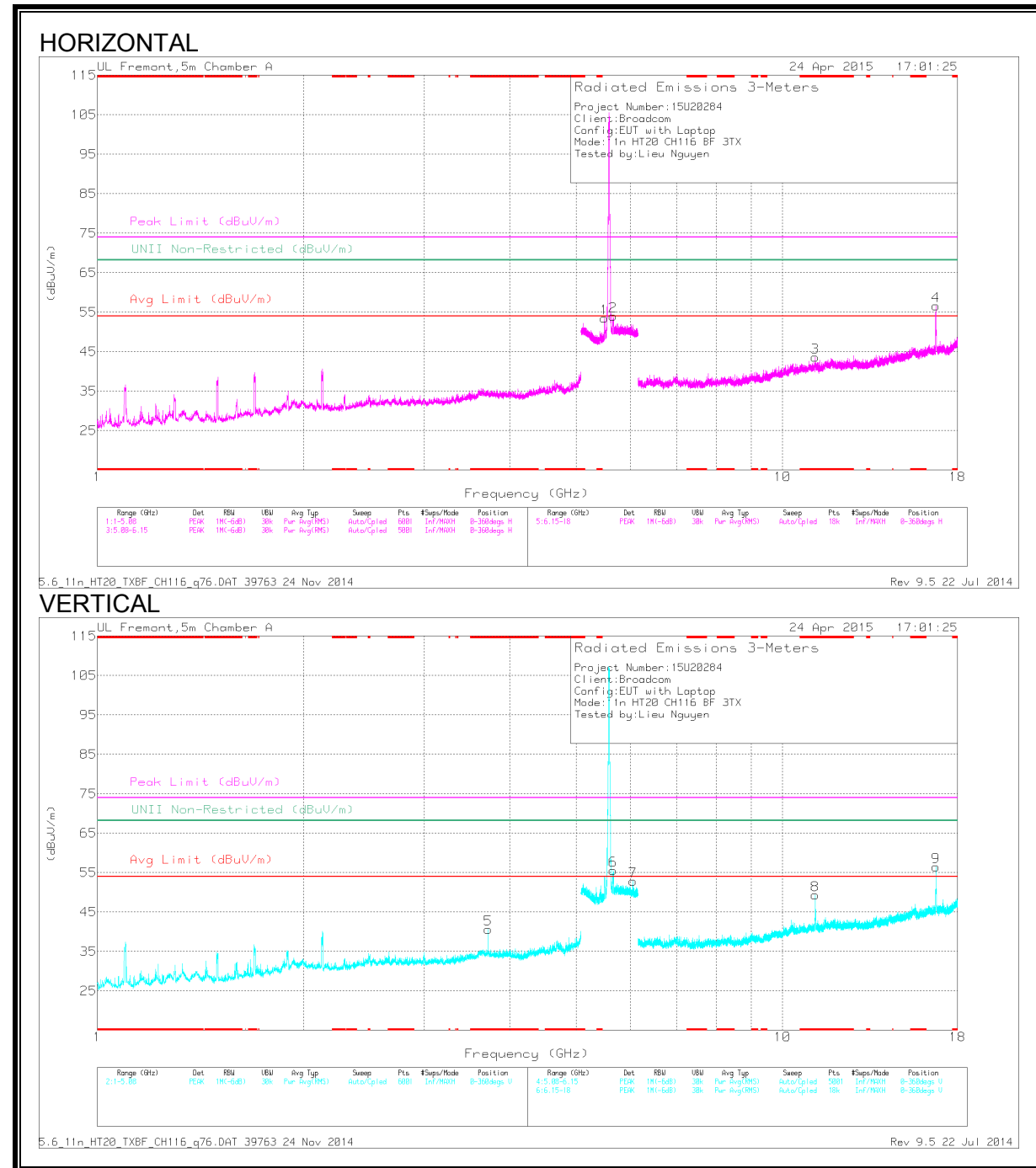


MID CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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
5	* 3.72	44.08	PK1	33.6	-31	0	46.68	-	-	74	-27.32	-	-	106	109	V
	* 3.72	36.14	AD1	33.6	-31	.65	39.39	54	-14.61	-	-	-	-	106	109	V
3	* 11.164	36.59	PK1	37.8	-22.4	0	51.99	-	-	74	-22.01	-	-	149	179	H
	* 11.163	24.62	AD1	37.8	-22.4	.65	40.67	54	-13.33	-	-	-	-	149	179	H
8	* 11.159	39.33	PK1	37.8	-22.4	0	54.73	-	-	74	-19.27	-	-	30	228	V
	* 11.159	27.75	AD1	37.8	-22.4	.65	43.8	54	-10.2	-	-	-	-	30	228	V
1	5.497	45.7	PK1	34.5	-18	0	62.2	-	-	-	-	68.2	-6	265	254	H
2	5.656	48.52	PK1	34.9	-17.9	0	65.52	-	-	-	-	68.2	-2.68	81	266	H
6	5.658	44.3	PK1	34.9	-18	0	61.2	-	-	-	-	68.2	-7	183	140	V
7	6.047	40.83	PK1	35.6	-17.7	0	58.73	-	-	-	-	68.2	-9.47	137	168	V
4	16.732	41.25	PK1	41.7	-20.3	0	62.65	-	-	-	-	68.2	-5.55	74	112	H
9	16.741	34.47	PK1	41.8	-20.3	0	55.97	-	-	-	-	68.2	-12.23	236	395	V

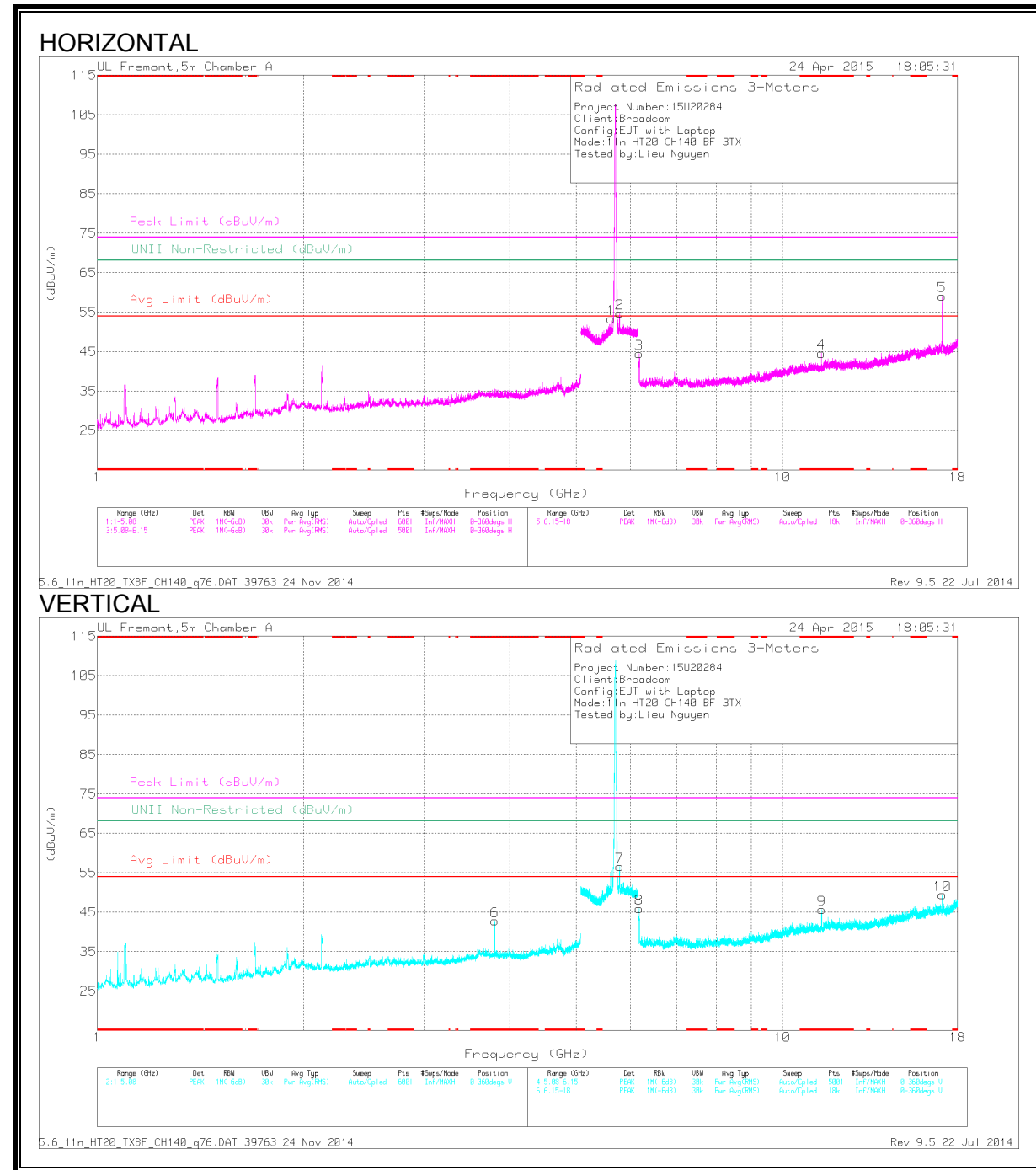
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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
6	* 3.8	45.46	PK1	33.3	-30.7	0	48.06	-	-	74	-25.94	-	-	252	138	V
	* 3.8	37.8	AD1	33.3	-30.7	.65	41.05	54	-12.95	-	-	-	-	252	138	V
4	* 11.399	37.13	PK1	38	-22.7	0	52.43	-	-	74	-21.57	-	-	54	397	H
	* 11.399	24.79	AD1	38	-22.7	.65	40.74	54	-13.26	-	-	-	-	54	397	H
9	* 11.402	37.67	PK1	38	-22.7	0	52.97	-	-	74	-21.03	-	-	263	103	V
	* 11.401	24.53	AD1	38	-22.7	.65	40.48	54	-13.52	-	-	-	-	263	103	V
1	5.617	47.51	PK1	34.8	-18	0	64.31	-	-	-	-	68.2	-3.89	70	269	H
2	5.781	47.17	PK1	35.1	-17.5	0	64.77	-	-	-	-	68.2	-3.43	91	328	H
7	5.784	44.33	PK1	35.2	-17.6	0	61.93	-	-	-	-	68.2	-6.27	210	120	V
3	6.175	46.7	PK1	35.5	-28.5	0	53.7	-	-	-	-	68.2	-14.5	305	249	H
8	6.181	46.33	PK1	35.5	-28.5	0	53.33	-	-	-	-	68.2	-14.87	139	136	V
5	17.1	40.91	PK1	41.6	-20.3	0	62.21	-	-	-	-	68.2	-5.99	207	268	H
10	17.103	41.48	PK1	41.6	-20.3	0	62.78	-	-	-	-	68.2	-5.42	126	210	V

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

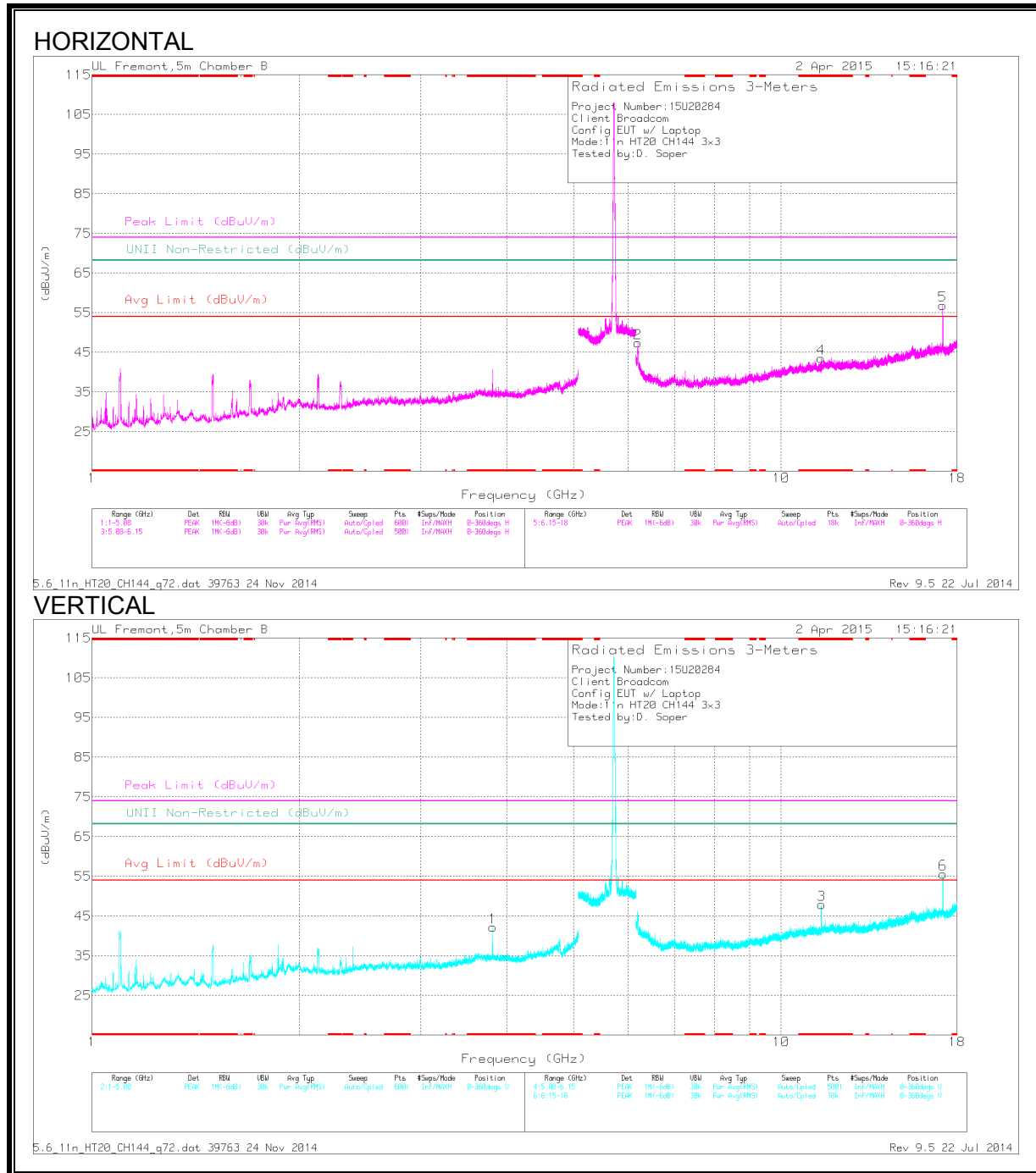
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.23. TX ABOVE 1 GHz 802.11n HT20 3TX CDD MODE CHANNEL 144

HARMONICS AND SPURIOUS EMISSIONS



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	Amp/Cbl/Fit r/Pad (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	* 3.814	45.66	PK1	33.3	-30.9	48.06	-	-	74	-25.94	-	-	193	118	V
	* 3.814	40.74	AD1	33.3	-30.9	43.14	54	-10.86	-	-	-	-	193	118	V
4	* 11.438	37.96	PK1	38.1	-22.9	53.16	-	-	74	-20.84	-	-	2	161	H
	* 11.439	25.96	AD1	38.1	-22.9	41.16	54	-12.84	-	-	-	-	2	161	H
3	* 11.442	40.84	PK1	38.1	-23	55.94	-	-	74	-18.06	-	-	48	242	V
	* 11.441	29.33	AD1	38.1	-22.9	44.53	54	-9.47	-	-	-	-	48	242	V
2	6.196	49.07	PK1	35.5	-28.4	56.17	-	-	-	-	68.2	-12.03	254	199	H
5	17.16	44.91	PK1	41.4	-20.3	66.01	-	-	-	-	68.2	-2.19	7	113	H
6	17.166	42.52	PK1	41.3	-20.3	63.52	-	-	-	-	68.2	-4.68	4	200	V

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

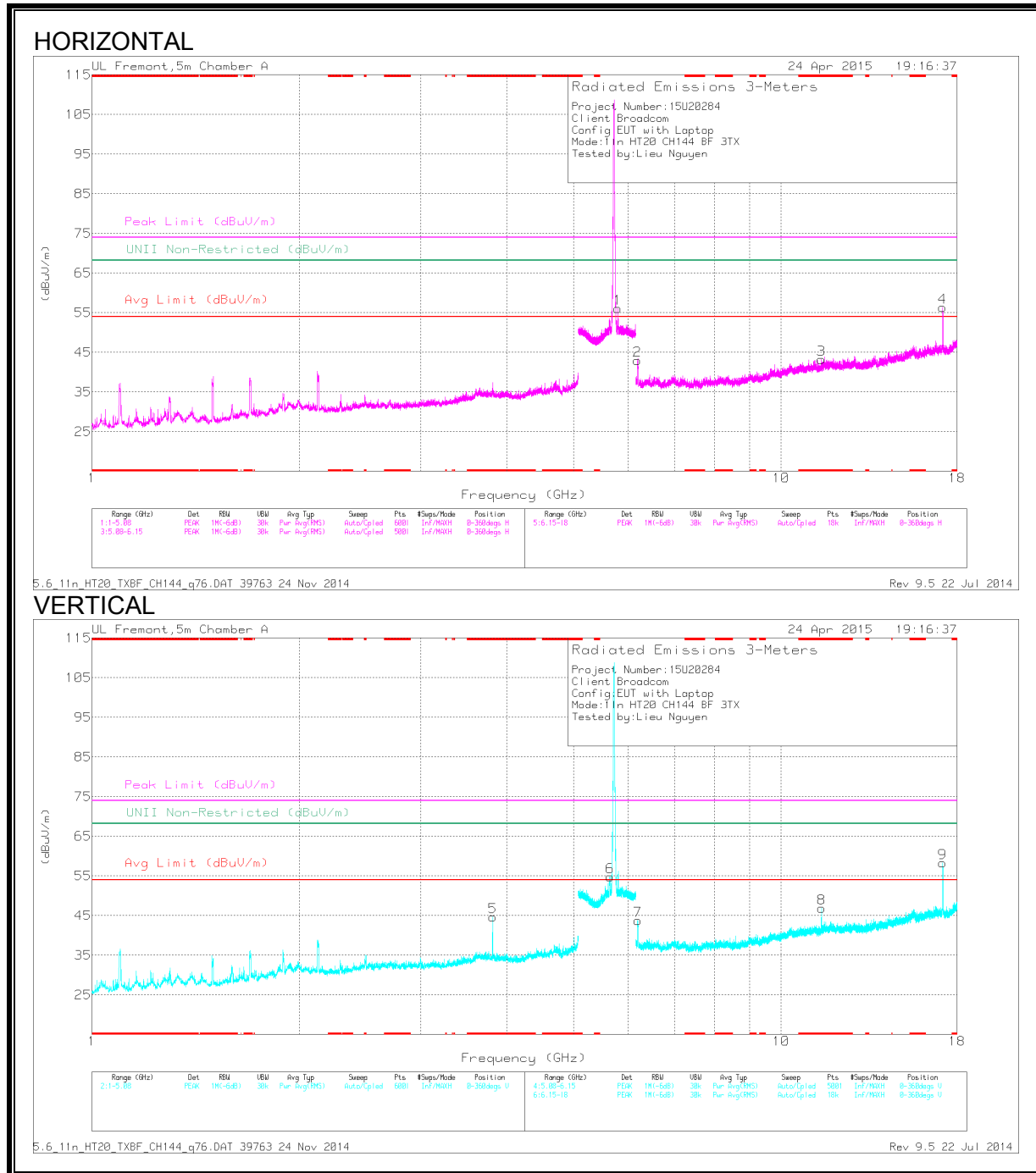
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.24. TX ABOVE 1 GHz 802.11n HT20 TXBF 3TX MODE CHANNEL 144

HARMONICS AND SPURIOUS EMISSIONS



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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
5	* 3.813	46.5	PK1	33.3	-30.9	0	48.9	-	-	74	-25.1	-	-	255	195	V
	* 3.813	40.12	AD1	33.3	-30.9	.65	43.17	54	-10.83	-	-	-	-	255	195	V
3	* 11.438	34.98	PK1	38.1	-22.9	0	50.18	-	-	74	-23.82	-	-	111	188	H
	* 11.439	23.19	AD1	38.1	-22.9	.65	39.04	54	-14.96	-	-	-	-	111	188	H
8	* 11.446	38.14	PK1	38.1	-23	0	53.24	-	-	74	-20.76	-	-	261	277	V
	* 11.446	25.4	AD1	38.1	-23	.65	41.15	54	-12.85	-	-	-	-	261	277	V
6	5.646	48.04	PK1	34.8	-17.9	0	64.94	-	-	-	-	68.2	-3.26	11	323	V
1	5.795	45.69	PK1	35.2	-17.5	0	63.39	-	-	-	-	68.2	-4.81	90	389	H
2	6.19	44.97	PK1	35.5	-28.3	0	52.17	-	-	-	-	68.2	-16.03	289	250	H
7	6.2	45.96	PK1	35.5	-28.3	0	53.16	-	-	-	-	68.2	-15.04	220	124	V
9	17.155	39.4	PK1	41.4	-20.3	0	60.5	-	-	-	-	68.2	-7.7	124	207	V
4	17.158	37.63	PK1	41.4	-20.3	0	58.73	-	-	-	-	68.2	-9.47	64	110	H

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

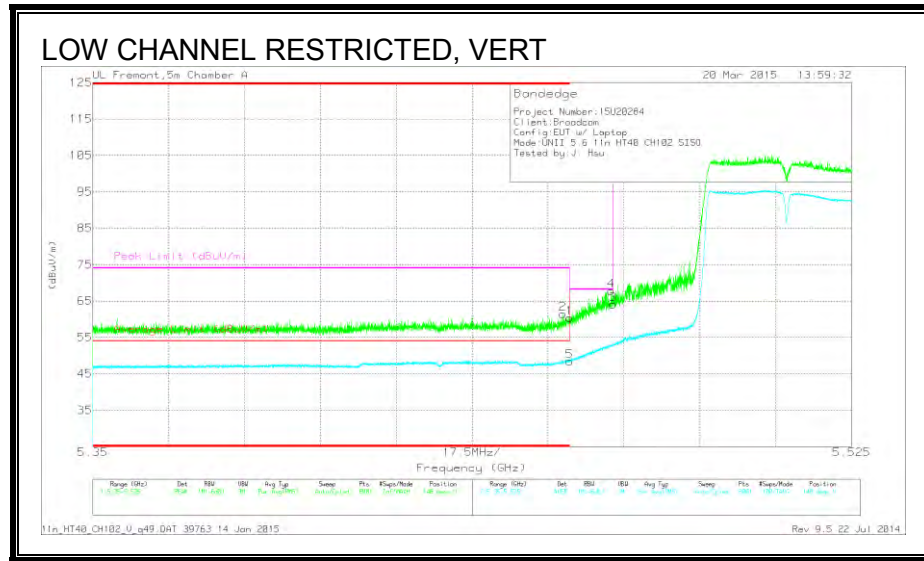
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.25. TX ABOVE 1 GHz 802.11n HT40 1TX MODE IN THE 5.6 GHz BAND

RESTRICTED BANDEGE (LOW CHANNEL)



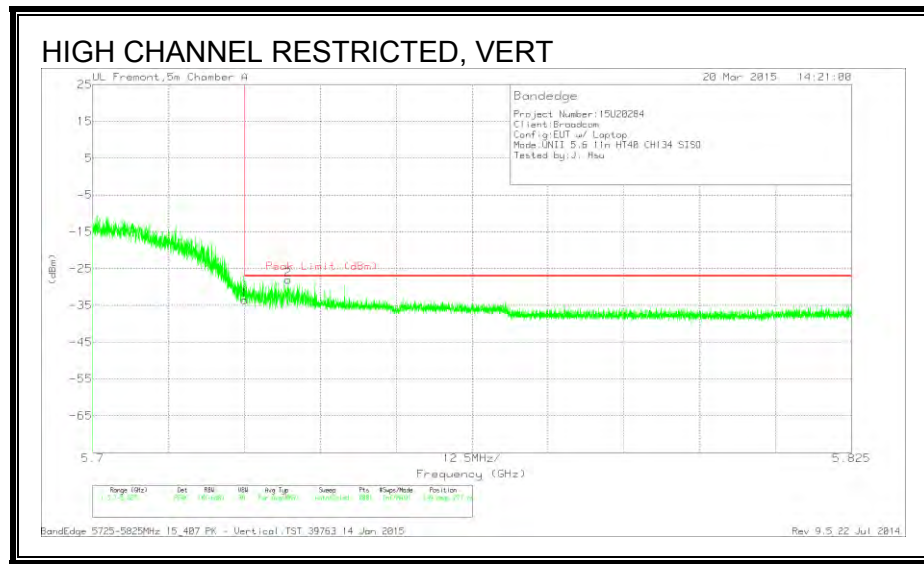
Trace Markers

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	17.18	PK	34.5	8.7	0	60.38	-	-	74	-13.62	148	334	V
2	* 5.458	18.22	PK	34.5	8.7	0	61.42	-	-	74	-12.58	148	334	V
5	* 5.46	5.13	RMS	34.5	8.7	.09	48.42	54	-5.58	-	-	148	334	V
3	5.47	20.92	PK	34.5	8.7	0	64.12	-	-	68.2	-4.08	148	334	V
4	5.47	24.62	PK	34.5	8.7	0	67.82	-	-	68.2	-3.38	148	334	V

