

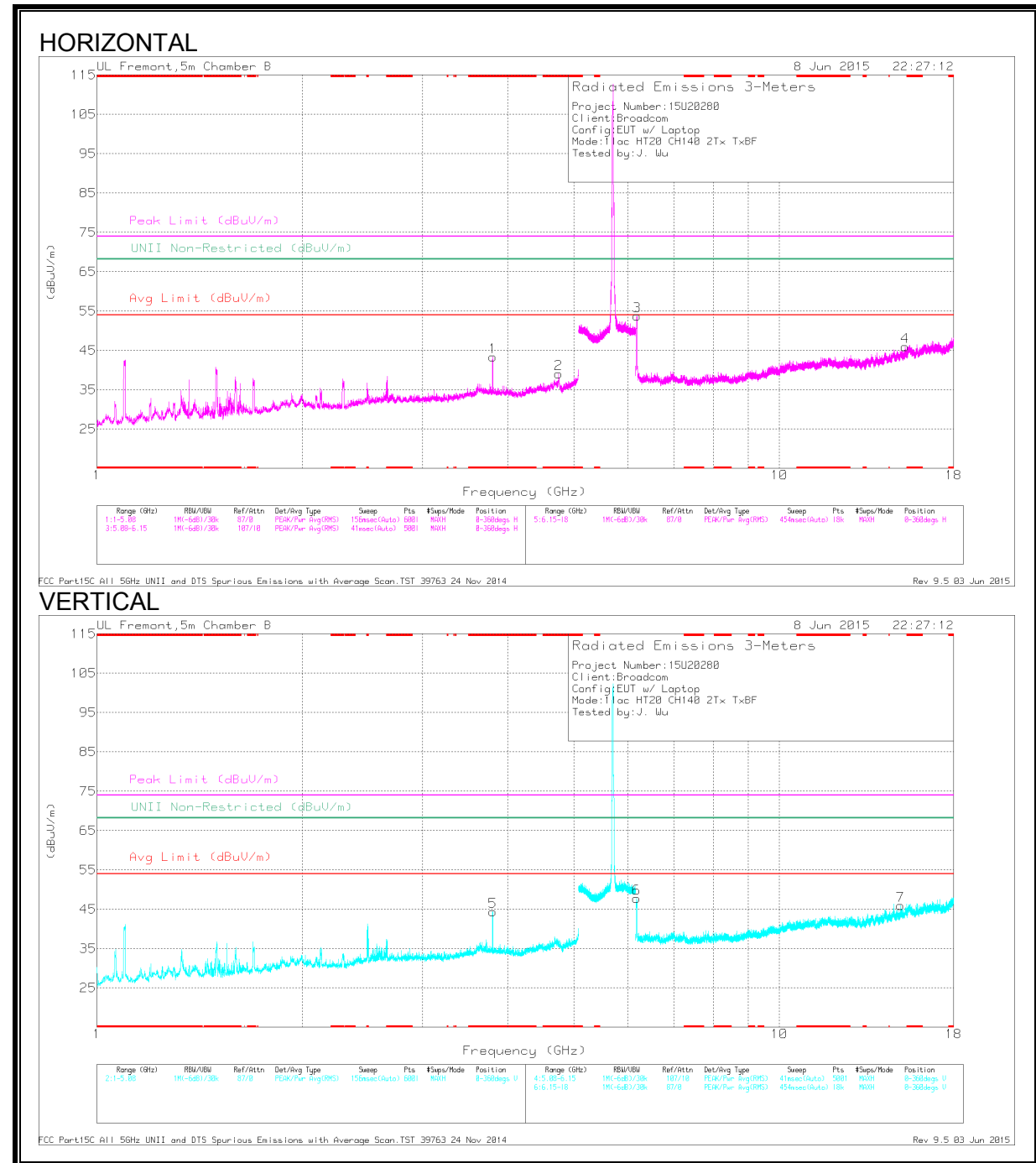
Trace Markers

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	* 3.72	48.37	PK3	33.6	-31	0	50.97	-	-	74	-23.03	-	-	68	201	H
	* 3.72	44.49	ADR	33.6	-31	.2	47.29	54	-6.71	-	-	-	-	68	201	H
6	* 3.72	49.37	PK3	33.6	-31	0	51.97	-	-	74	-22.03	-	-	136	230	V
	* 3.72	45.81	ADR	33.6	-31	.2	48.61	54	-5.39	-	-	-	-	136	230	V
2	* 5.123	45.54	PK3	34	-17.7	0	61.84	-	-	74	-12.16	-	-	312	220	H
	* 5.123	35.14	ADR	34	-17.7	.2	51.64	54	-2.36	-	-	-	-	312	220	H
5	* 11.554	34.67	PK3	38.4	-22	0	51.07	-	-	74	-22.93	-	-	264	199	H
	* 11.551	22.69	ADR	38.3	-22.1	.2	39.09	54	-14.91	-	-	-	-	264	199	H
3	5.814	44.07	PK3	35.2	-17.5	0	61.77	-	-	-	-	68.2	-6.43	308	218	H
4	6.052	47.05	PK3	35.6	-17.6	0	65.05	-	-	-	-	68.2	-3.15	308	205	H

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

PK3 - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS 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	* 3.8	46.99	PK3	33.3	-30.7	0	49.59	-	-	74	-24.41	-	-	70	224	H
	* 3.8	42.29	ADR	33.3	-30.7	.2	45.09	54	-8.91	-	-	-	-	70	224	H
2	* 4.75	43.7	PK3	34.3	-29.6	0	48.4	-	-	74	-25.6	-	-	288	203	H
	* 4.75	33.85	ADR	34.3	-29.6	.2	38.75	54	-15.25	-	-	-	-	288	203	H
5	* 3.8	47.71	PK3	33.3	-30.7	0	50.31	-	-	74	-23.69	-	-	134	263	V
	* 3.8	43.62	ADR	33.3	-30.7	.2	46.42	54	-7.58	-	-	-	-	134	263	V
6	6.169	52.04	PK3	35.5	-28.5	0	59.04	-	-	-	-	68.2	-9.16	350	272	V
3	6.175	54.36	PK3	35.5	-28.5	0	61.36	-	-	-	-	68.2	-6.84	311	200	H
7	15.05	33.32	PK3	40.2	-21.1	0	52.42	-	-	-	-	68.2	-15.78	178	213	V
4	15.287	33.53	PK3	40.6	-21.4	0	52.73	-	-	-	-	68.2	-15.47	360	384	H

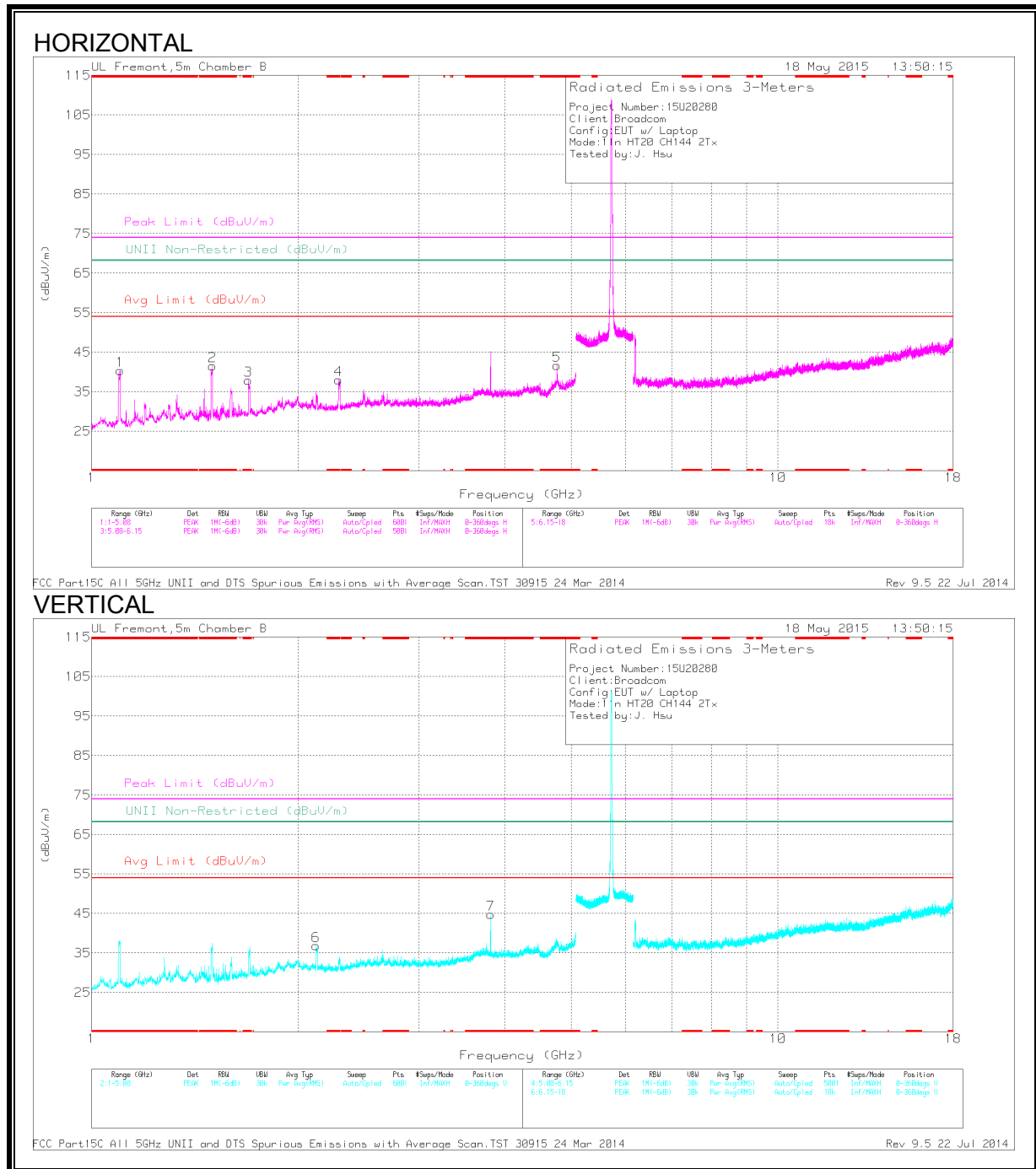
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.25. TX ABOVE 1 GHz 802.11n HT20 2TX CDD MODE CHANNEL 144

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	* 1.099	53.66	PK1	27.6	-34	0	47.26	-	-	74	-26.74	-	-	320	127	H
	* 1.098	44.83	AD1	27.6	-34	0	38.43	54	-15.57	-	-	-	-	320	127	H
2	* 1.498	53.9	PK1	28.6	-34.1	0	48.4	-	-	74	-25.6	-	-	39	104	H
	* 1.498	41.27	AD1	28.6	-34.1	0	35.77	54	-18.23	-	-	-	-	39	104	H
3	* 1.694	48.7	PK1	29.7	-32.9	0	45.5	-	-	74	-28.5	-	-	64	251	H
	* 1.694	37.04	AD1	29.7	-32.9	0	33.84	54	-20.16	-	-	-	-	64	251	H
4	* 2.291	47.15	PK1	31.5	-32.7	0	45.95	-	-	74	-28.05	-	-	110	208	H
	* 2.29	34.39	AD1	31.5	-32.7	0	33.19	54	-20.81	-	-	-	-	110	208	H
5	* 4.767	42.94	PK1	34.3	-29.3	0	47.94	-	-	74	-26.06	-	-	268	226	H
	* 4.767	34.04	AD1	34.3	-29.3	0	39.04	54	-14.96	-	-	-	-	268	226	H
7	* 3.813	46.61	PK1	33.3	-30.9	0	49.01	-	-	74	-24.99	-	-	119	287	V
	* 3.813	42.62	AD1	33.3	-30.9	0	45.02	54	-8.98	-	-	-	-	119	287	V
6	2.125	43.09	PK1	31.6	-32.8	0	41.89	-	-	-	-	68.2	-26.31	260	222	V

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

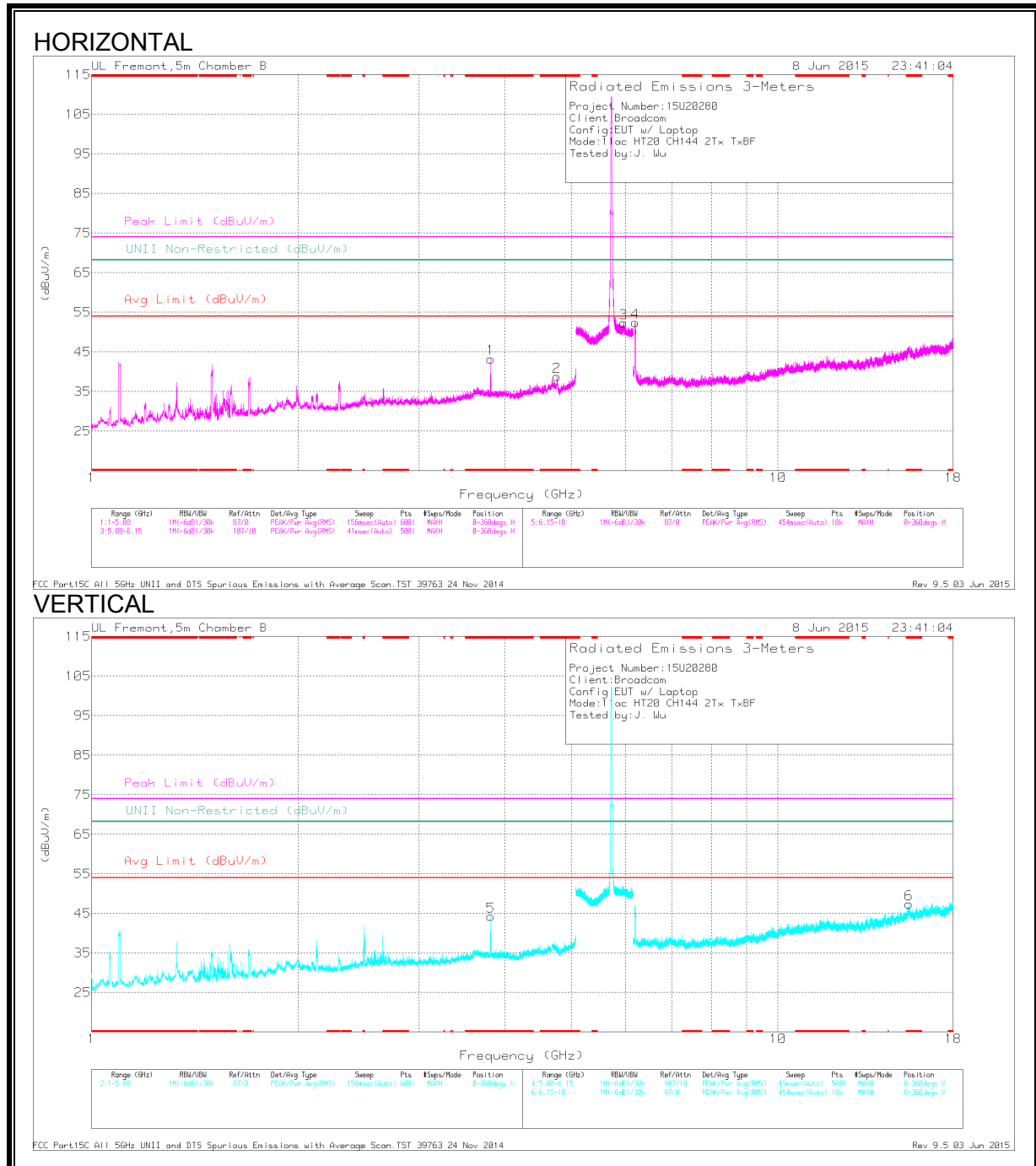
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.26. TX ABOVE 1 GHz 802.11ac HT20 TXBF 2TX MODE CHANNEL 144

