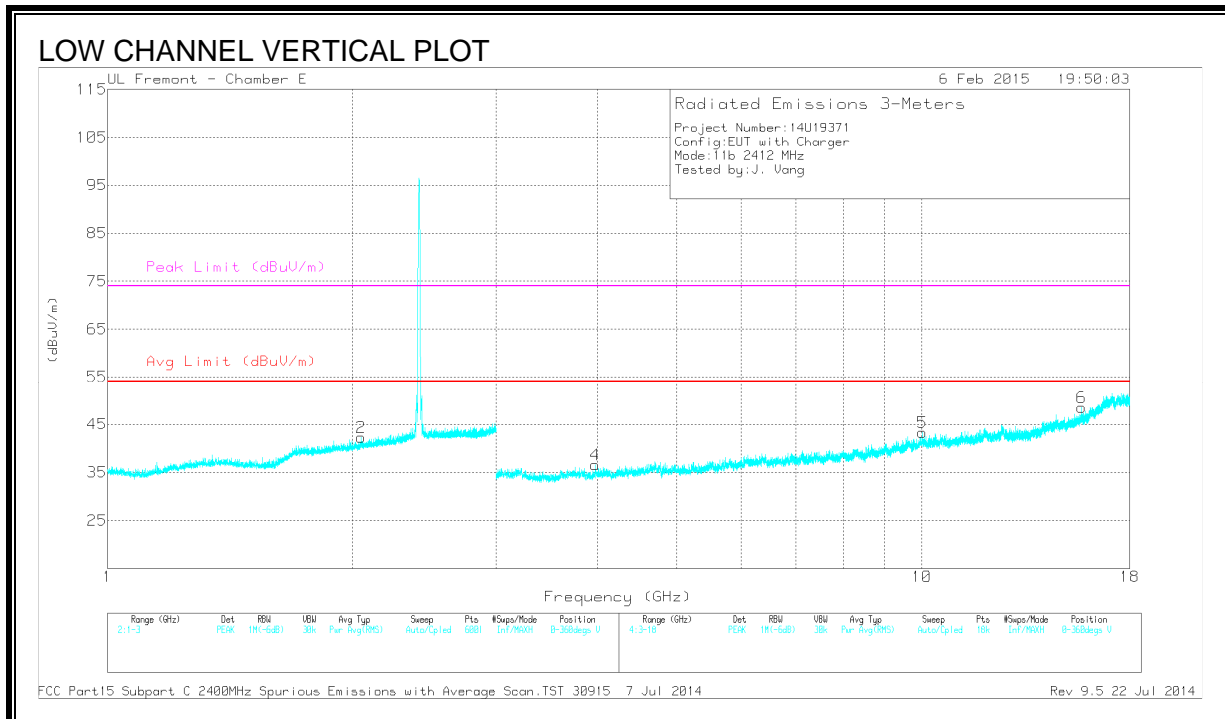
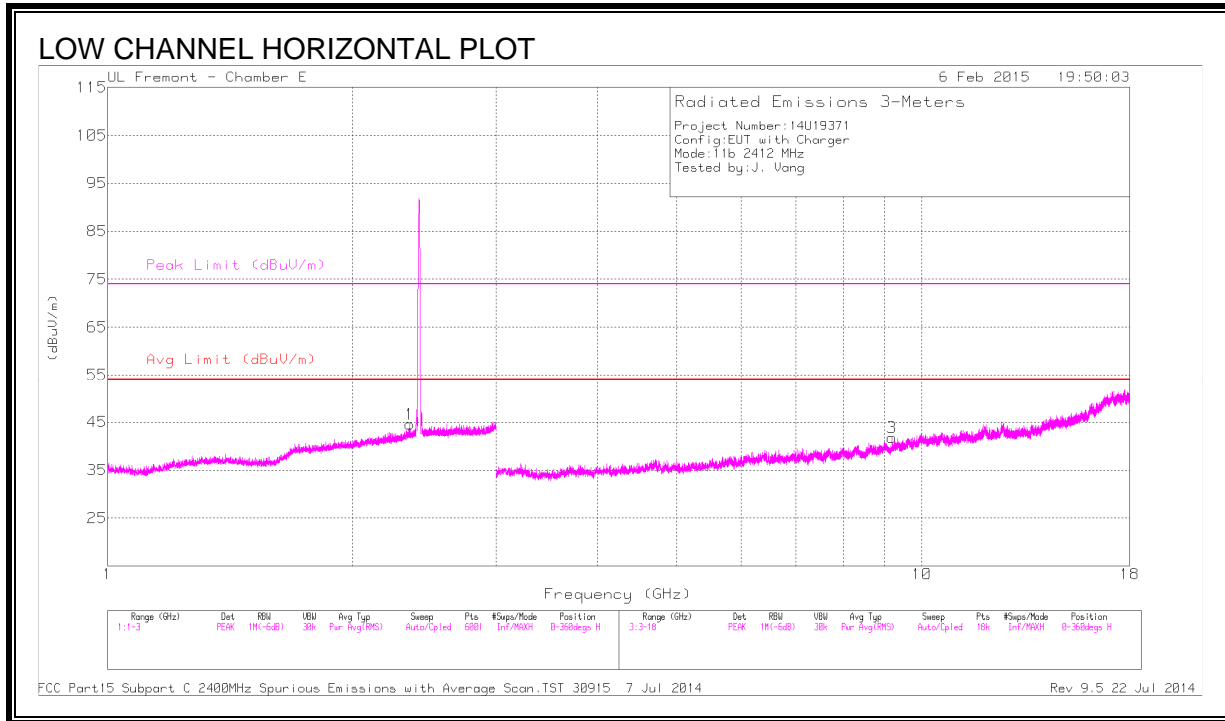


HARMONICS AND SPURIOUS EMISSIONS, CH 1



DATA

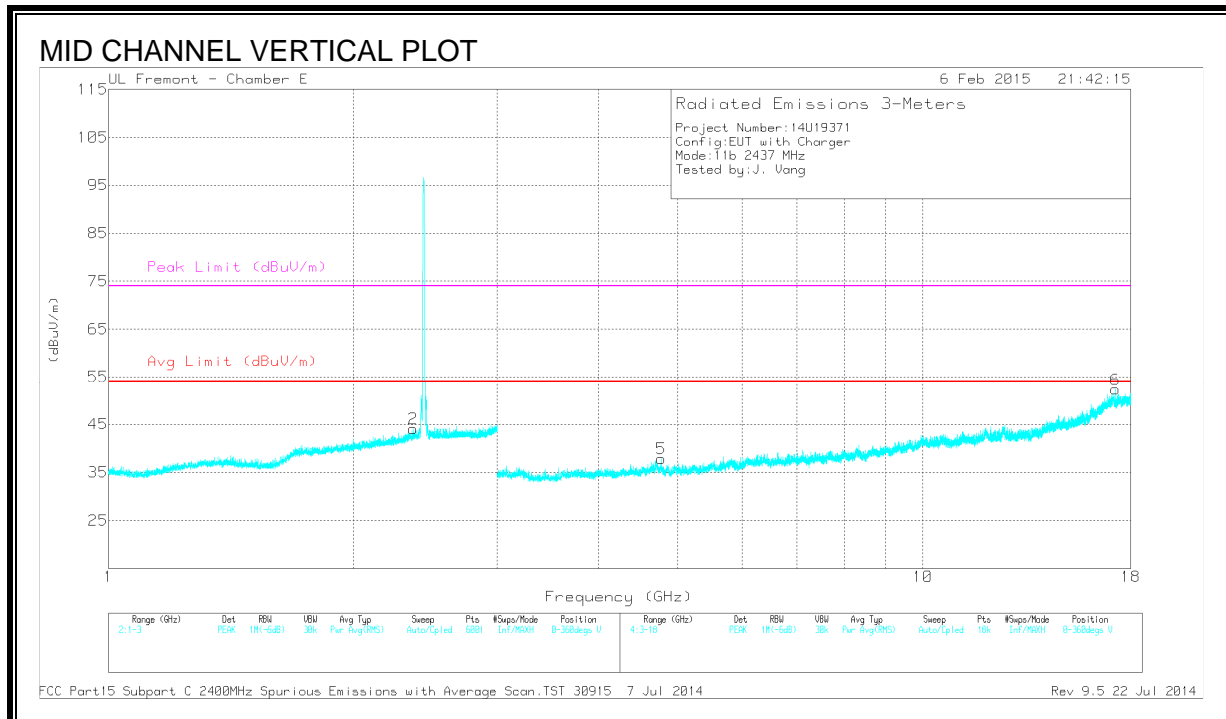
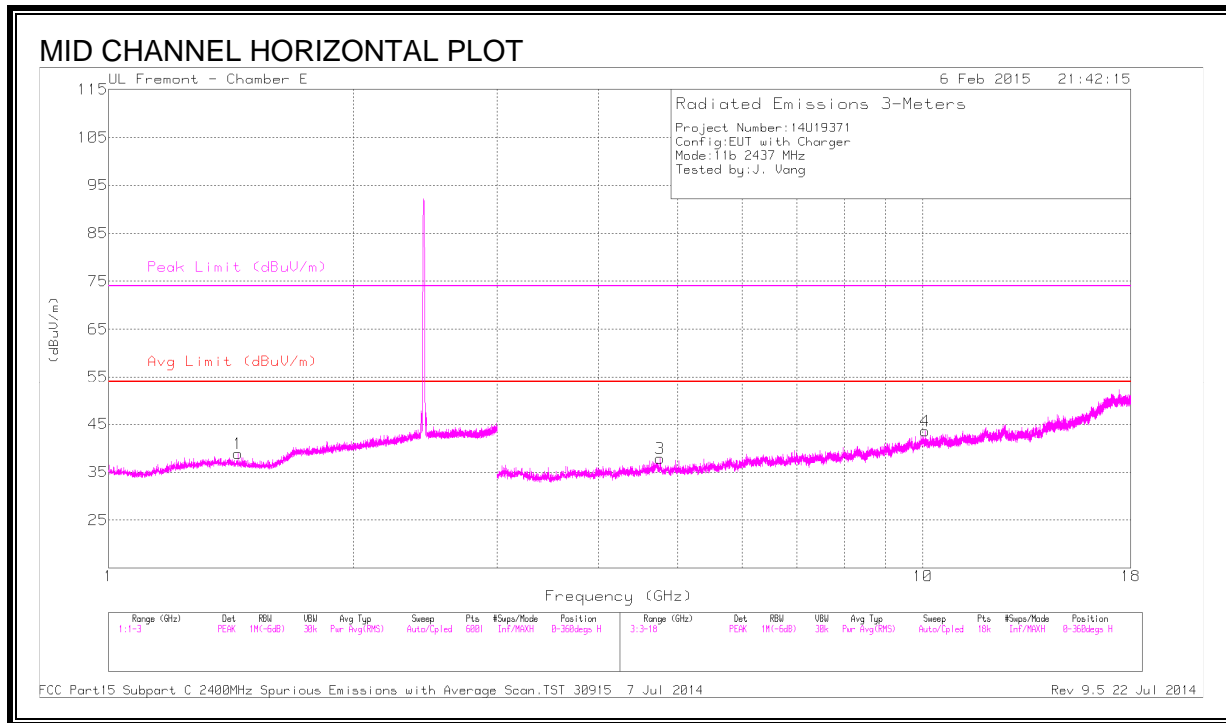
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.349	43.73	PK2	32.0	-24.7	0	51.03	-	-	74	-22.97	184	301	H
	* 2.347	31.88	MAv1	32.0	-24.7	.1	39.28	54	-14.72	-	-	184	301	H
2	2.044	43.23	PK2	30.7	-25.0	0	48.93	-	-	-	-	243	200	V
3	* 9.184	37.38	PK2	36.3	-25.9	0	47.78	-	-	74	-26.22	254	101	H
	* 9.184	26.15	MAv1	36.3	-25.9	.1	36.65	54	-17.35	-	-	254	101	H
4	* 3.972	41.90	PK2	33.1	-30.9	0	44.10	-	-	74	-29.90	242	200	V
	* 3.974	30.13	MAv1	33.1	-30.9	.1	32.43	54	-21.57	-	-	242	200	V
5	10.005	36.63	PK2	37.4	-23.7	0	50.33	-	-	-	-	242	100	V
6	* 15.706	37.42	PK2	40.2	-22.4	0	55.22	-	-	74	-18.78	316	200	V
	* 15.707	25.82	MAv1	40.2	-22.4	.1	43.72	54	-10.28	-	-	316	200	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, CH 6



DATA

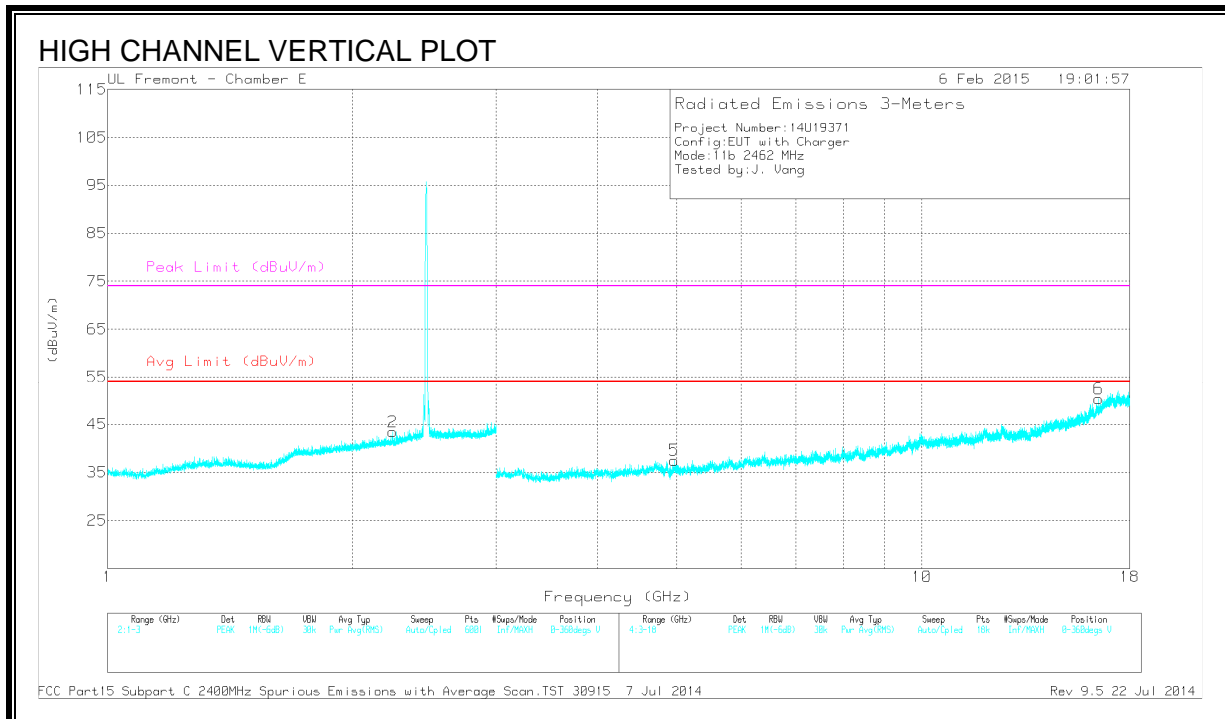
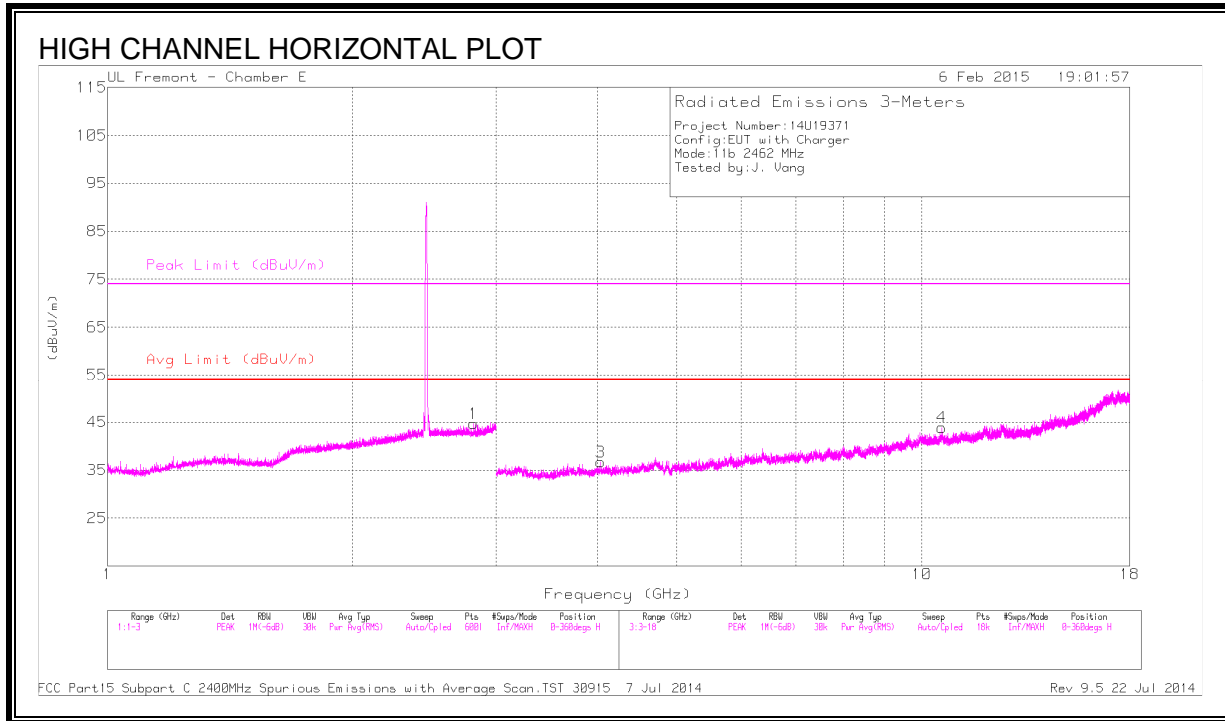
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.443	44.68	PK2	28.1	-26.4	0	46.38	-	-	74	-27.62	0	101	H
	* 1.443	32.36	MAv1	28.1	-26.4	.1	34.16	54	-19.84	-	-	0	101	H
2	* 2.367	44.07	PK2	32.0	-24.7	0	51.37	-	-	74	-22.63	196	200	V
	* 2.368	31.93	MAv1	32.0	-24.7	.1	39.33	54	-14.67	-	-	196	200	V
3	* 4.754	42.55	PK2	34.0	-30.9	0	45.65	-	-	74	-28.35	250	101	H
	* 4.756	30.90	MAv1	34.0	-30.9	.1	34.10	54	-19.90	-	-	250	101	H
4	10.061	37.12	PK2	37.5	-24.4	0	50.22	-	-	-	-	250	101	H
5	* 4.779	42.05	PK2	33.9	-31.1	0	44.85	-	-	74	-29.15	333	200	V
	* 4.772	30.94	MAv1	34.0	-31.1	.1	33.94	54	-20.06	-	-	333	200	V
6	17.231	36.03	PK2	42.3	-19.8	0	58.53	-	-	-	-	333	200	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, CH 11



DATA

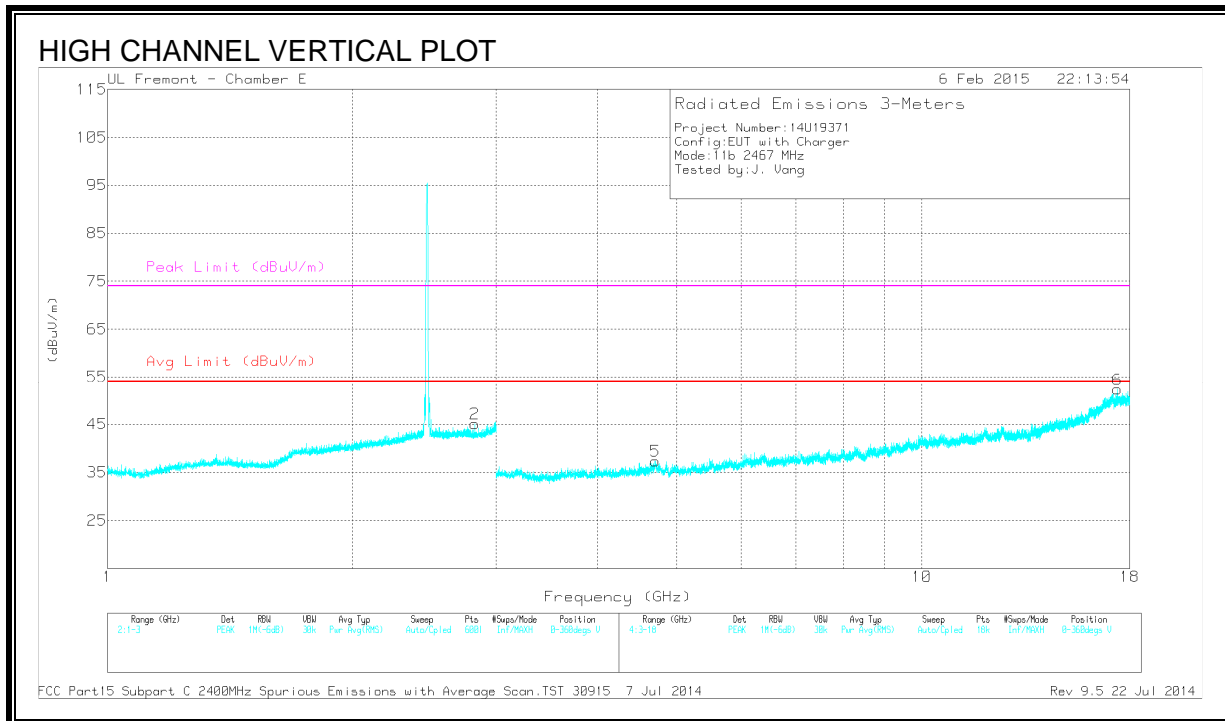
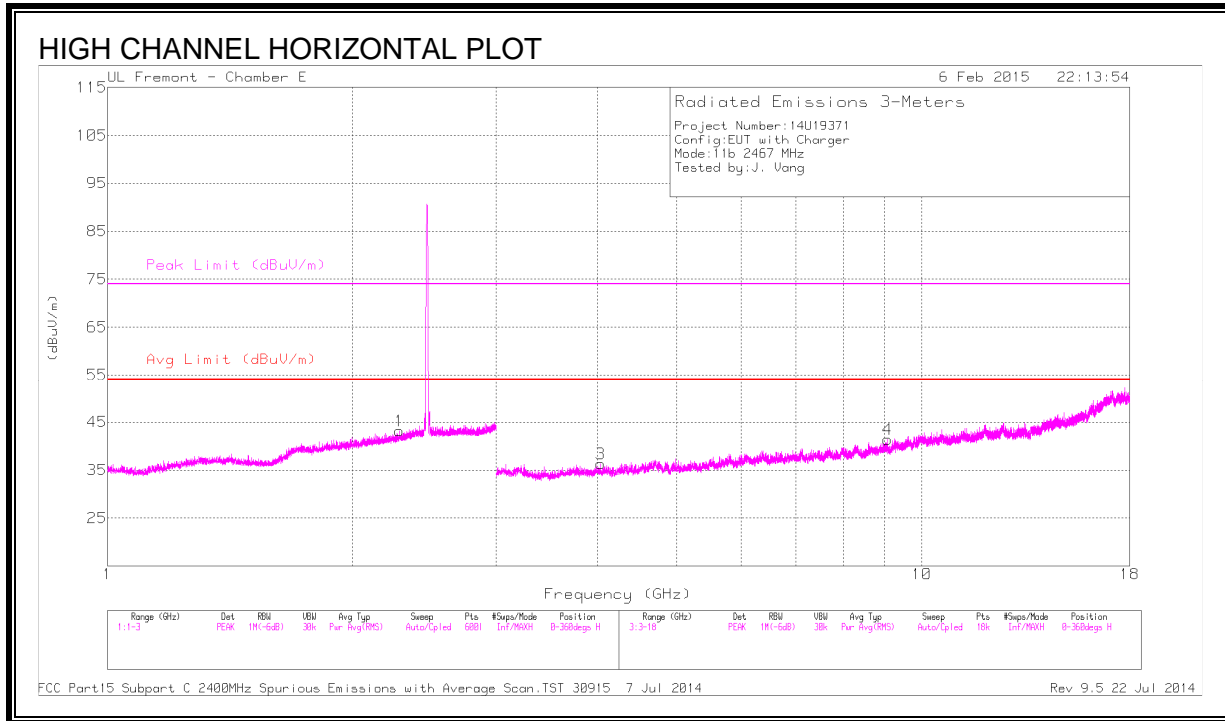
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.814	43.24	PK2	32.0	-24.1	0	51.14	-	-	74	-22.86	0	194	H
	* 2.815	31.75	MAv1	32.0	-24.1	.1	39.75	54	-14.25	-	-	0	194	H
2	* 2.239	44.12	PK2	31.5	-25.2	0	50.42	-	-	74	-23.58	115	192	V
	* 2.241	31.92	MAv1	31.5	-25.2	.1	38.32	54	-15.68	-	-	115	192	V
3	* 4.034	40.65	PK2	33.1	-30.8	0	42.95	-	-	74	-31.05	272	197	H
	* 4.032	29.94	MAv1	33.1	-30.8	.1	32.34	54	-21.66	-	-	272	197	H
4	10.583	36.03	PK2	37.3	-23.1	0	50.23	-	-	-	-	336	253	H
5	* 4.964	40.56	PK2	33.9	-30.2	0	44.26	-	-	74	-29.74	258	252	V
	* 4.962	29.01	MAv1	33.9	-30.2	.1	32.81	54	-21.19	-	-	258	252	V
6	16.482	37.27	PK2	41.0	-20.4	0	57.87	-	-	-	-	165	279	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, CH 12