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

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL)



Trace Markers

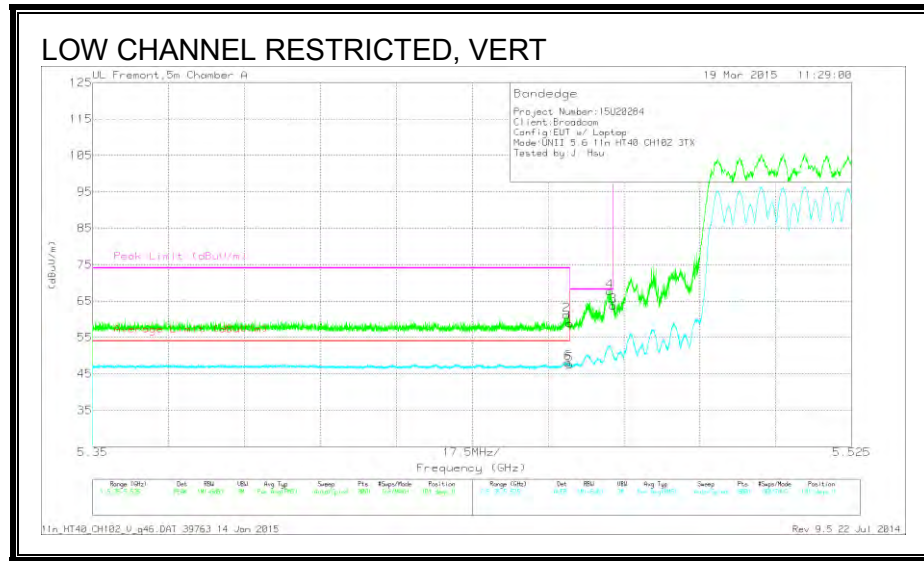
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-88.91	PK	34.7	8.9	11.8	-33.51	-27	-6.51	149	277	V
2	5.732	-83.47	PK	34.8	8.9	11.8	-27.97	-27	-.97	149	277	V

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

PK - Peak detector
RMS - RMS detection

9.26. TX ABOVE 1 GHz 802.11n HT40 CDD 3TX MODE IN THE 5.6 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



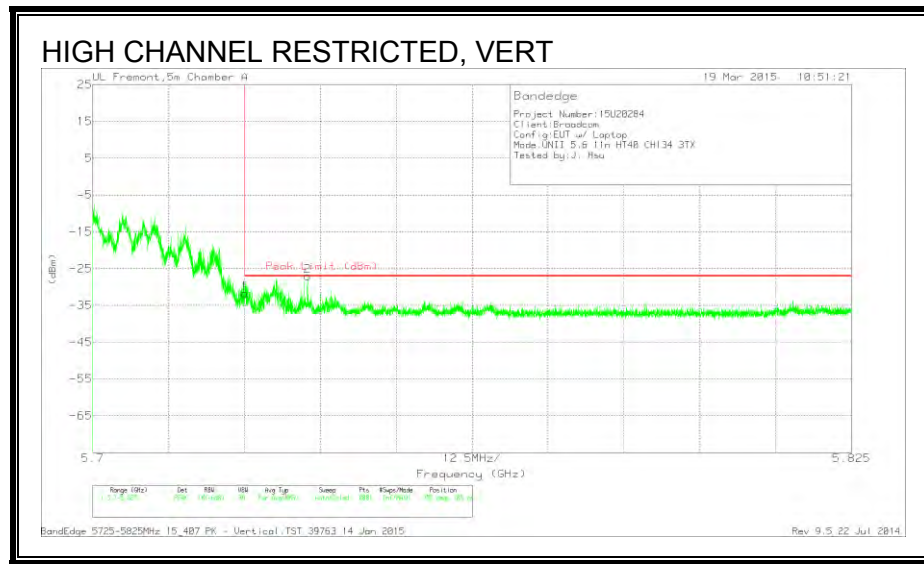
Trace Markers

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	15.63	PK	34.5	8.7	0	58.83	-	-	74	-15.17	101	301	V
2	* 5.459	17.97	PK	34.5	8.7	0	61.17	-	-	74	-12.83	101	301	V
5	* 5.46	4.3	RMS	34.5	8.7	.09	47.59	54	-6.41	-	-	101	301	V
6	* 5.46	4.8	RMS	34.5	8.7	.09	48.09	54	-5.91	-	-	101	301	V
4	5.469	24.6	PK	34.5	8.6	0	67.7	-	-	68.2	-0.5	101	301	V
3	5.47	20.54	PK	34.5	8.7	0	63.74	-	-	68.2	-4.46	101	301	V

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

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL)



Trace Markers

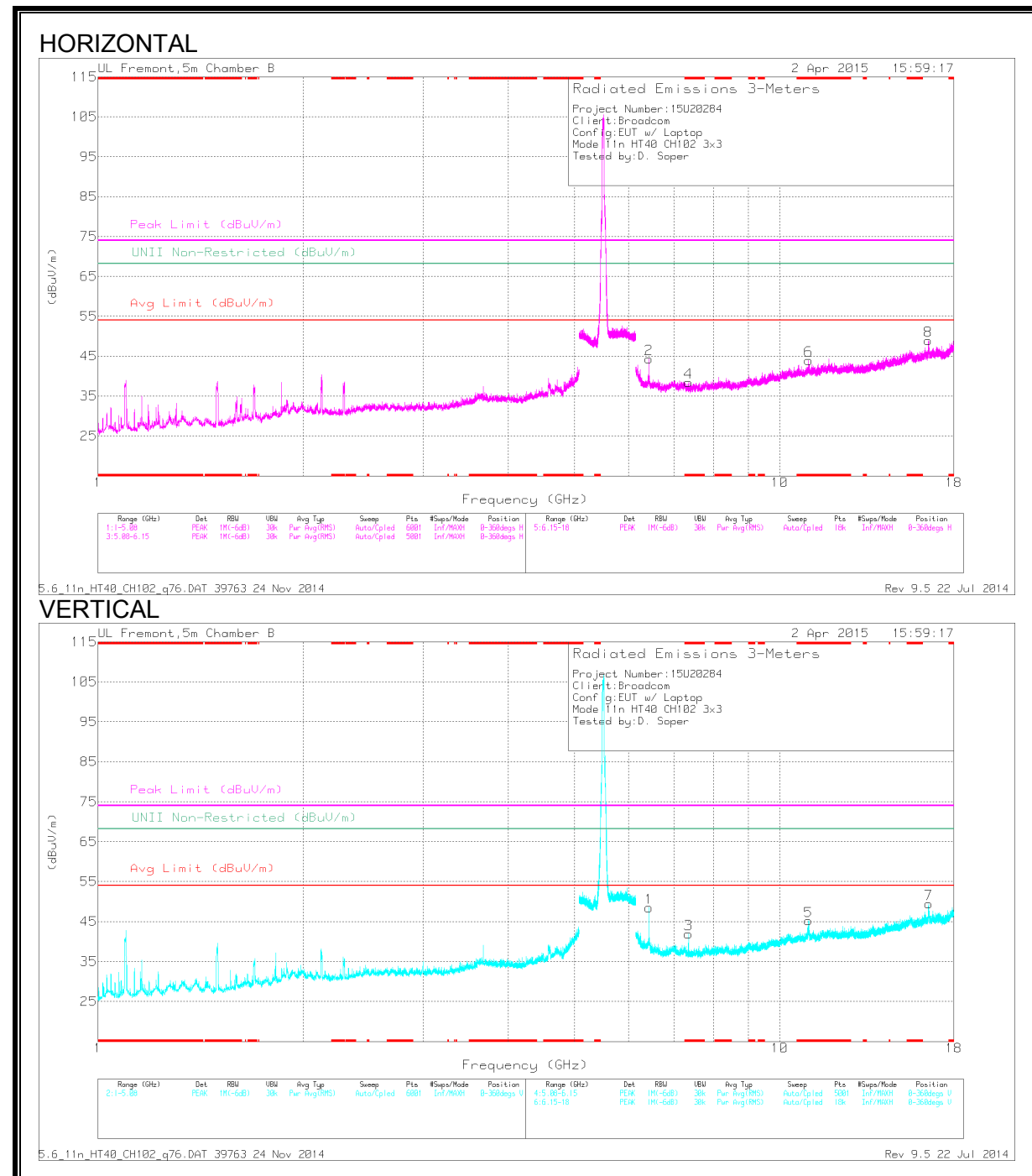
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-87.15	PK	34.7	8.9	11.8	-31.75	-27	-4.75	355	105	V
2	5.735	-82.53	PK	34.8	8.9	11.8	-27.03	-27	-.03	355	105	V

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

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 7.347	40.5	PK1	35.3	-28.3	0	47.5	-	-	74	-26.5	-	-	248	261	H
	* 7.347	32.1	AD1	35.3	-28.3	.09	39.19	54	-14.81	-	-	-	-	248	261	H
6	*	36.52	PK1	37.7	-22.8	0	51.42	-	-	74	-22.58	-	-	226	177	H
	11.027															
	*	25.1	AD1	37.7	-22.8	.09	40.09	54	-13.91	-	-	-	-	226	177	H
	11.027															
3	* 7.347	42.08	PK1	35.3	-28.3	0	49.08	-	-	74	-24.92	-	-	335	225	V
	* 7.347	36.45	AD1	35.3	-28.3	.09	43.54	54	-10.46	-	-	-	-	335	225	V
5	* 11.02	37.23	PK1	37.7	-22.8	0	52.13	-	-	74	-21.87	-	-	280	357	V
	*	25.81	AD1	37.7	-22.8	.09	40.8	54	-13.2	-	-	-	-	280	357	V
	11.021															
2	6.429	46.6	PK1	35.7	-29.1	0	53.2	-	-	-	-	68.2	-15	308	226	H
1	6.429	46.7	PK1	35.7	-29.1	0	53.3	-	-	-	-	68.2	-14.9	141	143	V
8	16.521	37.12	PK1	41.3	-20.7	0	57.72	-	-	-	-	68.2	-10.48	91	131	H
7	16.545	35.77	PK1	41.3	-20.9	0	56.17	-	-	-	-	68.2	-12.03	44	305	V

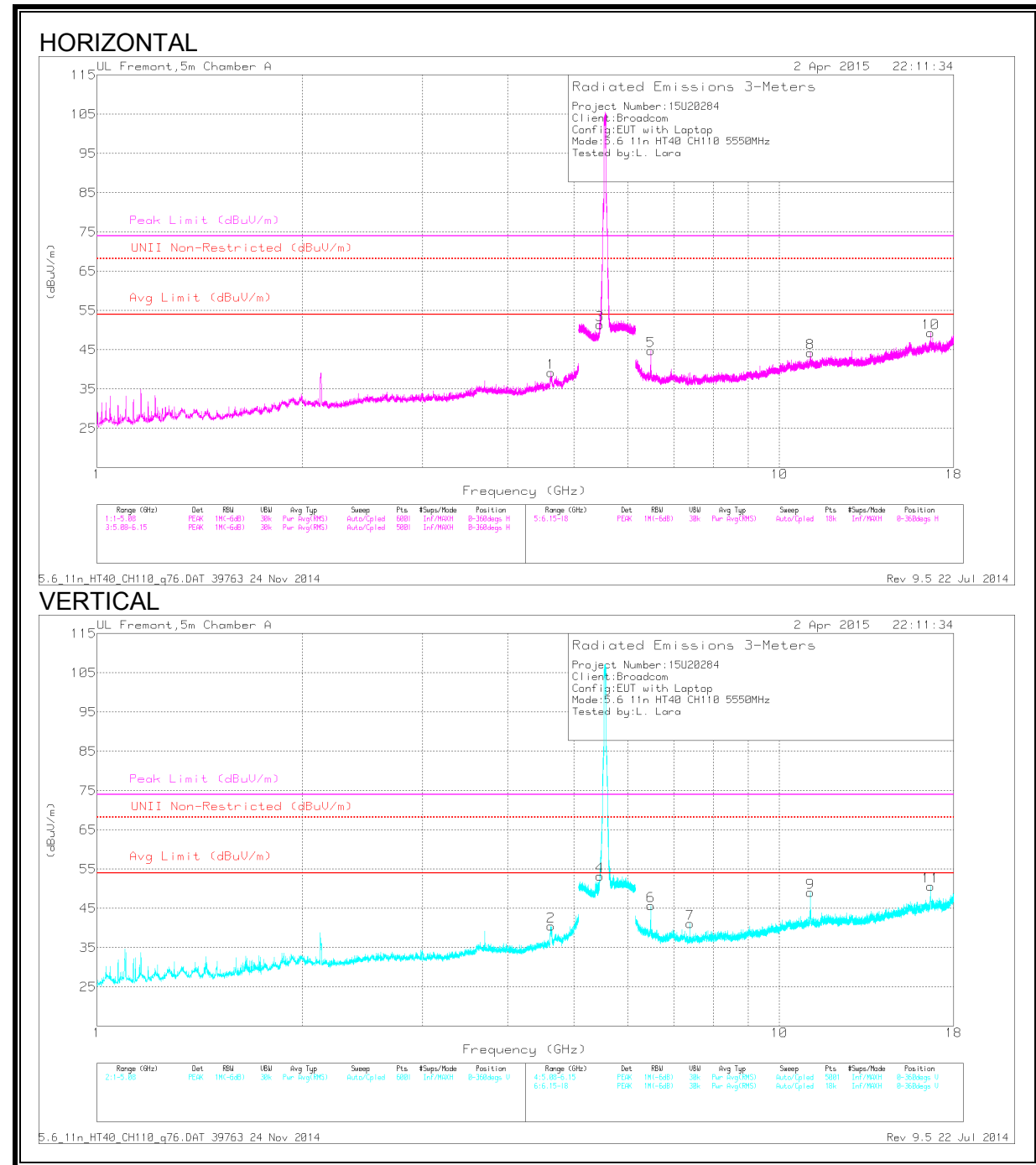
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

MID CHANNEL



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	* 4.635	42.82	PK1	34.1	-29.1	0	47.82	-	-	74	-26.18	-	-	293	222	H
	* 4.625	33.7	AD1	34.1	-29.1	.09	38.79	54	-15.21	-	-	-	-	293	222	H
2	* 4.625	43.52	PK1	34.1	-29.1	0	48.52	-	-	74	-25.48	-	-	107	205	V
	* 4.625	35.38	AD1	34.1	-29.1	.09	40.47	54	-13.53	-	-	-	-	107	205	V
3	* 5.454	47.84	PK1	34.5	-18.1	0	64.24	-	-	74	-9.76	-	-	55	246	H
	* 5.459	33.01	AD1	34.5	-18.1	.09	49.5	54	-4.5	-	-	-	-	55	246	H
4	* 5.459	49.59	PK1	34.5	-18.1	0	65.99	-	-	74	-8.01	-	-	66	291	V
	* 5.459	36.42	AD1	34.5	-18.1	.09	52.91	54	-1.09	-	-	-	-	66	291	V
8	* 11.113	37.32	PK1	37.8	-22.9	0	52.22	-	-	74	-21.78	-	-	311	209	H
	* 11.101	26.88	AD1	37.8	-22.9	.09	41.87	54	-12.13	-	-	-	-	311	209	H
7	* 7.401	40.45	PK1	35.4	-27.7	0	48.15	-	-	74	-25.85	-	-	334	196	V
	* 7.401	34.23	AD1	35.4	-27.7	.09	42.02	54	-11.98	-	-	-	-	334	196	V
9	* 11.097	38.56	PK1	37.8	-23	0	53.36	-	-	74	-20.64	-	-	158	118	V
	* 11.102	28.09	AD1	37.8	-22.9	.09	43.08	54	-10.92	-	-	-	-	158	118	V
5	6.476	44.97	PK1	35.8	-29.2	0	51.57	-	-	-	-	68.2	-16.63	311	206	H
6	6.476	45.46	PK1	35.8	-29.2	0	52.06	-	-	-	-	68.2	-16.14	143	230	V
10	16.638	37.54	PK1	41.4	-20.3	0	58.64	-	-	-	-	68.2	-9.56	100	109	H
11	16.642	38.42	PK1	41.4	-20.3	0	59.52	-	-	-	-	68.2	-8.68	131	218	V

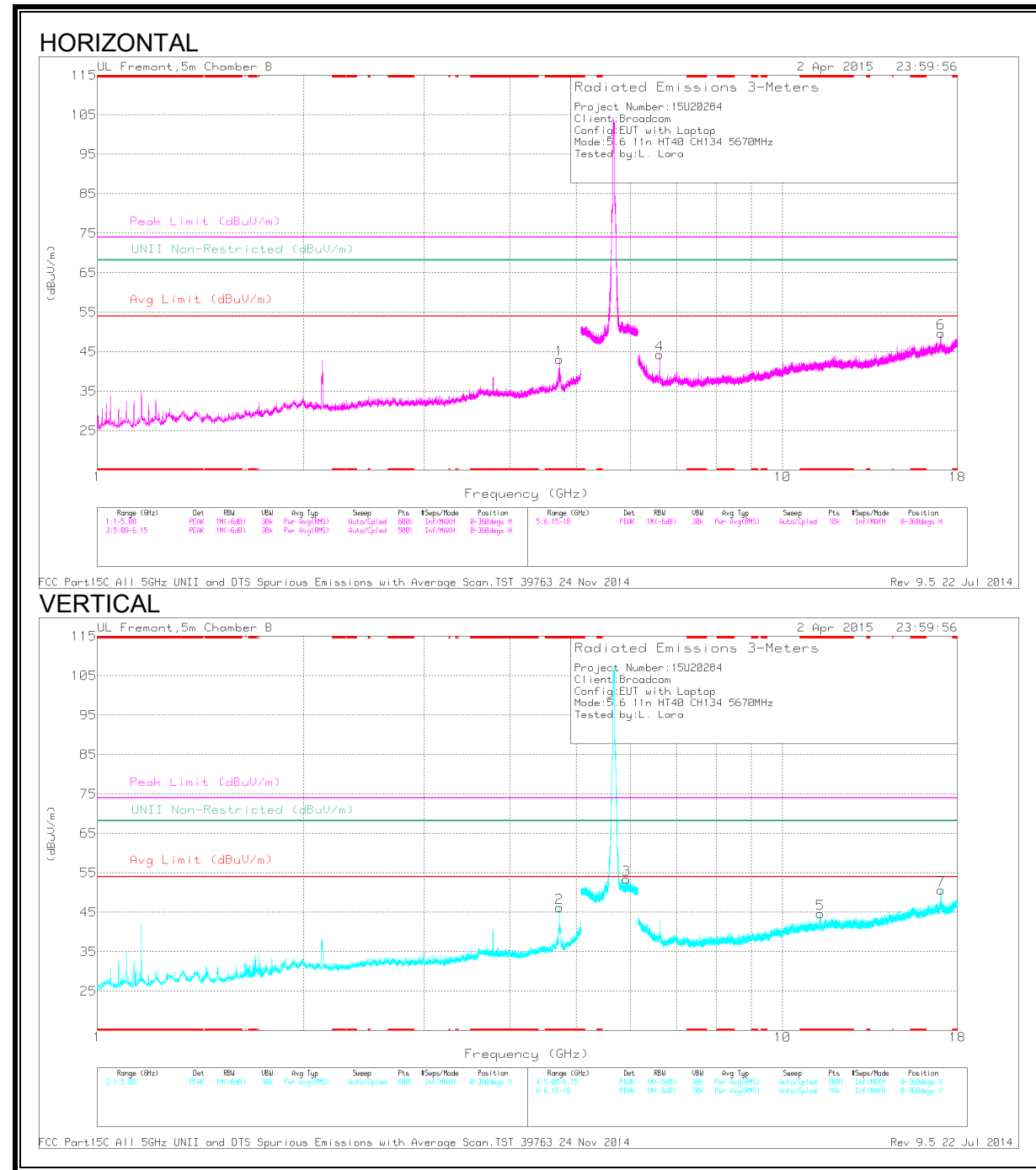
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL



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	* 4.73	46.41	PK1	34.3	-29.7	0	51.01	-	-	74	-22.99	-	-	143	223	H
	* 4.725	39.74	AD1	34.3	-29.7	.09	44.43	54	-9.57	-	-	-	-	143	223	H
2	* 4.725	49.19	PK1	34.3	-29.7	0	53.79	-	-	74	-20.21	-	-	154	142	V
	* 4.725	43.1	AD1	34.3	-29.7	.09	47.79	54	-6.21	-	-	-	-	154	142	V
5	* 11.342	39.73	PK1	38	-22.8	0	54.93	-	-	74	-19.07	-	-	286	237	V
	* 11.341	28.55	AD1	38	-22.8	.09	43.84	54	-10.16	-	-	-	-	286	237	V
3	5.917	42.32	PK1	35.5	-17.5	0	60.32	-	-	-	-	68.2	-7.88	59	119	V
4	6.615	42.71	PK1	36	-28	0	50.71	-	-	-	-	68.2	-17.49	348	215	H
6	17.002	36.4	PK1	41.6	-20.2	0	57.8	-	-	-	-	68.2	-10.4	93	138	H
7	17.002	38.26	PK1	41.6	-20.2	0	59.66	-	-	-	-	68.2	-8.54	103	122	V

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

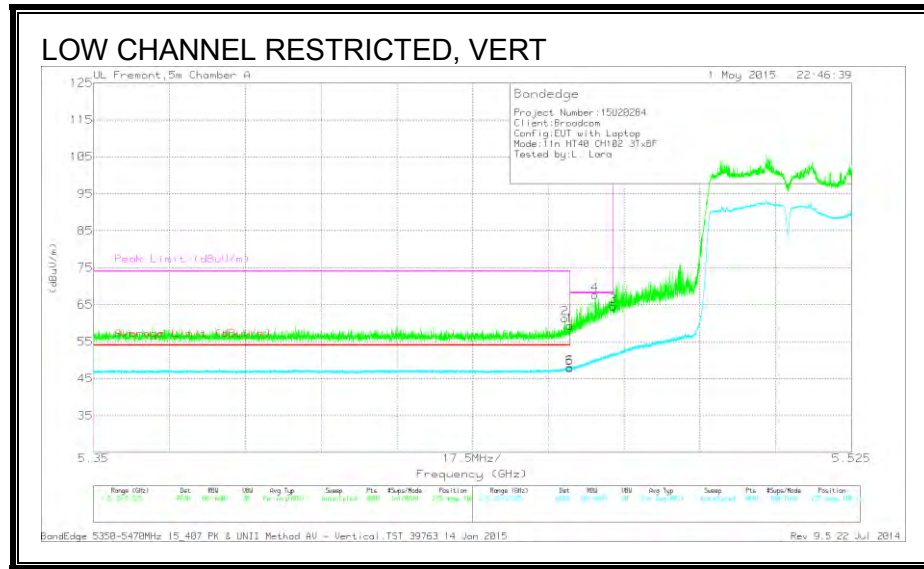
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.27. TX ABOVE 1 GHz 802.11n HT40 TxBF 3TX MODE IN THE 5.6 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



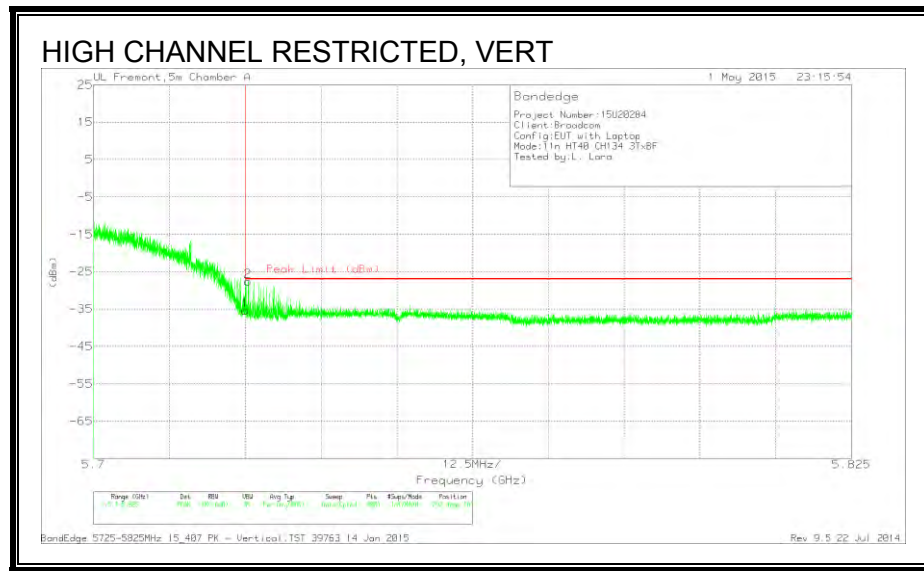
Trace Markers

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
2	* 5.459	19.21	PK	34.5	7.6	0	61.31	-	-	74	-12.69	275	108	V
1	* 5.46	17.22	PK	34.5	7.6	0	59.32	-	-	74	-14.68	275	108	V
5	* 5.46	4.93	RMS	34.5	7.6	.82	47.85	54	-6.15	-	-	275	108	V
6	* 5.46	5.08	RMS	34.5	7.6	.82	48	54	-6	-	-	275	108	V
4	5.466	25.57	PK	34.5	7.6	0	67.67	-	-	68.2	-53	275	108	V
3	5.47	22.36	PK	34.5	7.7	0	64.56	-	-	68.2	-3.64	275	108	V

