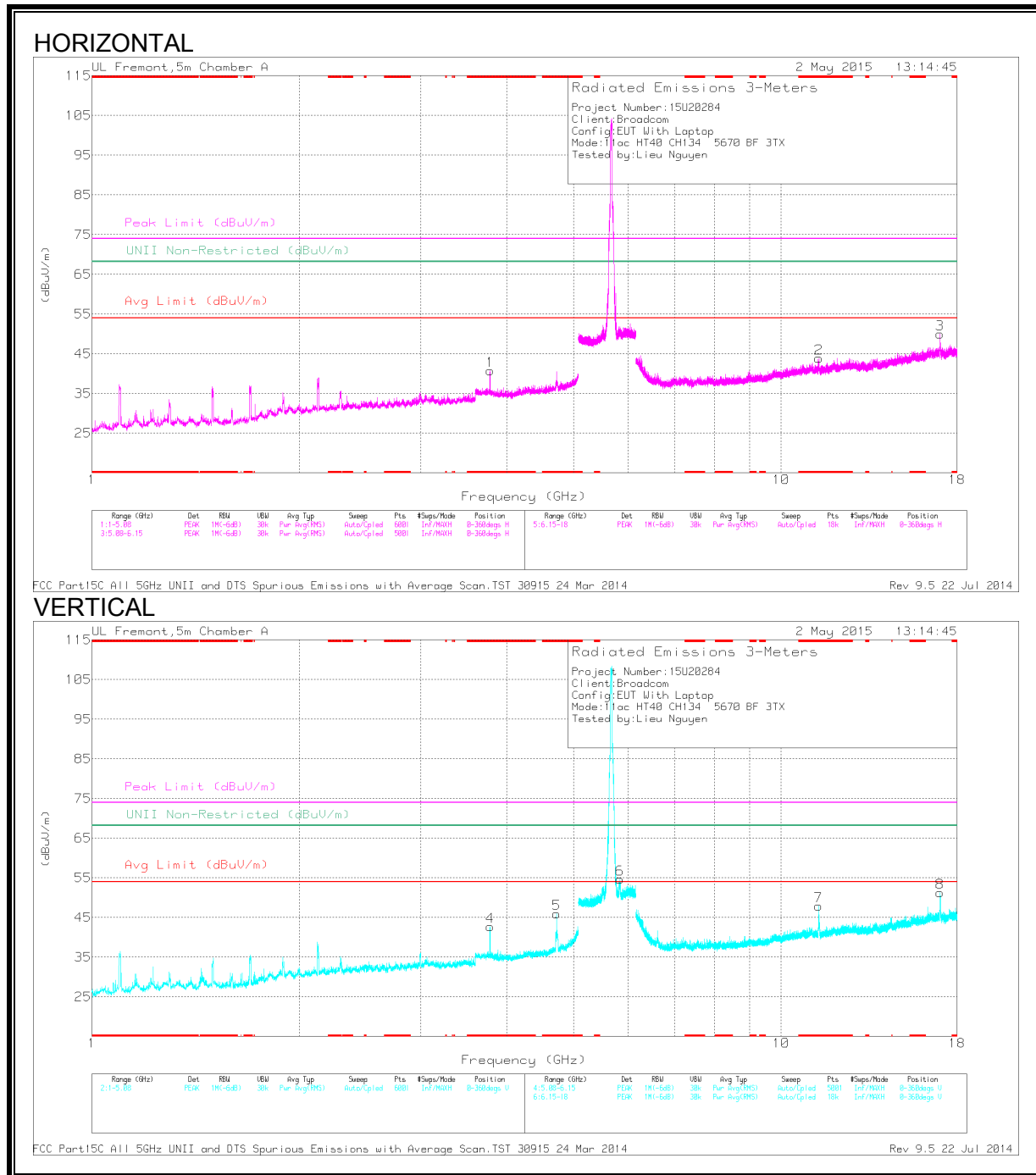


**HIGH CHANNEL**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.78	45.37	PK1	33.4	-32.1	0	46.67	-	-	74	-27.33	-	-	285	171	H
	* 3.78	36.83	AD1	33.4	-32.1	.82	38.95	54	-15.05	-	-	-	-	285	171	H
4	* 3.78	46.58	PK1	33.4	-32.1	0	47.88	-	-	74	-26.12	-	-	35	154	V
	* 3.78	40.31	AD1	33.4	-32.1	.82	42.43	54	-11.57	-	-	-	-	35	154	V
5	* 4.725	49.18	PK1	34.1	-31	0	52.28	-	-	74	-21.72	-	-	289	156	V
	* 4.725	42.69	AD1	34.1	-31	.82	46.61	54	-7.39	-	-	-	-	289	156	V
2	* 11.341	43.04	PK1	37.8	-23	0	57.84	-	-	74	-16.16	-	-	345	324	H
	* 11.341	27.91	AD1	37.8	-23	.82	43.53	54	-10.47	-	-	-	-	345	324	H
7	* 11.341	44.35	PK1	37.8	-23	0	59.15	-	-	74	-14.85	-	-	192	318	V
	* 11.341	29.88	AD1	37.8	-23	.82	45.5	54	-8.5	-	-	-	-	192	318	V
6	5.834	49.38	PK1	35	-20.4	0	63.98	-	-	-	-	68.2	-4.22	284	100	V
3	17.004	42.5	PK1	41.4	-23.6	0	60.3	-	-	-	-	68.2	-7.9	166	316	V
8	17.007	41.24	PK1	41.4	-23.7	0	58.94	-	-	-	-	68.2	-9.26	354	184	H

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

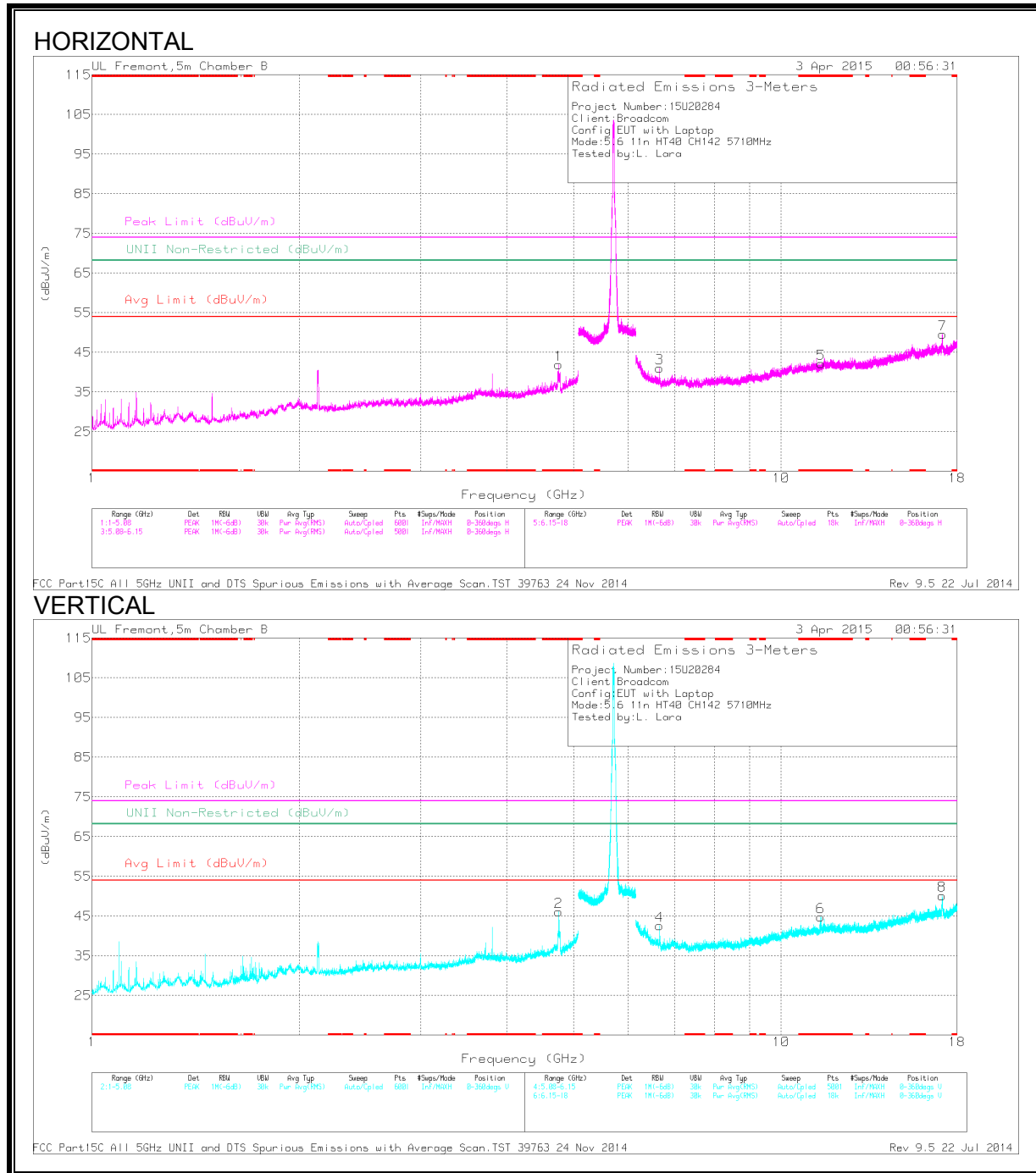
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