DATA

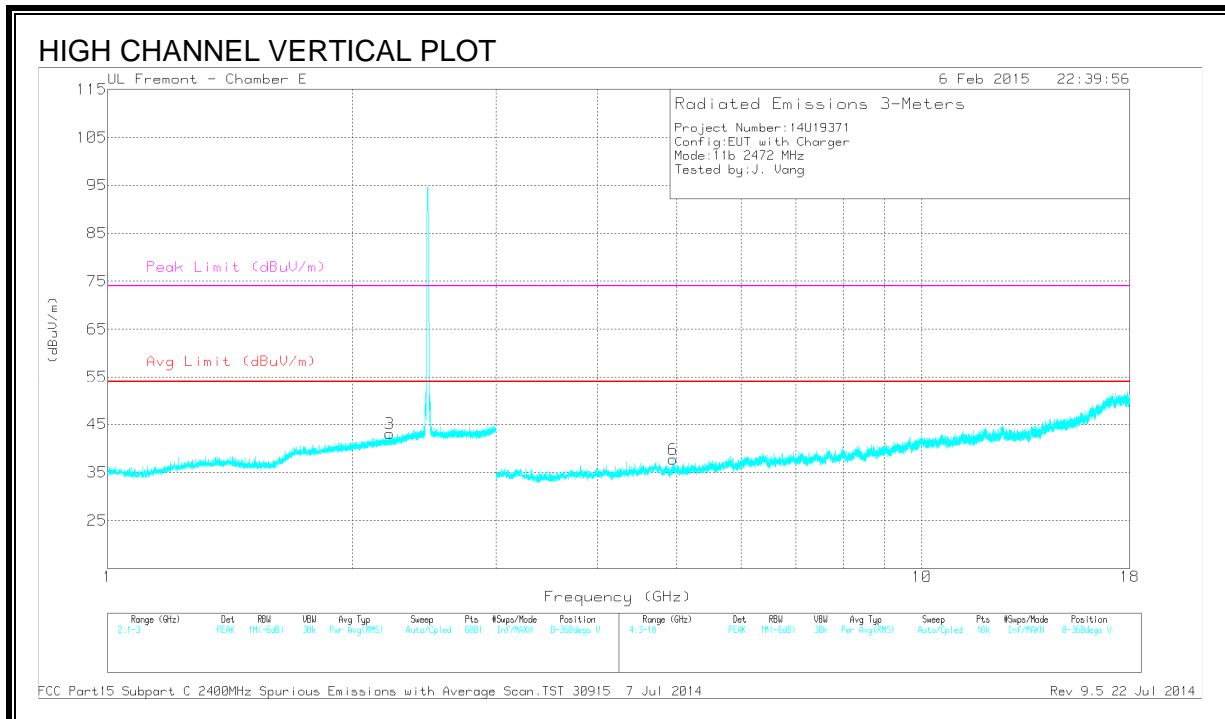
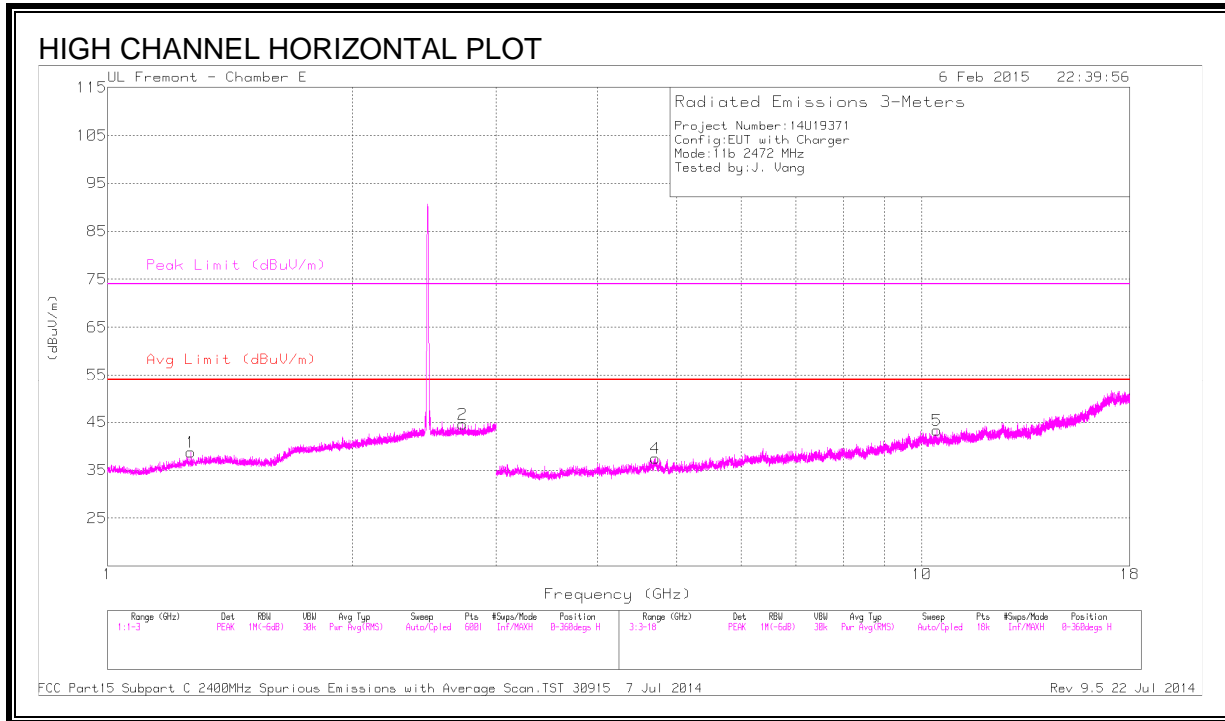
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.281	44.57	PK2	31.7	-25.1	0	51.17	-	-	74	-22.83	360	101	H
	* 2.284	32.44	MAv1	31.7	-25.1	.1	39.14	54	-14.86	-	-	360	101	H
2	* 2.823	43.98	PK2	32.0	-24.1	0	51.88	-	-	74	-22.12	232	101	V
	* 2.824	31.74	MAv1	32.0	-24.1	.1	39.74	54	-14.26	-	-	232	101	V
3	* 4.034	41.21	PK2	33.1	-30.8	0	43.51	-	-	74	-30.49	311	101	H
	* 4.032	29.93	MAv1	33.1	-30.8	.1	32.33	54	-21.67	-	-	311	101	H
4	* 9.073	36.57	PK2	36.2	-25.6	0	47.17	-	-	74	-26.83	173	200	H
	* 9.074	25.61	MAv1	36.2	-25.6	.1	36.31	54	-17.69	-	-	173	200	H
5	* 4.708	42.33	PK2	34.0	-30.5	0	45.83	-	-	74	-28.17	22	200	V
	* 4.710	30.60	MAv1	34.0	-30.6	.1	34.10	54	-19.90	-	-	22	200	V
6	17.391	35.47	PK2	42.5	-18.9	0	59.07	-	-	-	-	112	102	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, CH 13



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.266	44.18	PK2	28.3	-27.2	0	45.28	-	-	74	-28.72	0	101	H
	* 1.265	32.85	MAv1	28.3	-27.2	.1	34.05	54	-19.95	-	-	0	101	H
2	* 2.728	42.98	PK2	32.0	-24.0	0	50.98	-	-	74	-23.02	266	101	H
	* 2.726	31.55	MAv1	32.0	-24.0	.1	39.65	54	-14.35	-	-	266	101	H
3	* 2.219	43.39	PK2	31.5	-25.2	0	49.69	-	-	74	-24.31	336	101	V
	* 2.222	31.90	MAv1	31.5	-25.2	.1	38.30	54	-15.70	-	-	336	101	V
4	* 4.707	42.15	PK2	34.0	-30.5	0	45.65	-	-	74	-28.35	62	101	H
	* 4.710	30.59	MAv1	34.0	-30.5	.1	34.19	54	-19.81	-	-	62	101	H
5	10.434	36.64	PK2	37.3	-24.1	0	49.84	-	-	-	-	32	200	H
6	* 4.943	39.98	PK2	33.9	-30.2	0	43.68	-	-	74	-30.32	87	200	V
	* 4.943	28.80	MAv1	33.9	-30.2	.1	32.60	54	-21.40	-	-	87	200	V

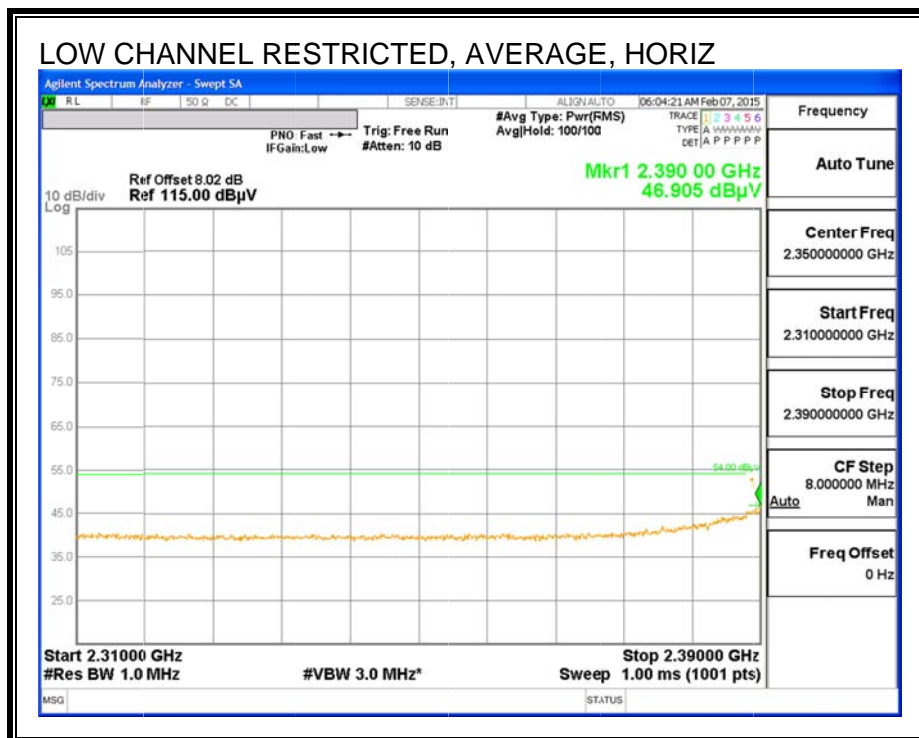
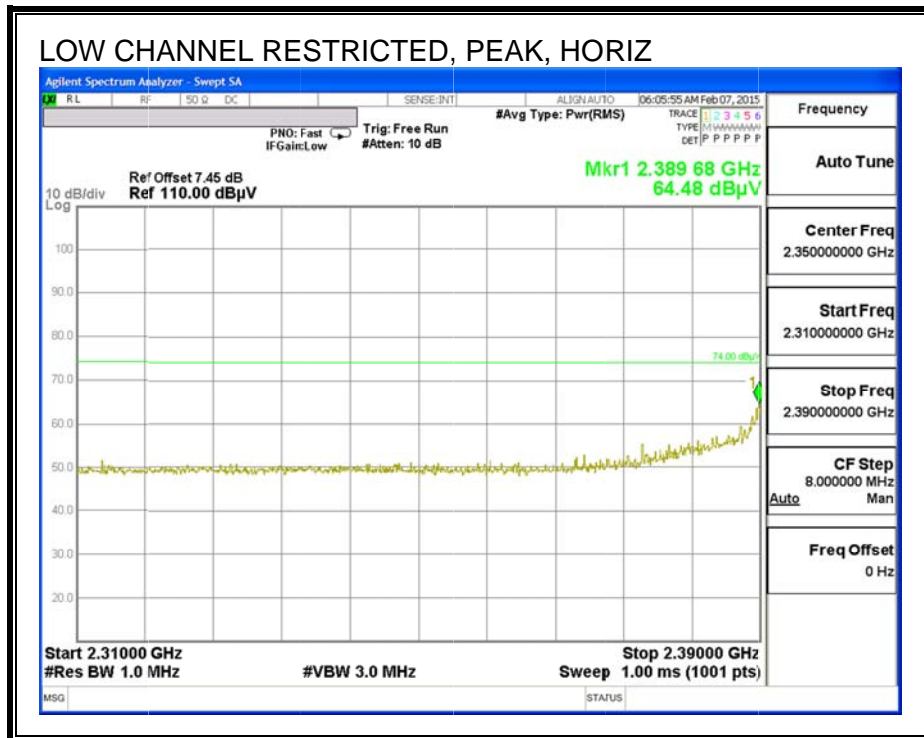
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

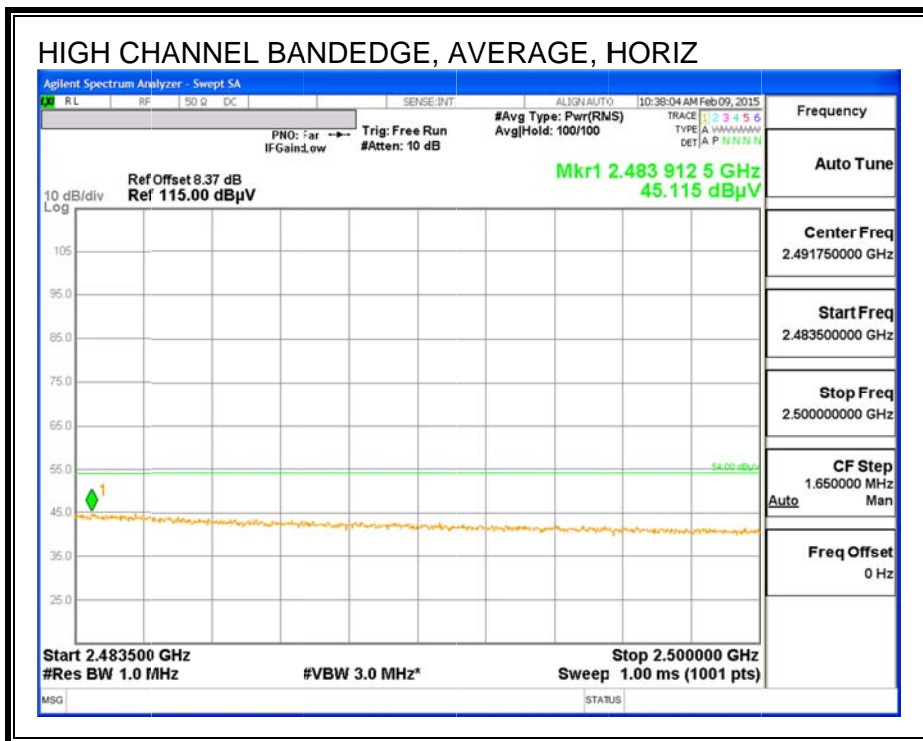
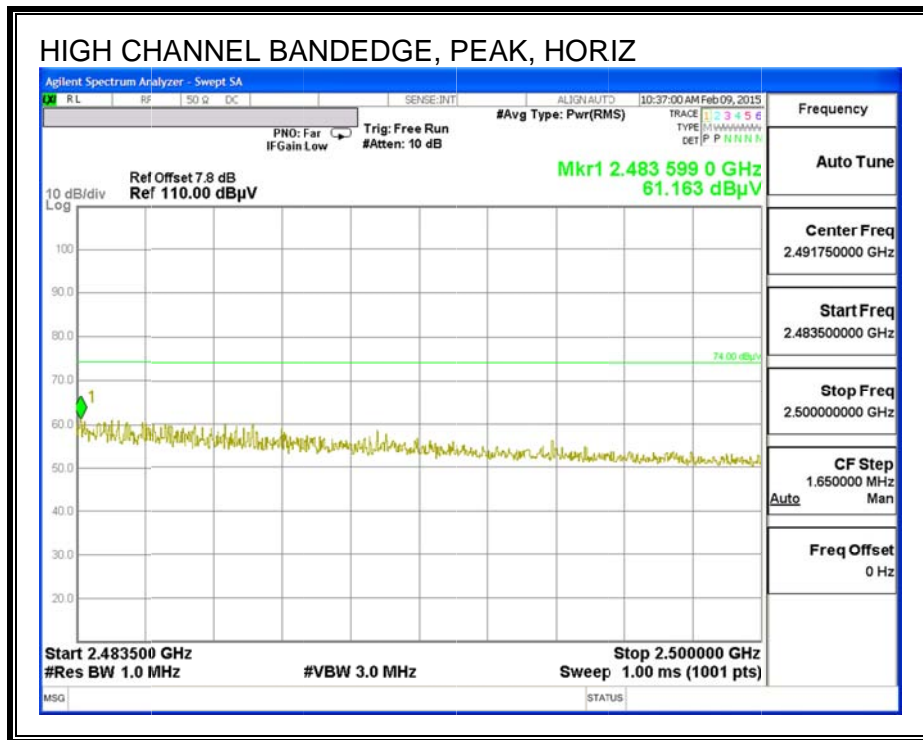
MAv1 - KDB558074 Option 1 Maximum RMS Average

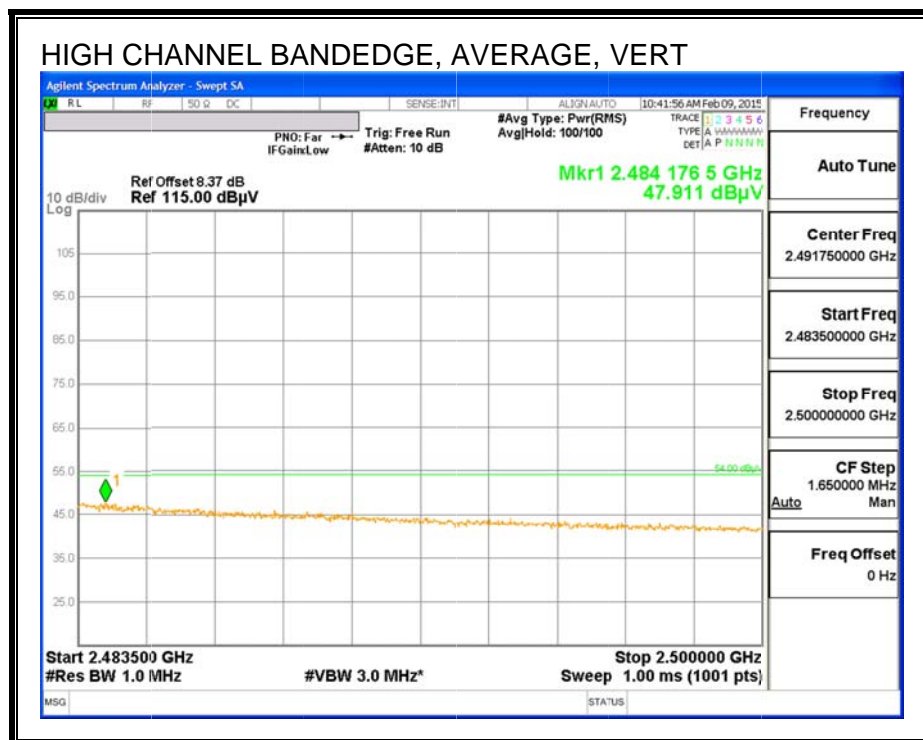
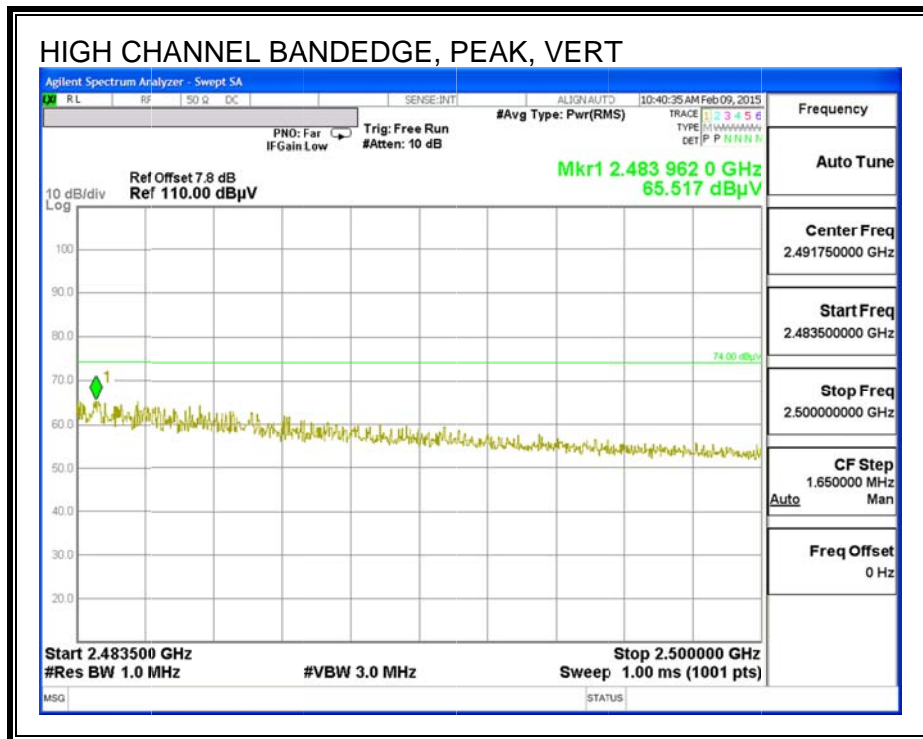
10.4.2. 802.11g 1Tx MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL, Channel 1)