HARMONICS AND SPURIOUS EMISSIONS 144



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	* 3.813	45.94	PK3	33.3	-30.9	0	48.34	-	-	74	-25.66	-	-	75	194	H
	* 3.813	40.84	ADR	33.3	-30.9	.2	43.44	54	-10.56	-	-	-	-	75	194	H
2	* 4.766	43.56	PK3	34.3	-29.3	0	48.56	-	-	74	-25.44	-	-	284	198	H
	* 4.766	33.22	ADR	34.3	-29.3	.2	38.42	54	-15.58	-	-	-	-	284	198	H
5	* 3.813	47.79	PK3	33.3	-30.9	0	50.19	-	-	74	-23.81	-	-	130	294	V
	* 3.813	43.43	ADR	33.3	-30.9	.2	46.03	54	-7.97	-	-	-	-	130	294	V
6	* 15.533	32.87	PK3	40.9	-20.1	0	53.67	-	-	74	-20.33	-	-	87	290	V
	* 15.532	21.58	ADR	40.9	-20.1	.2	42.58	54	-11.42	-	-	-	-	87	290	V
3	5.954	44.68	PK3	35.6	-17.7	0	62.58	-	-	-	-	68.2	-5.62	66	142	H
4	6.191	55.02	PK3	35.5	-28.3	0	62.22	-	-	-	-	68.2	-5.98	304	198	H

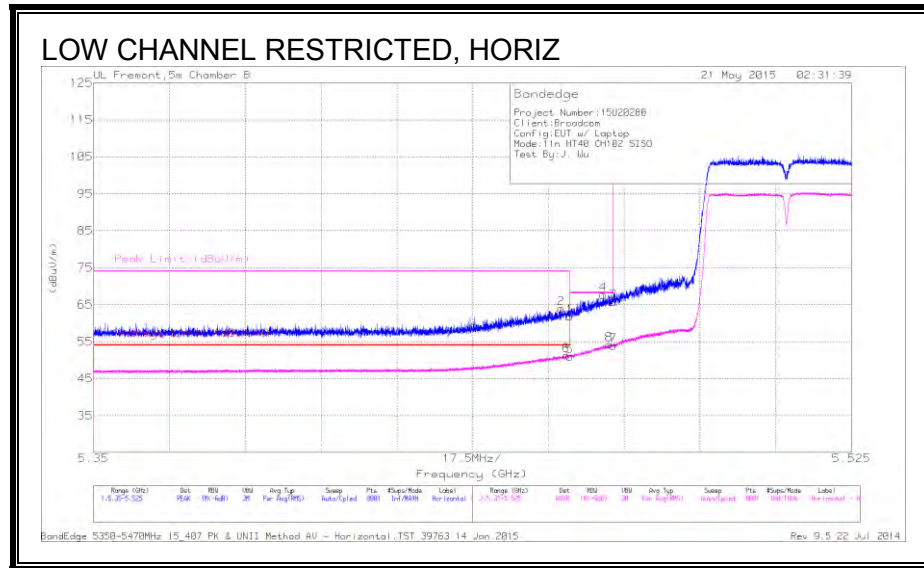
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

RESTRICTED BANDEDGE (LOW CHANNEL)



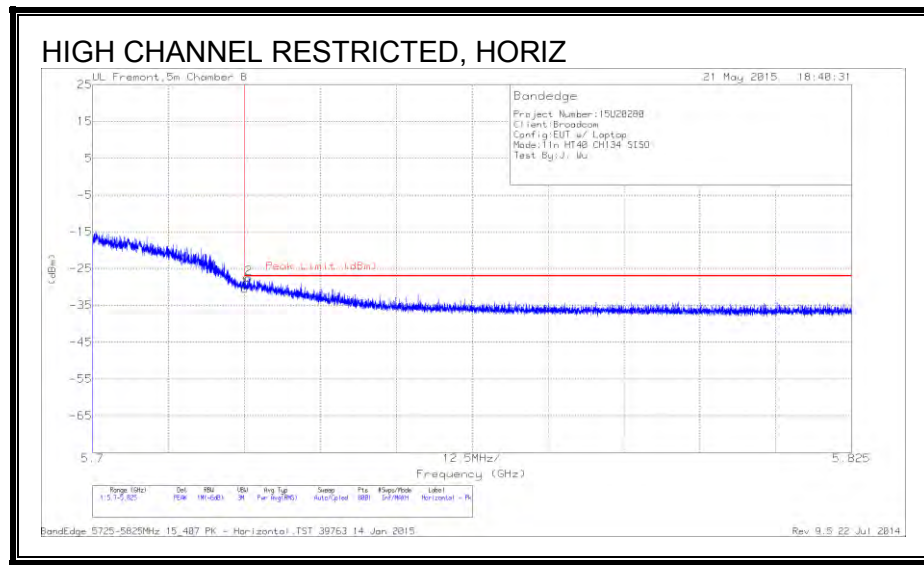
Trace Markers

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
2	5.458	21.09	PK	34.5	8.4	0	63.99	-	-	74	-10.01	293	185	H
6	5.459	8.32	RMS	34.5	8.4	.09	51.31	54	-2.69	-	-	293	185	H
1	5.46	18.88	PK	34.5	8.4	0	61.78	-	-	74	-12.22	293	185	H
5	5.46	7.98	RMS	34.5	8.4	.09	50.97	54	-3.03	-	-	293	185	H
4	5.468	24.85	PK	34.5	8.4	0	67.75	-	-	68.2	-4.5	293	185	H
8	5.469	11.26	RMS	34.5	8.4	.09	54.25	-	-	-	-	293	185	H
3	5.47	22.88	PK	34.5	8.4	0	65.78	-	-	68.2	-2.42	293	185	H
7	5.47	10.96	RMS	34.5	8.4	.09	53.95	-	-	-	-	293	185	H

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

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEGE (HIGH CHANNEL)



Trace Markers

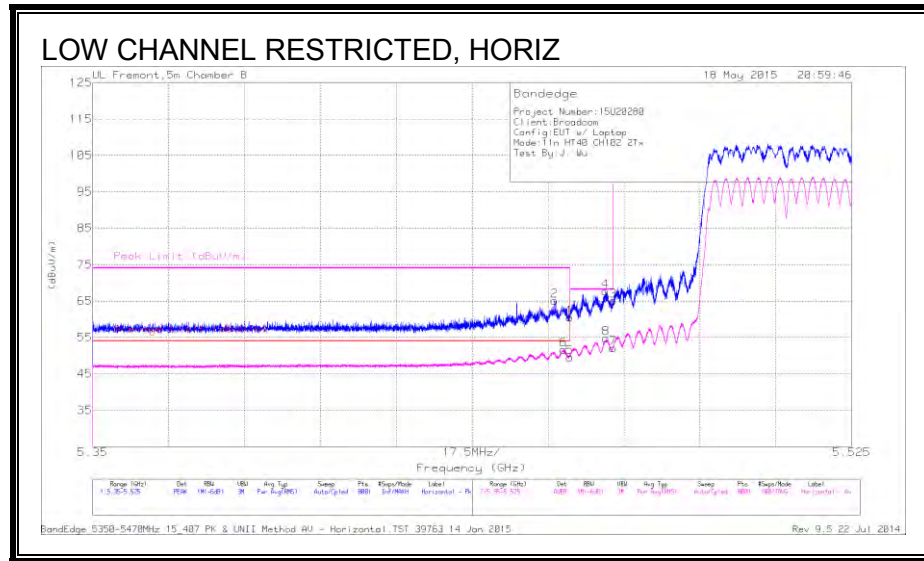
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-85.83	PK	35	8.6	11.8	-30.43	-27	-3.43	293	189	H
2	5.726	-82.98	PK	35	8.6	11.8	-27.58	-27	-5.8	293	189	H

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

PK - Peak detector
RMS - RMS detection

9.28. TX ABOVE 1 GHz 802.11n HT40 CDD 2TX MODE IN THE 5.6 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



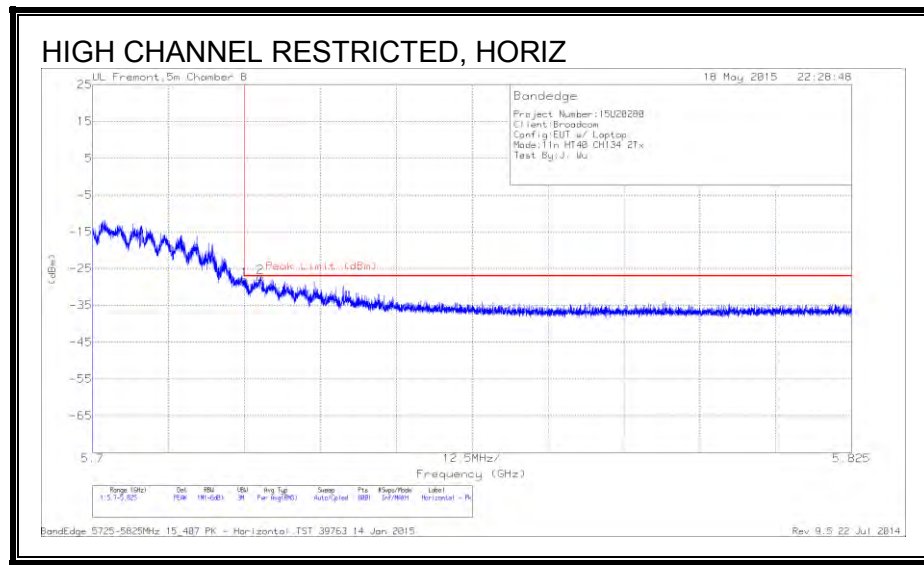
Trace Markers

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
2	5.457	22.19	PK	34.5	8.4	0	65.09	-	-	74	-8.91	288	188	H
6	5.459	8.7	RMS	34.5	8.4	.09	51.69	54	-2.31	-	-	288	188	H
1	5.46	17.52	PK	34.5	8.4	0	60.42	-	-	74	-13.58	288	188	H
5	5.46	6.67	RMS	34.5	8.4	.09	49.66	54	-4.34	-	-	288	188	H
4	5.468	24.79	PK	34.5	8.4	0	67.69	-	-	68.2	-5.1	288	188	H
8	5.468	11.82	RMS	34.5	8.4	.09	54.81	-	-	-	-	288	188	H
3	5.47	22.17	PK	34.5	8.4	0	65.07	-	-	68.2	-3.13	288	188	H
7	5.47	9.18	RMS	34.5	8.4	.09	52.17	-	-	-	-	288	188	H

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

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL)



Trace Markers

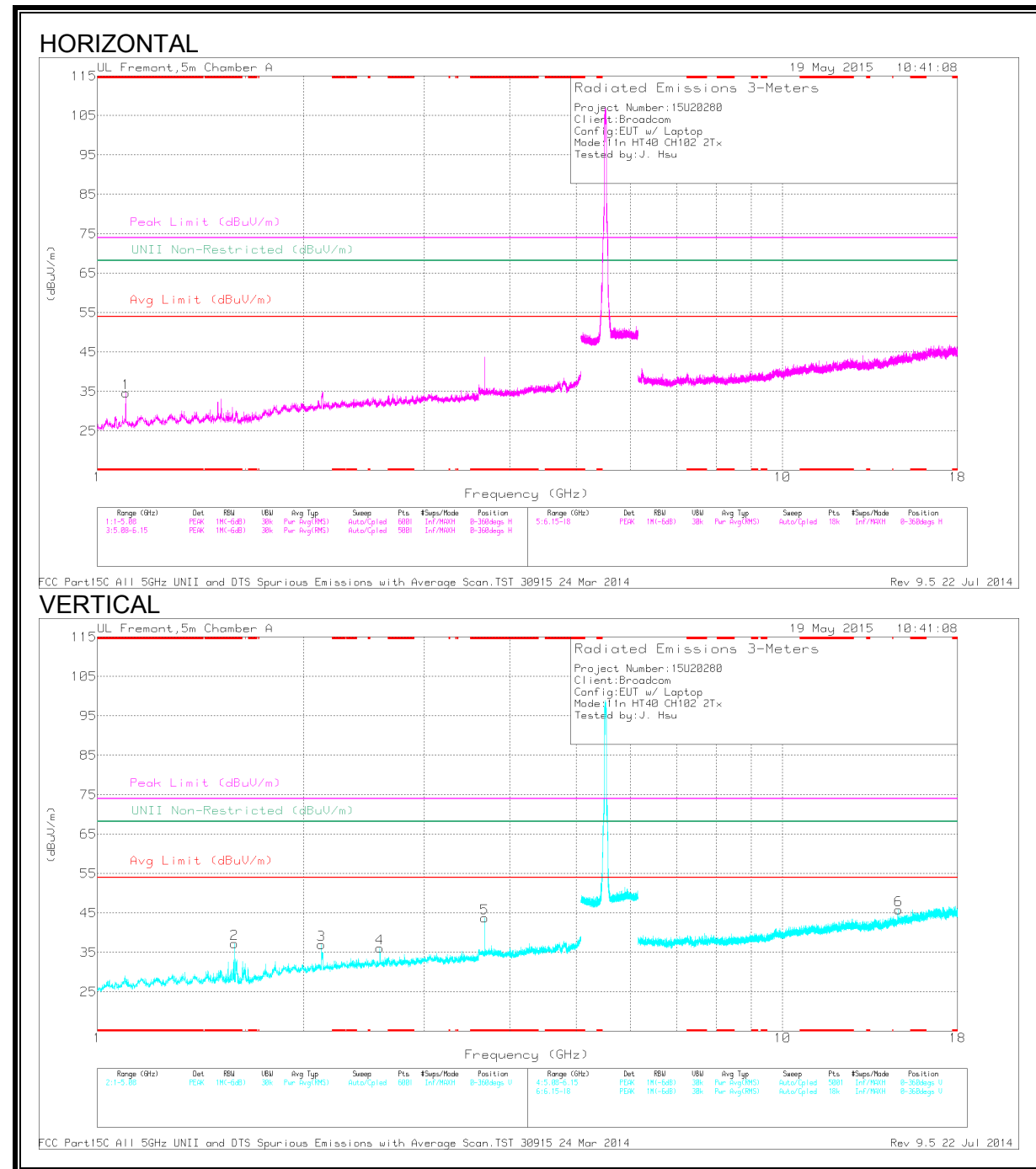
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-83.45	PK	35	8.6	11.8	-28.05	-27	-1.05	301	176	H
2	5.728	-82.67	PK	35	8.6	11.8	-27.27	-27	-.27	301	176	H

* - 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/ 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	* 1.099	53.15	PK1	27.2	-35.7	0	44.65	-	-	74	-29.35	-	-	212	148	H
	* 1.099	33.86	AD1	27.2	-35.7	.09	25.45	54	-28.55	-	-	-	-	212	148	H
2	* 1.582	45.56	PK1	28	-35.2	0	38.36	-	-	74	-35.64	-	-	68	165	V
	* 1.585	32.07	AD1	27.9	-35.2	.09	24.86	54	-29.14	-	-	-	-	68	165	V
5	* 3.673	49.02	PK1	33.2	-33.1	0	49.12	-	-	74	-24.88	-	-	169	363	V
	* 3.673	44.43	AD1	33.2	-33.1	.09	44.62	54	-9.38	-	-	-	-	169	363	V
3	2.124	47.45	PK1	31.4	-34.8	0	44.05	-	-	-	-	68.2	-24.15	341	203	V
4	2.583	43.68	PK1	32.2	-34.4	0	41.48	-	-	-	-	68.2	-26.72	280	150	V
6	14.769	34.82	PK1	39.6	-22.7	0	51.72	-	-	-	-	68.2	-16.48	161	213	V

