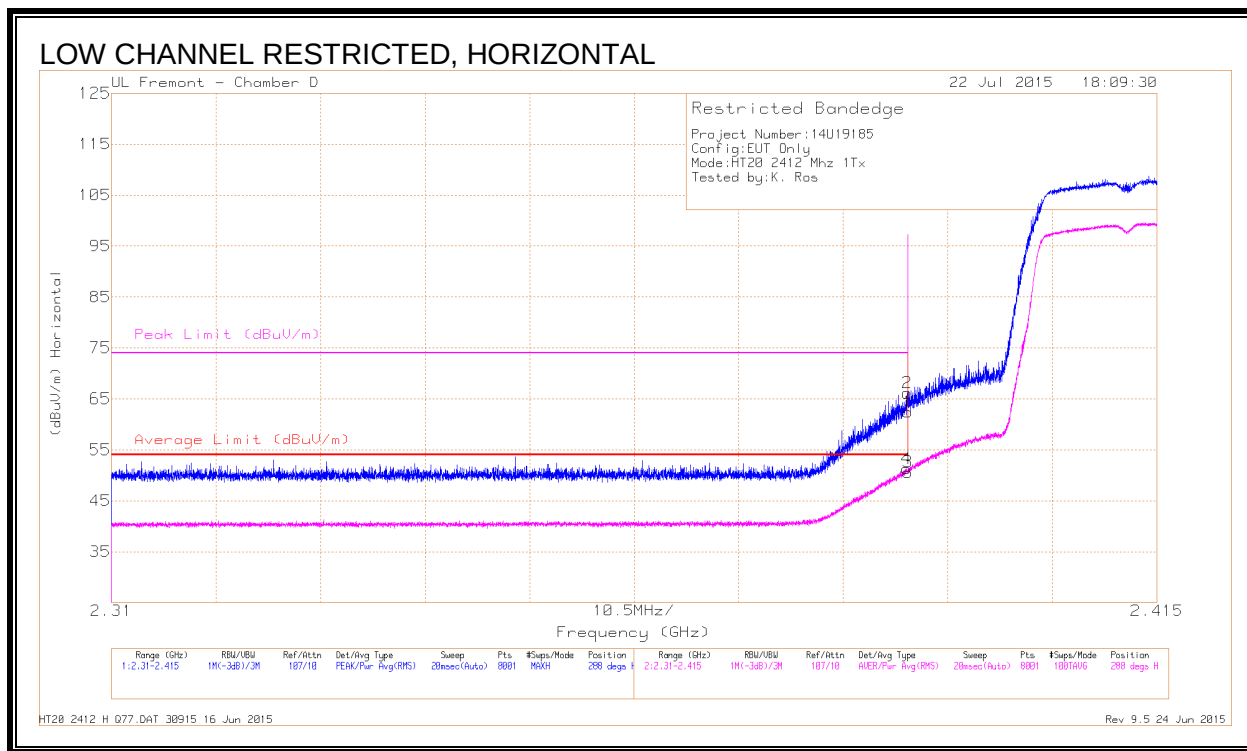


9.2.3 802.11n HT20 1Tx MODE IN THE 2.4 GHz BAND CHAIN 0

RESTRICTED BANDEDGE (LOW CHANNEL, CH 1)



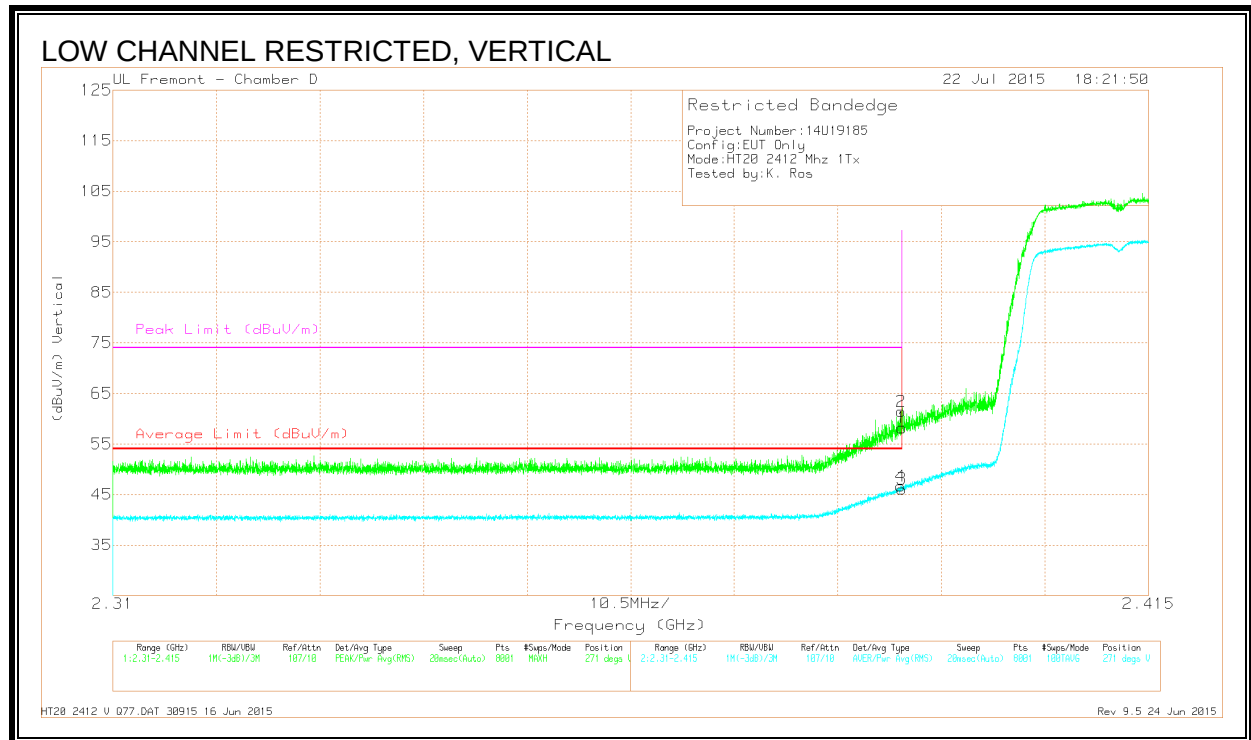
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT344 (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	51	Pk	32.1	-20.7	62.4	-	-	74	-11.6	288	190	H
2	* 2.39	54.76	Pk	32.1	-20.7	66.16	-	-	74	-7.84	288	190	H
3	* 2.39	39.23	RMS	32.1	-20.7	50.63	54	-3.37	-	-	288	190	H
4	* 2.39	39.88	RMS	32.1	-20.7	51.28	54	-2.72	-	-	288	190	H

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

Pk - Peak detector

RMS - RMS detection



DATA

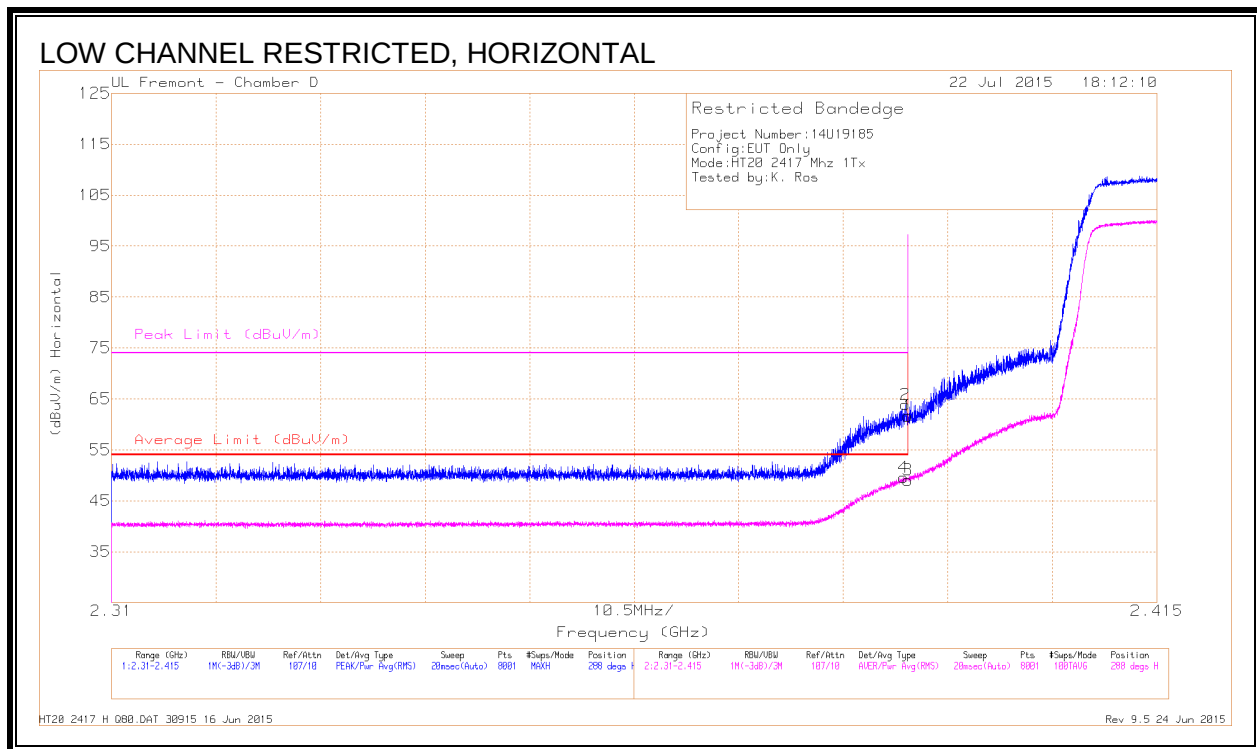
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.82	Pk	32.1	-20.7	58.22	-	-	74	-15.78	271	166	V
2	* 2.39	50.05	Pk	32.1	-20.7	61.45	-	-	74	-12.55	271	166	V
3	* 2.39	34.7	RMS	32.1	-20.7	46.1	54	-7.9	-	-	271	166	V
4	* 2.39	35.23	RMS	32.1	-20.7	46.63	54	-7.37	-	-	271	166	V

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

Pk - Peak detector

RMS - RMS detection

RESTRICTED BANDEDGE (LOW CHANNEL, CH 2)



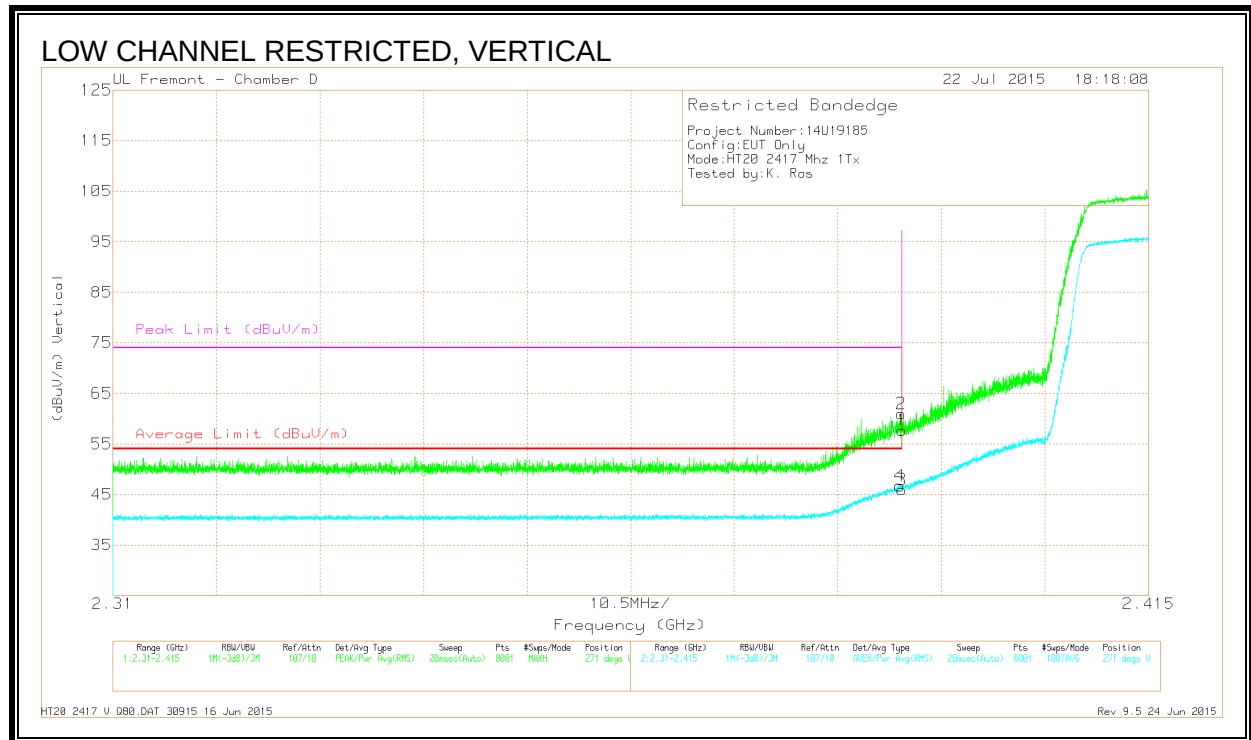
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	50.25	Pk	32.1	-20.7	61.65	-	-	74	-12.35	288	190	H
2	* 2.39	52.48	Pk	32.1	-20.7	63.88	-	-	74	-10.12	288	190	H
3	* 2.39	37.65	RMS	32.1	-20.7	49.05	54	-4.95	-	-	288	190	H
4	* 2.39	38.16	RMS	32.1	-20.7	49.56	54	-4.44	-	-	288	190	H

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

Pk - Peak detector

RMS - RMS detection



DATA

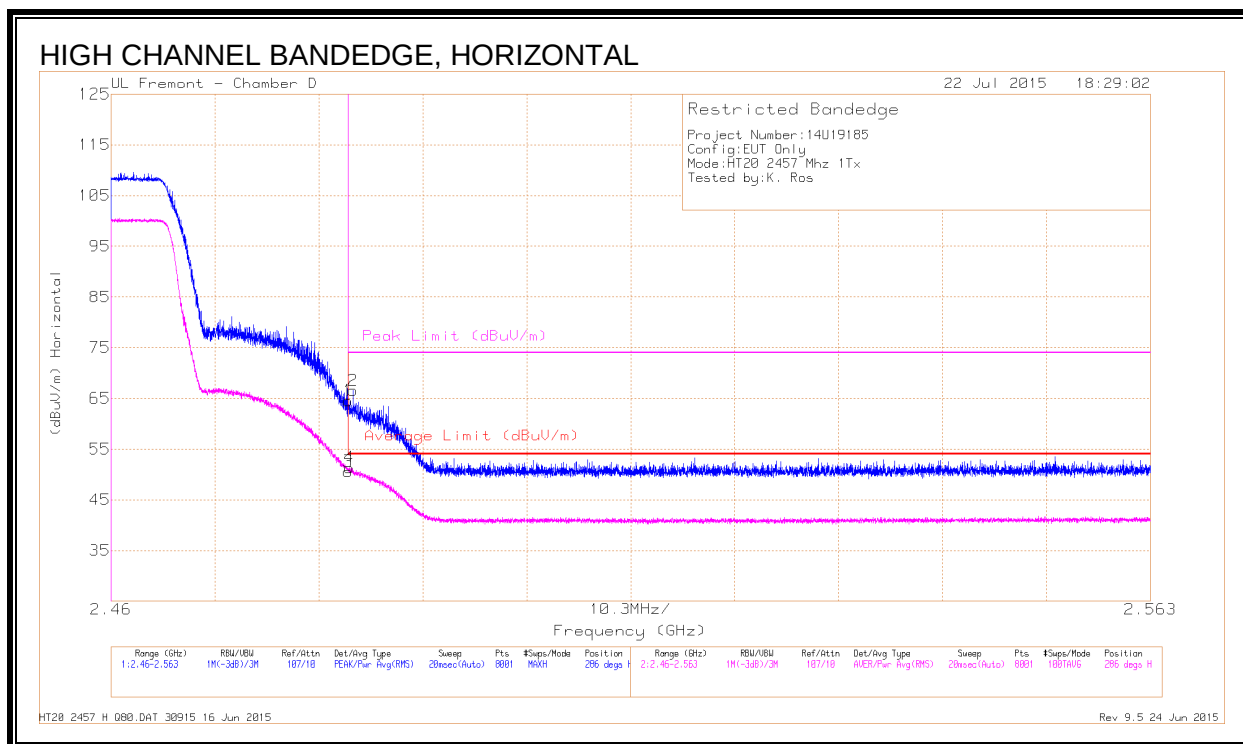
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.31	Pk	32.1	-20.7	57.71	-	-	74	-16.29	271	166	V
2	* 2.39	49.58	Pk	32.1	-20.7	60.98	-	-	74	-13.02	271	166	V
3	* 2.39	34.56	RMS	32.1	-20.7	45.96	54	-8.04	-	-	271	166	V
4	* 2.39	35.33	RMS	32.1	-20.7	46.73	54	-7.27	-	-	271	166	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 10)



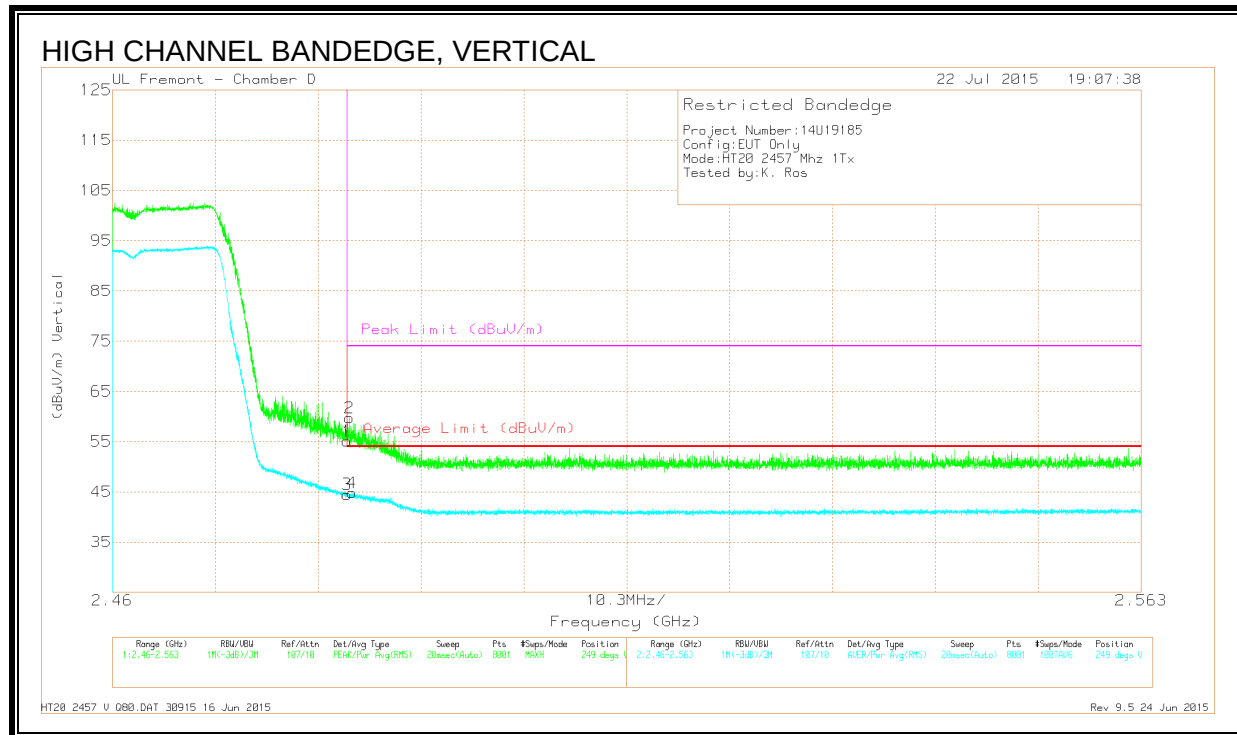
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	53.15	Pk	32.2	-20.8	64.55	-	-	74	-9.45	286	251	H
2	* 2.484	55.15	Pk	32.2	-20.8	66.55	-	-	74	-7.45	286	251	H
3	* 2.484	39.19	RMS	32.2	-20.8	50.59	54	-3.41	-	-	286	251	H
4	* 2.484	39.95	RMS	32.2	-20.8	51.35	54	-2.65	-	-	286	251	H

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

Pk - Peak detector

RMS - RMS detection



DATA

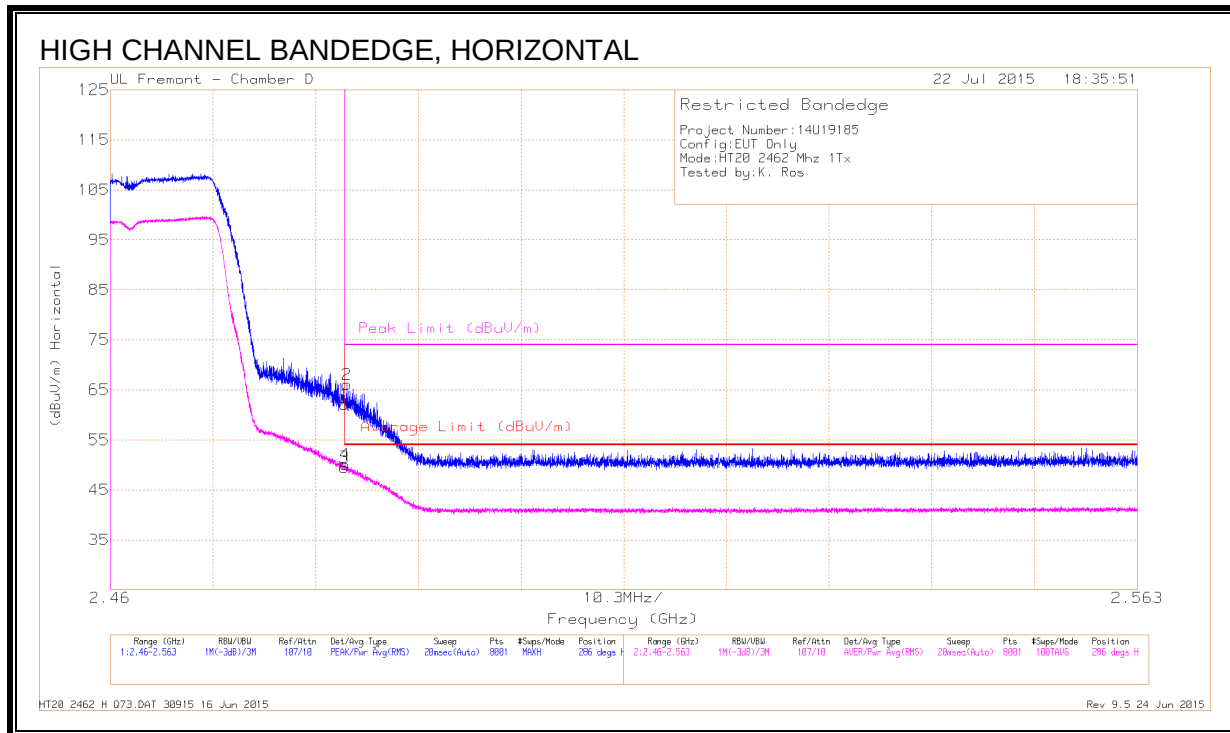
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.71	Pk	32.2	-20.8	55.11	-	-	74	-18.89	249	309	V
2	* 2.484	48.3	Pk	32.2	-20.8	59.7	-	-	74	-14.3	249	309	V
3	* 2.484	33.09	RMS	32.2	-20.8	44.49	54	-9.51	-	-	249	309	V
4	* 2.484	33.42	RMS	32.2	-20.8	44.82	54	-9.18	-	-	249	309	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 11)



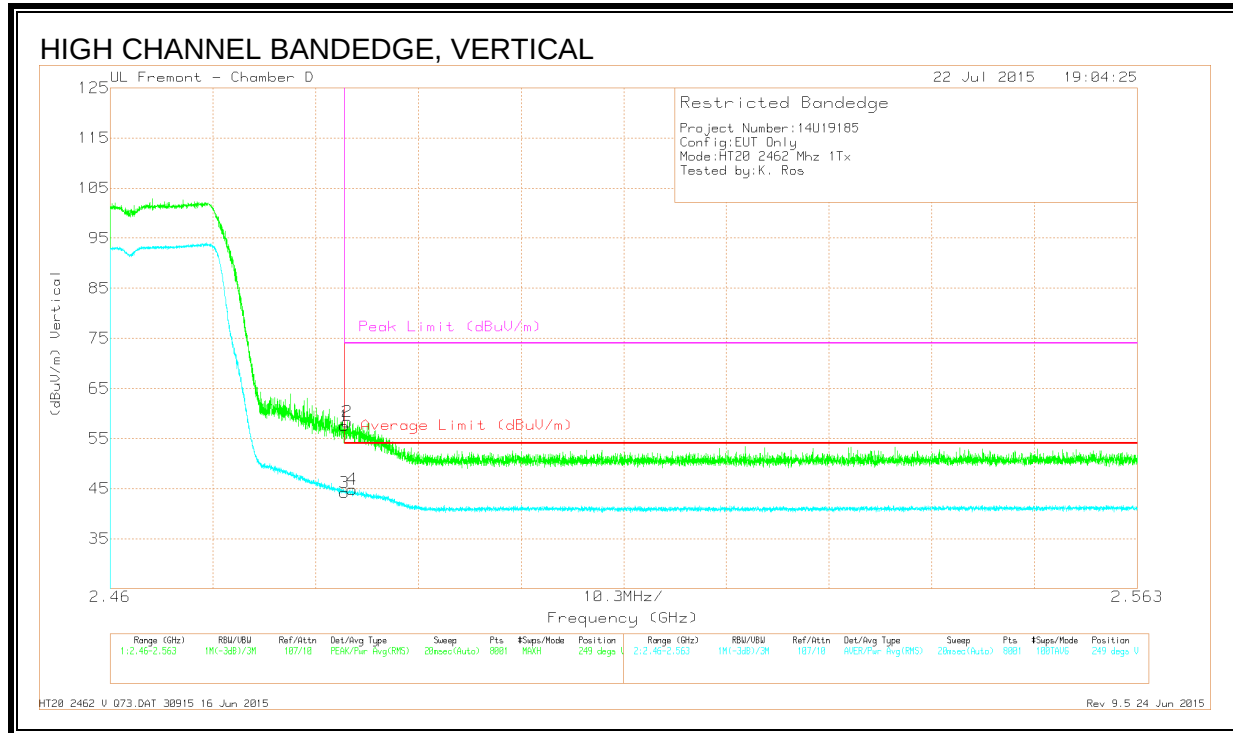
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.74	Pk	32.2	-20.8	62.14	-	-	74	-11.86	286	251	H
2	* 2.484	54.66	Pk	32.2	-20.8	66.06	-	-	74	-7.94	286	251	H
3	* 2.484	38.1	RMS	32.2	-20.8	49.5	54	-4.5	-	-	286	251	H
4	* 2.484	38.71	RMS	32.2	-20.8	50.11	54	-3.89	-	-	286	251	H