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

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL)



Trace Markers

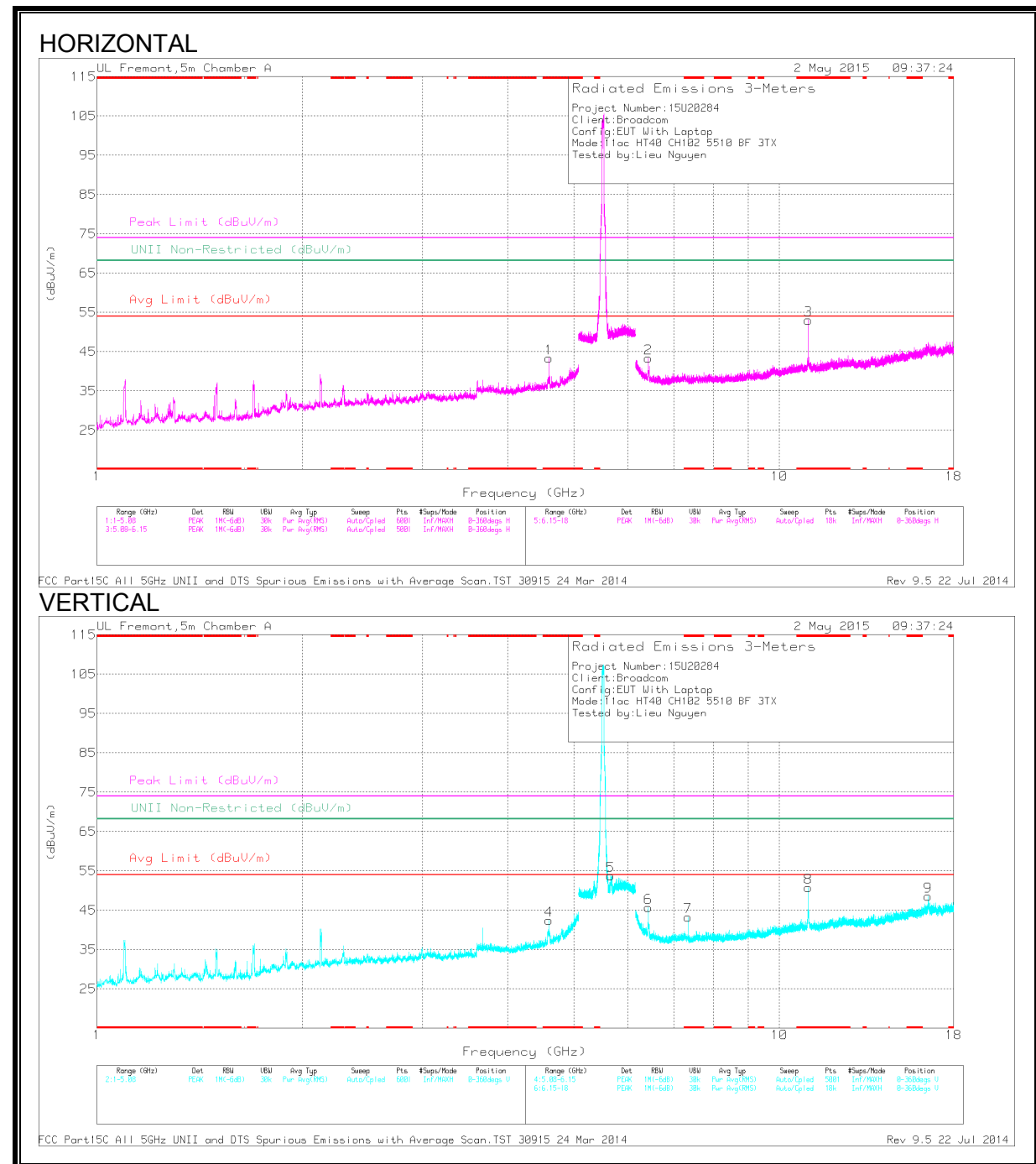
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-89.73	PK	34.7	7.8	11.8	-35.43	-27	-8.43	292	109	V
2	5.725	-81.88	PK	34.7	7.8	11.8	-27.58	-27	-.58	292	109	V

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

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW 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	* 4.592	46.85	PK1	34	-31.6	0	49.25	-	-	74	-24.75	-	-	274	179	H
	* 4.592	39.66	AD1	34	-31.6	.82	42.88	54	-11.12	-	-	-	-	274	179	H
4	* 4.592	47.47	PK1	34	-31.6	0	49.87	-	-	74	-24.13	-	-	163	389	V
	* 4.592	40.72	AD1	34	-31.6	.82	43.94	54	-10.06	-	-	-	-	163	389	V
3	* 11.021	39.62	PK1	37.9	-23	0	54.52	-	-	74	-19.48	-	-	107	114	H
	* 11.021	26.27	AD1	37.9	-23	.82	41.99	54	-12.01	-	-	-	-	107	114	H
7	* 7.347	41.11	PK1	35.5	-26.8	0	49.81	-	-	74	-24.19	-	-	192	262	V
	* 7.347	34.25	AD1	35.5	-26.8	.82	43.77	54	-10.23	-	-	-	-	192	262	V
8	* 11.021	43.96	PK1	37.9	-23	0	58.86	-	-	74	-15.14	-	-	360	103	V
	* 11.021	28.42	AD1	37.9	-23	.82	44.14	54	-9.86	-	-	-	-	360	103	V
5	5.66	48.46	PK1	34.6	-20.6	0	62.46	-	-	-	-	68.2	-5.74	292	101	V
2	6.429	43.1	PK1	35.5	-28.1	0	50.5	-	-	-	-	68.2	-17.7	194	283	H
6	6.429	45.52	PK1	35.5	-28.1	0	52.92	-	-	-	-	68.2	-15.28	276	128	V
9	16.521	38.94	PK1	41.6	-23.5	0	57.04	-	-	-	-	68.2	-11.16	272	182	V

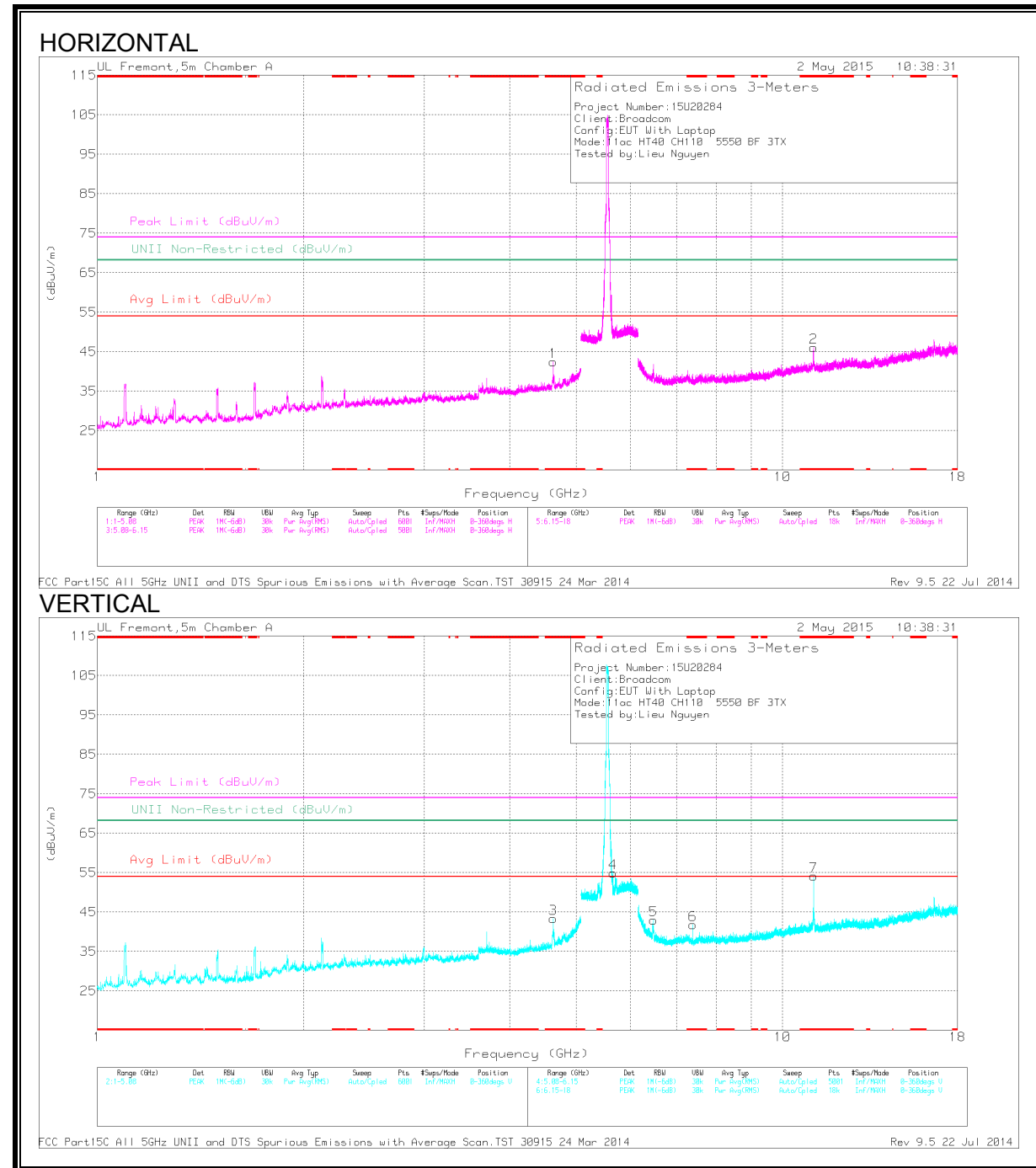
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

MID 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	* 4.625	44.92	PK1	34	-31	0	47.92	-	-	74	-26.08	-	-	31	240	H
	* 4.625	36.28	AD1	34	-31	.82	40.1	54	-13.9	-	-	-	-	31	240	H
3	* 4.625	46.78	PK1	34	-31	0	49.78	-	-	74	-24.22	-	-	4	158	V
	* 4.625	37.91	AD1	34	-31	.82	41.73	54	-12.27	-	-	-	-	4	158	V
2	* 11.101	43.34	PK1	37.9	-23.1	0	58.14	-	-	74	-15.86	-	-	28	251	H
	* 11.101	28.44	AD1	37.9	-23.1	.82	44.06	54	-9.94	-	-	-	-	28	251	H
6	* 7.401	39.45	PK1	35.6	-27.1	0	47.95	-	-	74	-26.05	-	-	110	172	V
	* 7.401	31.1	AD1	35.6	-27.1	.82	40.42	54	-13.58	-	-	-	-	110	172	V
7	* 11.101	44.52	PK1	37.9	-23.1	0	59.32	-	-	74	-14.68	-	-	298	362	V
	* 11.101	29.15	AD1	37.9	-23.1	.82	44.77	54	-9.23	-	-	-	-	298	362	V
4	5.655	51.55	PK1	34.6	-20.6	0	65.55	-	-	-	-	68.2	-2.65	186	311	V
5	6.475	44	PK1	35.5	-28.6	0	50.9	-	-	-	-	68.2	-17.3	278	112	V

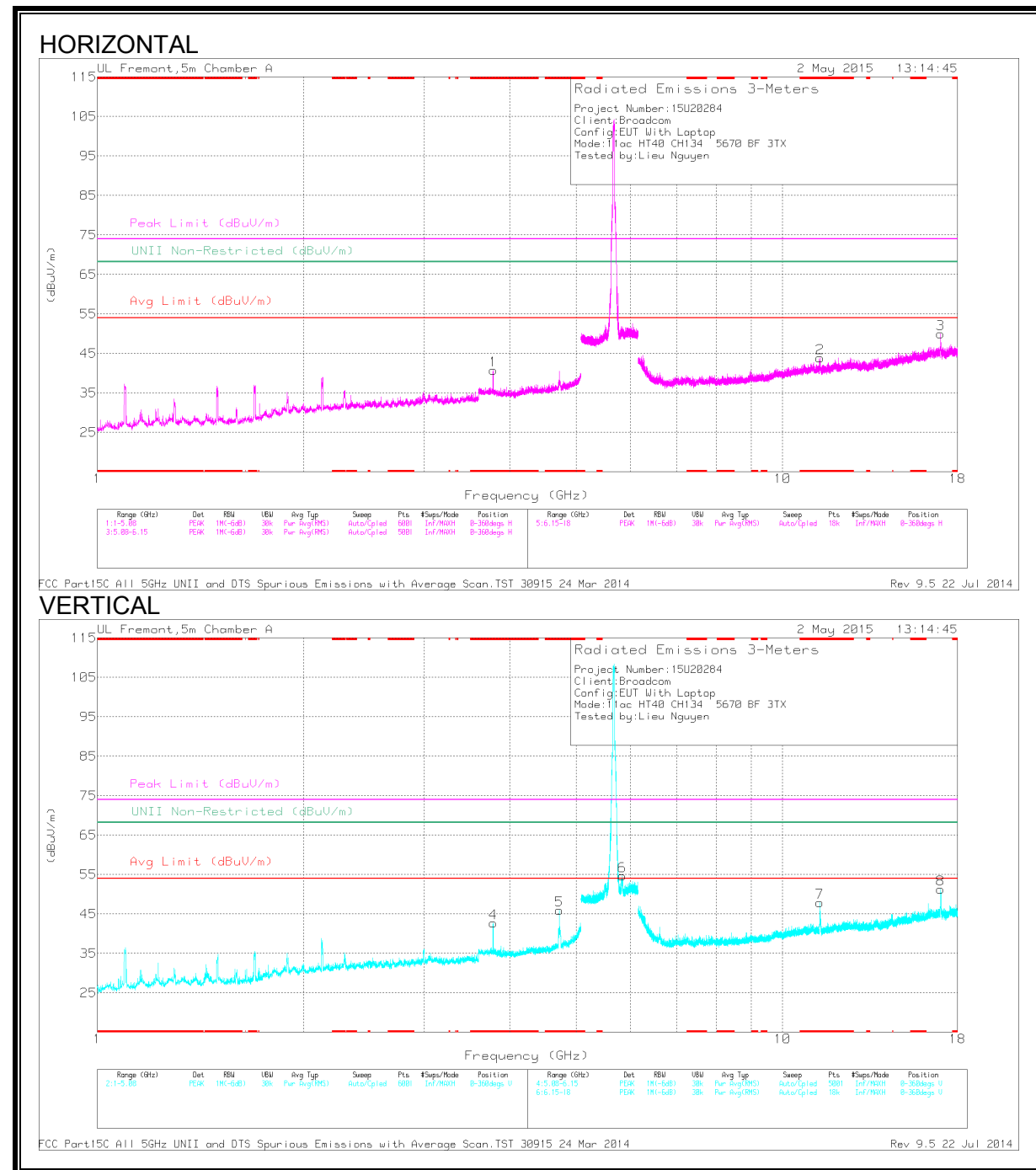
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL



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

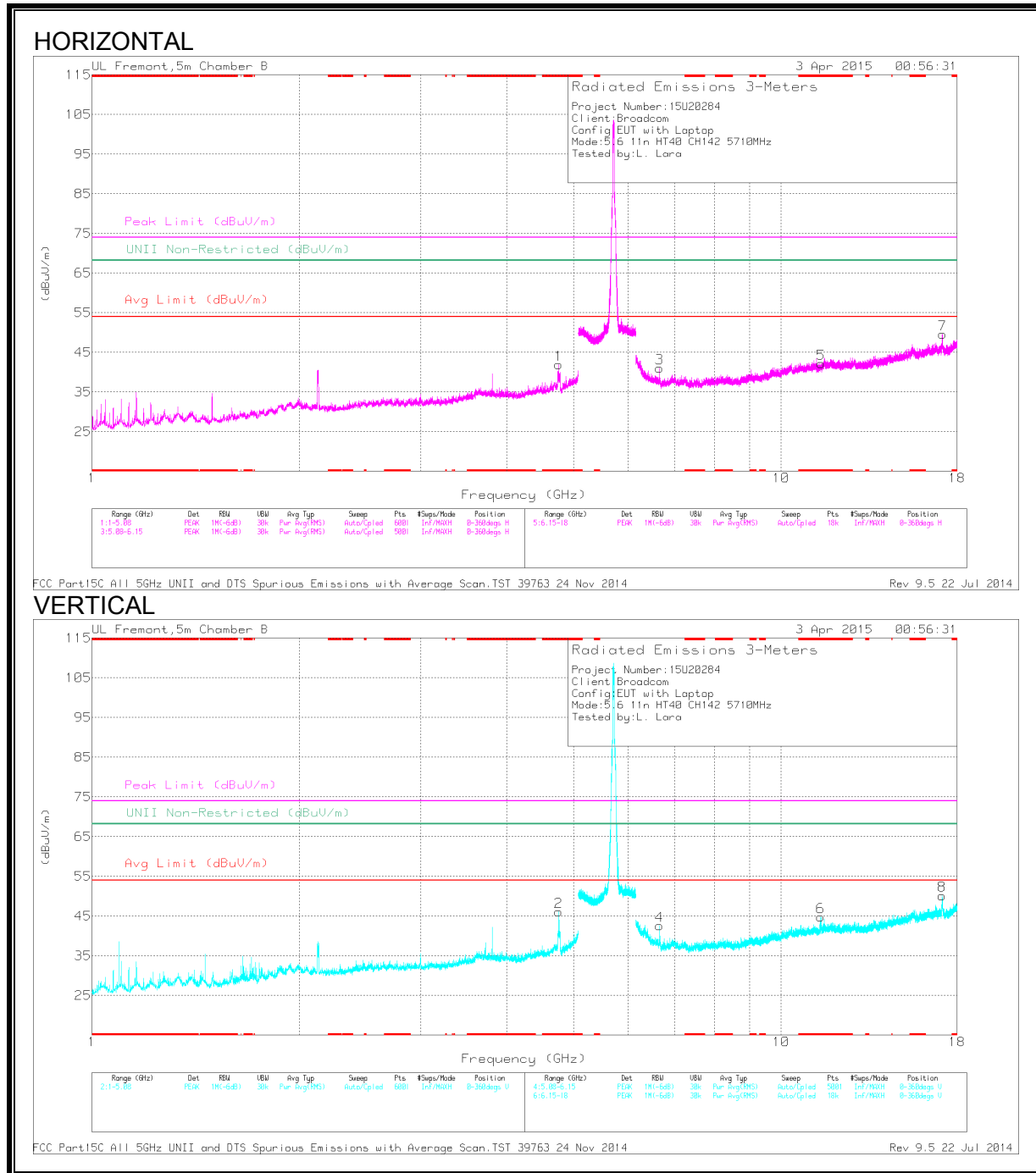
PK - Peak detector

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

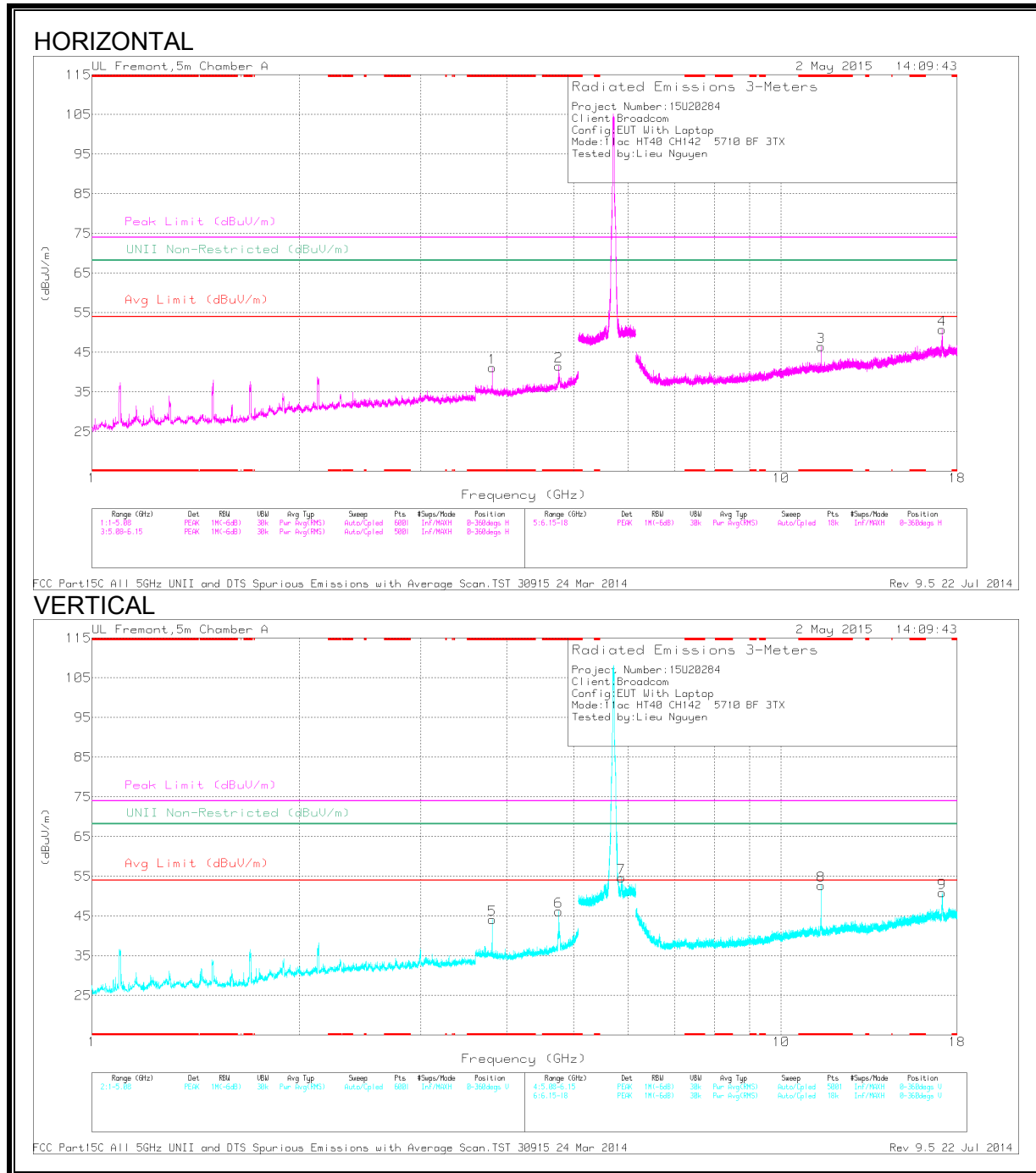
PK - Peak detector

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

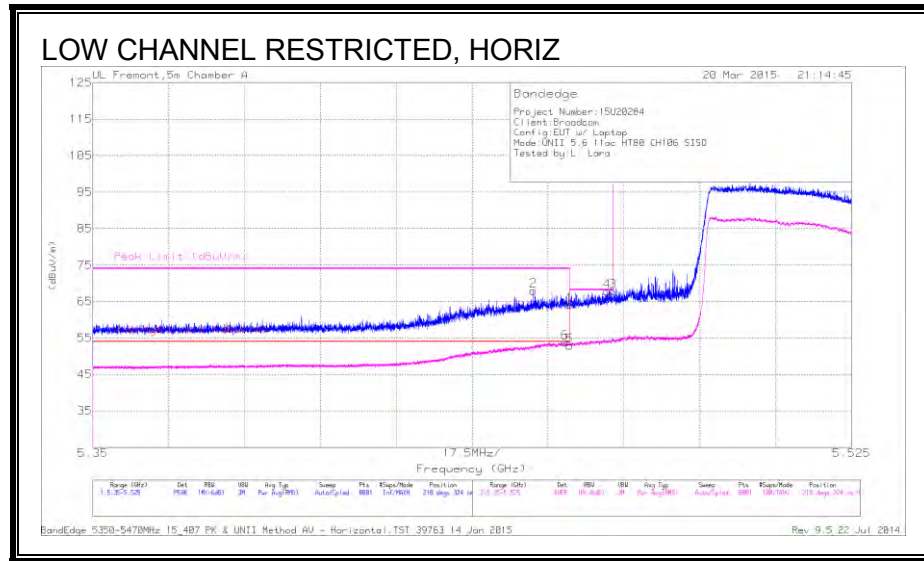
PK - Peak detector

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)