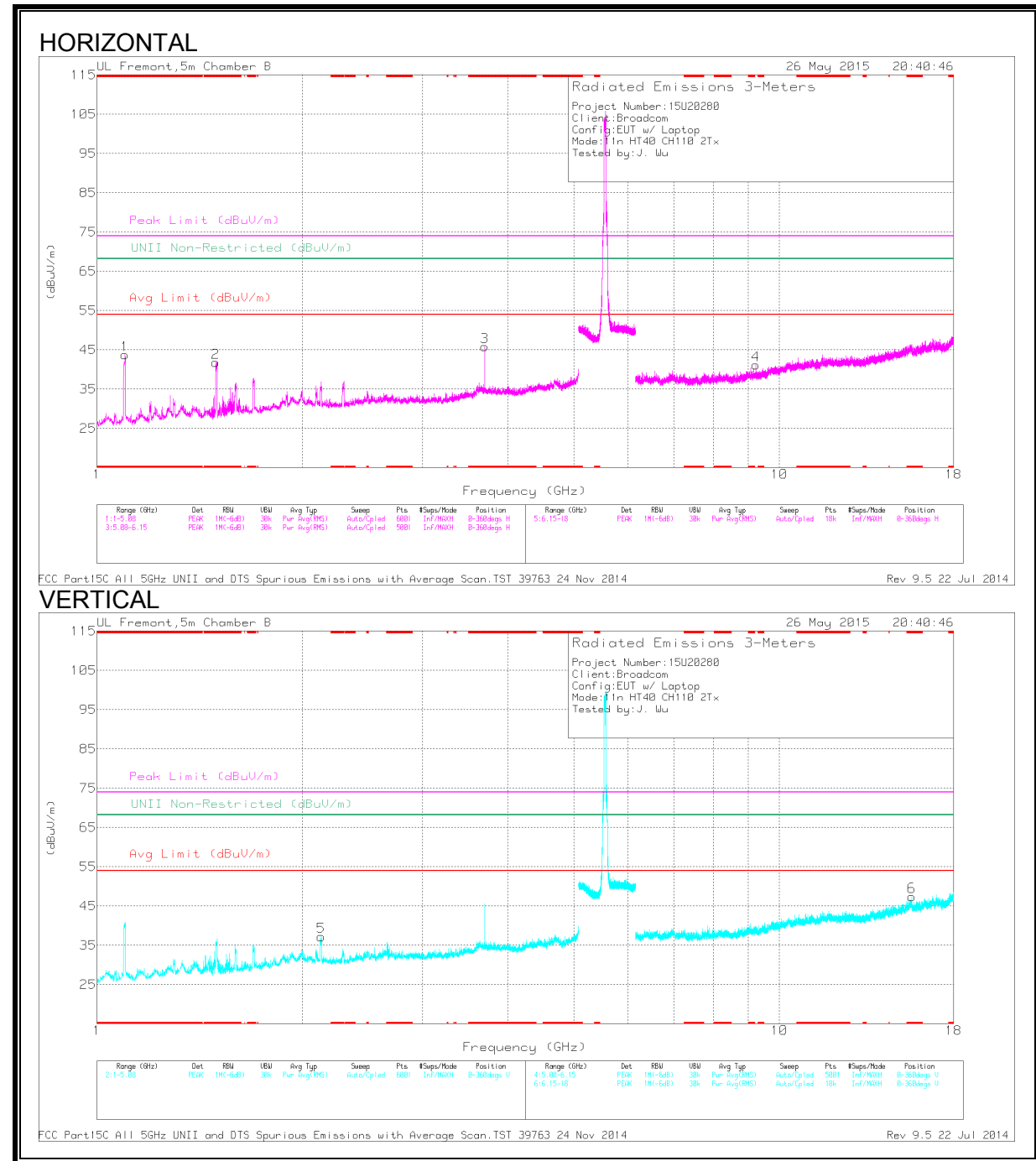
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

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	* 1.498	55.06	PK1	28.6	-34.1	0	49.56	-	-	74	-24.44	-	-	20	299	H
	* 1.496	43.2	AD1	28.7	-34.1	.09	37.89	54	-16.11	-	-	-	-	20	299	H
2	* 3.7	48.3	PK1	33.6	-31.2	0	50.7	-	-	74	-23.3	-	-	48	305	H
	* 3.7	44.83	AD1	33.6	-31.2	.09	47.32	54	-6.68	-	-	-	-	48	305	H
3	* 1.1	56.65	PK1	27.6	-34	0	50.25	-	-	74	-23.75	-	-	23	136	H
	* 1.097	48.57	AD1	27.6	-34	.09	42.26	54	-11.74	-	-	-	-	23	136	H
6	* 15.62	33.95	PK1	40.8	-20.3	0	54.45	-	-	74	-19.55	-	-	48	162	V
	* 15.619	21.95	AD1	40.8	-20.3	.09	42.54	54	-11.46	-	-	-	-	48	162	V
5	2.131	47.98	PK1	31.6	-32.6	0	46.98	-	-	-	-	68.2	-21.22	274	197	V
4	9.234	35.35	PK1	36.2	-24.5	0	47.05	-	-	-	-	68.2	-21.15	160	381	H

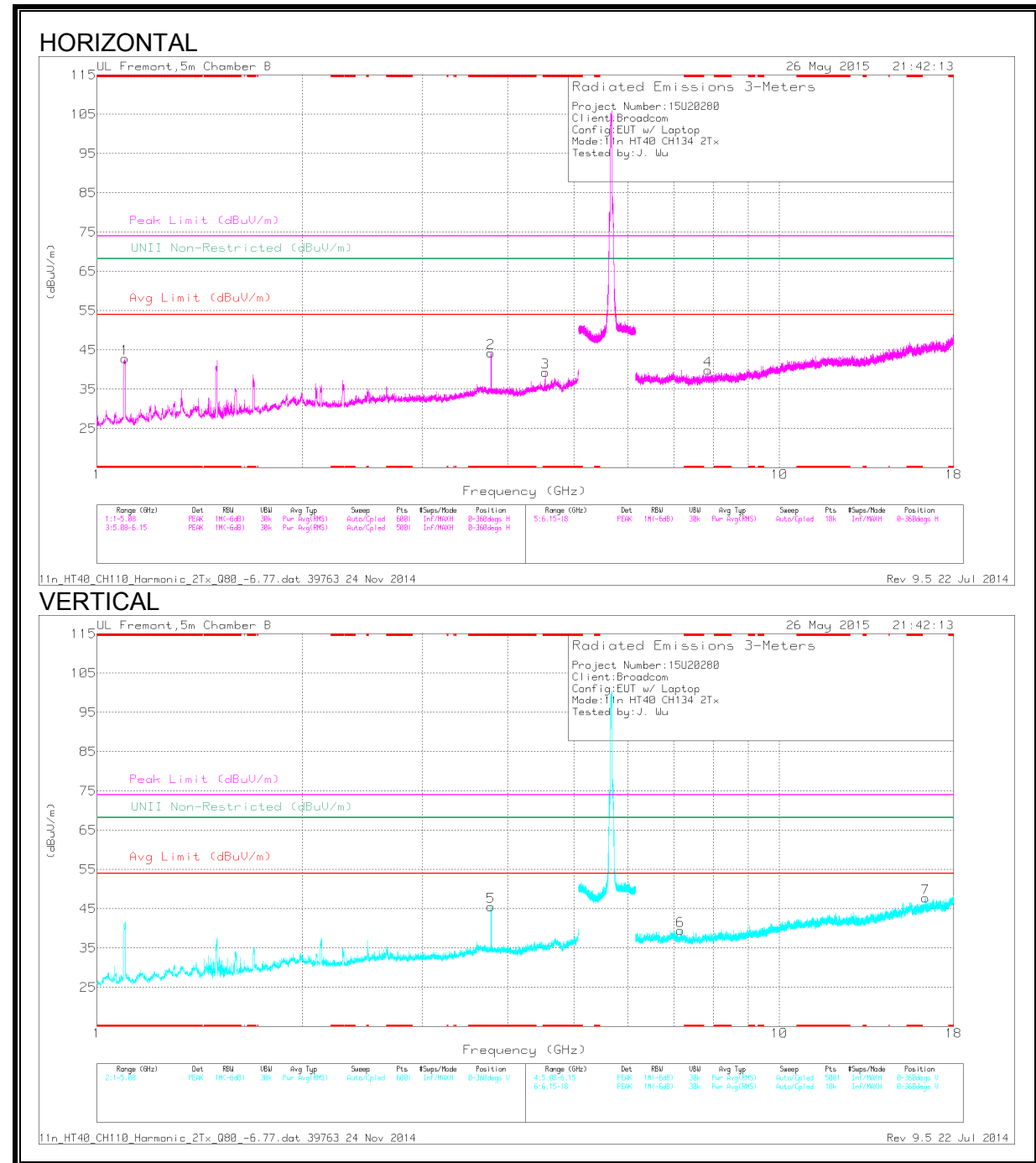
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

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	* 1.1	56.97	PK1	27.6	-34	0	50.57	-	-	74	-23.43	-	-	22	242	H
	* 1.098	48.93	AD1	27.6	-34	.09	42.62	54	-11.38	-	-	-	-	22	242	H
2	* 3.78	47.67	PK1	33.4	-30.6	0	50.47	-	-	74	-23.53	-	-	46	254	H
	* 3.78	43.91	AD1	33.4	-30.6	.09	46.8	54	-7.2	-	-	-	-	46	254	H
3	* 4.536	43.77	PK1	34	-30.5	0	47.27	-	-	74	-26.73	-	-	262	157	H
	* 4.536	35.97	AD1	34	-30.5	.09	39.56	54	-14.44	-	-	-	-	262	157	H
5	* 3.78	47.8	PK1	33.4	-30.6	0	50.6	-	-	74	-23.4	-	-	96	261	V
	* 3.78	43.91	AD1	33.4	-30.6	.09	46.8	54	-7.2	-	-	-	-	96	261	V
6	7.161	39.01	PK1	35.5	-27.2	0	47.31	-	-	-	-	68.2	-20.89	27	201	V
4	7.855	37.41	PK1	35.6	-26.5	0	46.51	-	-	-	-	68.2	-21.69	31	278	H
7	16.378	33.12	PK1	41.2	-20.4	0	53.92	-	-	-	-	68.2	-14.28	286	331	V

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

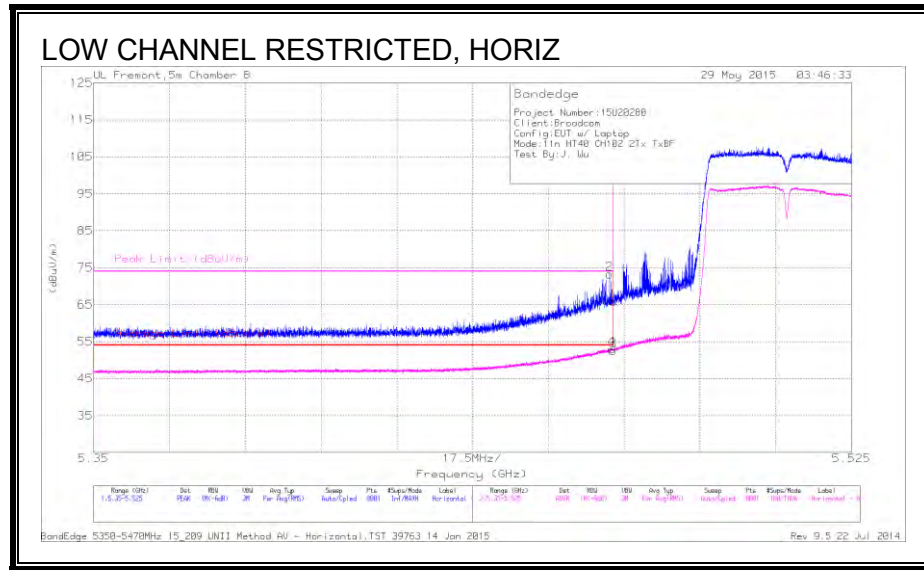
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.29. TX ABOVE 1 GHz 802.11ac HT40 TxBF 2TX MODE IN THE 5.6 GHz BAND

RESTRICTED BANDEGE (LOW CHANNEL)



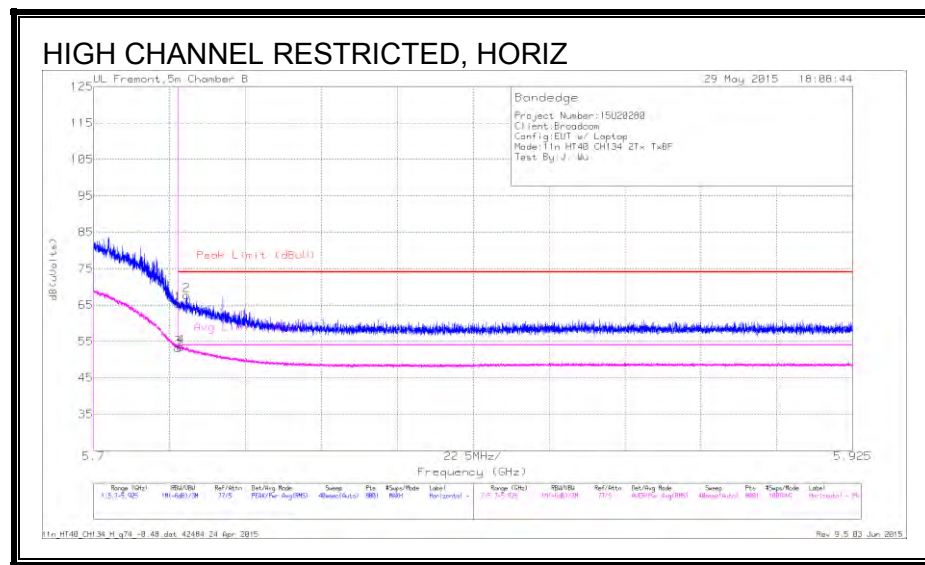
Trace Markers

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
2	5.469	30.35	PK	34.5	8.4	0	73.25	-	-	-	-	101	278	H
1	5.47	22.91	PK	34.5	8.4	0	65.81	-	-	-	-	101	278	H
3	5.47	9.66	RMS	34.5	8.4	.16	52.72	54	-1.28	-	-	101	278	H
4	5.47	10.04	RMS	34.5	8.4	.16	53.1	54	-.9	-	-	101	278	H

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

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL)



Trace Markers

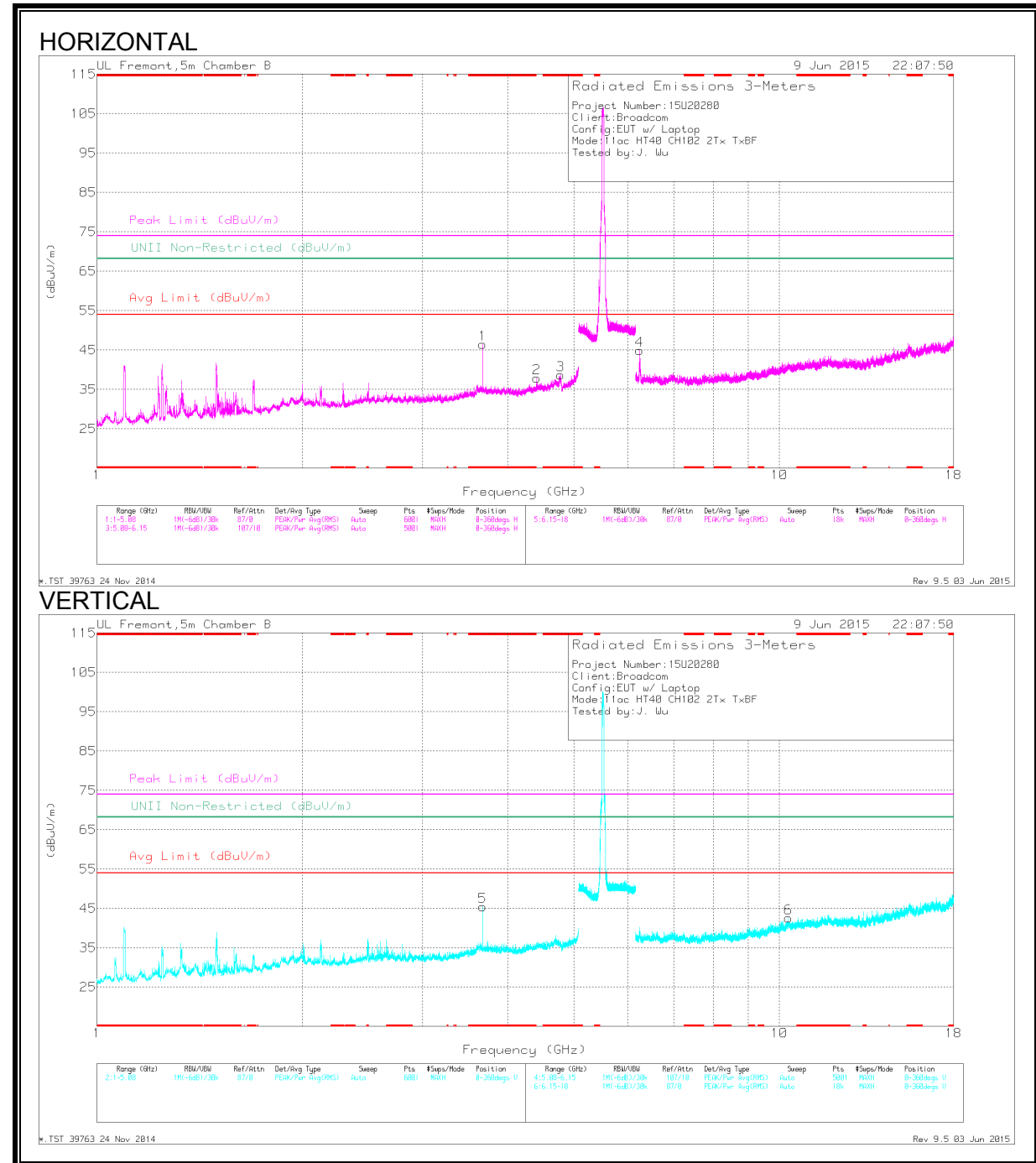
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading dB(uVolts)	Peak Limit (dBuV)	PK Margin (dB)	Avg Limit (dBuV)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	21.69	Pk	35	8.6	0	65.29	74	-8.71	-	-	65	145	H
3	5.725	9.54	RMS	35	8.6	.16	53.3	-	-	54	-.7	65	145	H
4	5.726	9.92	RMS	35	8.6	.16	53.68	-	-	54	-.32	65	145	H
2	5.728	24.07	Pk	35	8.6	0	67.67	74	-6.33	-	-	65	145	H