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

Pk - Peak detector

RMS - RMS detection



DATA

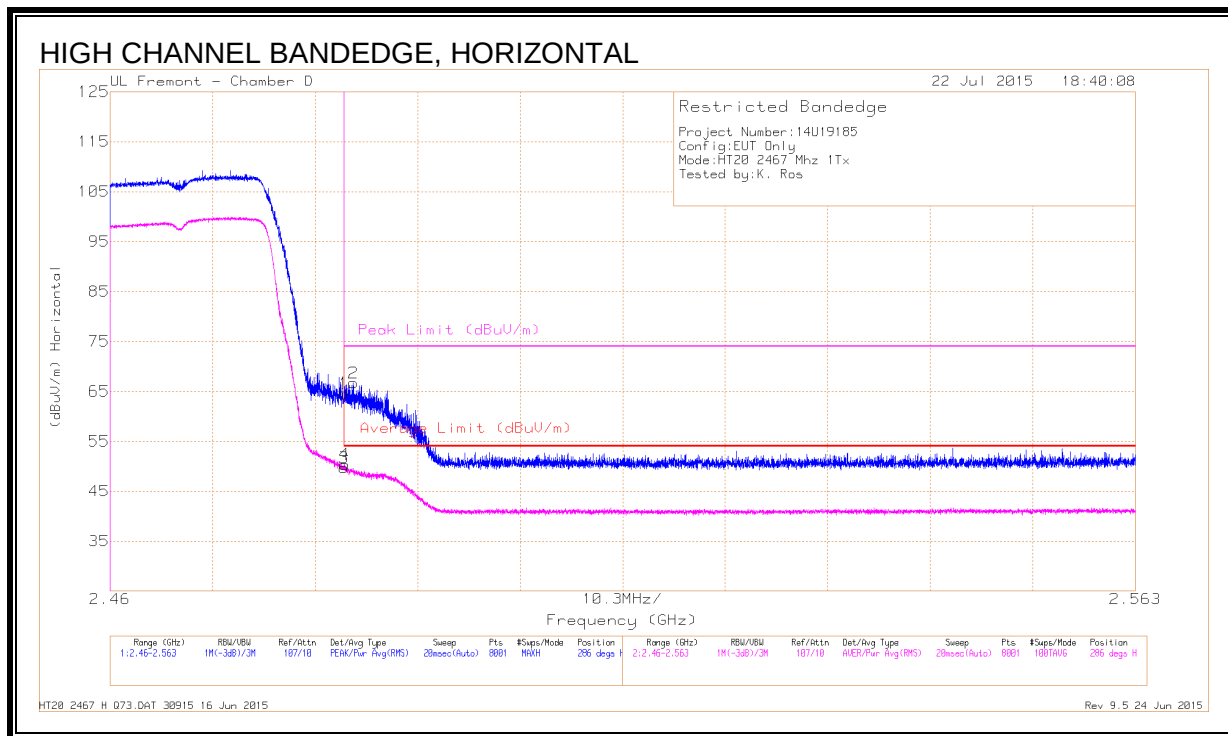
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.13	Pk	32.2	-20.8	57.53	-	-	74	-16.47	249	309	V
2	* 2.484	46.95	Pk	32.2	-20.8	58.35	-	-	74	-15.65	249	309	V
3	* 2.484	32.8	RMS	32.2	-20.8	44.2	54	-9.8	-	-	249	309	V
4	* 2.484	33.46	RMS	32.2	-20.8	44.86	54	-9.14	-	-	249	309	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 12)



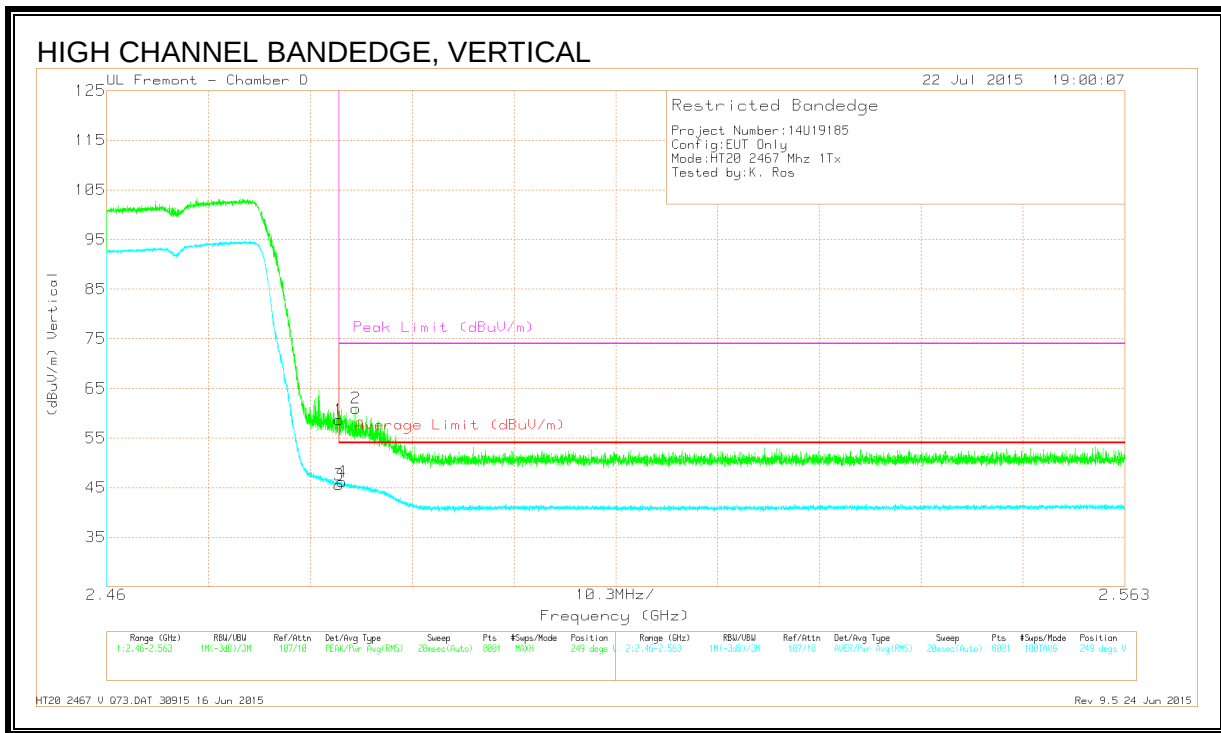
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ 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	53.24	Pk	32.2	-20.8	64.64	-	-	74	-9.36	286	251	H
2	* 2.484	55.31	Pk	32.2	-20.8	66.71	-	-	74	-7.29	286	251	H
3	* 2.484	38.29	RMS	32.2	-20.8	49.69	54	-4.31	-	-	286	251	H
4	* 2.484	38.97	RMS	32.2	-20.8	50.37	54	-3.62	-	-	286	251	H

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

Pk - Peak detector

RMS - RMS detection



DATA

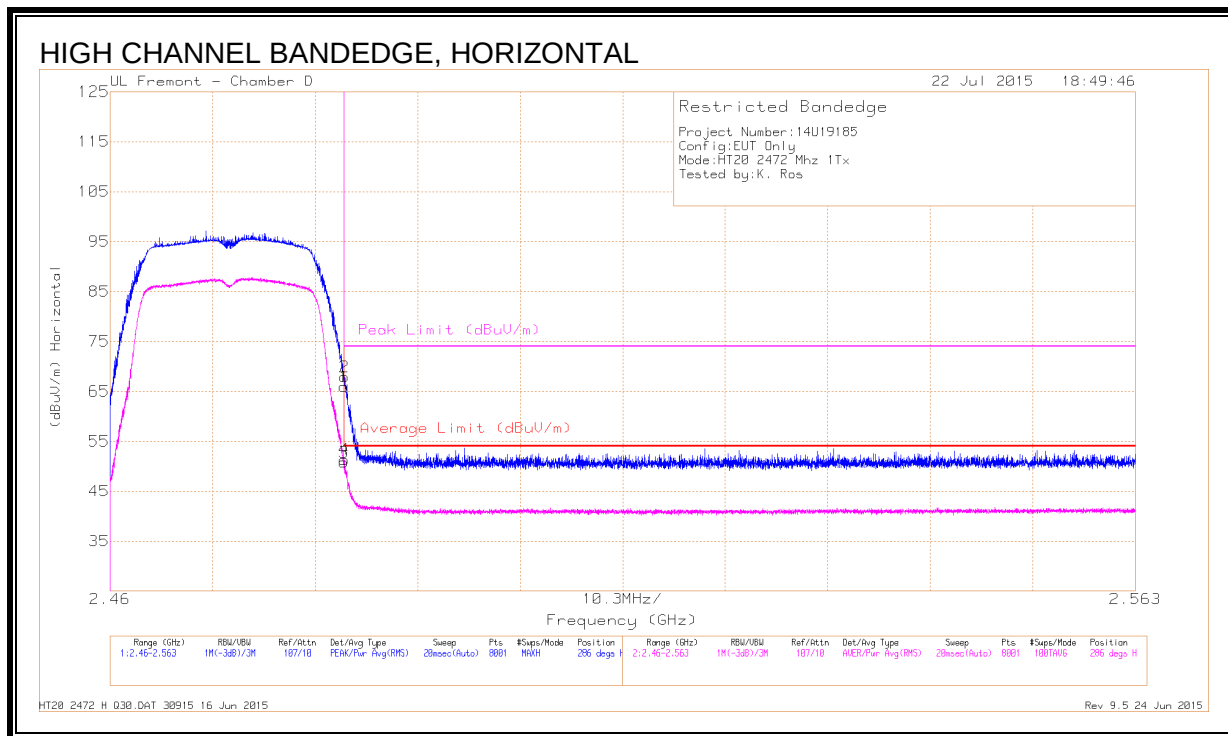
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.27	Pk	32.2	-20.8	58.67	-	-	74	-15.33	249	309	V
2	* 2.485	49.61	Pk	32.2	-20.8	61.01	-	-	74	-12.99	249	309	V
3	* 2.484	34.21	RMS	32.2	-20.8	45.61	54	-8.39	-	-	249	309	V
4	* 2.484	34.81	RMS	32.2	-20.8	46.21	54	-9.79	-	-	249	309	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 13)



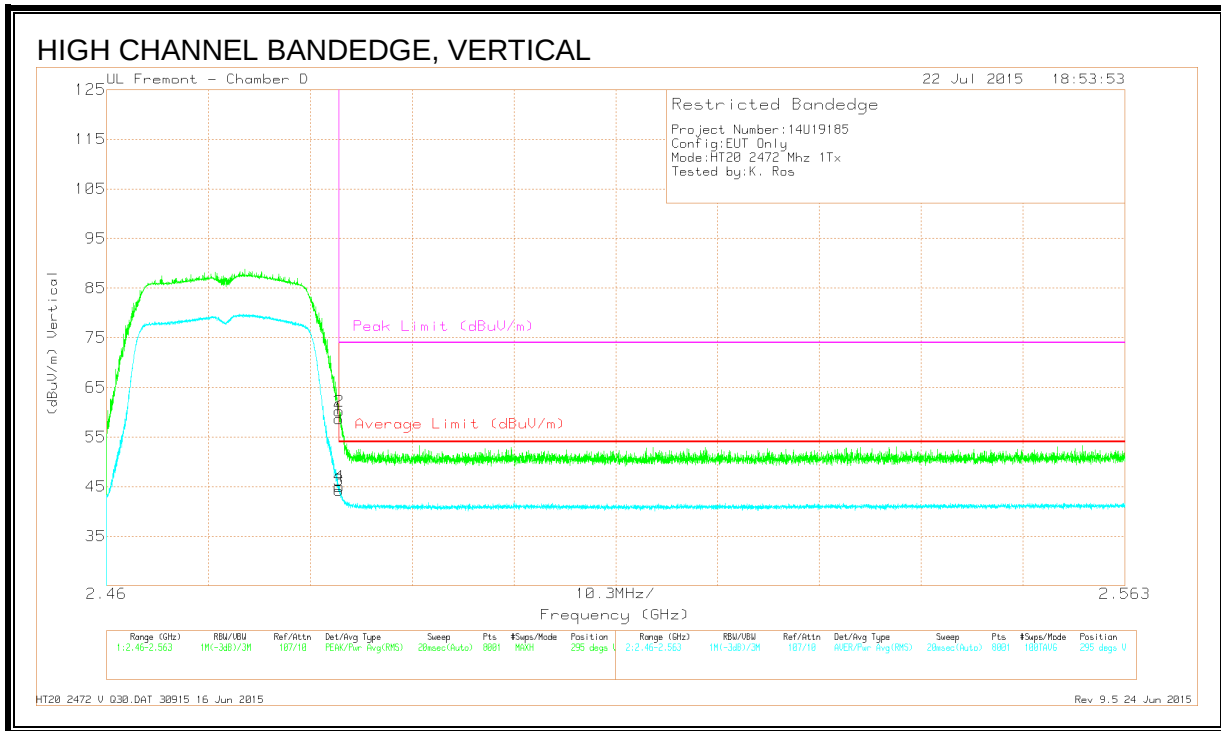
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.63	Pk	32.2	-20.8	66.03	-	-	74	-7.97	286	251	H
2	* 2.484	56.5	Pk	32.2	-20.8	67.9	-	-	74	-6.1	286	251	H
3	* 2.484	39.41	RMS	32.2	-20.8	50.81	54	-3.19	-	-	286	251	H
4	* 2.484	39.96	RMS	32.2	-20.8	51.36	54	-2.74	-	-	286	251	H

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

Pk - Peak detector

RMS - RMS detection



DATA

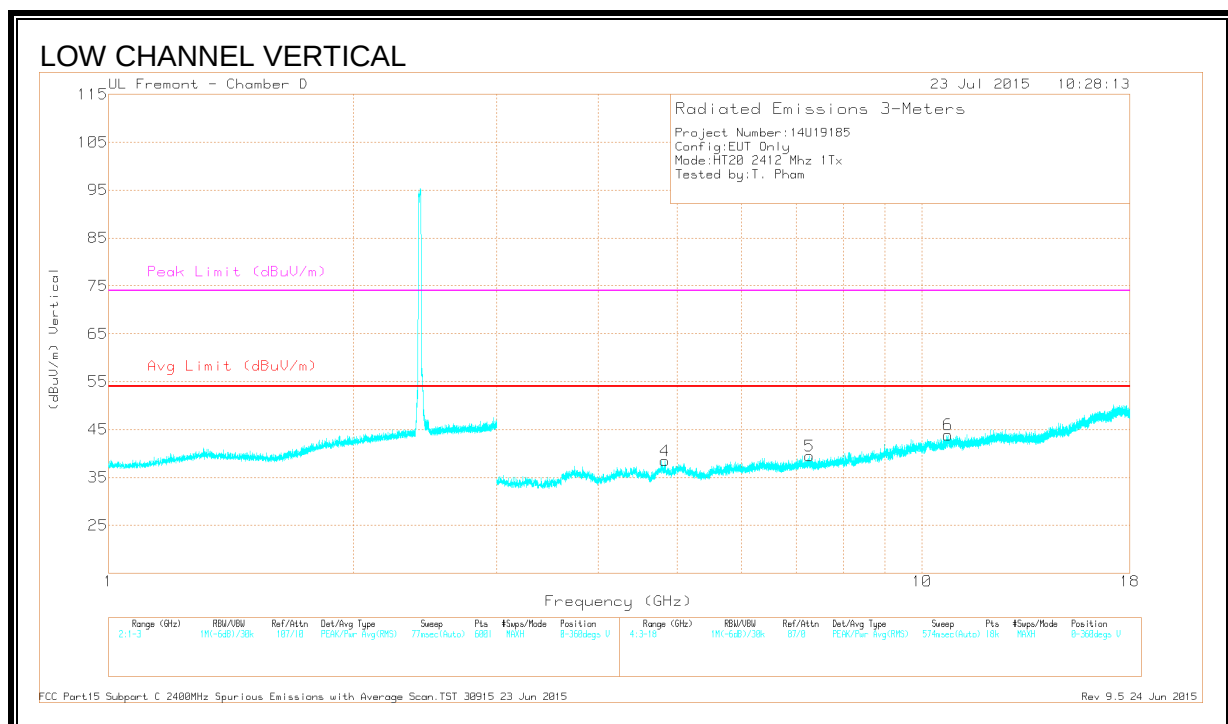
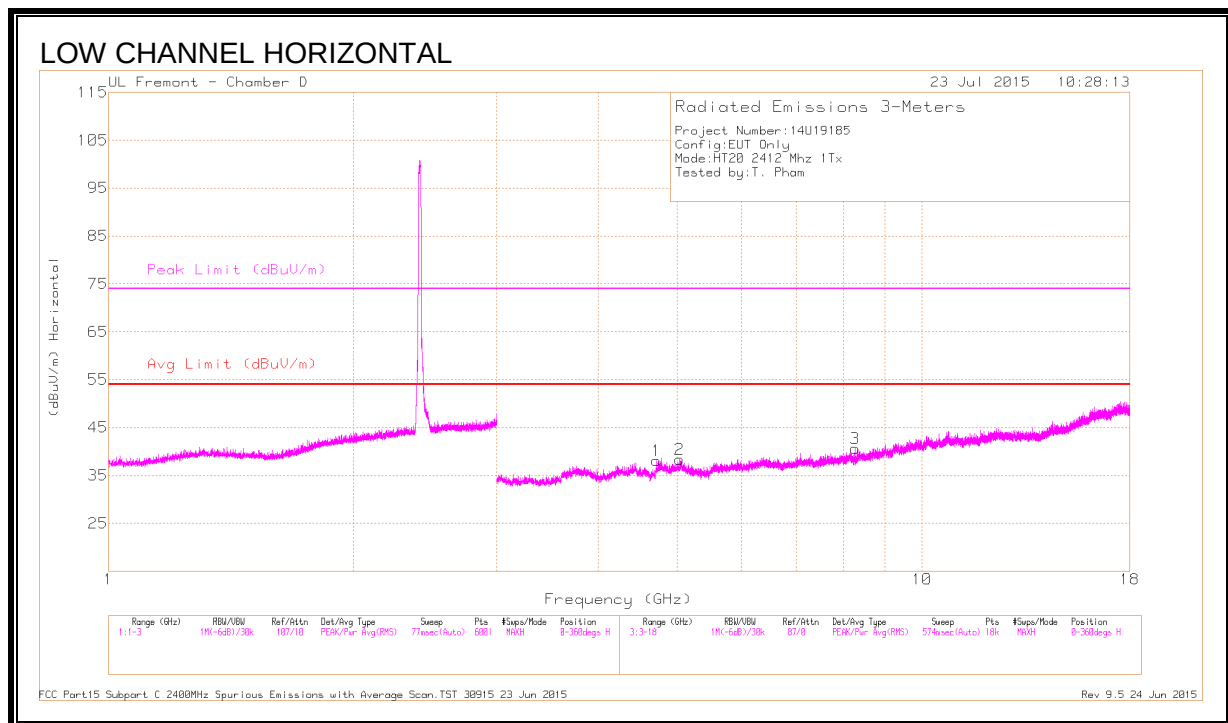
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.27	Pk	32.2	-20.8	58.67	-	-	74	-15.33	295	251	V
2	* 2.484	48.79	Pk	32.2	-20.8	60.19	-	-	74	-13.81	295	251	V
3	* 2.484	32.87	RMS	32.2	-20.8	44.27	54	-9.73	-	-	295	251	V
4	* 2.484	33.63	RMS	32.2	-20.8	45.03	54	-8.97	-	-	295	251	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

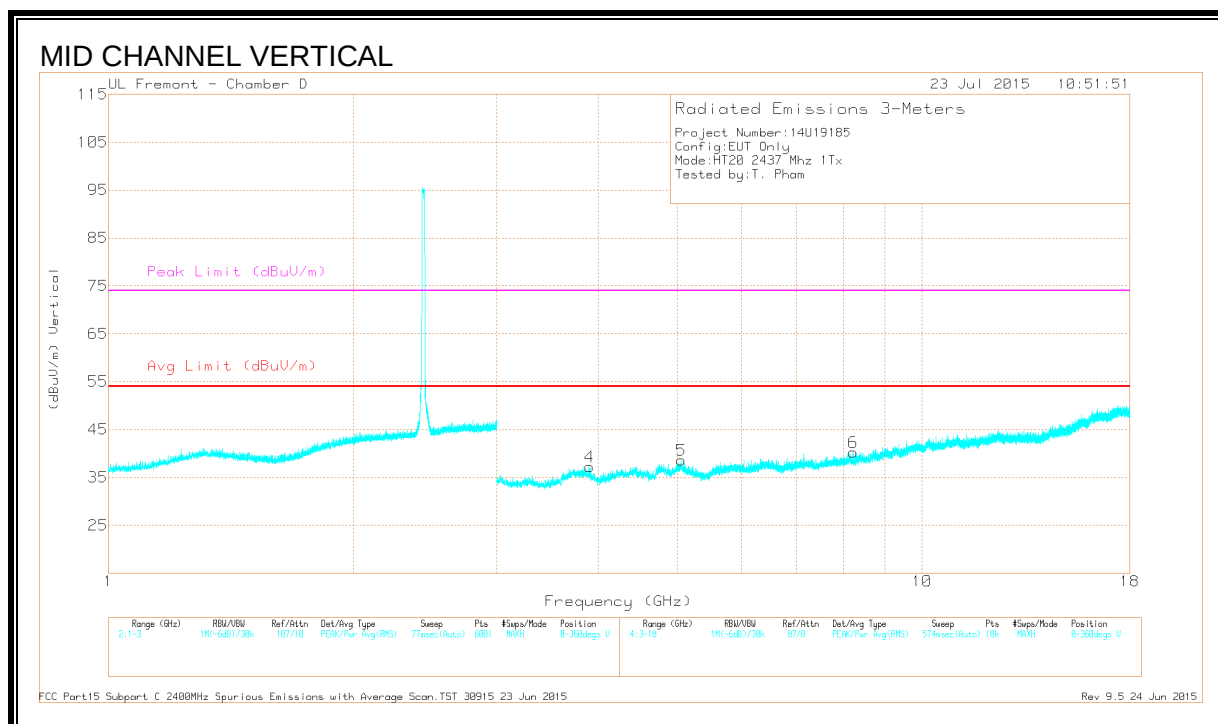
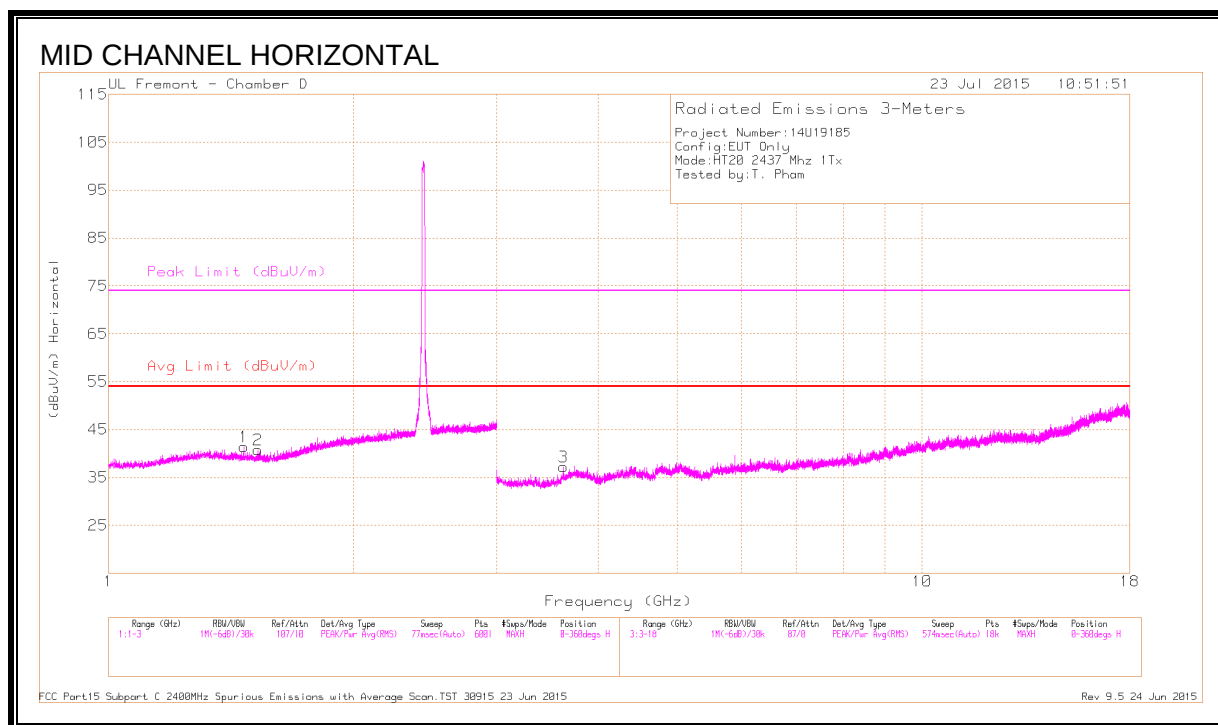
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.715	38.85	PK2	34.2	-27.2	45.85	-	-	74	-28.15	129	140	H
	* 4.715	27.11	MAv1	34.2	-27.2	34.11	54	-19.89	-	-	129	140	H
2	* 5.031	38.23	PK2	34.3	-26.8	45.73	-	-	74	-28.27	215	251	H
	* 5.032	26.23	MAv1	34.3	-26.8	33.73	54	-20.27	-	-	215	251	H
3	* 8.274	36.67	PK2	35.7	-24.5	47.87	-	-	74	-26.13	354	180	H
	* 8.274	24.76	MAv1	35.7	-24.6	35.86	54	-18.14	-	-	354	180	H
4	* 4.833	37.98	PK2	34.1	-27.6	44.48	-	-	74	-29.52	18	148	V
	* 4.833	26.91	MAv1	34.1	-27.6	33.41	54	-20.59	-	-	18	148	V
5	* 7.269	37.04	PK2	35.5	-25.2	47.34	-	-	74	-26.66	285	156	V
	* 7.269	25.32	MAv1	35.5	-25.2	35.62	54	-18.38	-	-	285	156	V
6	* 10.755	34.72	PK2	37.9	-20.4	52.22	-	-	74	-21.78	116	290	V
	* 10.755	22.63	MAv1	37.9	-20.4	40.13	54	-13.87	-	-	116	290	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

