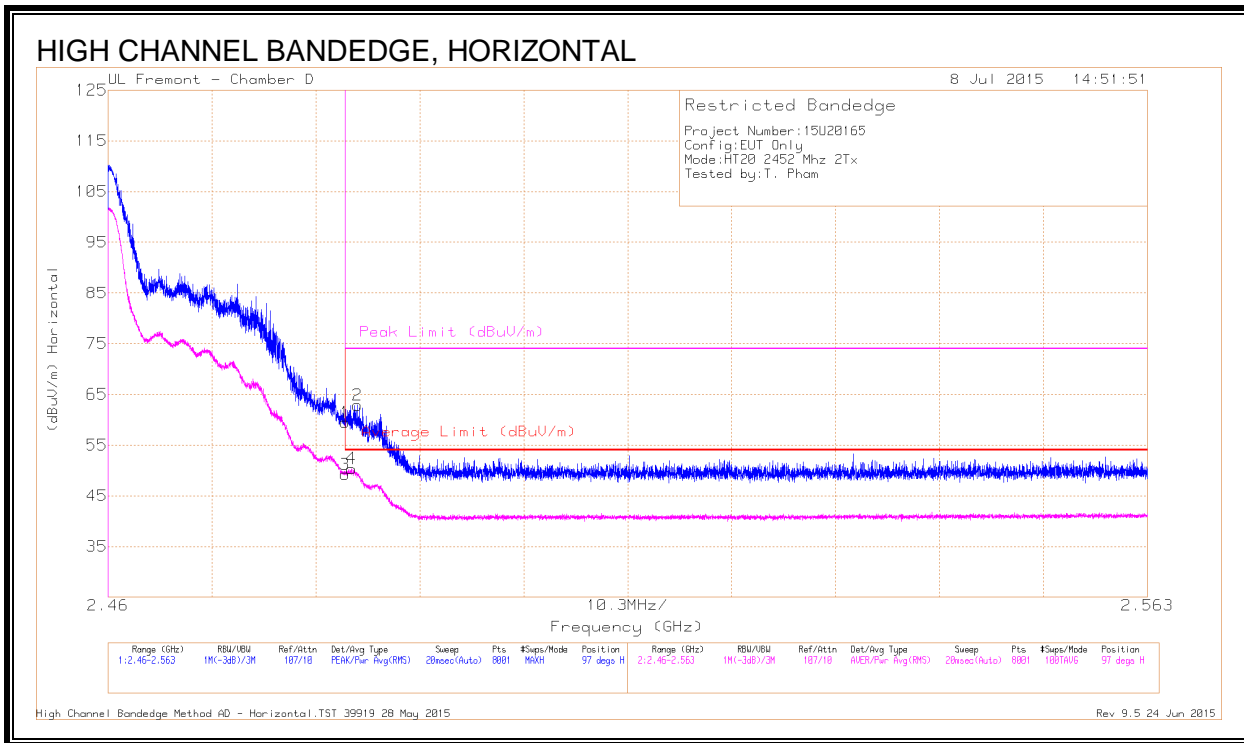
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	50.76	PK	32.1	-20.7	62.16	-	-	74	-11.84	321	280	V
2	* 2.39	49.48	PK	32.1	-20.7	60.88	-	-	74	-13.12	321	280	V
3	* 2.39	37.7	RMS	32.1	-20.7	49.1	54	-4.9	-	-	321	280	V
4	* 2.39	37.75	RMS	32.1	-20.7	49.15	54	-4.85	-	-	321	280	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 9)



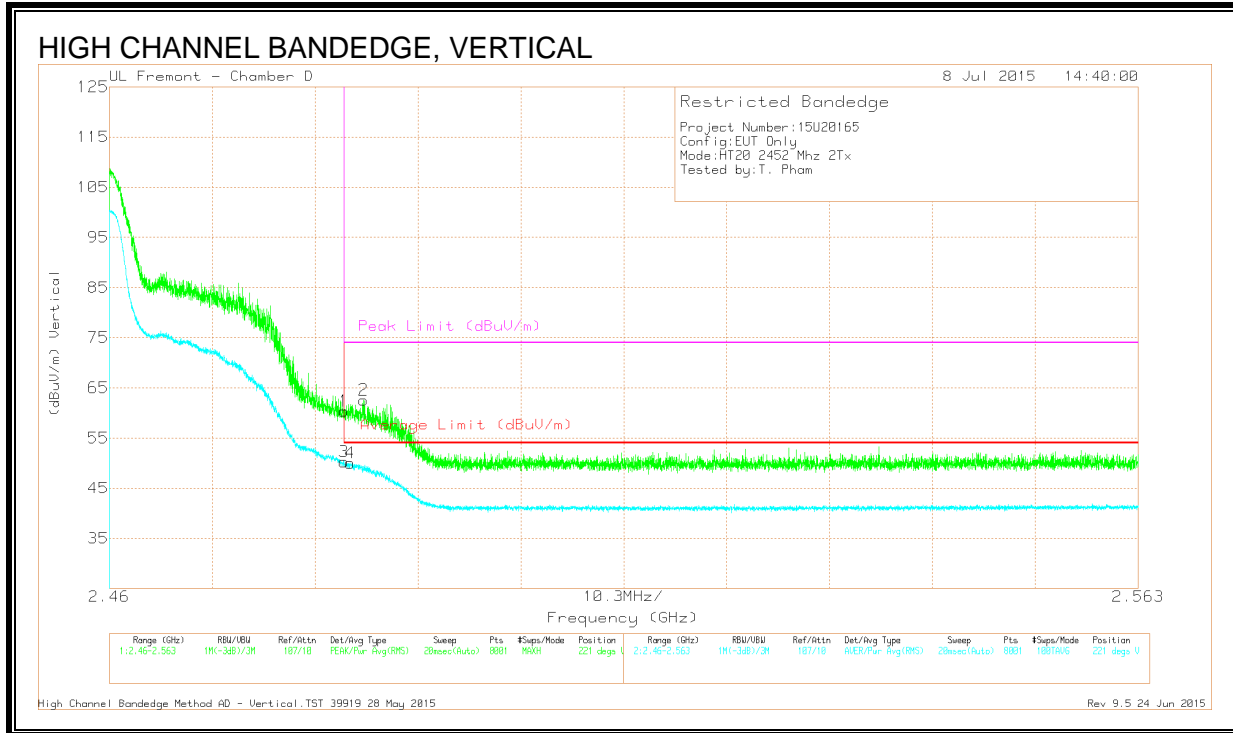
Data

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	48.06	Pk	32.2	-20.8	59.46	-	-	74	-14.54	97	262	H
3	* 2.484	37.82	RMS	32.2	-20.8	49.22	54	-4.78	-	-	97	262	H
4	* 2.484	38.97	RMS	32.2	-20.8	50.37	54	-3.63	-	-	97	262	H
2	* 2.485	51.46	Pk	32.2	-20.8	62.86	-	-	74	-11.14	97	262	H

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

Pk - Peak detector

RMS - RMS detection



Data

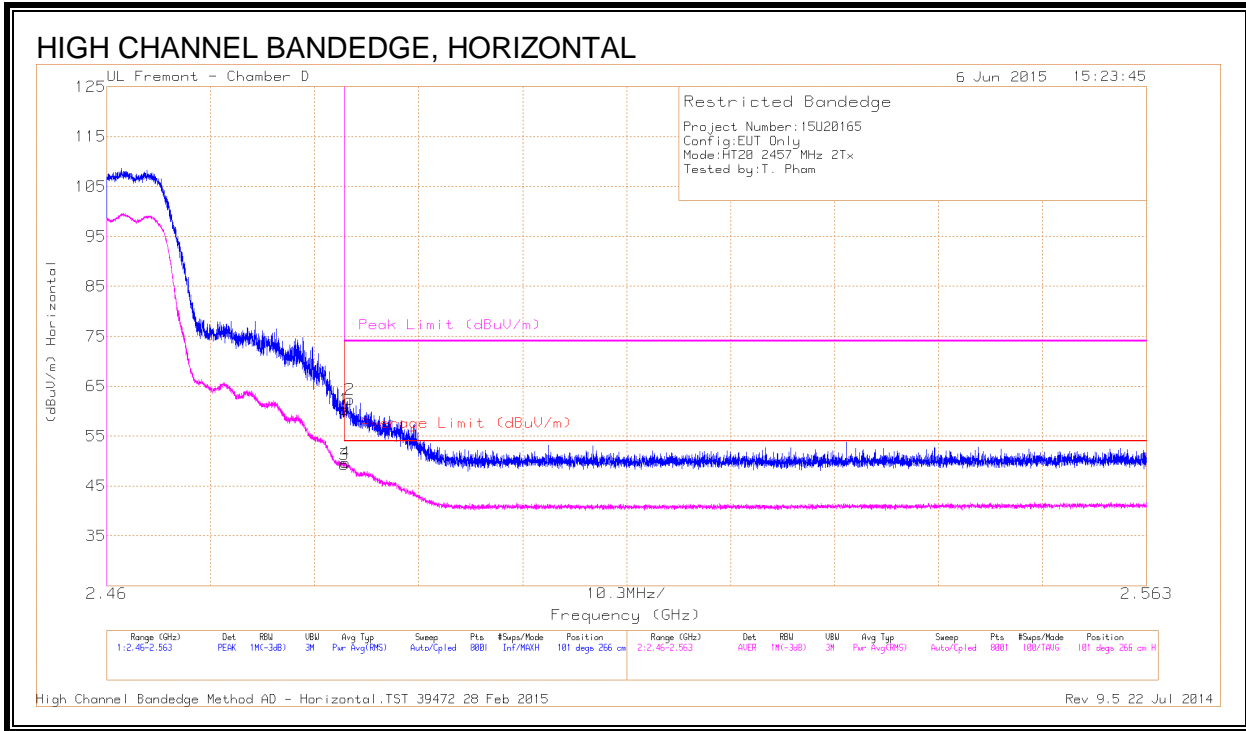
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.97	Pk	32.2	-20.8	60.37	-	-	74	-13.63	221	266	V
3	* 2.484	38.88	RMS	32.2	-20.8	50.28	54	-3.72	-	-	221	266	V
4	* 2.484	38.64	RMS	32.2	-20.8	50.04	54	-3.96	-	-	221	266	V
2	* 2.485	51.18	Pk	32.2	-20.8	62.58	-	-	74	-11.42	221	266	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEGE (HIGH CHANNEL, CH 10)