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

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

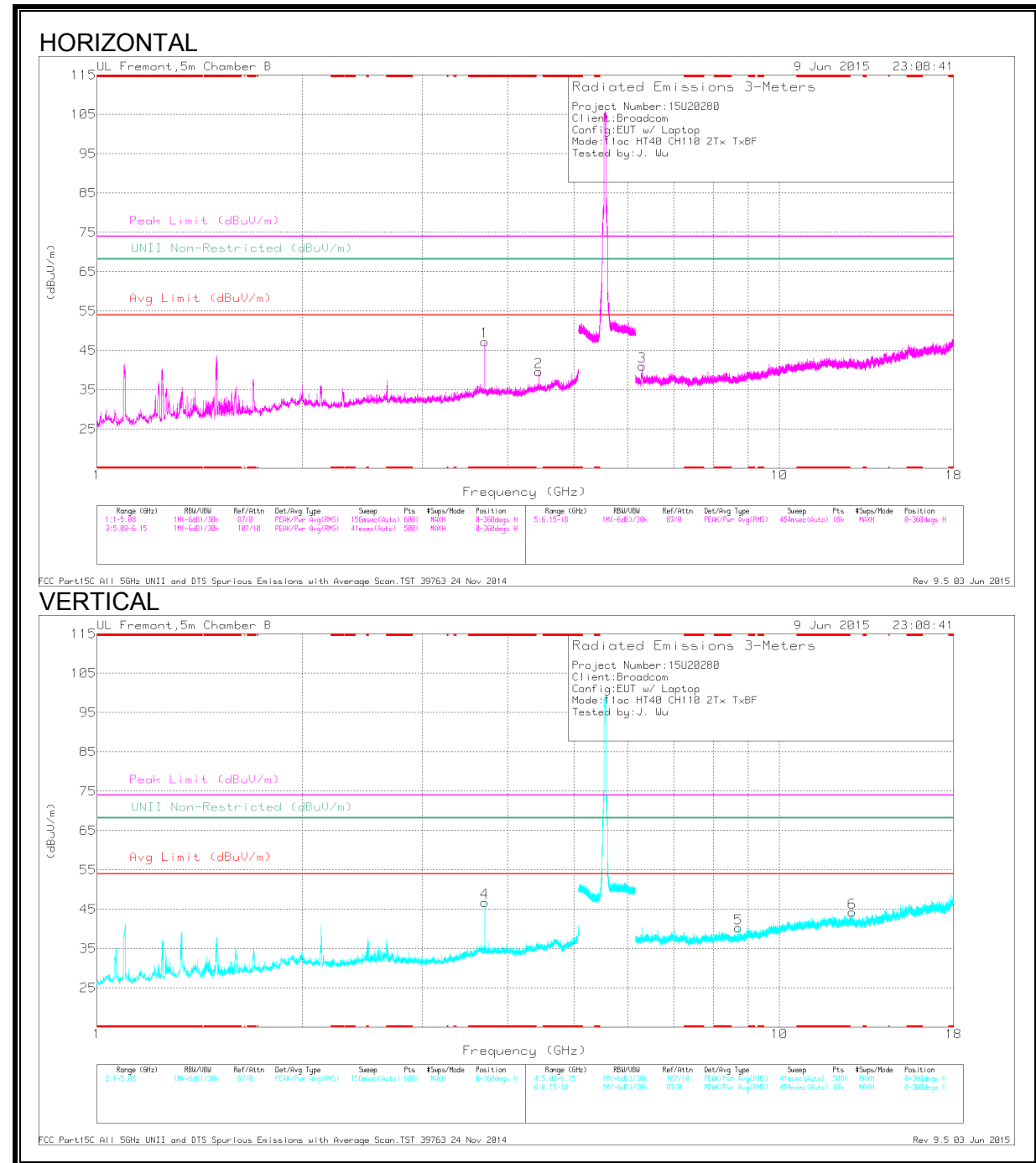
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.673	47.69	PK3	33.7	-31	0	50.39	-	-	74	-23.61	-	-	36	235	H
	* 3.673	43.7	ADR	33.7	-31	.16	46.56	54	-7.44	-	-	-	-	36	235	H
3	* 4.779	42.22	PK3	34.3	-29.3	0	47.22	-	-	74	-26.78	-	-	289	200	H
	* 4.772	31.37	ADR	34.3	-29.3	.16	36.53	54	-17.47	-	-	-	-	289	200	H
5	* 3.673	47.36	PK3	33.7	-31	0	50.06	-	-	74	-23.94	-	-	53	270	V
	* 3.673	43.66	ADR	33.7	-31	.16	46.52	54	-7.48	-	-	-	-	53	270	V
2	4.408	43.08	PK3	33.9	-29.9	0	47.08	-	-	-	-	68.2	-21.12	274	226	H
4	6.235	44.61	PK3	35.5	-28.6	0	51.51	-	-	-	-	68.2	-16.69	301	193	H
6	10.305	35.36	PK3	37.4	-23	0	49.76	-	-	-	-	68.2	-18.44	262	102	V

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

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL



Trace Markers

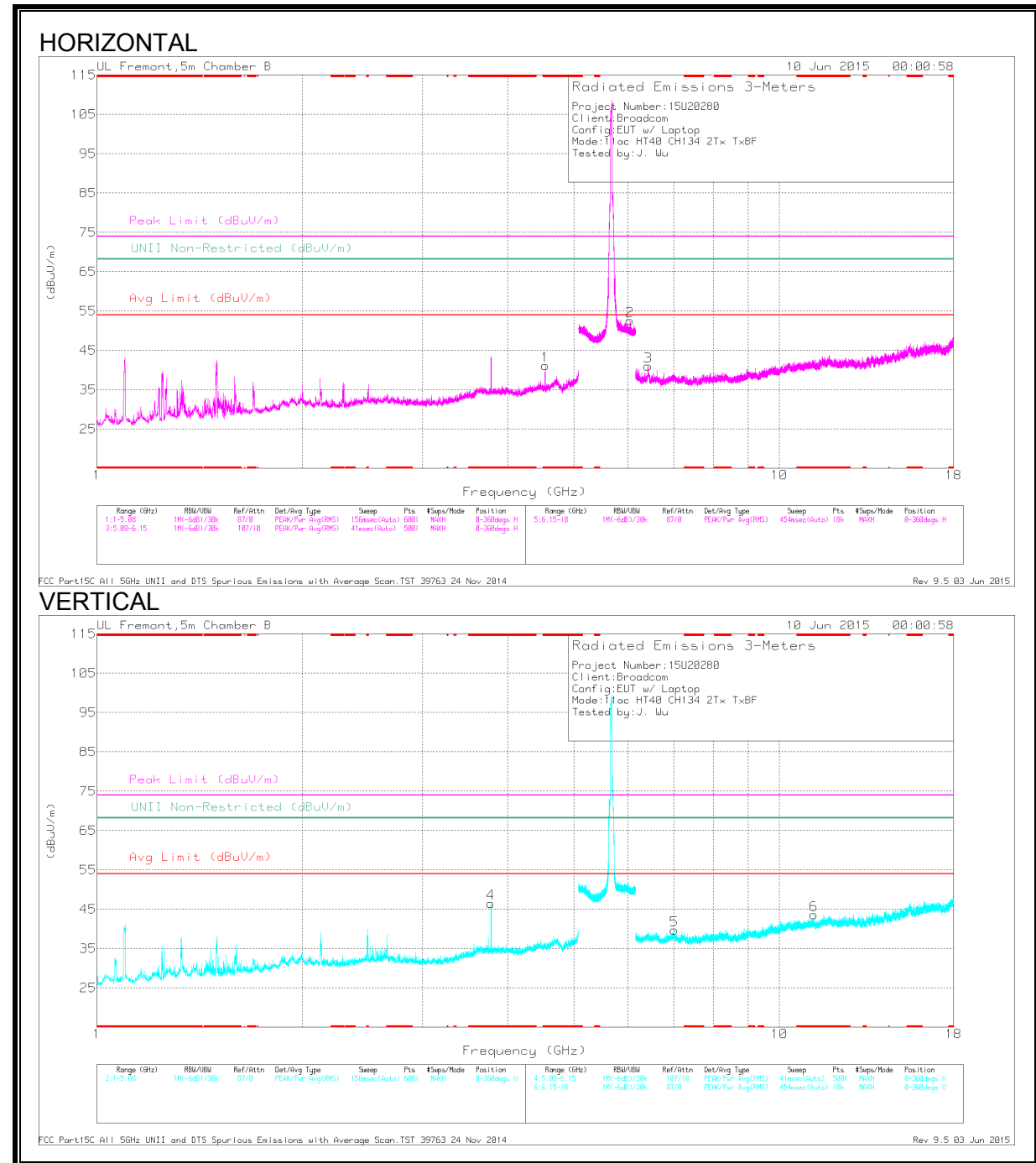
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.7	48.64	PK3	33.6	-31.2	0	51.04	-	-	74	-22.96	-	-	40	203	H
	* 3.7	44.99	ADR	33.6	-31.2	.16	47.55	54	-6.45	-	-	-	-	40	203	H
4	* 3.7	49.13	PK3	33.6	-31.2	0	51.53	-	-	74	-22.47	-	-	132	307	V
	* 3.7	45.63	ADR	33.6	-31.2	.16	48.19	54	-5.81	-	-	-	-	132	307	V
2	4.44	42.22	PK3	33.9	-29.5	0	46.62	-	-	-	-	68.2	-21.58	271	201	H
3	6.291	44.41	PK3	35.6	-28.9	0	51.11	-	-	-	-	68.2	-17.09	303	207	H
5	8.708	36.99	PK3	35.8	-26.1	0	46.69	-	-	-	-	68.2	-21.51	270	102	V
6	12.785	34.01	PK3	38.8	-22	0	50.81	-	-	-	-	68.2	-17.39	254	336	V

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

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS 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	* 4.536	44.94	PK3	34	-30.5	0	48.44	-	-	74	-25.56	-	-	272	215	H
	* 4.536	38.27	ADR	34	-30.5	.16	41.93	54	-12.07	-	-	-	-	272	215	H
4	* 3.78	48.61	PK3	33.4	-30.6	0	51.41	-	-	74	-22.59	-	-	134	299	V
	* 3.78	44.62	ADR	33.4	-30.6	.16	47.58	54	-6.42	-	-	-	-	134	299	V
6	* 11.23	34.52	PK3	37.9	-21.9	0	50.52	-	-	74	-23.48	-	-	85	295	V
	* 11.232	22.5	ADR	37.9	-21.9	.16	38.66	54	-15.34	-	-	-	-	85	295	V
2	6.043	41.25	PK3	35.6	-17.6	0	59.25	-	-	-	-	68.2	-8.95	296	200	H
3	6.427	42.86	PK3	35.7	-29	0	49.56	-	-	-	-	68.2	-18.64	299	199	H
5	7.015	38.88	PK3	36	-27.5	0	47.38	-	-	-	-	68.2	-20.82	337	102	V

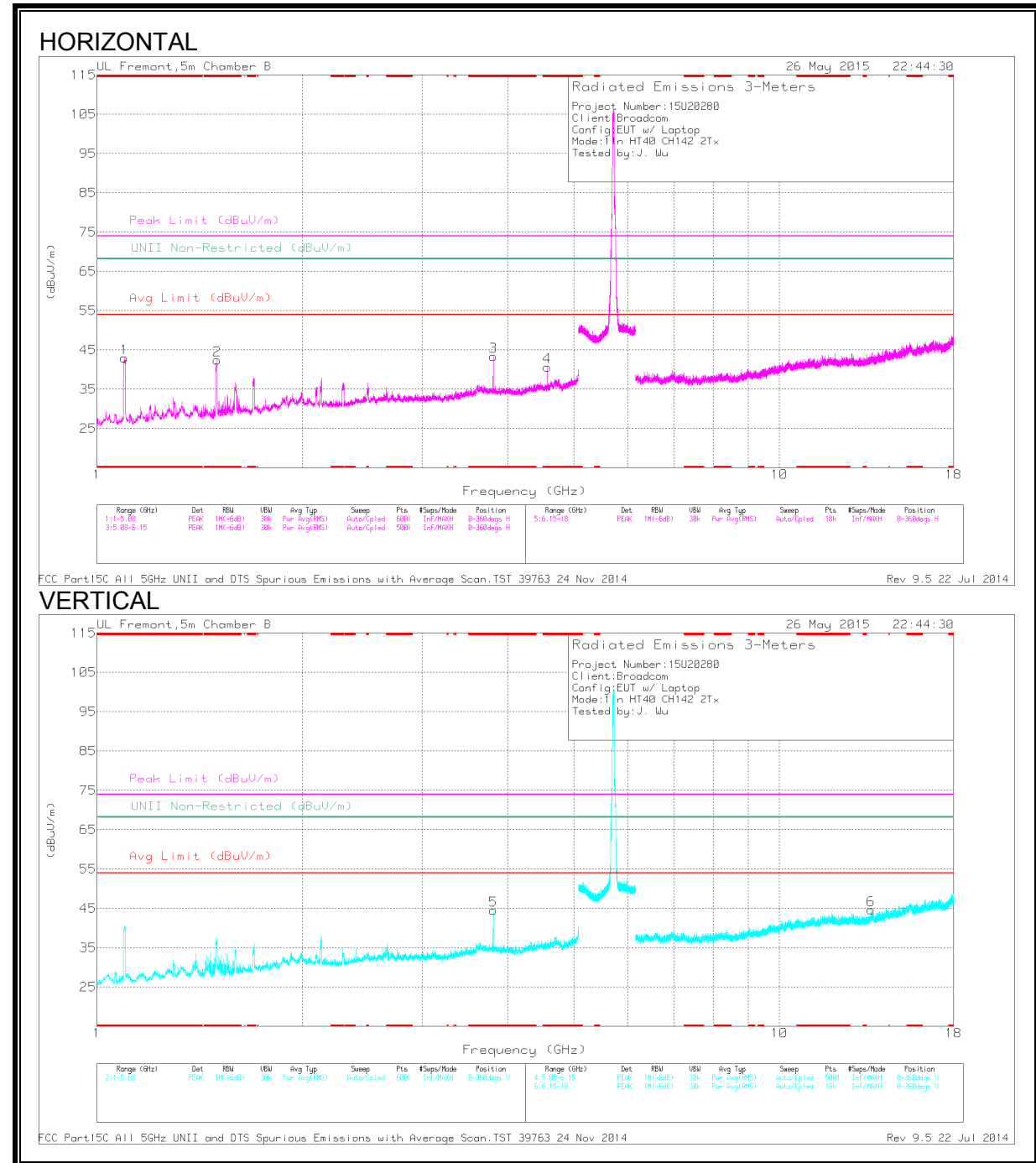
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.30. TX ABOVE 1 GHz 802.11n HT40 2TX 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	* 1.099	57.03	PK1	27.6	-34	0	50.63	-	-	74	-23.37	-	-	17	238	H
	* 1.097	49.08	AD1	27.6	-34	.09	42.77	54	-11.23	-	-	-	-	17	238	H
2	* 1.498	54.85	PK1	28.7	-34.1	0	49.45	-	-	74	-24.55	-	-	30	145	H
	* 1.497	43.63	AD1	28.7	-34.1	.09	38.32	54	-15.68	-	-	-	-	30	145	H
3	* 3.807	46.12	PK1	33.3	-30.8	0	48.62	-	-	74	-25.38	-	-	196	225	H
	* 3.807	41.33	AD1	33.3	-30.8	.09	43.92	54	-10.08	-	-	-	-	196	225	H
4	* 4.568	43.6	PK1	34	-30.3	0	47.3	-	-	74	-26.7	-	-	298	185	H
	* 4.568	36.76	AD1	34	-30.3	.09	40.55	54	-13.45	-	-	-	-	298	185	H
5	* 3.807	46.82	PK1	33.3	-30.8	0	49.32	-	-	74	-24.68	-	-	99	265	V
	* 3.807	42.74	AD1	33.3	-30.8	.09	45.33	54	-8.67	-	-	-	-	99	265	V
6	13.631	34.08	PK1	38.8	-22.4	0	50.48	-	-	-	-	68.2	-17.72	311	239	V