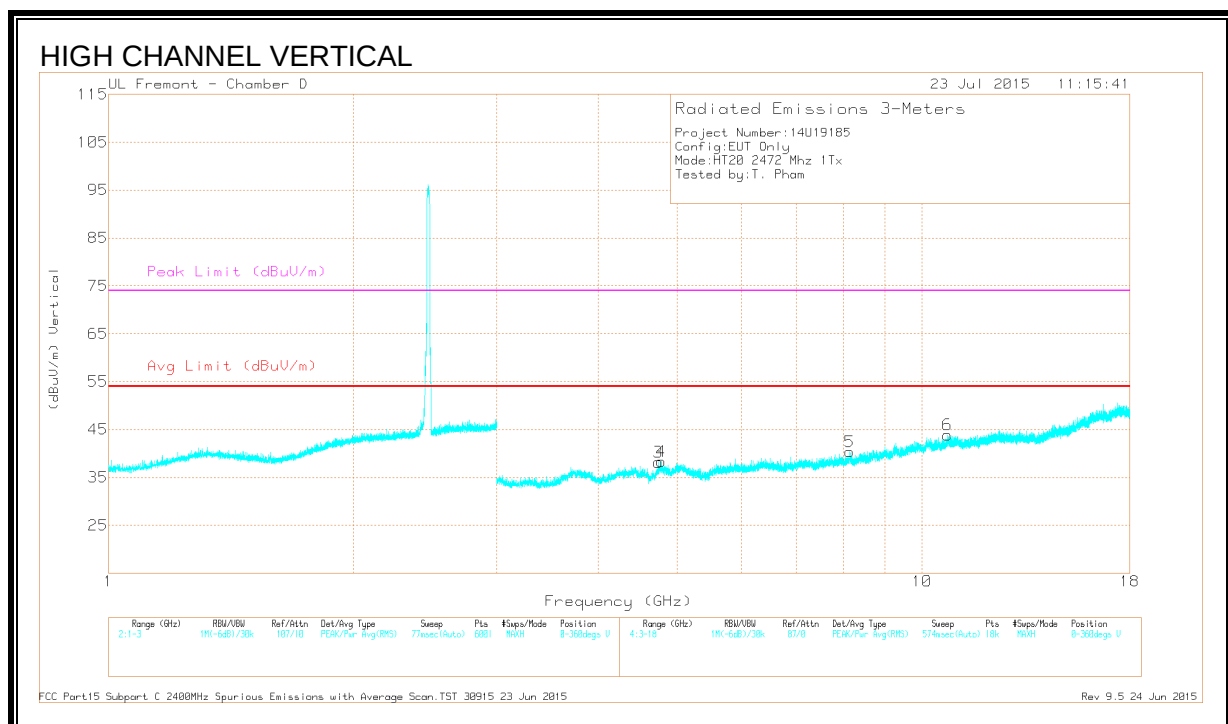
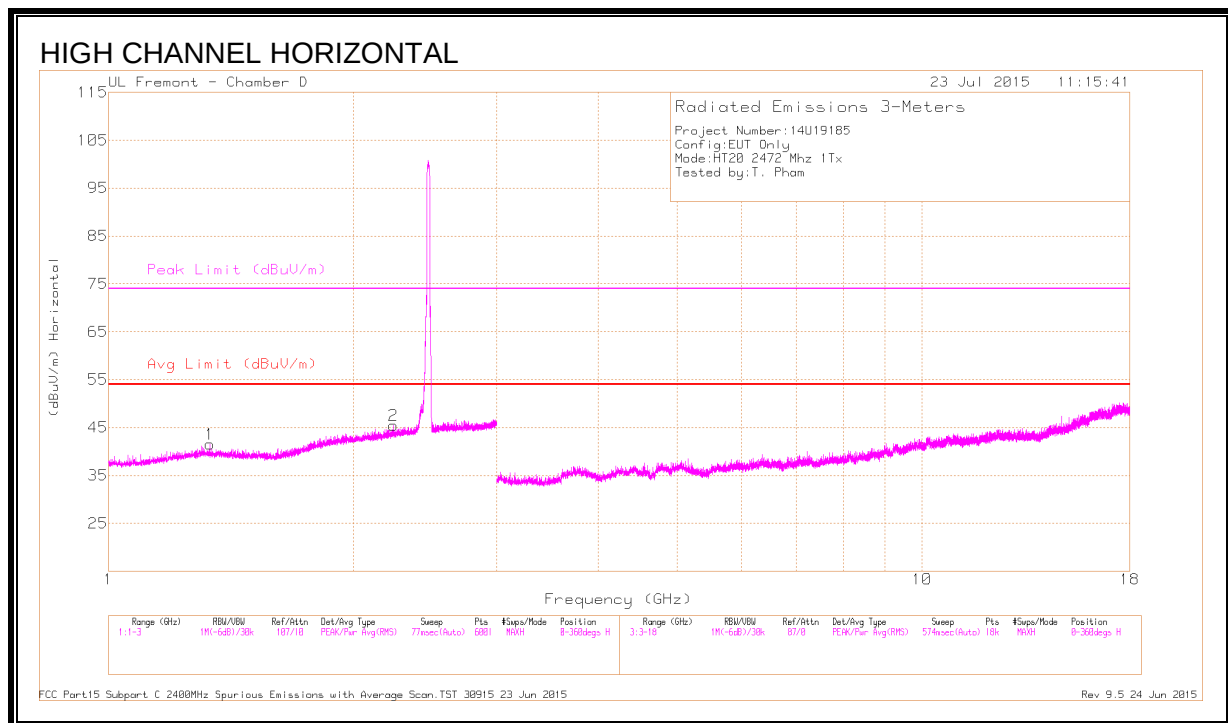
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.466	41.85	PK2	28.4	-22	48.25	-	-	74	-25.75	27	111	H
	* 1.467	30.15	MAv1	28.4	-22	36.55	54	-17.45	-	-	27	111	H
2	* 1.525	42.31	PK2	28.2	-21.9	48.61	-	-	74	-25.39	159	181	H
	* 1.525	30.36	MAv1	28.2	-21.9	36.66	54	-17.34	-	-	159	181	H
3	* 3.621	39	PK2	33.1	-28.6	43.5	-	-	74	-30.5	23	228	H
	* 3.622	27.45	MAv1	33.1	-28.6	31.95	54	-22.05	-	-	23	228	H
4	* 3.903	38.67	PK2	33.4	-28.2	43.87	-	-	74	-30.13	122	168	V
	* 3.904	27.5	MAv1	33.4	-28.2	32.7	54	-21.3	-	-	122	168	V
5	* 5.057	38.6	PK2	34.3	-26.7	46.2	-	-	74	-27.8	42	228	V
	* 5.058	26.59	MAv1	34.3	-26.7	34.19	54	-19.81	-	-	42	228	V
6	* 8.235	36.21	PK2	35.7	-24.5	47.41	-	-	74	-26.59	25	286	V
	* 8.234	24.66	MAv1	35.7	-24.5	35.86	54	-18.14	-	-	25	286	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	* 1.331	41.67	PK2	28.9	-22.2	48.37	-	-	74	-25.63	323	247	H
	* 1.331	30.33	MAv1	28.9	-22.2	37.03	54	-16.97	-	-	323	247	H
2	* 2.238	41.87	PK2	31.7	-21	52.57	-	-	74	-21.43	24	178	H
	* 2.237	30.15	MAv1	31.7	-21	40.85	54	-13.15	-	-	24	178	H
3	* 4.738	38.36	PK2	34.2	-26.9	45.66	-	-	74	-28.34	78	263	V
	* 4.739	26.82	MAv1	34.2	-26.9	34.12	54	-19.88	-	-	78	263	V
4	* 4.777	38.03	PK2	34.1	-26.6	45.53	-	-	74	-28.47	159	126	V
	* 4.778	26.72	MAv1	34.1	-26.6	34.22	54	-19.78	-	-	159	126	V
5	* 8.144	36.38	PK2	35.6	-23	48.98	-	-	74	-25.02	98	283	V
	* 8.145	24.12	MAv1	35.6	-23	36.72	54	-17.28	-	-	98	283	V
6	* 10.744	34.01	PK2	37.9	-20.7	51.21	-	-	74	-22.79	16	248	V
	* 10.744	22.62	MAv1	37.9	-20.7	39.82	54	-14.18	-	-	16	248	V

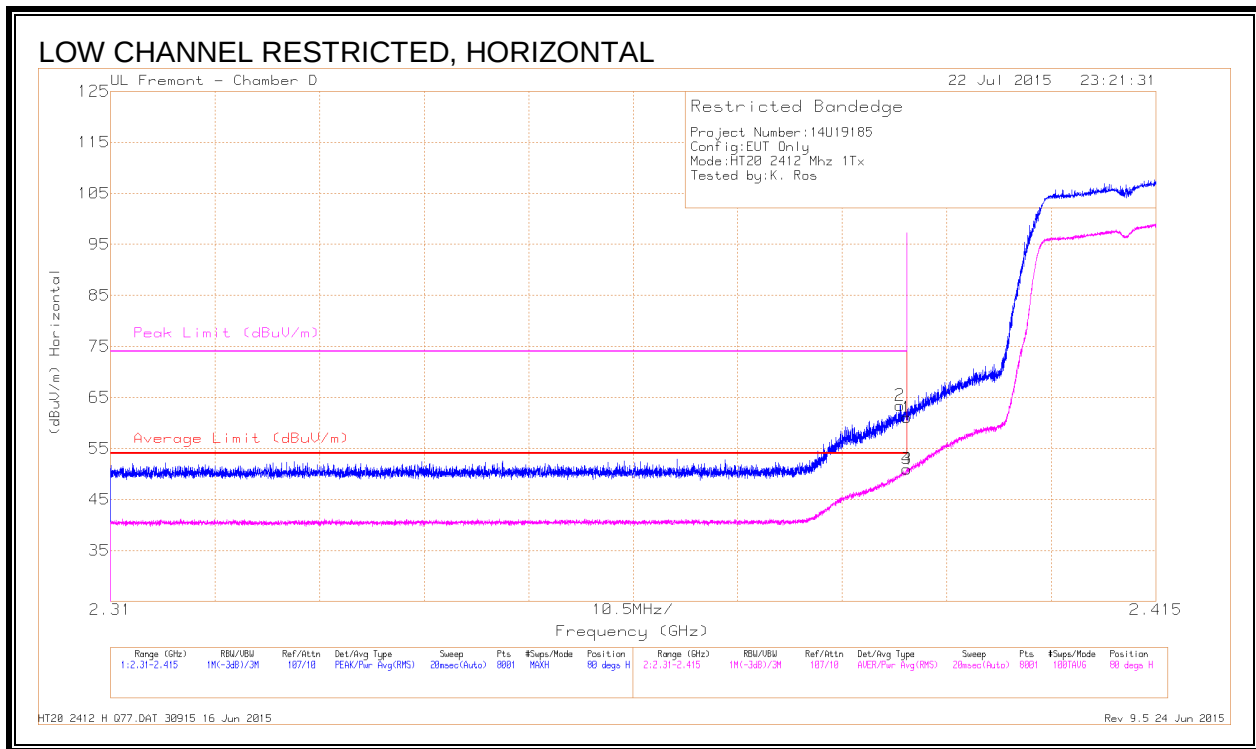
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.4 802.11n HT20 1Tx MODE IN THE 2.4 GHz BAND CHAIN 1

RESTRICTED BANDEDGE (LOW CHANNEL, CH 1)



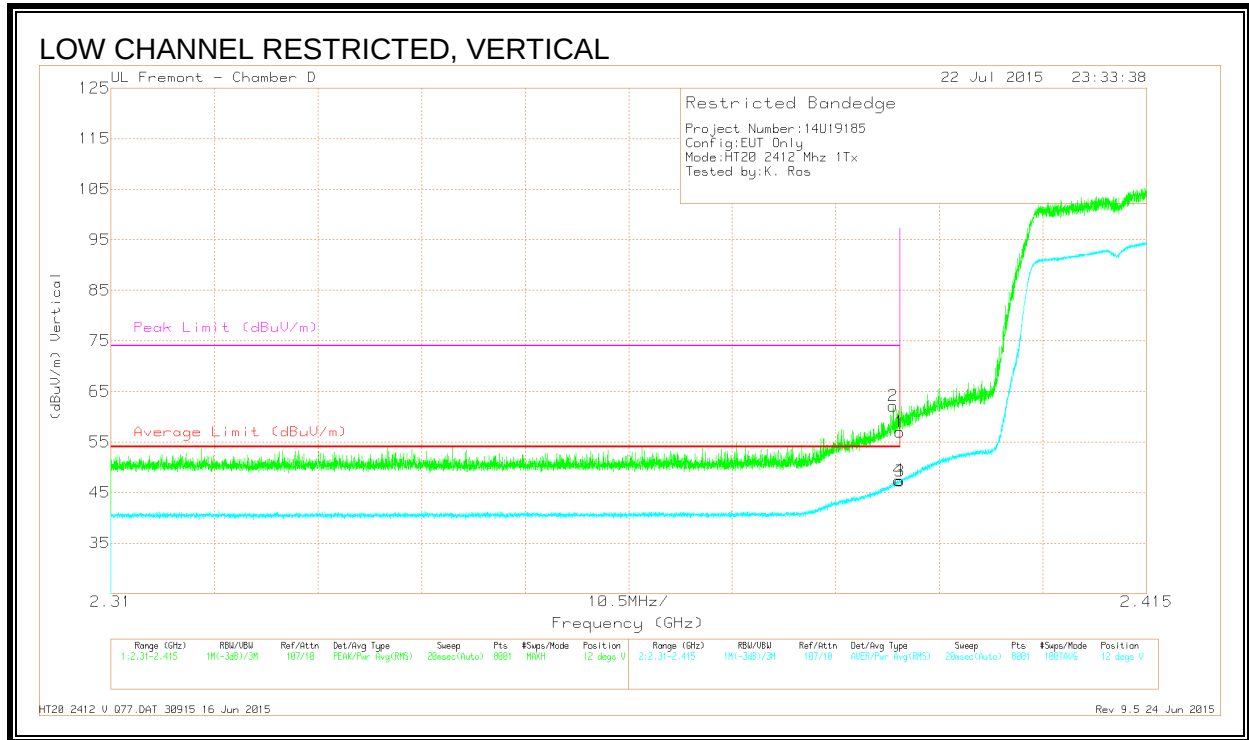
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ 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	49.65	Pk	32.1	-20.7	61.05	-	-	74	-12.95	80	255	H
2	* 2.389	52.05	Pk	32.1	-20.7	63.45	-	-	74	-10.55	80	255	H
3	* 2.39	39.59	RMS	32.1	-20.7	50.99	54	-3.01	-	-	80	255	H
4	* 2.39	39.58	RMS	32.1	-20.7	50.98	54	-3.02	-	-	80	255	H

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

Pk - Peak detector

RMS - RMS detection



DATA

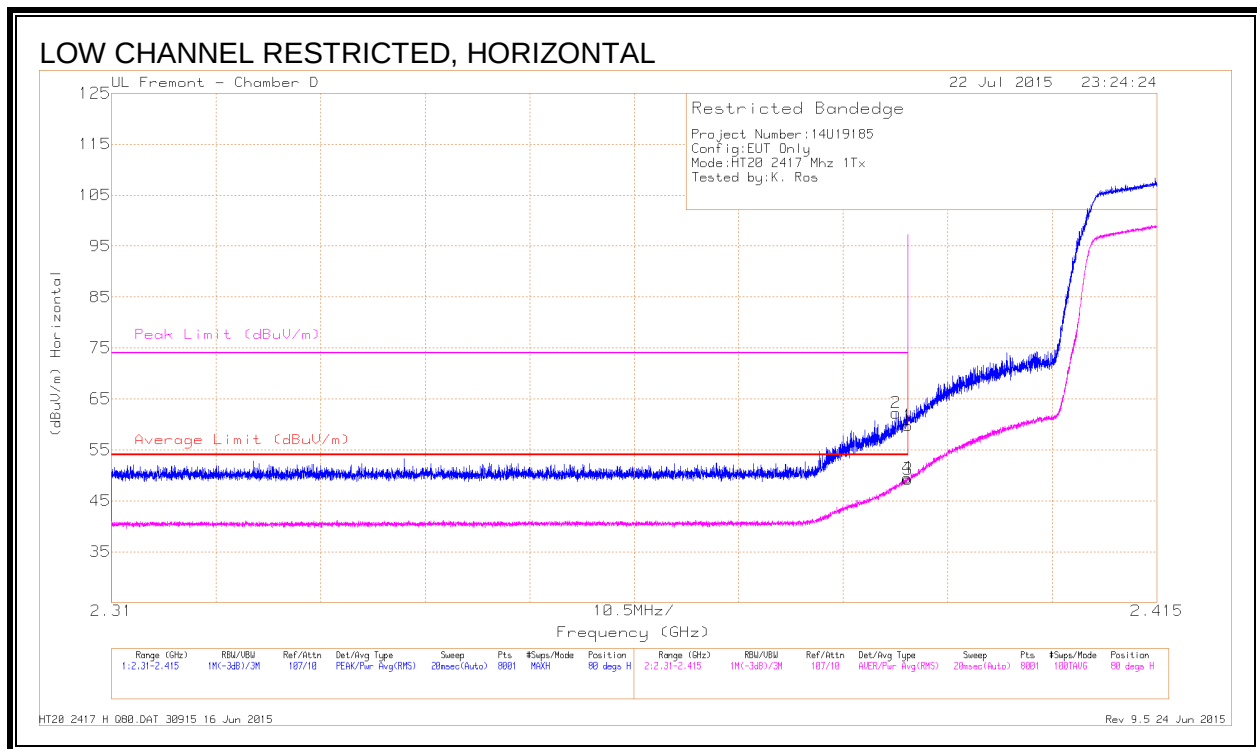
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	45.59	Pk	32.1	-20.7	56.99	-	-	74	-17.01	12	179	V
2	* 2.389	50.74	Pk	32.1	-20.7	62.14	-	-	74	-11.86	12	179	V
3	* 2.39	35.86	RMS	32.1	-20.7	47.26	54	-6.74	-	-	12	179	V
4	* 2.39	36.04	RMS	32.1	-20.7	47.44	54	-6.56	-	-	12	179	V

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

Pk - Peak detector

RMS - RMS detection

RESTRICTED BANDEDGE (LOW CHANNEL, CH 2)



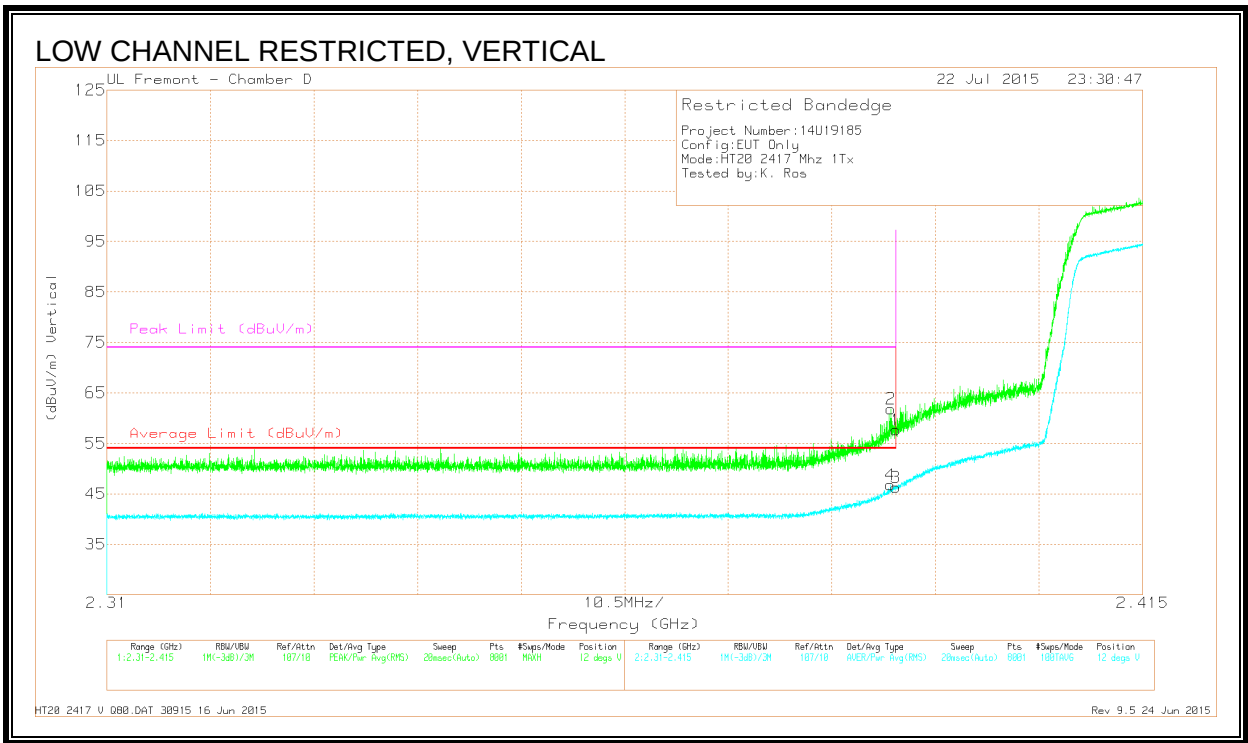
DATA

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	48.35	Pk	32.1	-20.7	59.75	-	-	74	-14.25	80	255	H
2	* 2.389	50.85	Pk	32.1	-20.7	62.25	-	-	74	-11.75	80	255	H
3	* 2.39	37.85	RMS	32.1	-20.7	49.25	54	-4.75	-	-	80	255	H
4	* 2.39	38.09	RMS	32.1	-20.7	49.49	54	-4.51	-	-	80	255	H

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

Pk - Peak detector

RMS - RMS detection



DATA

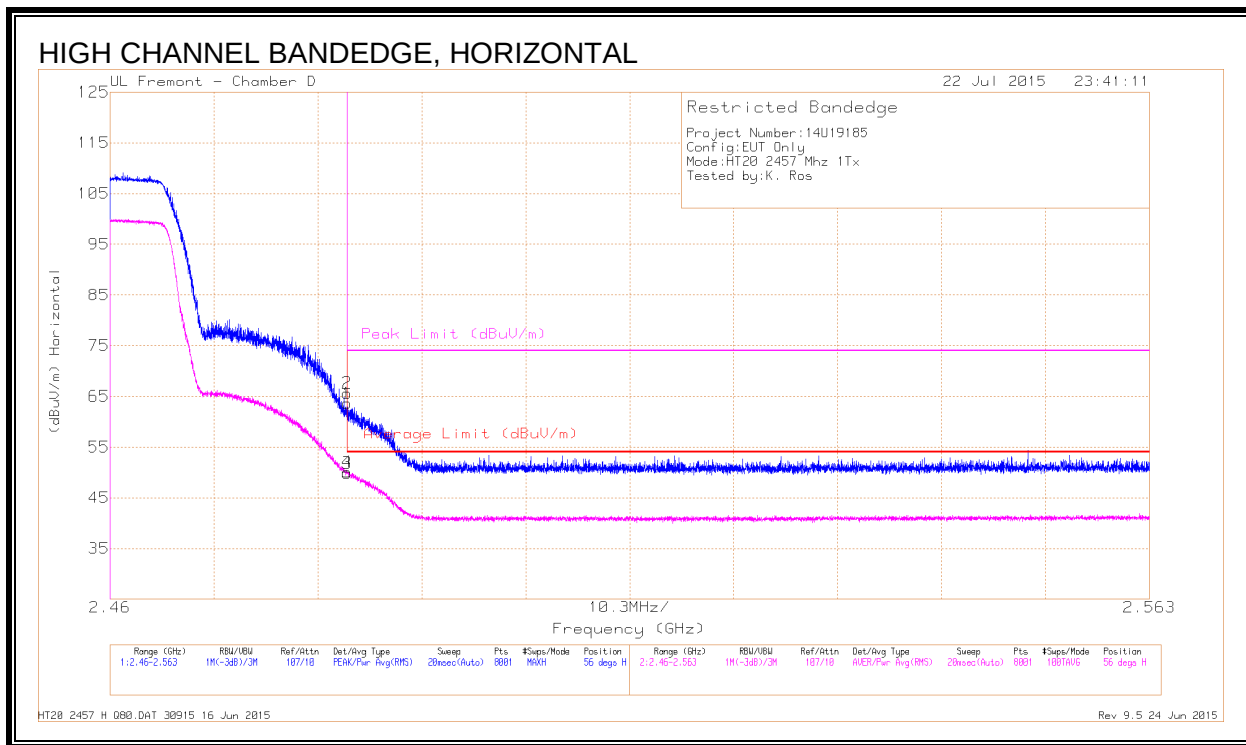
Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.23	Pk	32.1	-20.7	57.63	-	-	74	-16.37	12	179	V
2	* 2.389	50.43	Pk	32.1	-20.7	61.83	-	-	74	-12.17	12	179	V
3	* 2.39	34.9	RMS	32.1	-20.7	46.3	54	-7.7	-	-	12	179	V
4	* 2.389	35.39	RMS	32.1	-20.7	46.79	54	-7.21	-	-	12	179	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 10)