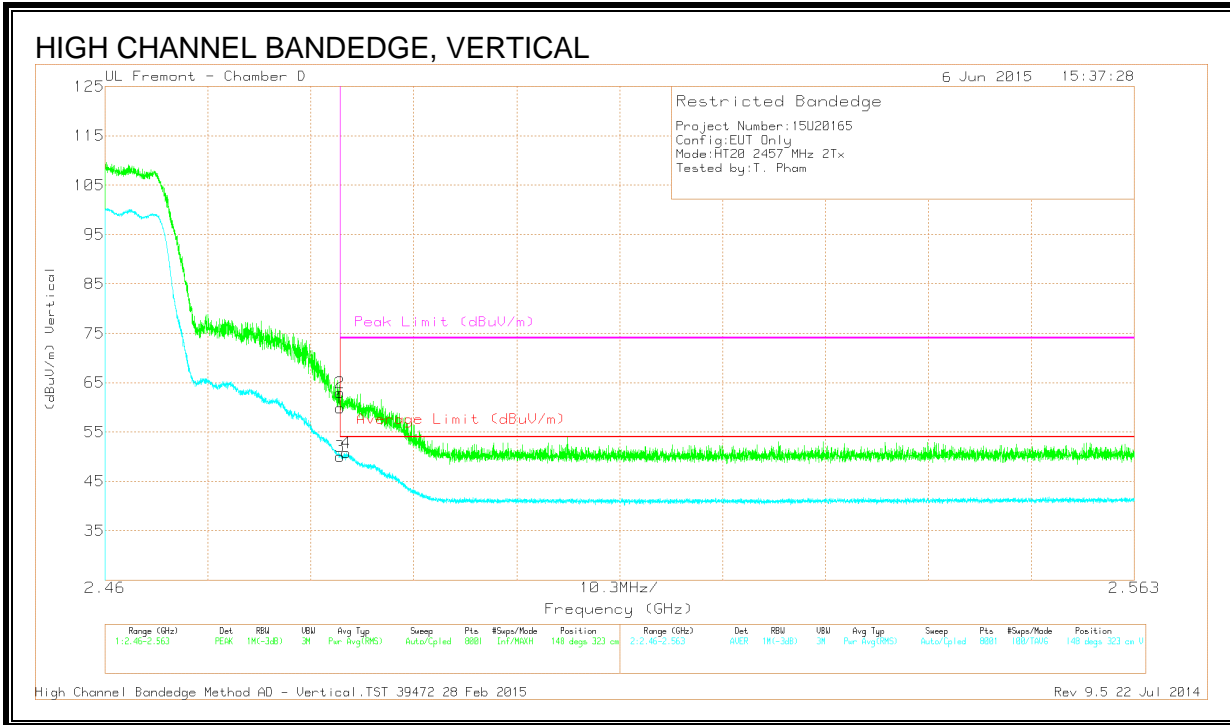
Data

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	* 2.484	48.9	PK	32.2	-20.8	60.3	-	-	74	-13.7	101	266	H
2	* 2.484	50.99	PK	32.2	-20.8	62.39	-	-	74	-11.61	101	266	H
3	* 2.484	37.94	RMS	32.2	-20.8	49.34	54	-4.66	-	-	101	266	H
4	* 2.484	38.03	RMS	32.2	-20.8	49.43	54	-4.57	-	-	101	266	H

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

PK - Peak detector

RMS - RMS detection



Data

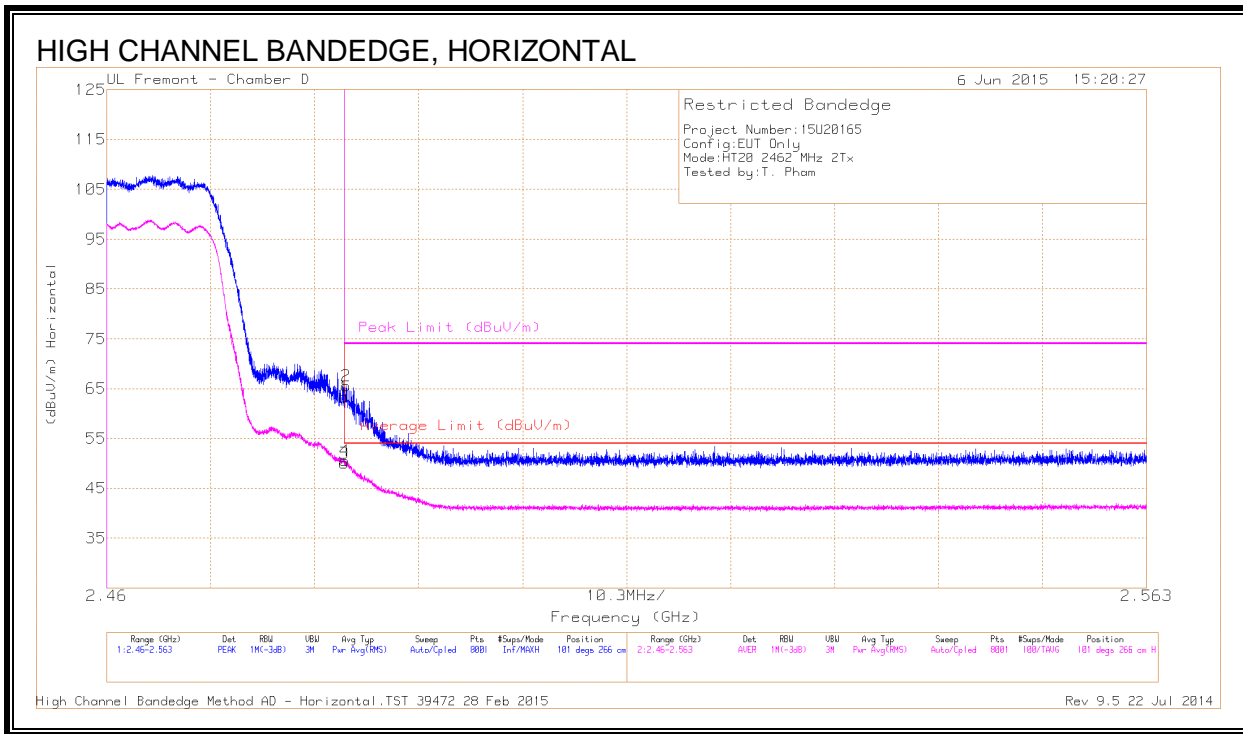
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.46	PK	32.2	-20.8	59.86	-	-	74	-14.14	148	323	V
2	* 2.484	51.61	PK	32.2	-20.8	63.01	-	-	74	-10.99	148	323	V
3	* 2.484	38.64	RMS	32.2	-20.8	50.04	54	-3.96	-	-	148	323	V
4	* 2.484	39.34	RMS	32.2	-20.8	50.74	54	-3.26	-	-	148	323	V

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

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 11)



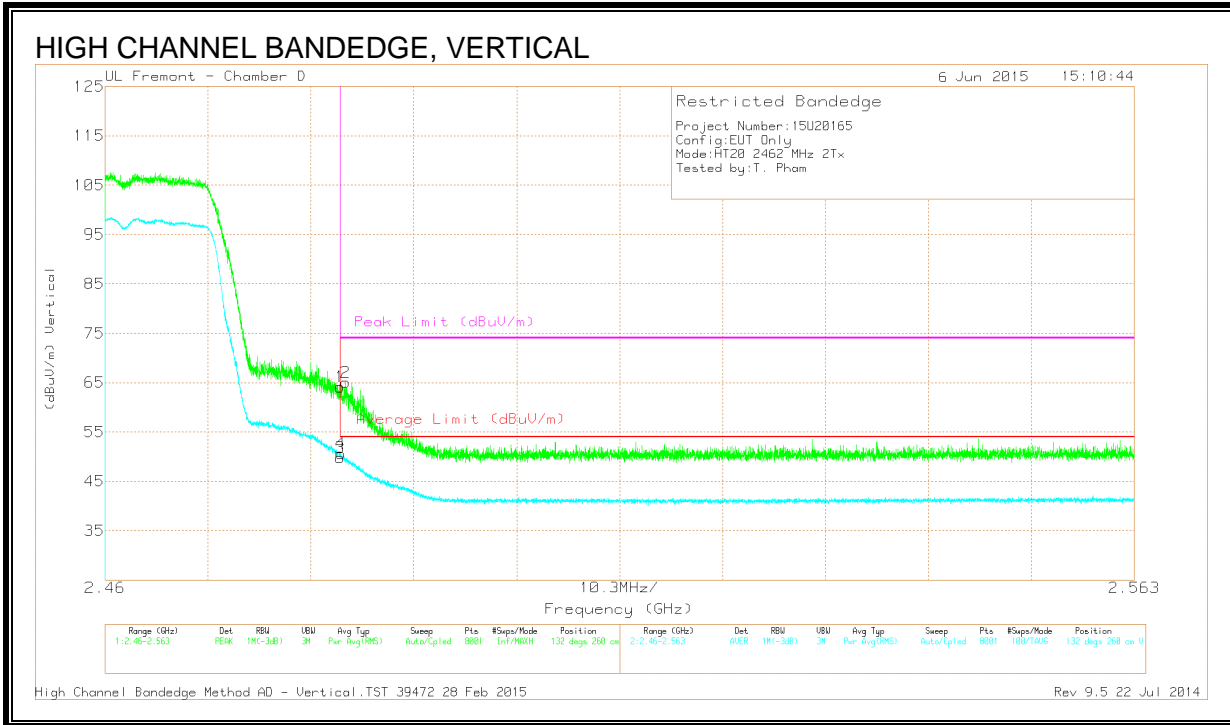
Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/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	51.88	PK	32.2	-20.8	63.28	-	-	74	-10.72	101	266	H
2	* 2.484	54.21	PK	32.2	-20.8	65.61	-	-	74	-8.39	101	266	H
3	* 2.484	37.72	RMS	32.2	-20.8	49.12	54	-4.88	-	-	101	266	H
4	* 2.484	38.08	RMS	32.2	-20.8	49.48	54	-4.52	-	-	101	266	H