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

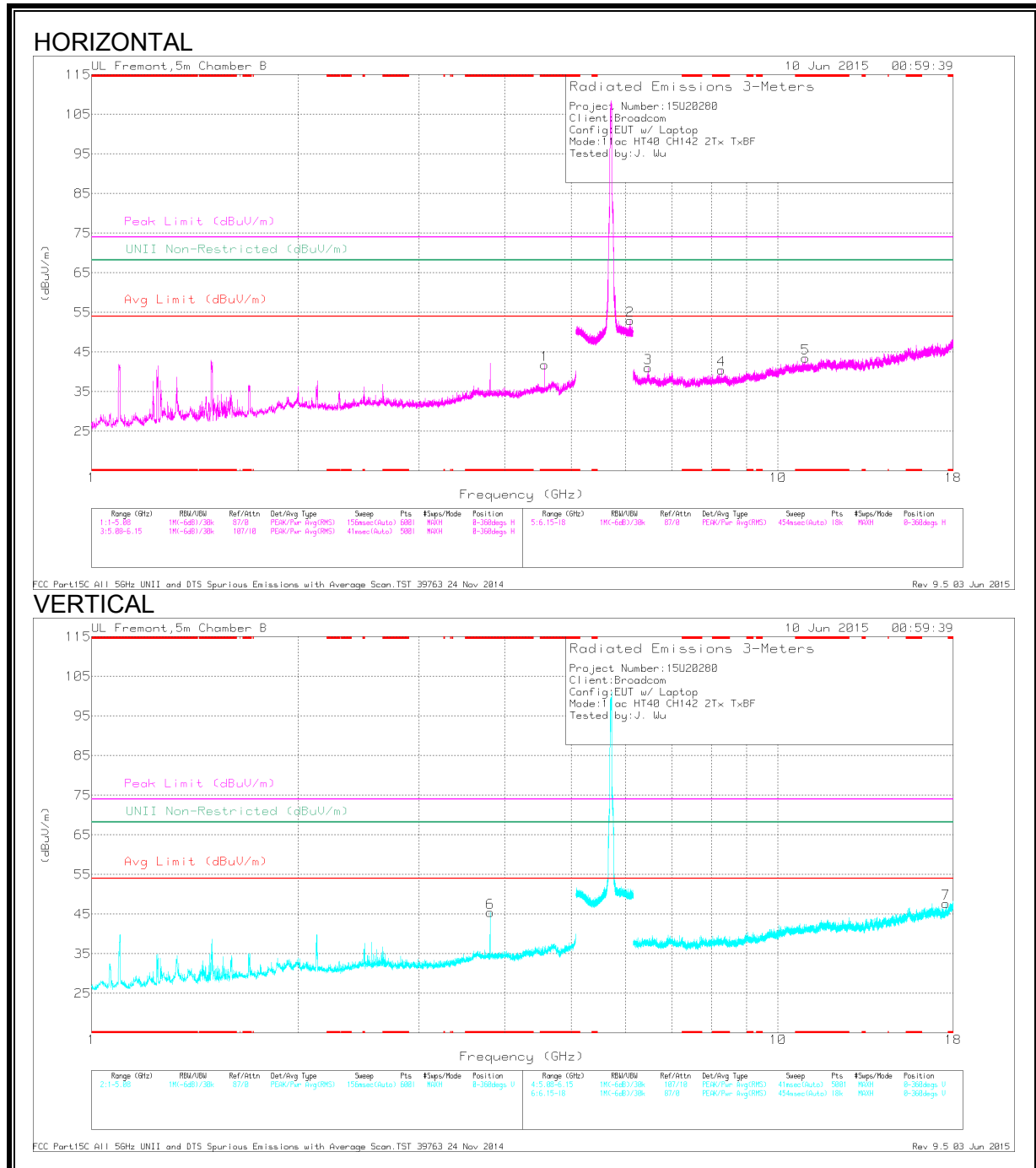
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.31. TX ABOVE 1 GHz 802.11ac HT40 TxBF 2TX 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	* 4.568	44.64	PK3	34	-30.3	0	48.34	-	-	74	-25.66	-	-	268	216	H
	* 4.568	38.41	ADR	34	-30.3	.16	42.27	54	-11.73	-	-	-	-	268	216	H
6	* 3.807	47.44	PK3	33.3	-30.8	0	49.94	-	-	74	-24.06	-	-	123	393	V
	* 3.807	42.8	ADR	33.3	-30.8	.16	45.46	54	-8.54	-	-	-	-	123	393	V
4	* 8.275	37.61	PK3	35.7	-26.6	0	46.71	-	-	74	-27.29	-	-	239	102	H
	* 8.275	26.14	ADR	35.7	-26.6	.16	35.4	54	-18.6	-	-	-	-	239	102	H
5	* 10.971	35.58	PK3	37.7	-22.5	0	50.78	-	-	74	-23.22	-	-	239	199	H
	* 10.973	23.8	ADR	37.7	-22.5	.16	39.16	54	-14.84	-	-	-	-	239	199	H
2	6.091	42.33	PK3	35.5	-17.4	0	60.43	-	-	-	-	68.2	-7.77	289	199	H
3	6.472	44.41	PK3	35.8	-29.2	0	51.01	-	-	-	-	68.2	-17.19	284	198	H
7	17.58	33.05	PK3	40.9	-19.8	0	54.15	-	-	-	-	68.2	-14.05	239	199	V

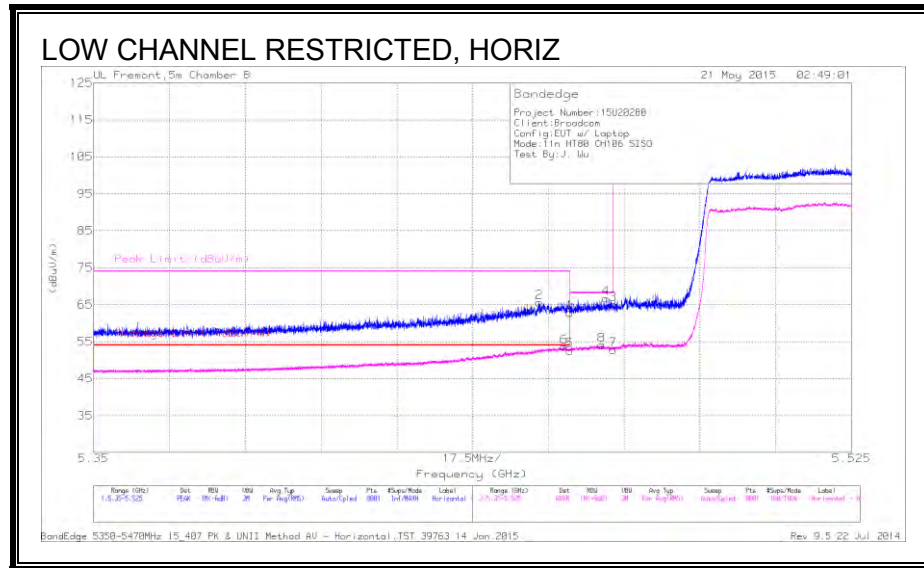
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

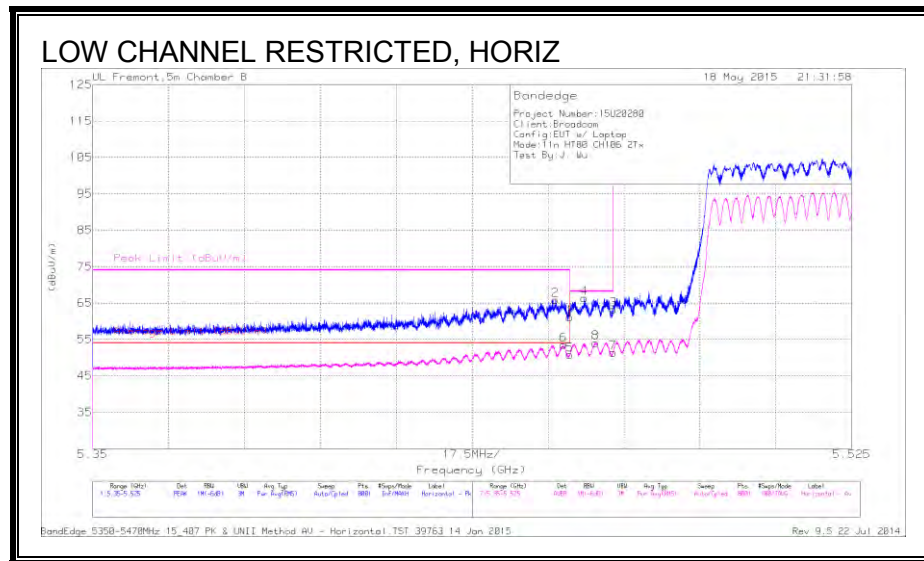
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.453	22.74	PK	34.5	8.4	0	65.64	-	-	74	-8.36	273	172	H
6	5.459	10.54	RMS	34.5	8.4	.19	53.63	54	-37	-	-	273	172	H
1	5.46	19.96	PK	34.5	8.4	0	62.86	-	-	74	-11.14	273	172	H
5	5.46	9.48	RMS	34.5	8.4	.19	52.57	54	-1.43	-	-	273	172	H
8	5.467	10.98	RMS	34.5	8.4	.19	54.07	-	-	-	-	273	172	H
4	5.468	23.84	PK	34.5	8.4	0	66.74	-	-	68.2	-1.46	273	172	H
3	5.47	22.25	PK	34.5	8.4	0	65.15	-	-	68.2	-3.05	273	172	H
7	5.47	9.76	RMS	34.5	8.4	.19	52.85	-	-	-	-	273	172	H

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

PK - Peak detector
RMS - RMS detection

9.33. TX ABOVE 1 GHz 802.11ac VHT80 CDD 2TX MODE IN THE 5.6 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



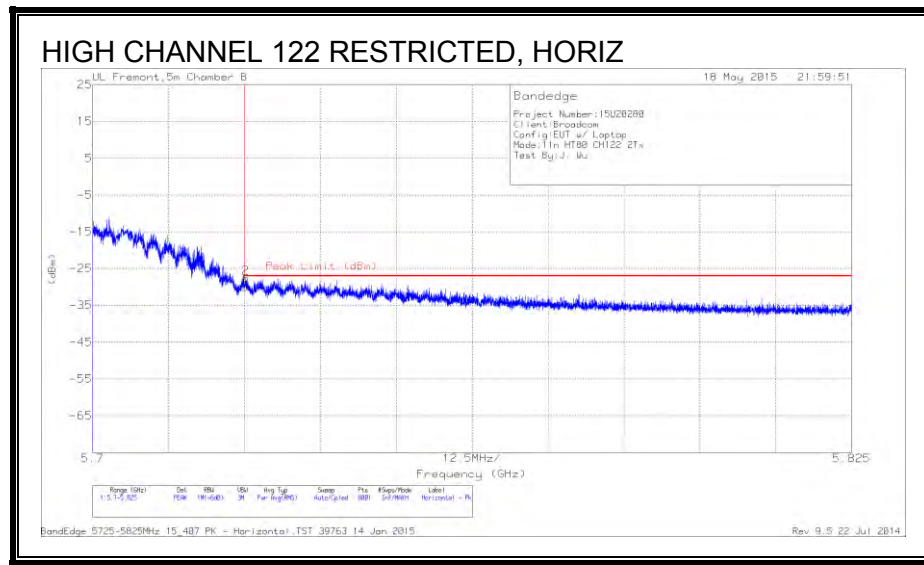
Trace Markers

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
2	5.457	22.94	PK	34.5	8.4	0	65.84	-	-	74	-8.16	286	192	H
6	5.459	10.51	RMS	34.5	8.4	.19	53.6	54	-4	-	-	286	192	H
1	5.46	18.18	PK	34.5	8.4	0	61.08	-	-	74	-12.92	286	192	H
5	5.46	7.79	RMS	34.5	8.4	.19	50.88	54	-3.12	-	-	286	192	H
4	5.463	23.41	PK	34.5	8.4	0	66.31	-	-	68.2	-1.89	286	192	H
8	5.466	11.09	RMS	34.5	8.4	.19	54.18	-	-	-	-	286	192	H
3	5.47	20.27	PK	34.5	8.4	0	63.17	-	-	68.2	-5.03	286	192	H
7	5.47	8.36	RMS	34.5	8.4	.19	51.45	-	-	-	-	286	192	H

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

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL 122)