## 9.28. TX ABOVE 1 GHz 802.11n HT40 3Tx CDD MODE CHANNEL 142

### HARMONICS AND SPURIOUS EMISSIONS



Trace Markers

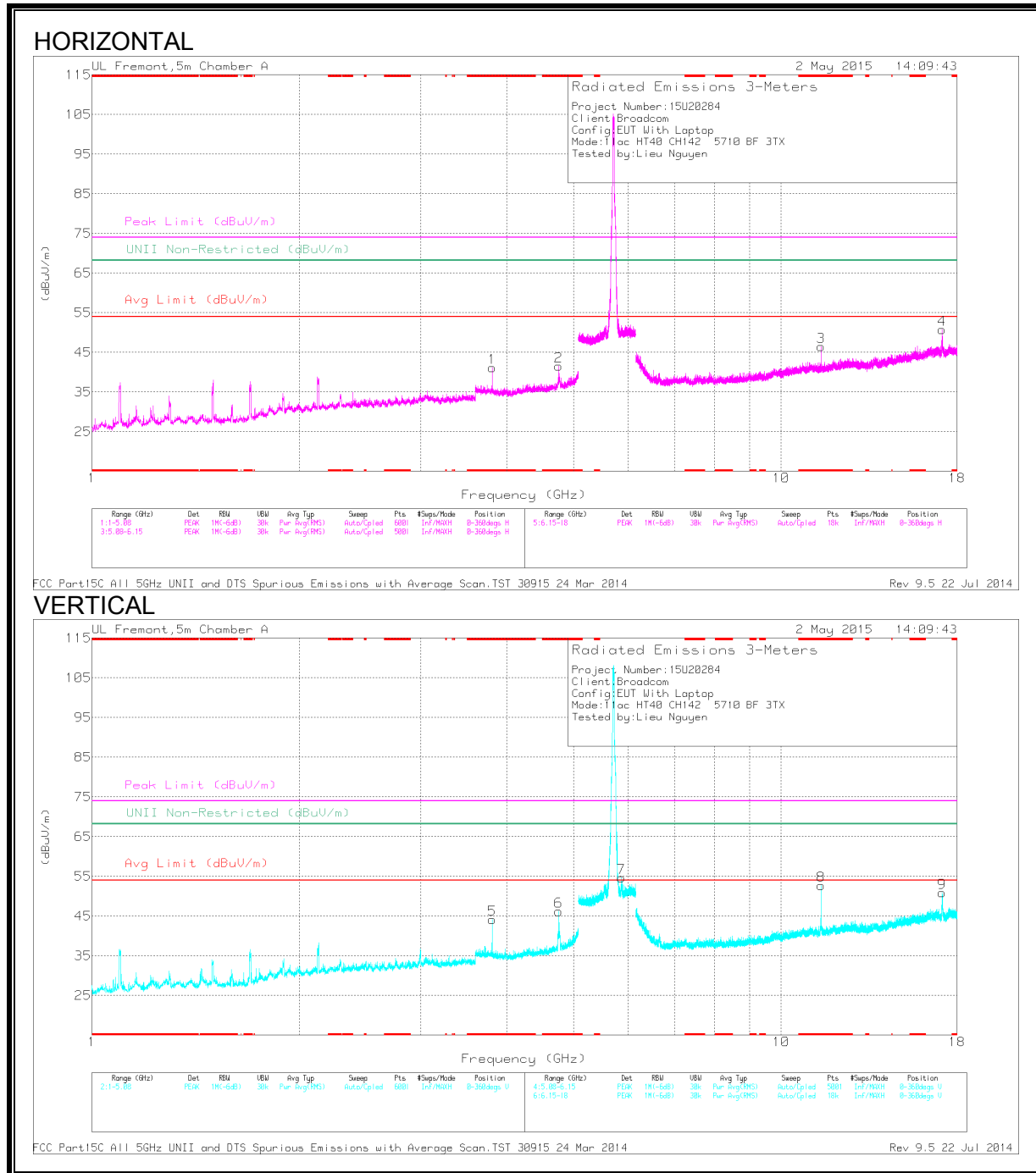
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.759	43.92	PK1	34.3	-29.4	0	48.82	-	-	74	-25.18	-	-	109	253	H
	4.759	37.7	AD1	34.3	-29.4	.09	42.69	54	-11.31	-	-	-	-	109	253	H
2	* 4.759	47.24	PK1	34.3	-29.4	0	52.14	-	-	74	-21.86	-	-	253	201	V
	4.759	40.94	AD1	34.3	-29.4	.09	45.93	54	-8.07	-	-	-	-	253	201	V
5	* 11.423	35.22	PK1	38.1	-22.9	0	50.42	-	-	74	-23.58	-	-	222	231	H
	11.419	24.32	AD1	38.1	-22.9	.09	39.61	54	-14.39	-	-	-	-	222	231	H
6	* 11.423	37.91	PK1	38.1	-22.9	0	53.11	-	-	74	-20.89	-	-	153	192	V
	11.419	26.98	AD1	38.1	-22.9	.09	42.27	54	-11.73	-	-	-	-	153	192	V
3	6.662	41.5	PK1	35.9	-28.6	0	48.8	-	-	-	-	68.2	-19.4	268	385	H
4	6.662	41.86	PK1	35.9	-28.6	0	49.16	-	-	-	-	68.2	-19.04	337	214	V
8	17.118	37.75	PK1	41.5	-20.5	0	58.75	-	-	-	-	68.2	-9.45	184	129	V
7	17.122	38.95	PK1	41.5	-20.5	0	59.95	-	-	-	-	68.2	-8.25	93	129	H

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

PK - Peak detector  
 PK1 - KDB789033 Method: Peak  
 AD1 - KDB789033 Method: AD Primary Power Average

## 9.29. TX ABOVE 1 GHz 802.11n HT40 TxBF 3Tx MODE CHANNEL 142

### HARMONICS AND SPURIOUS EMISSIONS



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.807	45.51	PK1	33.4	-32.3	0	46.61	-	-	74	-27.39	-	-	228	100	H
	* 3.807	38.06	AD1	33.4	-32.3	.82	39.98	54	-14.02	-	-	-	-	228	100	H
2	* 4.759	46.89	PK1	34	-30.9	0	49.99	-	-	74	-24.01	-	-	18	281	H
	* 4.759	39.62	AD1	34	-30.9	.82	43.54	54	-10.46	-	-	-	-	18	281	H
5	* 3.807	47.94	PK1	33.4	-32.3	0	49.04	-	-	74	-24.96	-	-	48	102	V
	* 3.807	42.46	AD1	33.4	-32.3	.82	44.38	54	-9.62	-	-	-	-	48	102	V
6	* 4.759	47.55	PK1	34	-30.9	0	50.65	-	-	74	-23.35	-	-	284	150	V
	* 4.759	41.01	AD1	34	-30.9	.82	44.93	54	-9.07	-	-	-	-	284	150	V
3	* 11.421	42.7	PK1	37.9	-23.4	0	57.2	-	-	74	-16.8	-	-	286	272	H
	* 11.421	27.49	AD1	37.9	-23.4	.82	42.81	54	-11.19	-	-	-	-	286	272	H
8	* 11.421	44.95	PK1	37.9	-23.4	0	59.45	-	-	74	-14.55	-	-	187	209	V
	* 11.421	27.36	AD1	37.9	-23.4	.82	42.68	54	-11.32	-	-	-	-	187	209	V
7	5.867	47.58	PK1	35.1	-20.3	0	62.38	-	-	-	-	68.2	-5.82	285	103	V
4	17.121	42	PK1	41.5	-23.4	0	60.1	-	-	-	-	68.2	-8.1	178	176	H
9	17.125	42.39	PK1	41.5	-23.4	0	60.49	-	-	-	-	68.2	-7.71	174	195	V

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

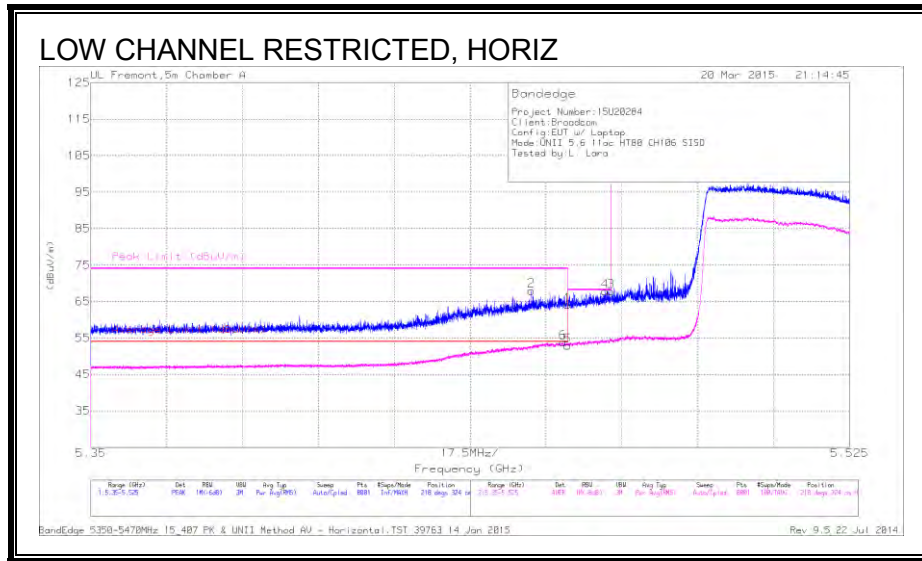
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

### 9.30. TX ABOVE 1 GHz 802.11ac VHT80 1TX MODE IN THE 5.6 GHz BAND

#### RESTRICTED BANDEDGE (LOW CHANNEL)



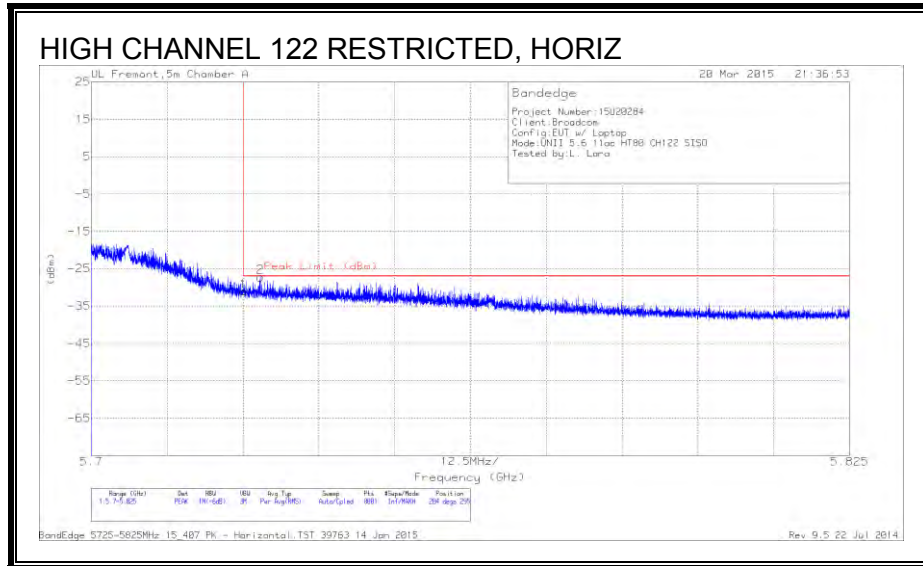
#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.452	24.78	PK	34.5	8.7	0	67.98	-	-	74	-6.02	218	324	H
6	* 5.459	10.44	RMS	34.5	8.7	.18	53.82	54	-.18	-	-	218	324	H
1	* 5.46	20.89	PK	34.5	8.7	0	64.09	-	-	74	-9.91	218	324	H
5	* 5.46	9.51	RMS	34.5	8.7	.18	52.89	54	-1.11	-	-	218	324	H
4	5.469	24.66	PK	34.5	8.6	0	67.76	-	-	68.2	-.44	218	324	H
3	5.47	24.58	PK	34.5	8.7	0	67.78	-	-	68.2	-.42	218	324	H