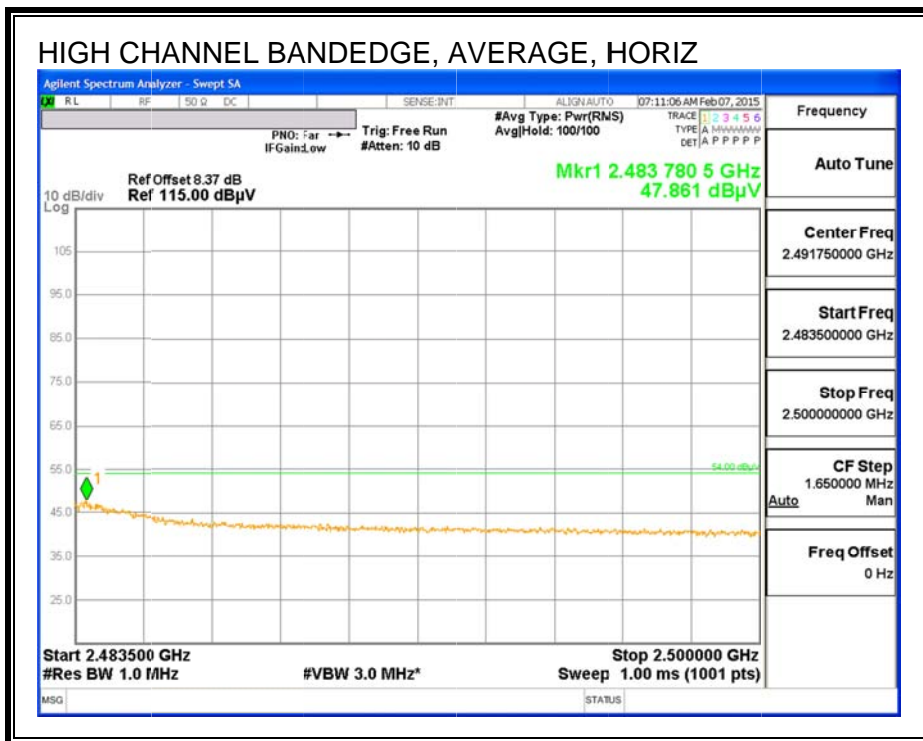
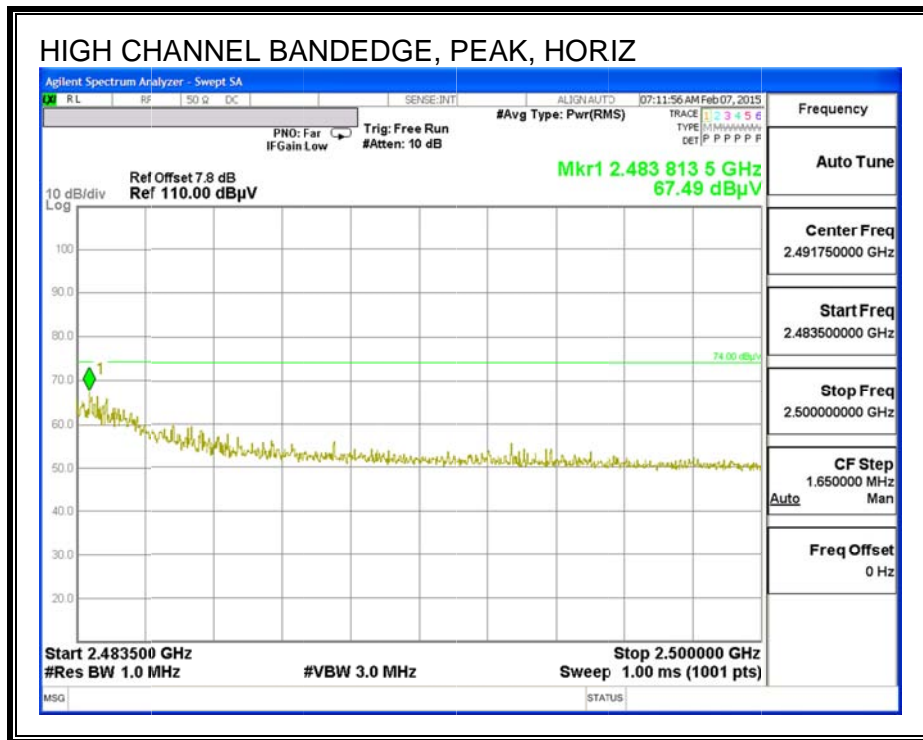


AUTHORIZED BANDEDGE (HIGH CHANNEL, Channel 10)

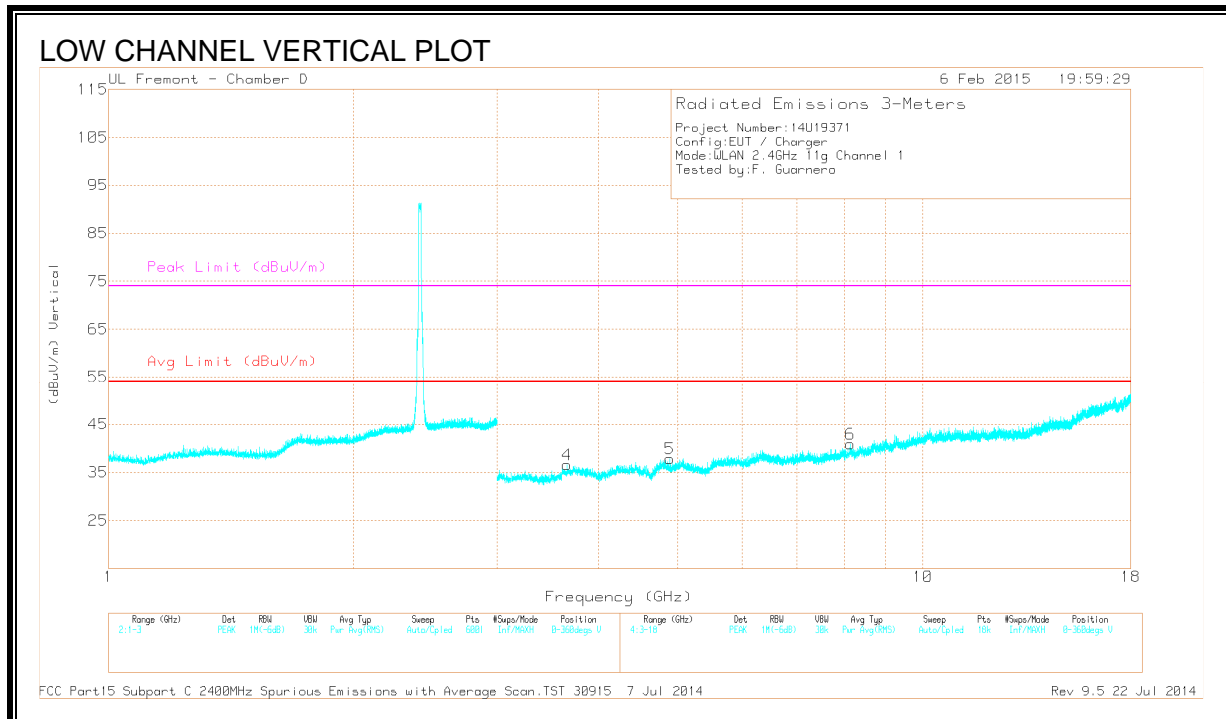
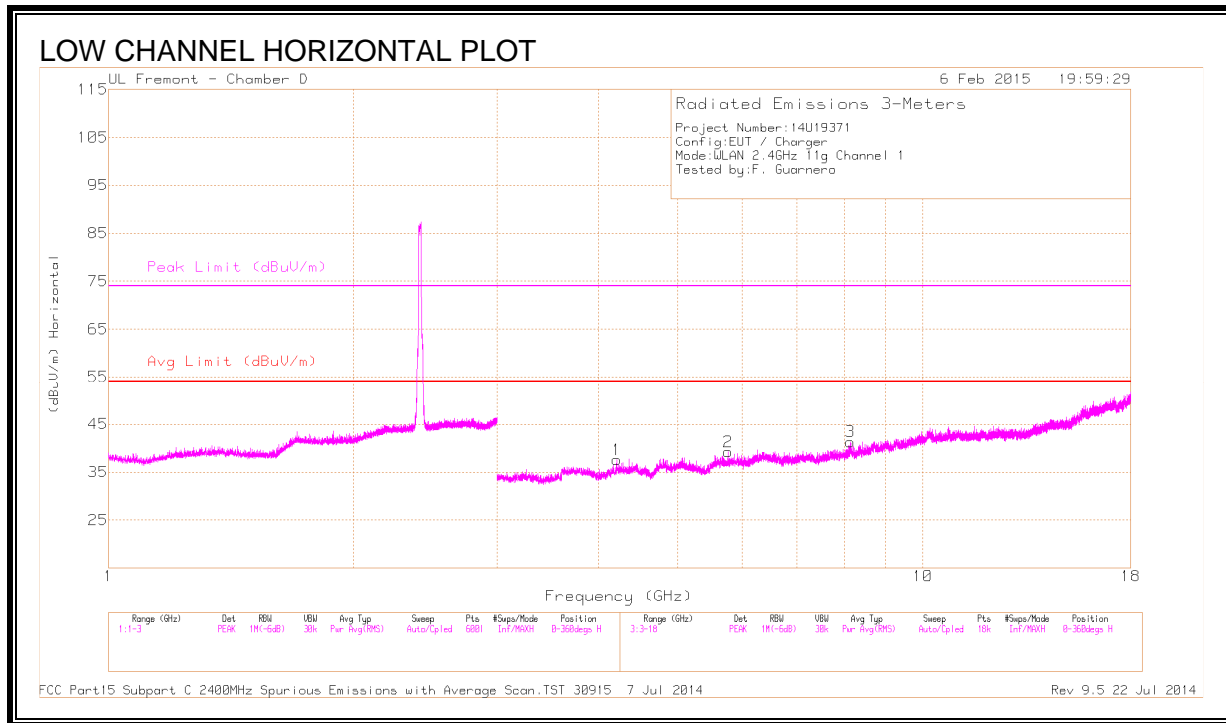




AUTHORIZED BANDEDGE (HIGH CHANNEL, Channel 11)



HARMONICS AND SPURIOUS EMISSIONS, CH 1



DATA

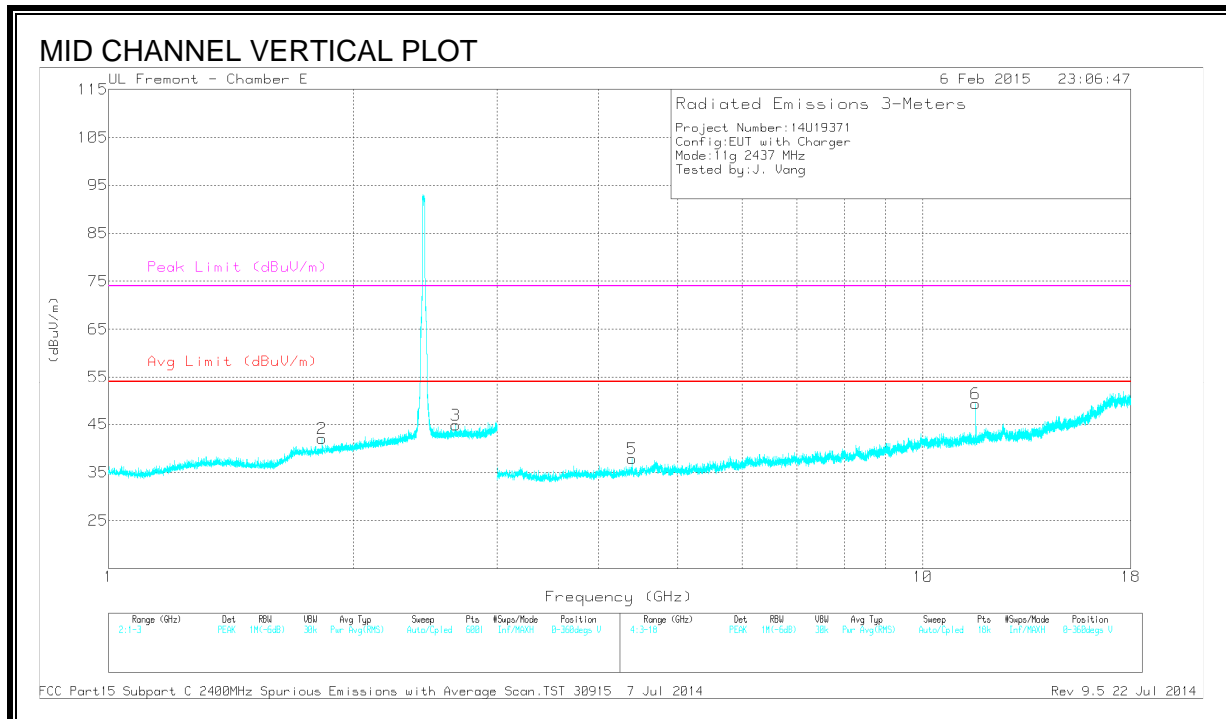
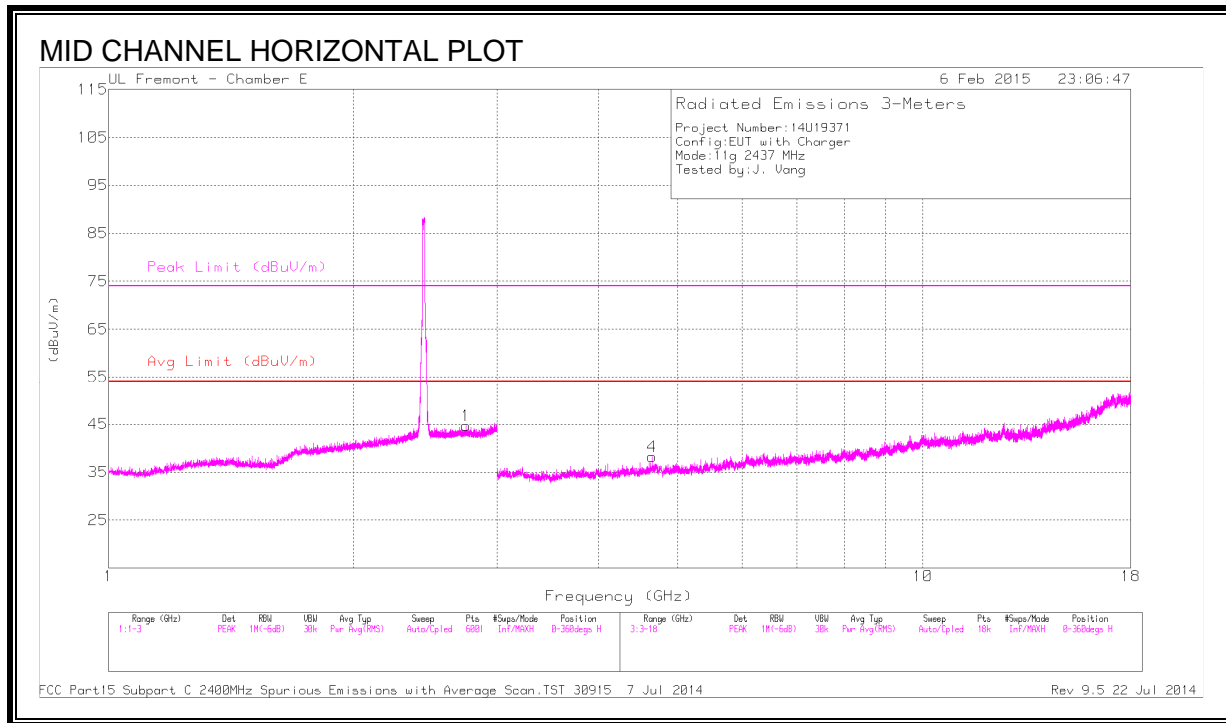
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.211	38.25	PK2	33.3	-27.6	0	43.95	-	-	74	-30.05	246	180	H
	* 4.211	25.99	MAv1	33.3	-27.6	.57	32.26	54	-21.74	-	-	246	180	H
2	5.767	37.54	PK2	35.3	-27.3	0	45.54	-	-	-	-	216	173	H
3	* 8.145	34.63	PK2	36.1	-23.0	0	47.73	-	-	74	-26.27	252	190	H
	* 8.144	24.06	MAv1	36.1	-23.0	.57	37.73	54	-16.27	-	-	252	190	H
4	* 3.657	39.19	PK2	33.0	-29.2	0	42.99	-	-	74	-31.01	34	392	V
	* 3.659	27.27	MAv1	33.0	-29.2	.57	31.64	54	-22.36	-	-	34	392	V
5	* 4.887	37.22	PK2	33.9	-28.2	0	42.92	-	-	74	-31.08	56	328	V
	* 4.887	26.66	MAv1	33.9	-28.2	.57	32.93	54	-21.07	-	-	56	328	V
6	* 8.149	34.39	PK2	36.1	-22.9	0	47.59	-	-	74	-26.41	49	313	V
	* 8.149	24.08	MAv1	36.1	-22.9	.57	37.85	54	-16.15	-	-	49	313	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, CH 6



DATA

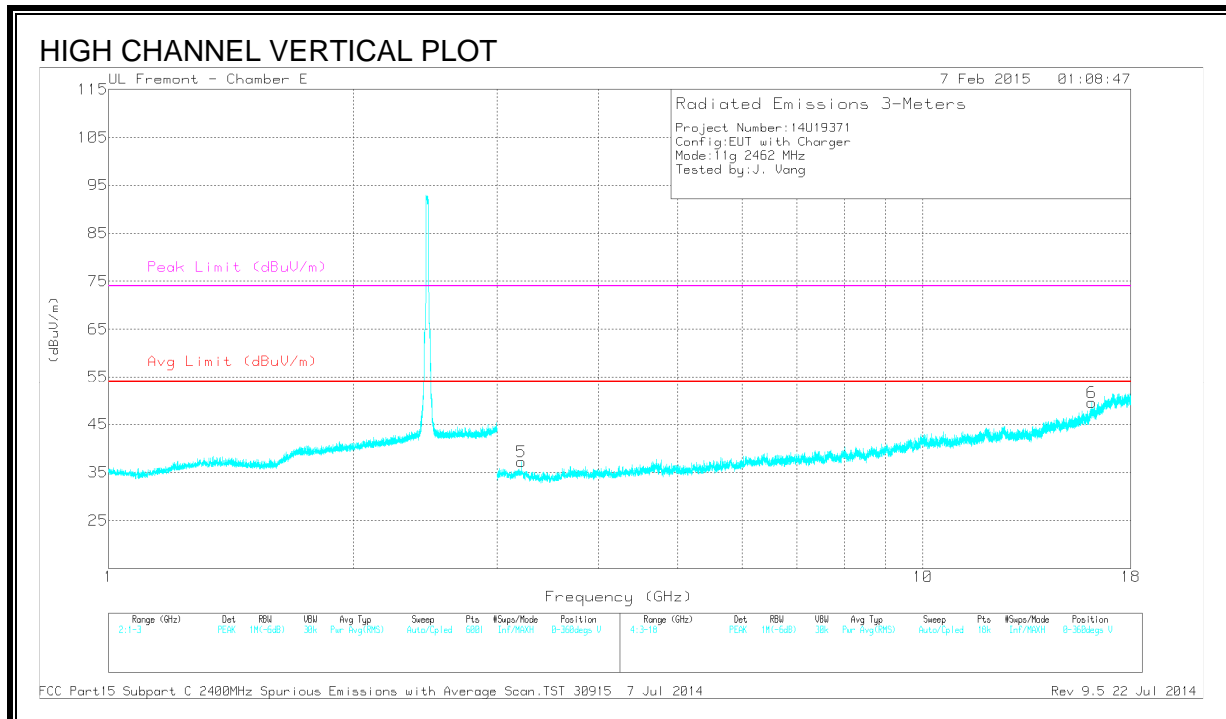
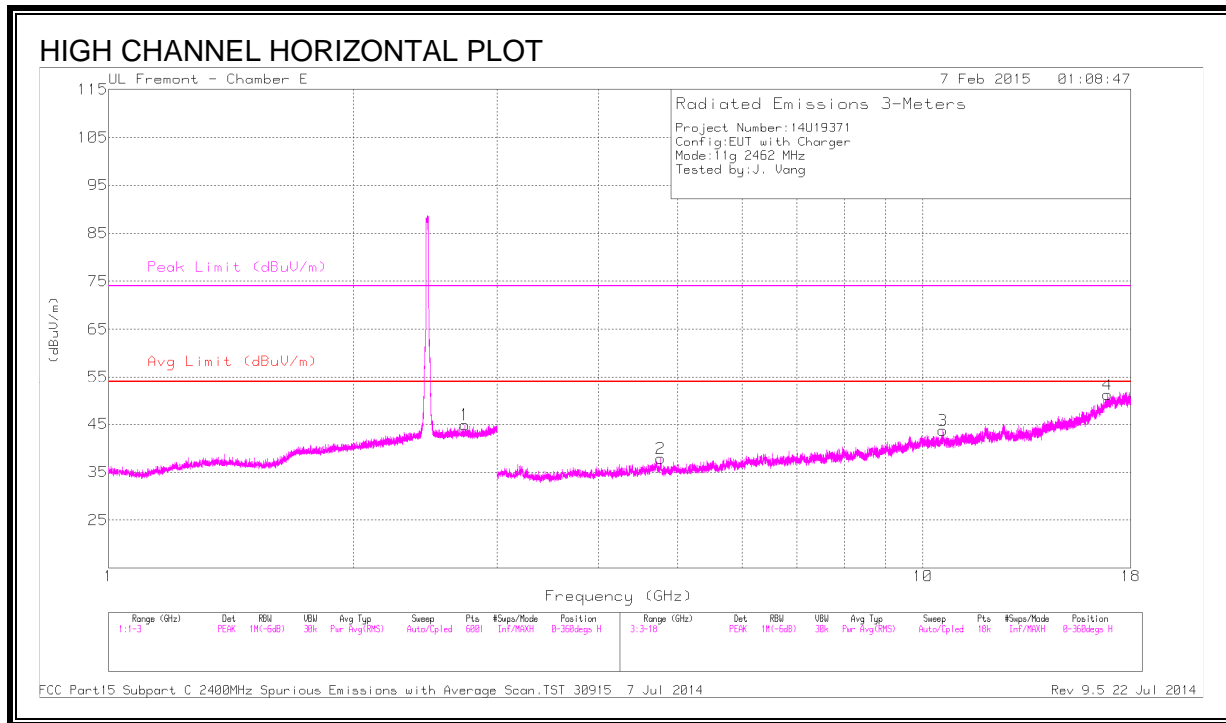
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.747	43.12	PK2	32.0	-23.8	0	51.32	-	-	74	-22.68	0	101	H
	* 2.748	32.03	MAv1	32.0	-23.8	.57	40.80	54	-13.20	-	-	0	101	H
2	1.829	44.05	PK2	30.3	-25.9	0	48.45	-	-	-	-	0	101	V
3	* 2.670	43.44	PK2	32.0	-23.9	0	51.54	-	-	74	-22.46	275	101	V
	* 2.667	31.65	MAv1	32.0	-23.9	.57	40.32	54	-13.68	-	-	275	101	V
4	* 4.650	40.04	PK2	33.9	-29.9	0	44.04	-	-	74	-29.96	314	101	H
	* 4.647	28.91	MAv1	33.9	-29.8	.57	33.58	54	-20.42	-	-	314	101	H
5	* 4.396	40.53	PK2	33.5	-30.4	0	43.63	-	-	74	-30.37	360	200	V
	* 4.395	29.41	MAv1	33.5	-30.4	.57	33.08	54	-20.92	-	-	360	200	V
6	* 11.615	36.21	PK2	37.6	-23.5	0	50.31	-	-	74	-23.69	267	102	V
	* 11.614	24.82	MAv1	37.6	-23.5	.57	39.49	54	-14.51	-	-	267	102	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, CH 11