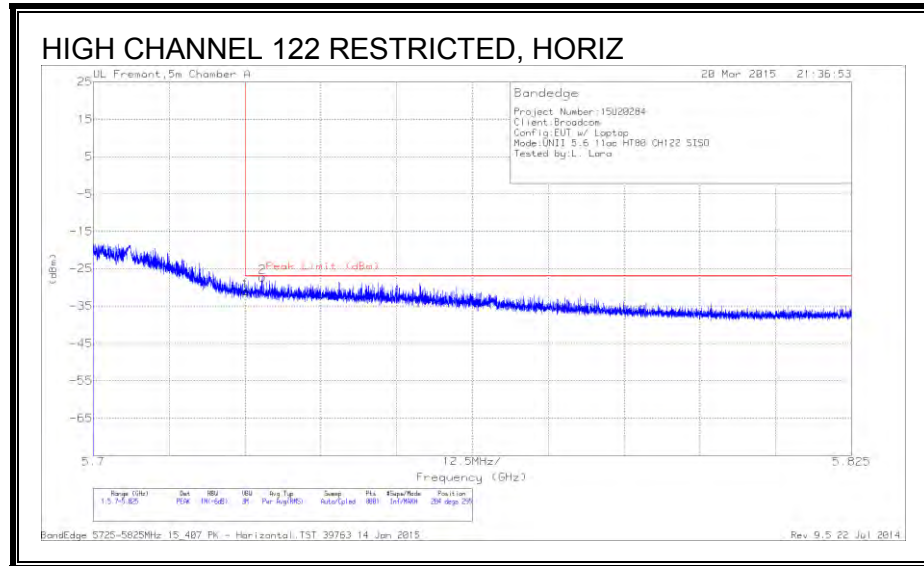
Trace Markers

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

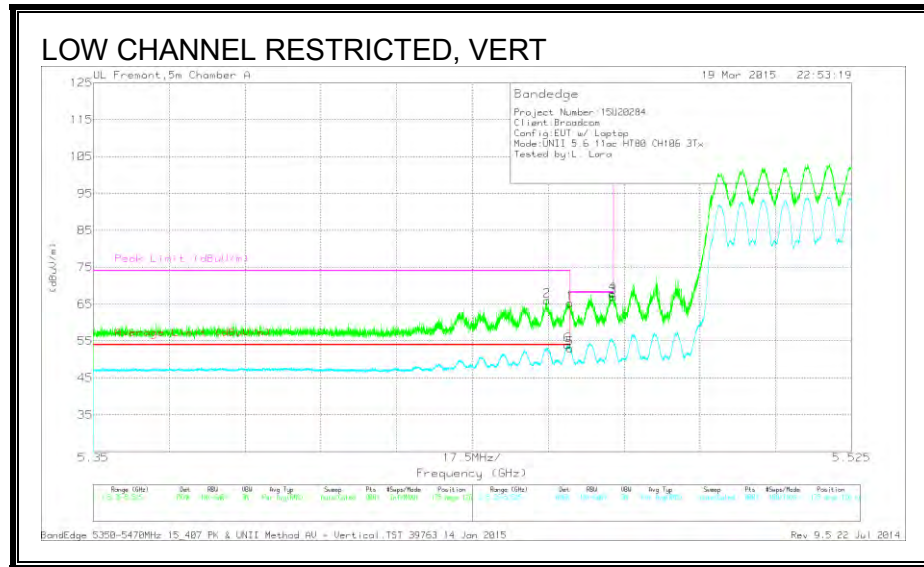
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-86.51	PK	34.7	8.9	11.8	-31.11	-27	-4.11	204	295	H
2	5.728	-82.66	PK	34.7	8.9	11.8	-27.26	-27	-.26	204	295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



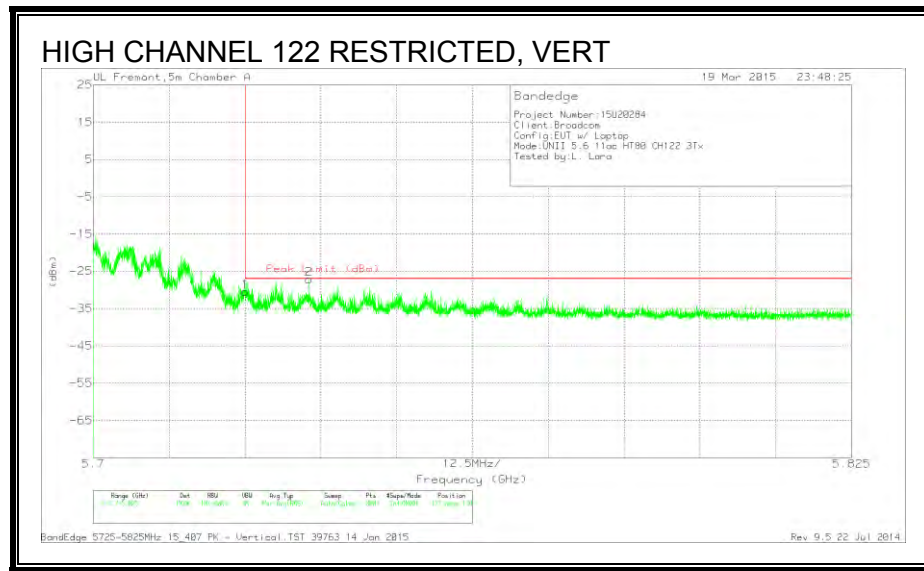
Trace Markers

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

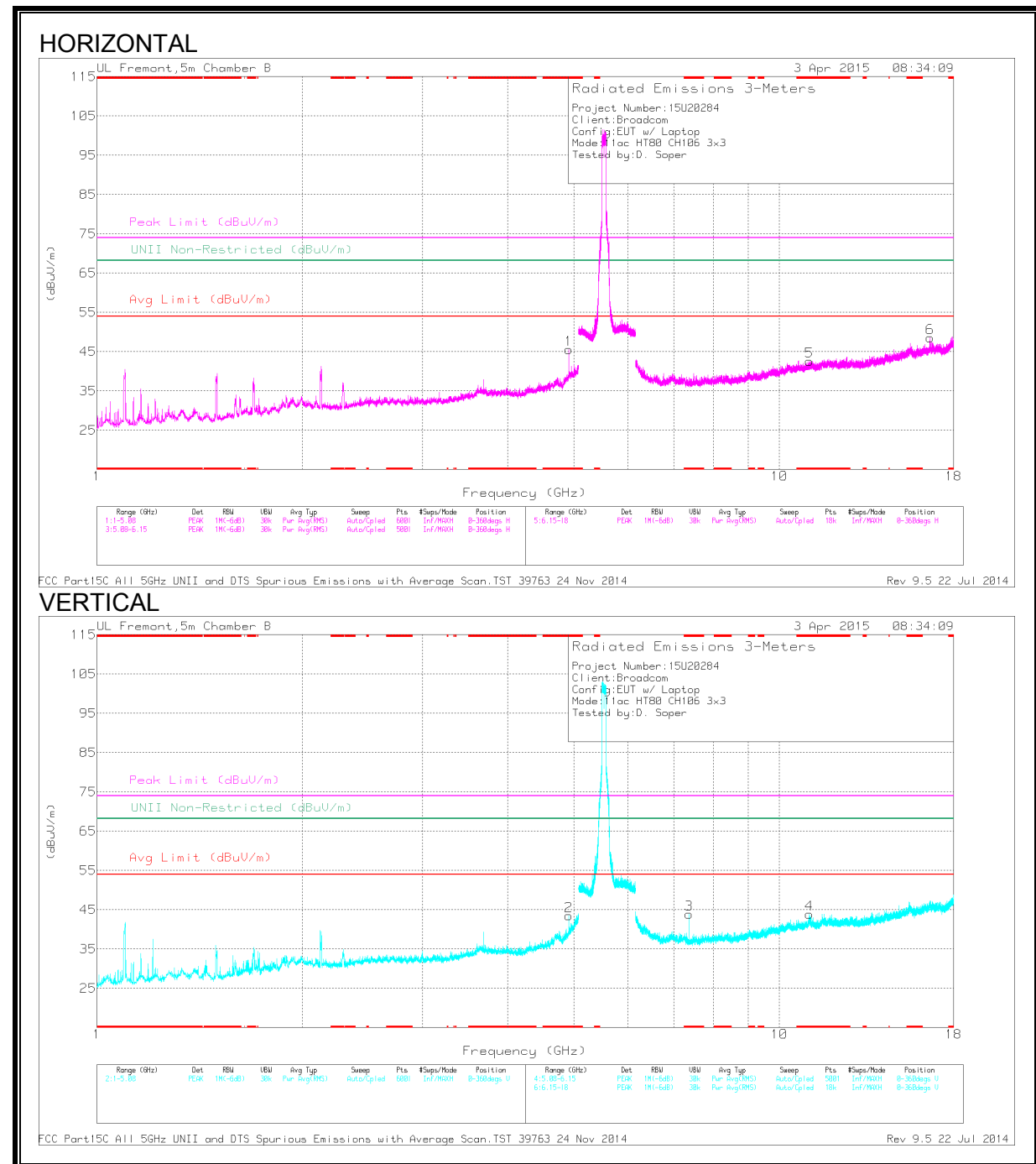
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-85.93	PK	34.7	8.9	11.8	0	-30.53	-27	-3.53	177	130	V
2	5.736	-82.65	PK	34.8	8.9	11.8	0	-27.15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

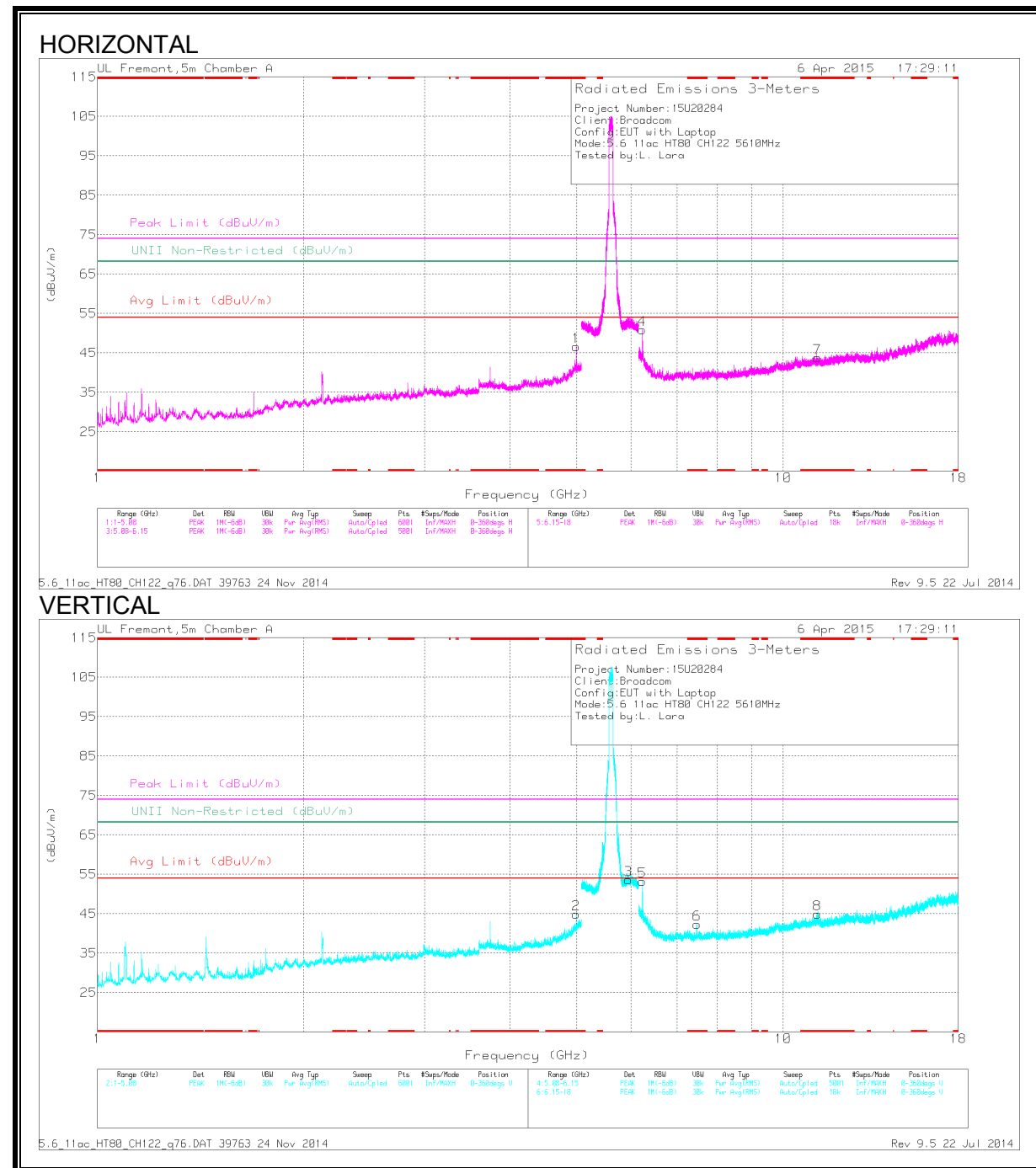
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

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

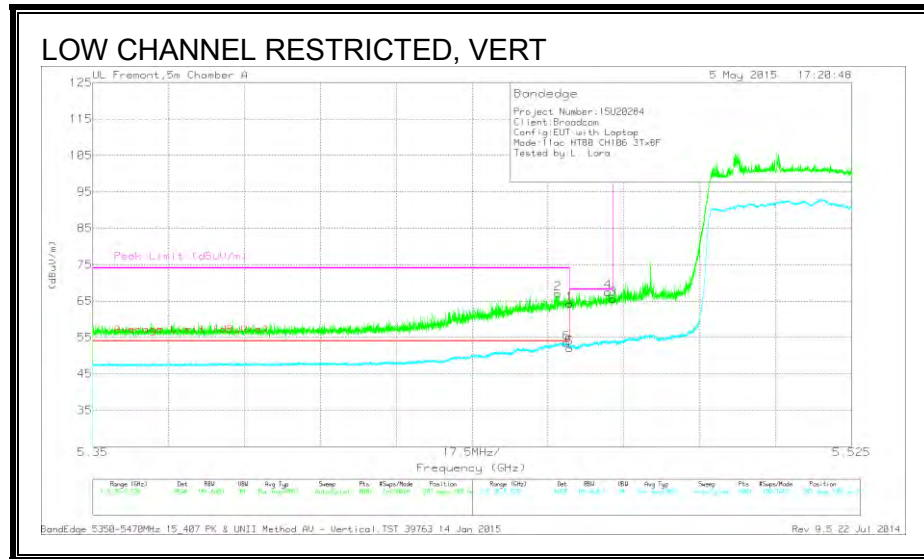
PK - Peak detector

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)



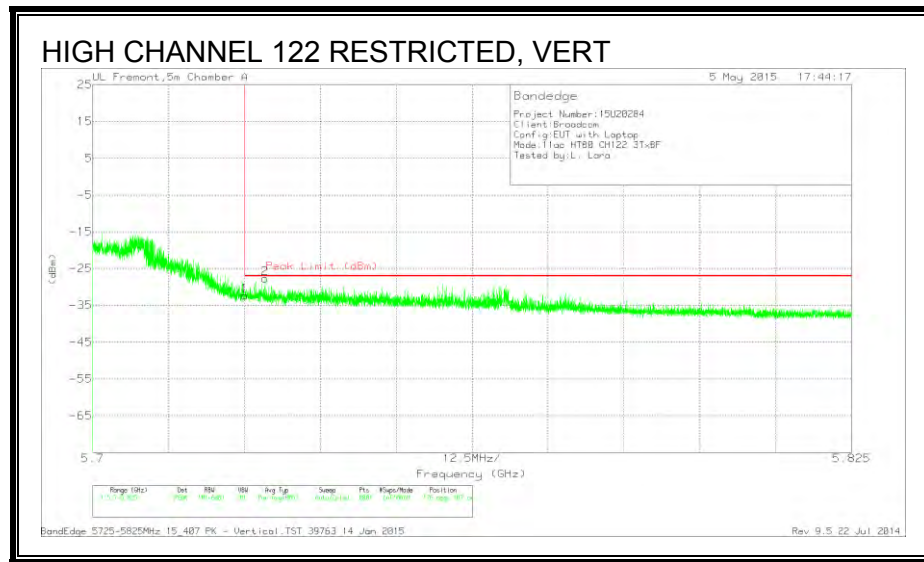
Trace Markers

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

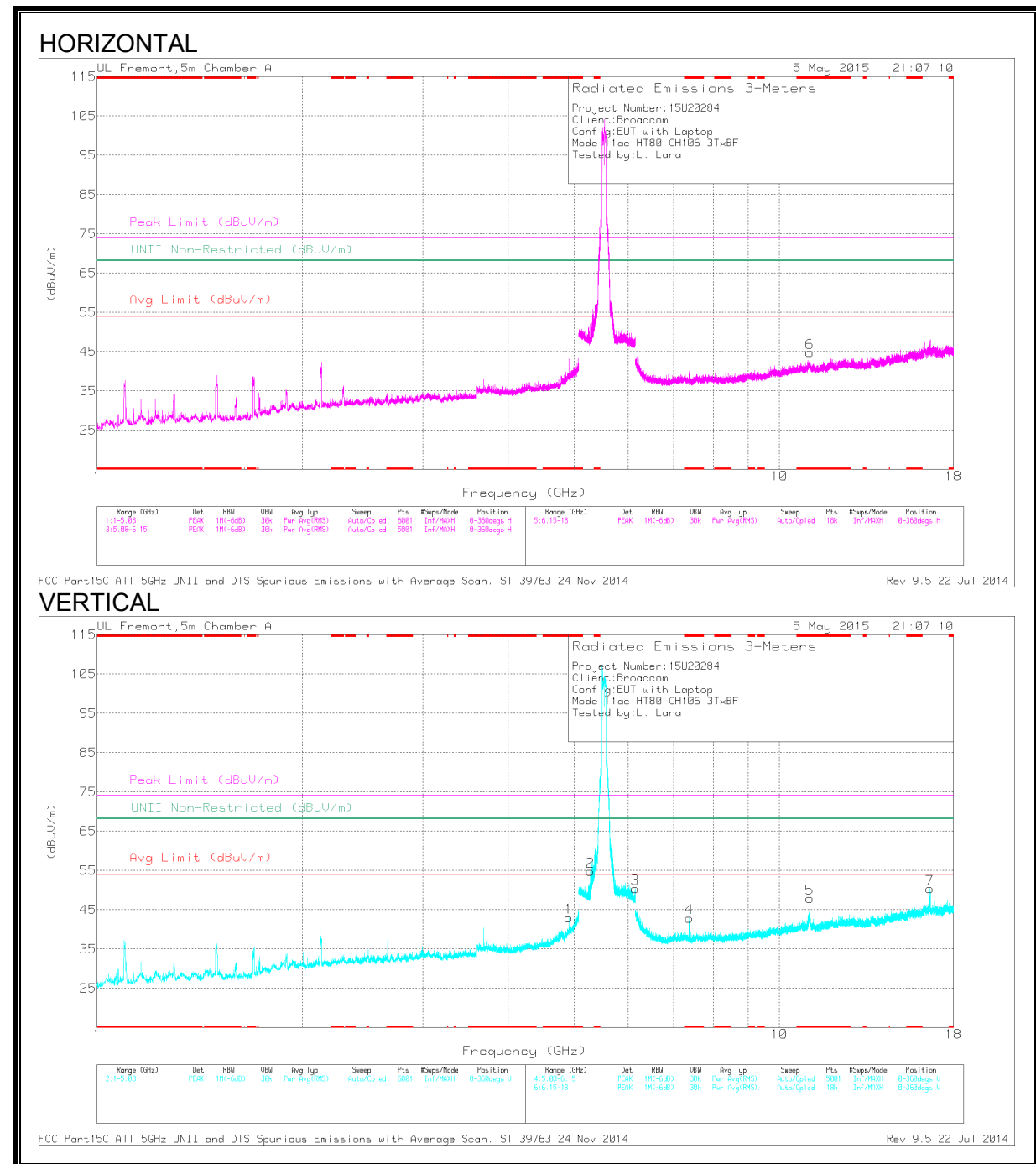
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-86.62	PK	34.7	7.8	11.8	-32.32	-27	-5.32	176	107	V
2	5.728	-81.99	PK	34.7	7.8	11.8	-27.69	-27	-.69	176	107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

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

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL106



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
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

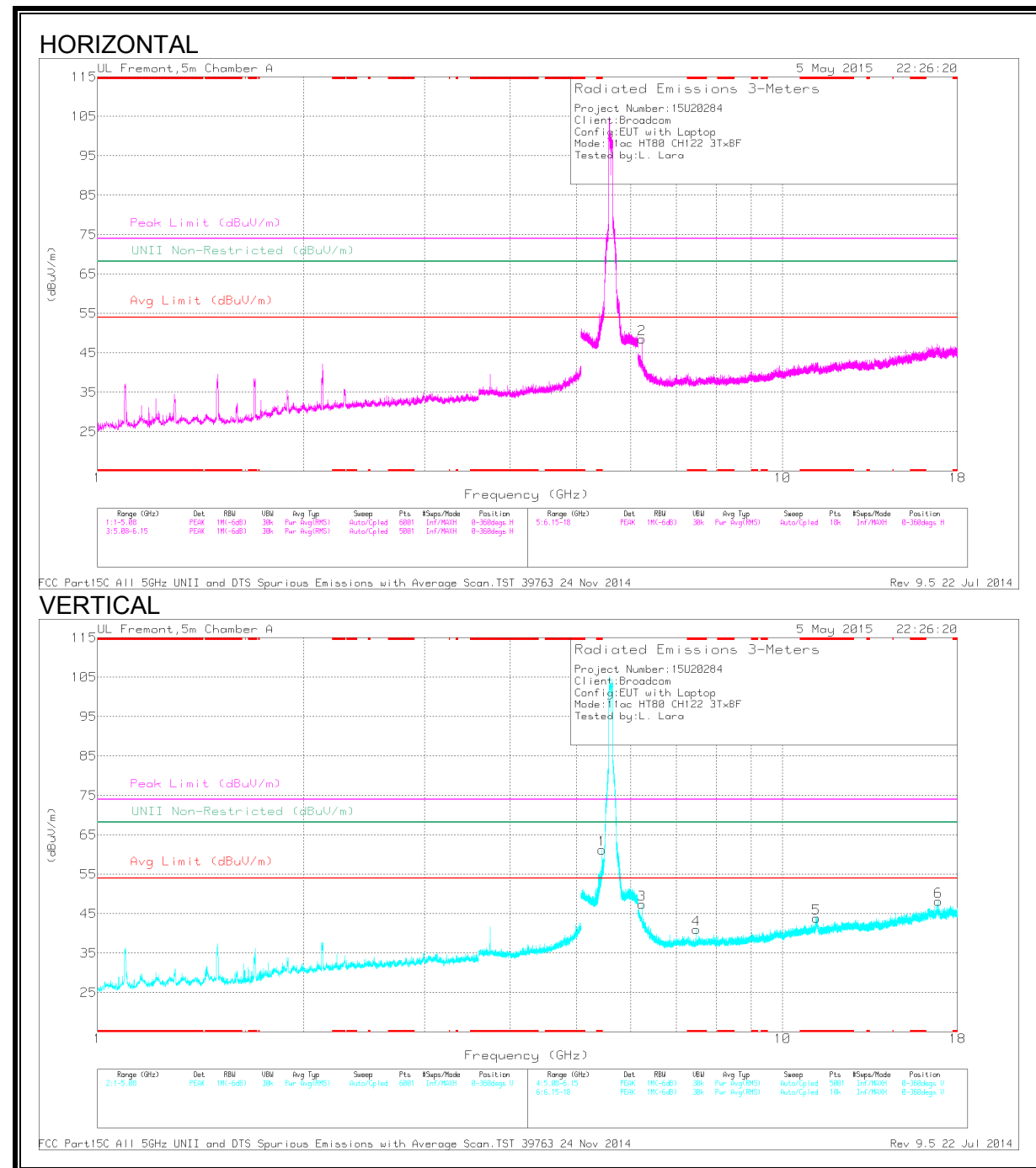
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

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/Filt/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