Trace Markers

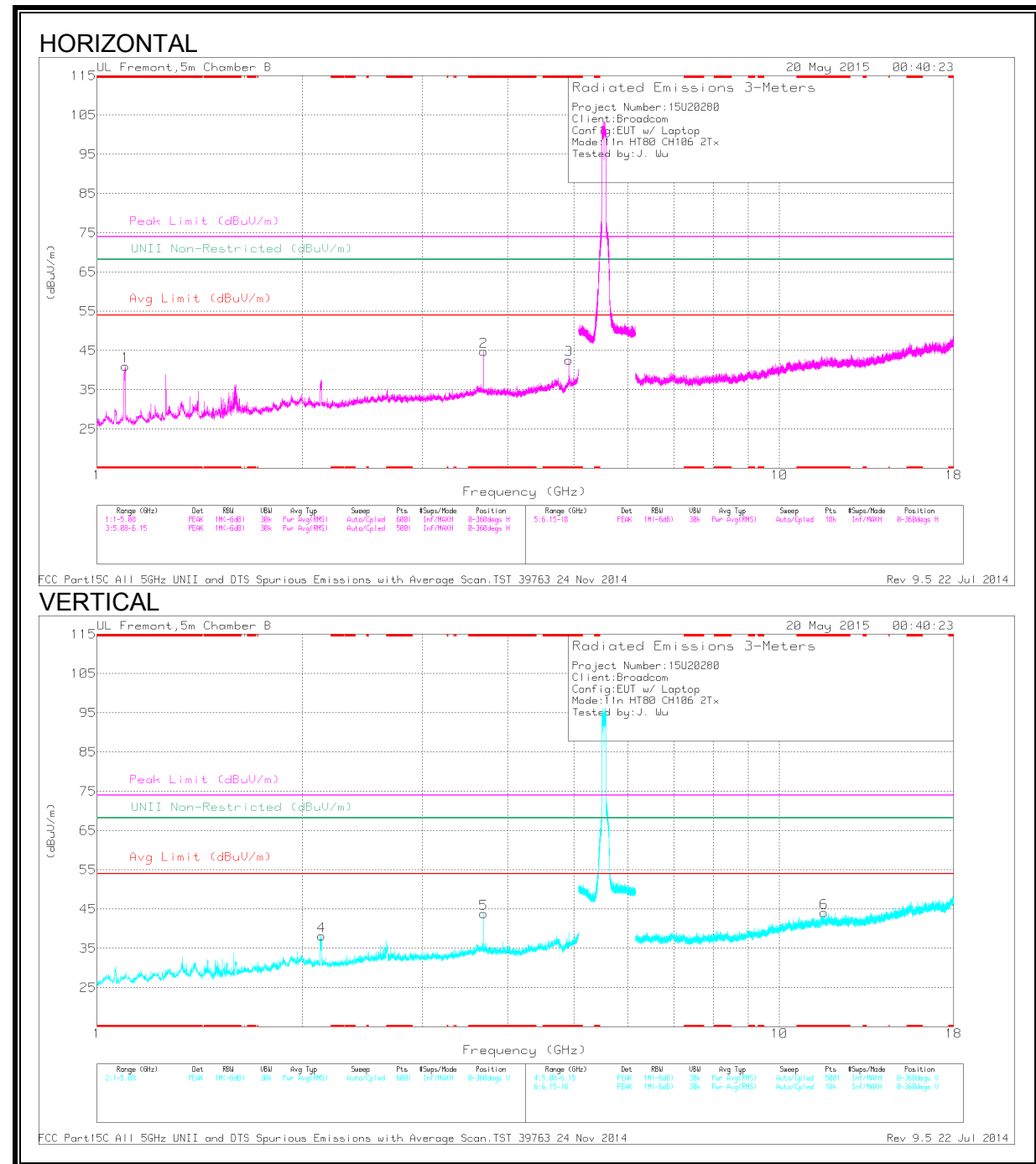
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-85.39	PK	35	8.6	11.8	-29.99	-27	-2.99	276	195	H
2	5.725	-82.99	PK	35	8.6	11.8	-27.59	-27	-.59	276	195	H

* - 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/ 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	* 1.096	51.37	PK1	27.6	-34	0	44.97	-	-	74	-29.03	-	-	278	361	H
	* 1.097	32.27	AD1	27.6	-34	.19	26.06	54	-27.94	-	-	-	-	278	361	H
2	* 3.687	46.43	PK1	33.6	-31.2	0	48.83	-	-	74	-25.17	-	-	200	260	H
	* 3.687	41.8	AD1	33.6	-31.2	.19	44.39	54	-9.61	-	-	-	-	200	260	H
3	* 4.916	43.56	PK1	34.1	-29.1	0	48.56	-	-	74	-25.44	-	-	276	181	H
	* 4.916	37.26	AD1	34.1	-29.1	.19	42.45	54	-11.55	-	-	-	-	276	181	H
5	* 3.687	47.93	PK1	33.6	-31.2	0	50.33	-	-	74	-23.67	-	-	86	247	V
	* 3.687	44.56	AD1	33.6	-31.2	.19	47.15	54	-6.85	-	-	-	-	86	247	V
6	* 11.634	34.43	PK1	38.4	-22.5	0	50.33	-	-	74	-23.67	-	-	135	218	V
	* 11.634	23	AD1	38.4	-22.5	.19	39.09	54	-14.91	-	-	-	-	135	218	V
4	2.134	48.45	PK1	31.5	-32.6	0	47.35	-	-	-	-	68.2	-20.85	283	203	V

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

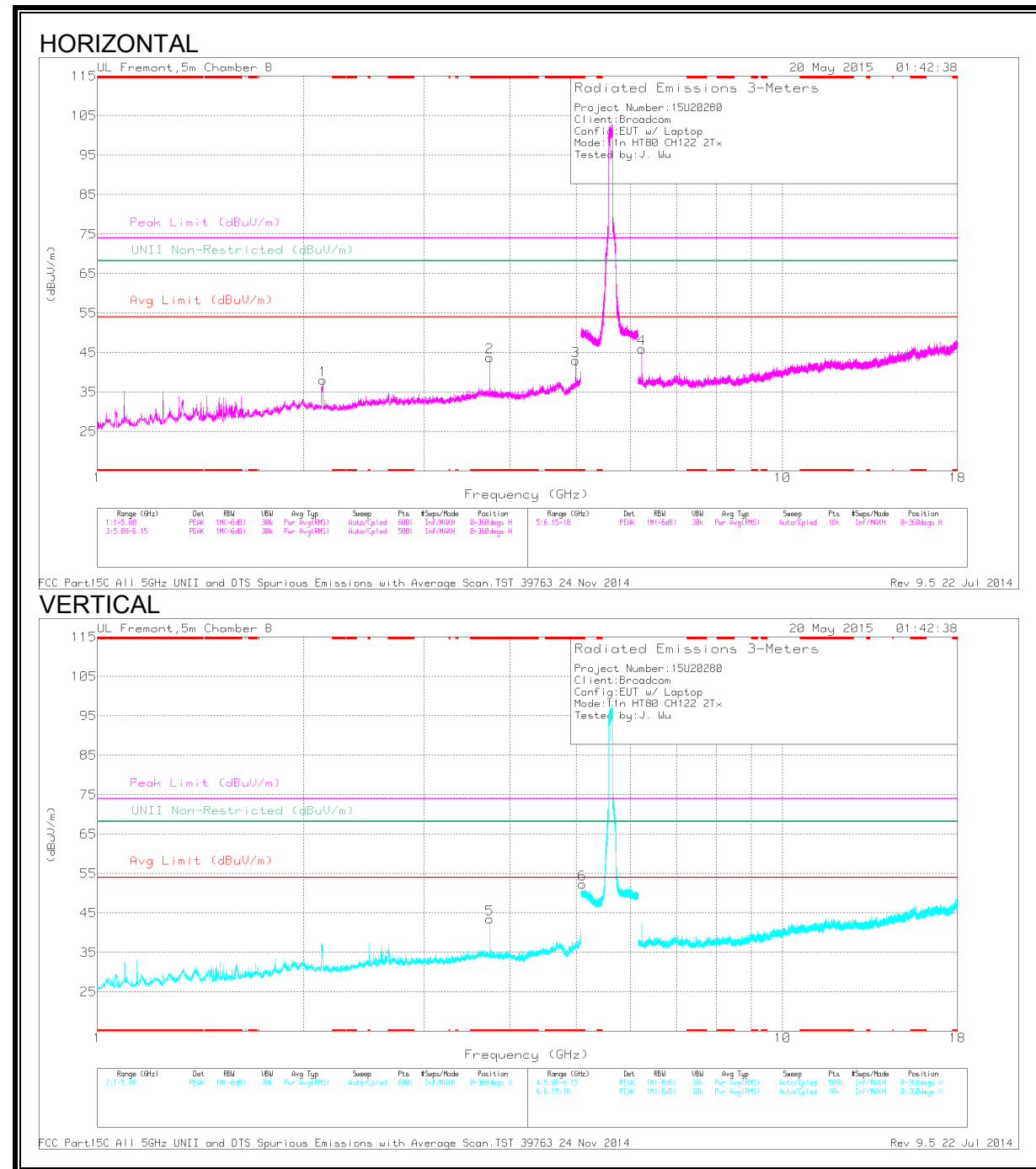
** - indicates frequency covered by BE tests

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 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
2	* 3.74	46.16	PK1	33.5	-31	0	48.66	-	-	74	-25.34	-	-	23	256	H
	* 3.74	42.06	AD1	33.5	-31	.19	44.75	54	-9.25	-	-	-	-	23	256	H
3	* 4.987	43.2	PK1	34	-28.2	0	49	-	-	74	-25	-	-	278	193	H
	* 4.987	36.48	AD1	34	-28.2	.19	42.47	54	-11.53	-	-	-	-	278	193	H
5	* 3.74	46.26	PK1	33.5	-31	0	48.76	-	-	74	-25.24	-	-	220	184	V
	* 3.74	41.7	AD1	33.5	-31	.19	44.39	54	-9.61	-	-	-	-	220	184	V
6	* 5.1	41.84	PK1	34	-17.6	0	58.24	-	-	74	-15.76	-	-	357	360	V
	* 5.1	30.7	AD1	34	-17.6	.19	47.29	54	-6.71	-	-	-	-	357	360	V
1	2.128	47.71	PK1	31.6	-32.7	0	46.61	-	-	-	-	68.2	-21.59	119	198	H
4	6.233	45.21	PK1	35.5	-28.5	0	52.21	-	-	-	-	68.2	-15.99	283	168	H

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

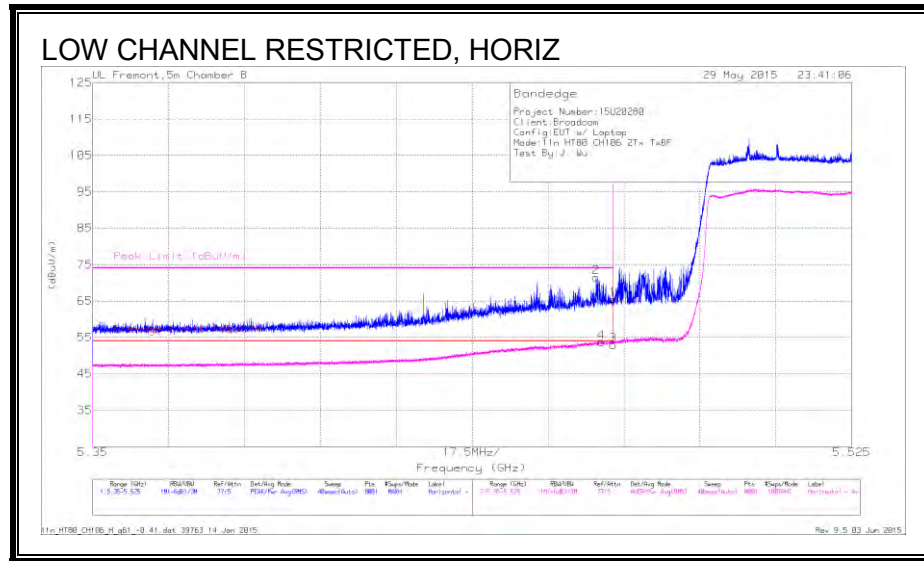
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.34. TX ABOVE 1 GHz 802.11ac VHT80 TxBF 2TX MODE IN THE 5.6 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



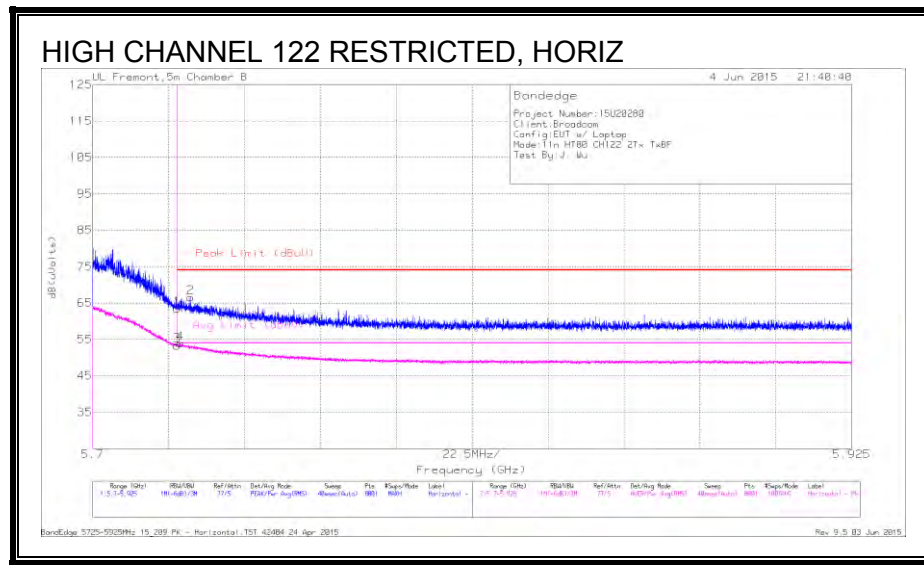
Trace Markers

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
2	5.466	28.63	Pk	34.5	8.4	0	71.53	-	-	-	-	294	177	H
4	5.467	10.57	RMS	34.5	8.4	.52	53.99	54	-.01	-	-	294	177	H
1	5.47	22.51	Pk	34.5	8.4	0	65.41	-	-	-	-	294	177	H
3	5.47	10.05	RMS	34.5	8.4	.52	53.47	54	-.53	-	-	294	177	H

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

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL 122)



Trace Markers

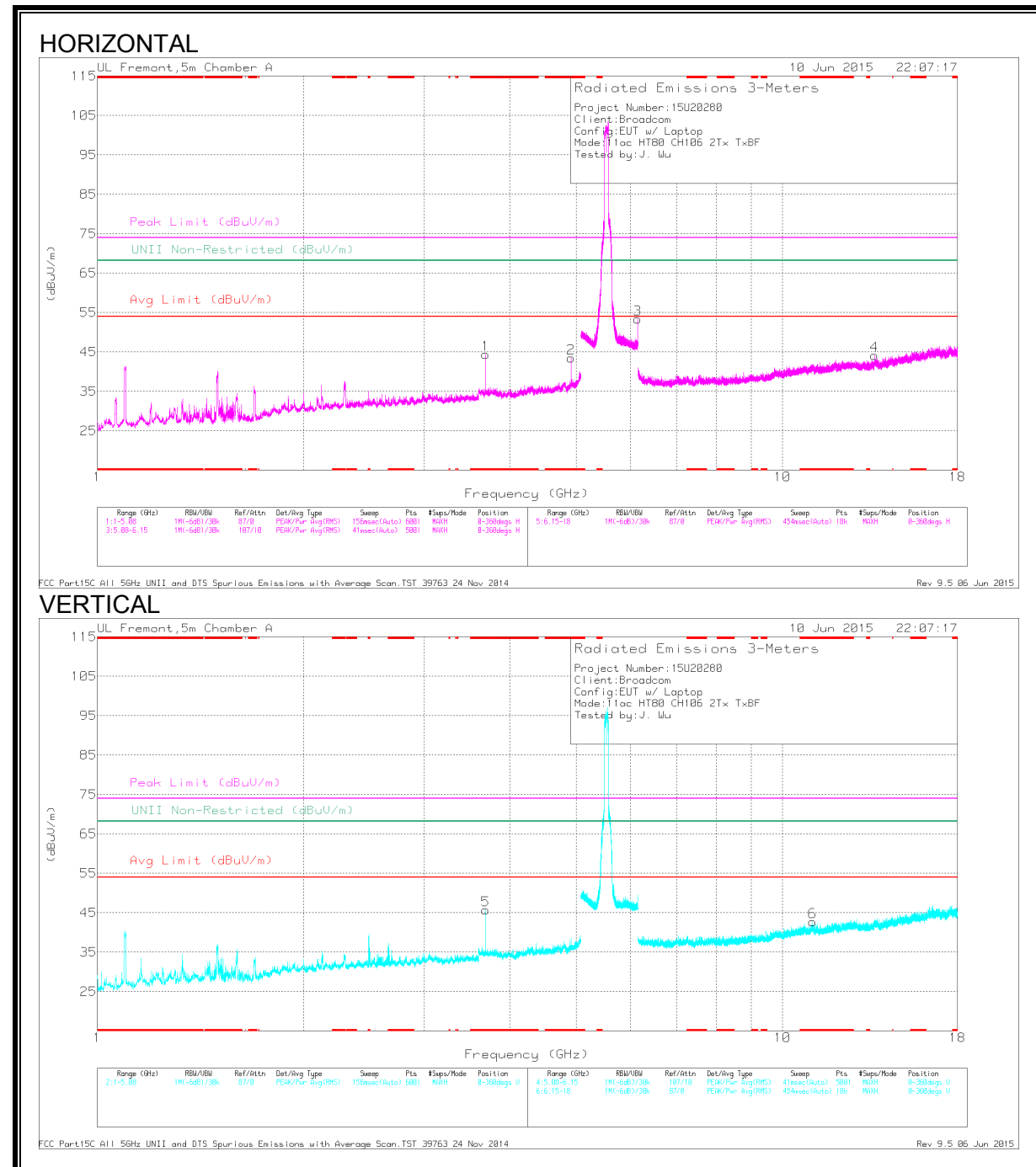
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading dB(uVolts)	Peak Limit (dBuV)	PK Margin (dB)	Avg Limit (dBuV)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	19.9	Pk	35	8.6	0	63.5	74	-10.5	-	-	276	183	H
3	5.725	9.21	RMS	35	8.6	.52	53.33	-	-	54	-.67	276	183	H
4	5.726	9.79	RMS	35	8.6	.52	53.91	-	-	54	-.09	276	183	H
2	5.729	23	Pk	35	8.6	0	66.6	74	-7.4	-	-	276	183	H