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

PK - Peak detector

RMS - RMS detection



Data

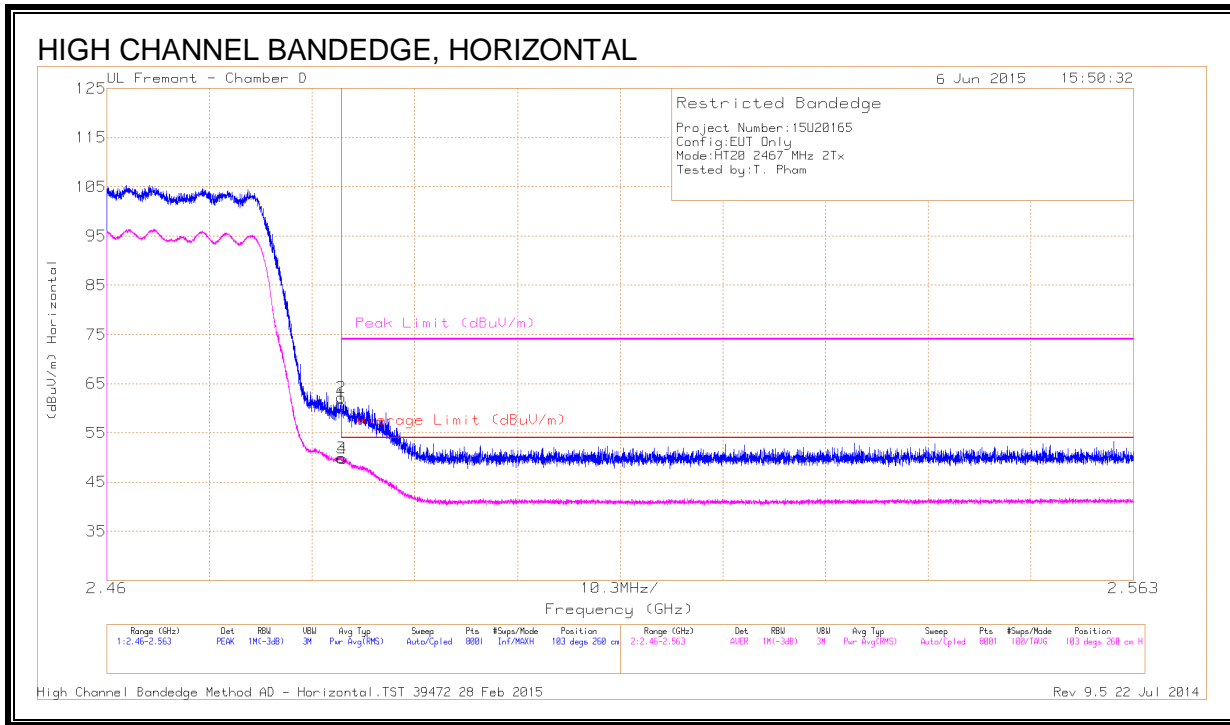
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.74	PK	32.2	-20.8	64.14	-	-	74	-9.86	132	260	V
2	* 2.484	53.65	PK	32.2	-20.8	65.05	-	-	74	-8.95	132	260	V
3	* 2.484	39.03	RMS	32.2	-20.8	50.43	54	-3.57	-	-	132	260	V
4	* 2.484	39.11	RMS	32.2	-20.8	50.51	54	-3.49	-	-	132	260	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)



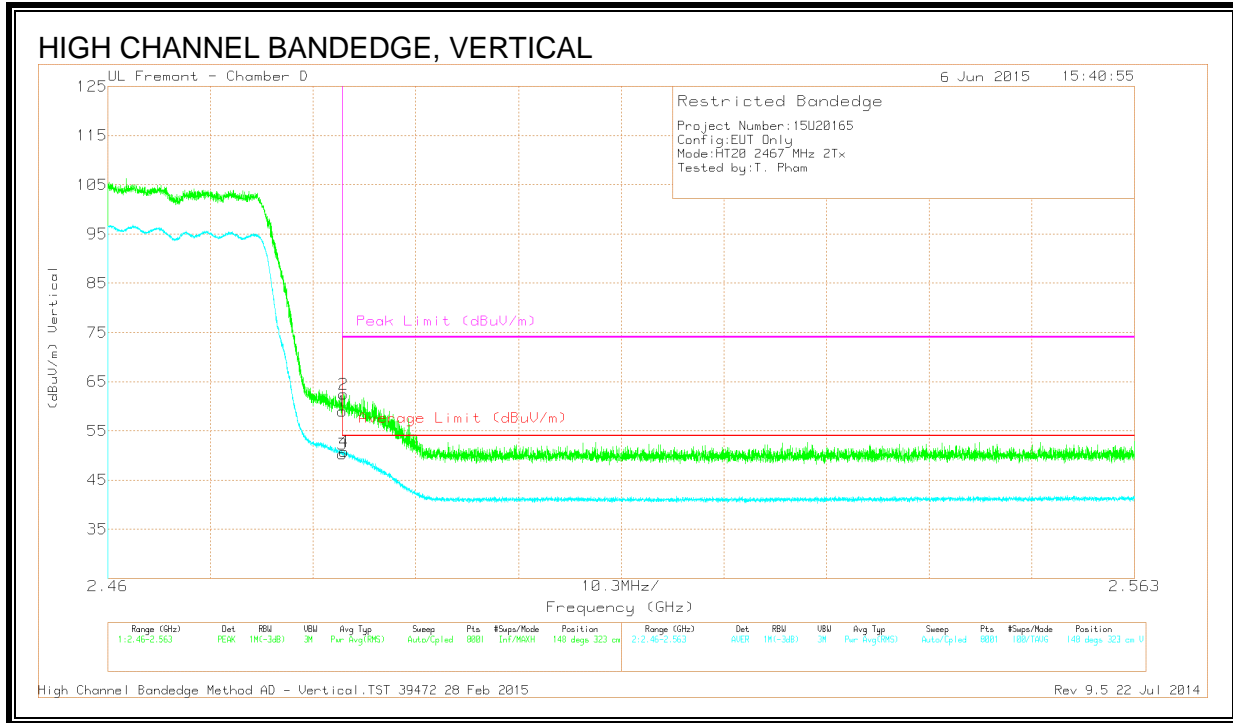
Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/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	49.29	PK	32.2	-20.8	60.69	-	-	74	-13.31	103	260	H
2	* 2.484	50.82	PK	32.2	-20.8	62.22	-	-	74	-11.78	103	260	H
3	* 2.484	38.52	RMS	32.2	-20.8	49.92	54	-4.08	-	-	103	260	H
4	* 2.484	38.38	RMS	32.2	-20.8	49.78	54	-4.22	-	-	103	260	H

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

PK - Peak detector

RMS - RMS detection



Data

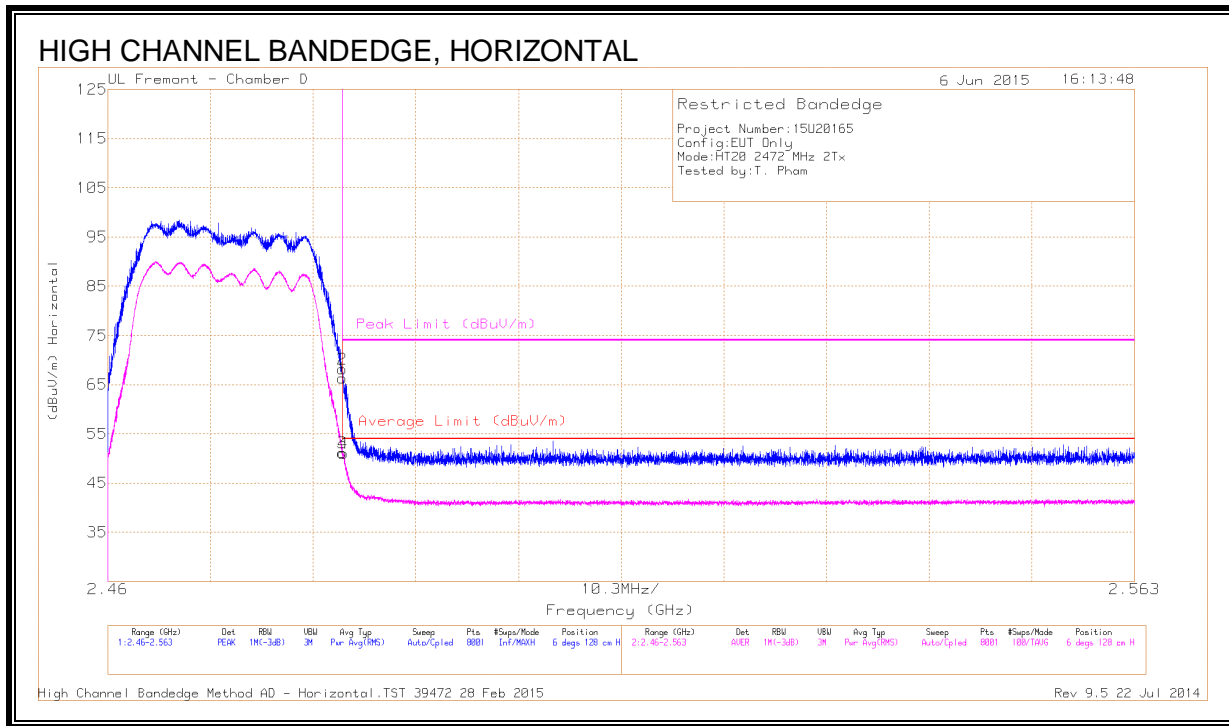
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.55	PK	32.2	-20.8	58.95	-	-	74	-15.05	148	323	V
2	* 2.484	51.08	PK	32.2	-20.8	62.48	-	-	74	-11.52	148	323	V
3	* 2.484	38.86	RMS	32.2	-20.8	50.26	54	-3.74	-	-	148	323	V
4	* 2.484	39.34	RMS	32.2	-20.8	50.74	54	-3.26	-	-	148	323	V