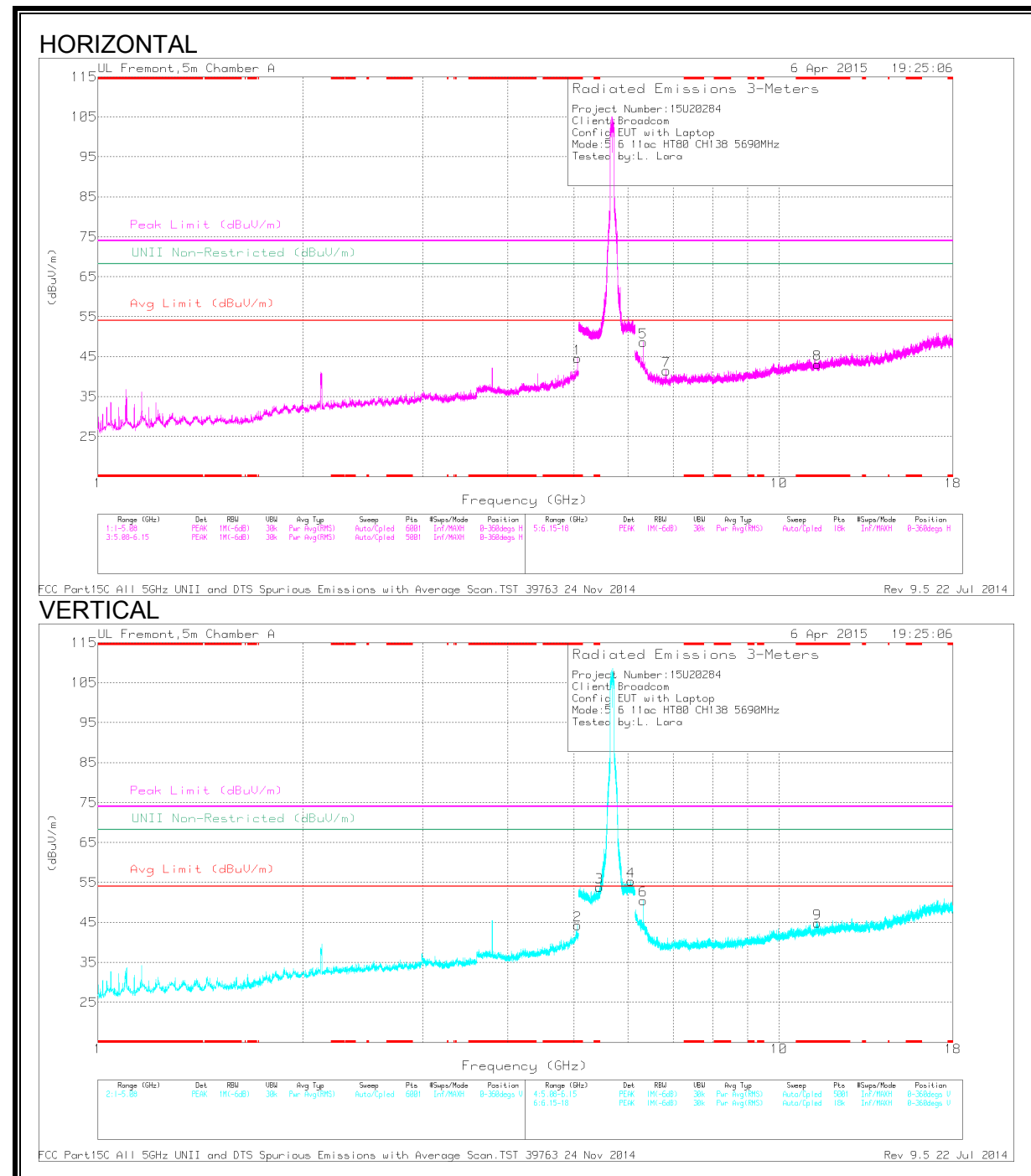
PK - Peak detector

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

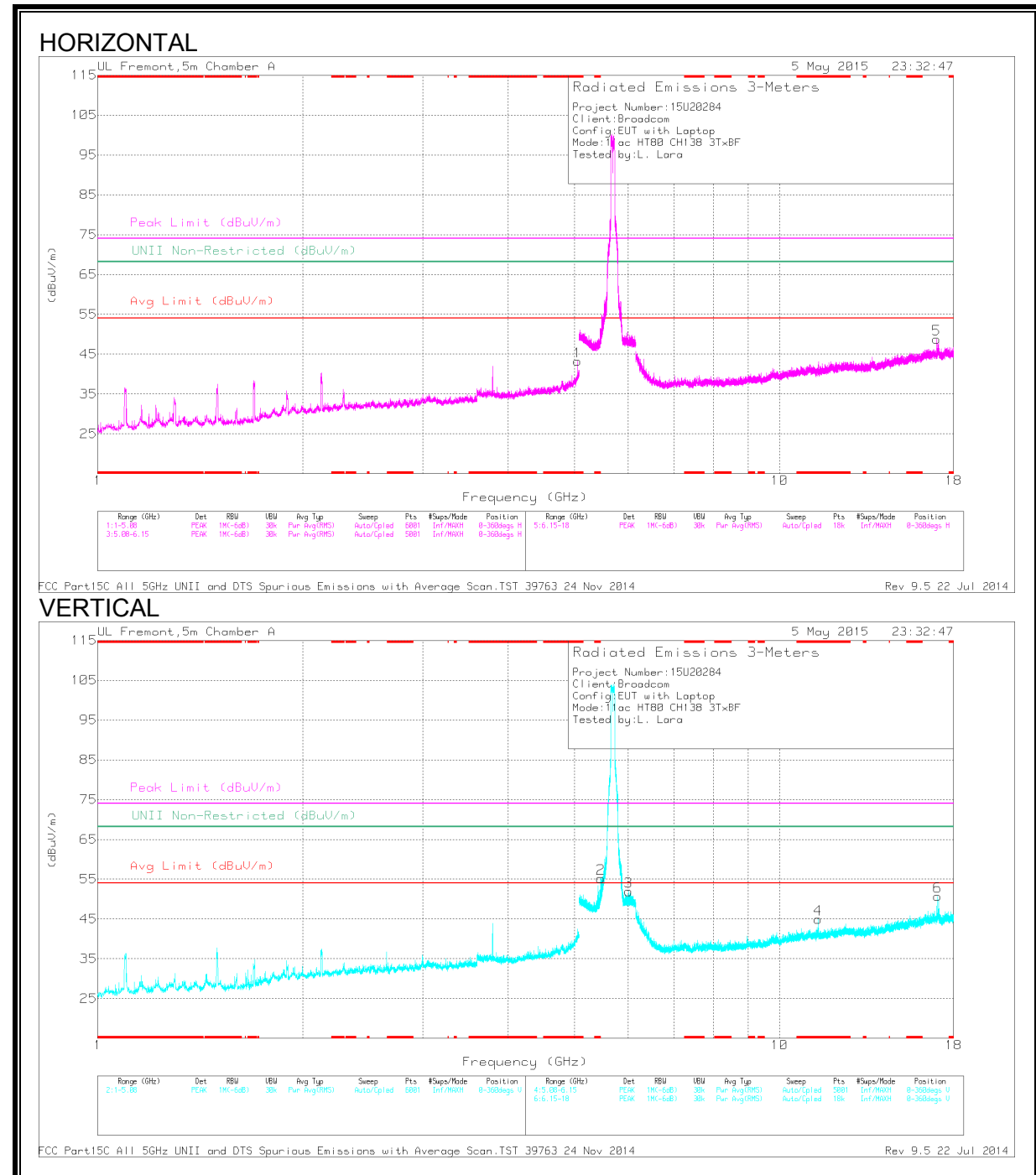
PK - Peak detector

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

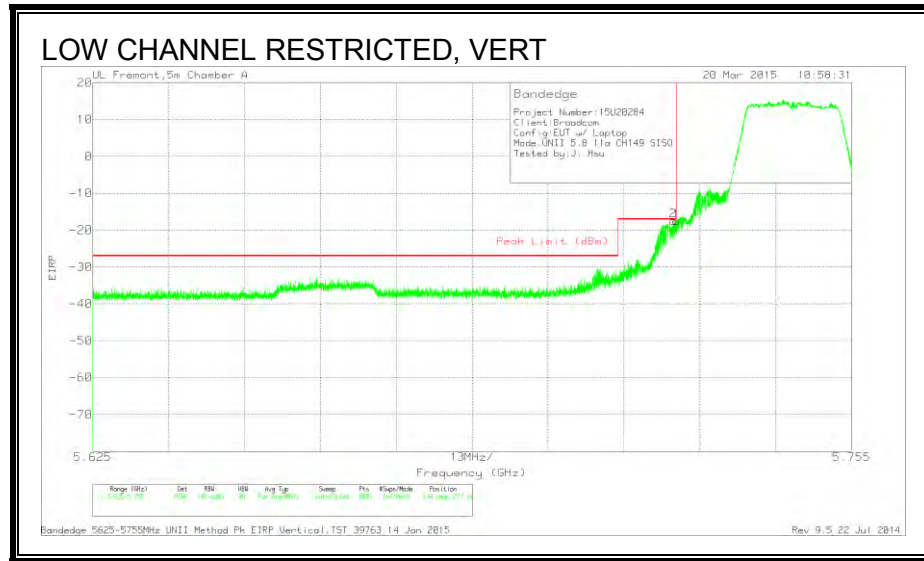
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.35. TX ABOVE 1 GHz 802.11a 1Tx MODE IN THE 5.8 GHz BAND

RESTRICTED BANDEGE (LOW CHANNEL)



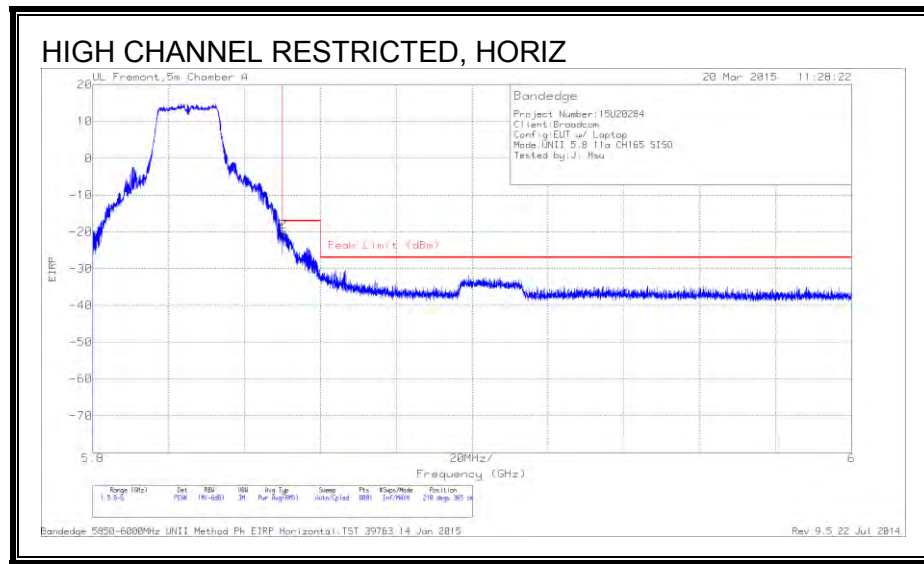
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.724	-72.86	PK	34.7	8.9	11.8	-17.46	-17	-.46	144	277	V
1	5.725	-72.96	PK	34.7	8.9	11.8	-17.56	-17	-.56	144	277	V

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

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL)



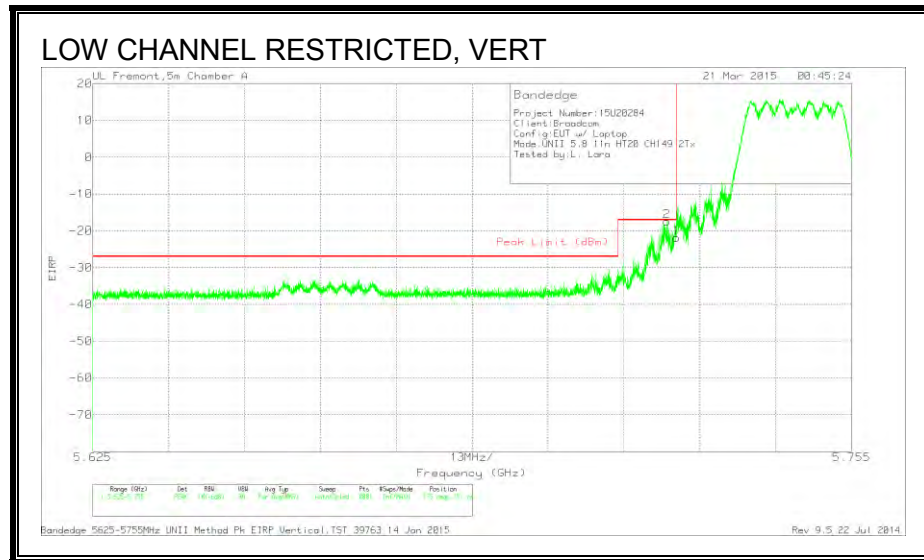
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-76.48	PK	35.1	9	11.8	-20.58	-17	-3.58	210	365	H
2	5.85	-75.91	PK	35.1	9	11.8	-20.01	-17	-3.01	210	365	H

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

PK - Peak detector
RMS - RMS detection

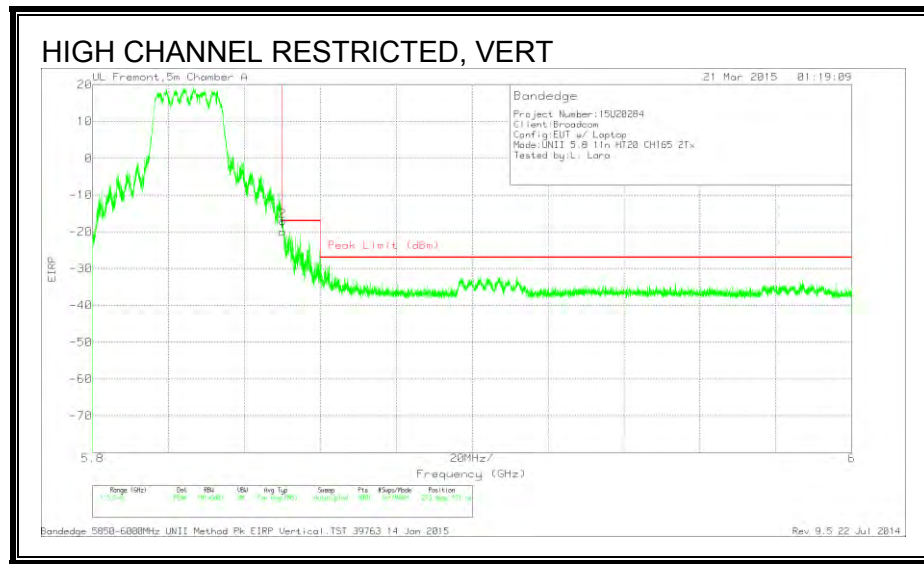
RESTRICTED BANDEDGE (LOW CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.723	-72.8	PK	34.7	8.9	11.8	-17.4	-17	-.4	175	151	V
1	5.725	-77.19	PK	34.7	8.9	11.8	-21.79	-17	-4.79	175	151	V

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL)



Trace Markers

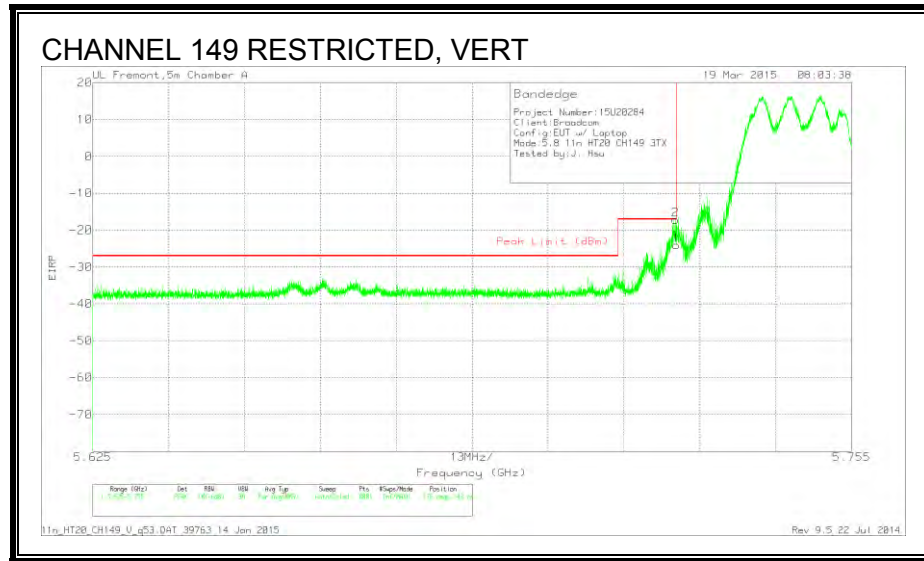
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-75.93	PK	35.1	9	11.8	-20.03	-17	-3.03	273	151	V
2	5.85	-72.92	PK	35.1	9	11.8	-17.02	-17	-.02	273	151	V

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

PK - Peak detector
RMS - RMS detection

9.37. TX ABOVE 1 GHz 802.11n HT20 CDD 3Tx MODE IN THE 5.8 GHz BAND

RESTRICTED BANDEGE (CHANNEL 149)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-79.46	PK	34.7	8.9	11.8	-24.06	-17	-7.06	176	143	V
2	5.725	-72.6	PK	34.7	8.9	11.8	-17.2	-17	-.2	176	143	V

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

PK - Peak detector

CHANNEL 153 RESTRICTED, VERT

UL Fremont, 5m Chamber A

21 Mar 2015 00:07:31

Bandedge

Project Number: 15028284

Client: Broadcom

Config: EUT w/ Laptop

Made: UNII S-B 11m HT20 CH153 3Tx

Tested by: L. Lora

Peak Limit (dBm)

EIRP

Frequency (GHz)

Range (GHz)	Set	RBW	VBW	Avg Type	Sweep	Pre	Flags/Mode	Position
5.625-5.75	153	40 kHz	5	Per Spectrum	1000000	0dB	153/300	153 reg. 50

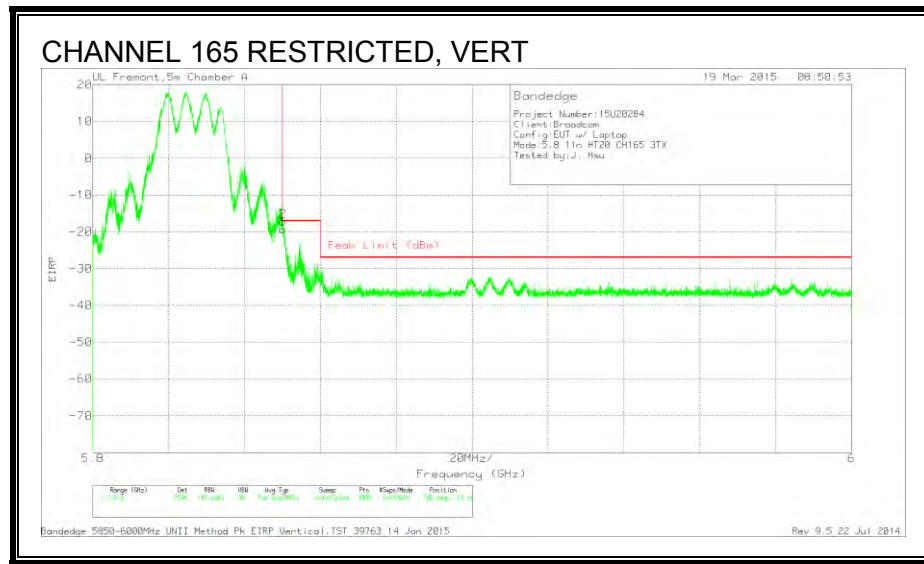
Bandedge 5625-5750MHz UNII Method Pk EIRP Vertical, TST 39763 14 Jan 2015

Rev 9.5.22 Jul 2014

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.715	-82.92	PK	34.7	9	11.8	-27.42	-27	-.42	179	120	V
1	5.725	-84.49	PK	34.7	8.9	11.8	-29.09	-17	-12.09	179	120	V

PK - Peak detector

RESTRICTED BANDEDGE (CHANNEL 165)



Trace Markers

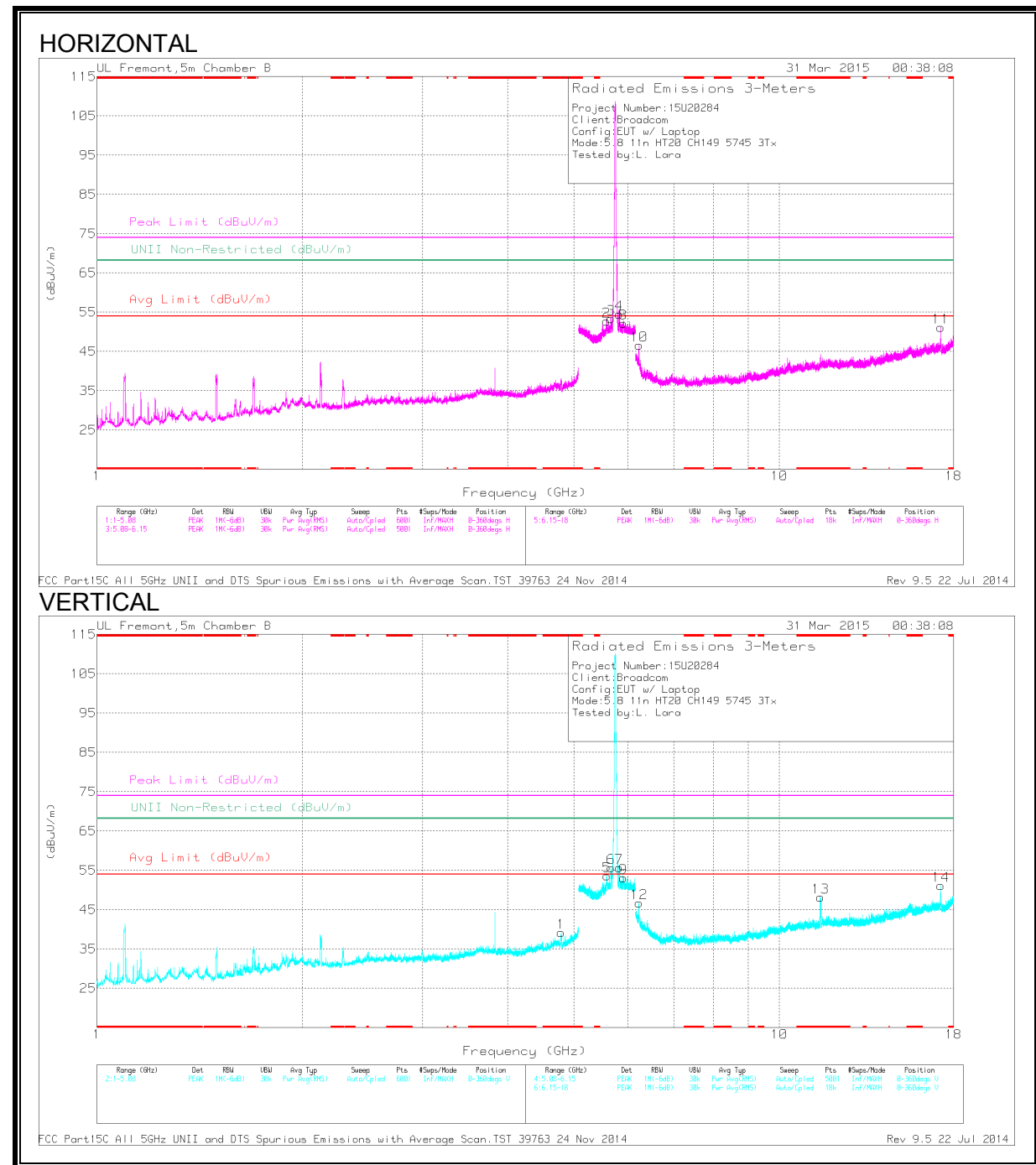
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-75.23	PK	35.1	9	11.8	-19.33	-17	-2.33	100	113	V
2	5.85	-73.13	PK	35.1	9	11.8	-17.23	-17	-.23	100	113	V