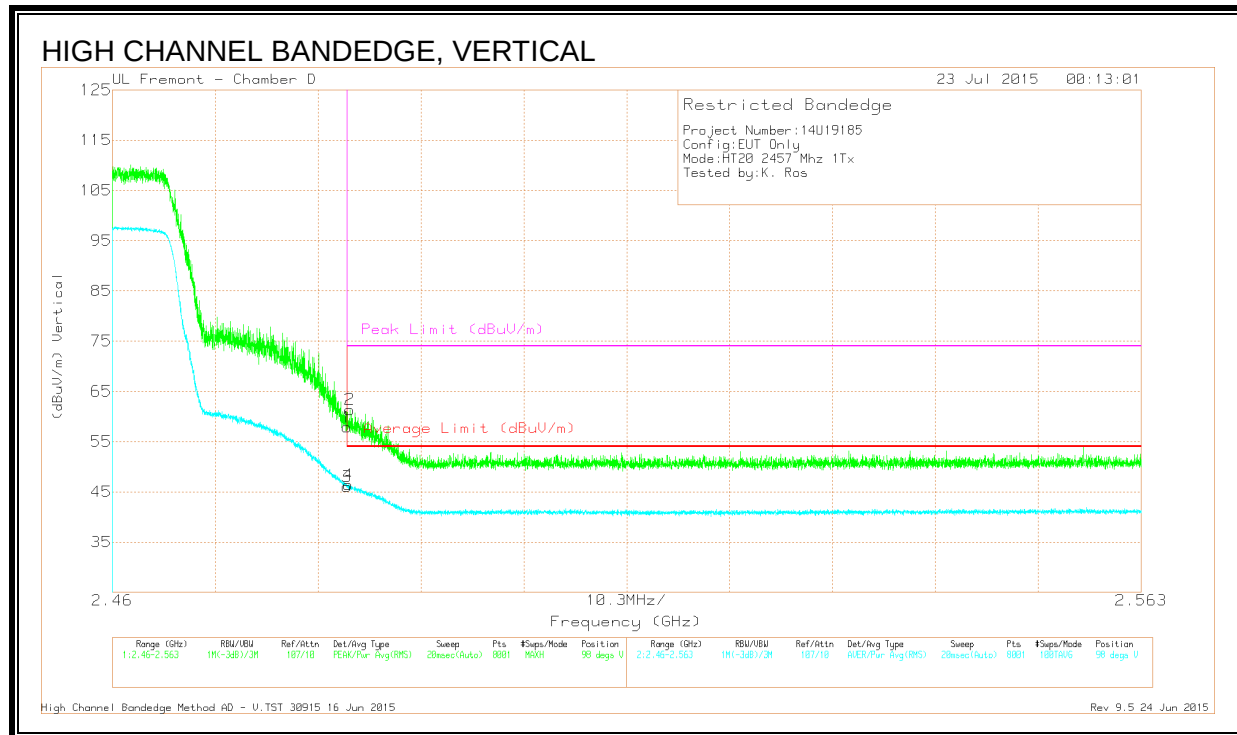
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.21	Pk	32.2	-20.8	63.61	-	-	74	-10.39	56	158	H
2	* 2.484	54.25	Pk	32.2	-20.8	65.65	-	-	74	-8.35	56	158	H
3	* 2.484	38.47	RMS	32.2	-20.8	49.87	54	-4.13	-	-	56	158	H
4	* 2.484	38.65	RMS	32.2	-20.8	50.05	54	-3.95	-	-	56	158	H

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

Pk - Peak detector

RMS - RMS detection



DATA

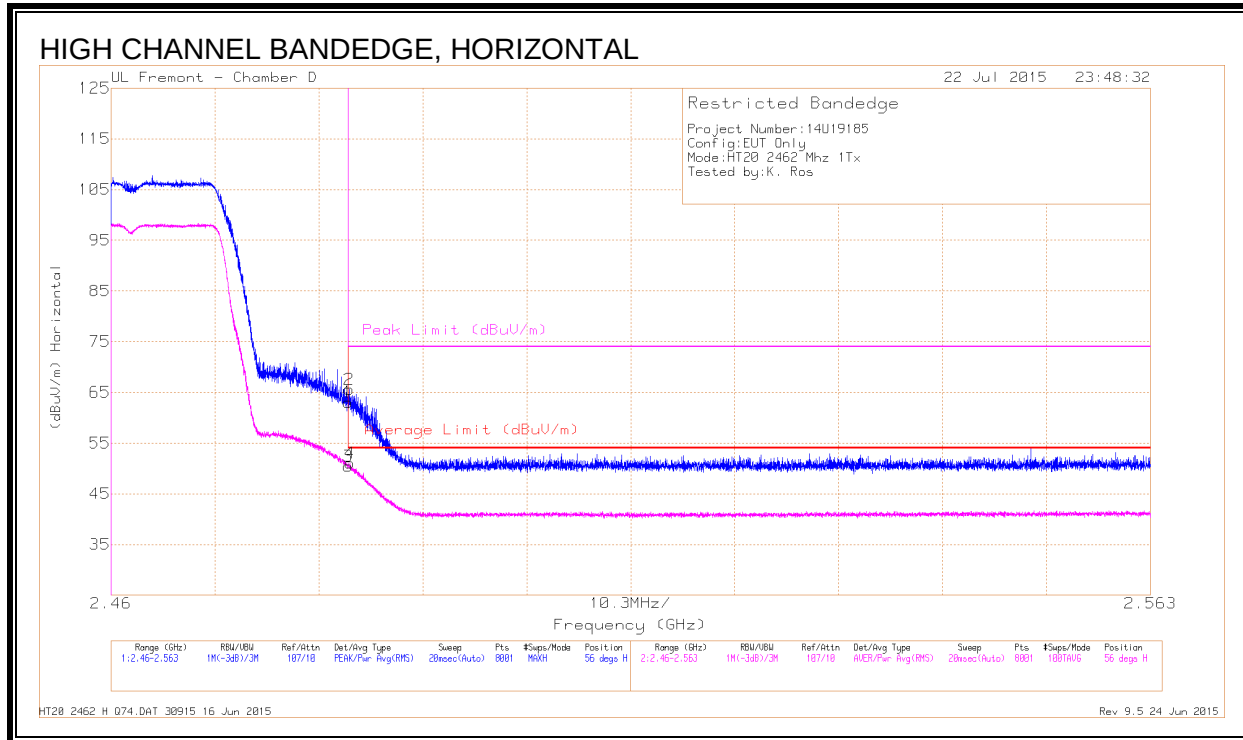
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.47	Pk	32.2	-20.8	57.87	-	-	74	-16.13	98	123	V
2	* 2.484	49.98	Pk	32.2	-20.8	61.38	-	-	74	-12.62	98	123	V
3	* 2.484	34.66	RMS	32.2	-20.8	46.06	54	-7.94	-	-	98	123	V
4	* 2.484	35	RMS	32.2	-20.8	46.4	54	-7.6	-	-	98	123	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 11)



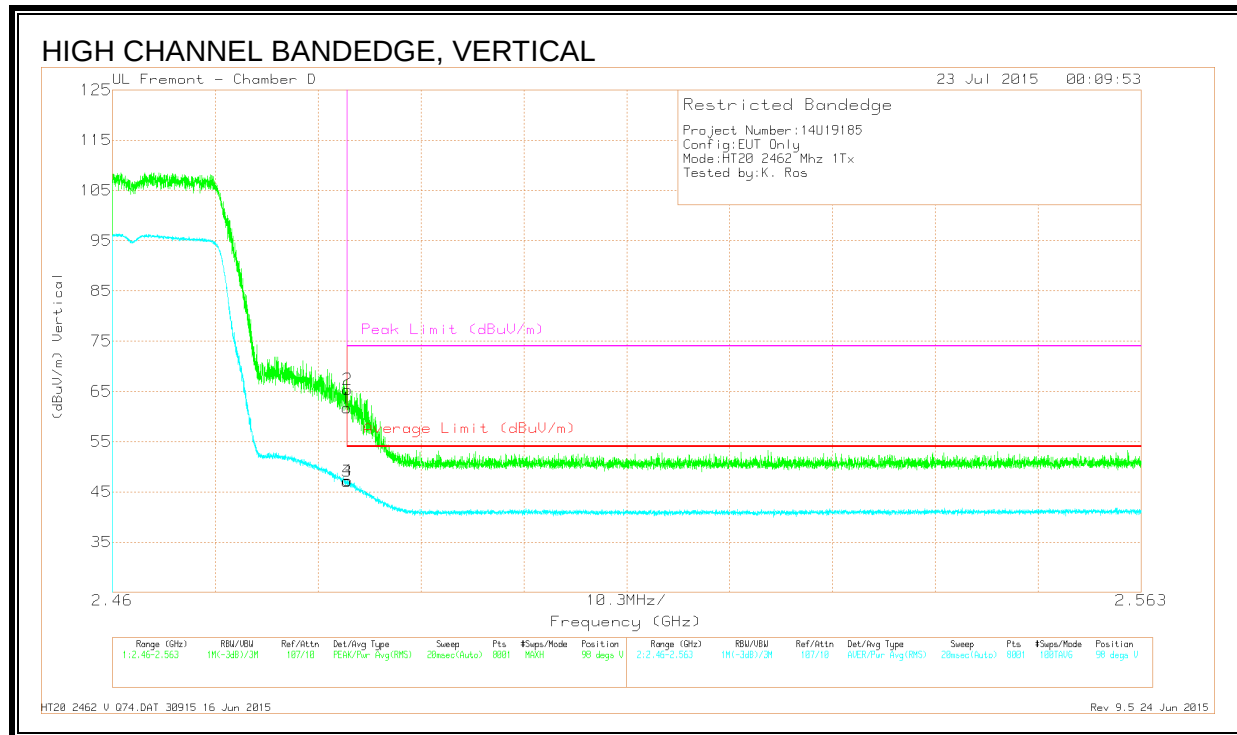
DATA

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	51.67	Pk	32.2	-20.8	63.07	-	-	74	-10.93	56	158	H
2	* 2.484	54.17	Pk	32.2	-20.8	65.57	-	-	74	-8.43	56	158	H
3	* 2.484	39.03	RMS	32.2	-20.8	50.43	54	-3.57	-	-	56	158	H
4	* 2.484	39.63	RMS	32.2	-20.8	51.03	54	-2.97	-	-	56	158	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	50.28	Pk	32.2	-20.8	61.68	-	-	74	-12.32	98	123	V
2	* 2.484	53.97	Pk	32.2	-20.8	65.37	-	-	74	-8.63	98	123	V
3	* 2.484	35.71	RMS	32.2	-20.8	47.11	54	-6.89	-	-	98	123	V
4	* 2.484	35.86	RMS	32.2	-20.8	47.26	54	-6.74	-	-	98	123	V

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

Pk - Peak detector

RMS - RMS detection

UL Fremont - Chamber D

22 Jul 2015 23:52:57

Restricted Bandedge

Project Number: 14U19185
 Config: EUT Only
 Mode: HT20 2467 MHz 1Tx
 Tested by: K. Ros

(dBu/m) Horizontal

Peak Limit (dBu/m)

Average Limit (dBu/m)

10.3MHz/

Frequency (GHz)

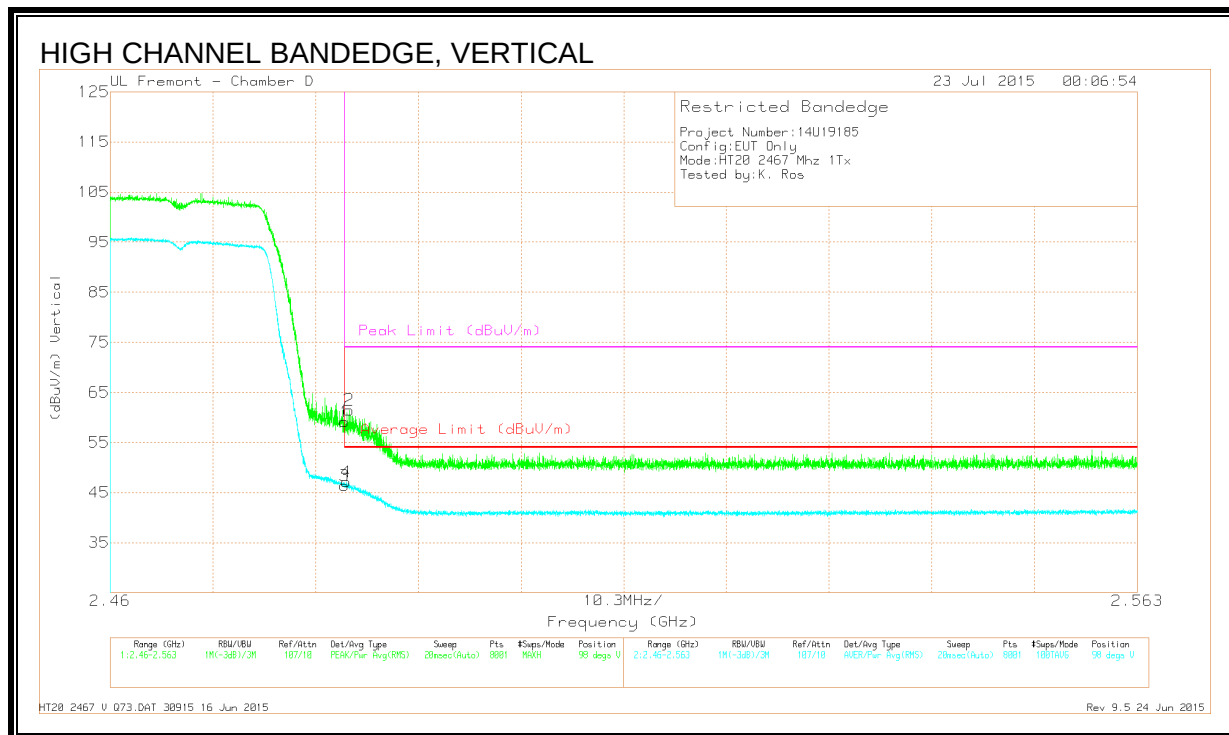
Range (GHz)	RBW/VBW	Ref/Attn	Det/Avg Type	Sweep	Pts	#Sups/Mode	Position	Range (GHz)	RBW/VBW	Ref/Attn	Det/Avg Type	Sweep	Pts	#Sups/Mode	Position
1.2-462.563	1K-3dB/3H	107/10	PERF/Fair Avg(RMS)	20sec/Auto	8881	10dB	56 deg H	2.2-462.563	1K-3dB/3H	107/10	PERF/Fair Avg(RMS)	20sec/Auto	8881	10dB/10	56 deg H

HT20 2467 H 073.DAT 30915 16 Jun 2015

Rev 9.5 24 Jun 2015

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftrt/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	51.91	Pk	32.2	-20.8	63.31	-	-	74	-10.69	56	158	H
2	* 2.484	55.05	Pk	32.2	-20.8	66.45	-	-	74	-7.55	56	158	H
3	* 2.484	39.51	RMS	32.2	-20.8	50.91	54	-3.09	-	-	56	158	H
4	* 2.484	39.83	RMS	32.2	-20.8	51.23	54	-2.77	-	-	56	158	H

RMS - RMS detection



DATA

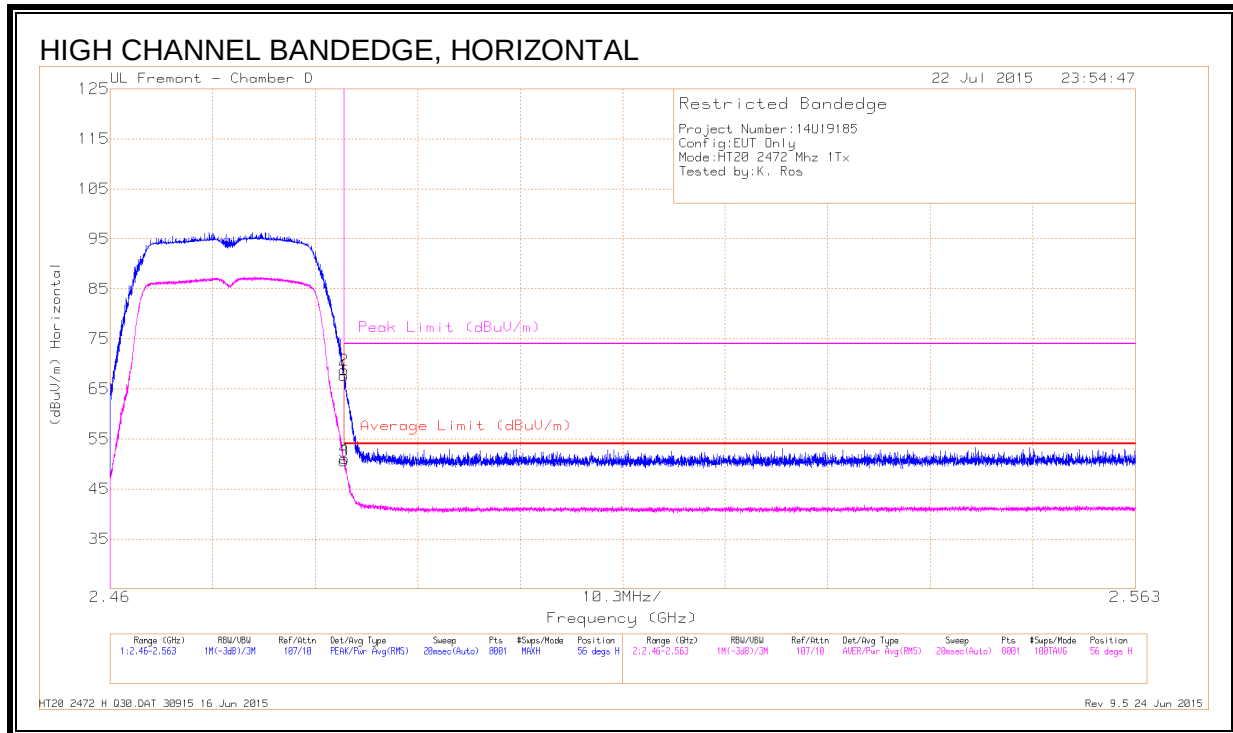
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
1	* 2.484	47.71	Pk	32.2	-20.8	59.11	-	-	74	-14.89	98	123	V
2	* 2.484	50.07	Pk	32.2	-20.8	61.47	-	-	74	-12.53	98	123	V
3	* 2.484	34.99	RMS	32.2	-20.8	46.39	54	-7.61	-	-	98	123	V
4	* 2.484	35.75	RMS	32.2	-20.8	47.15	54	-6.85	-	-	98	123	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 13)



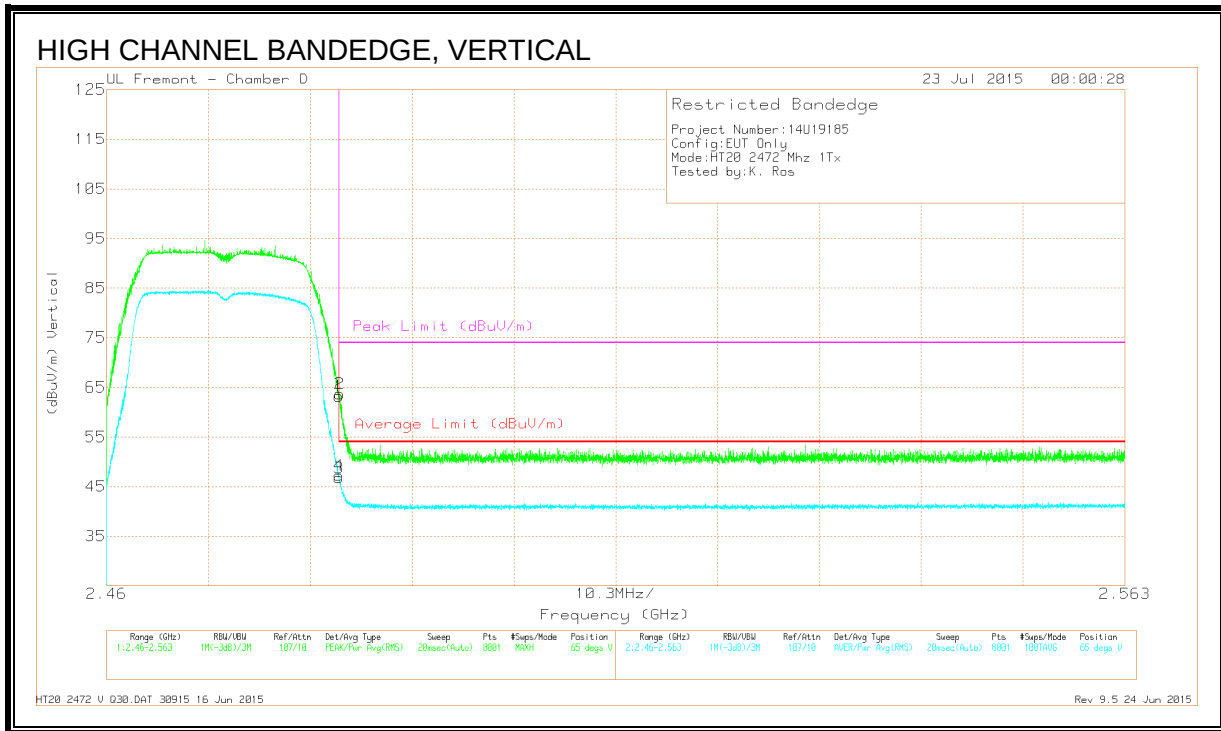
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ 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	56.28	Pk	32.2	-20.8	67.68	-	-	74	-6.32	56	158	H
2	* 2.484	57.36	Pk	32.2	-20.8	68.76	-	-	74	-5.24	56	158	H
3	* 2.484	39.17	RMS	32.2	-20.8	50.57	54	-3.43	-	-	56	158	H
4	* 2.484	39.63	RMS	32.2	-20.8	51.03	54	-2.97	-	-	56	158	H