DATA

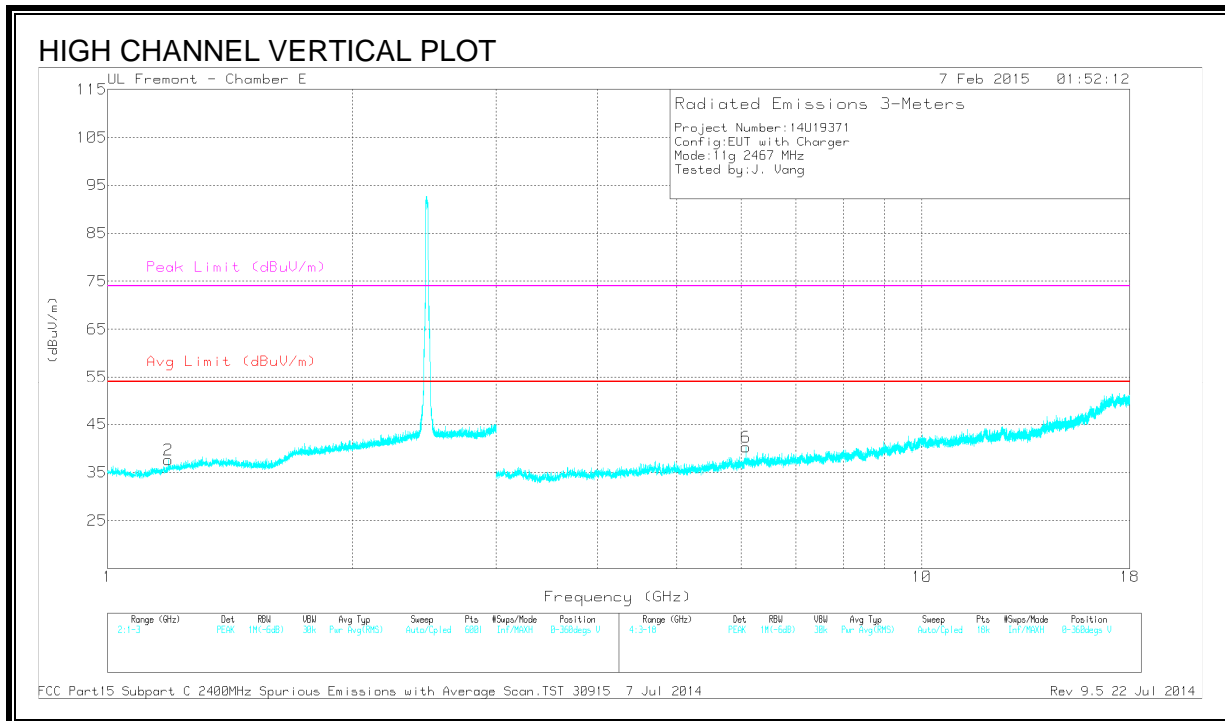
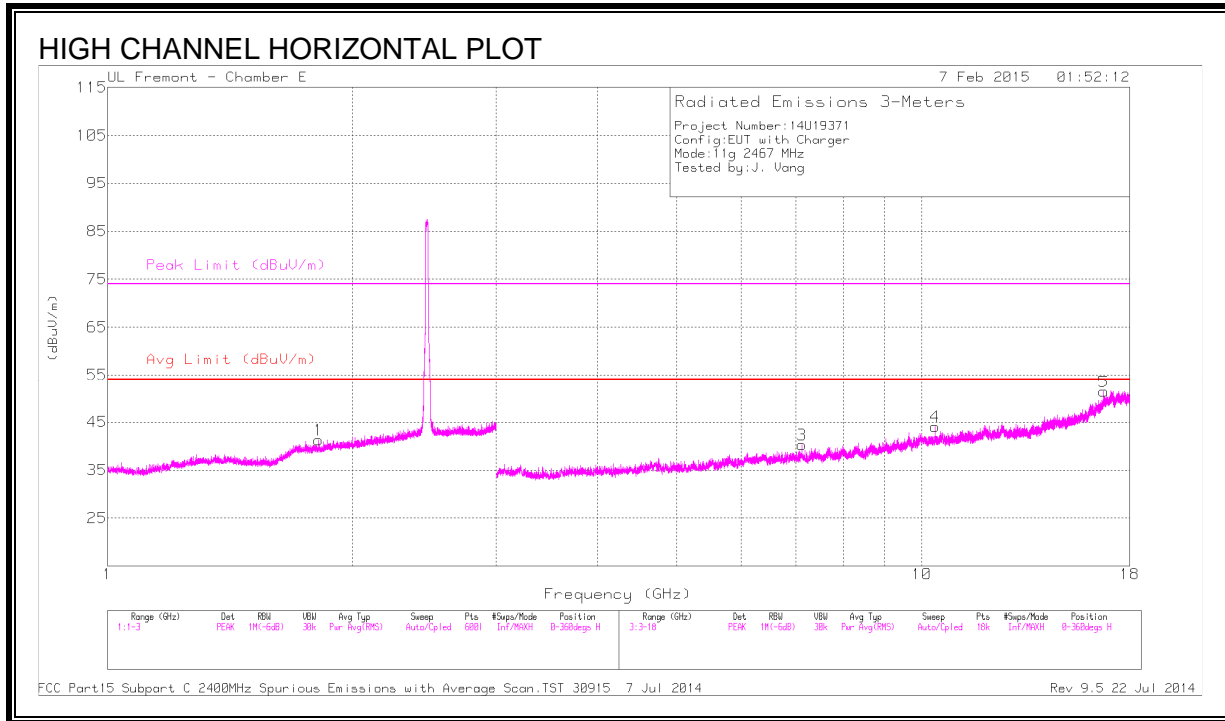
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.739	43.35	PK2	32.0	-23.9	0	51.45	-	-	74	-22.55	328	121	H
	* 2.740	32.03	MAv1	32.0	-23.8	.57	40.80	54	-13.20	-	-	328	121	H
2	* 4.767	42.69	PK2	34.0	-31.1	0	45.59	-	-	74	-28.41	287	105	H
	* 4.766	31.31	MAv1	34.0	-31.1	.57	34.78	54	-19.22	-	-	287	105	H
3	10.572	25.47	MAv1	37.3	-23.4	.57	39.94	-	-	-	-	241	133	H
4	16.850	37.20	PK2	42.5	-20.2	0	59.50	-	-	-	-	277	157	H
5	3.213	42.36	PK2	33.5	-31.9	0	43.96	-	-	-	-	230	138	V
6	* 16.109	36.88	PK2	40.7	-20.8	0	56.78	-	-	74	-17.22	192	120	V
	* 16.107	25.7	MAv1	40.7	-20.9	.57	46.07	54	-7.93	-	-	192	120	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, CH 12



DATA

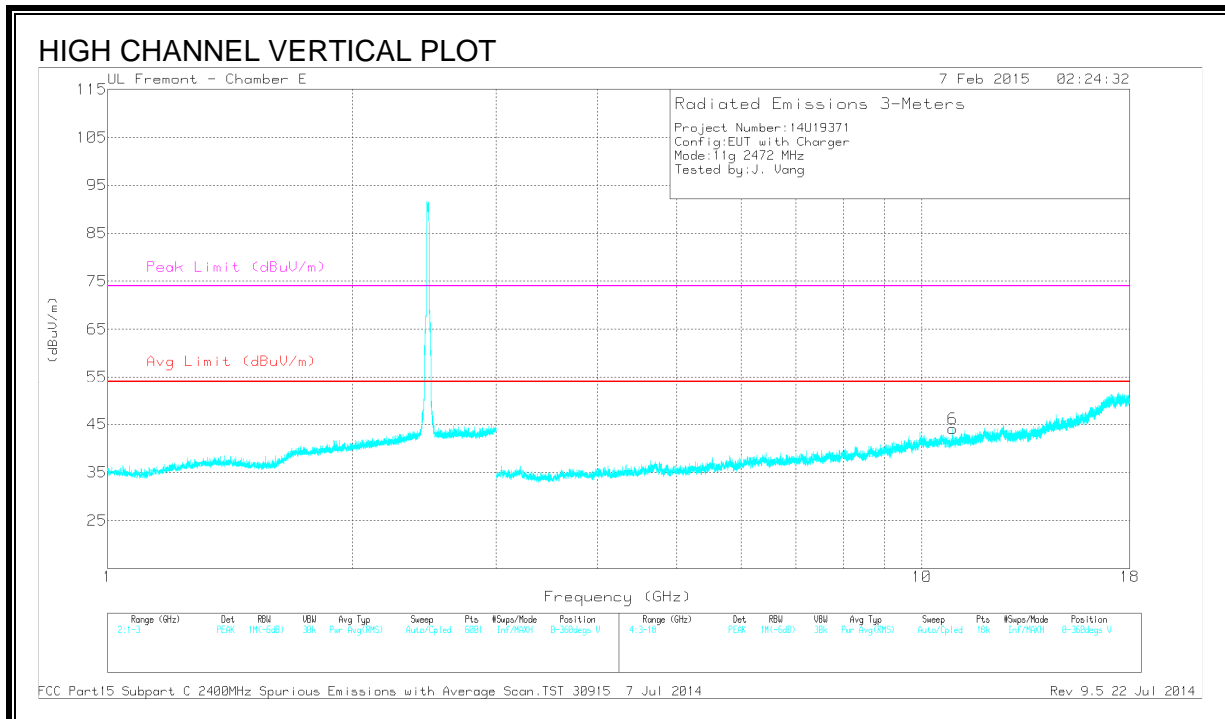
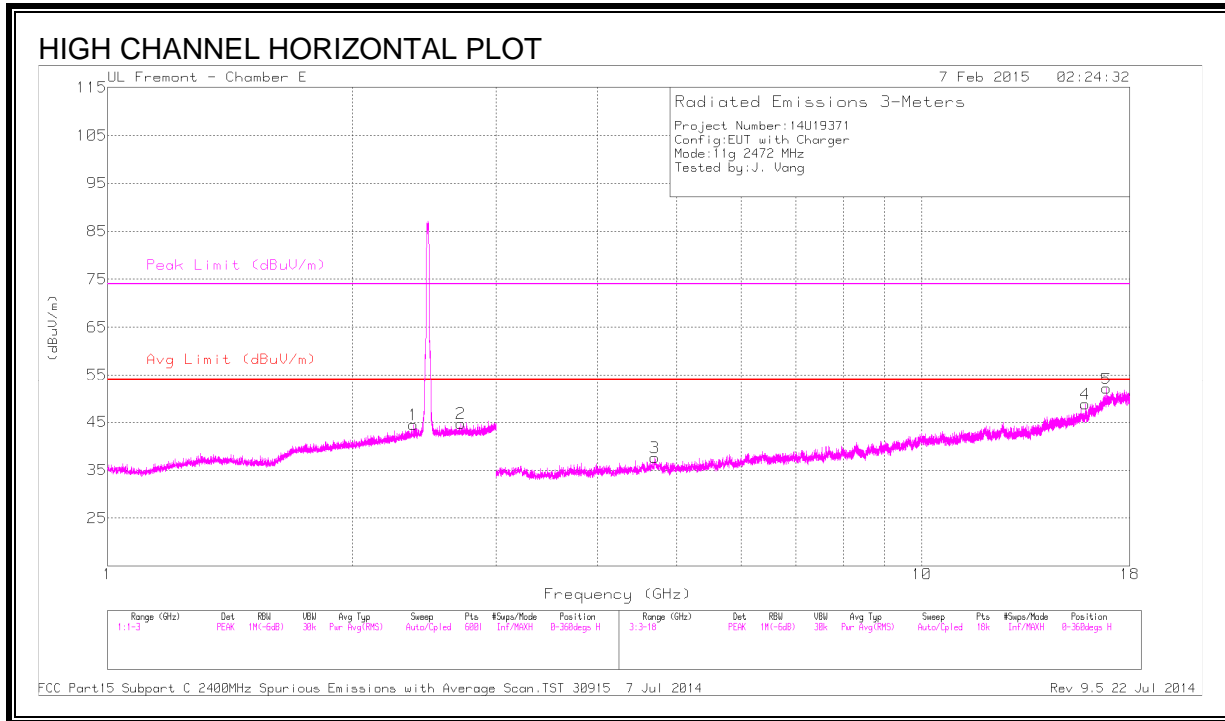
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.815	43.74	PK2	30.2	-25.9	0	48.04	-	-	-	-	360	101	H
2	* 1.190	44.83	PK2	27.7	-27.6	0	44.93	-	-	74	-29.07	305	101	V
	* 1.190	32.52	MAV1	27.7	-27.6	.57	33.19	54	-20.81	-	-	305	101	V
3	7.129	39.97	PK2	35.4	-28.7	0	46.67	-	-	-	-	356	101	H
4	10.379	36.64	PK2	37.4	-23.9	0	50.14	-	-	-	-	356	101	H
5	16.729	36.80	PK2	41.8	-19.7	0	58.90	-	-	-	-	356	101	H
6	6.081	38.65	PK2	35.1	-28.6	0	45.15	-	-	-	-	356	101	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, CH 13



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.374	43.85	PK2	32.1	-24.6	0	51.35	-	-	74	-22.65	360	100	H
	* 2.377	32.39	MAv1	32.1	-24.6	.57	40.46	54	-13.54	-	-	360	100	H
2	* 2.715	43.00	PK2	32.0	-23.9	0	51.10	-	-	74	-22.90	243	100	H
	* 2.717	31.65	MAv1	32.0	-23.9	.57	40.32	54	-13.68	-	-	243	100	H
3	* 4.697	41.21	PK2	34.0	-30.2	0	45.01	-	-	74	-28.99	282	100	H
	* 4.698	29.78	MAv1	34.0	-30.2	.57	34.15	54	-19.85	-	-	282	100	H
4	* 15.865	36.95	PK2	40.4	-22.1	0	55.25	-	-	74	-18.75	195	100	H
	* 15.864	25.70	MAv1	40.4	-22.1	.57	44.57	54	-9.43	-	-	195	100	H
5	16.870	37.03	PK2	42.7	-20.2	0	59.53	-	-	-	-	195	100	H
6	* 10.910	36.75	PK2	37.2	-23.8	0	50.15	-	-	74	-23.85	347	100	V
	* 10.913	25.33	MAv1	37.2	-23.7	.57	39.40	54	-14.60	-	-	347	100	V

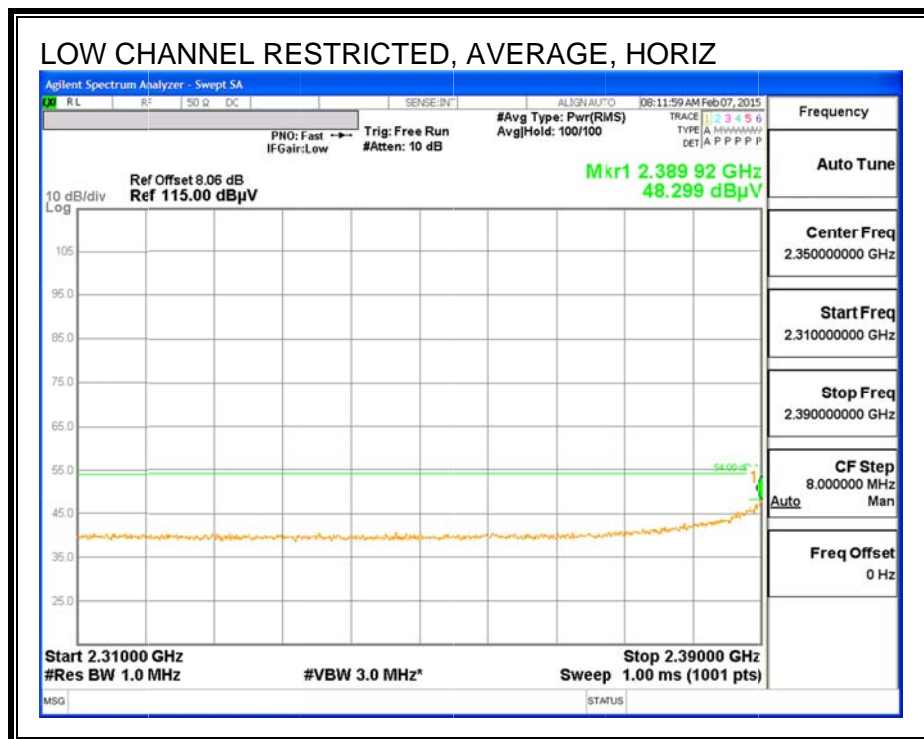
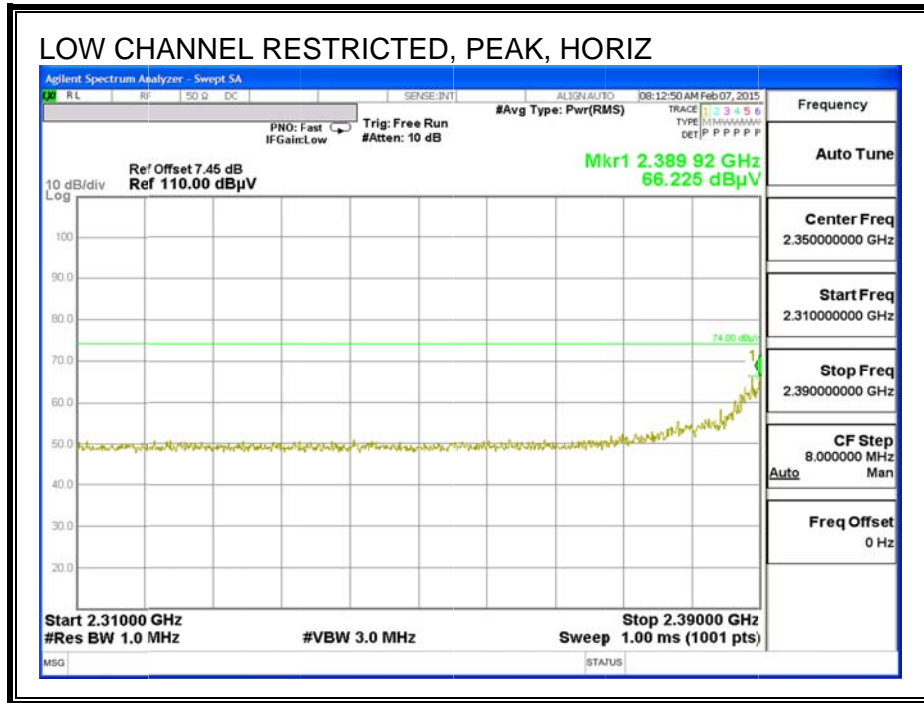
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

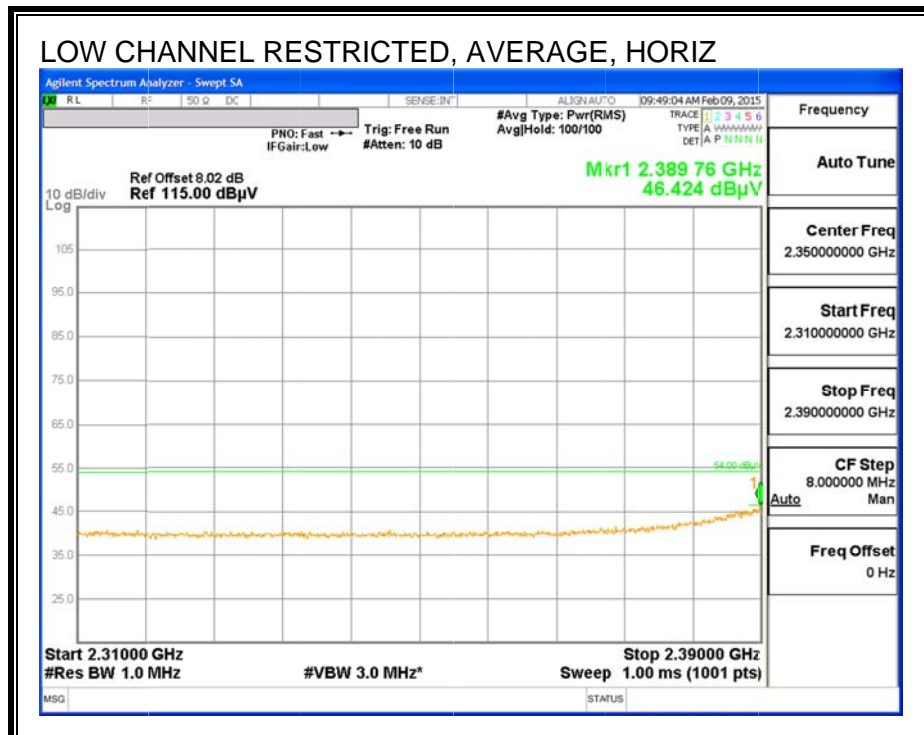
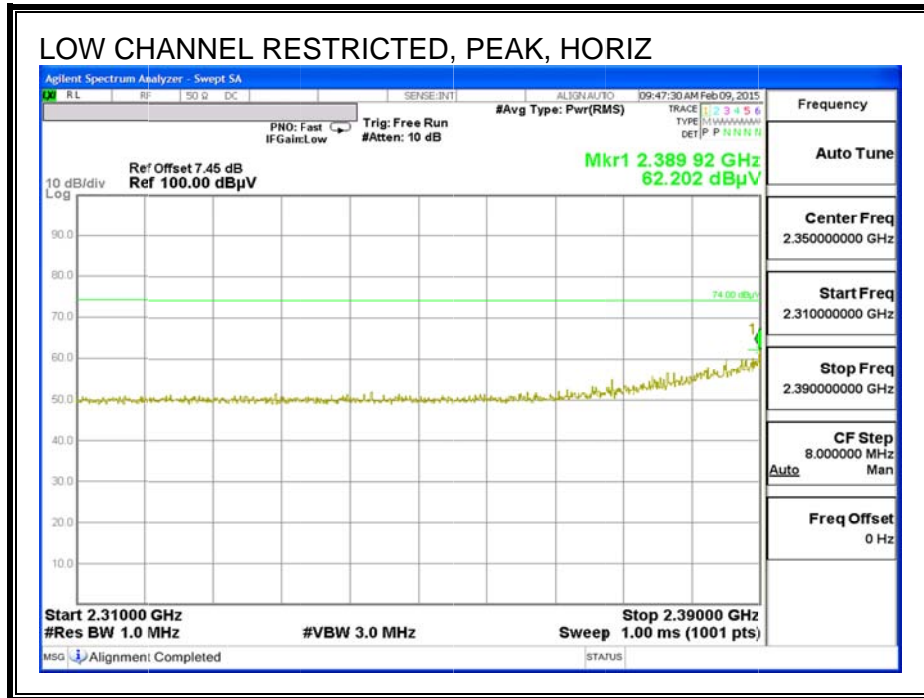
MAv1 - KDB558074 Option 1 Maximum RMS Average