* - 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/ 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	* 3.687	48.62	PK3	33.2	-33	0	48.82	-	-	74	-25.18	-	-	330	202	H
	* 3.687	43.99	ADR	33.2	-33	.52	44.71	54	-9.29	-	-	-	-	330	202	H
2	* 4.916	46.03	PK3	33.9	-29.7	0	50.23	-	-	74	-23.77	-	-	206	192	H
	* 4.916	39.34	ADR	33.9	-29.7	.52	44.06	54	-9.94	-	-	-	-	206	192	H
5	* 3.687	50.51	PK3	33.2	-33	0	50.71	-	-	74	-23.29	-	-	347	271	V
	* 3.687	46.61	ADR	33.2	-33	.52	47.33	54	-6.67	-	-	-	-	347	271	V
6	* 11.056	35.47	PK3	37.9	-22.9	0	50.47	-	-	74	-23.53	-	-	139	202	V
	* 11.058	23.54	ADR	37.9	-22.9	.52	39.06	54	-14.94	-	-	-	-	139	202	V
3	6.145	43.14	PK3	35.4	-19.9	0	58.64	-	-	-	-	68.2	-9.56	243	181	H
4	13.612	34.94	PK3	38.9	-23.3	0	50.54	-	-	-	-	68.2	-17.66	139	202	H

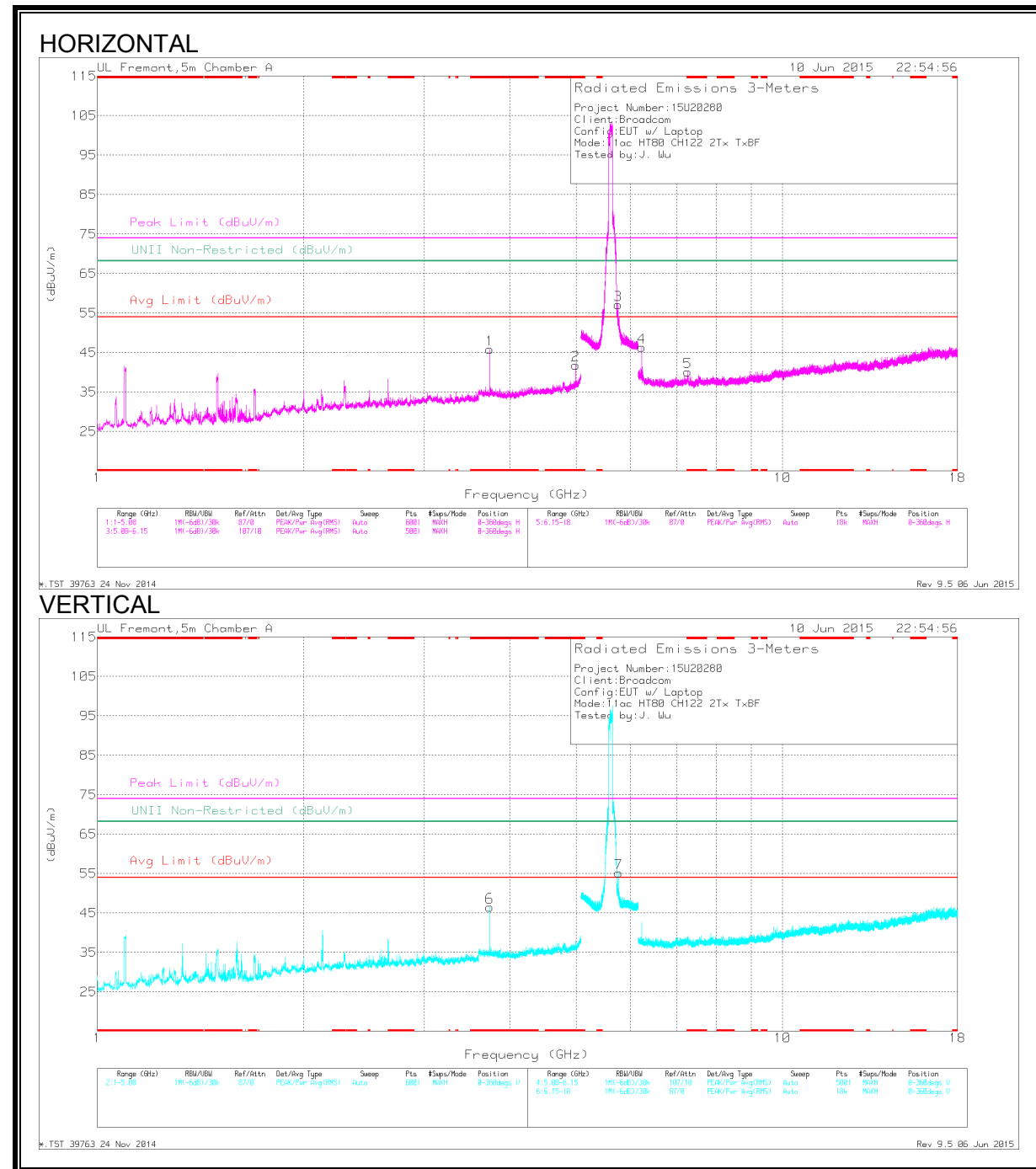
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

** - indicates frequency covered by BE tests

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS 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	* 3.74	48.18	PK3	33.3	-32.5	0	48.98	-	-	74	-25.02	-	-	331	199	H
	* 3.74	43.71	ADR	33.3	-32.5	.52	45.03	54	-8.97	-	-	-	-	331	199	H
2	* 4.987	45.03	PK3	34	-29.7	0	49.33	-	-	74	-24.67	-	-	201	195	H
	* 4.987	37.54	ADR	34	-29.7	.52	42.36	54	-11.64	-	-	-	-	201	195	H
6	* 3.74	50.09	PK3	33.3	-32.5	0	50.89	-	-	74	-23.11	-	-	32	267	V
	* 3.74	46.5	ADR	33.3	-32.5	.52	47.82	54	-6.18	-	-	-	-	32	267	V
5	* 7.272	38.42	PK3	35.5	-25.9	0	48.02	-	-	74	-25.98	-	-	84	202	H
	* 7.271	25.48	ADR	35.5	-25.8	.52	35.7	54	-18.3	-	-	-	-	84	202	H
3	5.754	51.55	PK3	34.8	-20.4	0	65.95	-	-	-	-	68.2	-2.25	15	241	H
	5.761	48.16	PK3	34.8	-20.4	0	62.56	-	-	-	-	68.2	-5.64	288	221	V
4	6.234	45.29	PK3	35.5	-28.3	0	52.49	-	-	-	-	68.2	-15.71	236	187	H

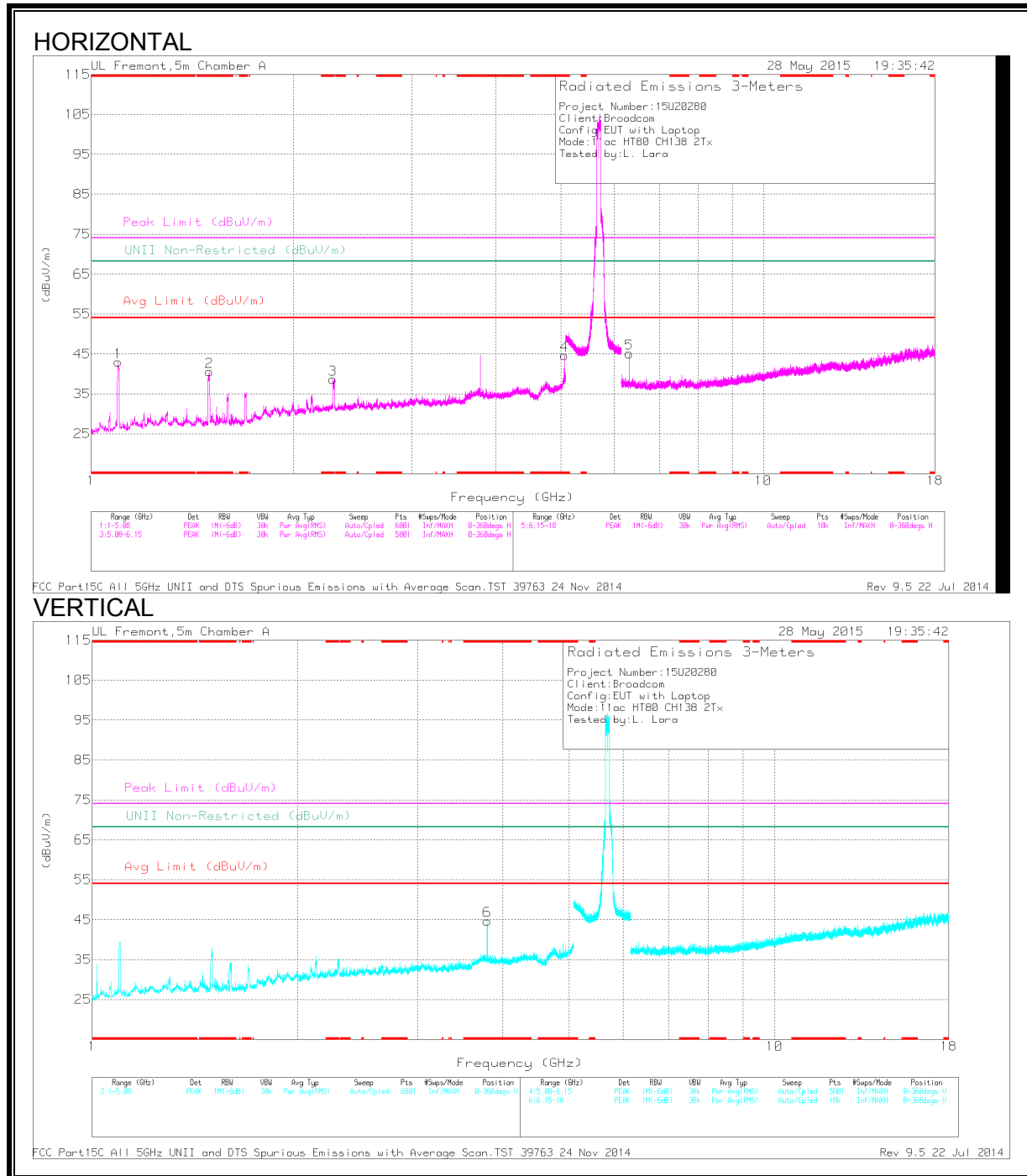
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.36. TX ABOVE 1 GHz 802.11ac VHT80 2TX 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	* 1.097	58.65	PK1	27.2	-35.7	0	50.15	-	-	74	-23.85	-	-	339	132	H
	* 1.097	50.74	AD1	27.2	-35.7	.19	42.43	54	-11.57	-	-	-	-	339	132	H
2	* 1.499	54.24	PK1	28.1	-35.1	0	47.24	-	-	74	-26.76	-	-	332	139	H
	* 1.497	42.78	AD1	28.1	-35.1	.19	35.97	54	-18.03	-	-	-	-	332	139	H
3	* 2.29	48.95	PK1	31.8	-34.4	0	46.35	-	-	74	-27.65	-	-	34	255	H
	* 2.294	36.45	AD1	31.8	-34.5	.19	33.94	54	-20.06	-	-	-	-	34	255	H
4	* 5.058	43.64	PK1	34	-28.1	0	49.54	-	-	74	-24.46	-	-	227	196	H
	* 5.058	36.65	AD1	34	-28.1	.19	42.74	54	-11.26	-	-	-	-	227	196	H
6	* 3.794	48.48	PK1	33.4	-32.2	0	49.68	-	-	74	-24.32	-	-	47	391	V
	* 3.794	45.07	AD1	33.4	-32.2	.19	46.46	54	-7.54	-	-	-	-	47	391	V
5	6.323	44.32	PK1	35.5	-28.5	0	51.32	-	-	-	-	68.2	-16.88	232	172	H

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

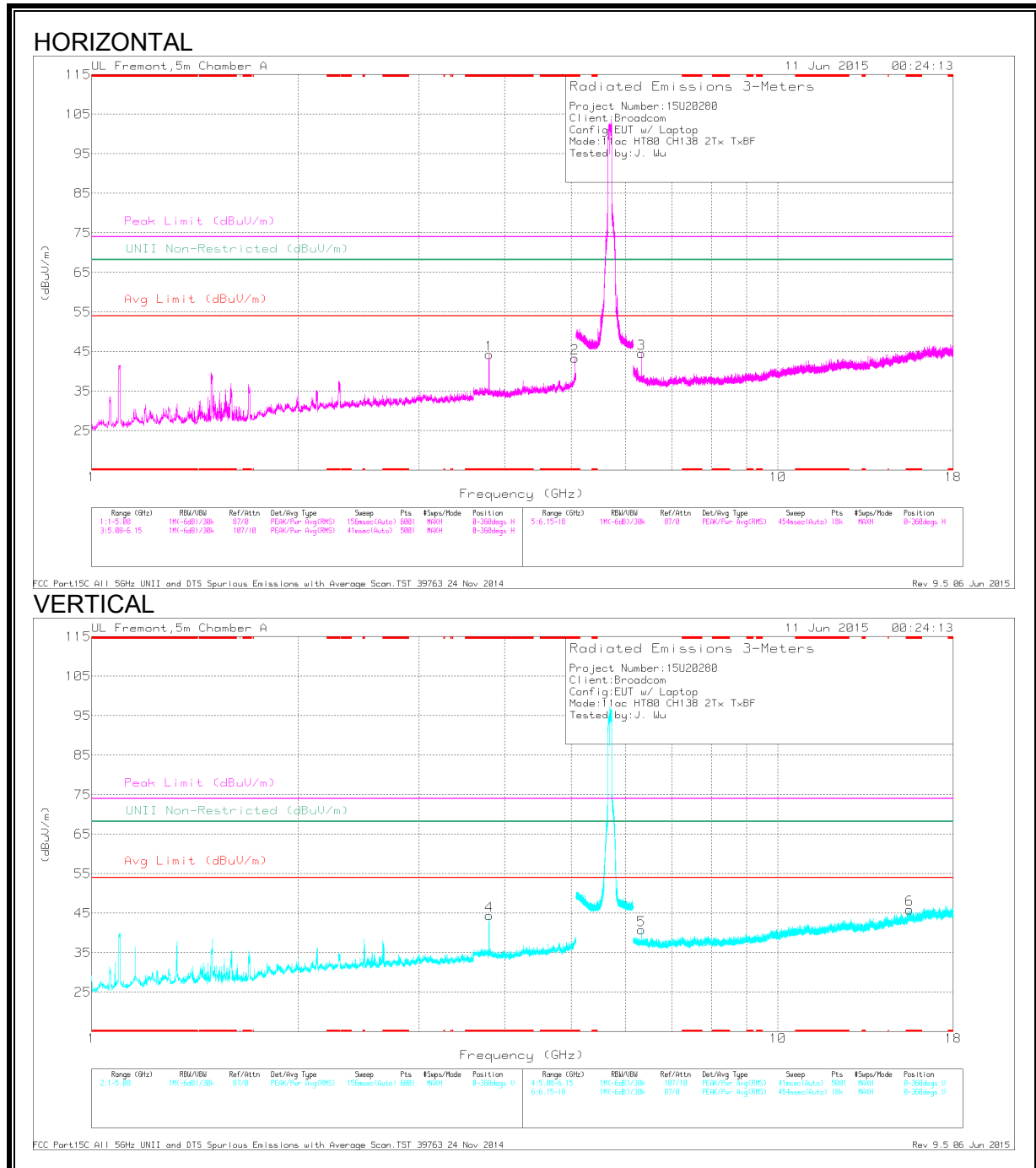
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.37. TX ABOVE 1 GHz 802.11ac VHT80 TxBF 2TX 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	* 3.794	48.76	PK3	33.4	-32.2	0	49.96	-	-	74	-24.04	-	-	13	303	H
	* 3.793	44.05	ADR	33.4	-32.2	.52	45.77	54	-8.23	-	-	-	-	13	303	H
2	* 5.058	44.46	PK3	34	-28.1	0	50.36	-	-	74	-23.64	-	-	210	201	H
	* 5.058	36.74	ADR	34	-28.1	.52	43.16	54	-10.84	-	-	-	-	210	201	H
4	* 3.793	47.73	PK3	33.4	-32.2	0	48.93	-	-	74	-25.07	-	-	45	342	V
	* 3.793	42.81	ADR	33.4	-32.2	.52	44.53	54	-9.47	-	-	-	-	45	342	V
6	* 15.554	34.51	PK3	40.3	-22.9	0	51.91	-	-	74	-22.09	-	-	248	100	V
	* 15.554	23.53	ADR	40.3	-22.9	.52	41.45	54	-12.55	-	-	-	-	248	100	V
3	6.322	41.33	PK3	35.5	-28.5	0	48.33	-	-	-	-	68.2	-19.87	208	274	V
5	6.323	44.05	PK3	35.5	-28.5	0	51.05	-	-	-	-	68.2	-17.15	239	181	H

