

**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 1.167	45.75	Pk	27.8	-35.9	0	37.65	-	-	74	-36.35	-	-	0-360	100	H
3	* 4.8	37.83	Pk	34	-30	0	41.83	-	-	74	-32.17	-	-	0-360	100	V
6	* 7.44	32.11	Pk	35.5	-26.3	0	41.31	-	-	74	-32.69	-	-	0-360	100	H
4	1.846	41.6	Pk	30.4	-35.1	0	36.9	-	-	-	-	68.2	-31.3	0-360	200	V
1	5.499	43.37	Pk	34.4	-20.2	0	57.57	-	-	-	-	68.2	-10.63	0-360	100	H
2	5.661	42.9	Pk	34.6	-20.4	0	57.1	-	-	-	-	68.2	-11.1	0-360	100	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

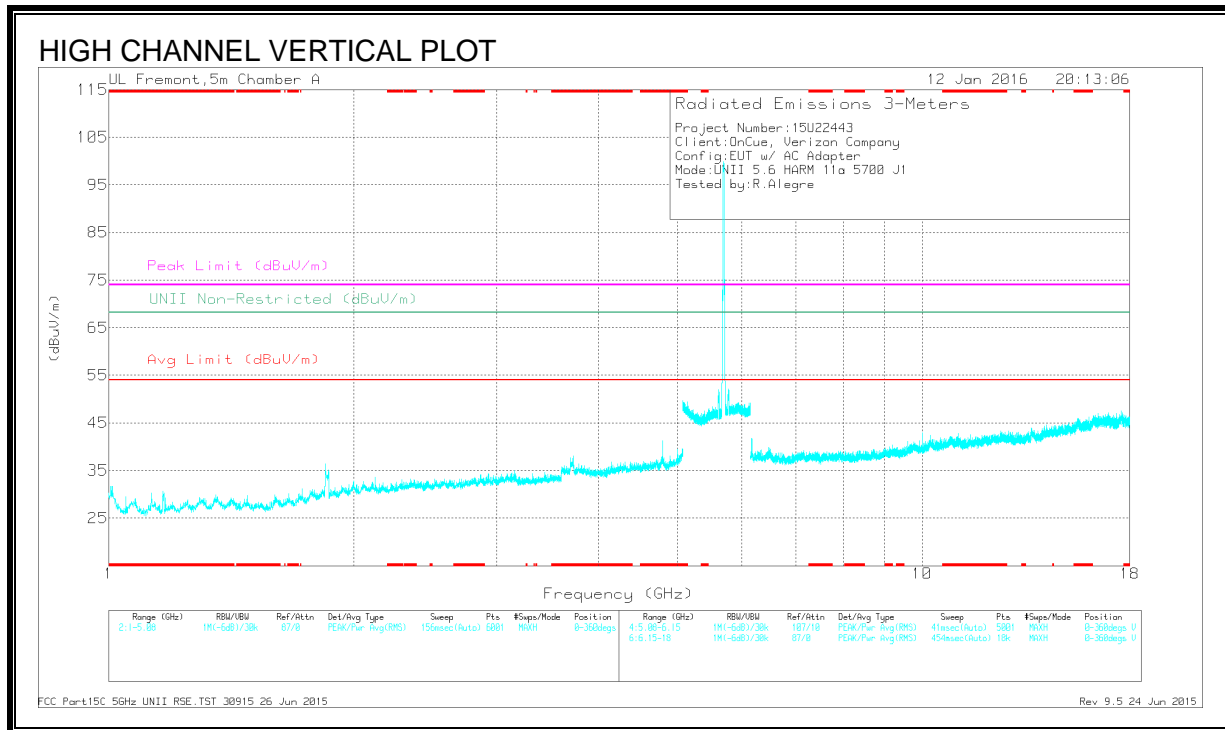
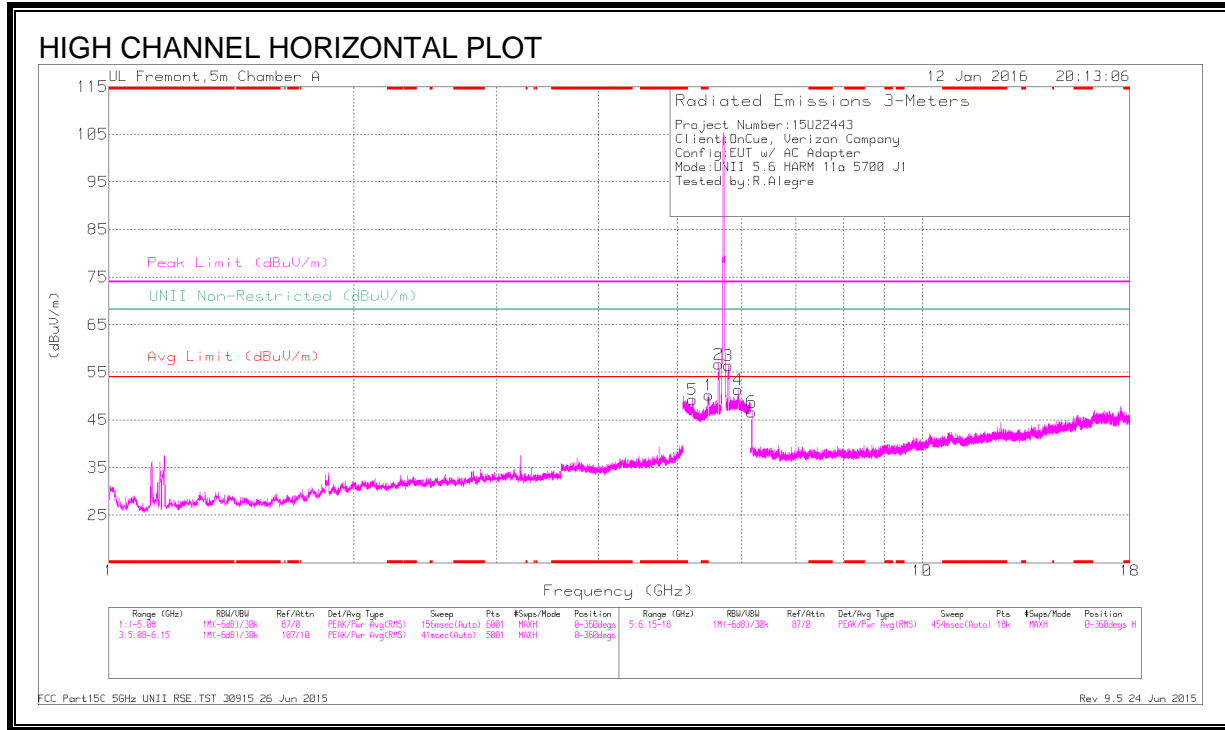
**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.168	56.38	PK-U	27.8	-36	0	48.18	-	-	74	-25.82	-	-	57	101	H
* 1.169	34.56	ADR	27.8	-36	0	26.36	54	-27.64	-	-	-	-	57	101	H
* 4.8	44.15	PK-U	34	-30	0	48.15	-	-	74	-25.85	-	-	125	104	V
* 4.8	33.74	ADR	34	-30	0	37.74	54	-16.26	-	-	-	-	125	104	V
* 7.44	38.8	PK-U	35.5	-26.3	0	48	-	-	74	-26	-	-	358	116	H
* 7.44	30.46	ADR	35.5	-26.3	0	39.66	54	-14.34	-	-	-	-	358	116	H
1.846	53.45	PK-U	30.4	-35.1	0	48.75	-	-	-	-	68.2	-19.45	18	399	V