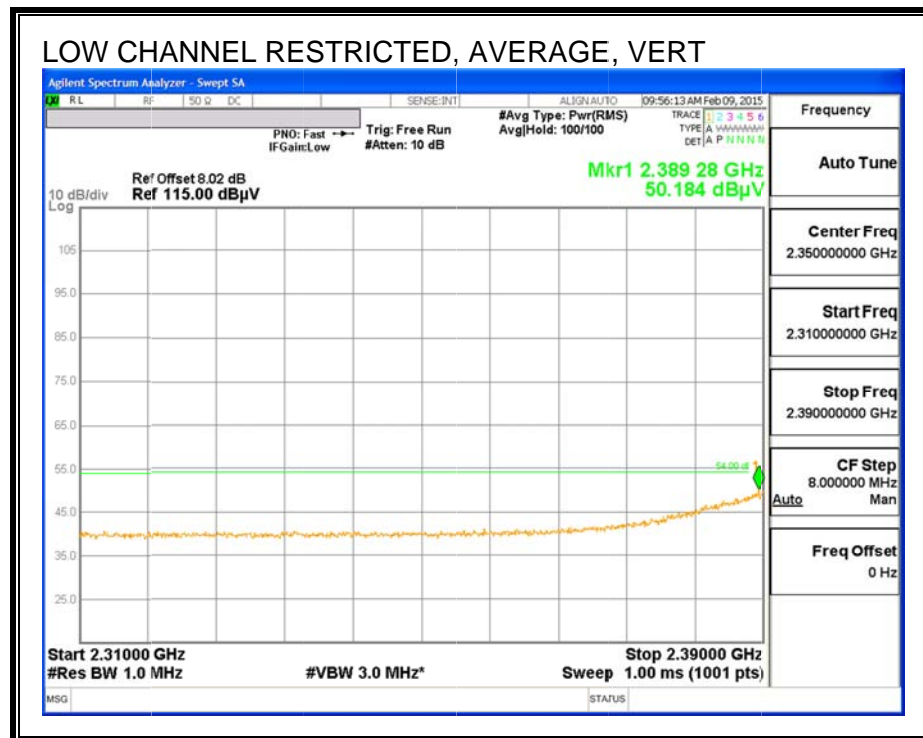
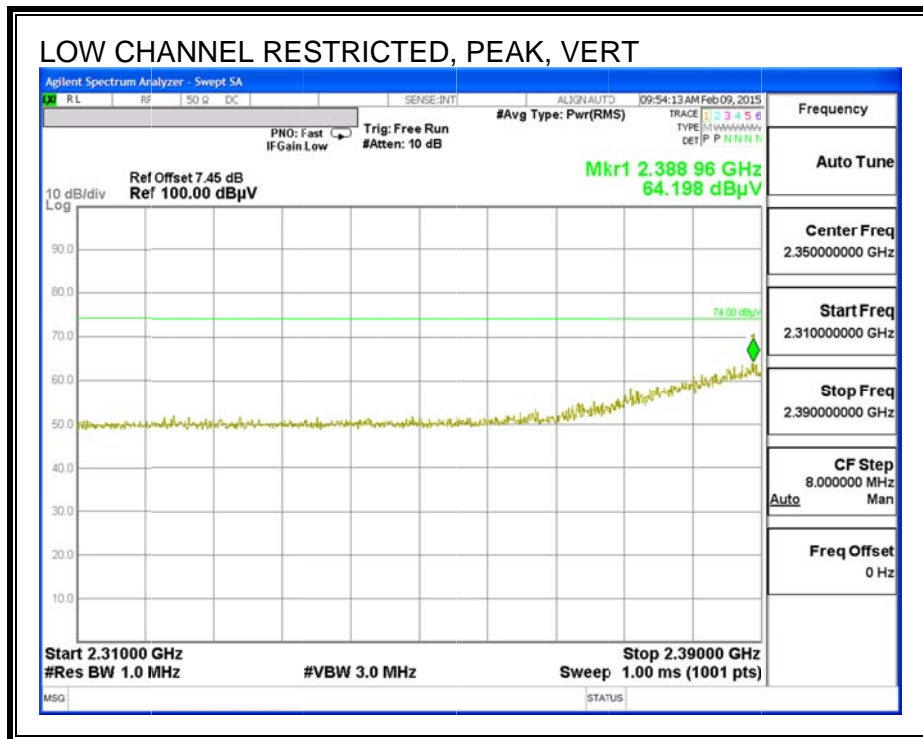
10.4.3. 802.11n HT20 1Tx MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL, Channel 1)

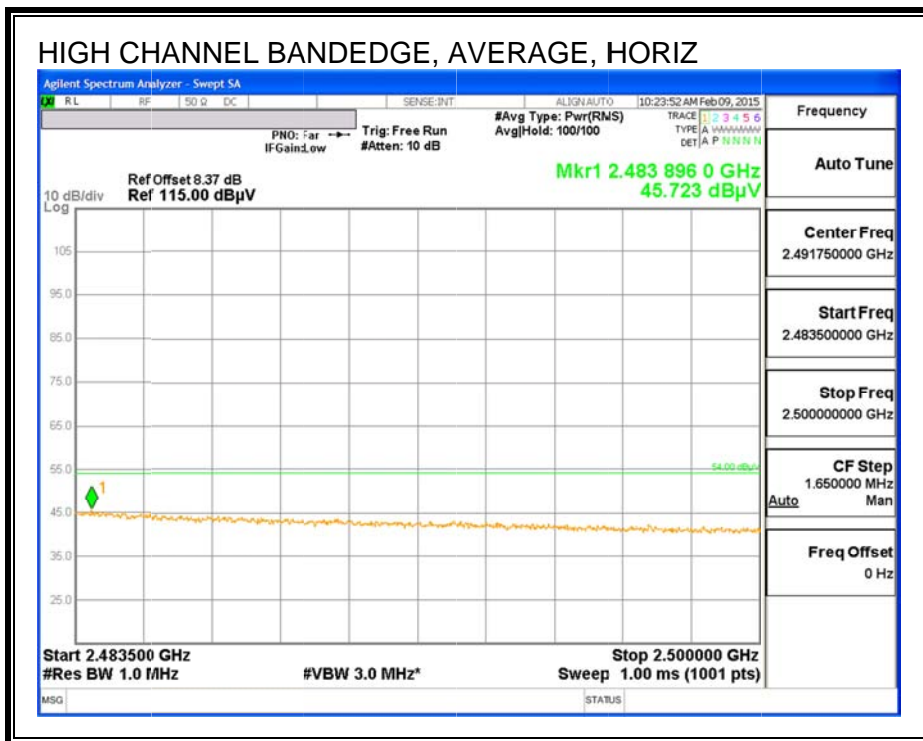
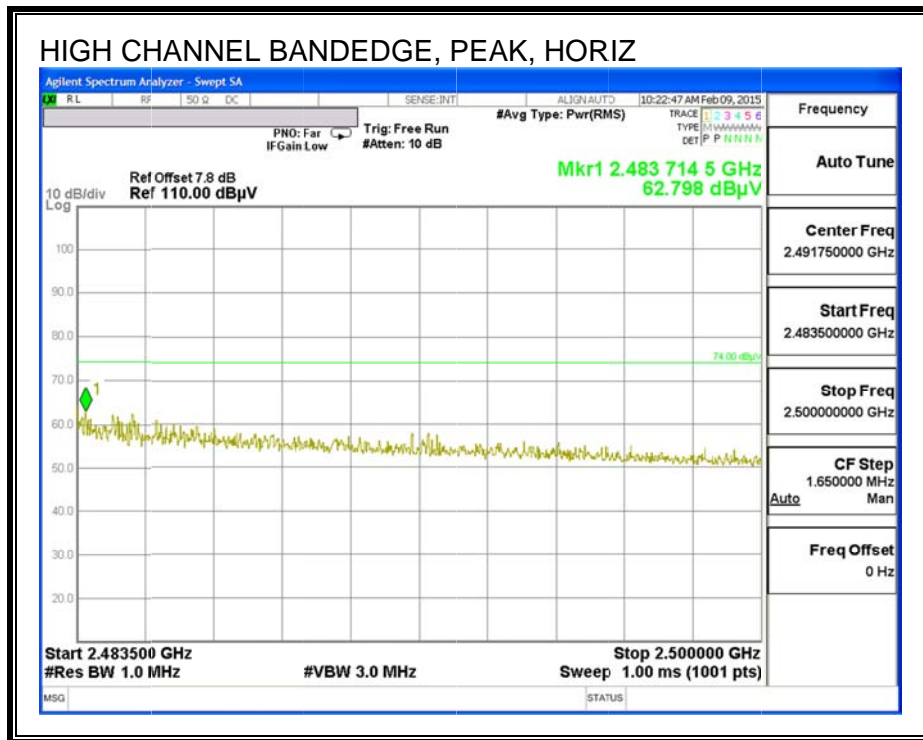


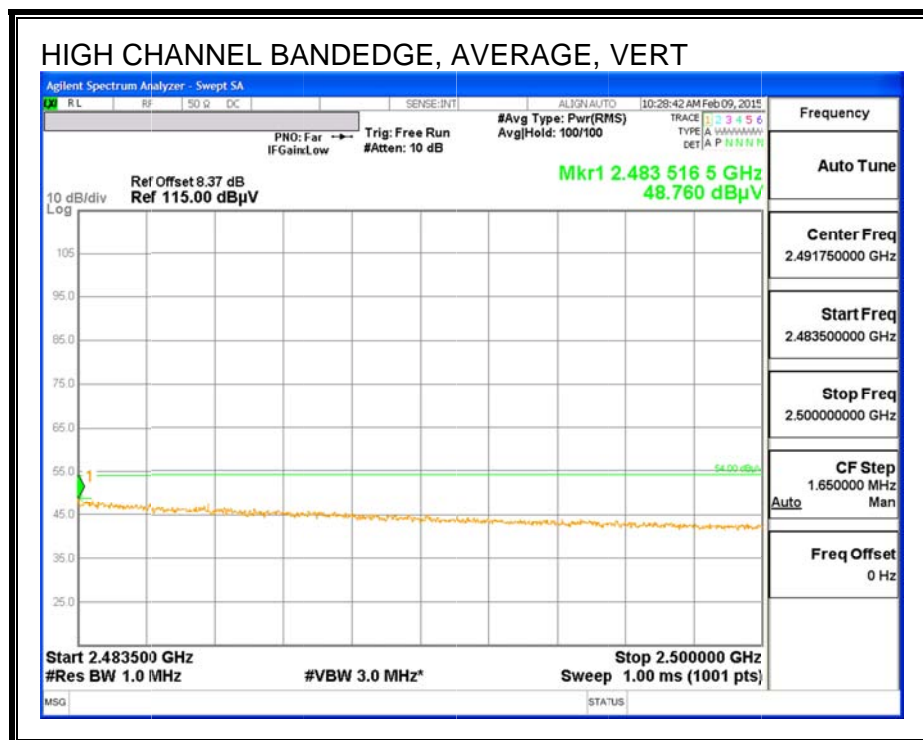
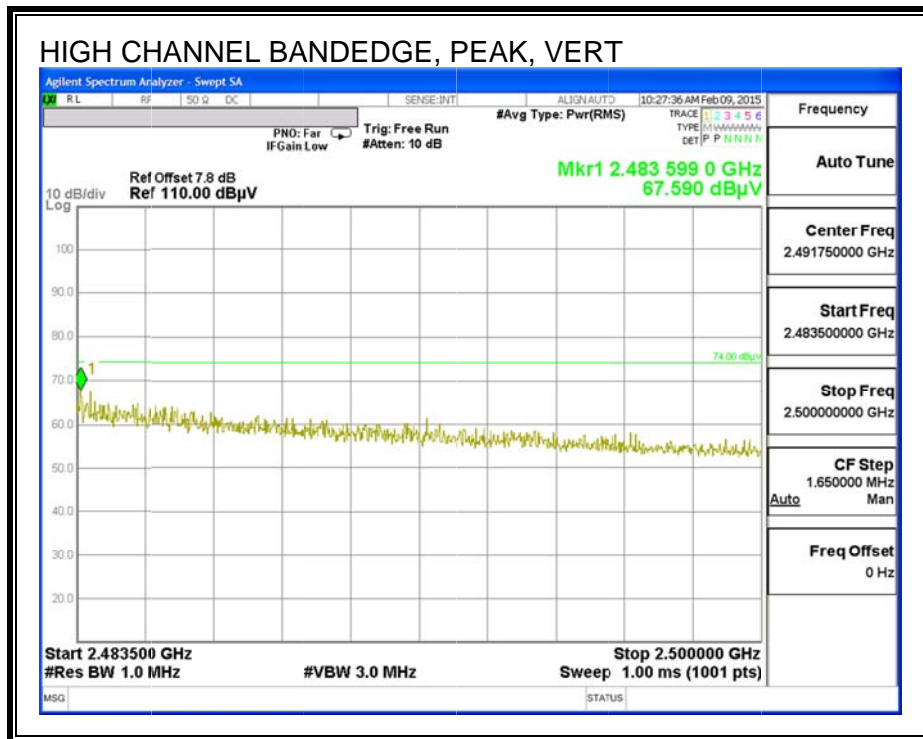
RESTRICTED BANDEDGE (LOW CHANNEL, Channel 2)



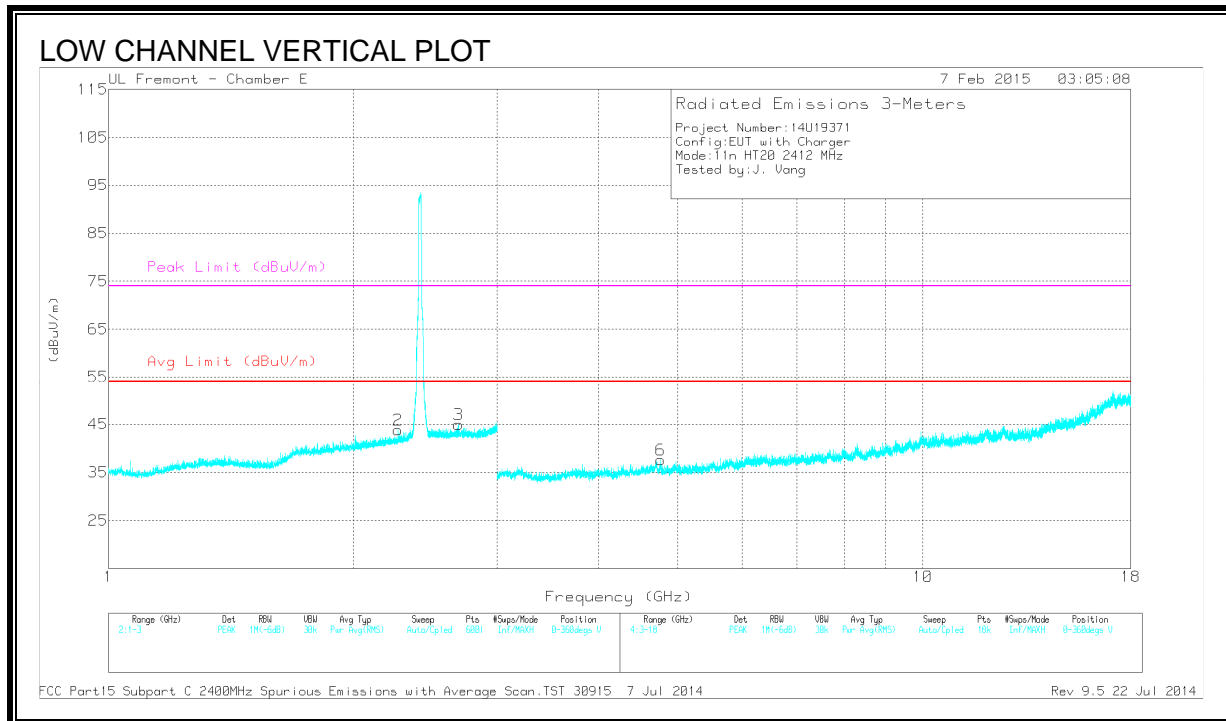
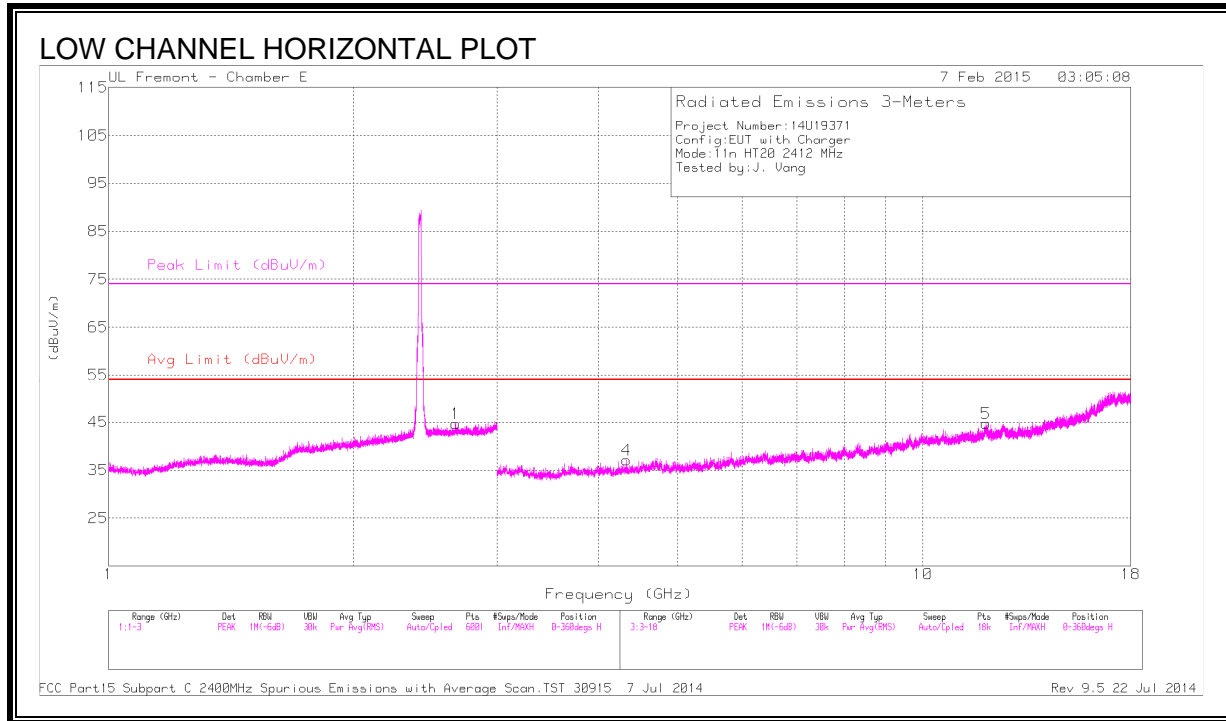


AUTHORIZED BANDEDGE (HIGH CHANNEL, Channel 10)





HARMONICS AND SPURIOUS EMISSIONS, CH 1



DATA

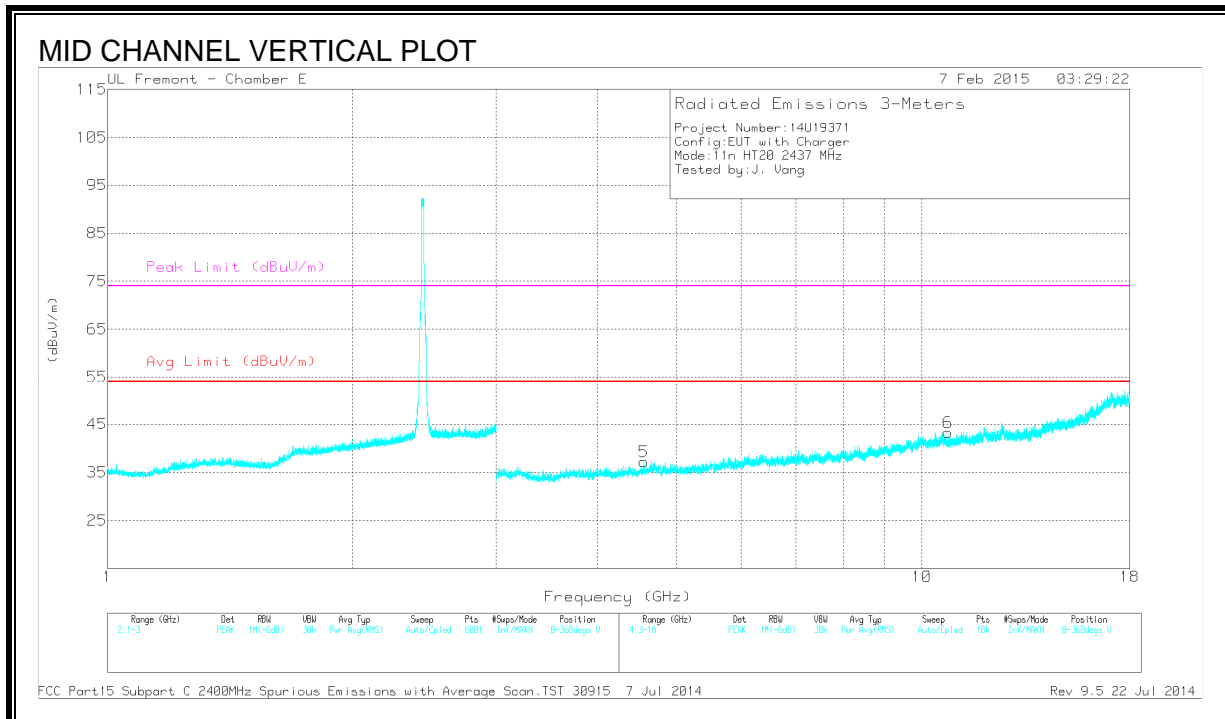
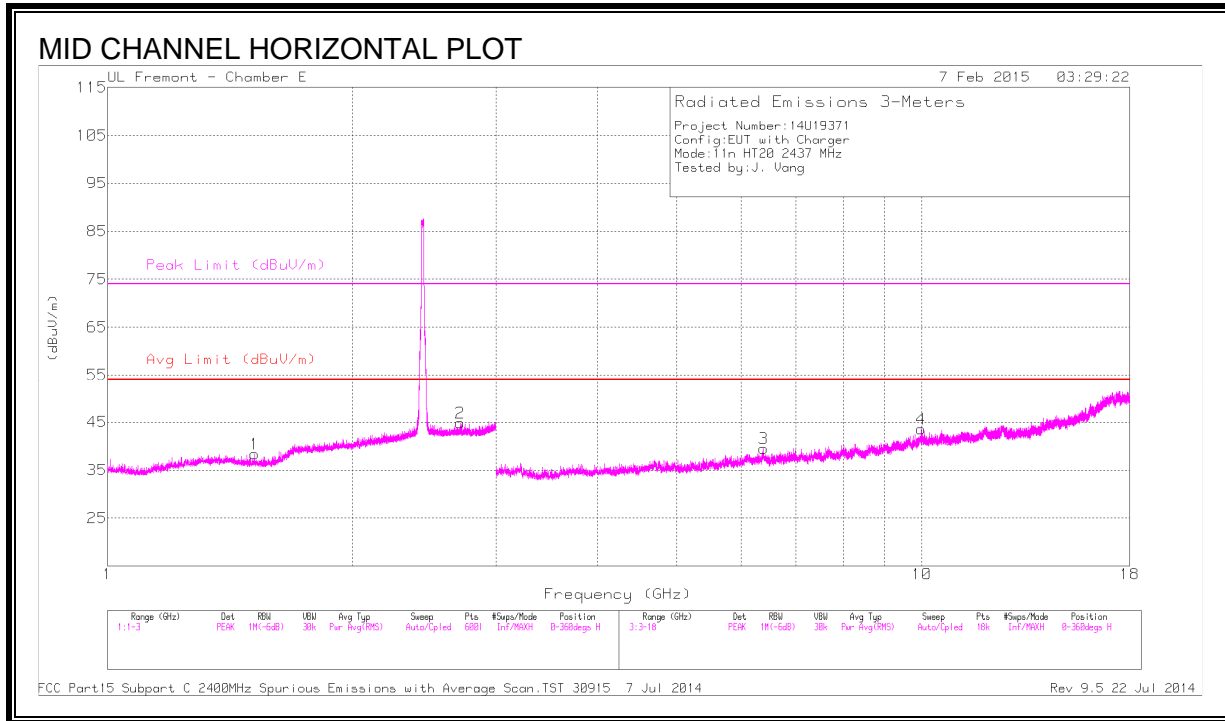
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.669	43.15	PK2	32.0	-23.9	0	51.25	-	-	74	-22.75	0	101	H
	* 2.667	32.09	MAv1	32.0	-23.9	.61	40.80	54	-13.2	-	-	0	101	H
2	* 2.269	43.98	PK2	31.6	-25.1	0	50.48	-	-	74	-23.52	58	200	V
	* 2.269	31.99	MAv1	31.6	-25.1	.61	39.10	54	-14.9	-	-	58	200	V
3	* 2.689	43.88	PK2	32.0	-23.9	0	51.98	-	-	74	-22.02	226	200	V
	* 2.688	31.57	MAv1	32.0	-23.9	.61	40.28	54	-13.72	-	-	226	200	V
4	* 4.328	41.54	PK2	33.4	-30.4	0	44.54	-	-	74	-29.46	322	200	H
	* 4.329	29.32	MAv1	33.4	-30.4	.61	32.93	54	-21.07	-	-	322	200	H
5	* 11.961	36.88	PK2	38.1	-22.5	0	52.48	-	-	74	-21.52	360	101	H
	* 11.961	24.66	MAv1	38.1	-22.4	.61	40.97	54	-13.03	-	-	360	101	H
6	* 4.766	42.51	PK2	34.0	-31.1	0	45.41	-	-	74	-28.59	276	101	V
	* 4.766	30.82	MAv1	34.0	-31.1	.61	34.33	54	-19.67	-	-	276	101	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, CH 6