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

Pk - Peak detector

RMS - RMS detection



DATA

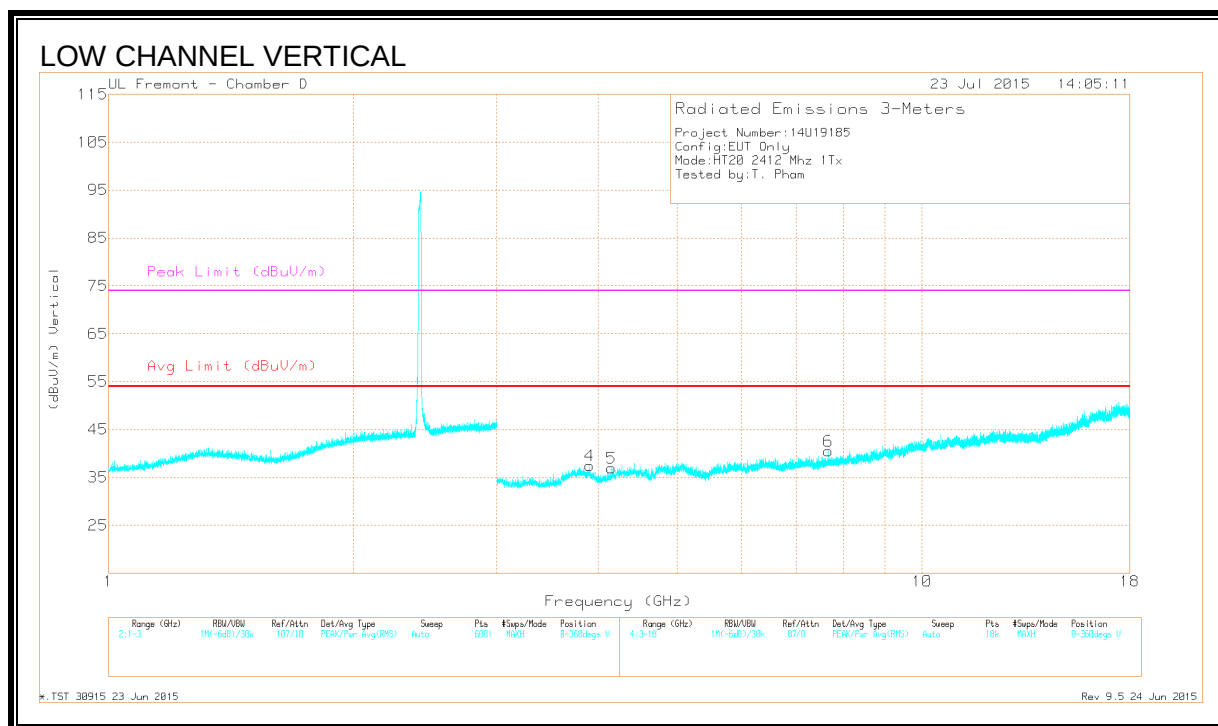
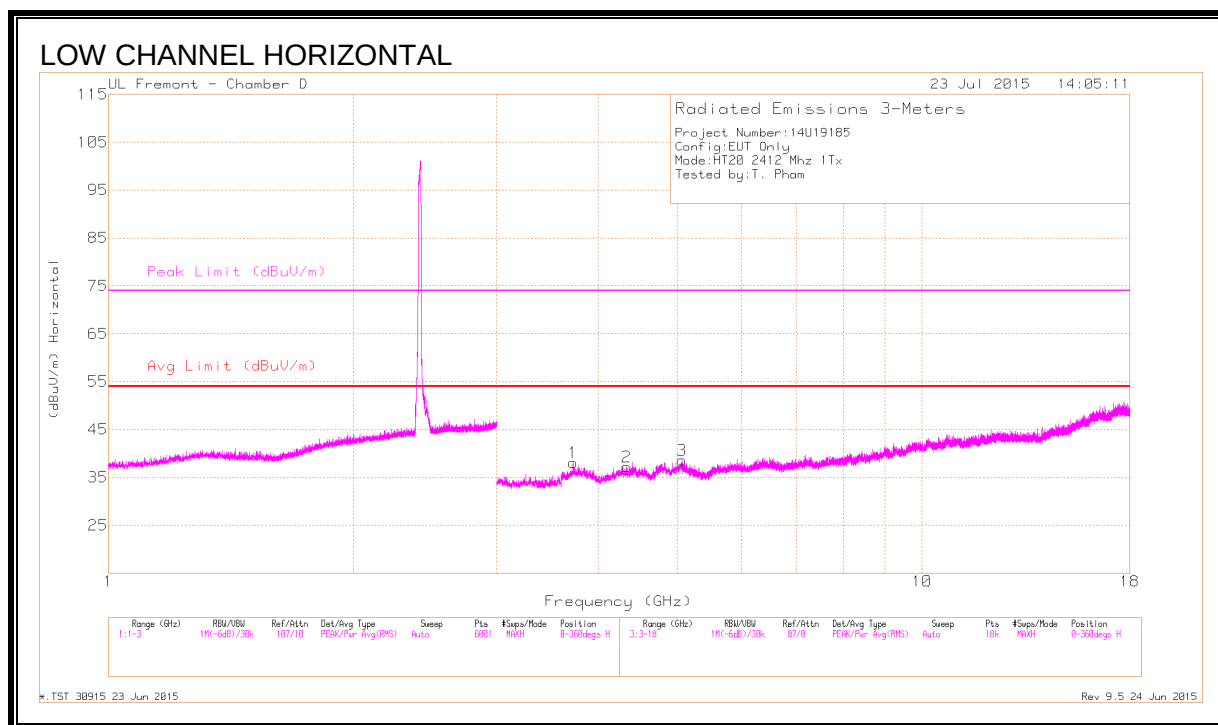
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.83	Pk	32.2	-20.8	63.23	-	-	74	-10.77	65	159	V
2	* 2.484	52.31	Pk	32.2	-20.8	63.71	-	-	74	-10.29	65	159	V
3	* 2.484	35.36	RMS	32.2	-20.8	46.76	54	-7.24	-	-	65	159	V
4	* 2.484	35.84	RMS	32.2	-20.8	47.24	54	-6.76	-	-	65	159	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

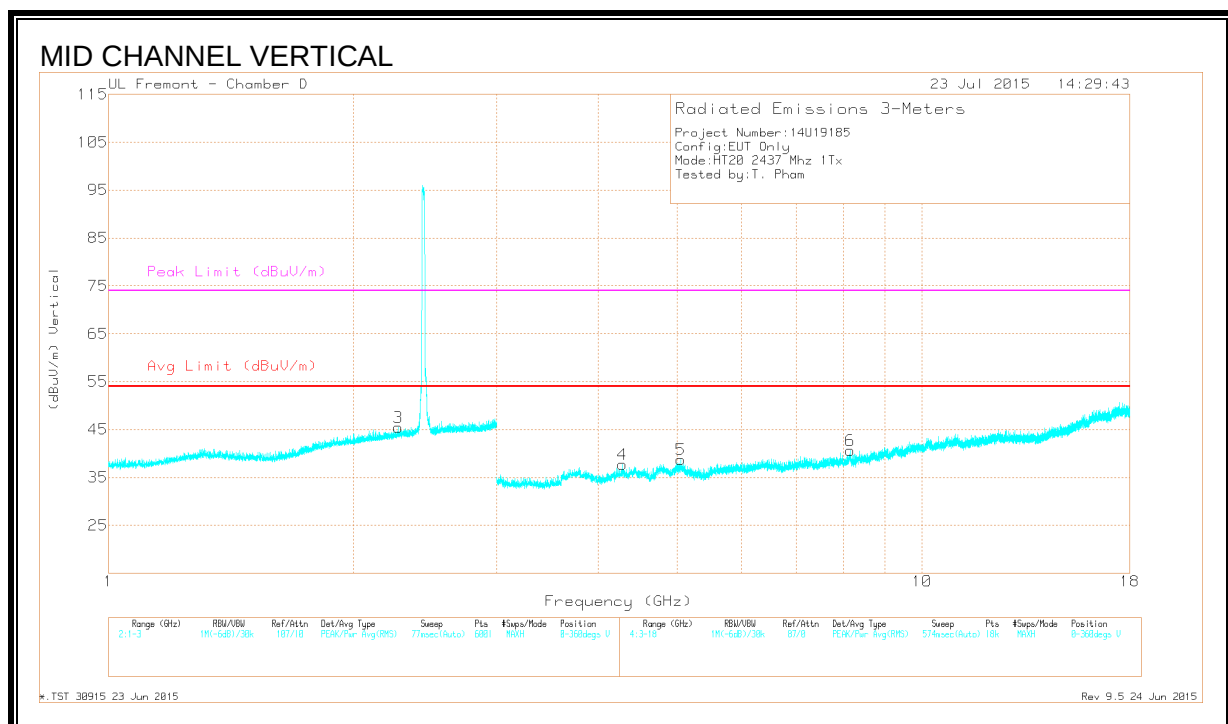
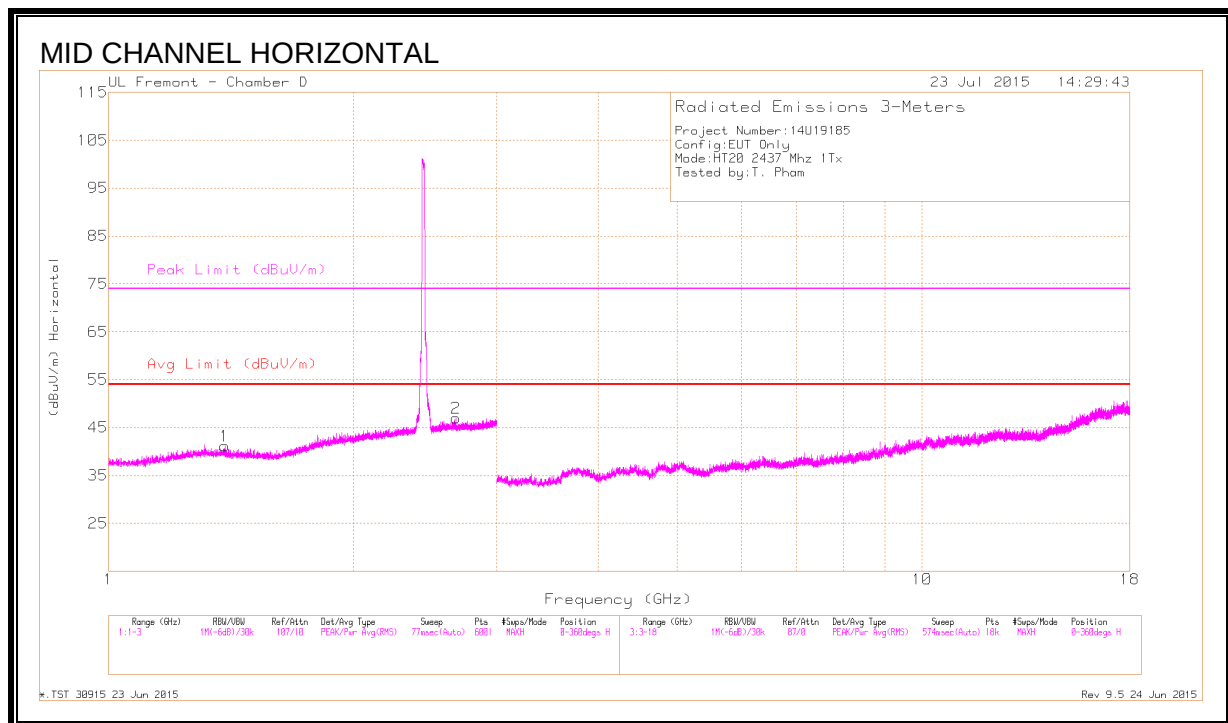
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.728	39.39	PK2	33.2	-28.7	43.89	-	-	74	-30.11	307	123	H
	* 3.728	27.66	MAv1	33.2	-28.7	32.16	54	-21.84	-	-	307	123	H
2	* 4.331	38.17	PK2	33.7	-28.7	43.17	-	-	74	-30.83	59	148	H
	* 4.333	27.31	MAv1	33.7	-28.7	32.31	54	-21.69	-	-	59	148	H
3	* 5.066	38.01	PK2	34.2	-26.7	45.51	-	-	74	-28.49	149	288	H
	* 5.065	26.4	MAv1	34.2	-26.7	33.9	54	-20.1	-	-	149	288	H
4	* 3.904	38.6	PK2	33.4	-28.2	43.8	-	-	74	-30.2	222	155	V
	* 3.905	27.21	MAv1	33.4	-28.2	32.41	54	-21.59	-	-	222	155	V
5	* 4.153	38.63	PK2	33.4	-28.1	43.93	-	-	74	-30.07	213	149	V
	* 4.152	27.17	MAv1	33.4	-28.1	32.47	54	-21.53	-	-	213	149	V
6	* 7.669	36.77	PK2	35.6	-25	47.37	-	-	74	-26.63	205	286	V
	* 7.668	24.96	MAv1	35.6	-25	35.56	54	-18.44	-	-	205	286	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

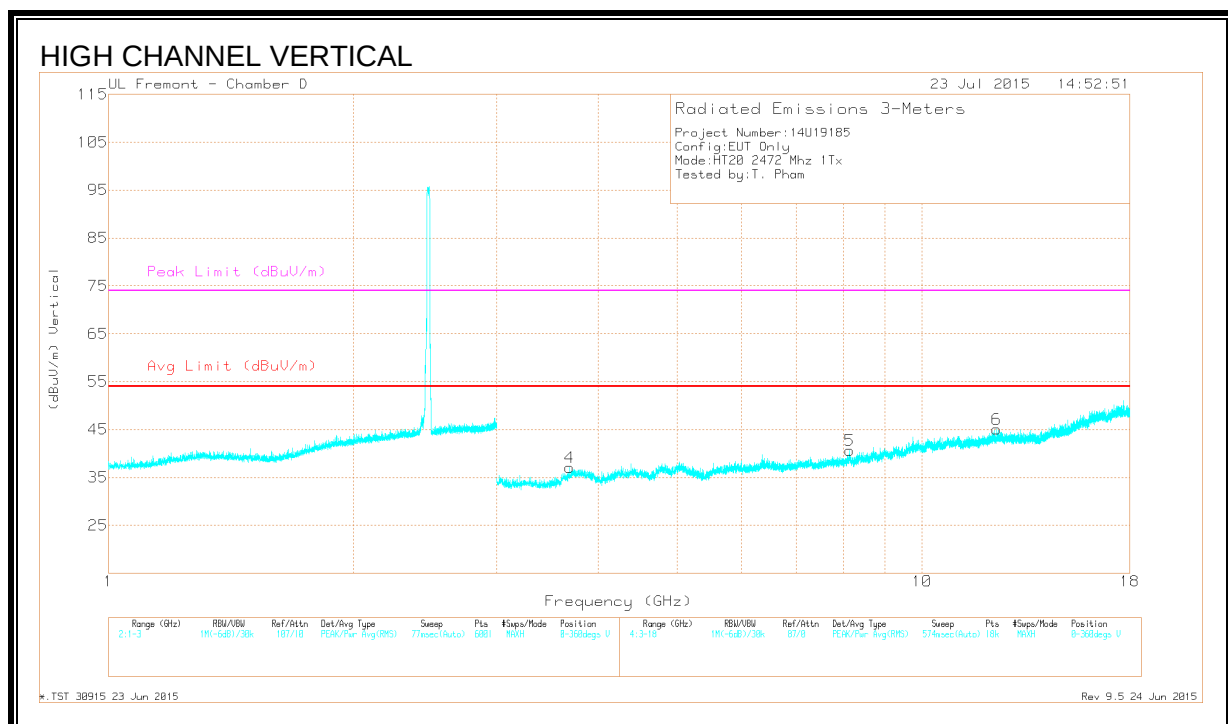
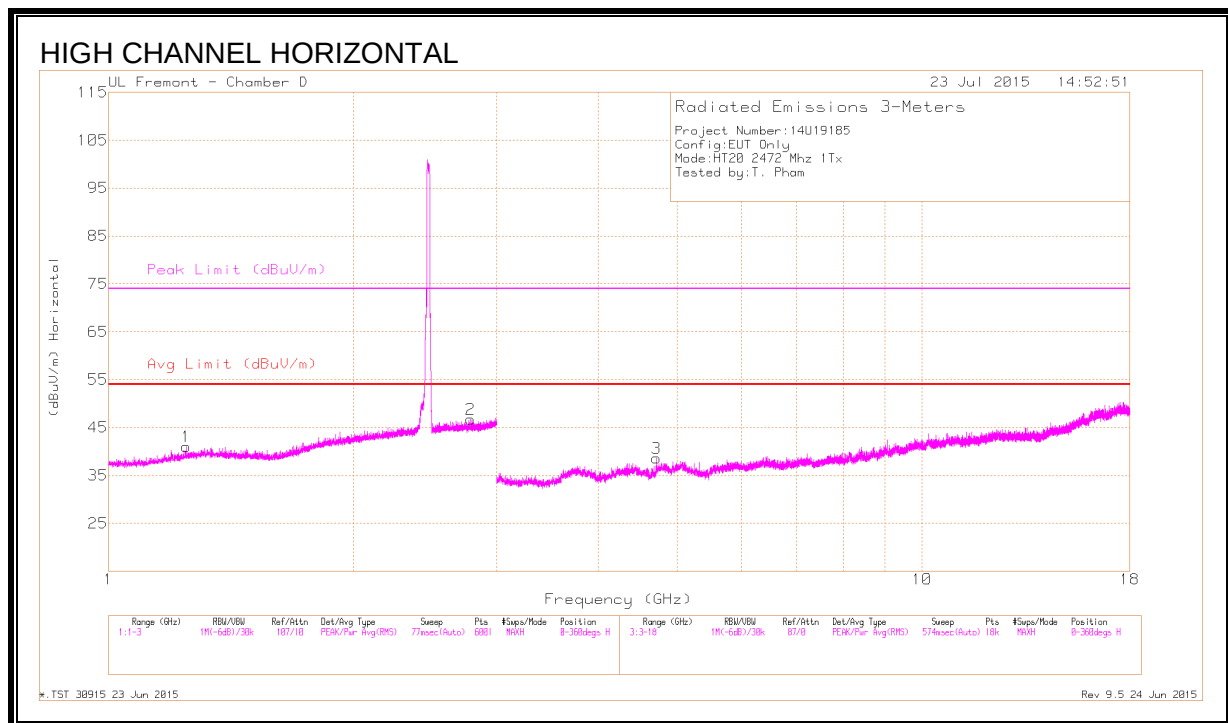
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.391	42.37	PK2	28.6	-22.1	48.87	-	-	74	-25.13	198	298	H
	* 1.389	30.52	MAv1	28.6	-22.1	37.02	54	-16.98	-	-	198	298	H
2	* 2.672	42.24	PK2	32.4	-20.6	54.04	-	-	74	-19.96	291	322	H
	* 2.672	30.38	MAv1	32.4	-20.6	42.18	54	-11.82	-	-	291	322	H
3	* 2.27	42.3	PK2	31.9	-20.9	53.3	-	-	74	-20.7	315	118	V
	* 2.272	30.31	MAv1	31.9	-20.9	41.31	54	-12.69	-	-	315	118	V
4	* 4.285	38.43	PK2	33.6	-28.2	43.83	-	-	74	-30.17	158	185	V
	* 4.284	27.09	MAv1	33.6	-28.2	32.49	54	-21.51	-	-	158	185	V
5	* 5.049	37.87	PK2	34.3	-26.7	45.47	-	-	74	-28.53	156	247	V
	* 5.05	26.5	MAv1	34.3	-26.7	34.1	54	-19.9	-	-	156	247	V
6	* 8.154	36.58	PK2	35.6	-23	49.18	-	-	74	-24.82	266	156	V
	* 8.153	24.18	MAv1	35.6	-23	36.78	54	-17.22	-	-	266	156	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	* 1.247	42.04	PK2	28.5	-22.4	48.14	-	-	74	-25.86	274	161	H
	* 1.243	30.41	MAv1	28.5	-22.4	36.51	54	-17.49	-	-	274	161	H
2	* 2.784	41.64	PK2	32.5	-20.4	53.74	-	-	74	-20.26	159	111	H
	* 2.783	30.07	MAv1	32.5	-20.4	42.17	54	-11.83	-	-	159	111	H
3	* 4.715	39.36	PK2	34.2	-27.2	46.36	-	-	74	-27.64	223	228	H
	* 4.715	27.4	MAv1	34.2	-27.2	34.4	54	-19.6	-	-	223	228	H
4	* 3.685	39.58	PK2	33.2	-29.1	43.68	-	-	74	-30.32	185	168	V
	* 3.686	27.99	MAv1	33.2	-29.1	32.09	54	-21.91	-	-	185	168	V
5	* 8.146	36.1	PK2	35.6	-23	48.7	-	-	74	-25.3	236	217	V
	* 8.145	24.31	MAv1	35.6	-23	36.91	54	-17.09	-	-	236	217	V
6	* 12.359	35.26	PK2	39	-21.3	52.96	-	-	74	-21.04	25	286	V
	* 12.359	23.69	MAv1	39	-21.3	41.39	54	-12.61	-	-	25	286	V

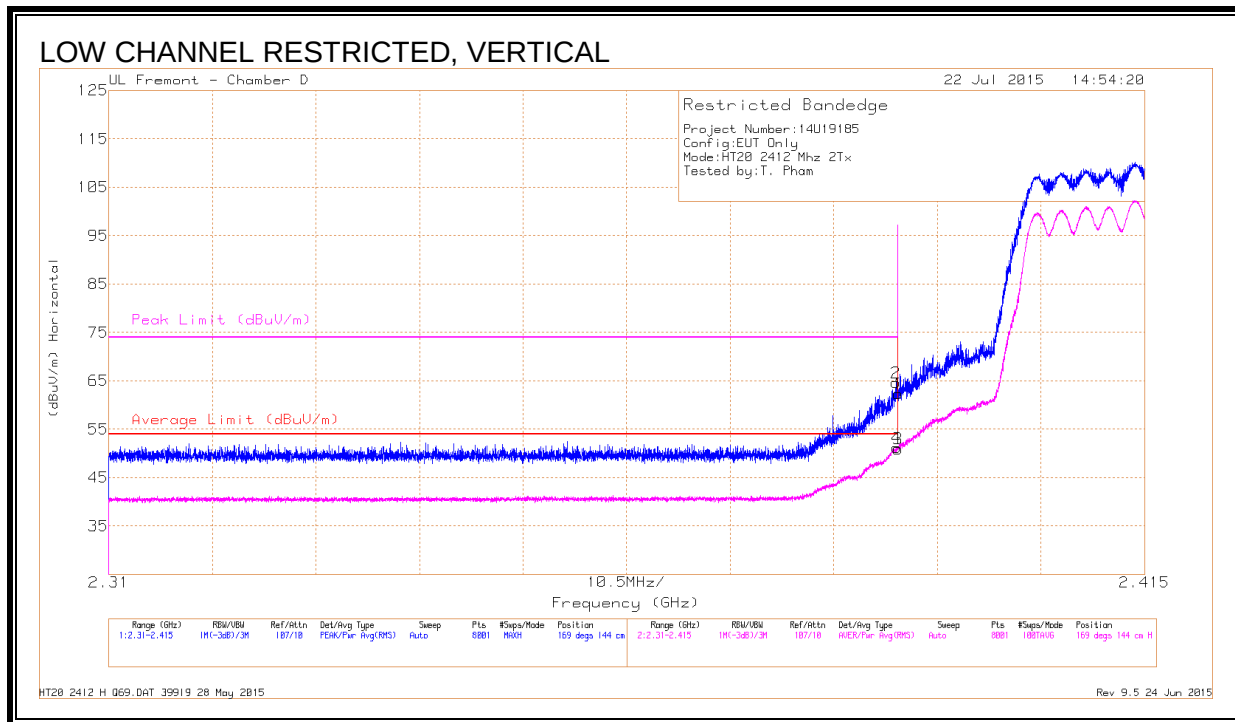
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

802.11n HT20 2TX MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL, CH 1)



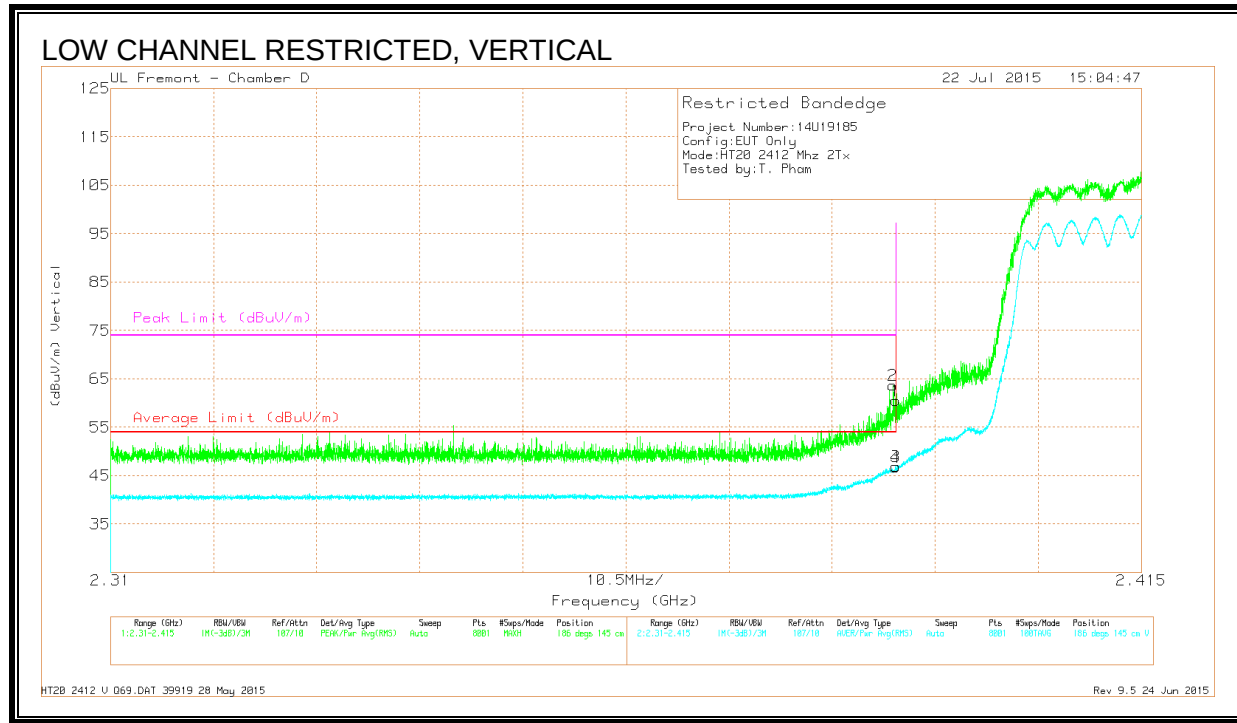
DATA

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	50.94	Pk	32.1	-20.7	62.34	-	-	74	-11.66	169	144	H
2	* 2.39	53.24	Pk	32.1	-20.7	64.64	-	-	74	-9.36	169	144	H
3	* 2.39	39.56	RMS	32.1	-20.7	50.96	54	-3.04	-	-	169	144	H
4	* 2.39	39.81	RMS	32.1	-20.7	51.21	54	-2.79	-	-	169	144	H