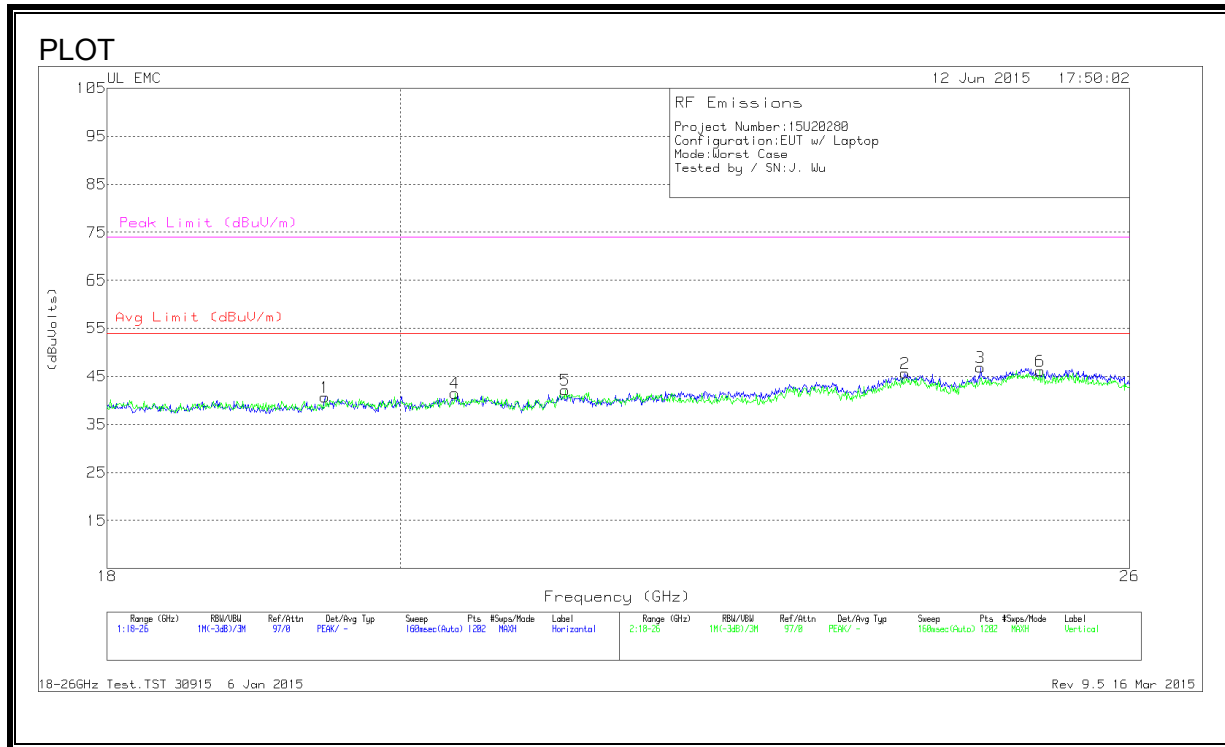
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.38. WORST-CASE ABOVE 18GHz

SPURIOUS EMISSIONS 18 – 26GHz

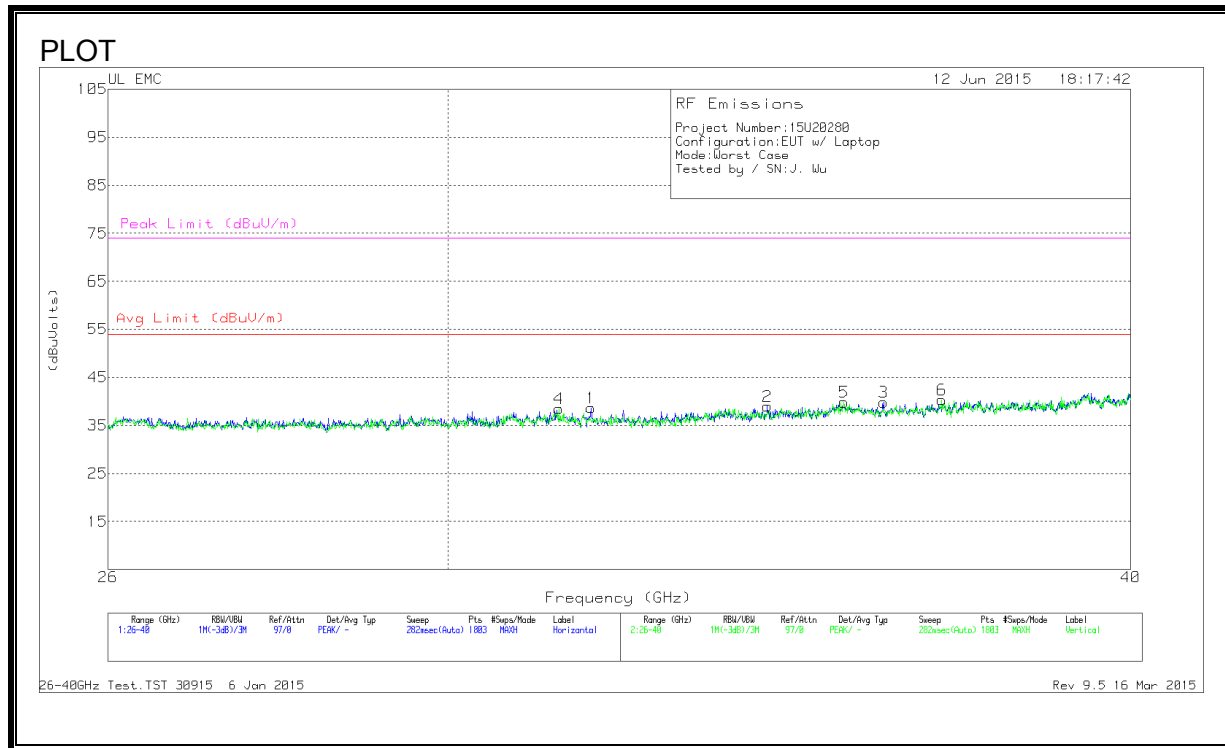


Trace Markers

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	19.465	41.77	Pk	32.5	-24.1	-9.5	40.67	54	-13.33	74	-33.33
2	23.982	44.57	Pk	33.3	-22.7	-9.5	45.67	54	-8.33	74	-28.33
3	24.641	45.13	Pk	33.9	-22.7	-9.5	46.83	54	-7.17	74	-27.17
4	20.398	42	Pk	32.6	-23.6	-9.5	41.5	54	-12.5	74	-32.5
5	21.224	42.37	Pk	33.1	-23.8	-9.5	42.17	54	-11.83	74	-31.83
6	25.174	44.87	Pk	33.7	-22.9	-9.5	46.17	54	-7.83	74	-27.83

PK - Peak detector

SPURIOUS EMISSIONS 26 – 40GHz



Trace Markers

Marker	Frequency (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	31.866	48.17	Pk	36.3	-36.3	-9.5	38.67	54	-15.33	74	-35.33
2	34.321	47.7	Pk	37.1	-36.3	-9.5	39	54	-15	74	-35
3	36.046	49.73	Pk	37.2	-37.6	-9.5	39.83	54	-14.17	74	-34.17
4	31.438	48.1	Pk	36.2	-36.3	-9.5	38.5	54	-15.5	74	-35.5
5	35.447	48.93	Pk	37.9	-37.5	-9.5	39.83	54	-14.17	74	-34.17
6	36.939	51.23	Pk	37.2	-38.6	-9.5	40.33	54	-13.67	74	-33.67

PK - Peak detector

9.39. WORST-CASE BELOW 1 GHz

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

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
5	* 241.2	54.31	PK	11.5	-29.7	36.11	46.02	-9.91	0-360	101	H
2	43.77	37.61	PK	11.5	-31.1	18.01	40	-21.99	0-360	101	V
1	70.035	37.92	PK	8.1	-30.8	15.22	40	-24.78	0-360	200	H
4	150.5725	45.39	PK	12.6	-30.2	27.79	43.52	-15.73	0-360	101	V
3	151.9325	50.03	PK	12.5	-30.2	32.33	43.52	-11.19	0-360	200	H
6	531.5	35.88	PK	17.9	-28.7	25.08	46.02	-20.94	0-360	101	V

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

PK - Peak detector

QP - Quasi-Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

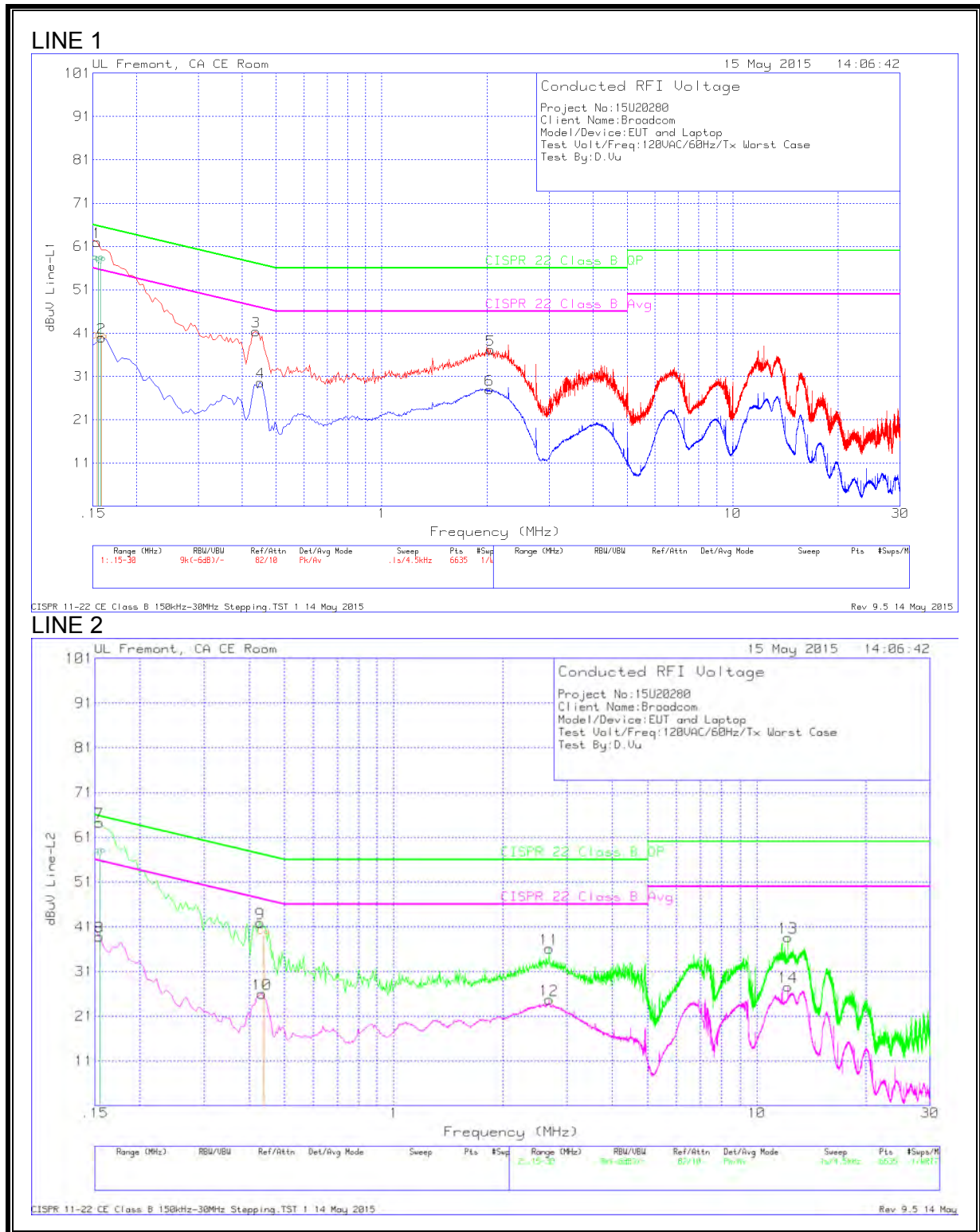
LIMITS

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



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	60.71	Pk	1.3	0	62.01	65.75	-3.74	-	-
2	.159	38.65	Av	1.3	0	39.95	-	-	55.52	-15.57
3	.438	39.98	Pk	.4	0	40.38	57.1	-16.72	47.1	-6.72
4	.4515	29.2	Av	.4	0	29.6	-	-	46.85	-17.25
5	2.04	36.82	Pk	.2	.1	37.12	56	-18.88	46	-8.88
6	2.0265	27.67	Av	.2	.1	27.97	-	-	46	-18.03

Range 1: Line-L1 .15 - 30MHz

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)
.15563	37.86	Ca	1.3	0	39.16	-	-	55.69	-16.53

Range 1: Line-L1 .15 - 30MHz

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)
.15563	56.1	Qp	1.3	0	57.4	65.69	-8.29	-	-

Pk - Peak detector

Av - Average detection

Ca - CISPR average detection

Qp - Quasi-Peak detector

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	62.84	Pk	1.4	0	64.24	65.75	-1.51	-	-
8	.1545	37.37	Av	1.4	0	38.77	-	-	55.75	-16.98
9	.429	40.43	Pk	.4	0	40.83	57.27	-16.44	47.27	-6.44
10	.4335	25.59	Av	.4	0	25.99	-	-	47.19	-21.2
11	2.679	35.75	Pk	.2	.1	36.05	56	-19.95	46	-9.95
12	2.679	24.37	Av	.2	.1	24.67	-	-	46	-21.33
13	12.183	38.2	Pk	.2	.2	38.6	60	-21.4	50	-11.4
14	12.1875	27.18	Av	.2	.2	27.58	-	-	50	-22.42

Range 2: Line-L2 .15 - 30MHz

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)
.15518	37.45	Ca	1.4	0	38.85	-	-	55.72	-16.87

Range 2: Line-L2 .15 - 30MHz

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)
.15518	55.68	Qp	1.4	0	57.08	65.72	-8.64	-	-

Pk - Peak detector
Av - Average detection
Ca - CISPR average detection
Qp - Quasi-Peak detector