DATA

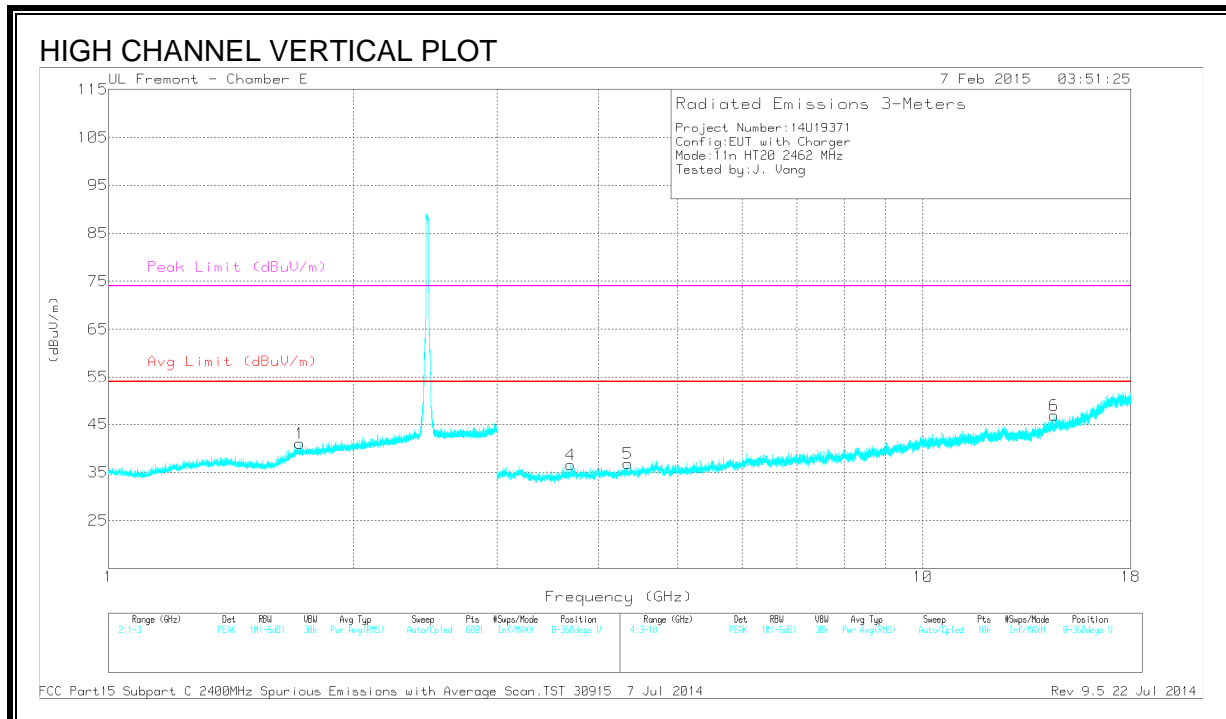
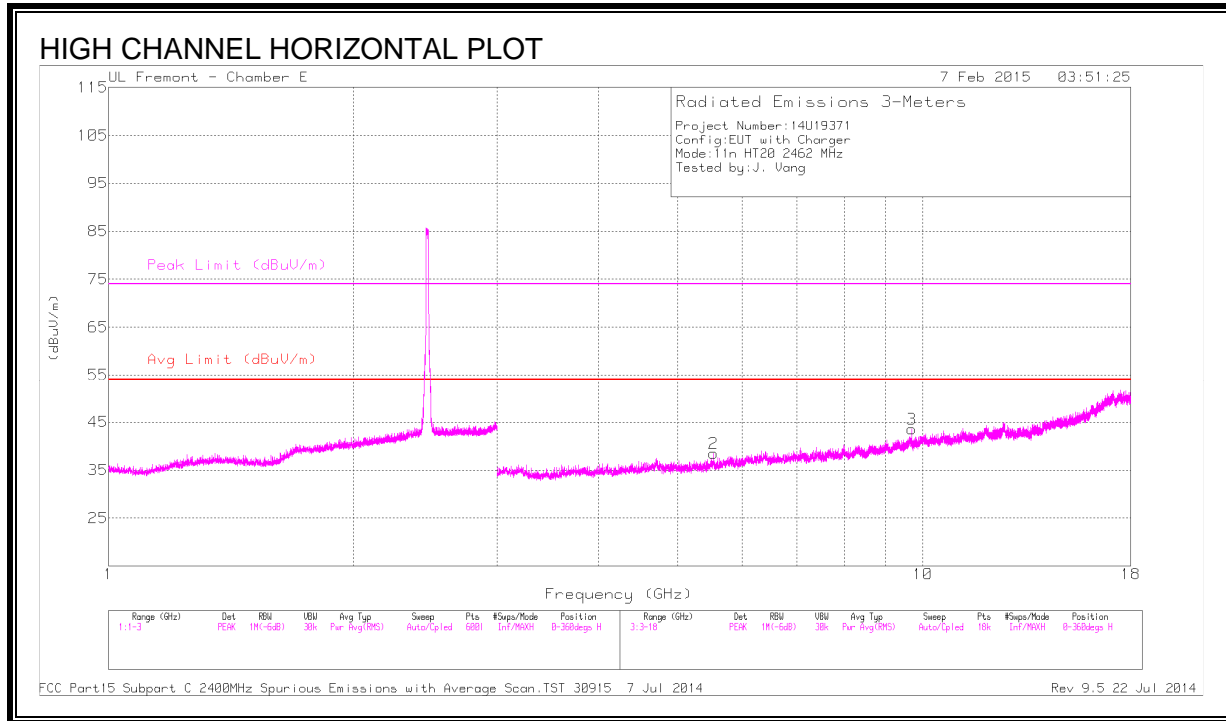
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.515	43.89	PK2	27.6	-26.3	0	45.19	-	-	74	-28.81	360	101	H
	* 1.515	32.52	MAv1	27.6	-26.3	.61	34.43	54	-19.57	-	-	360	101	H
2	* 2.709	43.39	PK2	32.0	-23.9	0	51.49	-	-	74	-22.51	311	200	H
	* 2.708	31.55	MAv1	32.0	-23.9	.61	40.26	54	-13.74	-	-	311	200	H
3	6.394	38.99	PK2	35.3	-28.2	0	46.09	-	-	-	-	311	200	H
4	9.982	36.67	PK2	37.4	-23.9	0	50.17	-	-	-	-	311	200	H
5	* 4.559	41.63	PK2	33.8	-31.0	0	44.43	-	-	74	-29.57	268	102	V
	* 4.559	30.02	MAv1	33.8	-31.0	.61	33.43	54	-20.57	-	-	268	102	V
6	* 10.767	36.19	PK2	37.2	-23.8	0	49.59	-	-	74	-24.41	346	102	V
	* 10.769	25.23	MAv1	37.2	-23.9	.61	39.14	54	-14.86	-	-	346	102	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, CH 11



DATA

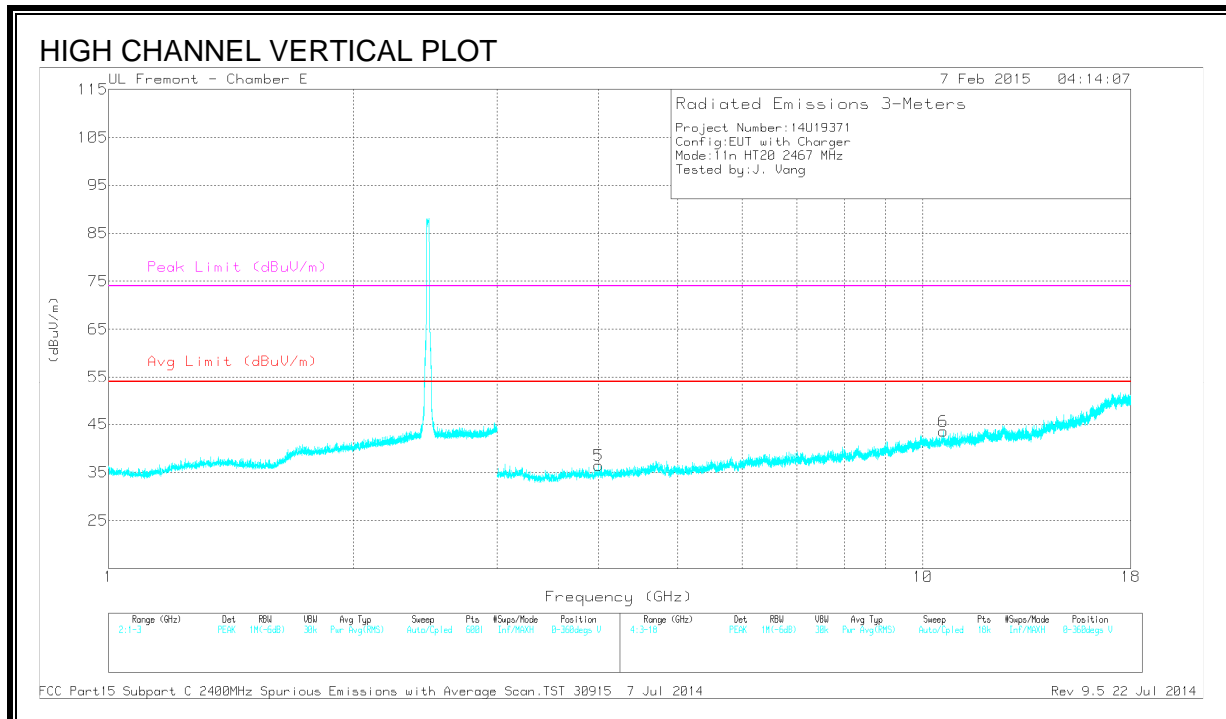
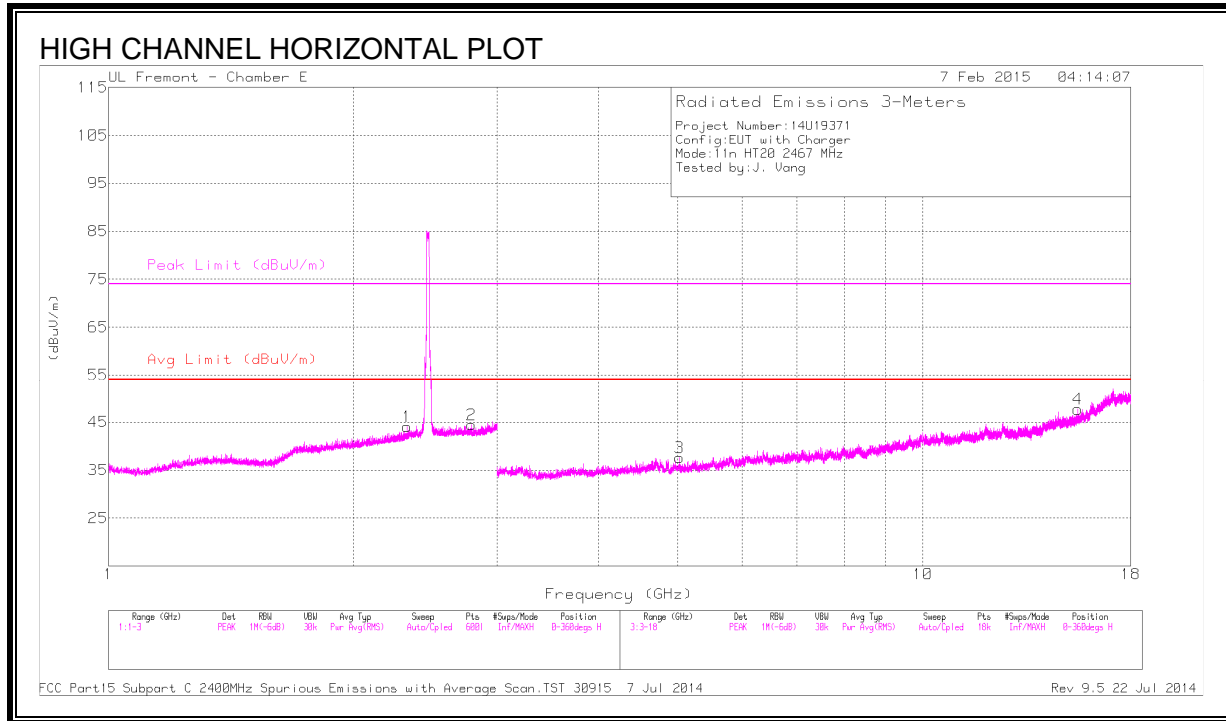
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.717	44.13	PK2	30.2	-26.2	0	48.13	-	-	-	-	360	101	V
2	5.530	29.37	MAv1	34.4	-30.0	.61	34.38	-	-	-	-	296	200	H
3	9.695	36.70	PK2	36.9	-24.5	0	49.10	-	-	-	-	348	200	H
4	* 3.696	41.01	PK2	33.0	-30.6	0	43.41	-	-	74	-30.59	198	101	V
	* 3.697	29.62	MAv1	33.0	-30.6	.61	32.63	54	-21.37	-	-	198	101	V
5	* 4.341	40.27	PK2	33.5	-30.5	0	43.27	-	-	74	-30.73	360	200	V
	* 4.341	29.12	MAv1	33.5	-30.5	.61	32.73	54	-21.27	-	-	360	200	V
6	* 14.481	38.60	PK2	39.6	-25.1	0	53.10	-	-	74	-20.90	229	102	V
	* 14.479	26.90	MAv1	39.6	-25.2	.61	41.91	54	-12.09	-	-	229	102	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, CH 12



DATA

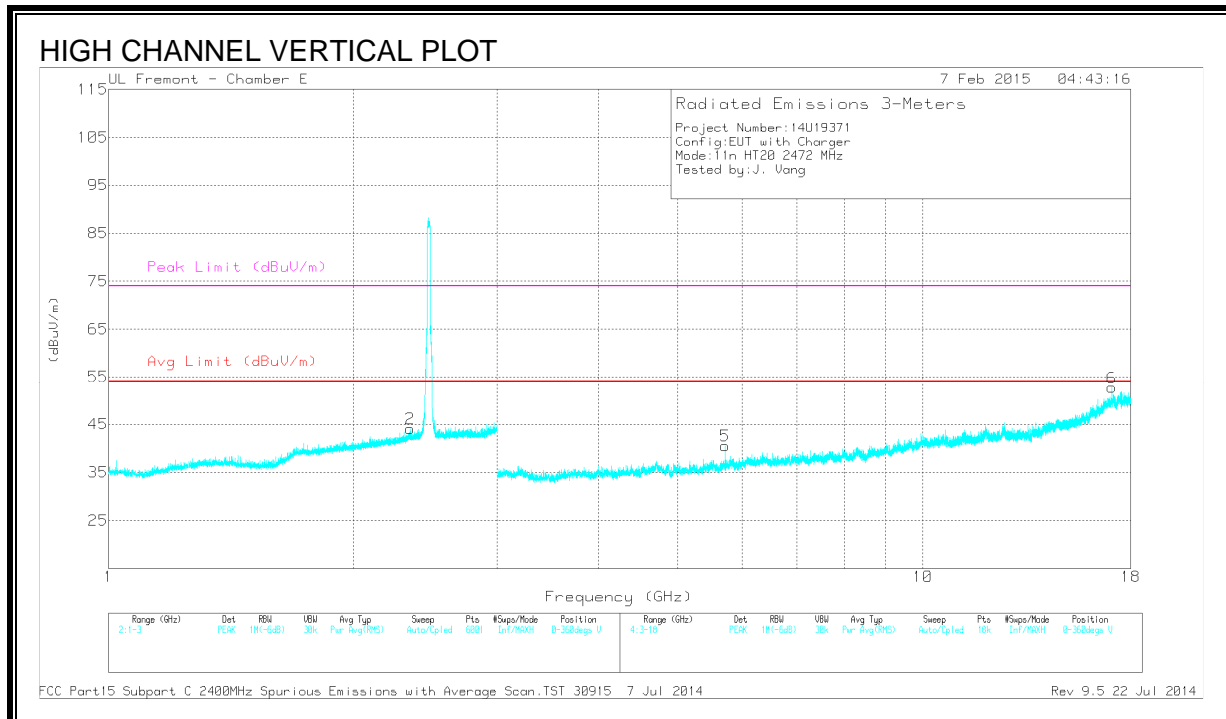
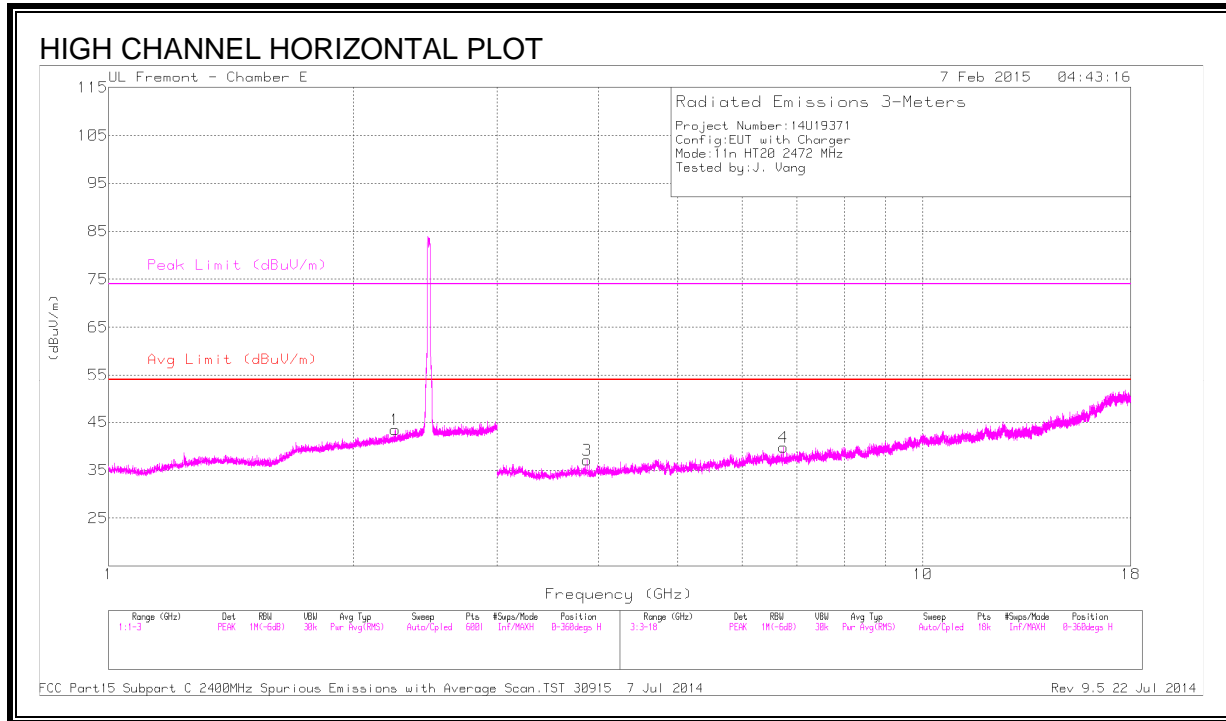
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.326	43.47	PK2	31.9	-25.0	0	50.37	-	-	74	-23.63	360	101	H
	* 2.327	32.33	MAv1	31.9	-25.0	.61	39.84	54	-14.16	-	-	360	101	H
2	* 2.791	43.59	PK2	32.0	-24.1	0	51.49	-	-	74	-22.51	284	200	H
	* 2.794	31.61	MAv1	32.0	-24.1	.61	40.12	54	-13.88	-	-	284	200	H
3	* 5.024	40.36	PK2	33.9	-30.4	0	43.86	-	-	74	-30.14	228	102	H
	* 5.025	29.05	MAv1	33.9	-30.4	.61	33.16	54	-20.84	-	-	228	102	H
4	* 15.499	37.73	PK2	39.9	-22.7	0	54.93	-	-	74	-19.07	285	200	H
	* 15.497	25.77	MAv1	39.9	-22.6	.61	43.68	54	-10.32	-	-	285	200	H
5	* 3.995	40.82	PK2	33.1	-30.7	0	43.22	-	-	74	-30.78	308	102	V
	* 3.994	29.84	MAv1	33.1	-30.7	.61	32.85	54	-21.15	-	-	308	102	V
6	10.597	37.70	PK2	37.3	-23.2	0	51.80	-	-	-	-	308	102	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, CH 13



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.250	43.40	PK2	31.6	-25.3	0	49.70	-	-	74	-24.30	0	101	H
	* 2.250	32.34	MAV1	31.6	-25.3	.61	39.25	54	-14.75	-	-	0	101	H
2	* 2.348	44.11	PK2	32.0	-24.7	0	51.41	-	-	74	-22.59	123	200	V
	* 2.346	31.90	MAV1	32.0	-24.7	.61	39.81	54	-14.19	-	-	123	200	V
3	* 3.868	42.96	PK2	33.1	-31.7	0	44.36	-	-	74	-29.64	269	102	H
	* 3.869	30.51	MAV1	33.1	-31.7	.61	32.52	54	-21.48	-	-	269	102	H
4	6.742	39.24	PK2	35.2	-28.5	0	45.94	-	-	-	-	324	102	H
5	5.716	39.19	PK2	34.5	-29.4	0	44.29	-	-	-	-	315	200	V
6	17.071	34.84	PK2	43.0	-19.8	0	58.04	-	-	-	-	360	200	V

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

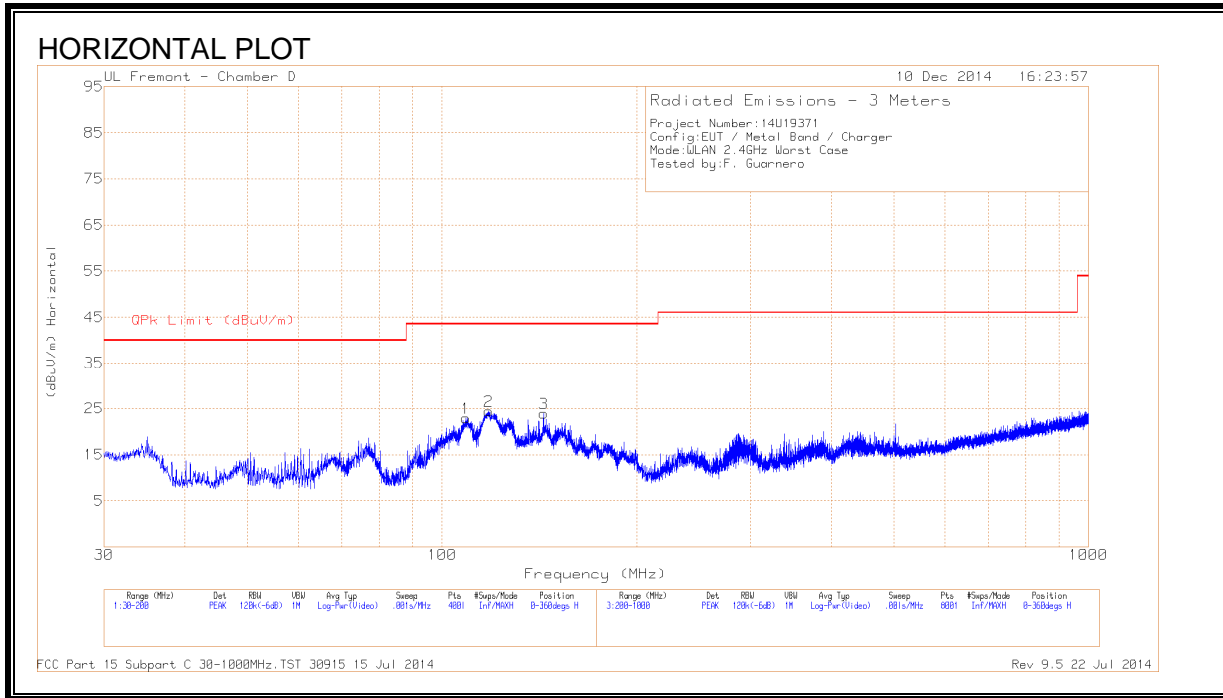
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