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

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 13)



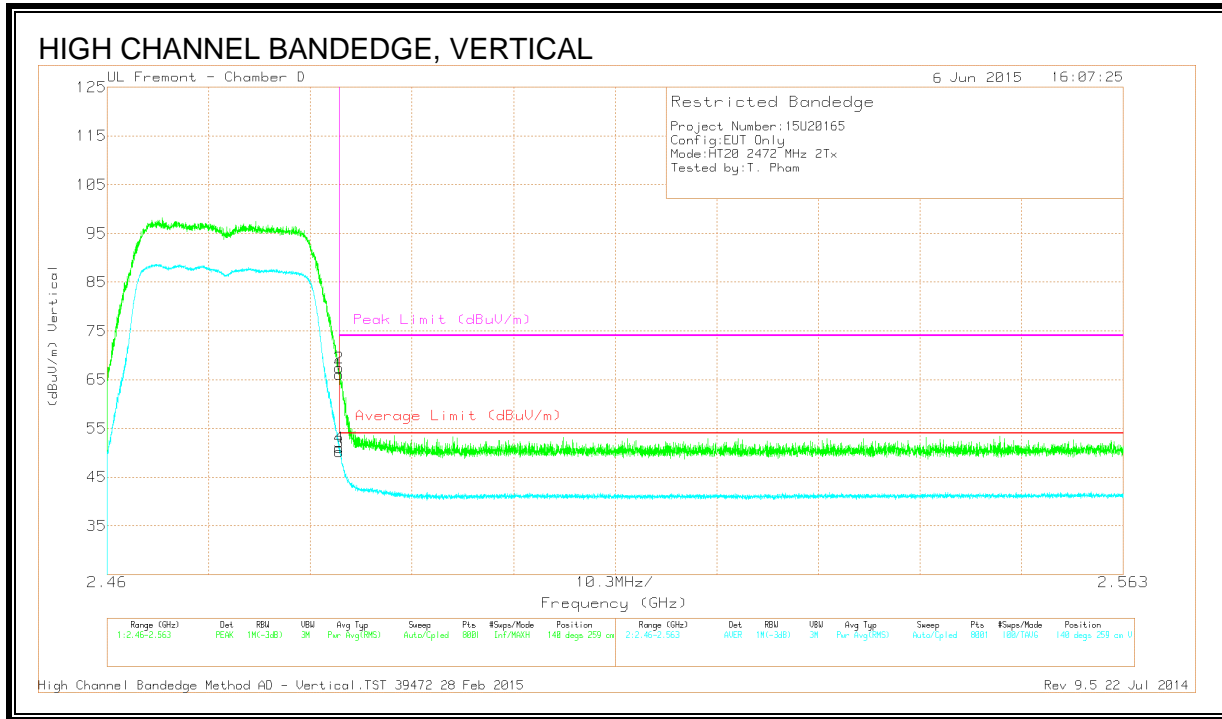
Data

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	54.96	PK	32.2	-20.8	66.36	-	-	74	-7.64	6	128	H
2	* 2.484	56.74	PK	32.2	-20.8	68.14	-	-	74	-5.86	6	128	H
3	* 2.484	39.78	RMS	32.2	-20.8	51.18	54	-2.82	-	-	6	128	H
4	* 2.484	39.67	RMS	32.2	-20.8	51.07	54	-2.93	-	-	6	128	H

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

PK - Peak detector

RMS - RMS detection



Data

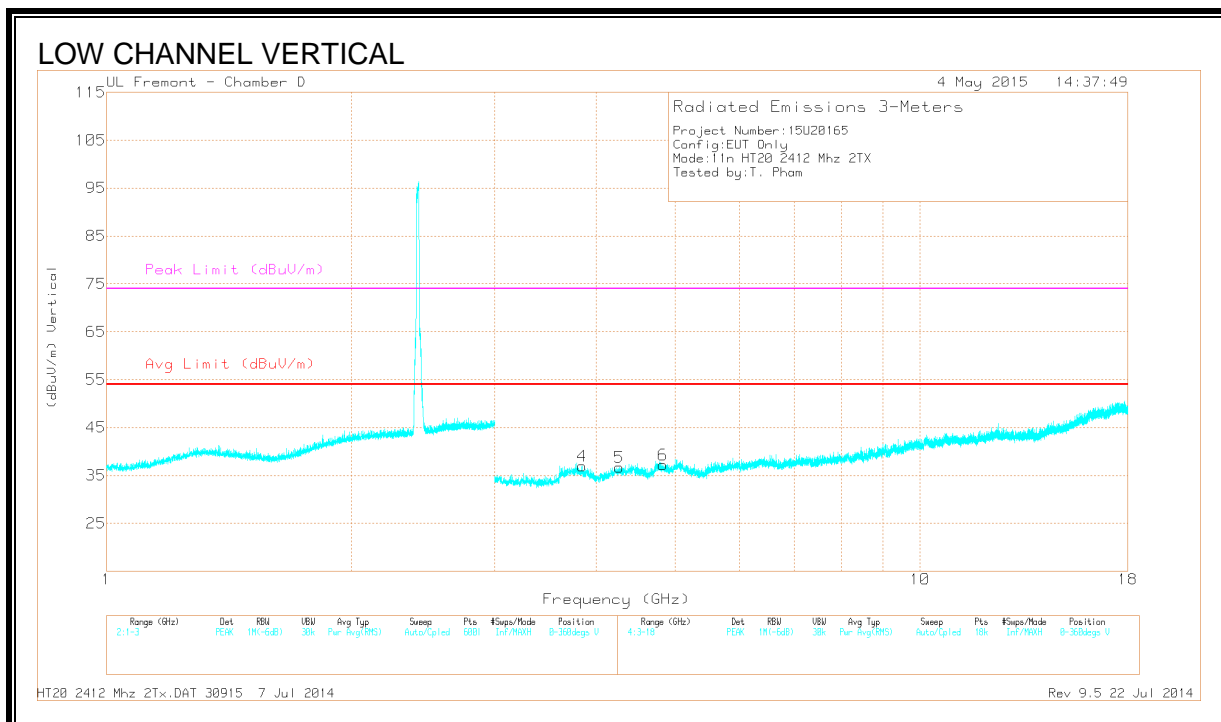
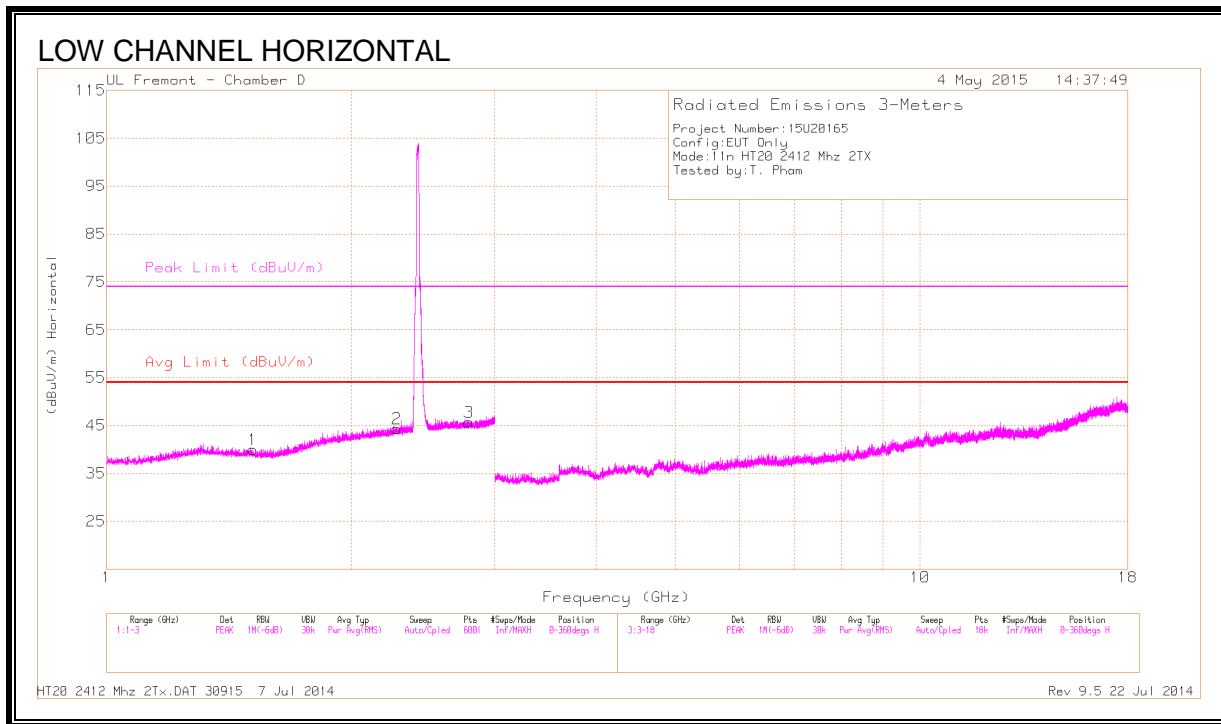
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.67	PK	32.2	-20.8	66.07	-	-	74	-7.93	140	259	V
2	* 2.484	55.98	PK	32.2	-20.8	67.38	-	-	74	-6.62	140	259	V
3	* 2.484	38.62	RMS	32.2	-20.8	50.02	54	-3.98	-	-	140	259	V
4	* 2.484	39.33	RMS	32.2	-20.8	50.73	54	-3.27	-	-	140	259	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