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

PK - Peak detector  
 RMS - RMS detection

**RESTRICTED BANDEDGE (HIGH CHANNEL 122)**



**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-86.51	PK	34.7	8.9	11.8	-31.11	-27	-4.11	204	295	H
2	5.728	-82.66	PK	34.7	8.9	11.8	-27.26	-27	-.26	204	295	H

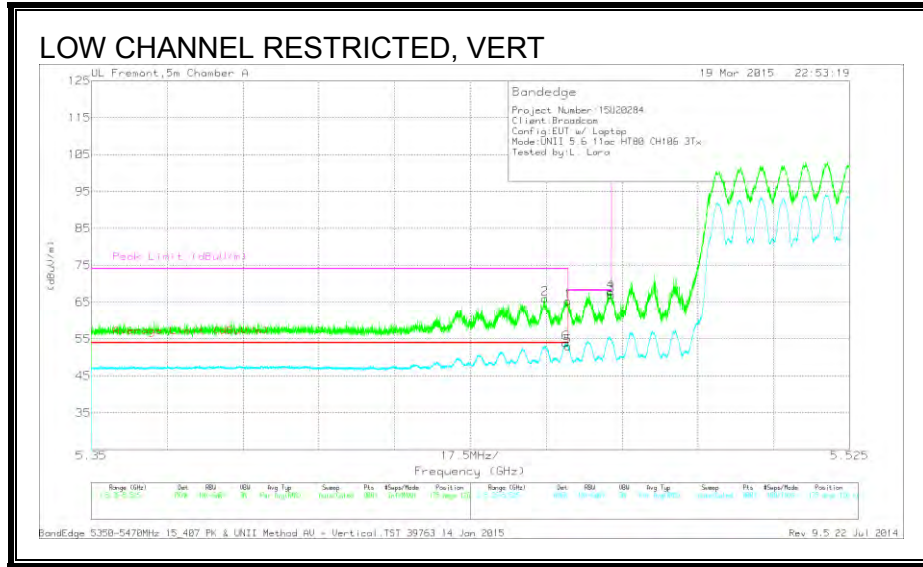
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector  
 RMS - RMS detection



### 9.31. TX ABOVE 1 GHz 802.11ac VHT80 CDD 3TX MODE IN THE 5.6 GHz BAND

#### RESTRICTED BANDEDGE (LOW CHANNEL 106)



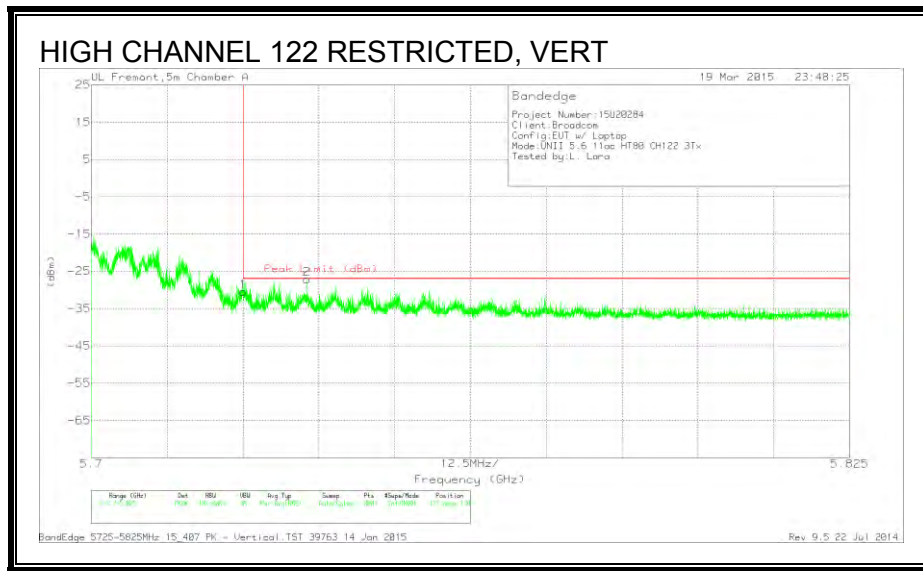
#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.455	22.76	PK	34.5	8.7	0	65.96	-	-	74	-8.04	175	126	V
1	* 5.46	22.05	PK	34.5	8.7	0	65.25	-	-	74	-8.75	175	126	V
5	* 5.46	9.55	RMS	34.5	8.7	.18	52.93	54	-1.07	-	-	175	126	V
6	* 5.46	10.53	RMS	34.5	8.7	.18	53.91	54	-.09	-	-	175	126	V
3	5.47	23.7	PK	34.5	8.7	0	66.9	-	-	68.2	-1.3	175	126	V
4	5.47	24.59	PK	34.5	8.7	0	67.79	-	-	68.2	-.41	175	126	V

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

PK - Peak detector  
 RMS - RMS detection

**RESTRICTED BANDEDGE (HIGH CHANNEL 122)**



**Trace Markers**

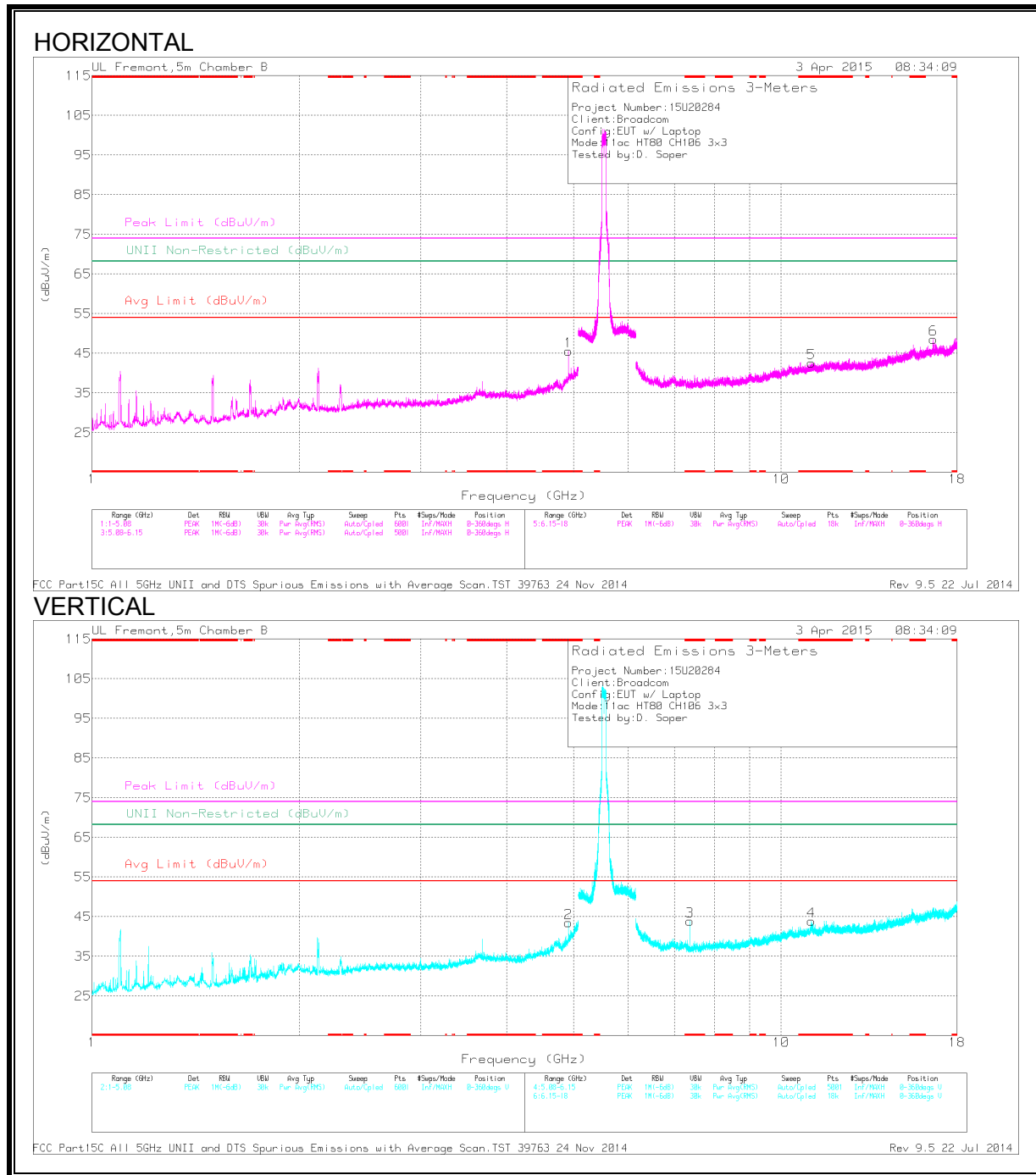
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-85.93	PK	34.7	8.9	11.8	0	-30.53	-27	-3.53	177	130	V
2	5.736	-82.65	PK	34.8	8.9	11.8	0	-27.15	-27	-.15	177	130	V