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

PK - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr /Pad (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	* 4.788	42.65	PK2	34.3	-29.4	47.55	-	-	74	-26.45	-	-	62	248	V
	* 4.788	33.09	MAv1	34.3	-29.4	37.99	54	-16.01	-	-	-	-	62	248	V
13	* 11.494	42.8	PK2	38.3	-22.5	58.6	-	-	74	-15.4	-	-	313	262	V
	* 11.489	31.81	MAv1	38.3	-22.5	47.61	54	-6.39	-	-	-	-	313	262	V
2	5.585	45.12	PK2	34.7	-18.1	61.72	-	-	-	-	68.2	-6.48	276	236	H
5	5.582	47.08	PK2	34.7	-18	63.78	-	-	-	-	68.2	-4.42	239	238	V
3	5.658	45.86	PK2	34.9	-18	62.76	-	-	-	-	68.2	-5.44	92	338	H
6	5.671	46.74	PK2	34.9	-18	63.64	-	-	-	-	68.2	-4.56	212	325	V
4	5.82	46.69	PK2	35.3	-17.4	64.59	-	-	-	-	68.2	-3.61	283	240	H
7	5.83	46.97	PK2	35.3	-17.4	64.87	-	-	-	-	68.2	-3.33	151	216	V
9	5.904	44.44	PK2	35.5	-17.5	62.44	-	-	-	-	68.2	-5.76	235	204	V
8	5.909	43.49	PK2	35.5	-17.6	61.39	-	-	-	-	68.2	-6.81	291	252	H
10	6.217	48.4	PK2	35.5	-28.3	55.6	-	-	-	-	68.2	-12.6	282	249	H
12	6.223	48.76	PK2	35.5	-28.5	55.76	-	-	-	-	68.2	-12.44	144	198	V
11	17.231	37.71	PK2	41.1	-20.1	58.71	-	-	-	-	68.2	-9.49	53	212	H
14	17.237	40.45	PK2	41.1	-20.1	61.45	-	-	-	-	68.2	-6.75	328	286	V

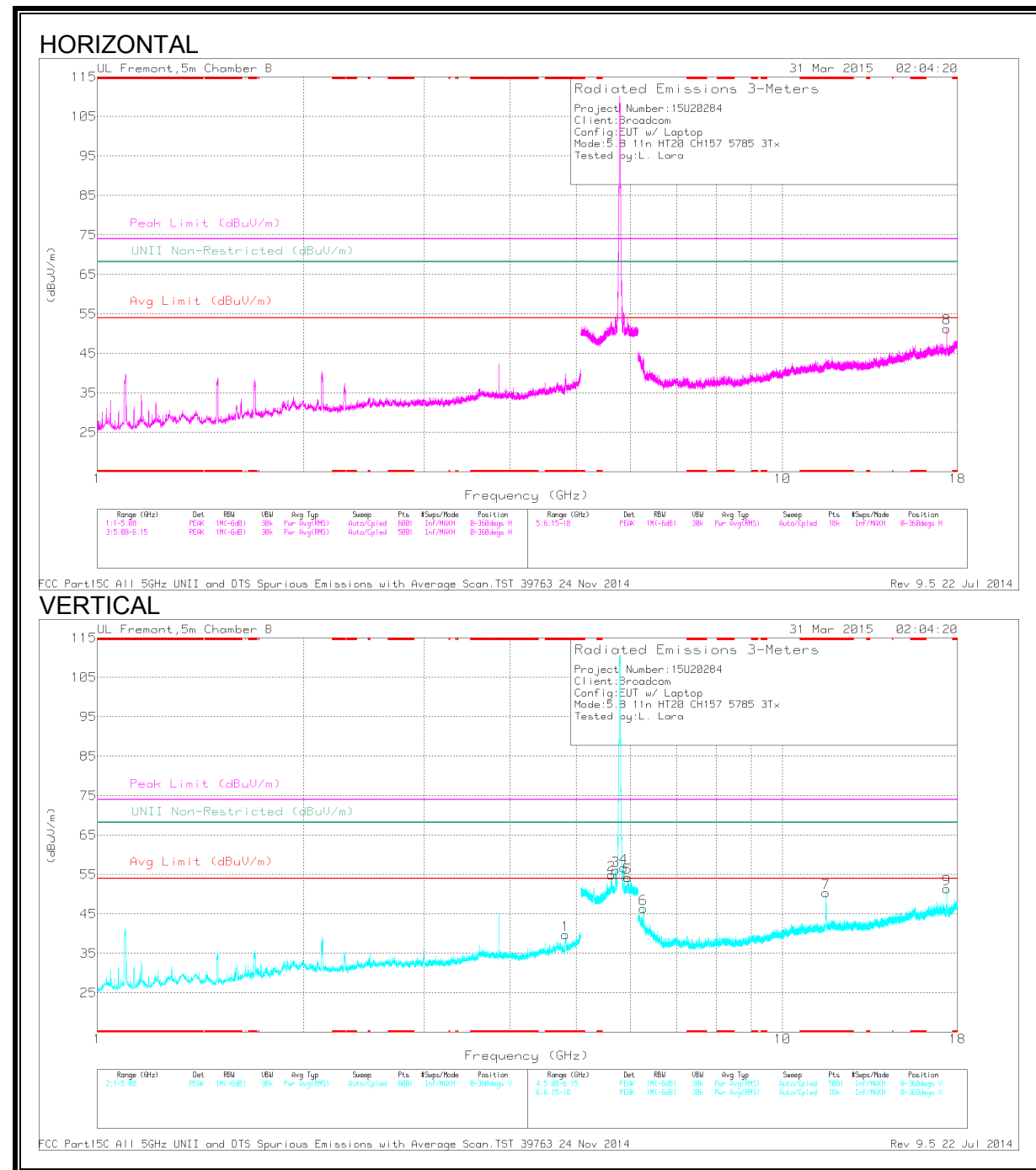
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

MID CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr /Pad (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	* 4.821	42.84	PK2	34.3	-29.7	47.44	-	-	74	-26.56	-	-	67	244	V
	* 4.821	33.41	MAv1	34.3	-29.7	38.01	54	-15.99	-	-	-	-	67	244	V
7	* 11.573	42.1	PK2	38.4	-22.1	58.4	-	-	74	-15.6	-	-	316	283	V
	* 11.573	31.34	MAv1	38.4	-22.1	47.64	54	-6.36	-	-	-	-	316	283	V
2	5.631	46.27	PK2	34.8	-18	63.07	-	-	-	-	68.2	-5.13	212	329	V
3	5.71	46.89	PK2	35	-17.9	63.99	-	-	-	-	68.2	-4.21	252	250	V
4	5.869	47.71	PK2	35.4	-17.4	65.71	-	-	-	-	68.2	-2.49	240	145	V
5	5.945	44.82	PK2	35.6	-17.6	62.82	-	-	-	-	68.2	-5.38	242	128	V
6	6.27	48.12	PK2	35.5	-29	54.62	-	-	-	-	68.2	-13.58	138	200	V
8	17.355	39.51	PK2	40.8	-20.1	60.21	-	-	-	-	68.2	-7.99	273	116	H
9	17.352	38.72	PK2	40.8	-20.1	59.42	-	-	-	-	68.2	-8.78	272	133	V

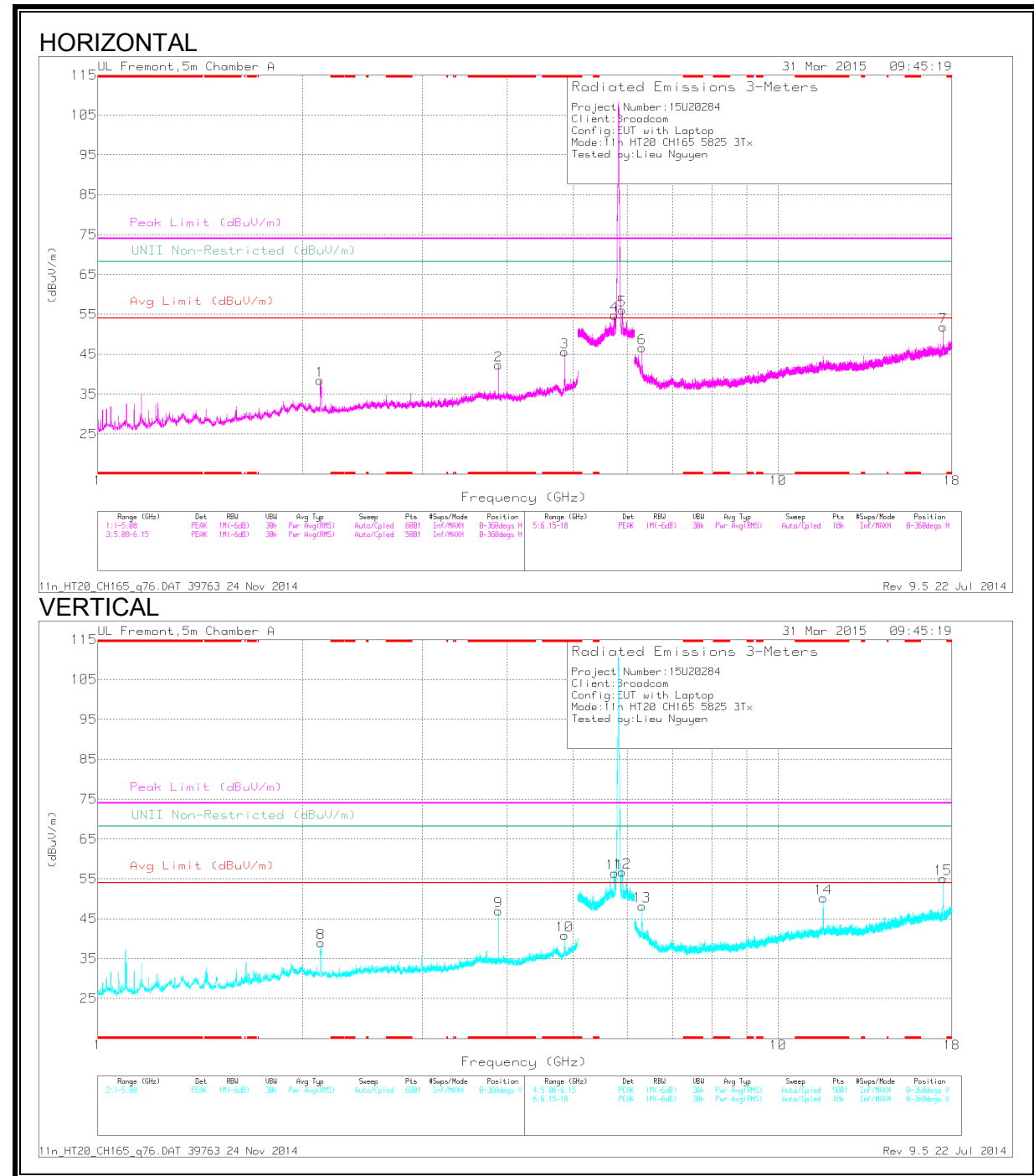
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fitr /Pad (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
2	* 3.884	46.01	PK2	33.5	-31.2	48.31	-	-	74	-25.69	-	-	244	219	H
	* 3.884	40.97	MAv1	33.5	-31.2	43.27	54	-10.73	-	-	-	-	244	219	H
3	* 4.855	47.52	PK2	34.2	-30	51.72	-	-	74	-22.28	-	-	10	222	H
	* 4.855	41.3	MAv1	34.2	-30	45.5	54	-8.5	-	-	-	-	10	222	H
9	* 3.884	48.66	PK2	33.5	-31.2	50.96	-	-	74	-23.04	-	-	196	114	V
	* 3.884	44.93	MAv1	33.5	-31.2	47.23	54	-6.77	-	-	-	-	196	114	V
10	* 4.855	44.08	PK2	34.2	-30	48.28	-	-	74	-25.72	-	-	159	265	V
	* 4.855	36.5	MAv1	34.2	-30	40.7	54	-13.3	-	-	-	-	159	265	V
14	* 11.652	40.86	PK2	38.5	-22.7	56.66	-	-	74	-17.34	-	-	42	218	V
	* 11.653	29.79	MAv1	38.5	-22.7	45.59	54	-8.41	-	-	-	-	42	218	V
1	2.124	52.68	PK1	31.6	-32.8	51.48	-	-	-	-	68.2	-16.72	87	228	H
8	2.127	49.49	PK1	31.6	-32.7	48.39	-	-	-	-	68.2	-19.81	257	228	V
4	5.75	37.41	PK	35.1	-17.7	54.81	-	-	-	-	68.2	-13.39	0-360	199	H
11	5.749	49.62	PK1	35.1	-17.7	67.02	-	-	-	-	68.2	-1.18	88	329	V
5	5.904	49.05	PK1	35.5	-17.5	67.05	-	-	-	-	68.2	-1.15	21	181	H
12	5.902	48.22	PK1	35.5	-17.5	66.22	-	-	-	-	68.2	-1.98	98	141	V
6	6.311	48.19	PK1	35.6	-28.7	55.09	-	-	-	-	68.2	-13.11	358	234	H
13	6.311	49.75	PK1	35.6	-28.7	56.65	-	-	-	-	68.2	-11.55	167	130	V
15	17.477	43.88	PK1	40.7	-20.1	64.48	-	-	-	-	68.2	-3.72	163	119	V
7	17.479	40.28	PK1	40.7	-20.1	60.88	-	-	-	-	68.2	-7.32	193	249	H

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

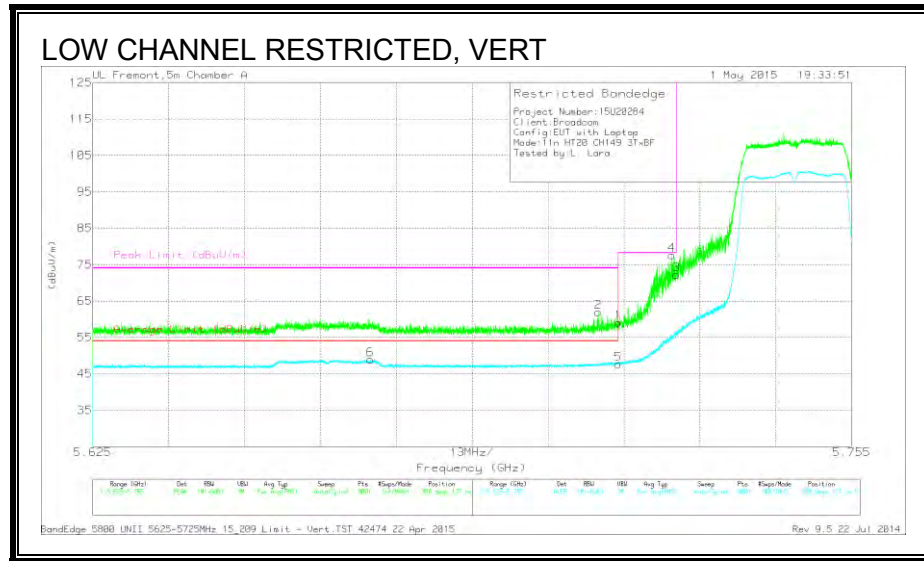
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.38. TX ABOVE 1 GHz 802.11n HT20 TxBF 3Tx MODE IN THE 5.8 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



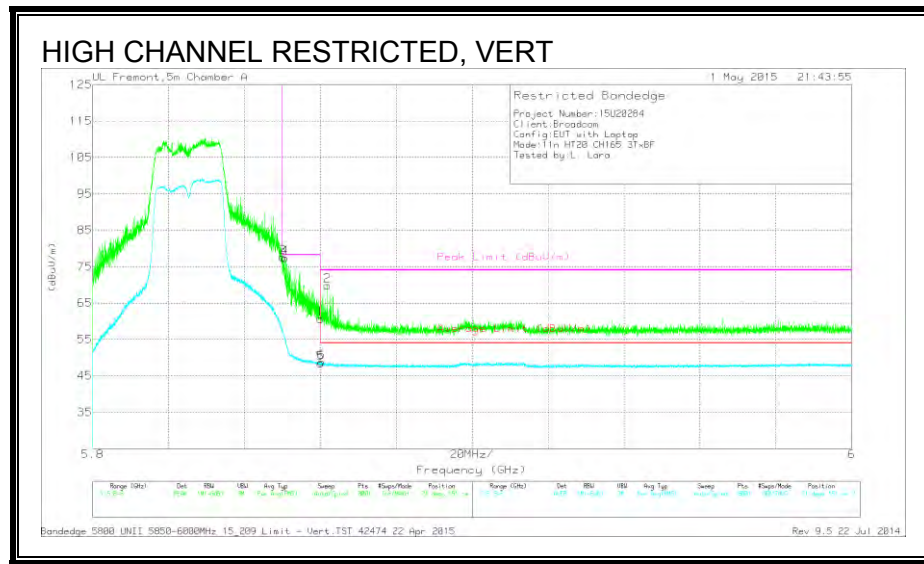
Trace Markers

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
6	5.673	5.87	RMS	34.6	7.8	.65	48.92	54	-5.08	-	-	300	127	V
2	5.712	19.41	PK	34.7	7.8	0	61.91	-	-	74	-12.09	300	127	V
1	5.715	16.65	PK	34.7	7.8	0	59.15	-	-	74	-14.85	300	127	V
5	5.715	4.58	RMS	34.7	7.8	.65	47.73	54	-6.27	-	-	300	127	V
4	5.724	35.07	PK	34.7	7.8	0	77.57	-	-	78.2	-63	300	127	V
3	5.725	29.82	PK	34.7	7.8	0	72.32	-	-	78.2	-5.88	300	127	V

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

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL)



Trace Markers

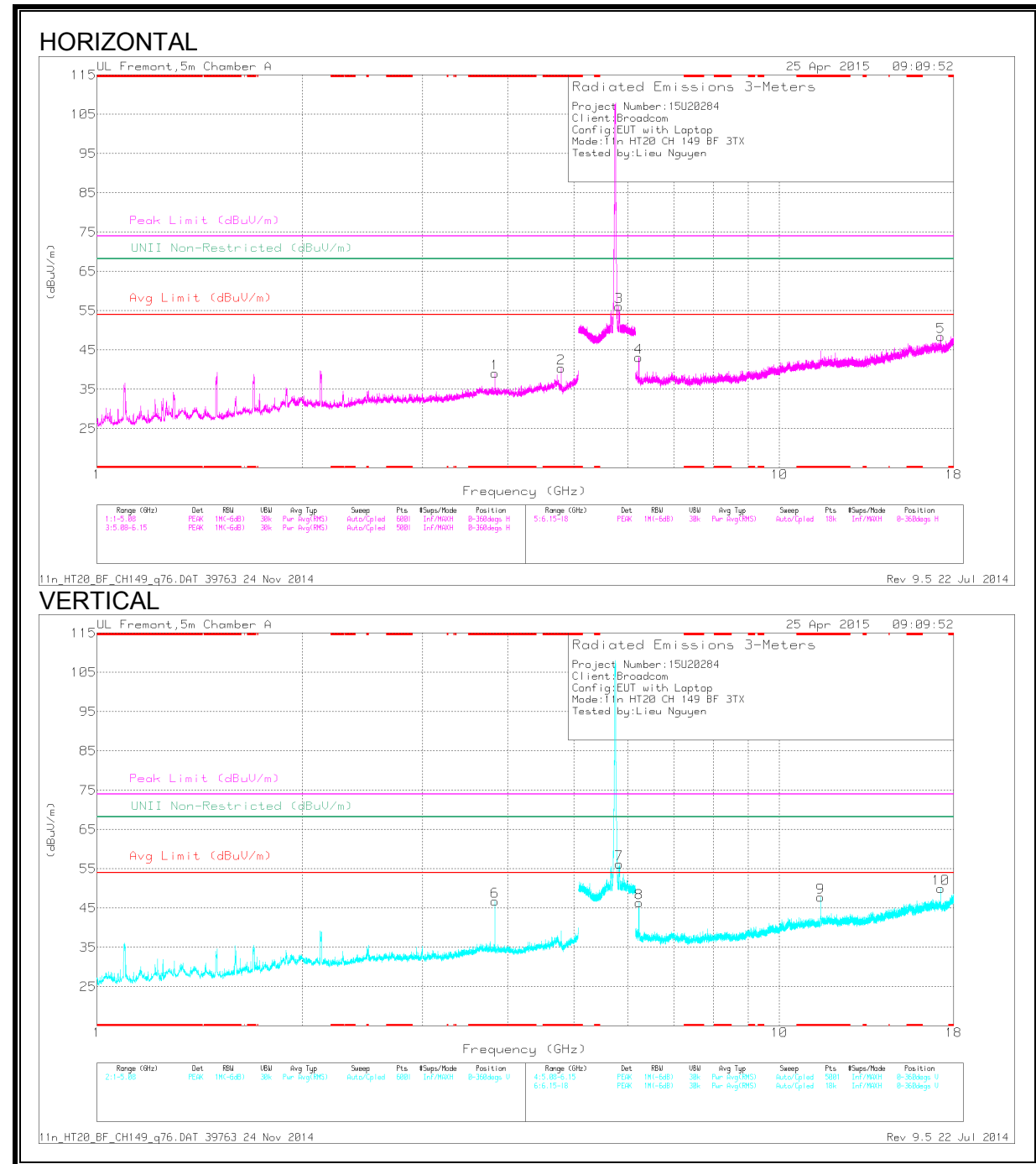
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	5.85	34.62	PK	35.1	7.9	0	77.62	-	-	78.2	-58	21	151	V
4	5.851	34.38	PK	35.1	7.9	0	77.38	-	-	78.2	-82	21	151	V
1	5.86	17.57	PK	35.1	7.9	0	60.57	-	-	74	-13.43	21	151	V
5	5.86	4.82	RMS	35.1	7.9	.65	48.47	54	-5.53	-	-	21	151	V
6	5.86	5.15	RMS	35.1	7.9	.65	48.8	54	-5.2	-	-	21	151	V
2	5.862	26.8	PK	35.1	7.9	0	69.8	-	-	74	-4.2	21	151	V

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

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 3.83	39.16	PK1	33.4	-30.9	0	41.66	-	-	74	-32.34	-	-	278	295	H
	* 3.83	34.14	AD1	33.4	-30.9	.65	37.29	54	-16.71	-	-	-	-	278	295	H
2	* 4.787	40.83	PK1	34.3	-29.4	0	45.73	-	-	74	-28.27	-	-	302	268	H
	* 4.787	30.72	AD1	34.3	-29.4	.65	36.27	54	-17.73	-	-	-	-	302	268	H
6	* 3.83	47.07	PK1	33.4	-30.9	0	49.57	-	-	74	-24.43	-	-	252	169	V
	* 3.83	40.71	AD1	33.4	-30.9	.65	43.86	54	-10.14	-	-	-	-	252	169	V
9	* 11.489	37.81	PK1	38.3	-22.5	0	53.61	-	-	74	-20.39	-	-	32	201	V
	* 11.489	25.79	AD1	38.3	-22.5	.65	42.24	54	-11.76	-	-	-	-	32	201	V
3	5.819	46.41	PK1	35.3	-17.4	0	64.31	-	-	-	-	68.2	-3.89	83	275	H
7	5.827	47.27	PK1	35.3	-17.4	0	65.17	-	-	-	-	68.2	-3.03	219	104	V
4	6.217	45.71	PK1	35.5	-28.3	0	52.91	-	-	-	-	68.2	-15.29	43	286	H
8	6.226	47.24	PK1	35.5	-28.4	0	54.34	-	-	-	-	68.2	-13.86	229	122	V
10	17.232	36.6	PK1	41.1	-20.1	0	57.6	-	-	-	-	68.2	-10.6	66	137	V
5	17.238	37.7	PK1	41.1	-20.1	0	58.7	-	-	-	-	68.2	-9.5	71	115	H

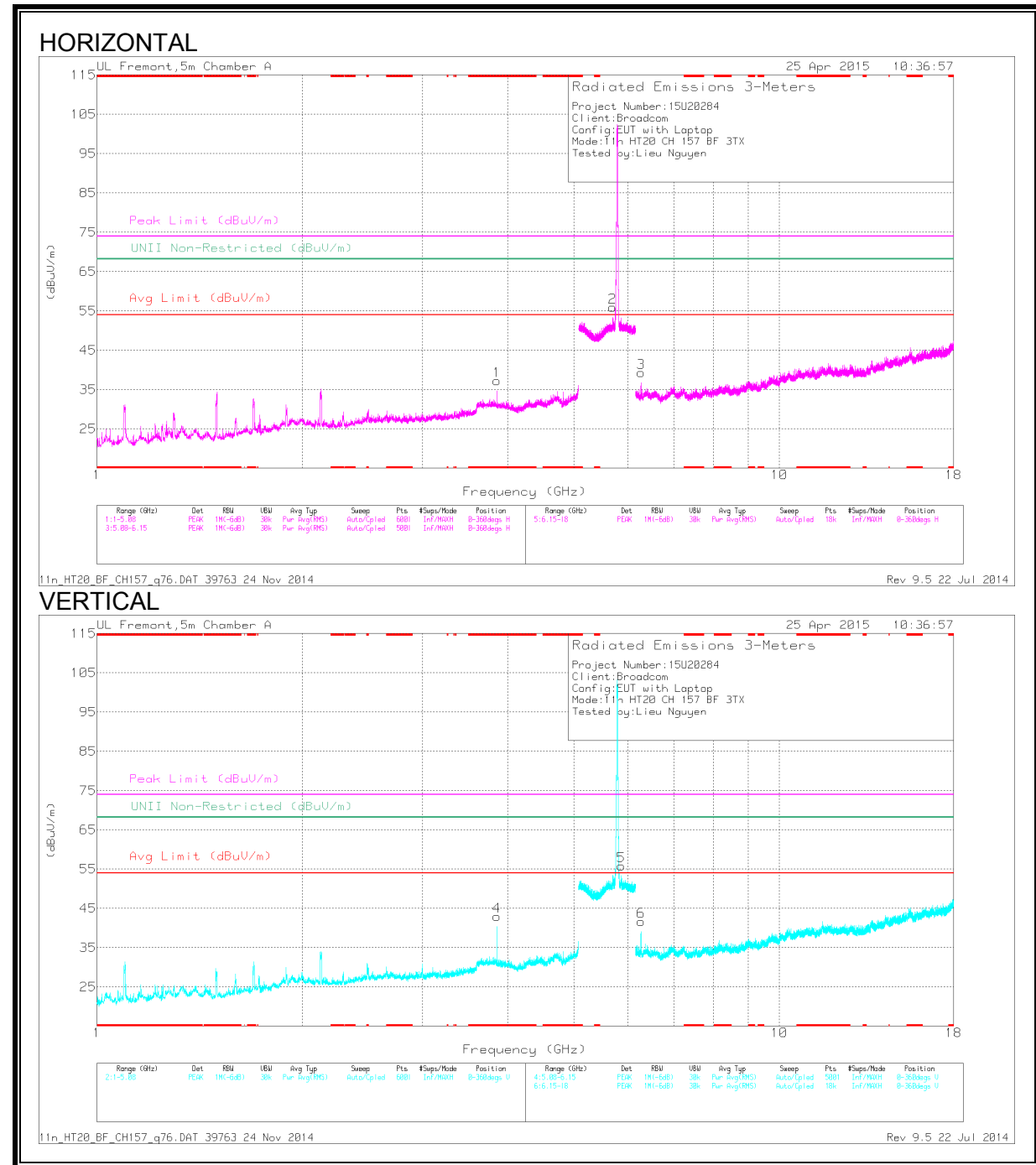
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