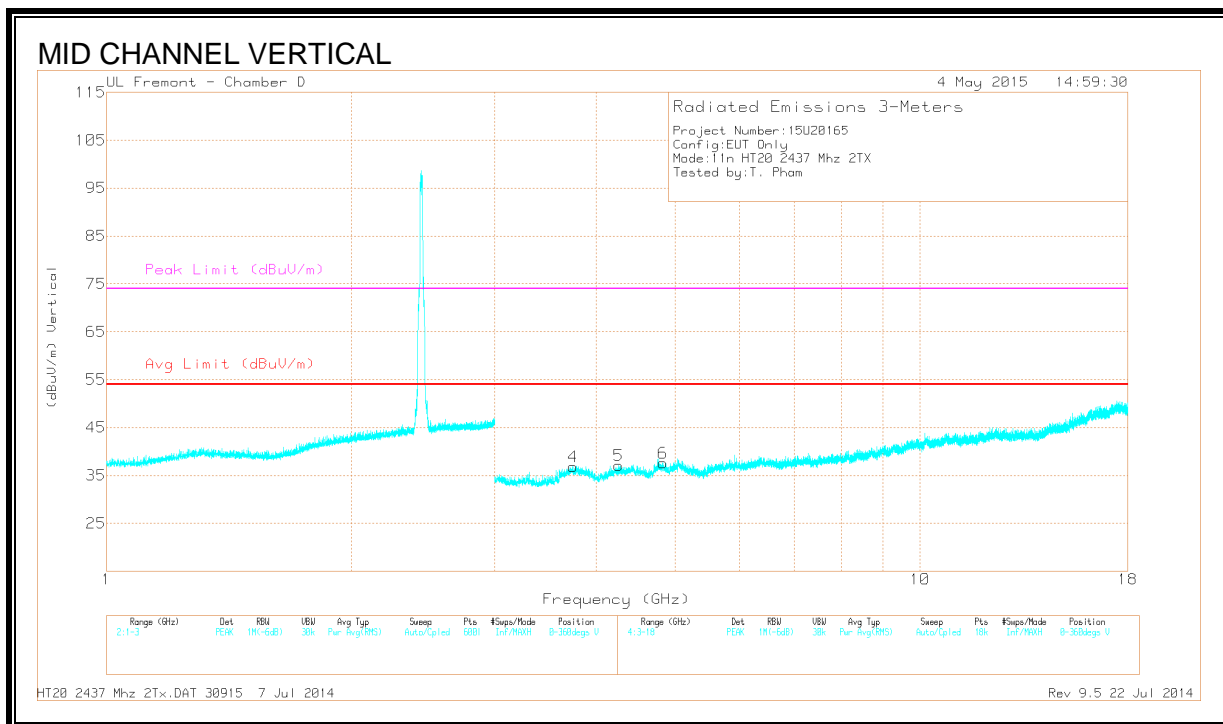
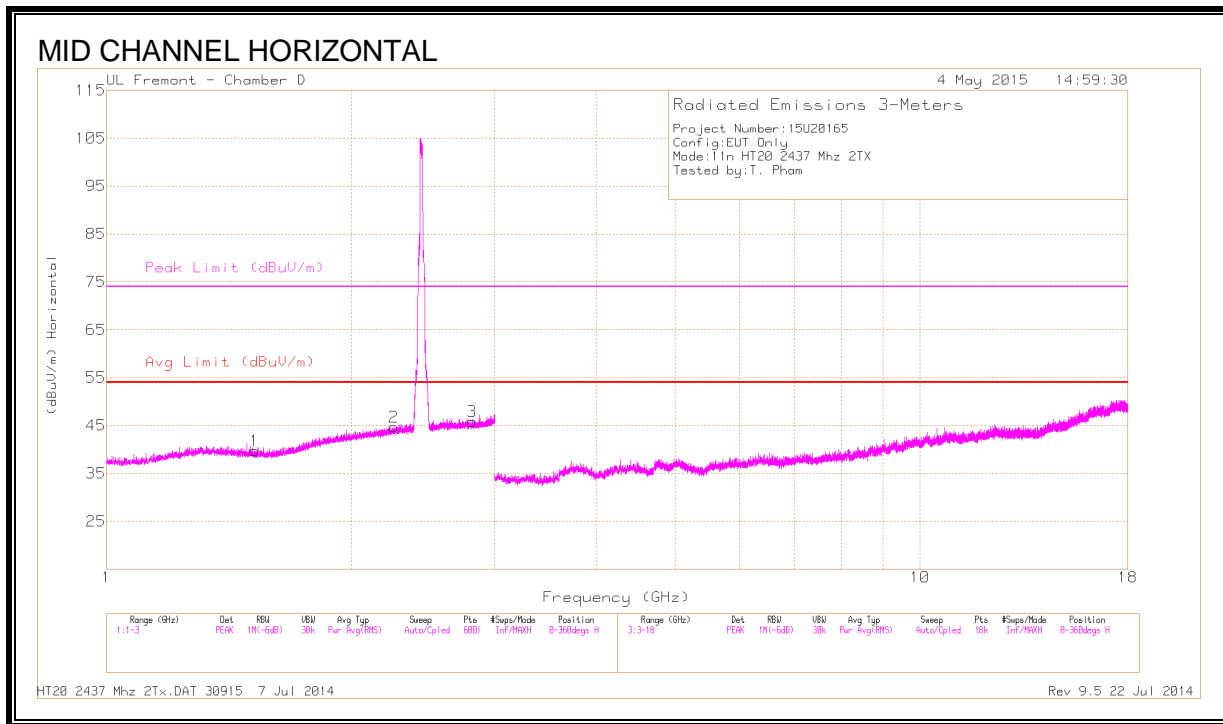
	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.513	41.03	PK2	28.2	-21.9	47.33	-	-	74	-26.67	1	100	H
	* 1.513	30.1	MAv1	28.2	-21.9	36.4	54	-17.6	-	-	1	100	H
2	* 2.276	40.94	PK2	31.9	-20.9	51.94	-	-	74	-22.06	1	100	H
	* 2.275	30.1	MAv1	31.9	-20.9	41.1	54	-12.9	-	-	1	100	H
3	* 2.788	41.82	PK2	32.5	-20.3	54.02	-	-	74	-19.98	1	100	H
	* 2.789	29.87	MAv1	32.5	-20.3	42.07	54	-11.93	-	-	1	100	H
4	* 3.839	38.83	PK2	33.4	-28.6	43.63	-	-	74	-30.37	1	100	V
	* 3.84	28.18	MAv1	33.4	-28.6	32.98	54	-21.02	-	-	1	100	V
5	* 4.267	38.55	PK2	33.5	-28	44.05	-	-	74	-29.95	1	100	V
	* 4.266	27.07	MAv1	33.5	-27.9	32.67	54	-21.33	-	-	1	100	V
6	* 4.829	38.02	PK2	34.1	-27.5	44.62	-	-	74	-29.38	1	100	V
	* 4.83	27	MAv1	34.1	-27.5	33.6	54	-20.4	-	-	1	100	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