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

PK - Peak detector  
 RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL 106**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.916	47.05	PK1	34.1	-29.1	0	52.05	-	-	74	-21.95	-	-	318	219	H
	* 4.916	40.4	AD1	34.1	-29.1	.18	45.58	54	-8.42	-	-	-	-	318	219	H
2	* 4.916	45.3	PK1	34.1	-29.1	0	50.3	-	-	74	-23.7	-	-	340	248	V
	* 4.916	37.27	AD1	34.1	-29.1	.18	42.45	54	-11.55	-	-	-	-	340	248	V
5	* 11.069	35.32	PK1	37.8	-22.9	0	50.22	-	-	74	-23.78	-	-	17	368	H
	* 11.07	23.74	AD1	37.8	-23	.18	38.72	54	-15.28	-	-	-	-	17	368	H
3	* 7.374	43.16	PK1	35.4	-28.1	0	50.46	-	-	74	-23.54	-	-	336	197	V
	* 7.374	37.46	AD1	35.4	-28.1	.18	44.94	54	-9.06	-	-	-	-	336	197	V
4	* 11.066	34.81	PK1	37.8	-22.9	0	49.71	-	-	74	-24.29	-	-	287	339	V
	* 11.07	23.61	AD1	37.8	-23	.18	38.59	54	-15.41	-	-	-	-	287	339	V
6	16.64	35.58	PK1	41.4	-20.3	0	56.68	-	-	-	-	68.2	-11.52	70	178	H

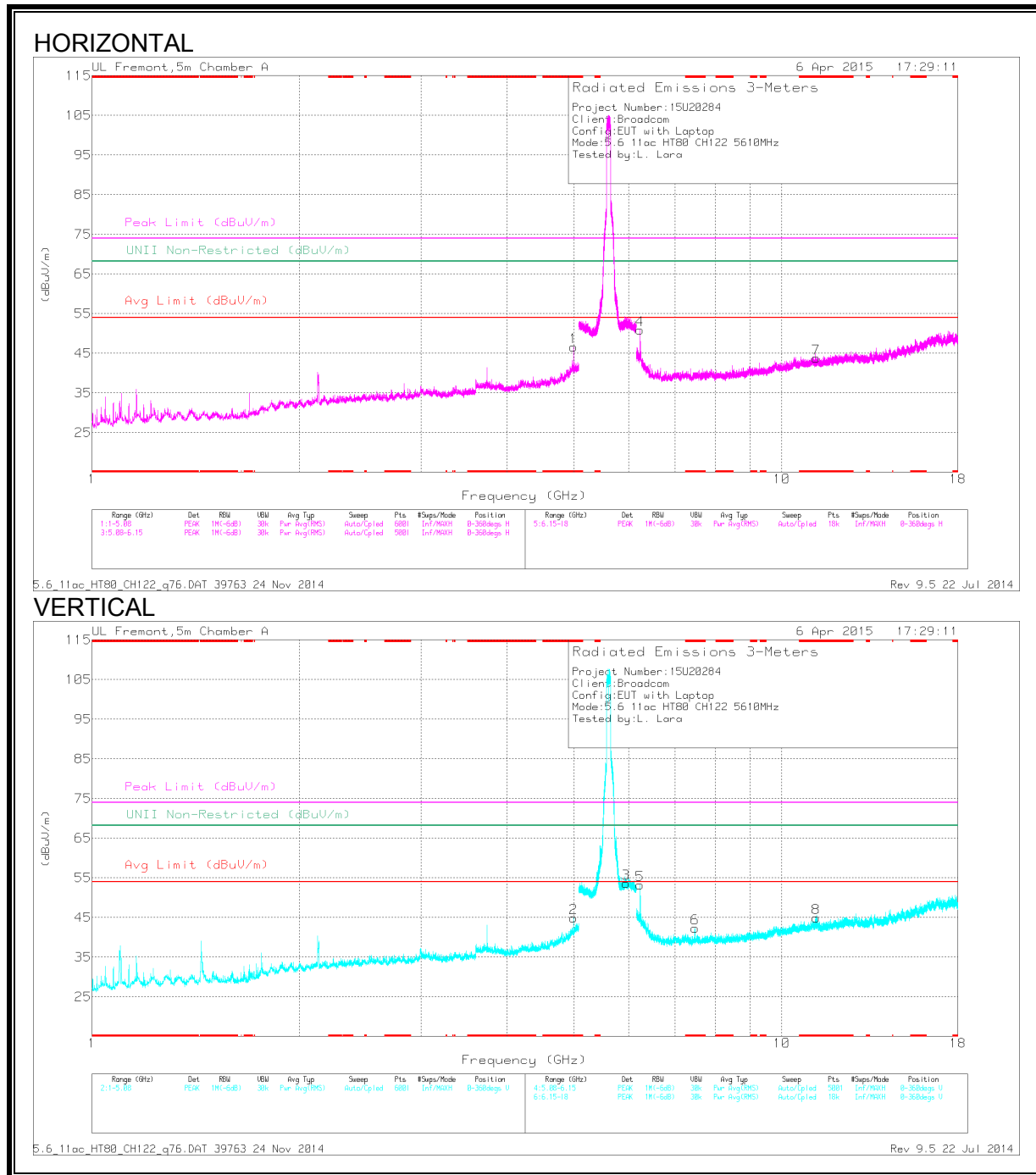
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**HIGH CHANNEL 122**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.987	47.58	PK1	34	-27.9	0	53.68	-	-	74	-20.32	-	-	349	176	H
	* 4.987	41.26	AD1	34	-27.9	.18	47.54	54	-6.46	-	-	-	-	349	176	H
2	* 4.987	48.36	PK1	34	-27.9	0	54.46	-	-	74	-19.54	-	-	71	365	V
	* 4.987	41.83	AD1	34	-27.9	.18	48.11	54	-5.89	-	-	-	-	71	365	V
7	* 11.216	36.87	PK1	37.8	-21.8	0	52.87	-	-	74	-21.13	-	-	352	122	H
	* 11.221	24.6	AD1	37.8	-21.8	.18	40.78	54	-13.22	-	-	-	-	352	122	H
6	* 7.481	39.44	PK1	35.5	-25.6	0	49.34	-	-	74	-24.66	-	-	6	197	V
	* 7.481	31.44	AD1	35.5	-25.6	.18	41.52	54	-12.48	-	-	-	-	6	197	V
8	* 11.215	38.06	PK1	37.8	-21.8	0	54.06	-	-	74	-19.94	-	-	109	109	V
	* 11.215	26.64	AD1	37.8	-21.8	.18	42.82	54	-11.18	-	-	-	-	109	109	V
3	5.944	44.4	PK1	35.3	-16.4	0	63.3	-	-	-	-	68.2	-4.9	9	139	V
4	6.234	48.31	PK1	35.5	-26.9	0	56.91	-	-	-	-	68.2	-11.29	344	217	H
5	6.234	48.46	PK1	35.5	-26.9	0	57.06	-	-	-	-	68.2	-11.14	100	161	V

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

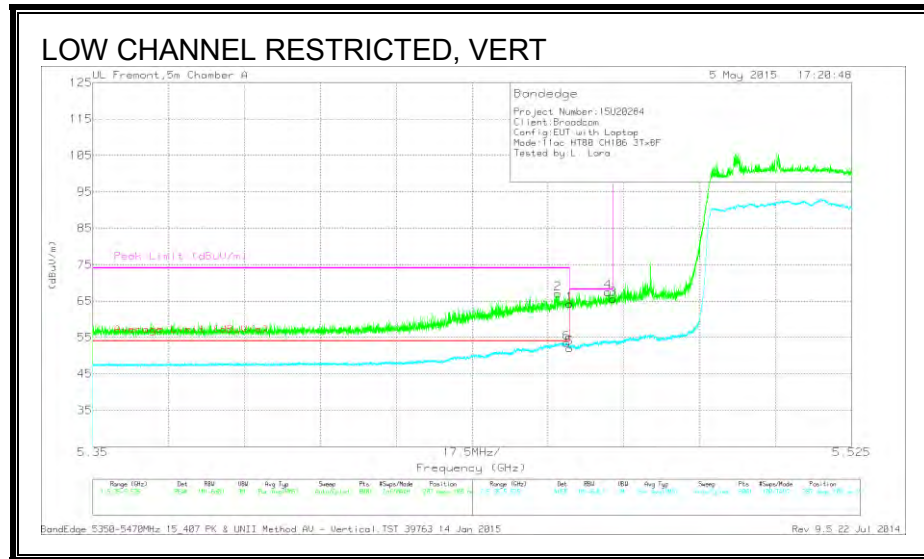
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

## 9.32. TX ABOVE 1 GHz 802.11ac VHT80 TxBF 3TX MODE IN THE 5.6 GHz BAND

### RESTRICTED BANDEDGE (LOW CHANNEL)



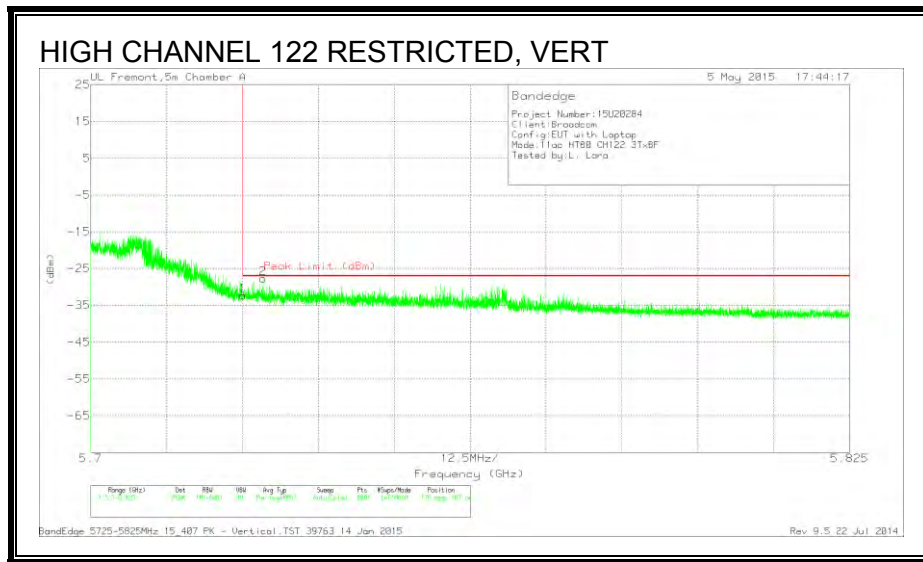
### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	22.09	PK	34.5	7.6	0	64.19	-	-	74	-9.81	287	108	V
2	* 5.457	24.93	PK	34.5	7.6	0	67.03	-	-	74	-6.97	287	108	V
5	* 5.46	8.63	RMS	34.5	7.6	1.35	52.08	54	-1.92	-	-	287	108	V
6	* 5.459	10.1	RMS	34.5	7.6	1.35	53.55	54	-.45	-	-	287	108	V
4	5.469	25.29	PK	34.5	7.7	0	67.49	-	-	68.2	-.71	287	108	V
3	5.47	23.42	PK	34.5	7.7	0	65.62	-	-	68.2	-2.58	287	108	V