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

Pk - Peak detector

RMS - RMS detection



DATA

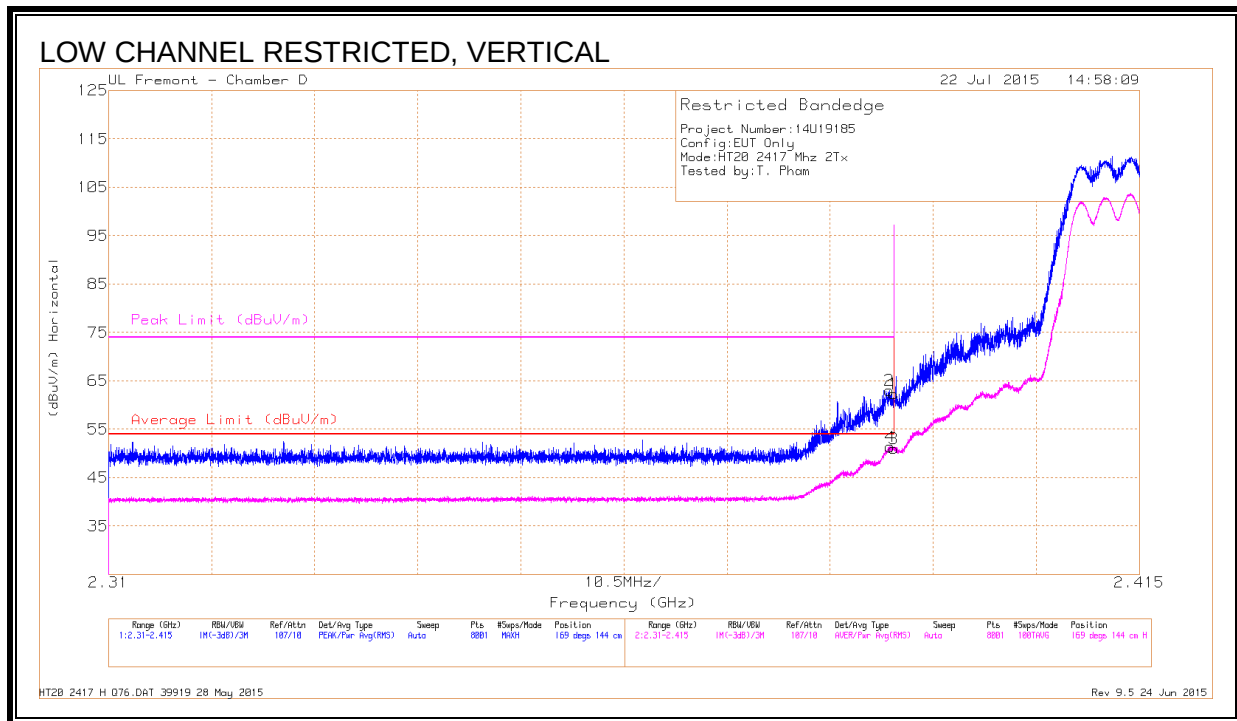
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	49.13	Pk	32.1	-20.7	60.53	-	-	74	-13.47	186	145	V
2	* 2.39	52.24	Pk	32.1	-20.7	63.64	-	-	74	-10.36	186	145	V
3	* 2.39	35.53	RMS	32.1	-20.7	46.93	54	-7.07	-	-	186	145	V
4	* 2.39	35.41	RMS	32.1	-20.7	46.81	54	-7.19	-	-	186	145	V

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

Pk - Peak detector

RMS - RMS detection

RESTRICTED BANDEDGE (LOW CHANNEL, CH 2)



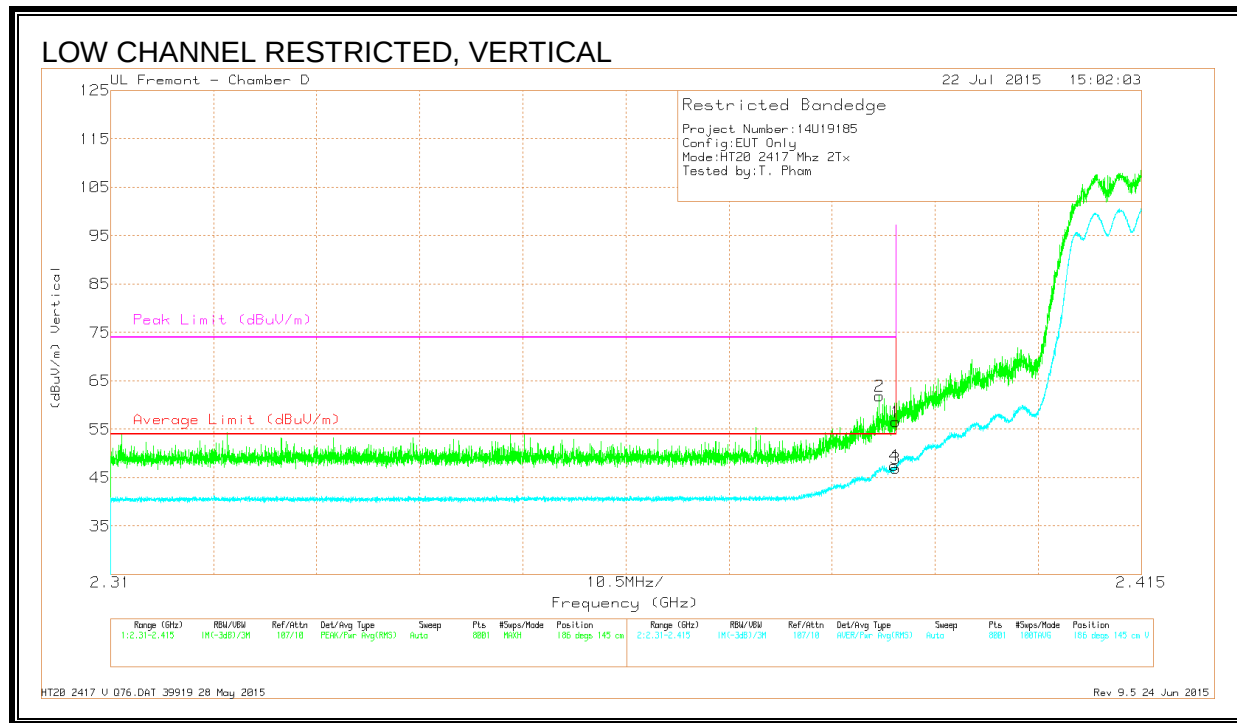
DATA

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	50.86	Pk	32.1	-20.7	62.26	-	-	74	-11.74	169	144	H
2	* 2.39	51.62	Pk	32.1	-20.7	63.02	-	-	74	-10.98	169	144	H
3	* 2.39	39.59	RMS	32.1	-20.7	50.99	54	-3.01	-	-	169	144	H
4	* 2.39	40.01	RMS	32.1	-20.7	51.41	54	-2.59	-	-	169	144	H

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

Pk - Peak detector

RMS - RMS detection



DATA

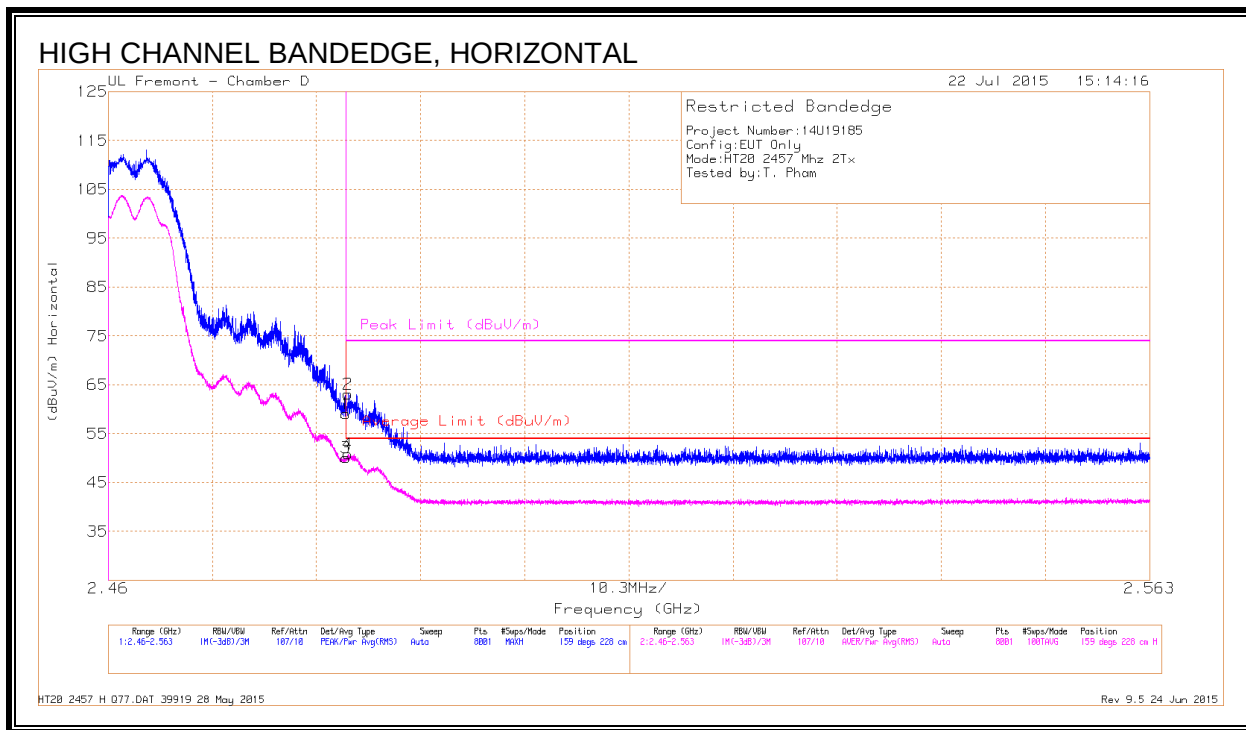
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.388	50.6	Pk	32.1	-20.8	61.9	-	-	74	-12.1	186	145	V
1	* 2.39	45.15	Pk	32.1	-20.7	56.55	-	-	74	-17.45	186	145	V
3	* 2.39	35.53	RMS	32.1	-20.7	46.93	54	-7.07	-	-	186	145	V
4	* 2.39	36.07	RMS	32.1	-20.7	47.47	54	-6.53	-	-	186	145	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 10)



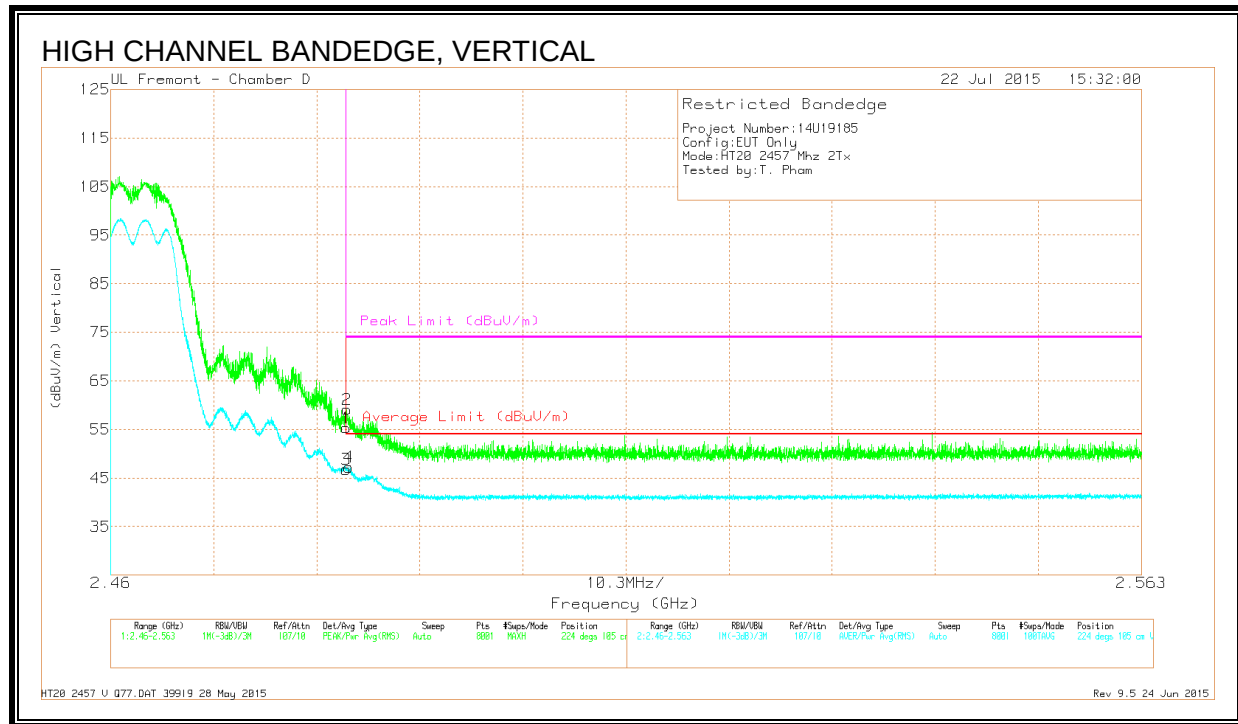
DATA

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	47.7	Pk	32.2	-20.8	59.1	-	-	74	-14.9	159	228	H
2	* 2.484	51.72	Pk	32.2	-20.8	63.12	-	-	74	-10.88	159	228	H
3	* 2.484	38.69	RMS	32.2	-20.8	50.09	54	-3.91	-	-	159	228	H
4	* 2.484	39.42	RMS	32.2	-20.8	50.82	54	-3.18	-	-	159	228	H

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

Pk - Peak detector

RMS - RMS detection



DATA

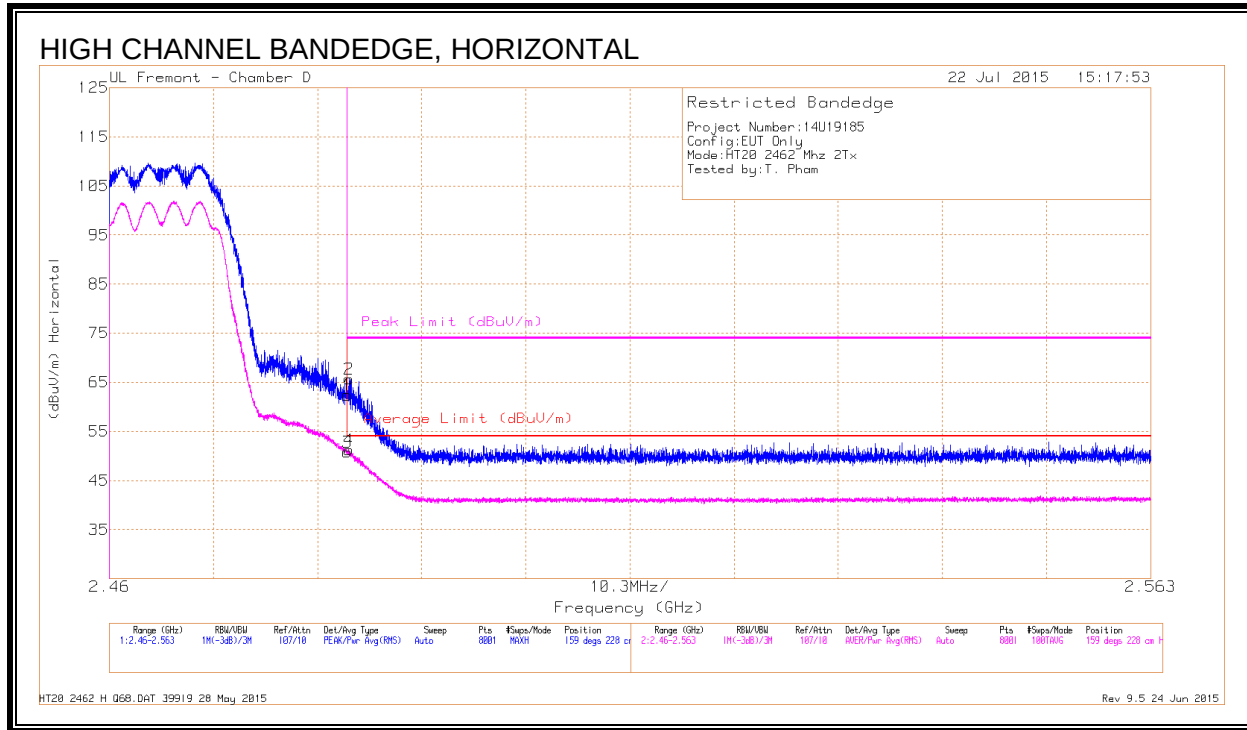
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.93	Pk	32.2	-20.8	55.33	-	-	74	-18.67	224	105	V
2	* 2.484	47.73	Pk	32.2	-20.8	59.13	-	-	74	-14.87	224	105	V
3	* 2.484	35.37	RMS	32.2	-20.8	46.77	54	-7.23	-	-	224	105	V
4	* 2.484	35.83	RMS	32.2	-20.8	47.23	54	-6.77	-	-	224	105	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 11)



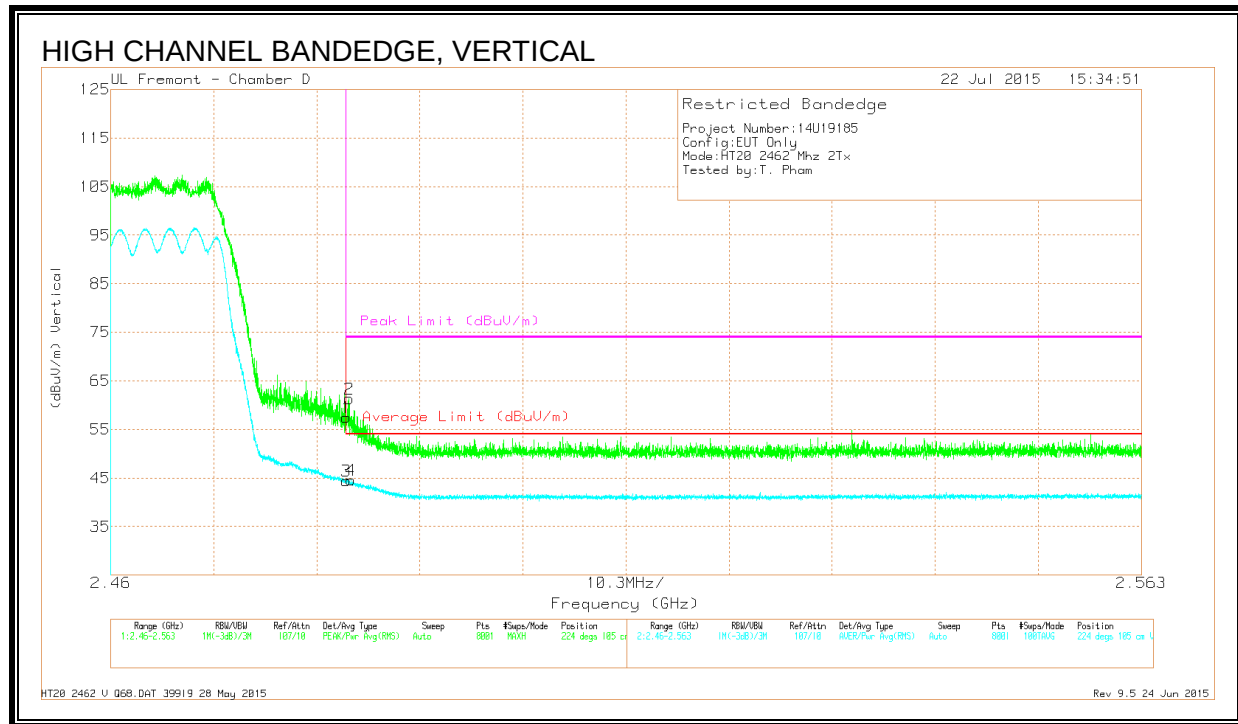
DATA

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	51	Pk	32.2	-20.8	62.4	-	-	74	-11.6	159	228	H
2	* 2.484	54.3	Pk	32.2	-20.8	65.7	-	-	74	-8.3	159	228	H
3	* 2.484	39.39	RMS	32.2	-20.8	50.79	54	-3.21	-	-	159	228	H
4	* 2.484	39.84	RMS	32.2	-20.8	51.24	54	-2.76	-	-	159	228	H

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

Pk - Peak detector

RMS - RMS detection



DATA

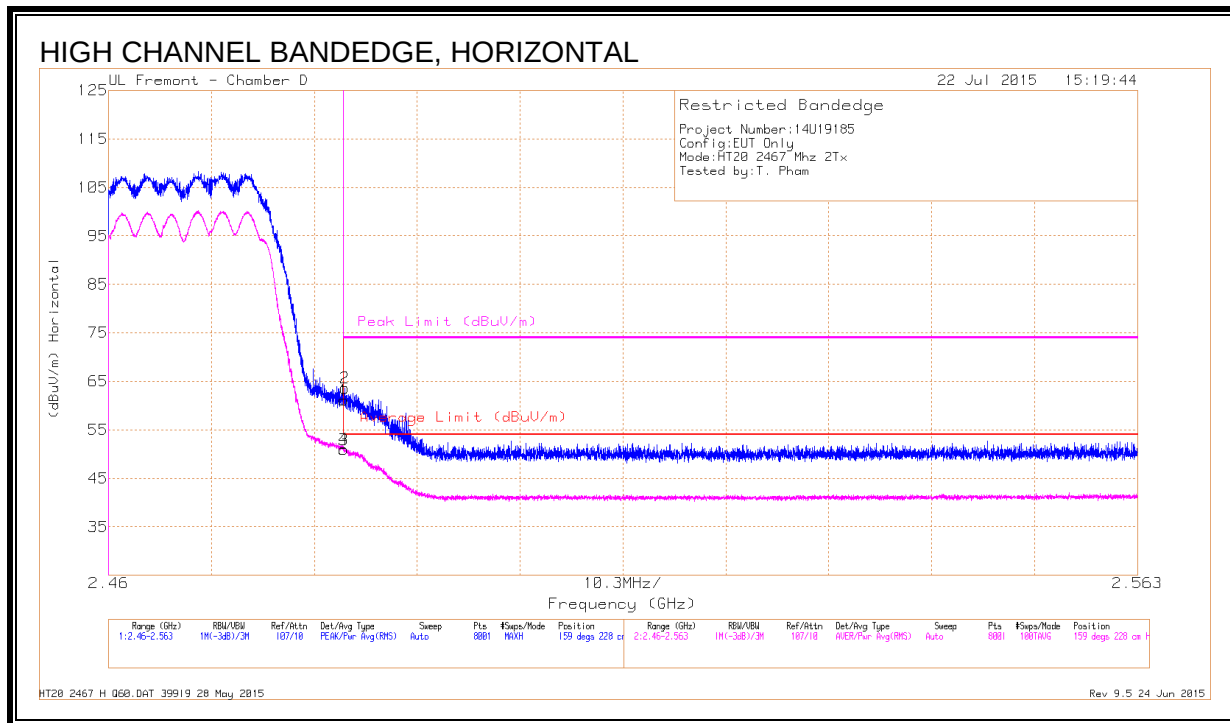
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.07	Pk	32.2	-20.8	57.47	-	-	74	-16.53	224	105	V
2	* 2.484	49.92	Pk	32.2	-20.8	61.32	-	-	74	-12.68	224	105	V
3	* 2.484	33.03	RMS	32.2	-20.8	44.43	54	-9.57	-	-	224	105	V
4	* 2.484	33.19	RMS	32.2	-20.8	44.59	54	-9.41	-	-	224	105	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 12)



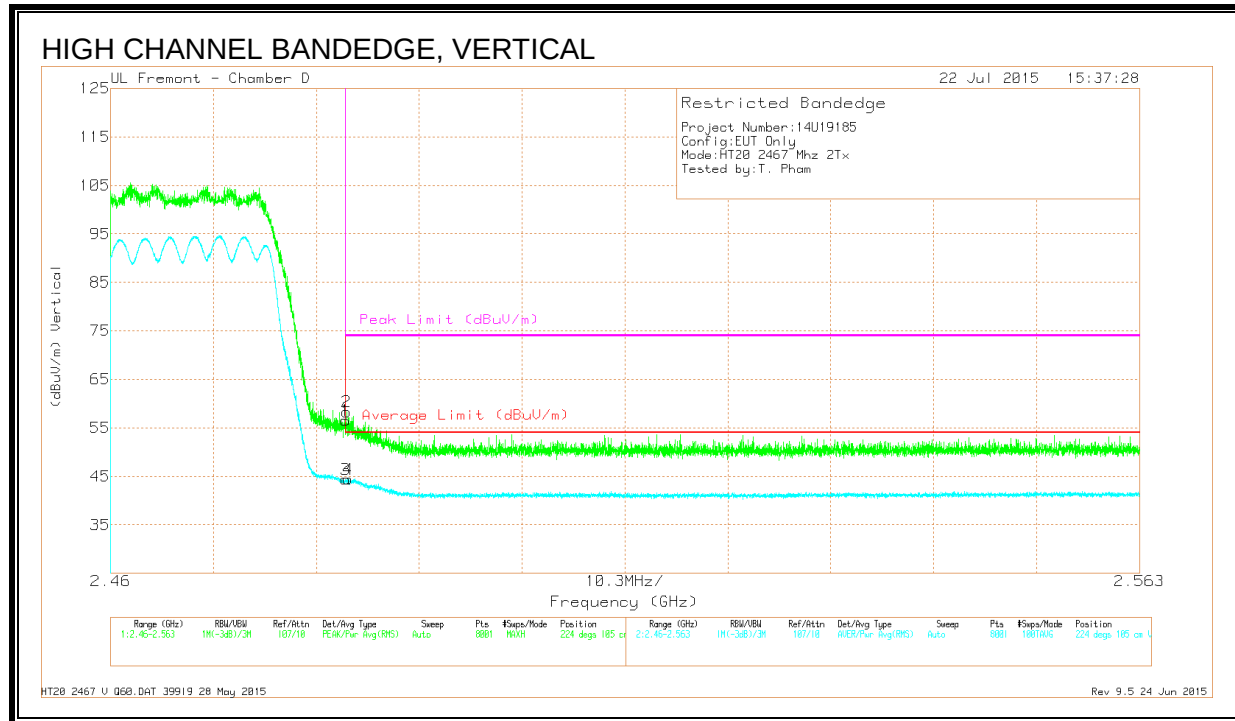
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ 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	49.74	Pk	32.2	-20.8	61.14	-	-	74	-12.86	159	228	H
2	* 2.484	52.23	Pk	32.2	-20.8	63.63	-	-	74	-10.37	159	228	H
3	* 2.484	39.54	RMS	32.2	-20.8	50.94	54	-3.06	-	-	159	228	H
4	* 2.484	39.62	RMS	32.2	-20.8	51.02	54	-2.98	-	-	159	228	H