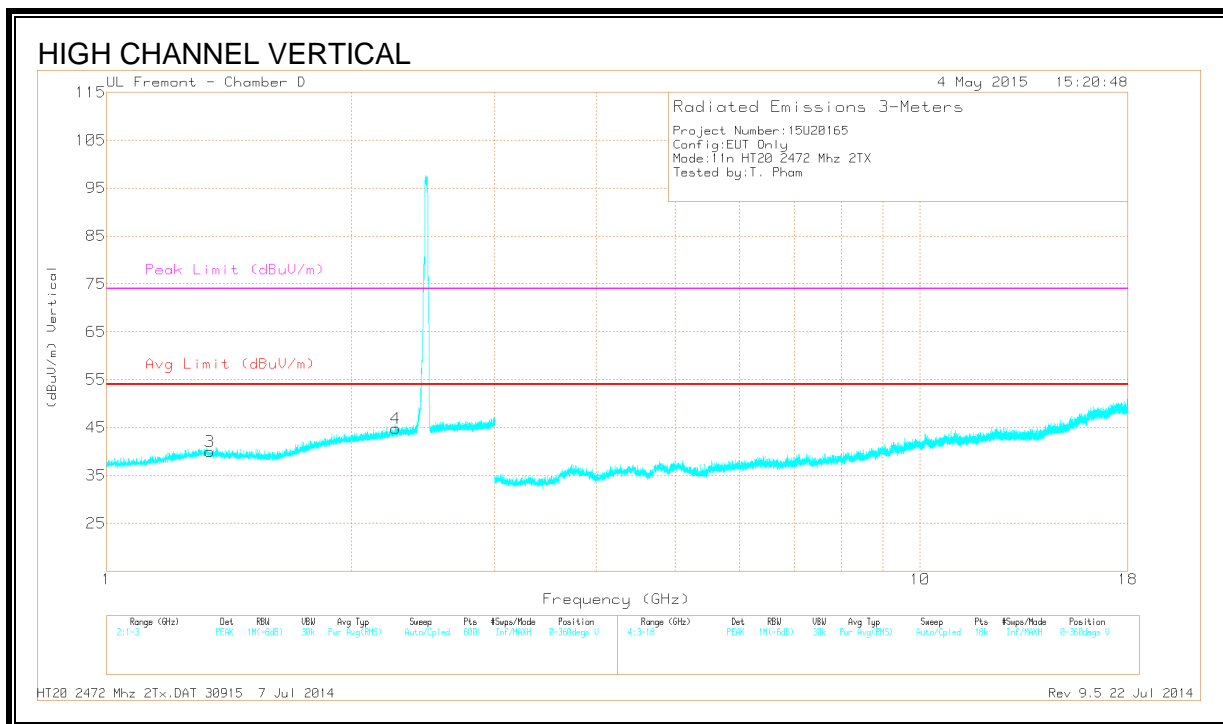
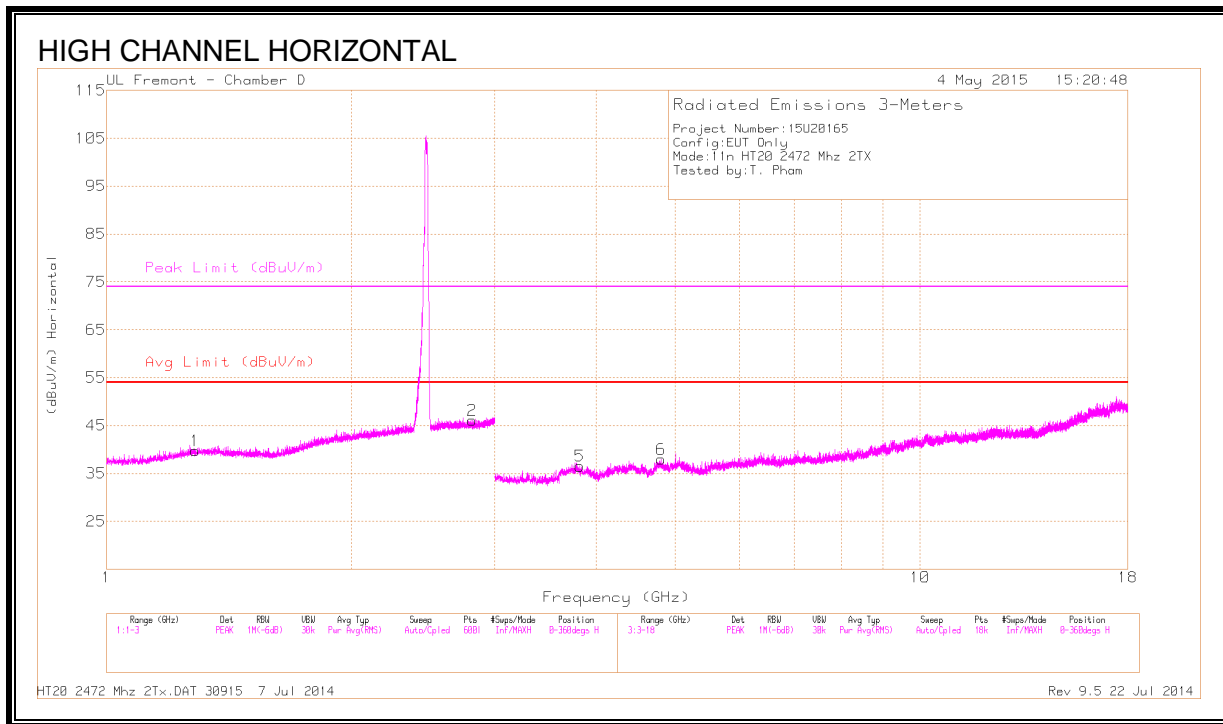
	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.523	41.17	PK2	28.2	-21.9	47.47	-	-	74	-26.53	0	100	H
	* 1.523	30.04	MAv1	28.2	-21.9	36.34	54	-17.66	-	-	0	100	H
2	* 2.258	41.96	PK2	31.8	-21	52.76	-	-	74	-21.24	0	100	H
	* 2.255	30.02	MAv1	31.8	-21.1	40.72	54	-13.28	-	-	0	100	H
3	* 2.813	41.39	PK2	32.5	-20.3	53.59	-	-	74	-20.41	0	100	H
	* 2.816	29.89	MAv1	32.5	-20.3	42.09	54	-11.91	-	-	0	100	H
4	* 3.745	37.93	PK2	33.3	-28.5	42.73	-	-	74	-31.27	0	100	V
	* 3.745	27.36	MAv1	33.3	-28.5	32.16	54	-21.84	-	-	0	100	V
5	* 4.256	37.98	PK2	33.5	-27.9	43.58	-	-	74	-30.42	0	100	V
	* 4.259	26.85	MAv1	33.5	-27.9	32.45	54	-21.55	-	-	0	100	V
6	* 4.829	37.76	PK2	34.1	-27.5	44.36	-	-	74	-29.64	0	100	V
	* 4.829	26.84	MAv1	34.1	-27.5	33.44	54	-20.56	-	-	0	100	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 HIGH CHANNEL, CH 13



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	* 1.286	41.44	PK2	28.9	-22.3	48.04	-	-	74	-25.96	0	100	H
	* 1.284	30.24	MAv1	28.9	-22.3	36.84	54	-17.16	-	-	0	100	H
2	* 2.814	40.9	PK2	32.5	-20.3	53.1	-	-	74	-20.9	0	100	H
	* 2.814	29.92	MAv1	32.5	-20.3	42.12	54	-11.88	-	-	0	100	H
3	* 1.339	41.35	PK2	28.8	-22.2	47.95	-	-	74	-26.05	0	100	V
	* 1.339	30.39	MAv1	28.8	-22.2	36.99	54	-17.01	-	-	0	100	V
4	* 2.269	41.31	PK2	31.9	-20.9	52.31	-	-	74	-21.69	0	100	V
	* 2.269	30.26	MAv1	31.9	-20.9	41.26	54	-12.74	-	-	0	100	V
5	* 3.814	38.42	PK2	33.4	-28.6	43.22	-	-	74	-30.78	0	100	H
	* 3.813	27.94	MAv1	33.4	-28.5	32.84	54	-21.16	-	-	0	100	H
6	* 4.803	36.99	PK2	34.1	-27	44.09	-	-	74	-29.91	0	100	H
	* 4.803	26.23	MAv1	34.1	-27	33.33	54	-20.67	-	-	0	100	H

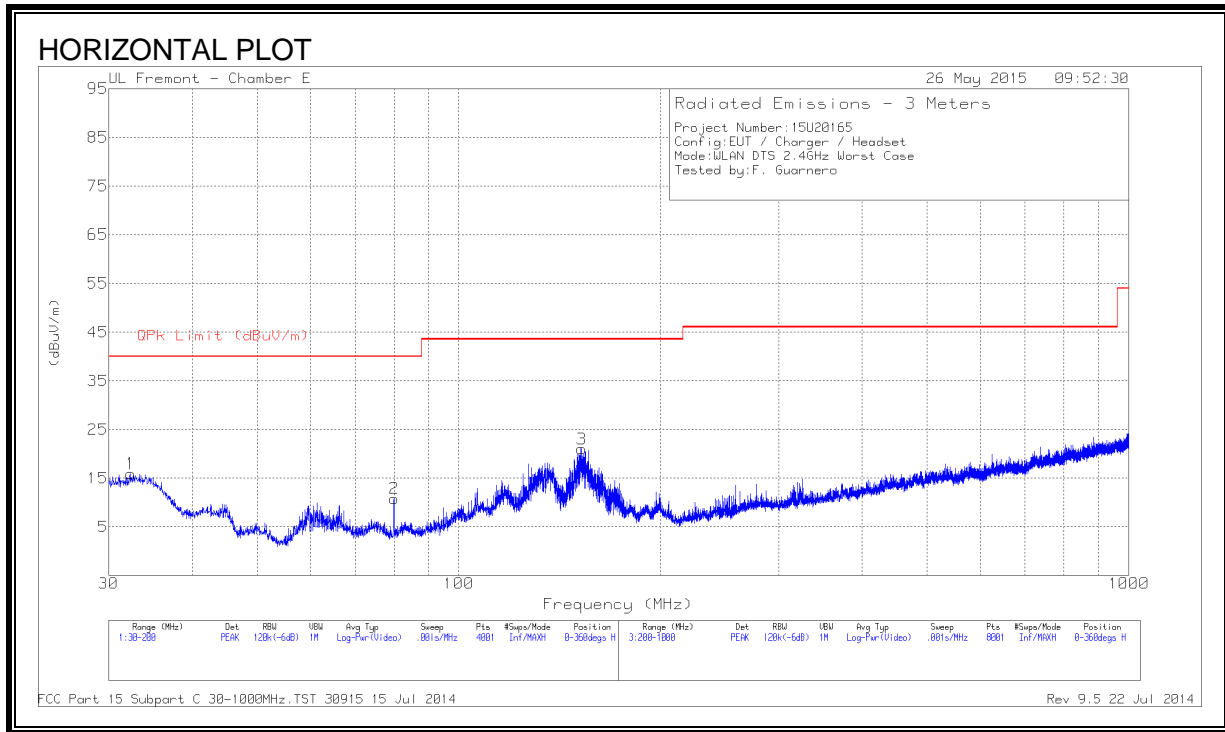
* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