MID CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 3.857	38.82	PK1	33.4	-31.2	0	41.02	-	-	74	-32.98	-	-	273	266	H
	* 3.857	29.41	AD1	33.4	-31.2	.65	32.26	54	-21.74	-	-	-	-	273	266	H
4	* 3.856	42.04	PK1	33.4	-31.2	0	44.24	-	-	74	-29.76	-	-	246	216	V
	* 3.857	34.82	AD1	33.4	-31.2	.65	37.67	54	-16.33	-	-	-	-	246	216	V
2	5.701	44.11	PK1	35	-17.9	0	61.21	-	-	-	-	68.2	-6.99	89	237	H
5	5.864	43.86	PK1	35.4	-17.3	0	61.96	-	-	-	-	68.2	-6.24	140	106	V
3	6.27	40.57	PK1	35.5	-29	0	47.07	-	-	-	-	68.2	-21.13	310	178	H
6	6.273	39.55	PK1	35.5	-29	0	46.05	-	-	-	-	68.2	-22.15	227	121	V

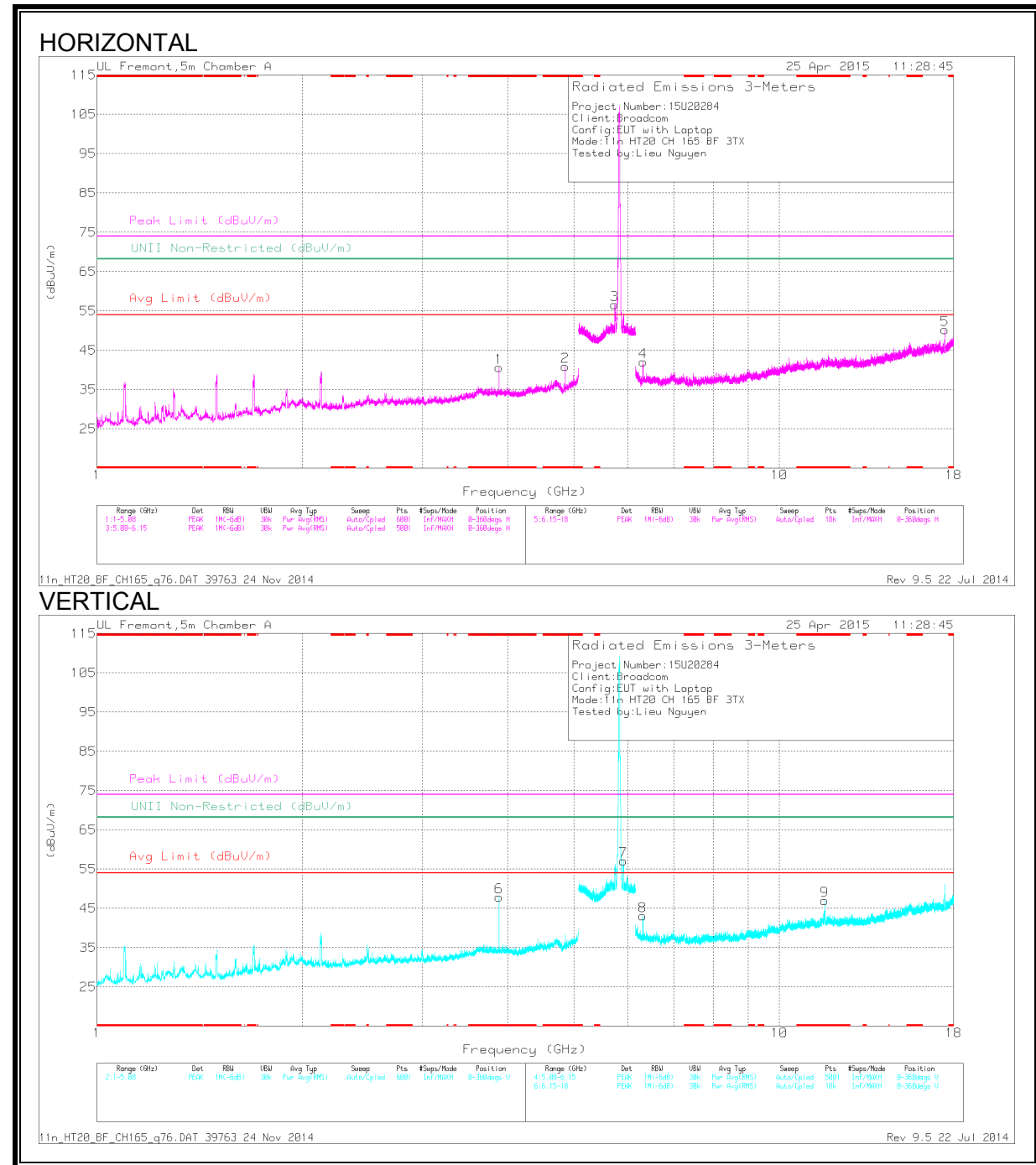
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 3.883	45.19	PK1	33.5	-31.2	0	47.49	-	-	74	-26.51	-	-	252	232	H
	* 3.883	38.25	AD1	33.5	-31.2	.65	41.2	54	-12.8	-	-	-	-	252	232	H
2	* 4.854	41.78	PK1	34.2	-30	0	45.98	-	-	74	-28.02	-	-	275	214	H
	* 4.854	32.18	AD1	34.2	-30	.65	37.03	54	-16.97	-	-	-	-	275	214	H
6	* 3.883	50.18	PK1	33.5	-31.2	0	52.48	-	-	74	-21.52	-	-	255	159	V
	* 3.883	44.64	AD1	33.5	-31.2	.65	47.59	54	-6.41	-	-	-	-	255	159	V
9	* 11.648	38	PK1	38.5	-22.6	0	53.9	-	-	74	-20.1	-	-	87	166	V
	* 11.649	25.9	AD1	38.5	-22.6	.65	42.45	54	-11.55	-	-	-	-	87	166	V
3	5.74	47.52	PK1	35.1	-17.7	0	64.92	-	-	-	-	68.2	-3.28	87	256	H
7	5.903	47.15	PK1	35.5	-17.5	0	65.15	-	-	-	-	68.2	-3.05	140	124	V
8	6.226	47.24	PK1	35.5	-28.4	0	54.34	-	-	-	-	68.2	-13.86	229	122	V
4	6.31	46.22	PK1	35.6	-28.7	0	53.12	-	-	-	-	68.2	-15.08	61	257	H
5	17.477	39.3	PK1	40.7	-20.1	0	59.9	-	-	-	-	68.2	-8.3	140	207	H

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

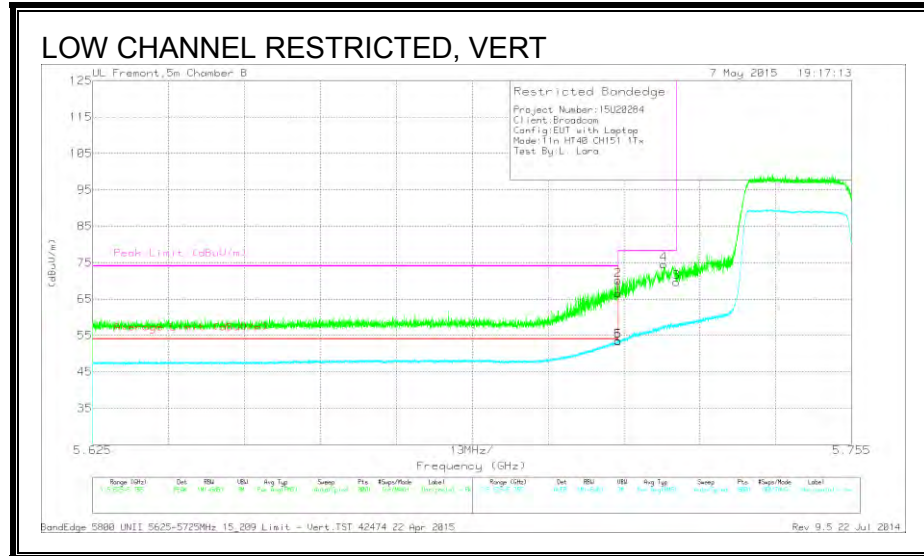
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.39. TX ABOVE 1 GHz 802.11n HT40 1Tx MODE IN THE 5.8 GHz BAND

RESTRICTED BANEDGE (LOW CHANNEL)



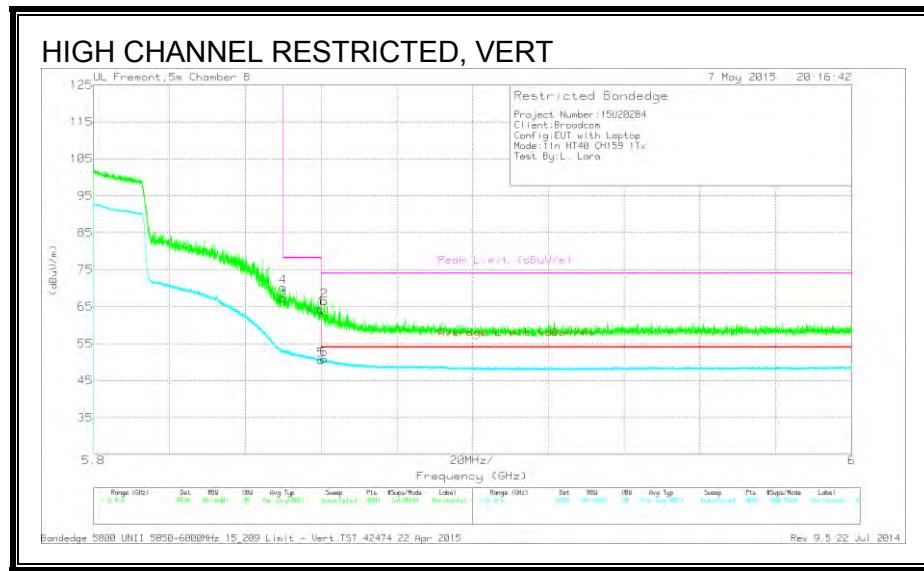
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	5.715	22.99	PK	35	8.6	0	66.59	-	-	74	-7.41	301	99	V
2	5.715	26.61	PK	35	8.6	0	70.21	-	-	74	-3.79	301	99	V
5	5.715	9.68	RMS	35	8.6	.09	53.37	54	-.63	-	-	301	99	V
6	5.715	9.78	RMS	35	8.6	.09	53.47	54	-.53	-	-	301	99	V
4	5.723	30.86	PK	35	8.7	0	74.56	-	-	78.2	-3.64	301	99	V
3	5.725	26.11	PK	35	8.6	0	69.71	-	-	78.2	-8.49	301	99	V

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

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL)



Trace Markers

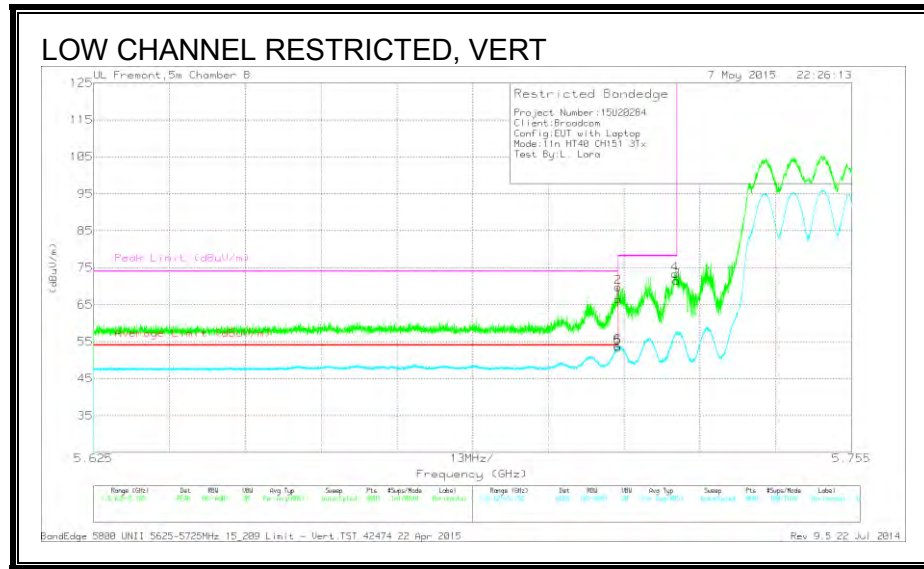
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	5.85	23.06	PK	35.4	8.8	0	67.26	-	-	78.2	-10.94	286	99	V
4	5.85	26.08	PK	35.4	8.8	0	70.28	-	-	78.2	-7.92	286	99	V
1	5.86	20.13	PK	35.4	8.8	0	64.33	-	-	74	-9.67	286	99	V
5	5.86	6.32	RMS	35.4	8.8	.09	50.61	54	-3.39	-	-	286	99	V
2	5.861	22.36	PK	35.4	8.8	0	66.56	-	-	74	-7.44	286	99	V
6	5.861	6.55	RMS	35.4	8.8	.09	50.84	54	-3.16	-	-	286	99	V

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

PK - Peak detector
RMS - RMS detection

9.40. TX ABOVE 1 GHz 802.11n HT40 CDD 3Tx MODE IN THE 5.8 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



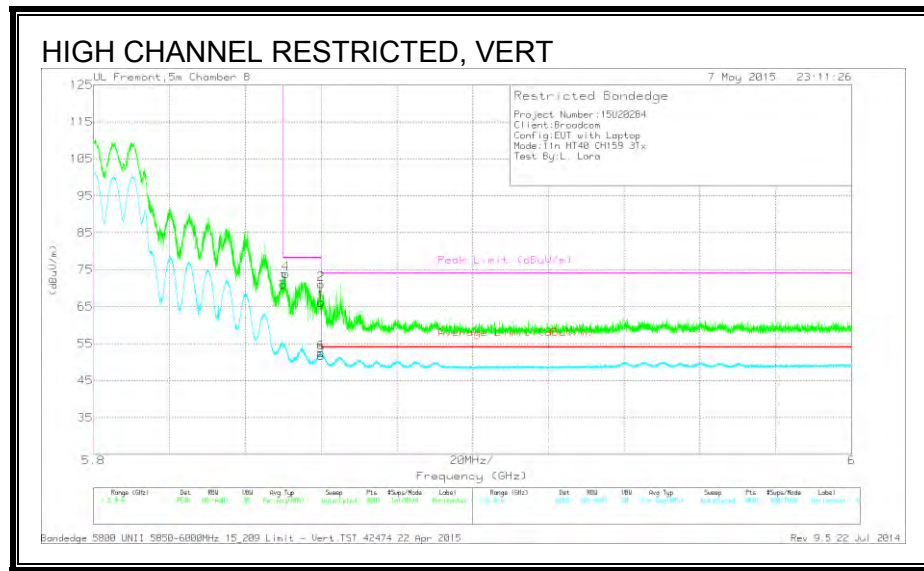
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	5.715	22.84	PK	35	8.6	0	66.44	-	-	74	-7.56	127	104	V
2	5.715	26.14	PK	35	8.6	0	69.74	-	-	74	-4.26	127	104	V
5	5.715	9.7	RMS	35	8.6	.09	53.39	54	-61	-	-	127	104	V
6	5.715	10.06	RMS	35	8.6	.09	53.75	54	-25	-	-	127	104	V
3	5.725	27.9	PK	35	8.6	0	71.5	-	-	78.2	-6.7	127	104	V
4	5.725	29.69	PK	35	8.6	0	73.29	-	-	78.2	-4.91	127	104	V

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

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL)



Trace Markers

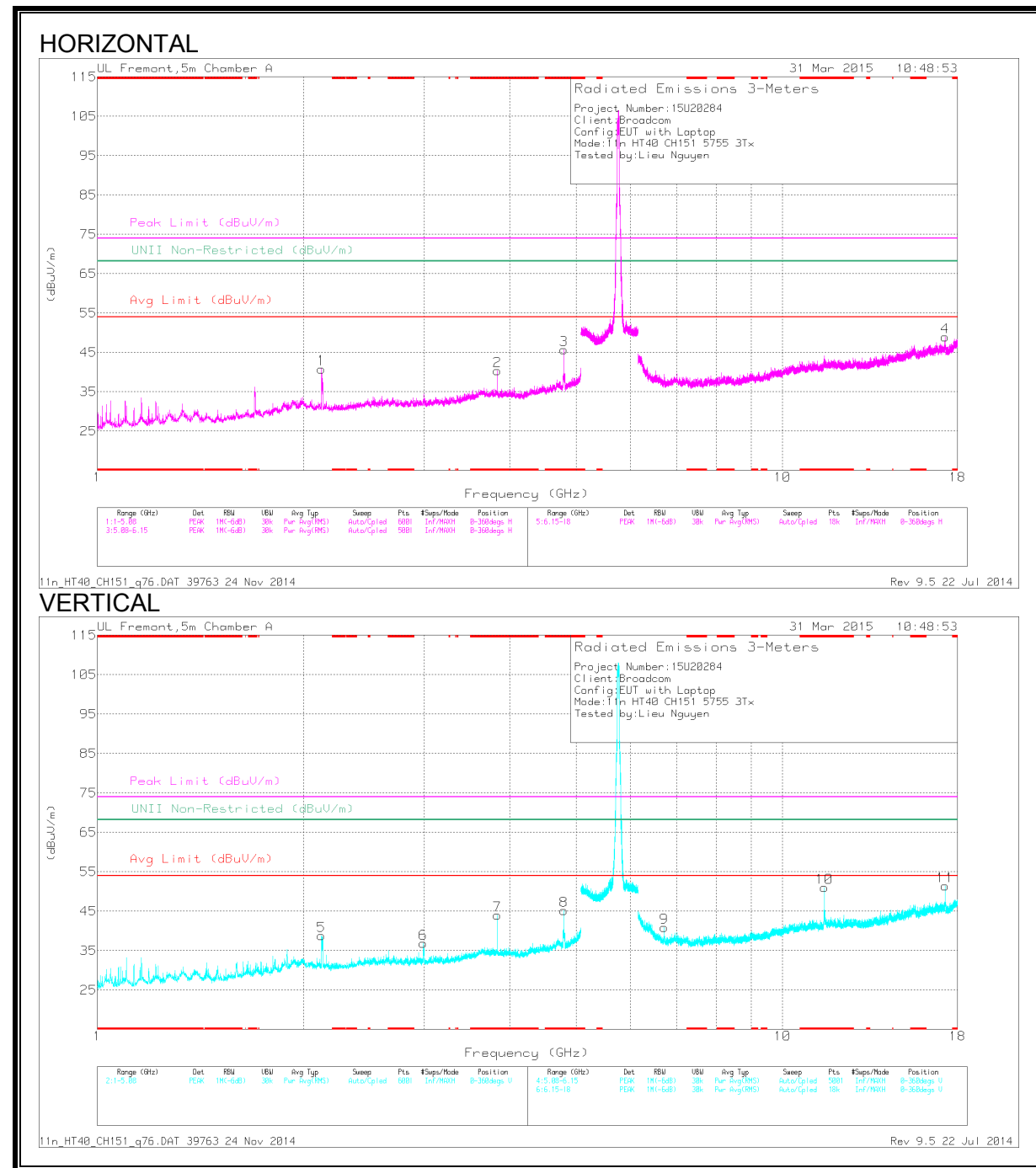
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	5.85	26.78	PK	35.4	8.8	0	70.98	-	-	78.2	-7.22	129	115	V
4	5.851	29.74	PK	35.4	8.8	0	73.94	-	-	78.2	-4.26	129	115	V
1	5.86	21.97	PK	35.4	8.8	0	66.17	-	-	74	-7.83	129	115	V
2	5.86	26.92	PK	35.4	8.8	0	71.12	-	-	74	-2.88	129	115	V
5	5.86	7.43	RMS	35.4	8.8	.09	51.72	54	-2.28	-	-	129	115	V
6	5.86	8.23	RMS	35.4	8.8	.09	52.52	54	-1.48	-	-	129	115	V

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

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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
2	* 3.837	44.79	PK2	33.4	-30.9	0	47.29	-	-	74	-26.71	-	-	246	224	H
	* 3.837	39.11	MAv1	33.4	-30.9	.09	41.70	54	-12.30	-	-	-	-	246	224	H
3	* 4.796	47.03	PK2	34.3	-29.5	0	51.83	-	-	74	-22.17	-	-	8	202	H
	* 4.796	41.3	MAv1	34.3	-29.5	.09	46.19	54	-7.81	-	-	-	-	8	202	H
7	* 3.837	46.66	PK2	33.4	-30.9	0	49.16	-	-	74	-24.84	-	-	186	180	V
	* 3.837	42.07	MAv1	33.4	-30.9	.09	44.66	54	-9.34	-	-	-	-	186	180	V
8	* 4.796	46.56	PK2	34.3	-29.5	0	51.36	-	-	74	-22.64	-	-	161	196	V
	* 4.796	40.55	MAv1	34.3	-29.5	.09	45.44	54	-8.56	-	-	-	-	161	196	V
10	* 11.512	38.64	PK2	38.3	-22.7	0	54.24	-	-	74	-19.76	-	-	56	209	V
	* 11.514	27.66	MAv1	38.3	-22.7	.09	43.35	54	-10.65	-	-	-	-	56	209	V
1	2.123	52.24	PK2	31.6	-32.8	0	51.04	-	-	-	-	68.2	-17.16	205	225	H
5	2.124	50.53	PK2	31.6	-32.8	0	49.33	-	-	-	-	68.2	-18.87	337	188	V
6	2.993	44.95	PK2	32.5	-31.6	0	45.85	-	-	-	-	68.2	-22.35	313	132	V
9	6.714	38.87	PK2	35.9	-28.9	0	45.87	-	-	-	-	68.2	-22.33	294	272	V
11	17.257	34.14	PK2	41	-20	0	55.14	-	-	-	-	68.2	-13.06	227	289	V
4	17.267	37.62	PK2	41	-20.1	0	58.52	-	-	-	-	68.2	-9.68	122	134	H