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

PK - Peak detector  
 RMS - RMS detection

**RESTRICTED BANDEDGE (HIGH CHANNEL 122)**



**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-86.62	PK	34.7	7.8	11.8	-32.32	-27	-5.32	176	107	V
2	5.728	-81.99	PK	34.7	7.8	11.8	-27.69	-27	-.69	176	107	V

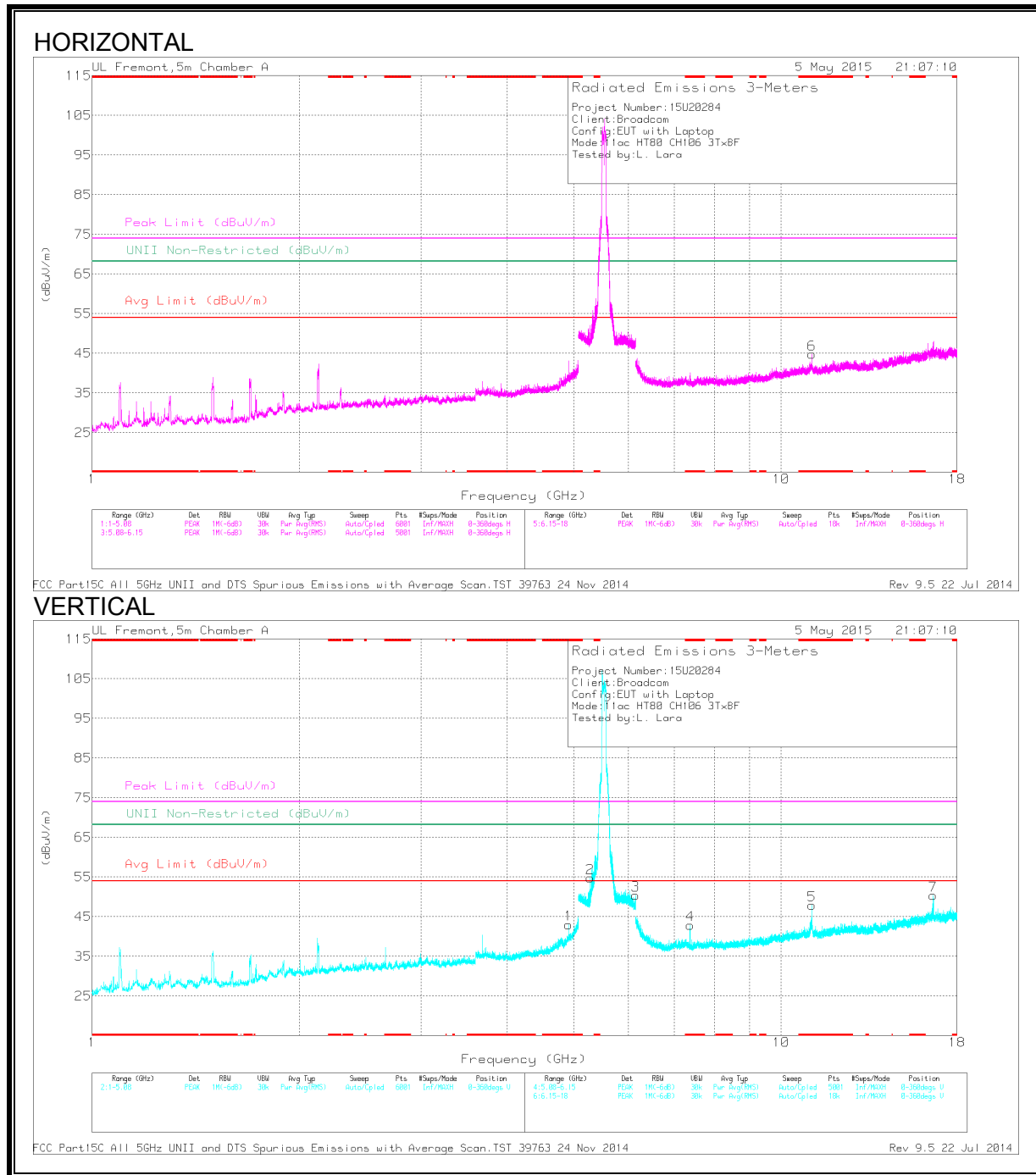
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector  
 RMS - RMS detection



**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL 106**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/ Filtz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 11.084	35.49	PK1	37.9	-22.8	0	50.59	-	-	74	-23.41	-	-	78	132	H
	* 11.072	24.05	AD1	37.9	-22.8	1.35	40.5	54	-13.5	-	-	-	-	78	132	H
5	* 7.374	41.05	PK1	35.5	-26.9	0	49.65	-	-	74	-24.35	-	-	96	211	V
	* 7.374	33.88	AD1	35.5	-26.9	1.35	43.83	54	-10.17	-	-	-	-	96	211	V
1	* 4.916	45.7	PK1	33.9	-29.7	0	49.9	-	-	74	-24.1	-	-	182	106	V
	* 4.916	36.54	AD1	33.9	-29.7	1.35	42.09	54	-11.91	-	-	-	-	182	106	V
4	* 7.374	41.05	PK1	35.5	-26.9	0	49.65	-	-	74	-24.35	-	-	96	211	V
	* 7.374	33.88	AD1	35.5	-26.9	1.35	43.83	54	-10.17	-	-	-	-	96	211	V
7	16.628	40.11	PK1	41.6	-23.7	0	58.01	-	-	-	-	68.2	-10.19	165	244	V
2	5.281	45.39	PK1	34.5	-18.9	0	60.99	-	-	-	-	68.2	-7.21	63	223	V
3	6.145	41.83	PK1	35.4	-19.9	0	57.33	-	-	-	-	68.2	-10.87	287	102	V

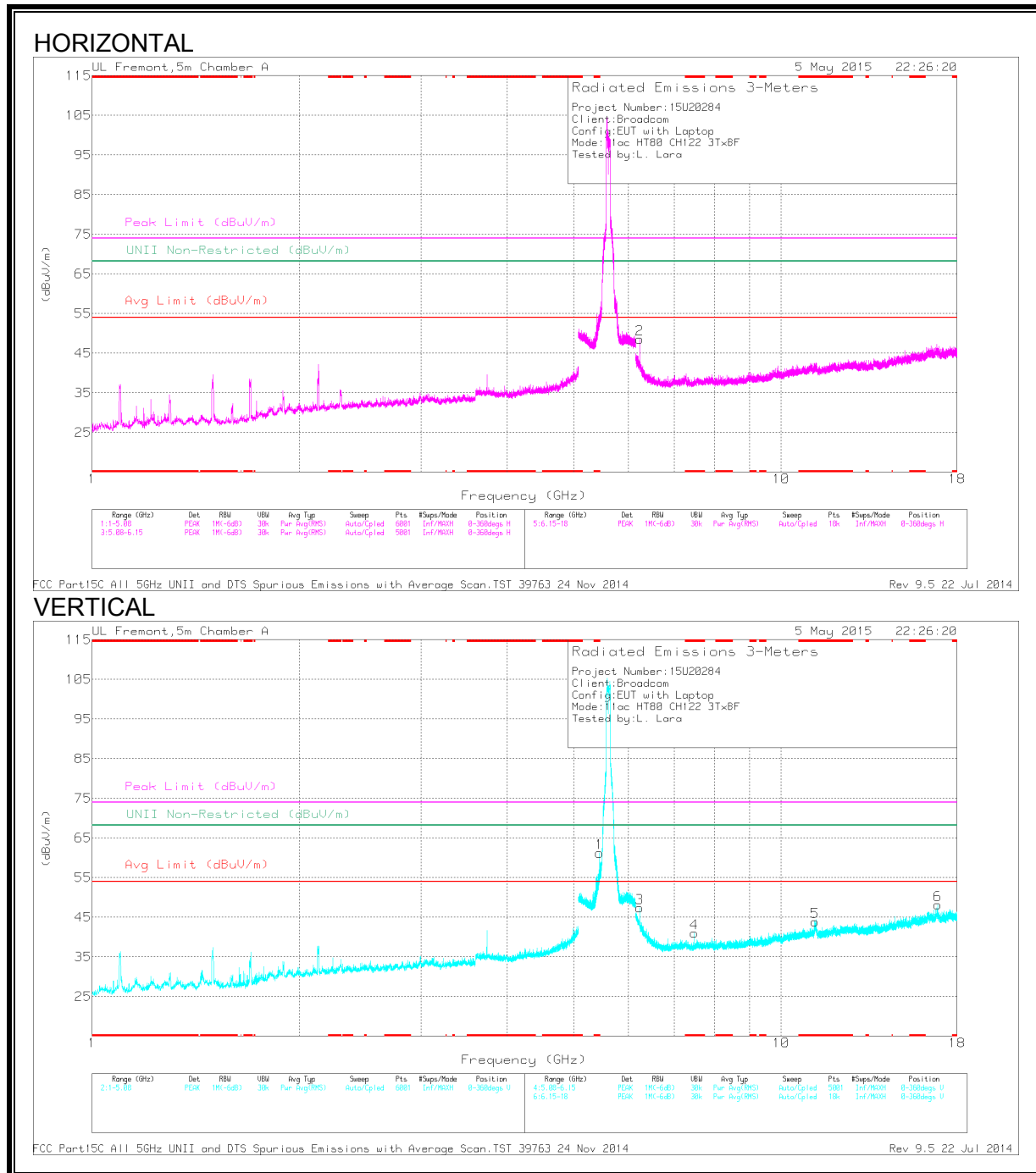
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**HIGH CHANNEL 122**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.454	54.51	PK1	34.5	-19.8	0	69.21	-	-	74	-4.79	-	-	199	130	V
	* 5.455	37.8	AD1	34.5	-19.8	1.35	53.85	54	-15	-	-	-	-	199	130	V
4	* 7.48	39.1	PK1	35.5	-26.8	0	47.8	-	-	74	-26.2	-	-	182	105	V
	* 7.481	29.58	AD1	35.5	-26.8	1.35	39.63	54	-14.37	-	-	-	-	182	105	V
5	* 11.195	37.71	PK1	37.8	-22.9	0	52.61	-	-	74	-21.39	-	-	180	118	V
	* 11.208	25.42	AD1	37.8	-22.7	1.35	41.87	54	-12.13	-	-	-	-	180	118	V
2	6.234	45.95	PK1	35.5	-28.3	0	53.15	-	-	-	-	68.2	-15.05	203	273	H
3	6.234	45.58	PK1	35.5	-28.3	0	52.78	-	-	-	-	68.2	-15.42	263	100	V
6	16.864	37.71	PK1	41.6	-23.5	0	55.81	-	-	-	-	68.2	-12.39	251	307	V