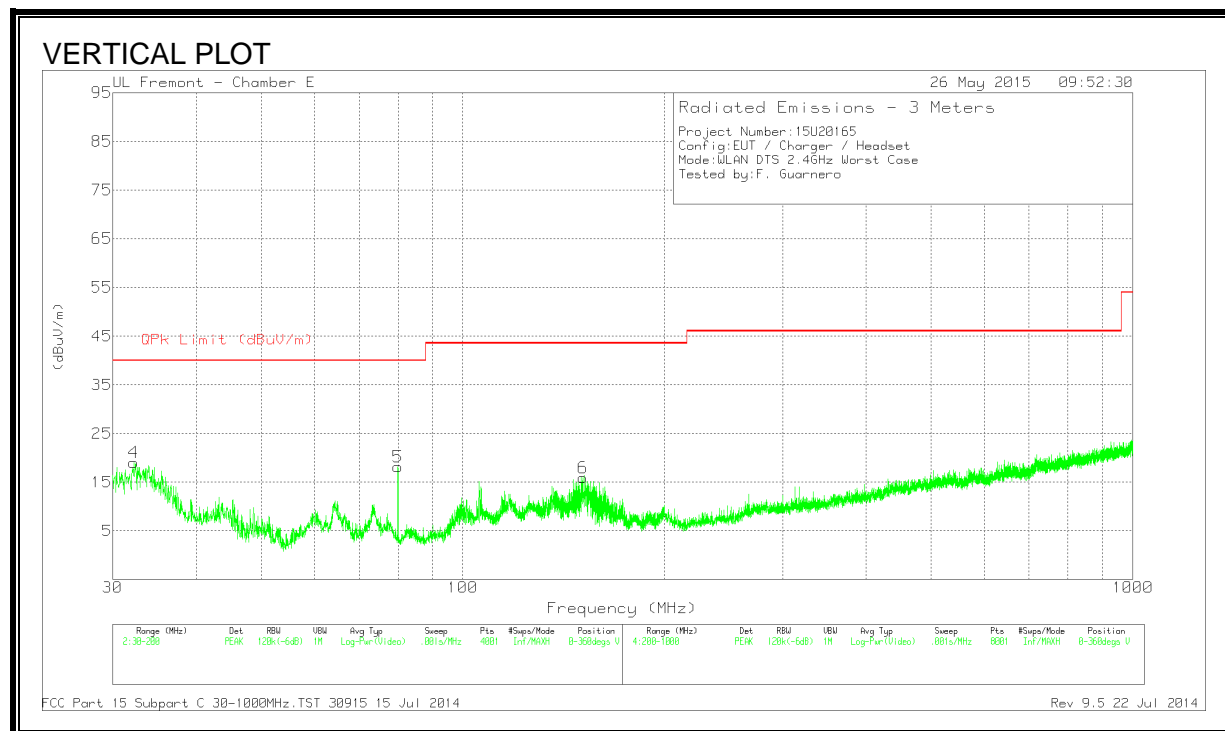
MAv1 - KDB558074 Option 1 Maximum RMS Average

10.3. 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)



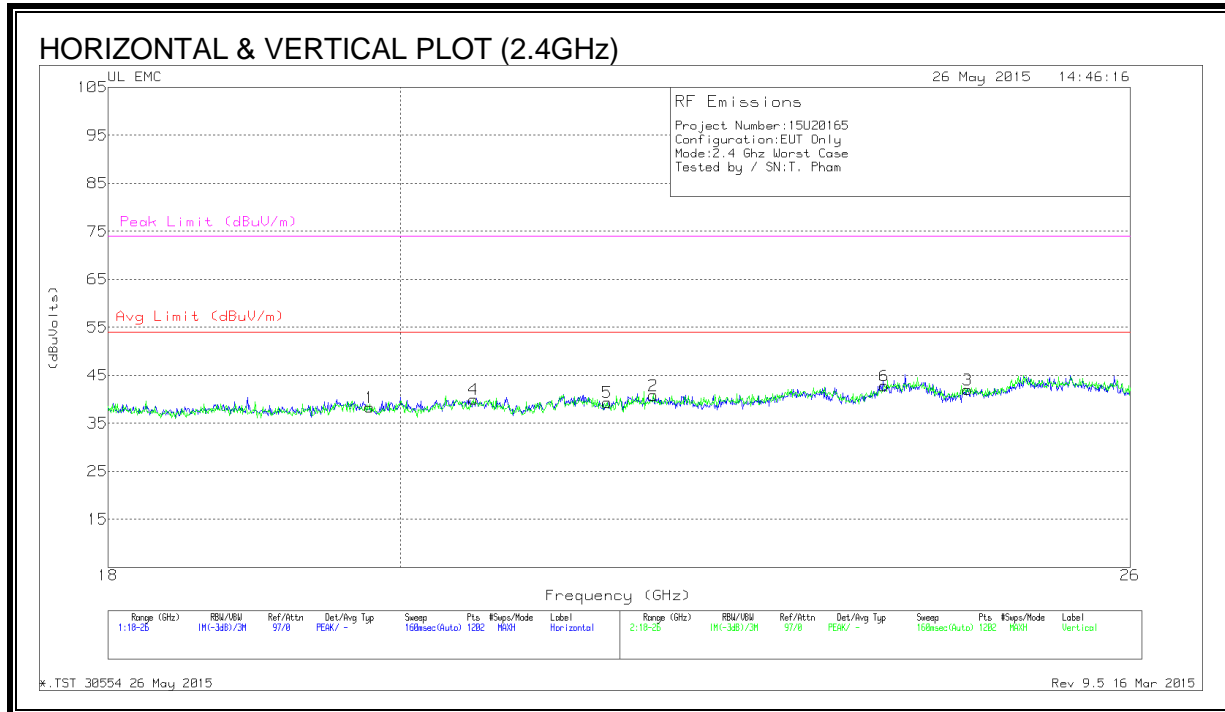
DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	32.38	27.94	PK	19.8	-31.8	15.94	40	-24.06	0-360	301	H
2	80.0225	34.35	PK	8	-31.5	10.85	40	-29.15	0-360	301	H
3	152.485	39.7	PK	12.3	-31	21	43.52	-22.52	0-360	201	H
4	32.2525	30.98	PK	19.9	-31.8	19.08	40	-20.92	0-360	100	V
5	79.98	41.68	PK	8	-31.5	18.18	40	-21.82	0-360	100	V
6	151.125	34.65	PK	12.3	-31	15.95	43.52	-27.57	0-360	100	V

PK - Peak detector

10.4. WORST-CASE 18 to 26 GHz

SPURIOUS EMISSIONS 18 TO 26 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL) HORIZONTAL & 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	19.779	39.43	Pk	32.6	-24.2	-9.5	38.33	54	-15.66	74	-35.66
2	21.903	40.93	Pk	33.3	-23.9	-9.5	40.83	54	-13.16	74	-33.16
3	24.525	40.3	Pk	34	-22.8	-9.5	42	54	-12	74	-32
4	20.531	40.6	Pk	32.7	-23.8	-9.5	40	54	-14	74	-34
5	21.544	39.83	Pk	33	-24	-9.5	39.33	54	-14.66	74	-34.66
6	23.802	41.23	Pk	33.7	-22.6	-9.5	42.83	54	-11.16	74	-31.16

Pk - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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.

11.1. EUT POWERED BY AC/DC ADAPTER VIA USB CABLE

WORST EMISSIONS DATA

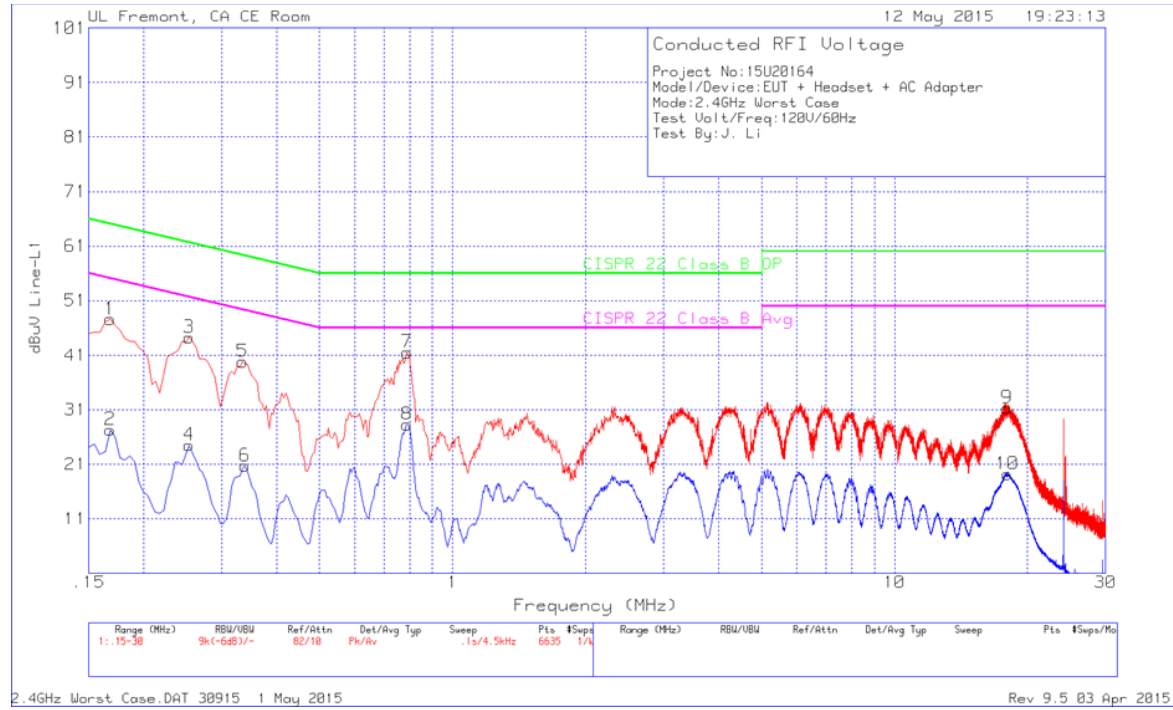
Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.168	46.38	Pk	1.2	0	47.58	65.06	-17.48	-	-
2	.168	26.12	Av	1.2	0	27.32	-	-	55.06	-27.74
3	.2535	43.54	Pk	.7	0	44.24	61.64	-17.4	-	-
4	.2535	23.81	Av	.7	0	24.51	-	-	51.64	-27.13
5	.3345	39.32	Pk	.5	0	39.82	59.34	-19.52	-	-
6	.339	20.2	Av	.5	0	20.7	-	-	49.23	-28.53
7	.789	41.21	Pk	.3	0	41.51	56	-14.49	-	-
8	.789	27.97	Av	.3	0	28.27	-	-	46	-17.73
9	17.988	30.8	Pk	.3	.2	31.3	60	-28.7	-	-
10	17.997	18.71	Av	.3	.2	19.21	-	-	50	-30.79