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

Pk - Peak detector

RMS - RMS detection



DATA

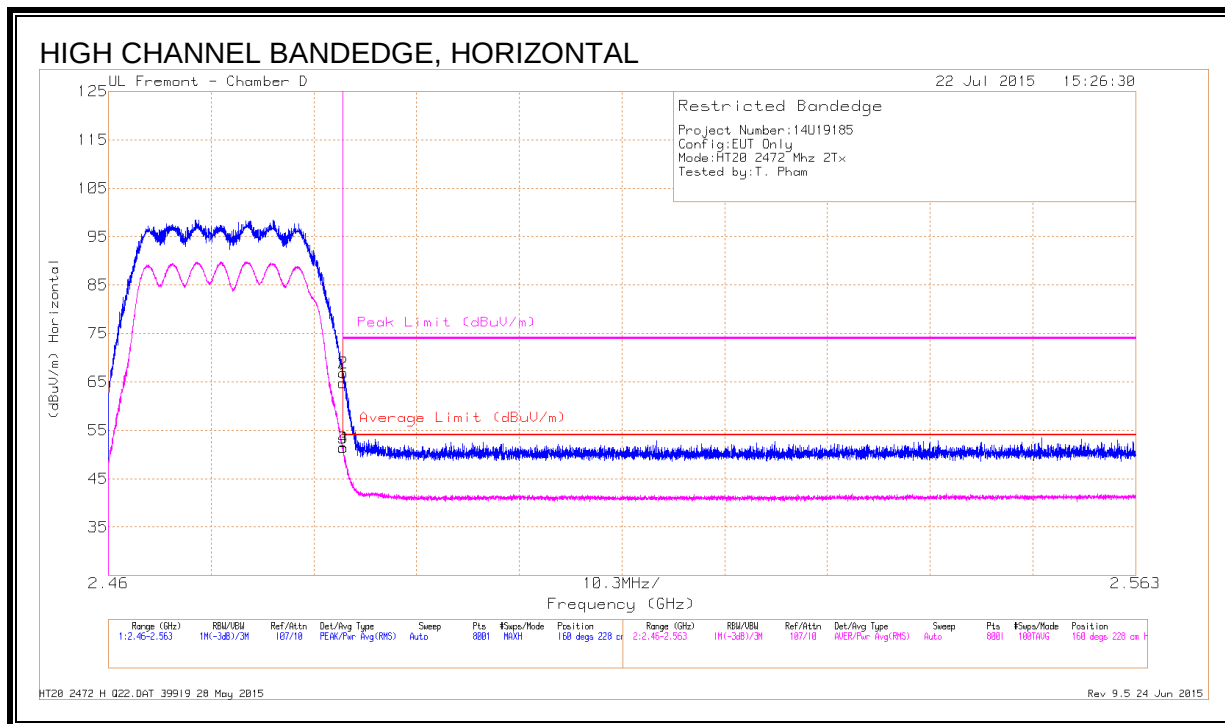
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.1	Pk	32.2	-20.8	56.5	-	-	74	-17.5	224	105	V
2	* 2.484	46.92	Pk	32.2	-20.8	58.32	-	-	74	-15.68	224	105	V
3	* 2.484	32.97	RMS	32.2	-20.8	44.37	54	-9.63	-	-	224	105	V
4	* 2.484	33.04	RMS	32.2	-20.8	44.44	54	-9.56	-	-	224	105	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 13)



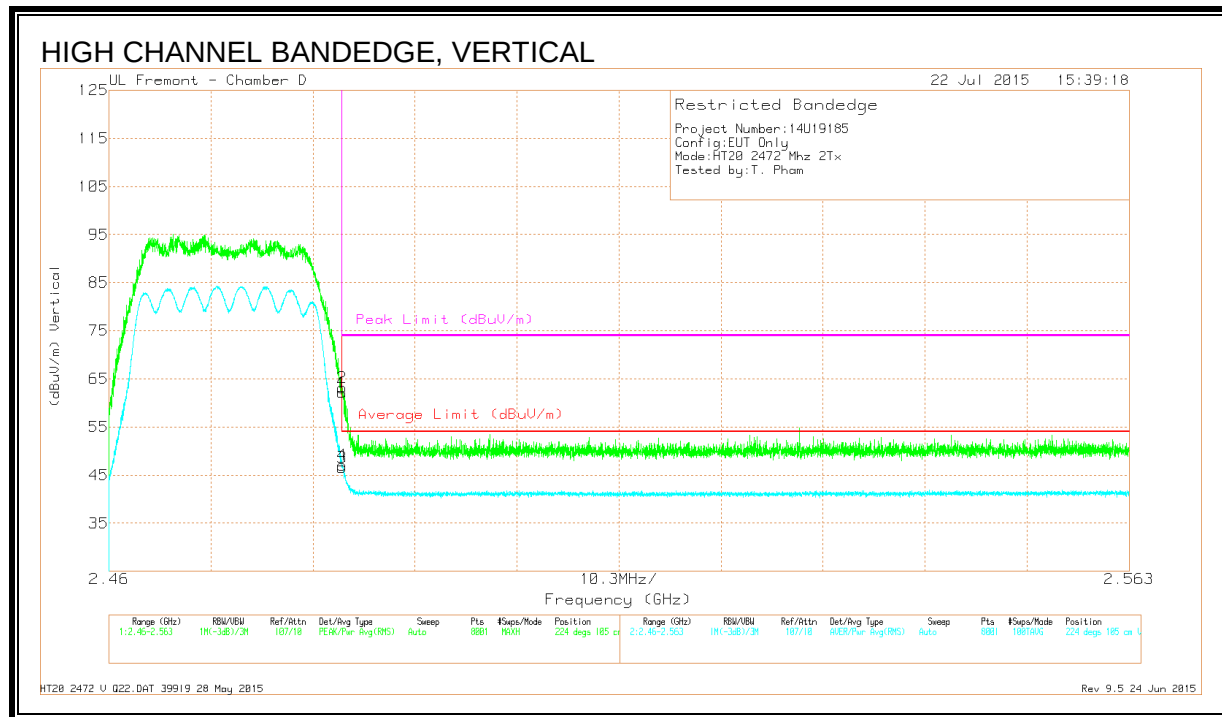
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	53.36	Pk	32.2	-20.8	64.76	-	-	74	-9.24	160	228	H
2	* 2.484	55.46	Pk	32.2	-20.8	66.86	-	-	74	-7.14	160	228	H
3	* 2.484	39.96	RMS	32.2	-20.8	51.36	54	-2.64	-	-	160	228	H
4	* 2.484	40.05	RMS	32.2	-20.8	51.45	54	-2.55	-	-	160	228	H

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

Pk - Peak detector

RMS - RMS detection



DATA

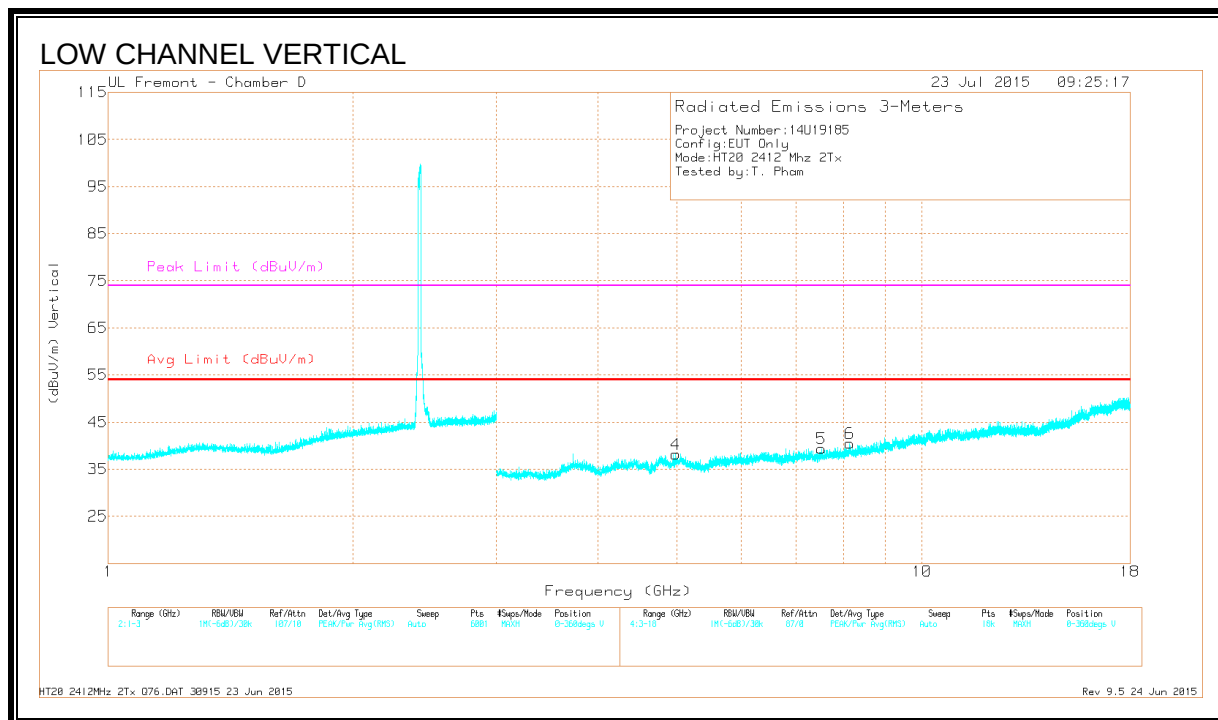
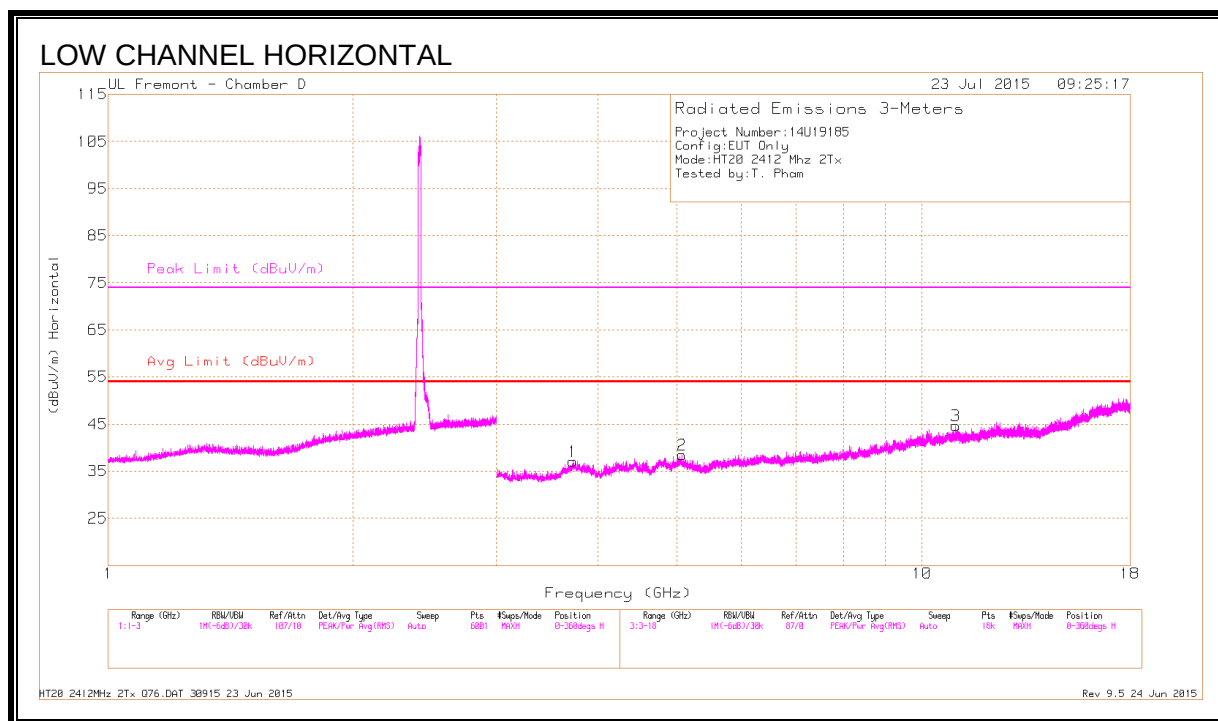
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.75	Pk	32.2	-20.8	62.15	-	-	74	-11.85	224	105	V
2	* 2.484	51.78	Pk	32.2	-20.8	63.18	-	-	74	-10.82	224	105	V
3	* 2.484	35.2	RMS	32.2	-20.8	46.6	54	-7.4	-	-	224	105	V
4	* 2.484	35.67	RMS	32.2	-20.8	47.07	54	-6.93	-	-	224	105	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

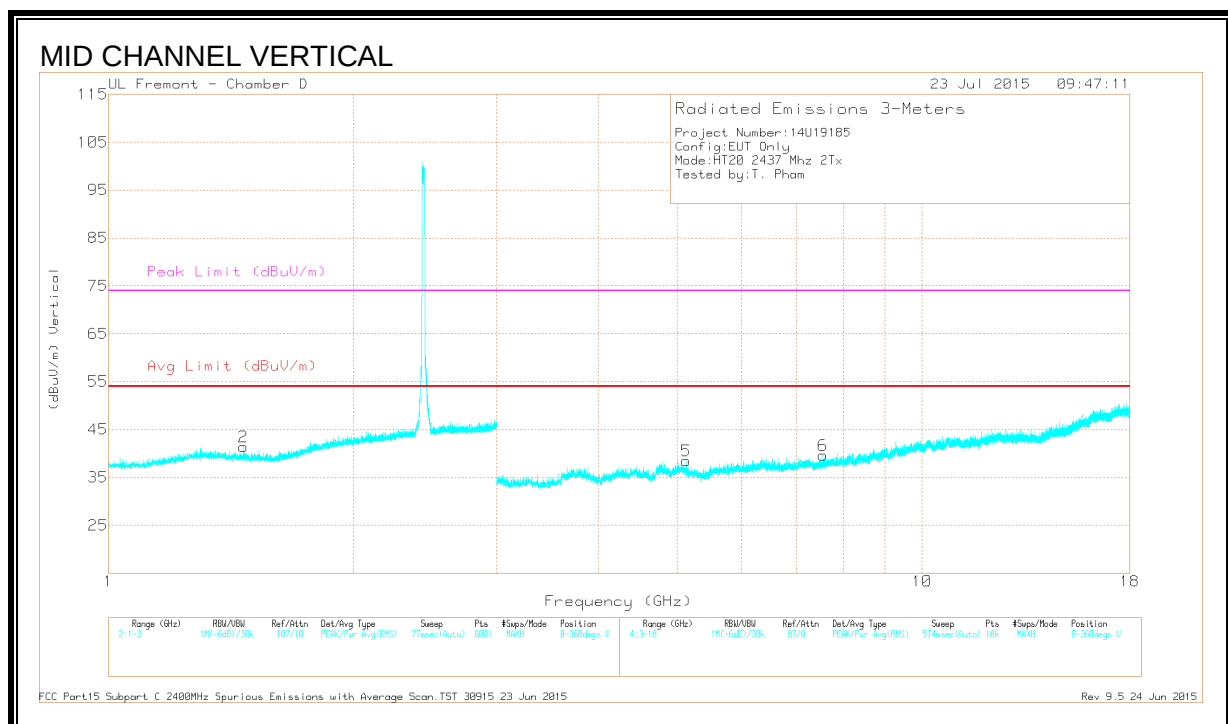
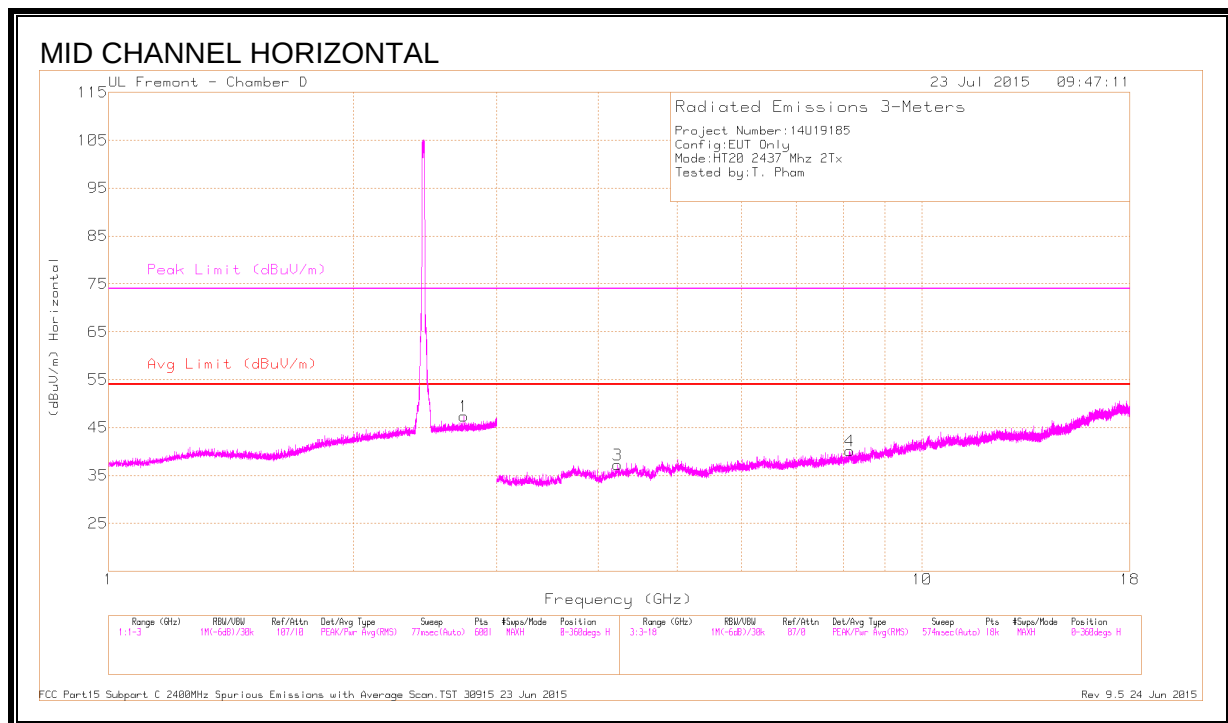
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.724	39.57	PK2	33.2	-28.7	44.07	-	-	74	-29.93	57	224	H
	* 3.724	27.76	MAv1	33.2	-28.7	32.26	54	-21.74	-	-	57	224	H
2	* 5.071	37.95	PK2	34.2	-26.7	45.45	-	-	74	-28.55	160	125	H
	* 5.072	26.63	MAv1	34.2	-26.8	34.03	54	-19.97	-	-	160	125	H
3	* 10.996	34.39	PK2	38.1	-21.2	51.29	-	-	74	-22.71	195	327	H
	* 10.997	22.98	MAv1	38.1	-21.2	39.88	54	-14.12	-	-	195	327	H
4	* 4.979	38.16	PK2	34.2	-27.5	44.86	-	-	74	-29.14	256	143	V
	* 4.979	26.59	MAv1	34.2	-27.5	33.29	54	-20.71	-	-	256	143	V
5	* 7.522	36.54	PK2	35.5	-24.9	47.14	-	-	74	-26.86	271	245	V
	* 7.523	24.7	MAv1	35.5	-24.9	35.3	54	-18.7	-	-	271	245	V
6	* 8.146	35.78	PK2	35.6	-23	48.38	-	-	74	-25.62	56	152	V
	* 8.146	24.05	MAv1	35.6	-23	36.65	54	-17.35	-	-	56	152	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

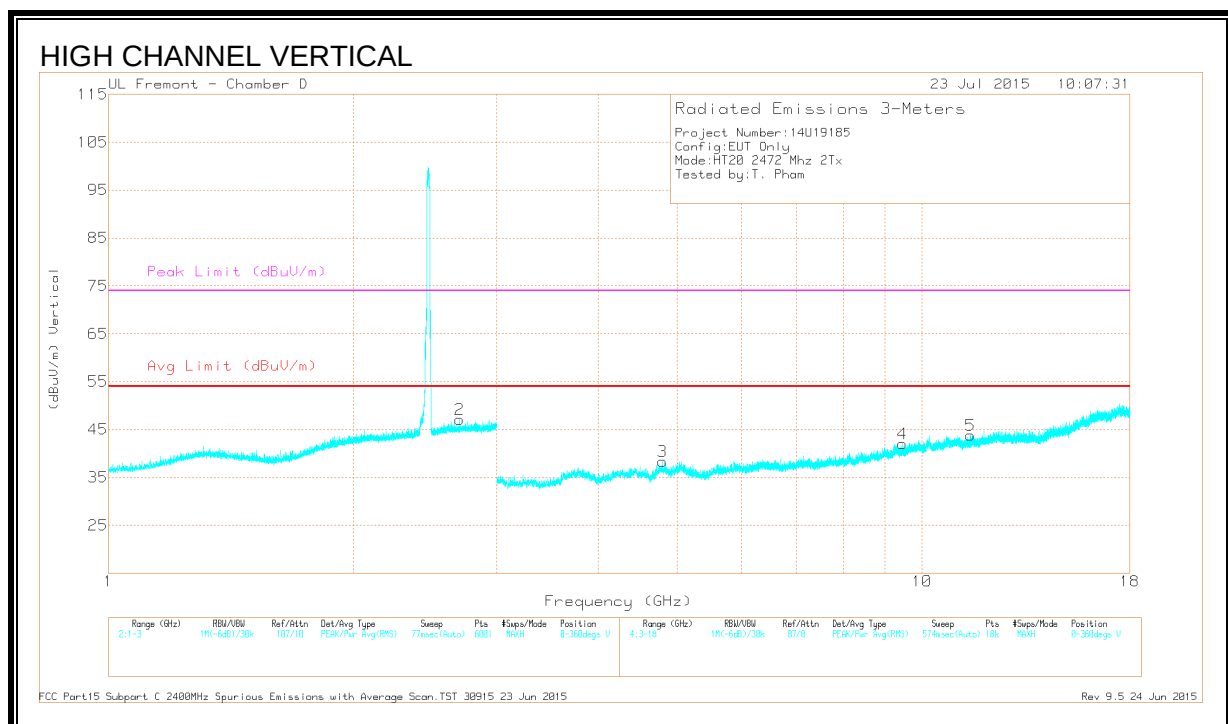
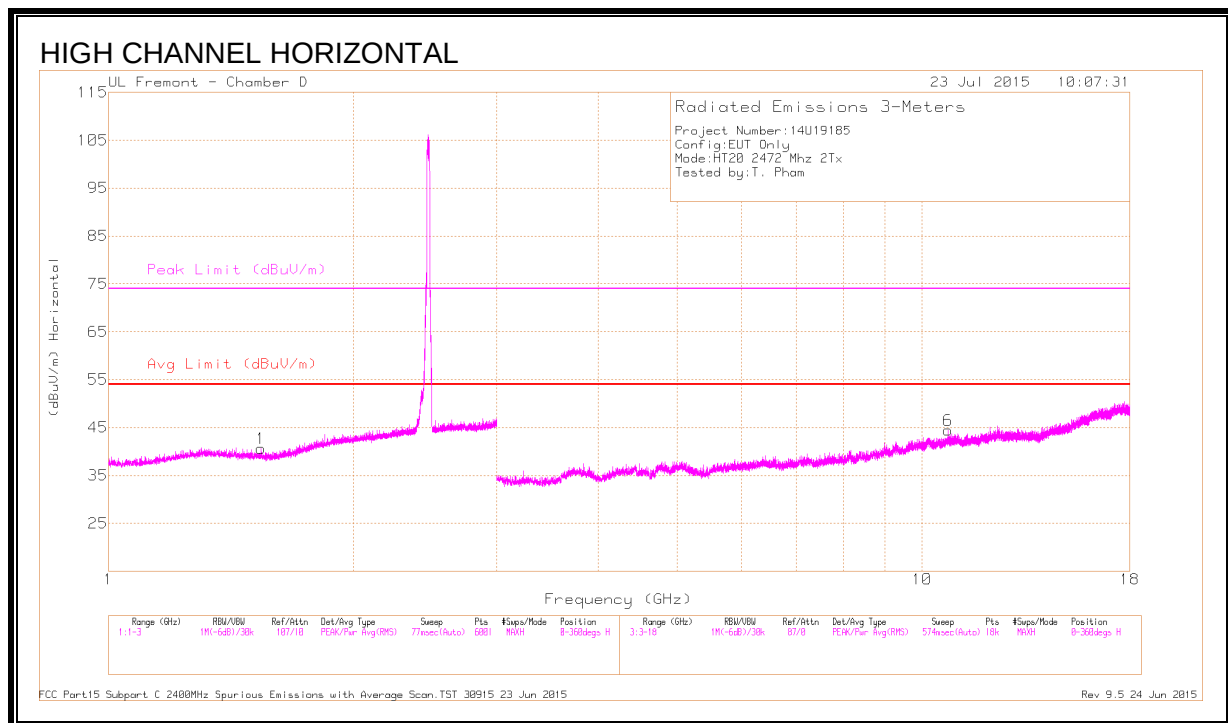
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.731	42.59	PK2	32.5	-20.5	54.59	-	-	74	-19.41	32	151	H
	* 2.733	30.31	MAv1	32.5	-20.5	42.31	54	-11.68	-	-	32	151	H
2	* 1.464	41.63	PK2	28.4	-22	48.03	-	-	74	-25.97	55	261	V
	* 1.466	30.26	MAv1	28.4	-22	36.66	54	-17.34	-	-	55	261	V
3	* 4.227	37.91	PK2	33.5	-27.5	43.91	-	-	74	-30.09	51	321	H
	* 4.226	26.61	MAv1	33.5	-27.5	32.61	54	-21.39	-	-	51	321	H
4	* 8.148	35.76	PK2	35.6	-22.9	48.46	-	-	74	-25.54	205	281	H
	* 8.149	24.07	MAv1	35.6	-22.9	36.77	54	-17.23	-	-	205	281	H
5	* 5.132	38.56	PK2	34.3	-27.7	45.16	-	-	74	-28.84	100	181	V
	* 5.134	27.05	MAv1	34.3	-27.8	33.55	54	-20.45	-	-	100	181	V
6	* 7.559	36.74	PK2	35.5	-25.2	47.04	-	-	74	-26.96	93	251	V
	* 7.559	25	MAv1	35.5	-25.2	35.3	54	-18.7	-	-	93	251	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	* 1.54	42.46	PK2	28.1	-21.9	48.66	-	-	74	-25.34	33	232	H
	* 1.54	30.22	MAv1	28.1	-21.9	36.42	54	-17.58	-	-	33	232	H
2	* 2.703	41.87	PK2	32.5	-20.6	53.77	-	-	74	-20.23	218	351	V
	* 2.701	30.4	MAv1	32.5	-20.6	42.3	54	-11.7	-	-	218	351	V
6	* 10.753	34.91	PK2	37.9	-20.4	52.41	-	-	74	-21.59	115	266	H
	* 10.754	22.61	MAv1	37.9	-20.4	40.11	54	-13.89	-	-	115	266	H
3	* 4.796	37.93	PK2	34.1	-26.8	45.23	-	-	74	-28.77	321	222	V
	* 4.796	26.53	MAv1	34.1	-26.8	33.83	54	-20.17	-	-	321	222	V
4	* 9.456	34.17	PK2	36.5	-21.4	49.27	-	-	74	-24.73	285	186	V
	* 9.457	23.03	MAv1	36.5	-21.4	38.13	54	-15.87	-	-	285	186	V
5	* 11.462	34.83	PK2	38	-21.6	51.23	-	-	74	-22.77	26	274	V
	* 11.463	23.3	MAv1	38	-21.6	39.7	54	-14.3	-	-	26	274	V