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

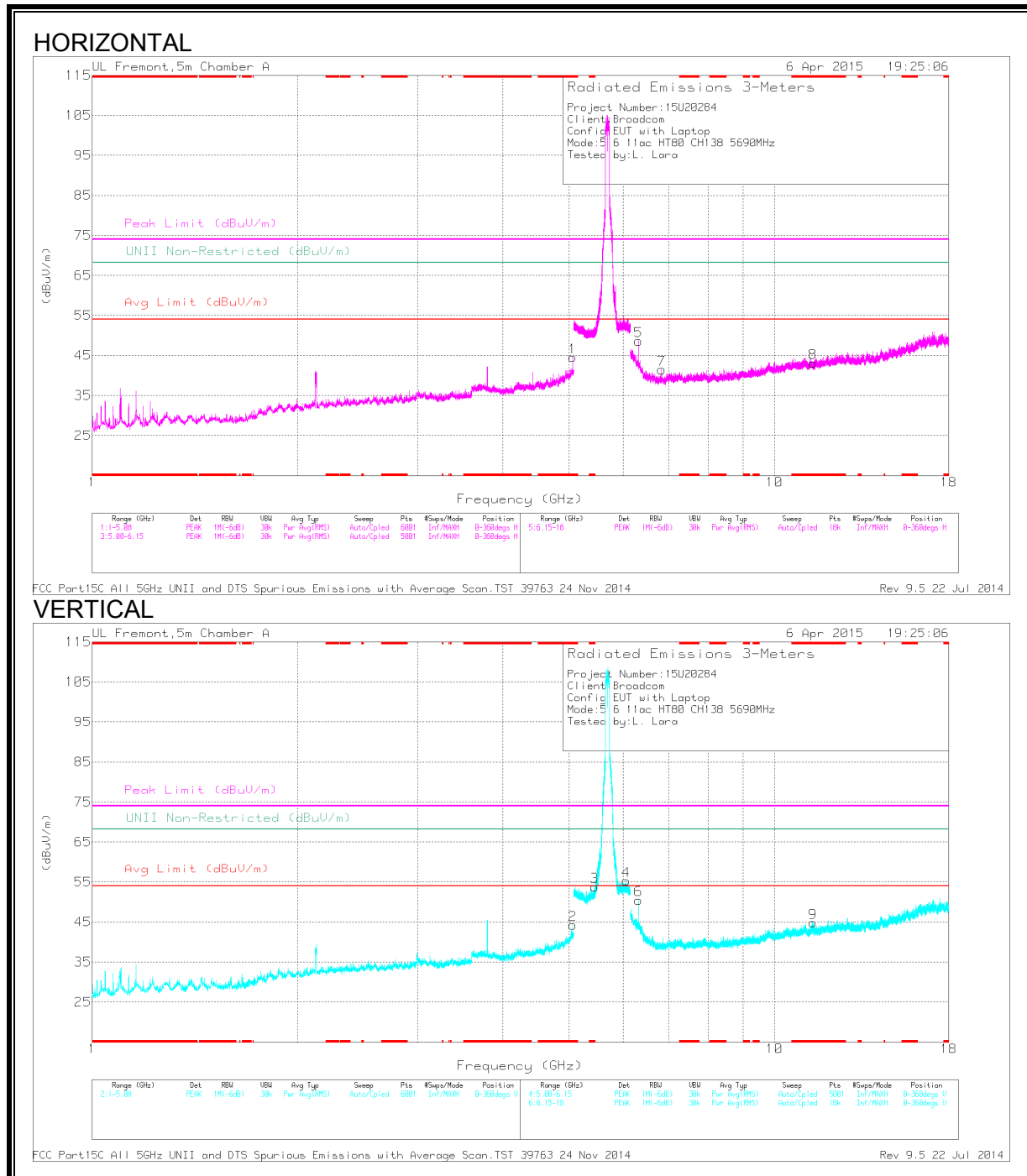
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

### 9.33. TX ABOVE 1 GHz 802.11ac VHT80 3TX CDD MODE CHANNEL 138

#### HARMONICS AND SPURIOUS EMISSIONS



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.058	44.59	PK1	34	-26.1	0	52.49	-	-	74	-21.51	-	-	0	174	H
	5.058	36.27	AD1	34	-26.1	.18	44.35	54	-9.65	-	-	-	-	0	174	H
2	* 5.058	44.14	PK1	34	-26.1	0	52.04	-	-	74	-21.96	-	-	19	378	V
	5.058	35.95	AD1	34	-26.1	.18	44.03	54	-9.97	-	-	-	-	19	378	V
3	* 5.457	47.18	PK1	34.5	-16.6	0	65.08	-	-	74	-8.92	-	-	194	133	V
	5.457	32.4	AD1	34.5	-16.6	.18	50.48	54	-3.52	-	-	-	-	194	133	V
8	* 11.391	35.26	PK1	37.9	-21.9	0	51.26	-	-	74	-22.74	-	-	262	176	H
	11.392	24.41	AD1	37.9	-21.9	.18	40.59	54	-13.41	-	-	-	-	262	176	H
9	* 11.384	37.21	PK1	37.9	-21.9	0	53.21	-	-	74	-20.79	-	-	184	272	V
	11.389	25.92	AD1	37.9	-21.9	.18	42.1	54	-11.9	-	-	-	-	184	272	V
4	6.065	44.41	PK1	35.4	-16.1	0	63.71	-	-	-	-	68.2	-4.49	102	125	V
5	6.323	46.58	PK1	35.5	-27.3	0	54.78	-	-	-	-	68.2	-13.42	349	212	H
6	6.323	47.62	PK1	35.5	-27.3	0	55.82	-	-	-	-	68.2	-12.38	359	188	V
7	6.835	39.33	PK1	35.6	-26.9	0	48.03	-	-	-	-	68.2	-20.17	228	198	H

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

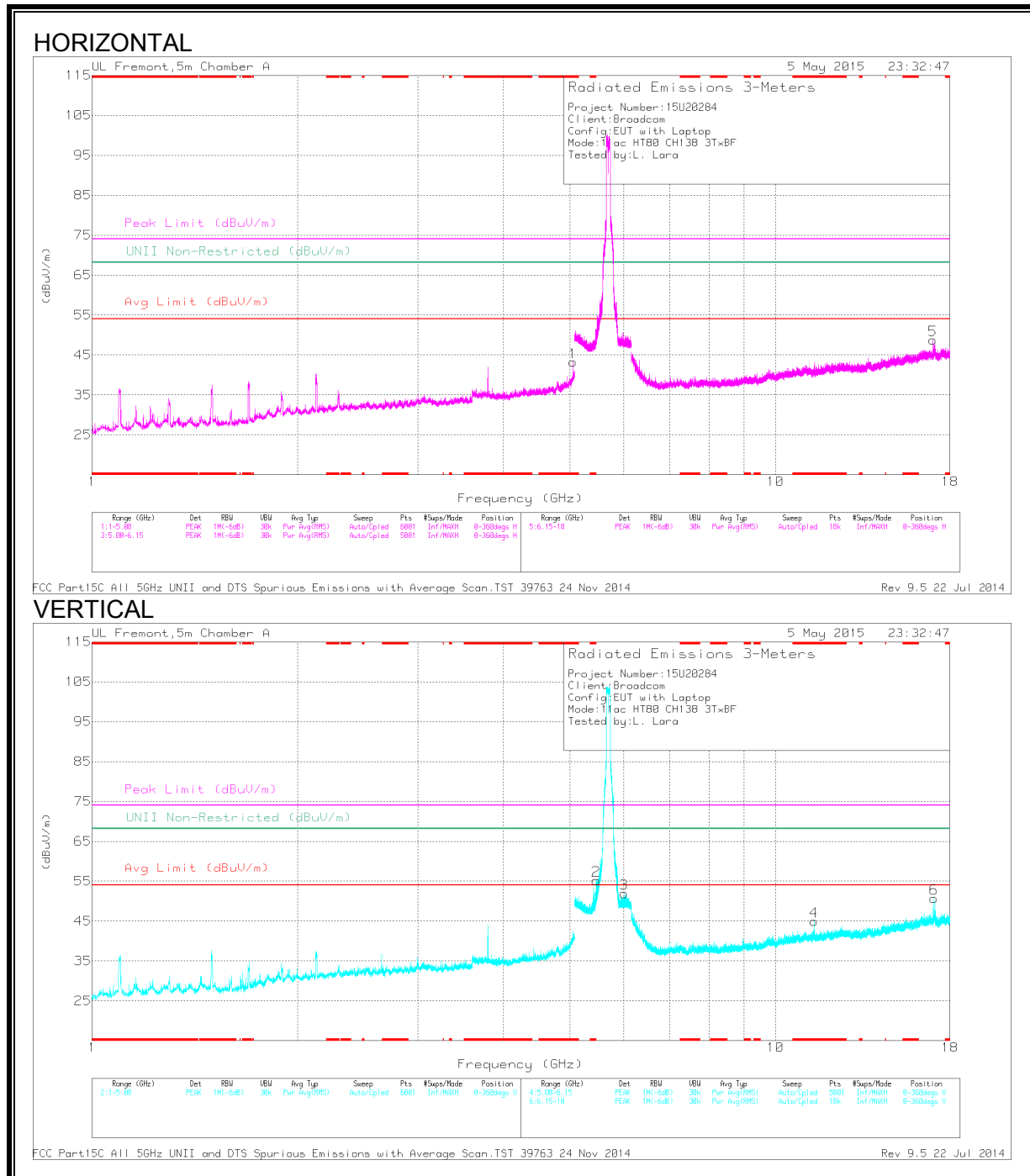
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