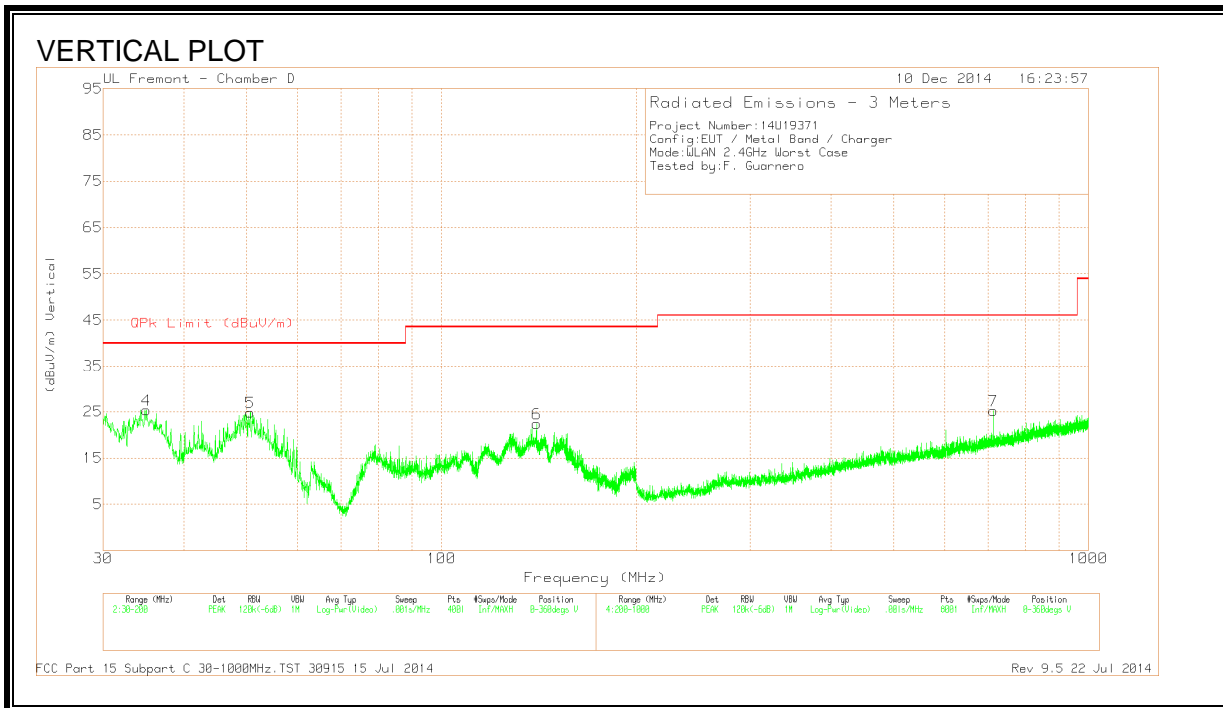
10.5. WORST-CASE BELOW 1 GHz

A1554 ANTENNA 1

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



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



HORIZONTAL & VERTICAL DATA

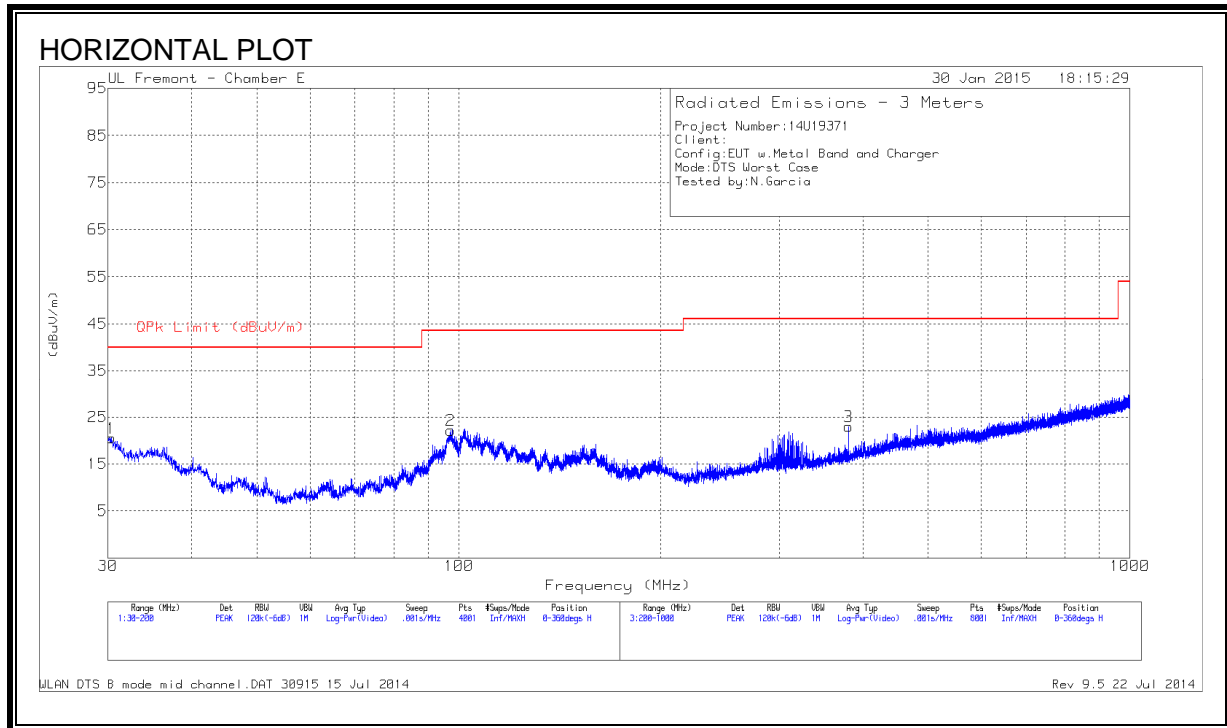
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Hybrid	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 108.7525	41.71	PK	12.5	-31.3	22.91	43.52	-20.61	0-360	301	H
2	* 117.975	41.91	PK	13.7	-31.2	24.41	43.52	-19.11	0-360	301	H
3	143.645	42.21	PK	12.8	-31.1	23.91	43.52	-19.61	0-360	201	H
4	34.9725	39.50	PK	17.7	-31.8	25.40	40.00	-14.60	0-360	100	V
5	50.6125	48.91	PK	7.7	-31.8	24.81	40.00	-15.19	0-360	100	V
6	140.330	40.60	PK	13.0	-31.2	22.40	43.52	-21.12	0-360	100	V
7	713.000	34.11	PK	20.4	-29.3	25.21	46.02	-20.81	0-360	301	V

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

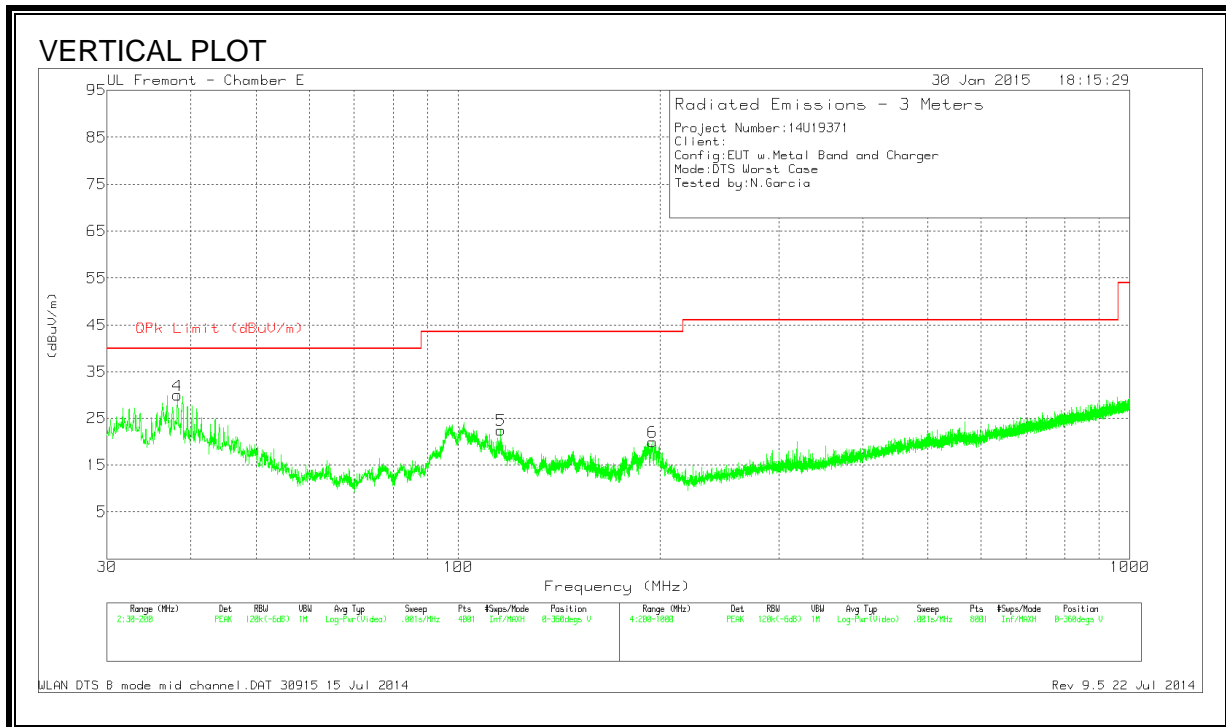
PK - Peak detector

A1554 ANTENNA 2

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



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



HORIZONTAL & VERTICAL DATA

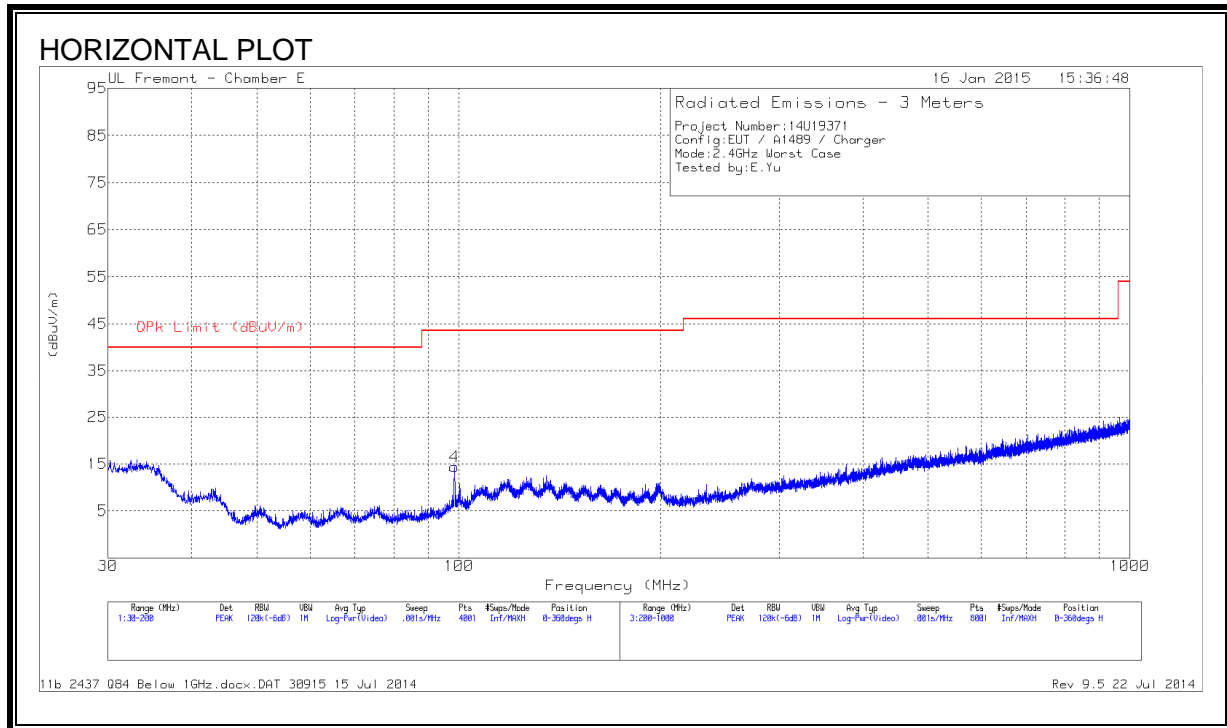
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Hybrid	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.340	27.55	PK	23.9	-30.9	20.55	40.00	-19.45	0-360	301	H
2	97.235	40.23	PK	12.1	-30.2	22.13	43.52	-21.39	0-360	301	H
3	381.000	33.04	PK	18.0	-28.1	22.94	46.02	-23.08	0-360	100	H
4	* 38.2025	42.18	PK	18.5	-30.8	29.88	40.00	-10.12	0-360	100	V
5	* 115.7225	36.20	PK	16.2	-30.0	22.40	43.52	-21.12	0-360	100	V
6	194.730	34.49	PK	14.7	-29.3	19.89	43.52	-23.63	0-360	100	V

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

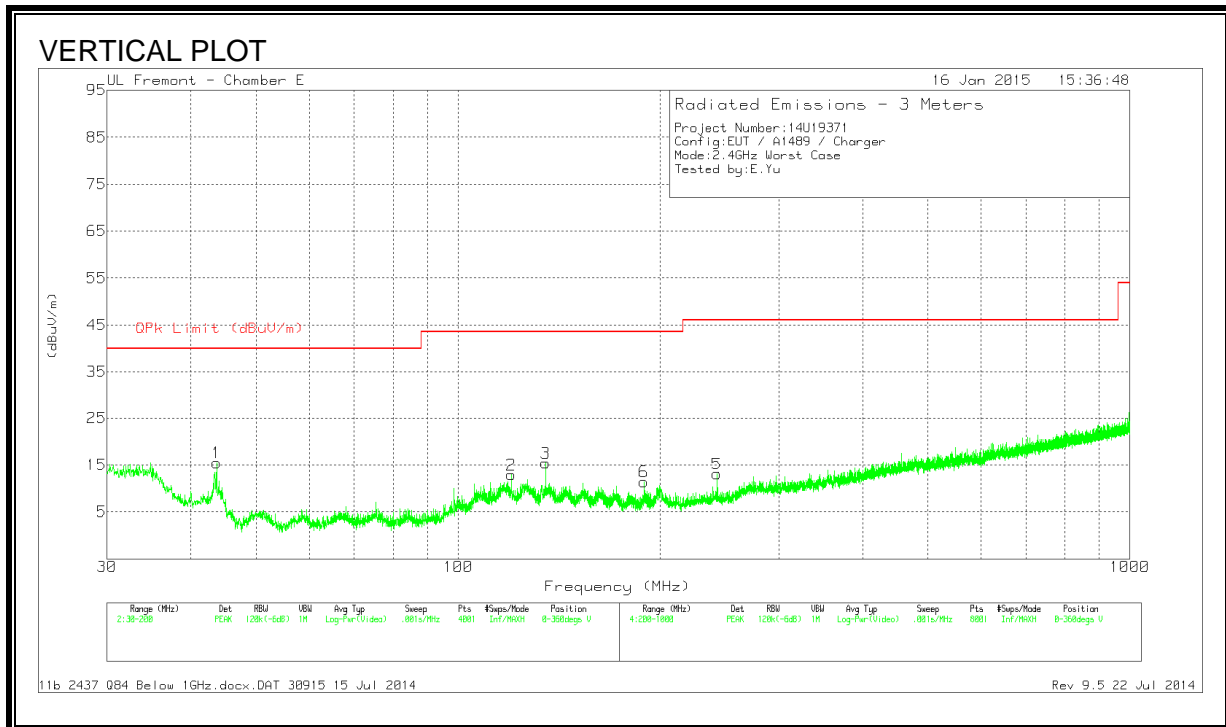
PK - Peak detector

A1638

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



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



HORIZONTAL & VERTICAL DATA

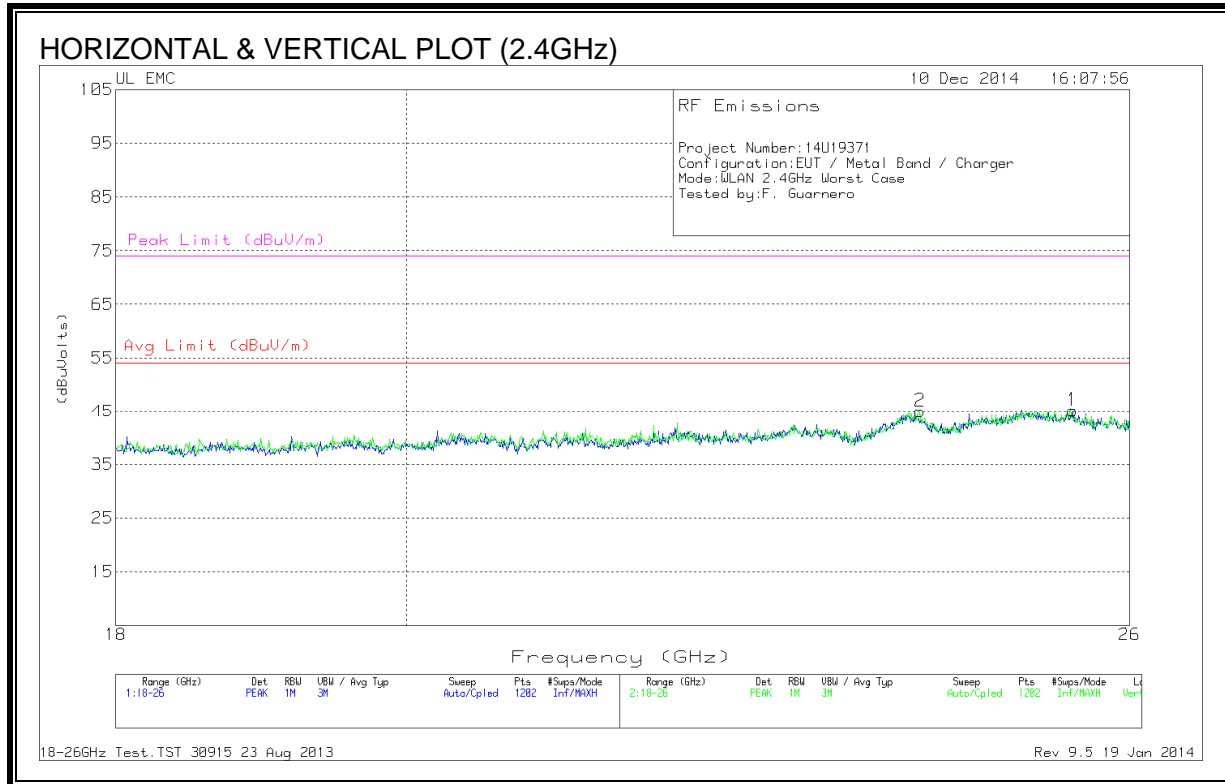
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T477 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	43.685	36.07	PK	11.1	-31.7	15.47	40.00	-24.53	0-360	100	V
2	* 119.9725	30.41	PK	13.7	-31.2	12.91	43.52	-30.61	0-360	100	V
3	* 135.0175	33.11	PK	13.4	-31.1	15.41	43.52	-28.11	0-360	100	V
4	98.510	35.89	PK	9.9	-31.4	14.39	43.52	-29.13	0-360	301	H
5	* 242.900	32.01	PK	11.6	-30.5	13.11	46.02	-32.91	0-360	99	V
6	189.035	30.92	PK	11.3	-30.8	11.42	43.52	-32.10	0-360	100	V

* - indicates frequency

10.6. WORST-CASE 18 to 26 GHz

A1554 ANTENNA 1

SPURIOUS EMISSIONS 18000 TO 26000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)



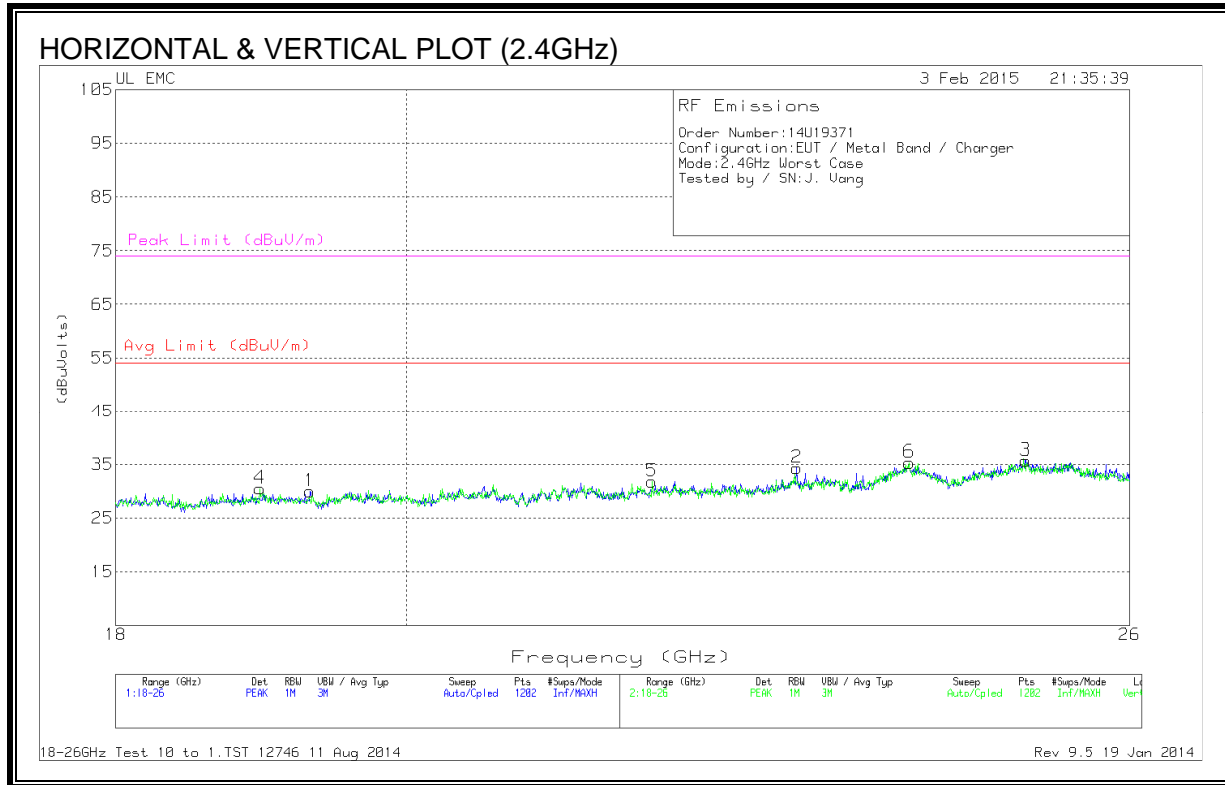
HORIZONTAL & VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T125 (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	25.467	43.17	PK	34.1	-22.6	-9.5	45.17	54	-8.83	74	-28.83
2	24.095	43.70	PK	33.9	-23.1	-9.5	45.00	54	-9.00	74	-29.00