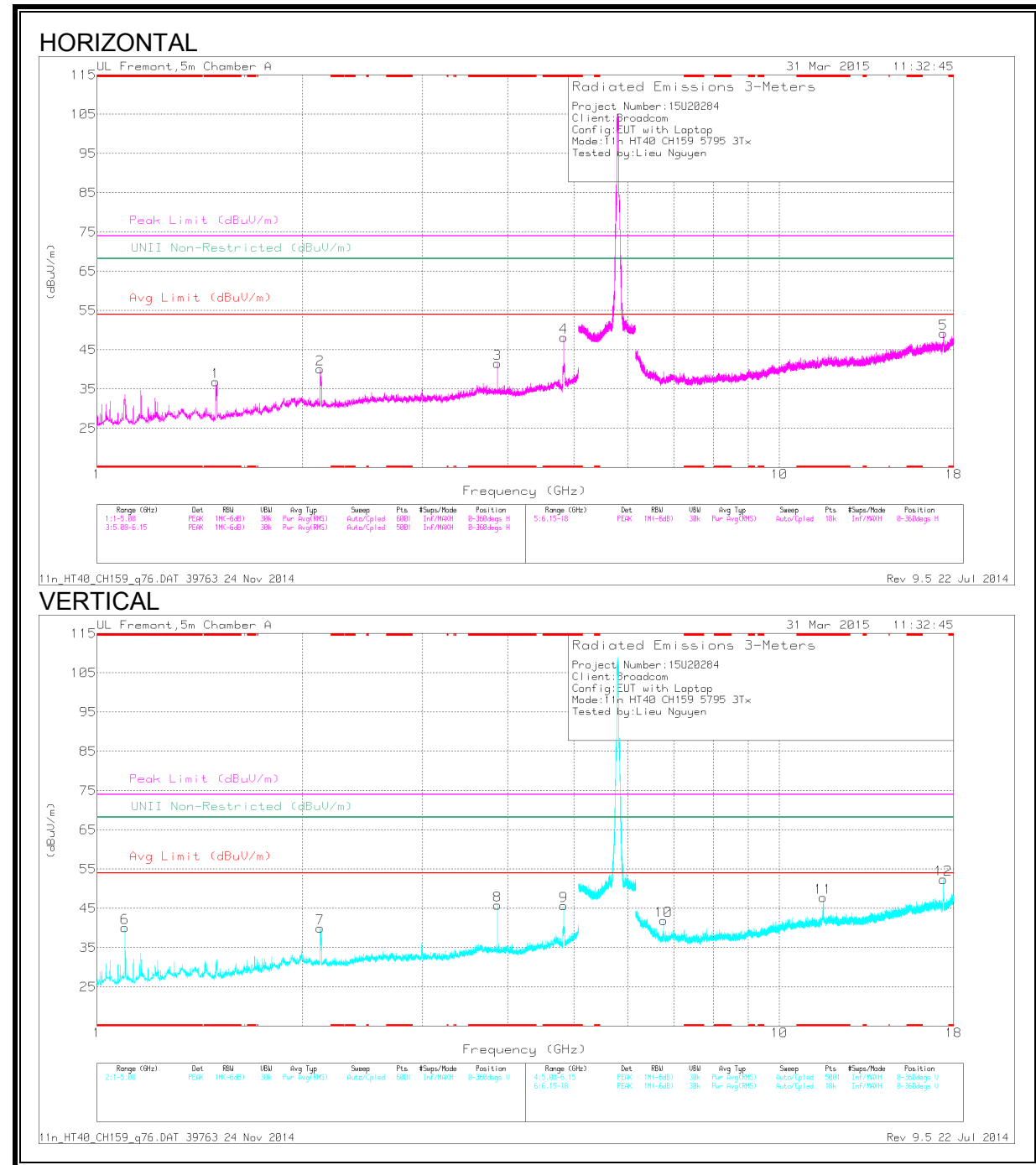
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL



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	* 1.493	48.93	PK2	28.7	-34.1	0	43.53	-	-	74	-30.47	-	-	339	298	H
	* 1.494	31.21	MAv1	28.7	-34.1	.09	25.9	54	-28.1	-	-	-	-	339	298	H
3	* 3.864	44.66	PK2	33.4	-31.3	0	46.76	-	-	74	-27.24	-	-	11	190	H
	* 3.864	38.88	MAv1	33.4	-31.3	.09	41.07	54	-12.93	-	-	-	-	11	190	H
4	* 4.83	49.28	PK2	34.3	-29.8	0	53.78	-	-	74	-20.22	-	-	37	243	H
	* 4.83	44.66	MAv1	34.3	-29.8	.09	49.25	54	-4.75	-	-	-	-	37	243	H
6	* 1.099	48.34	PK2	27.6	-34	0	41.94	-	-	74	-32.06	-	-	277	380	V
	* 1.097	31.35	MAv1	27.6	-34	.09	25.04	54	-28.96	-	-	-	-	277	380	V
8	* 3.864	47.87	PK2	33.4	-31.2	0	50.07	-	-	74	-23.93	-	-	199	203	V
	* 3.864	43.53	MAv1	33.4	-31.3	.09	45.72	54	-8.28	-	-	-	-	199	203	V
9	* 4.829	45.61	PK2	34.3	-29.8	0	50.11	-	-	74	-23.89	-	-	52	171	V
	* 4.83	40	MAv1	34.3	-29.8	.09	44.59	54	-9.41	-	-	-	-	52	171	V
11	* 11.593	38.19	PK2	38.4	-22.4	0	54.19	-	-	74	-19.81	-	-	324	340	V
	* 11.593	26.22	MAv1	38.4	-22.4	.09	42.31	54	-11.69	-	-	-	-	324	340	V
2	2.123	51.49	PK2	31.6	-32.8	0	50.29	-	-	-	-	68.2	-17.91	243	289	V
7	2.125	53.84	PK2	31.6	-32.8	0	52.64	-	-	-	-	68.2	-15.56	204	236	H
10	6.762	41.61	PK2	35.9	-28.2	0	49.31	-	-	-	-	68.2	-18.89	10	143	V
5	17.377	37.87	PK2	40.8	-20	0	58.67	-	-	-	-	68.2	-9.53	261	238	H
12	17.397	37.49	PK2	40.7	-20	0	58.19	-	-	-	-	68.2	-10.01	320	178	V

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

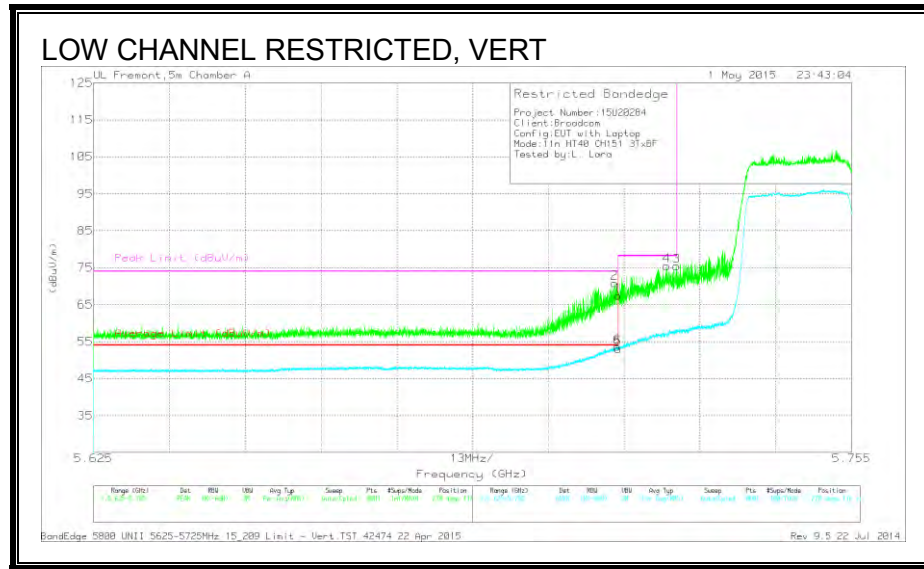
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.41. TX ABOVE 1 GHz 802.11n HT40 TxBF 3Tx MODE IN THE 5.8 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



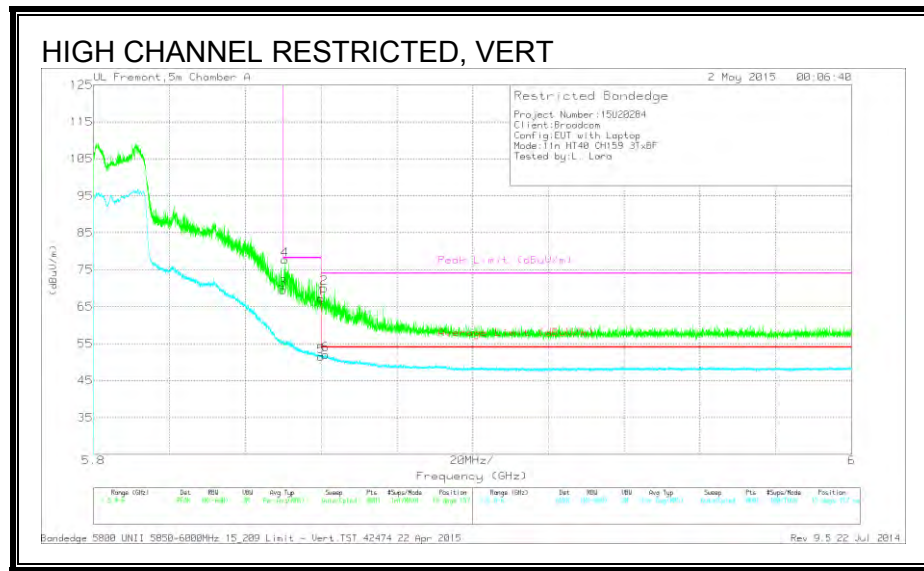
Trace Markers

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	5.714	28.4	PK	34.7	7.8	0	70.9	-	-	74	-3.1	278	116	V
1	5.715	24.97	PK	34.7	7.8	0	67.47	-	-	74	-6.53	278	116	V
5	5.715	9.78	RMS	34.7	7.8	.82	53.1	54	-.9	-	-	278	116	V
6	5.715	10.3	RMS	34.7	7.8	.82	53.62	54	-.38	-	-	278	116	V
4	5.723	33.02	PK	34.7	7.8	0	75.52	-	-	78.2	-2.68	278	116	V
3	5.725	32.94	PK	34.7	7.8	0	75.44	-	-	78.2	-2.76	278	116	V

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

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL)



Trace Markers

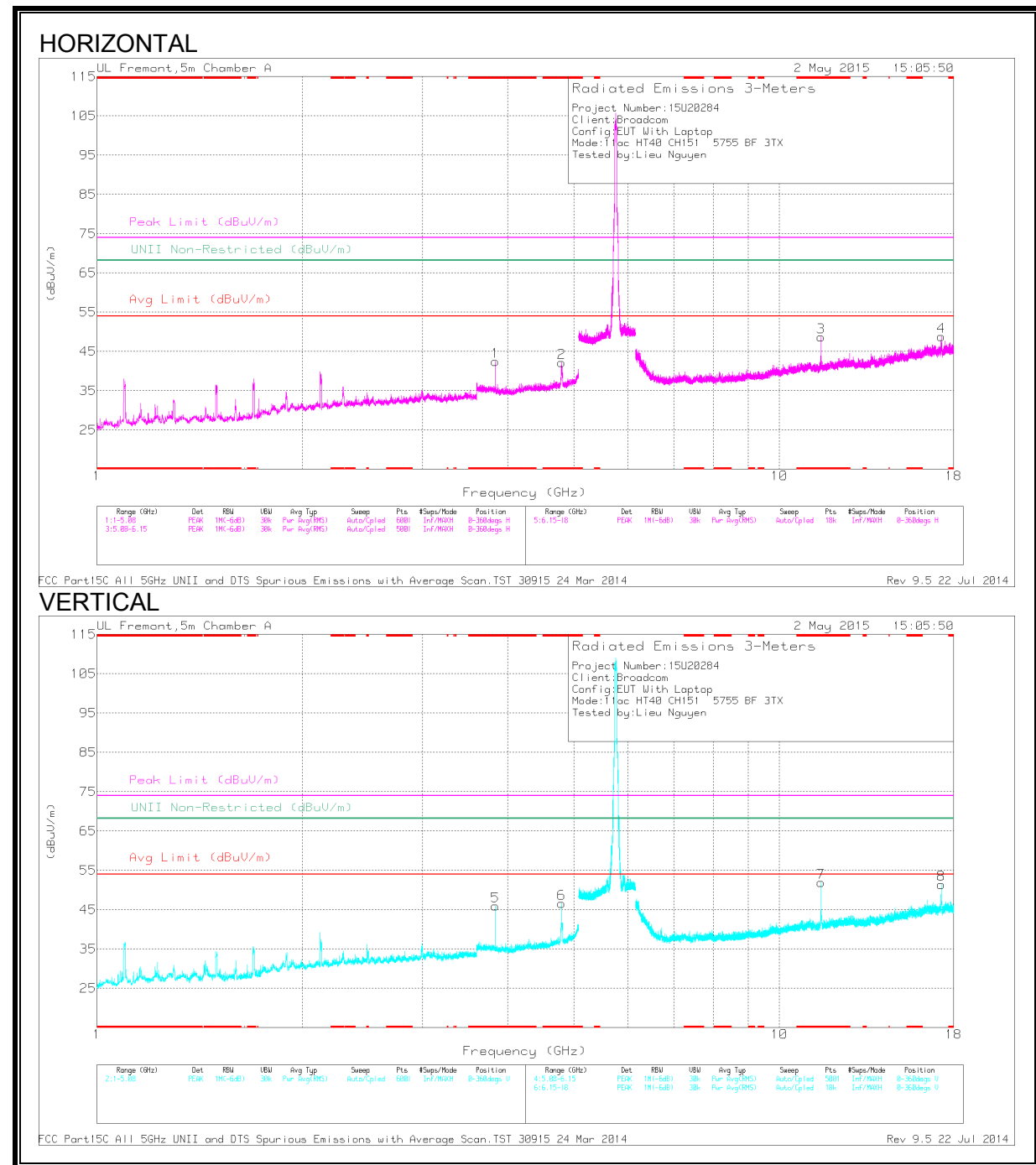
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	5.85	26.59	PK	35.1	7.9	0	69.59	-	-	78.2	-8.61	15	157	V
4	5.85	34.66	PK	35.1	7.9	0	77.66	-	-	78.2	-5.54	15	157	V
1	5.86	24.25	PK	35.1	7.9	0	67.25	-	-	74	-6.75	15	157	V
5	5.86	7.68	RMS	35.1	7.9	.82	51.5	54	-2.5	-	-	15	157	V
2	5.861	27.07	PK	35.1	7.9	0	70.07	-	-	74	-3.93	15	157	V
6	5.861	8.27	RMS	35.1	7.9	.82	52.09	54	-1.91	-	-	15	157	V

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

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW 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	* 3.837	45.61	PK1	33.4	-32.4	0	46.61	-	-	74	-27.39	-	-	227	119	H
	* 3.837	38.72	AD1	33.4	-32.4	.82	40.54	54	-13.46	-	-	-	-	227	119	H
2	* 4.796	48.28	PK1	34	-30.4	0	51.88	-	-	74	-22.12	-	-	224	230	H
	* 4.796	39.67	AD1	34	-30.4	.82	44.09	54	-9.91	-	-	-	-	224	230	H
5	* 3.837	48.58	PK1	33.4	-32.4	0	49.58	-	-	74	-24.42	-	-	41	100	V
	* 3.837	44.07	AD1	33.4	-32.4	.82	45.89	54	-8.11	-	-	-	-	41	100	V
6	* 4.796	48.64	PK1	34	-30.4	0	52.24	-	-	74	-21.76	-	-	290	150	V
	* 4.796	42.35	AD1	34	-30.4	.82	46.77	54	-7.23	-	-	-	-	290	150	V
3	* 11.511	42.17	PK1	38	-23.3	0	56.87	-	-	74	-17.13	-	-	289	262	H
	* 11.511	26.82	AD1	38	-23.3	.82	42.34	54	-11.66	-	-	-	-	289	262	H
7	* 11.511	40.79	PK1	38	-23.3	0	55.49	-	-	74	-18.51	-	-	0	192	V
	* 11.511	26.19	AD1	38	-23.3	.82	41.71	54	-12.29	-	-	-	-	0	192	V
8	17.257	38.72	PK1	41.2	-23.4	0	56.52	-	-	-	-	68.2	-11.68	274	205	V
4	17.259	40.55	PK1	41.2	-23.4	0	58.35	-	-	-	-	68.2	-9.85	316	195	H

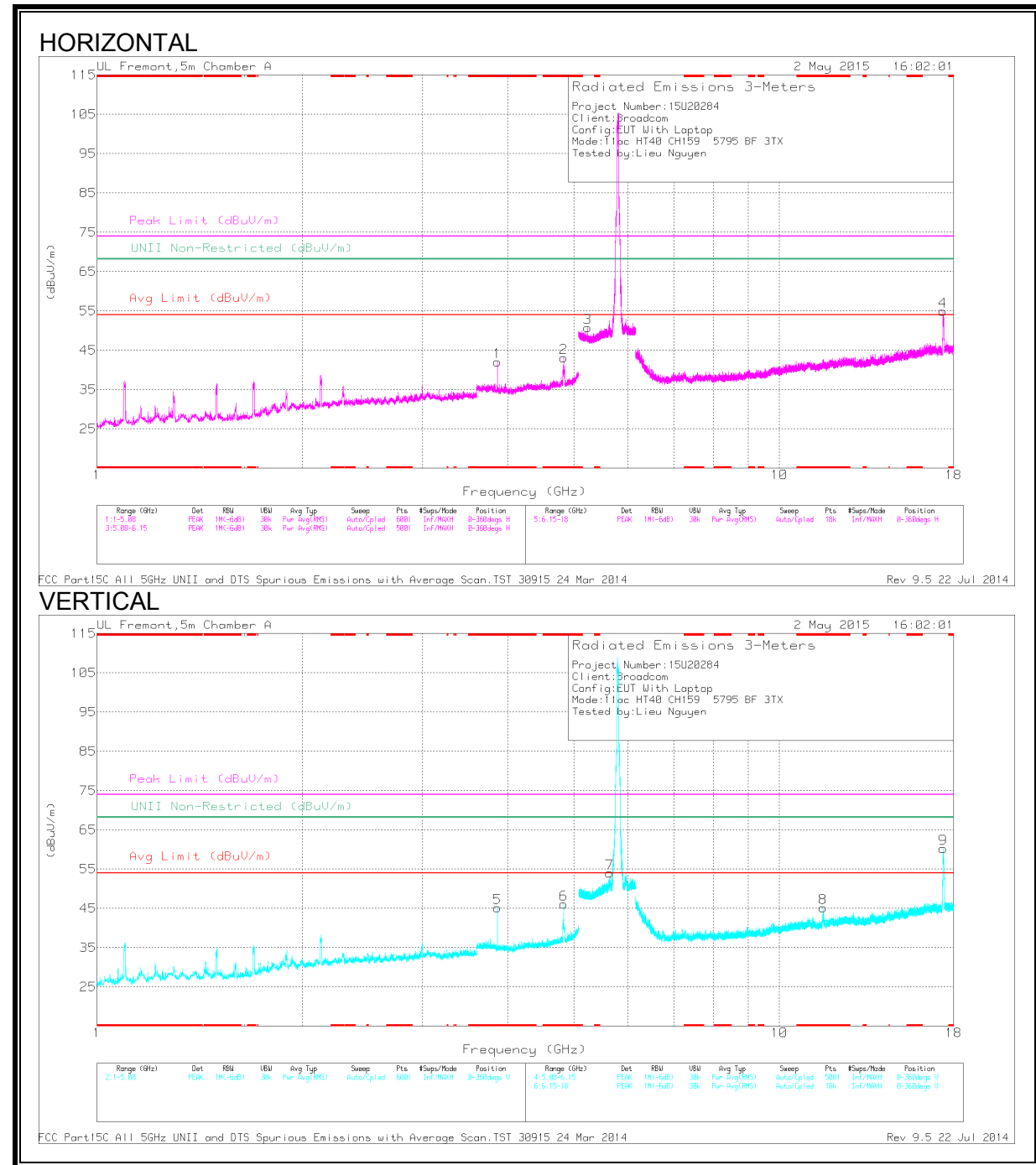
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL



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	* 3.864	46.82	PK1	33.5	-32.7	0	47.62	-	-	74	-26.38	-	-	233	143	H
	* 3.864	40.09	AD1	33.5	-32.7	.82	41.71	54	-12.29	-	-	-	-	233	143	H
2	* 4.83	48.46	PK1	33.9	-30.5	0	51.86	-	-	74	-22.14	-	-	224	279	H
	* 4.829	40.52	AD1	33.9	-30.5	.82	44.74	54	-9.26	-	-	-	-	224	279	H
5	* 3.864	48.25	PK1	33.5	-32.7	0	49.05	-	-	74	-24.95	-	-	47	124	V
	* 3.864	43.36	AD1	33.5	-32.7	.82	44.98	54	-9.02	-	-	-	-	47	124	V
6	* 4.829	48.71	PK1	33.9	-30.5	0	52.11	-	-	74	-21.89	-	-	19	166	V
	* 4.83	41.83	AD1	33.9	-30.5	.82	46.05	54	-7.95	-	-	-	-	19	166	V
8	* 11.591	40.78	PK1	38.1	-23.4	0	55.48	-	-	74	-18.52	-	-	5	104	V
	* 11.591	26.4	AD1	38.1	-23.4	.82	41.92	54	-12.08	-	-	-	-	5	104	V
3	5.237	43.5	PK1	34.4	-21.4	0	56.5	-	-	-	-	68.2	-11.7	178	361	H
7	5.641	48.11	PK1	34.5	-20.6	0	62.01	-	-	-	-	68.2	-6.19	158	344	V
4	17.368	48	PK1	41.3	-23.3	0	66	-	-	-	-	68.2	-2.2	216	112	H
9	17.374	49.79	PK1	41.3	-23.4	0	67.69	-	-	-	-	68.2	-5.1	243	135	V

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

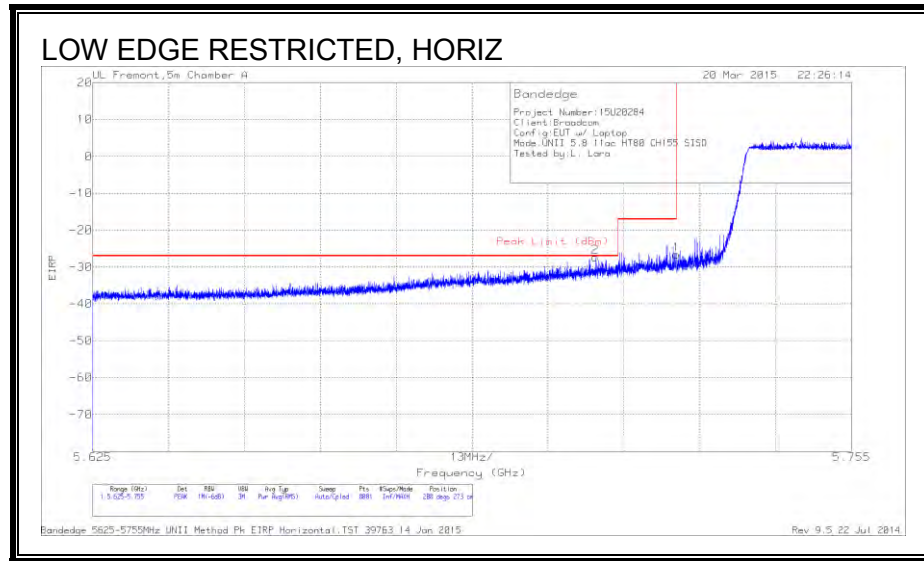
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.42. TX ABOVE 1 GHz 802.11ac VHT80 1Tx MODE IN THE 5.8 GHz BAND

RESTRICTED BANDEDGE (CHANNEL 155 LOW EDGE)



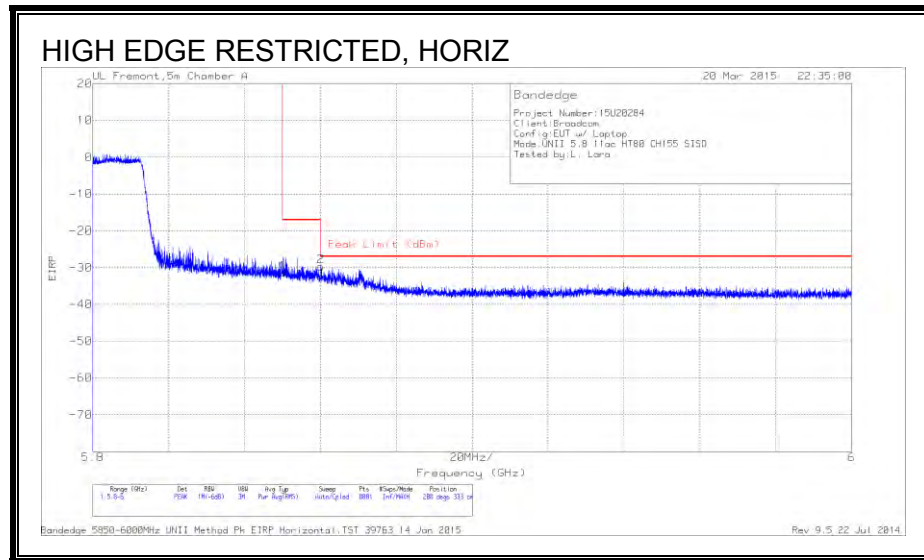
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.711	-82.91	PK	34.7	9.1	11.8	-27.31	-27	-31	208	273	H
1	5.725	-81.98	PK	34.7	8.9	11.8	-26.58	-17	-9.58	208	273	H

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

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (CHANNEL 155 HIGH EDGE)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-87.35	PK	35.1	9	11.8	-31.45	-17	-14.45	208	333	H
2	5.86	-85.48	PK	35.1	8.9	11.8	-29.68	-27	-2.68	208	333	H

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

PK - Peak detector
RMS - RMS detection