### 9.34. TX ABOVE 1 GHz 802.11ac VHT80 TxBF 3TX MODE CHANNEL 138

#### HARMONICS AND SPURIOUS EMISSIONS



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.058	44.51	PK1	34	-28.1	0	50.41	-	-	74	-23.59	-	-	79	186	H
	* 5.058	34.64	AD1	34	-28.1	1.35	41.89	54	-12.11	-	-	-	-	79	186	H
4	* 11.397	36.21	PK1	37.9	-23.3	0	50.81	-	-	74	-23.19	-	-	239	153	V
	* 11.388	24.47	AD1	37.9	-23.3	1.35	40.42	54	-13.58	-	-	-	-	239	153	V
2	5.468	51.51	PK1	34.5	-19.9	0	66.11	-	-	-	-	68.2	-2.09	187	123	V
3	6.009	44.74	PK1	35.4	-20.3	0	59.84	-	-	-	-	68.2	-8.36	180	113	V
5	16.984	36.24	PK1	41.4	-23.4	0	54.24	-	-	-	-	68.2	-13.96	11	181	H
6	17.061	41.44	PK1	41.5	-23.9	0	59.04	-	-	-	-	68.2	-9.16	257	100	V

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

PK - Peak detector

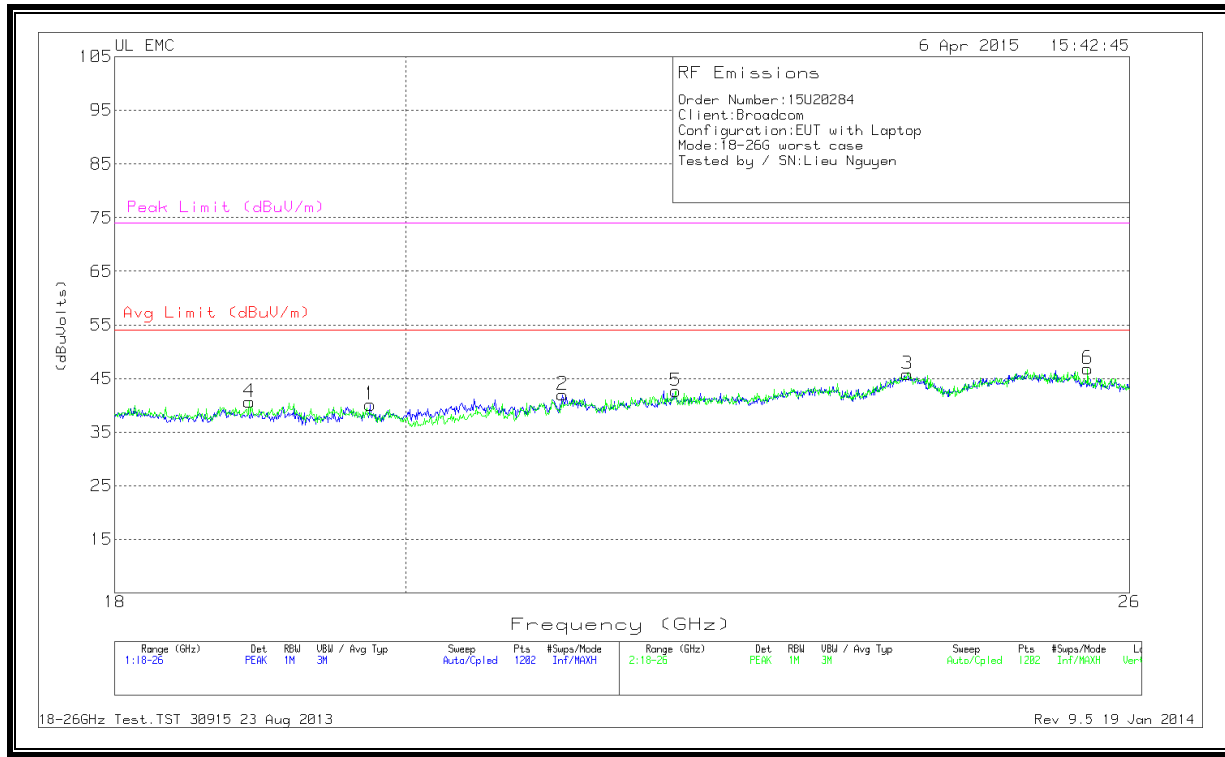
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average



### 9.35. WORST-CASE ABOVE 18GHz

#### SPURIOUS EMISSIONS 18 – 26GHz



#### Trace Markers

Marker	Frequenc y (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	19.745	40.77	PK	33	-24.1	-9.5	40.16	54	-13.83	74	-33.83
2	21.171	41.9	PK	33.3	-23.7	-9.5	42	54	-12	74	-32
3	23.988	43.83	PK	34.2	-22.7	-9.5	45.83	54	-8.16	74	-28.16
4	18.899	41.97	PK	32.8	-24.6	-9.5	40.66	54	-13.33	74	-33.33
5	22.057	41.97	PK	33.7	-23.5	-9.5	42.66	54	-11.33	74	-31.33
6	25.607	44.93	PK	34.7	-23.3	-9.5	46.83	54	-7.16	74	-27.16

PK - Peak detector

**SPURIOUS EMISSIONS 26 – 40GHz**



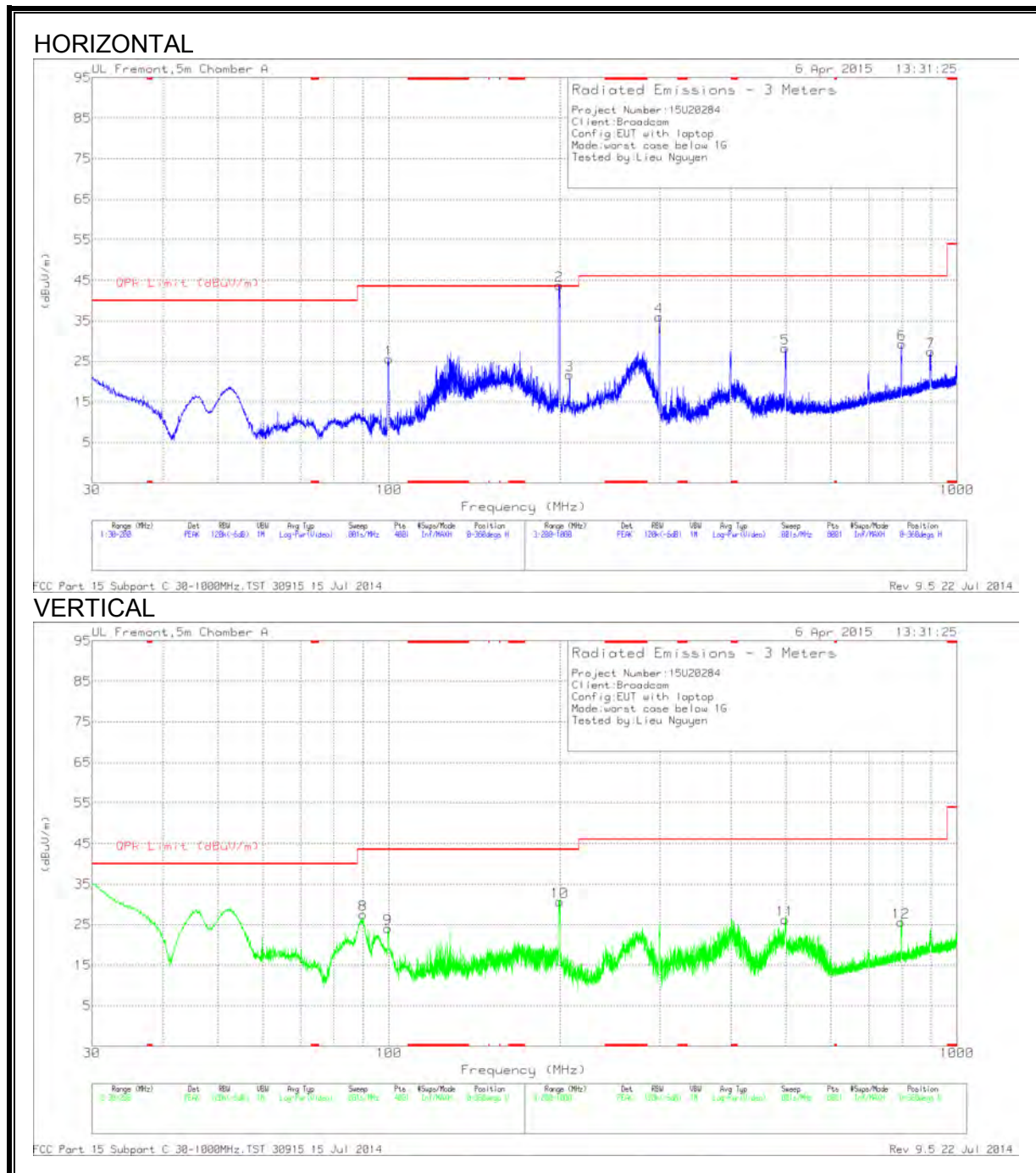
**Trace Markers**

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	T90 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	26.521	46.33	PK	35.5	-33.5	-9.5	38.83	54	-15.16	74	-35.16
2	27.585	47.7	PK	35.7	-35.4	-9.5	38.5	54	-15.5	74	-35.5
3	34.29	49.8	PK	37	-38.3	-9.5	39	54	-15	74	-35
4	39.293	48.4	PK	38.4	-35.8	-9.5	41.5	54	-12.5	74	-32.5
5	27.453	46.5	PK	35.7	-35.2	-9.5	37.5	54	-16.5	74	-36.5
6	39.037	49.9	PK	37.4	-37.8	-9.5	40	54	-14	74	-34
7	28.152	45.83	PK	35.8	-35.3	-9.5	36.83	54	-17.16	74	-37.16