Range 2: 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)
11	.168	45.43	Pk	1.3	0	46.73	65.06	-18.33	-	-
12	.168	25.8	Av	1.3	0	27.1	-	-	55.06	-27.96
13	.249	42.74	Pk	.7	0	43.44	61.79	-18.35	-	-
14	.2535	23.23	Av	.7	0	23.93	-	-	51.64	-27.71
15	.3345	39.2	Pk	.5	0	39.70	59.34	-19.64	-	-
16	.339	19.63	Av	.5	0	20.13	-	-	49.23	-29.1
17	.7845	40.33	Pk	.3	0	40.63	56	-15.37	-	-
18	.7845	27.59	Av	.3	0	27.89	-	-	46	-18.11
19	17.952	30.58	Pk	.3	.2	31.08	60	-28.92	-	-
20	17.9835	13.15	Av	.3	.2	13.65	-	-	50	-36.35

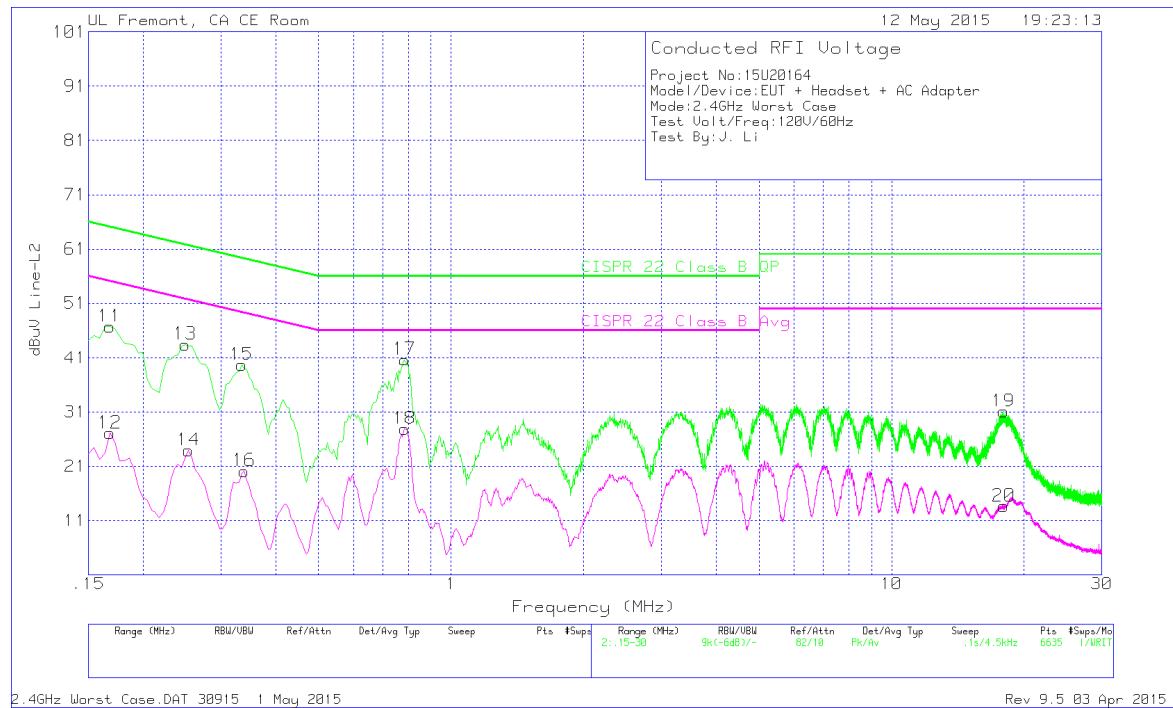
Pk - Peak detector

Av - Average detection

LINE 1 PLOT



LINE 2 PLOT



11.2. EUT POWERED BY HOST PC VIA USB CABLE

WORST EMISSIONS DATA

Range 1: Line-L1 .15 - 30MHz

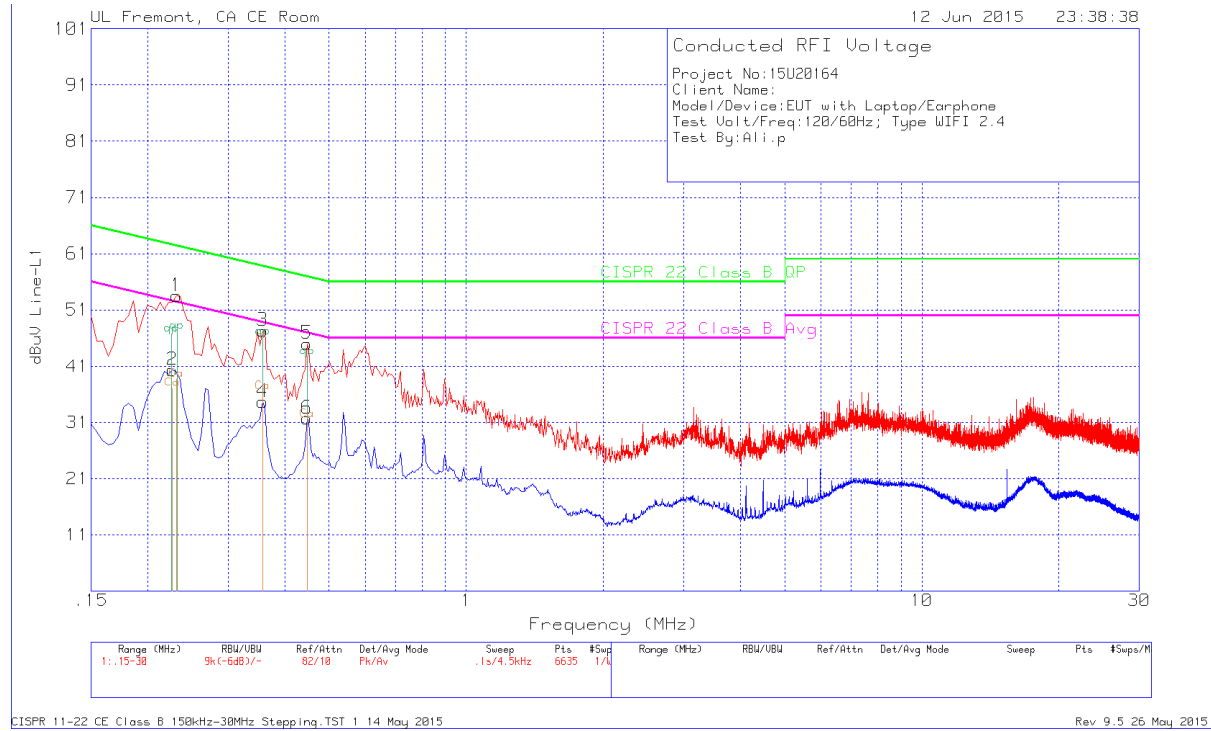
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.231	52.67	Pk	.8	0	53.47	62.41	-8.94	-	-
2	.2265	39.51	Av	.8	0	40.31	-	-	52.58	-12.27
3	.357	46.81	Pk	.5	0	47.31	58.8	-11.49	-	-
4	.357	34.15	Av	.5	0	34.65	-	-	48.8	-14.15
5	.447	44.6	Pk	.4	0	45	56.93	-11.93	-	-
6	.447	31.3	Av	.4	0	31.7	-	-	46.93	-15.23

Range 2: 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	.24	50.78	Pk	.8	0	51.58	62.1	-10.52	-	-
8	.2355	36.7	Av	.8	0	37.5	-	-	52.25	-14.75
9	.357	49.25	Pk	.5	0	49.75	58.8	-9.05	-	-
10	.357	35.82	Av	.5	0	36.32	-	-	48.8	-12.48
11	.447	45.76	Pk	.4	0	46.16	56.93	-10.77	-	-
12	.447	32.07	Av	.4	0	32.47	-	-	46.93	-14.46
13	.582	45.28	Pk	.3	0	45.58	56	-10.42	-	-
14	.6	30.92	Av	.3	0	31.22	-	-	46	-14.78
15	.618	45.44	Pk	.3	0	45.74	56	-10.26	-	-
16	.6	30.92	Av	.3	0	31.22	-	-	46	-14.78

Pk - Peak detector
 Av - Average detection

LINE 1 PLOT



LINE 2 PLOT