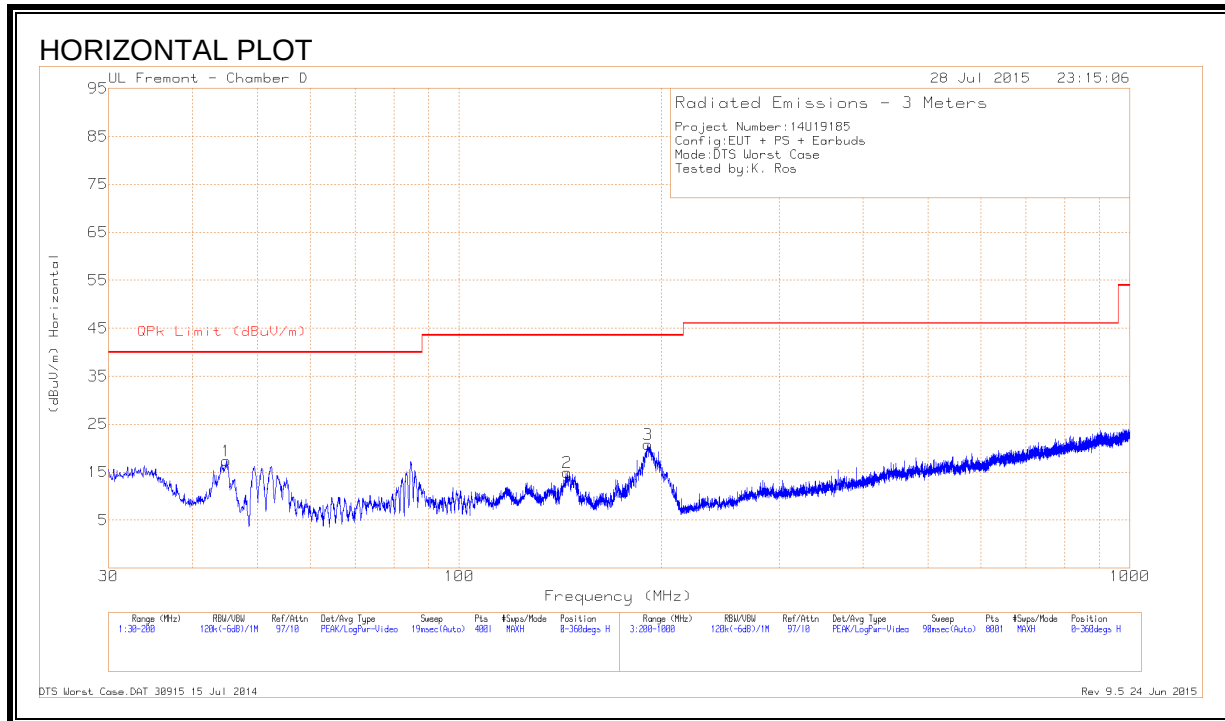
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

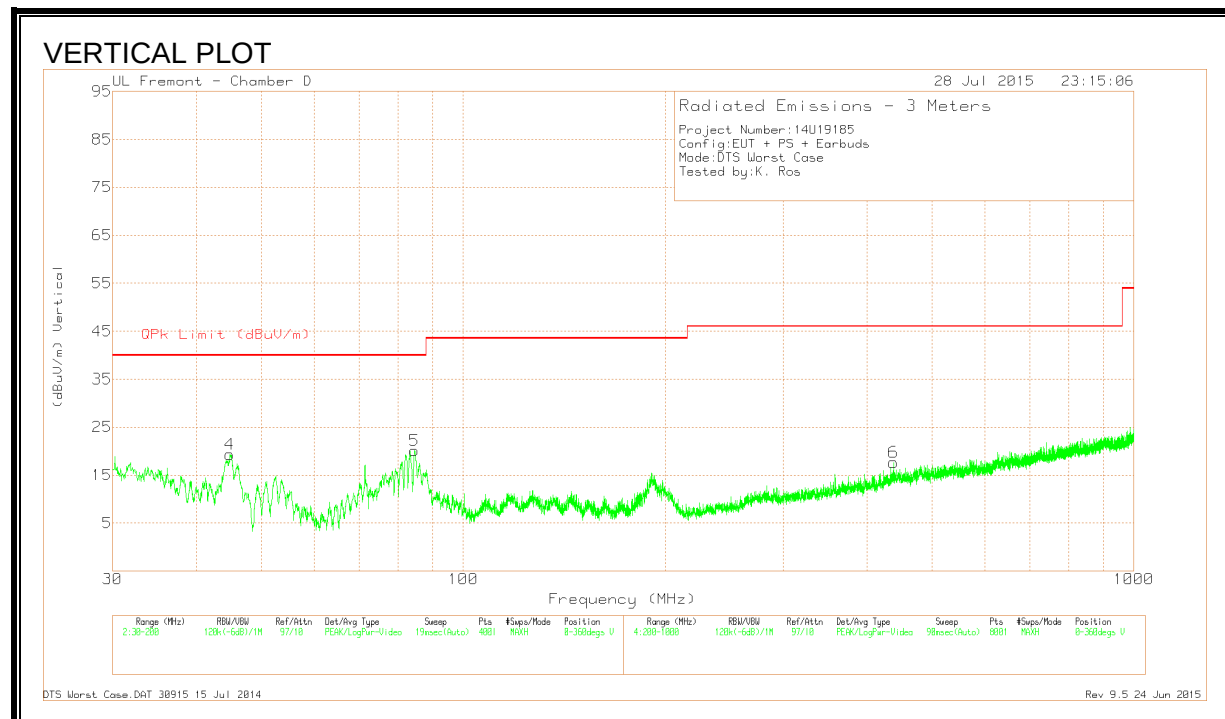
MAv1 - KDB558074 Option 1 Maximum RMS Average

9.3. 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)



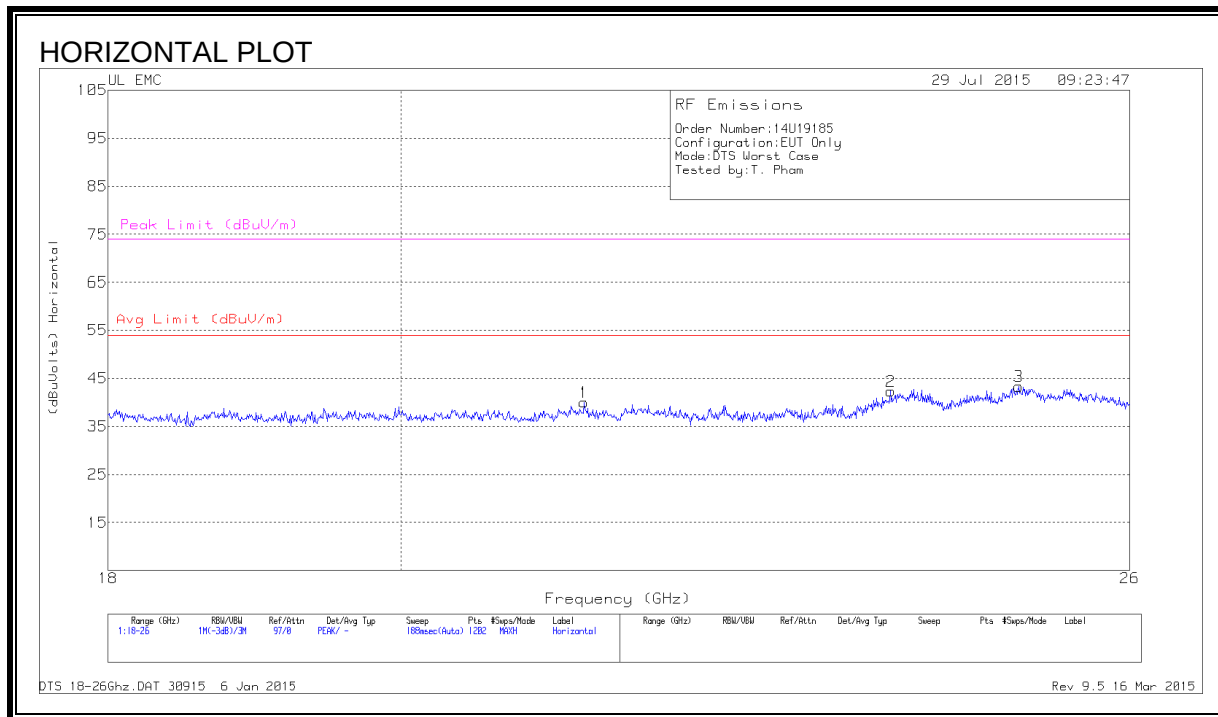
DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	44.875	40.22	Pk	10.9	-31.8	19.32	40	-20.68	0-360	100	V
1	44.9813	38.34	Pk	10.8	-31.8	17.34	40	-22.66	0-360	401	H
5	84.6125	44.17	Pk	7.4	-31.4	20.17	40	-19.83	0-360	100	V
2	144.9625	33.67	Pk	12.4	-31.1	14.97	43.52	-28.55	0-360	201	H
3	191.1388	40.26	Pk	11.3	-30.8	20.76	43.52	-22.76	0-360	201	H
6	438.1	30.97	Pk	16.6	-29.9	17.67	46.02	-28.35	0-360	301	V

Pk - Peak detector

9.4. WORST-CASE ABOVE 18 GHz

SPURIOUS EMISSIONS TO 18 26 GHz (WORST-CASE CONFIGURATION, HORIZONTAL)



SPURIOUS EMISSIONS 18 TO 26 GHz (WORST-CASE CONFIGURATION, 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	21.364	41.8	Pk	33.1	-25.4	-9.5	40	54	-14	74	-34
2	23.855	42.33	Pk	33.6	-24.1	-9.5	42.33	54	-11.67	74	-31.67
3	24.981	42.83	Pk	34.2	-24.2	-9.5	43.33	54	-10.67	74	-30.67
4	22.45	40.63	Pk	33.3	-24.6	-9.5	39.83	54	-14.17	74	-34.17
5	24.035	43.17	Pk	33.3	-24.3	-9.5	42.67	54	-11.33	74	-31.33
6	25.041	43.1	Pk	34.1	-24.7	-9.5	43	54	-11	74	-31

Pk - Peak detector

10. 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.

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

6 WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz

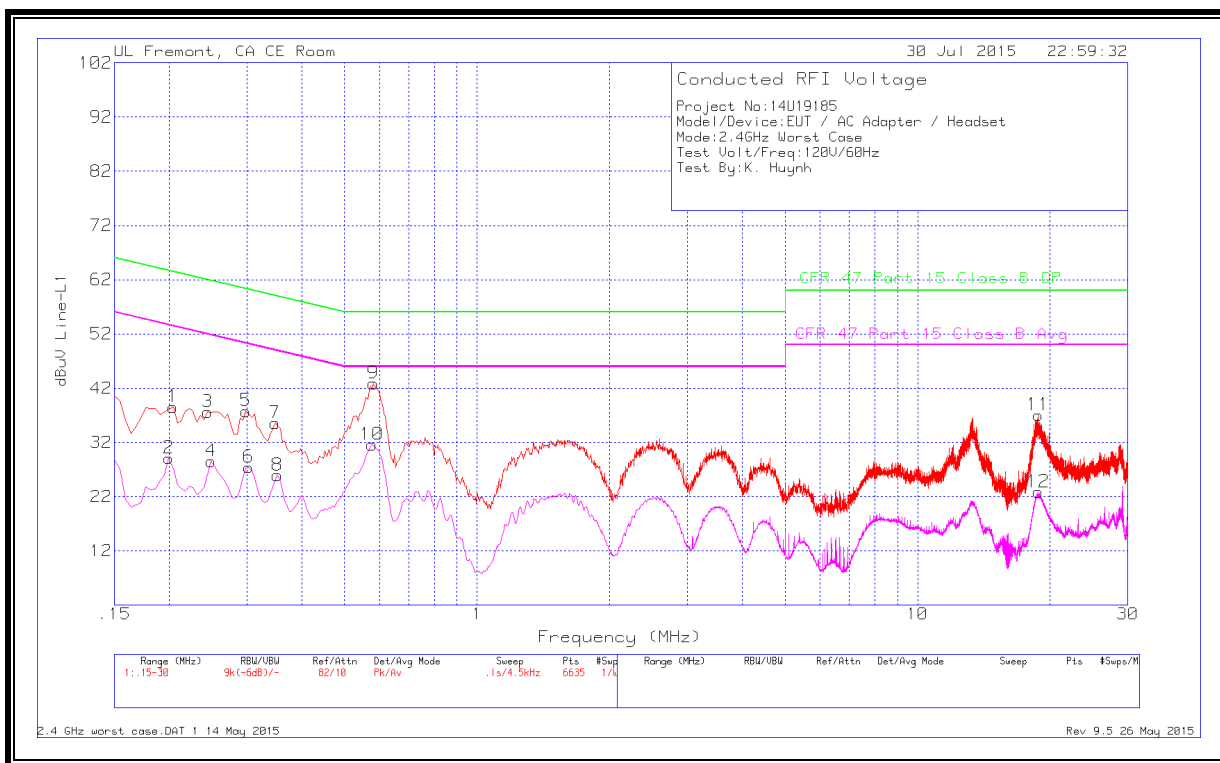
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.204	37.64	Pk	.9	0	38.54	63.45	-24.91	-	-
2	.1995	28.2	Av	.9	0	29.1	-	-	53.63	-24.53
3	.2445	36.91	Pk	.7	0	37.61	61.94	-24.33	-	-
4	.249	27.84	Av	.7	0	28.54	-	-	51.79	-23.25
5	.2985	37.18	Pk	.6	0	37.78	60.28	-22.5	-	-
6	.303	26.93	Av	.5	0	27.43	-	-	50.16	-22.73
7	.348	35.09	Pk	.5	0	35.59	59.01	-23.42	-	-
8	.3525	25.41	Av	.5	0	25.91	-	-	48.9	-22.99
9	.582	42.56	Pk	.3	0	42.86	56	-13.14	-	-
10	.5775	31.28	Av	.3	0	31.58	-	-	46	-14.42
11	18.8025	36.53	Pk	.3	.2	37.03	60	-22.97	-	-
12	18.8025	22.34	Av	.3	.2	22.84	-	-	50	-27.16

Range 2: Line-L2 .15 - 30MHz

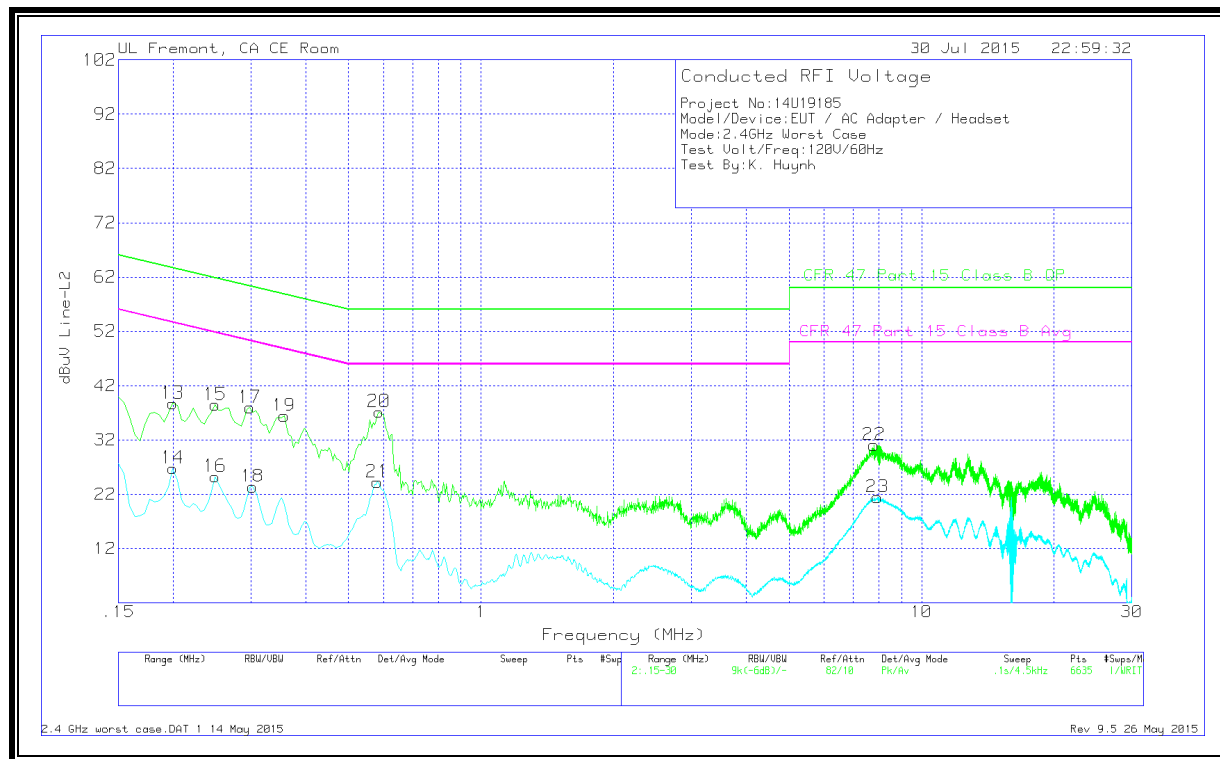
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.1995	37.71	Pk	1	0	38.71	63.63	-24.92	-	-
14	.1995	25.78	Av	1	0	26.78	-	-	53.63	-26.85
15	.249	37.76	Pk	.7	0	38.46	61.79	-23.33	-	-
16	.249	24.54	Av	.7	0	25.24	-	-	51.79	-26.55
17	.2985	37.36	Pk	.6	0	37.96	60.28	-22.32	-	-
18	.303	22.81	Av	.6	0	23.41	-	-	50.16	-26.75
19	.357	35.94	Pk	.5	0	36.44	58.8	-22.36	-	-
20	.5865	36.85	Pk	.3	0	37.15	56	-18.85	-	-
21	.582	23.94	Av	.3	0	24.24	-	-	46	-21.76
22	7.8045	30.79	Pk	.2	.1	31.09	60	-28.91	-	-
23	7.944	21.17	Av	.2	.1	21.47	-	-	50	-28.53

Pk - Peak detector
Av - Average detection

LINE 1 RESULTS



LINE 2 RESULTS



10.2. EUT POWERED BY HOST PC VIA USB CABLE

6 WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz

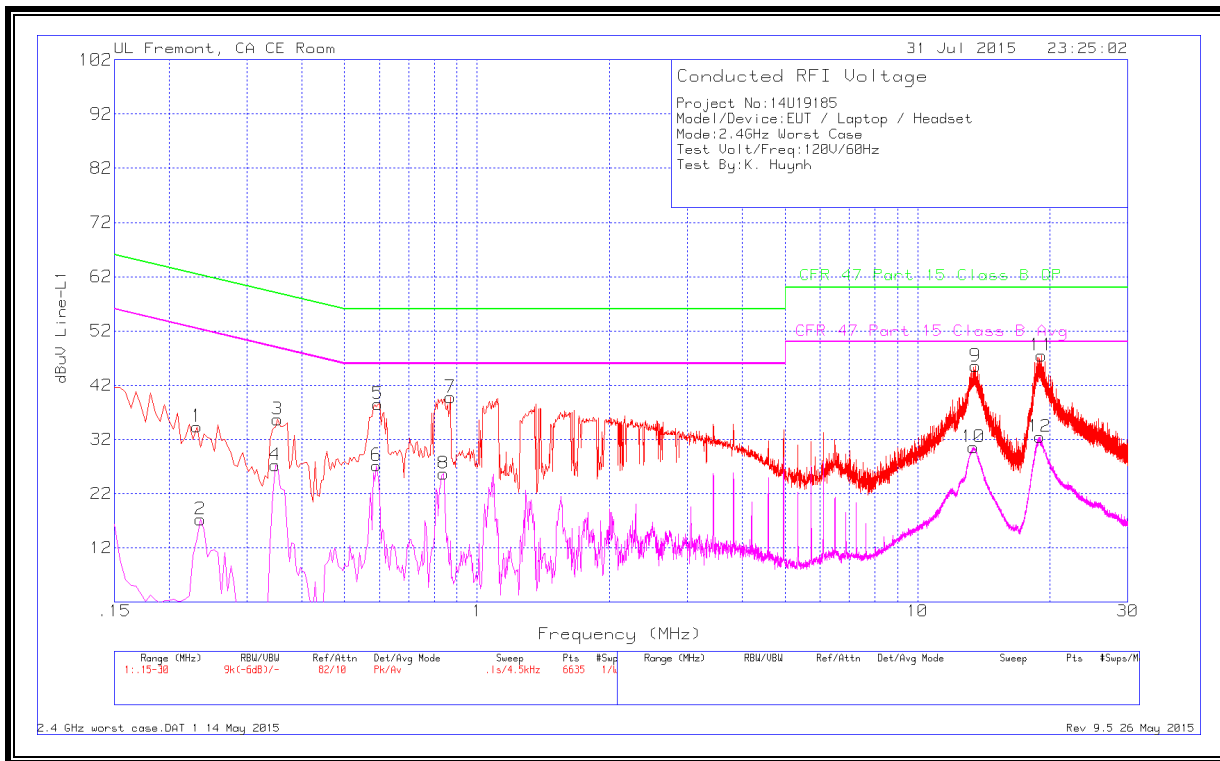
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.231	33.54	Pk	.8	0	34.34	62.41	-28.07	-	-
2	.2355	16.44	Av	.8	0	17.24	-	-	52.25	-35.01
3	.3525	35.18	Pk	.5	0	35.68	58.9	-23.22	-	-
4	.348	26.76	Av	.5	0	27.26	-	-	49.01	-21.75
5	.5955	38.23	Pk	.3	0	38.53	56	-17.47	-	-
6	.591	26.87	Av	.3	0	27.17	-	-	46	-18.83
7	.87	39.45	Pk	.3	0	39.75	56	-16.25	-	-
8	.8385	25.4	Av	.3	0	25.7	-	-	46	-20.3
9	13.524	45.11	Pk	.2	.2	45.51	60	-14.49	-	-
10	13.3935	30.15	Av	.2	.2	30.55	-	-	50	-19.45
11	19.1175	47	Pk	.3	.2	47.5	60	-12.5	-	-
12	18.9465	31.98	Av	.3	.2	32.48	-	-	50	-17.52

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)
13	.1545	48.54	Pk	1.4	0	49.94	65.75	-15.81	-	-
14	.1545	29.92	Av	1.4	0	31.32	-	-	55.75	-24.43
15	.384	35.72	Pk	.5	0	36.22	58.19	-21.97	-	-
16	.384	21.53	Av	.5	0	22.03	-	-	48.19	-26.16
17	.6315	36.35	Pk	.3	0	36.65	56	-19.35	-	-
18	.618	24	Av	.3	0	24.3	-	-	46	-21.7
19	.897	36.38	Pk	.3	0	36.68	56	-19.32	-	-
20	.8835	22.58	Av	.3	0	22.88	-	-	46	-23.12
21	13.29	51.03	Pk	.2	.2	51.43	60	-8.57	-	-
22	13.2315	35.55	Av	.2	.2	35.95	-	-	50	-14.05
23	18.654	49.37	Pk	.3	.2	49.87	60	-10.13	-	-
24	18.7305	33.53	Av	.3	.2	34.03	-	-	50	-15.97

Pk - Peak detector
Av - Average detection

LINE 1 RESULTS



LINE 2 RESULTS