PK - Peak detector

### 9.36. WORST-CASE BELOW 1 GHz

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



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T130 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
8	90.095	50.42	PK	7.7	-30.6	27.52	43.52	-16	0-360	101	V
9	99.5938	45.33	PK	9.3	-30.6	24.03	43.52	-19.49	0-360	101	V
1	99.9125	46.81	PK	9.4	-30.6	25.61	43.52	-17.91	0-360	300	H
2	199.161	57.13	QP	12.5	-29.9	39.73	43.52	-3.79	1	100	H
10	199.83	48	PK	12.6	-29.9	30.7	43.52	-12.82	0-360	101	V
3	208	40.82	PK	10.7	-29.9	21.62	43.52	-21.9	0-360	101	H
4	298.7	52.1	PK	13.3	-29.4	36	46.02	-10.02	0-360	101	H
11	497.7	37.44	PK	17.6	-28.8	26.24	46.02	-19.78	0-360	101	V
5	497.8	39.41	PK	17.6	-28.8	28.21	46.02	-17.81	0-360	200	H
12	797.1	32.5	PK	21.3	-28.2	25.6	46.02	-20.42	0-360	200	V
6	799.4	36.24	PK	21.3	-28.2	29.34	46.02	-16.68	0-360	101	H
7	899.5	32.44	PK	22.3	-27.4	27.34	46.02	-18.68	0-360	101	H

PK - Peak detector

QP - Quasi-Peak detector

### 9.37. AC POWER LINE CONDUCTED EMISSIONS

#### LIMITS

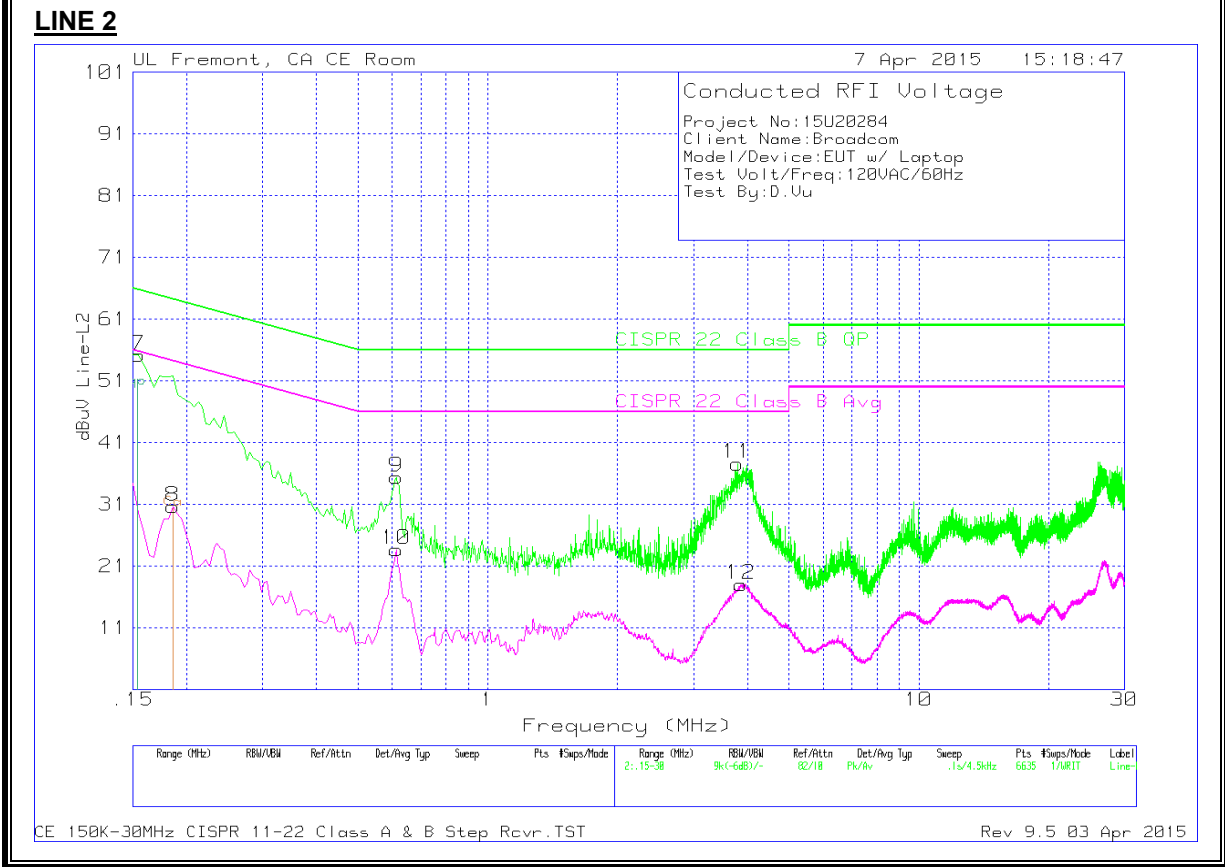
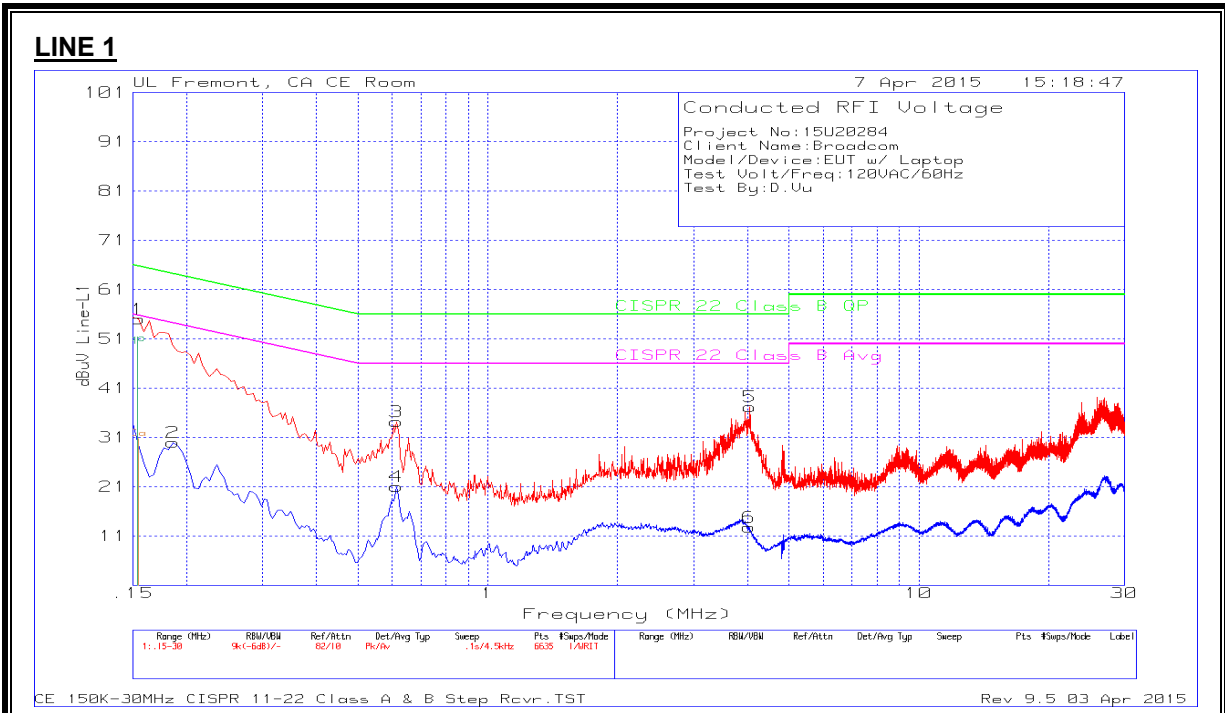
FCC §15.207 (a)

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.

#### RESULTS

#### 6 WORST EMISSION



Trace Markers

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	.1545	53.74	Pk	1.3	0	55.04	-	-	55.75	-.71
2	.186	29.02	Av	1	0	30.02	64.21	-34.19	54.21	-24.19
3	.6135	33.92	Pk	.3	0	34.22	-	-	46	-11.78
4	.6135	20.76	Av	.3	0	21.06	56	-34.94	46	-24.94
5	4.056	36.91	Pk	.2	.1	37.21	-	-	46	-8.79
6	4.0335	12.49	Av	.2	.1	12.79	56	-43.21	46	-33.21

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	.1545	53.77	Pk	1.4	0	55.17	-	-	55.75	-.58
8	.186	29.54	Av	1.1	0	30.64	64.21	-33.57	54.21	-23.57
9	.6135	35.09	Pk	.3	0	35.39	-	-	46	-10.61
10	.6135	23.35	Av	.3	0	23.65	56	-32.35	46	-22.35
11	3.7905	37.3	Pk	.2	.1	37.6	-	-	46	-8.4
12	3.867	17.7	Av	.2	.1	18	56	-38	46	-28

Pk - Peak detector

Av - Average detection