PK - Peak detector

A1554 ANTENNA 2

SPURIOUS EMISSIONS 18000 TO 26000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)



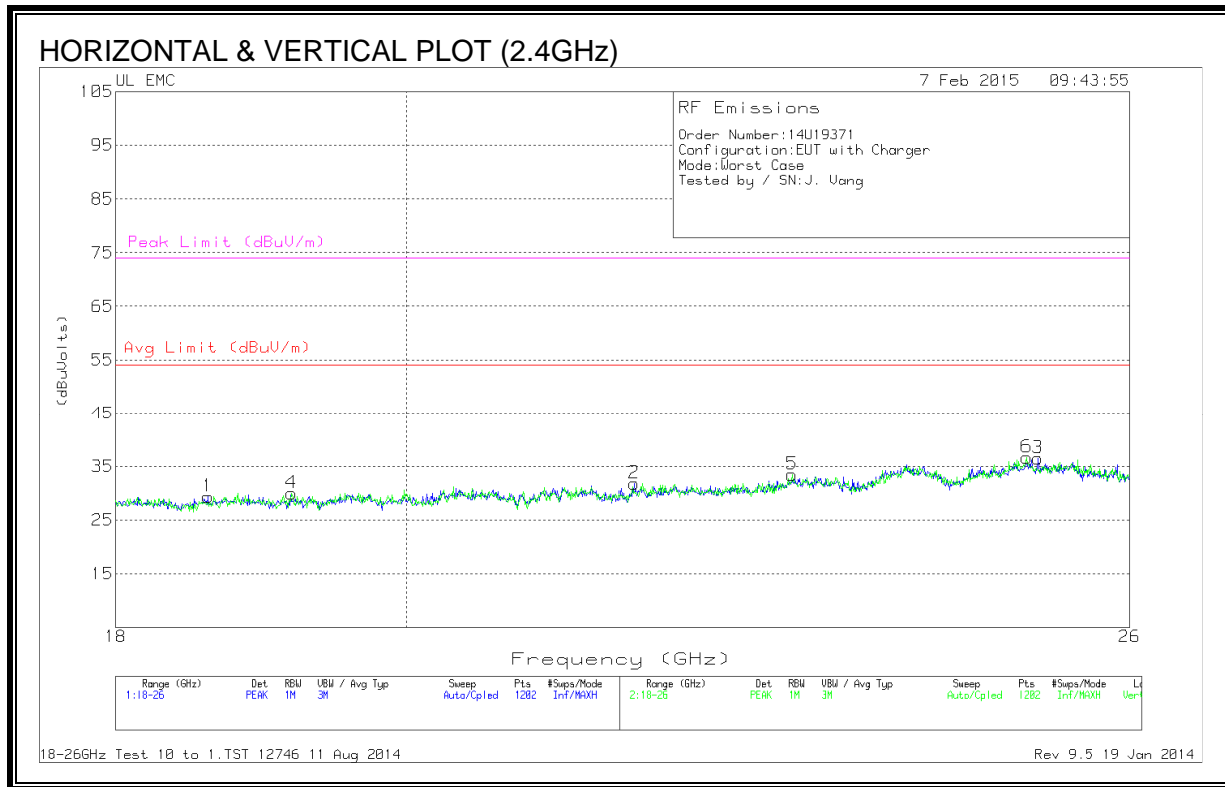
HORIZONTAL & VERTICAL DATA

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	19.312	41.00	PK	32.8	-23.8	-20	30.00	54	-24.00	74	-44.00
2	23.042	43.63	PK	34.0	-23.3	-20	34.33	54	-19.66	74	-39.66
3	25.037	43.87	PK	34.5	-22.7	-20	35.66	54	-18.33	74	-38.33
4	18.966	42.10	PK	32.9	-24.5	-20	30.50	54	-23.50	74	-43.50
5	21.863	41.83	PK	33.7	-23.7	-20	31.83	54	-22.16	74	-42.16
6	24.002	43.83	PK	34.2	-22.7	-20	35.33	54	-18.66	74	-38.66

PK - Peak detector

A1638

SPURIOUS EMISSIONS 18000 TO 26000 MHz (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	18.613	41.03	PK	32.6	-24.3	-20	29.3	54	-24.6	74	-44.60
2	21.724	41.83	PK	33.6	-23.6	-20	31.8	54	-22.1	74	-42.10
3	25.147	44.80	PK	34.5	-22.8	-20	36.5	54	-17.5	74	-37.50
4	19.186	40.60	PK	32.9	-23.5	-20	30.0	54	-24.0	74	-44.00
5	23.002	42.70	PK	34.0	-23.2	-20	33.5	54	-20.5	74	-40.50
6	25.047	44.77	PK	34.5	-22.6	-20	36.6	54	-17.3	74	-37.30

PK - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	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 C63.4-2009

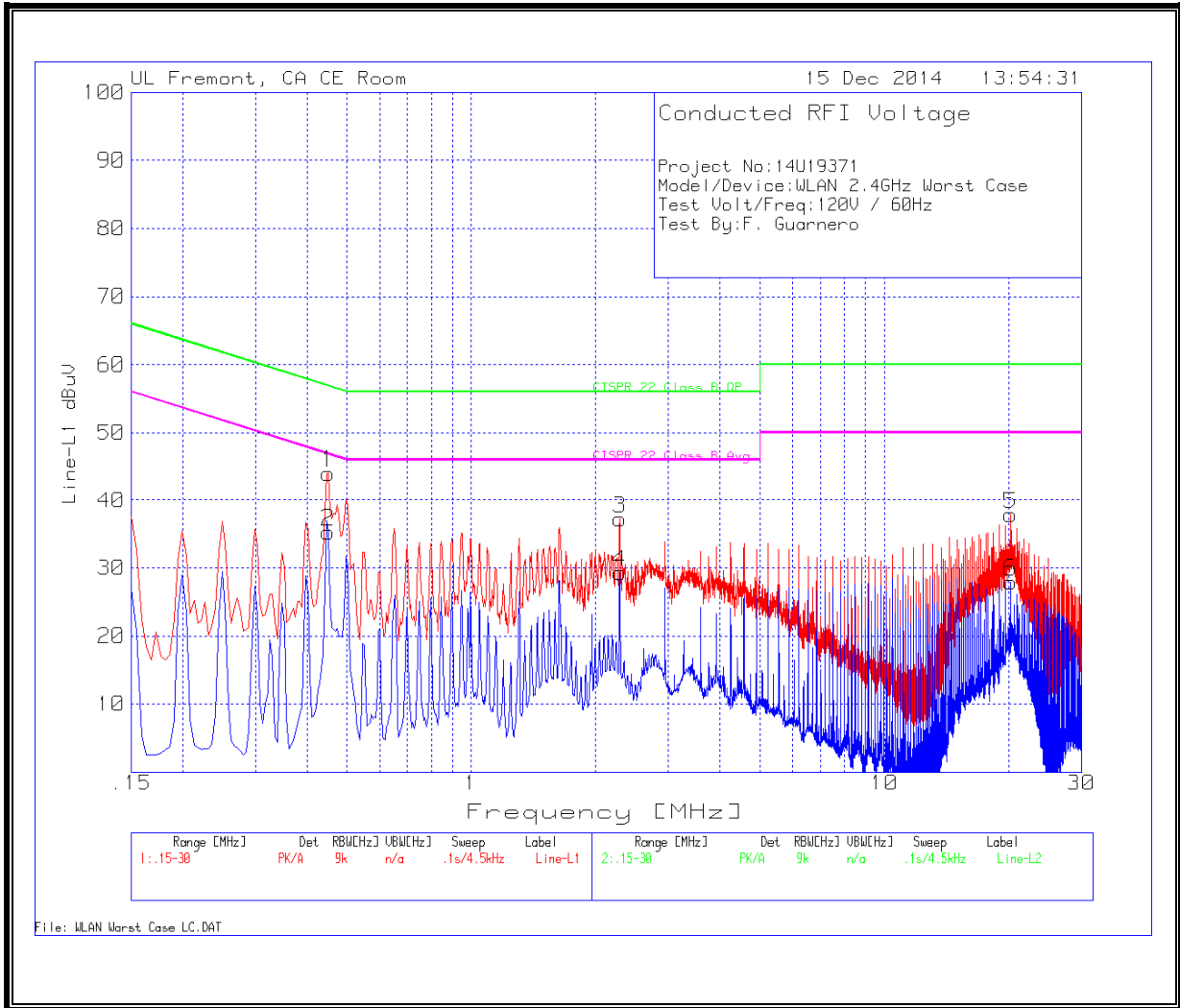
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

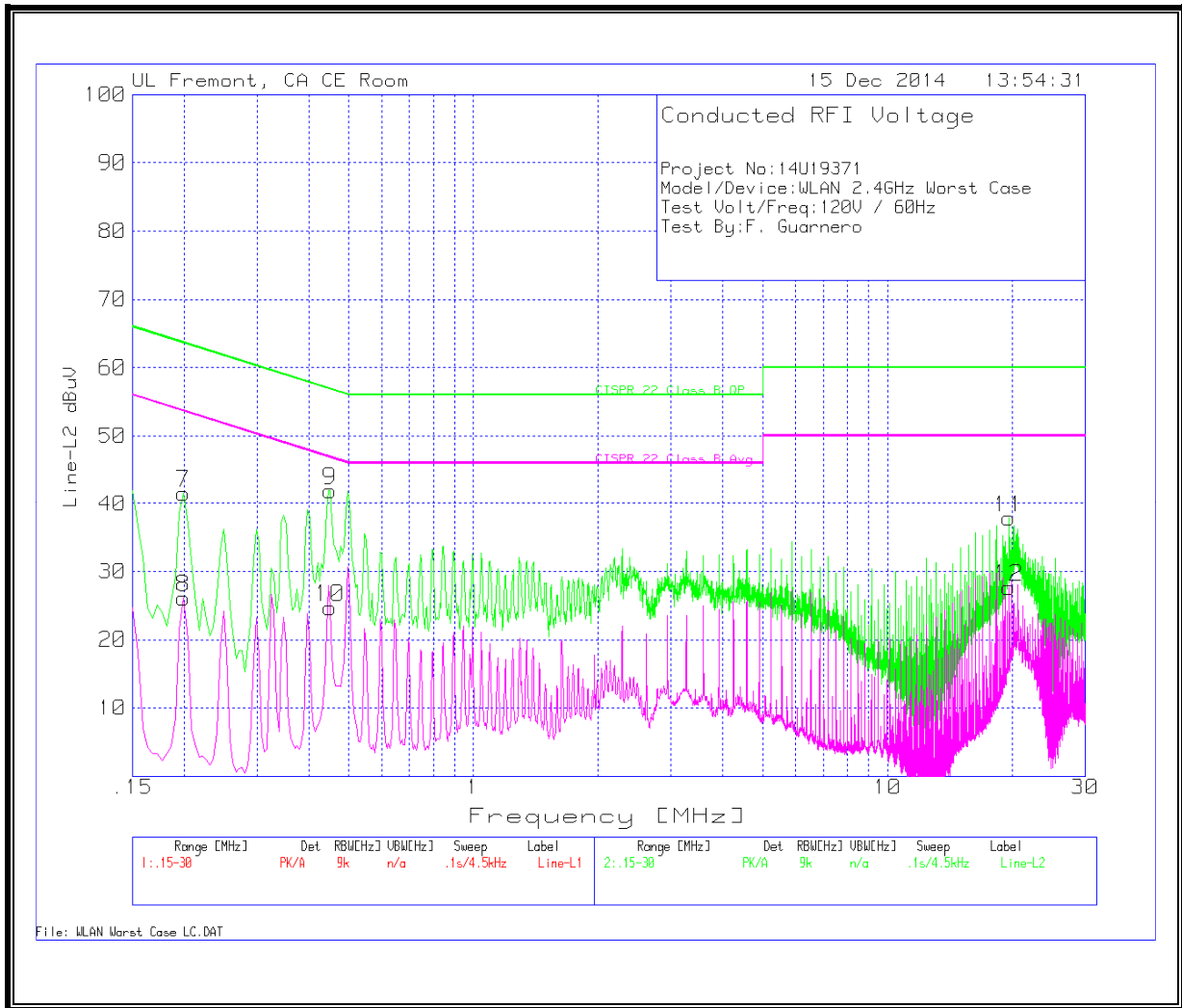
RESULTS

11.1. AC POWER LINE CONDUCTED EMISSIONS A1554 ANTENNA 1

LINE 1 PLOT



LINE 2 PLOT



WORST EMISSIONS DATA

Line-L1 .15 - 30MHz

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1 (dB)	LC Cables 1&3 (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin to Limit (dB)	CISPR 22 Class B Avg	Margin to Limit (dB)
1	.4515	43.69	PK	.4	0	44.09	56.8	-12.71	-	-
2	.4515	34.93	Av	.4	0	35.33	-	-	46.8	-11.47
3	2.2875	36.89	PK	.2	.1	37.19	56.0	-18.81	-	-
4	2.2875	28.99	Av	.2	.1	29.29	-	-	46.0	-16.71
5	20.247	37.40	PK	.3	.2	37.90	60.0	-22.10	-	-
6	20.247	27.47	Av	.3	.2	27.97	-	-	50.0	-22.03

LINE 2 RESULTS

Line-L2 .15 - 30MHz

Trace Markers

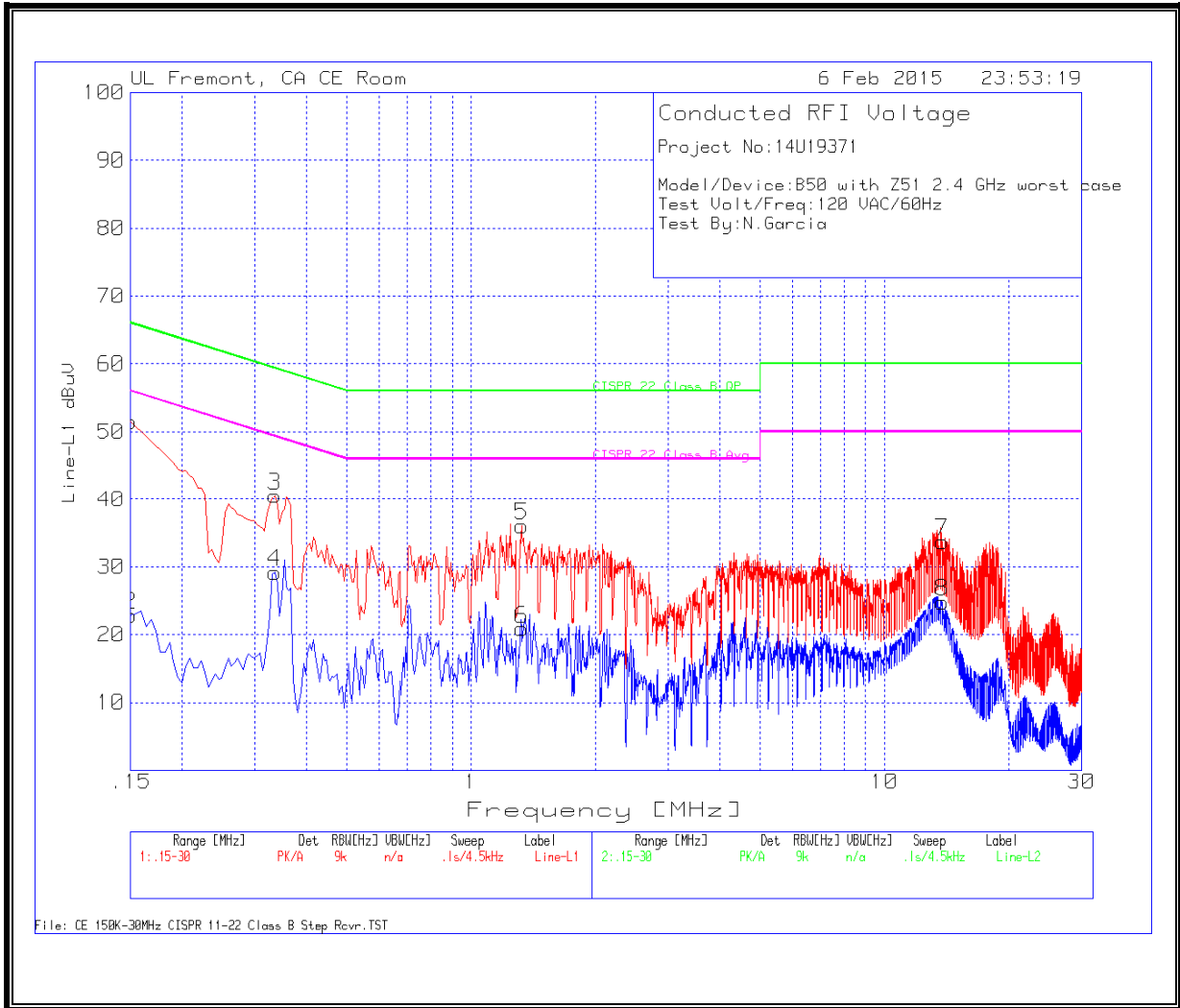
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2 (dB)	LC Cables 2&3 (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin to Limit (dB)	CISPR 22 Class B Avg	Margin to Limit (dB)
7	.1995	40.62	PK	1	0	41.62	63.6	-21.98	-	-
8	.1995	25.09	Av	1	0	26.09	-	-	53.6	-27.51
9	.4515	41.61	PK	.4	0	42.01	56.8	-14.79	-	-
10	.4515	24.30	Av	.4	0	24.70	-	-	46.8	-22.10
11	19.59	37.37	PK	.3	.2	37.87	60.0	-22.13	-	-
12	19.59	27.20	Av	.3	.2	27.70	-	-	50.0	-22.30

PK - Peak detector

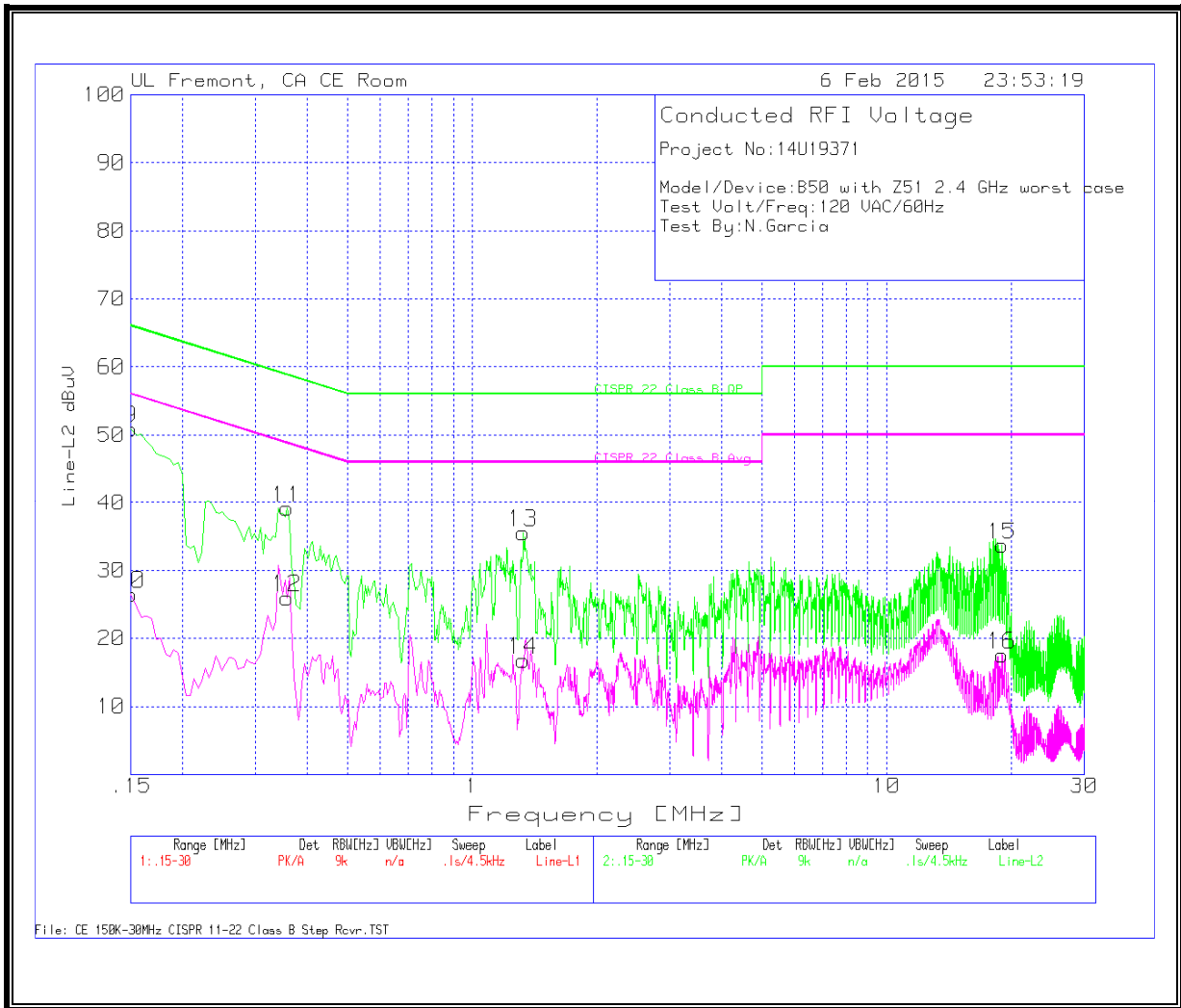
Av - average detection

11.2. AC POWER LINE CONDUCTED EMISSIONS A1638

LINE 1 PLOT



LINE 2 PLOT



WORST EMISSIONS DATA

Line-L1 .15 - 30MHz

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1 (dB)	LC Cables 1&3 (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin to Limit (dB)	CISPR 22 Class B Avg	Margin to Limit (dB)
1	.1500	50.19	PK	1.4	0	51.59	66.0	-14.41	-	-
2	.1500	21.44	Av	1.4	0	22.84	-	-	56.0	-33.16
3	.3345	40.06	PK	.5	0	40.56	59.3	-18.74	-	-
4	.3345	28.72	Av	.5	0	29.22	-	-	49.3	-20.08
5	1.3245	35.69	PK	.2	.1	35.99	56.0	-20.01	-	-
6	1.3245	20.56	Av	.2	.1	20.86	-	-	46.0	-25.14
7	13.794	33.32	PK	.2	.2	33.72	60.0	-26.28	-	-
8	13.794	24.36	Av	.2	.2	24.76	-	-	50.0	-25.24

Line-L2 .15 - 30MHz

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2 (dB)	LC Cables 2&3 (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin to Limit (dB)	CISPR 22 Class B Avg	Margin to Limit (dB)
9	.1500	49.41	PK	1.5	0	50.91	66.0	-15.09	-	-
10	.1500	24.97	Av	1.5	0	26.47	-	-	56.0	-29.53
11	.3570	38.69	PK	.5	0	39.19	58.8	-19.61	-	-
12	.3570	25.44	Av	.5	0	25.94	-	-	48.8	-22.86
13	1.329	35.21	PK	.2	.1	35.51	56.0	-20.49	-	-
14	1.329	16.52	Av	.2	.1	16.82	-	-	46.0	-29.18
15	19.0095	33.16	PK	.3	.2	33.66	60.0	-26.34	-	-
16	19.0095	17.08	Av	.3	.2	17.58	-	-	50.0	-32.42

PK - Peak detector

Av - average detection