5.501	42.41	PK-U	34.4	-20.2	0	56.61	-	-	-	-	68.2	-11.59	34	218	H
5.664	51.96	PK-U	34.6	-20.4	0	66.16	-	-	-	-	68.2	-2.04	59	125	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	5.224	35.05	Pk	34.4	-20.2	0	49.25	-	-	-	-	68.2	-18.95	0-360	201	H
1	5.467	36	Pk	34.5	-20.3	0	50.2	-	-	-	-	68.2	-18	0-360	100	H
2	5.622	42.62	Pk	34.5	-20.4	0	56.72	-	-	-	-	68.2	-11.48	0-360	100	H
3	5.779	41.32	Pk	34.9	-19.8	0	56.42	-	-	-	-	68.2	-11.78	0-360	100	H
4	5.937	35.58	Pk	35.3	-19.5	0	51.38	-	-	-	-	68.2	-16.82	0-360	100	H
6	6.175	39.16	Pk	35.4	-27.9	0	46.66	-	-	-	-	68.2	-21.54	0-360	100	H

Pk - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5.225	42.61	PK-U	34.4	-20.2	0	56.81	-	-	-	-	68.2	-11.39	84	118	H
5.466	44.25	PK-U	34.5	-20.3	0	58.45	-	-	-	-	68.2	-9.75	65	105	H
*5.616	50.92	PK-U	34.5	-20.5	0	64.92	-	-	-	-	68.2	-3.28	65	101	H
**5.778	50.27	PK-U	34.9	-19.8	0	65.37	-	-	-	-	68.2	-2.83	65	103	H
5.938	43.36	PK-U	35.3	-19.5	0	59.16	-	-	-	-	68.2	-9.04	300	116	H
6.175	45.74	PK-U	35.4	-27.9	0	53.24	-	-	-	-	68.2	-14.96	330	109	H

\* - indicates frequency inside Authorized Band

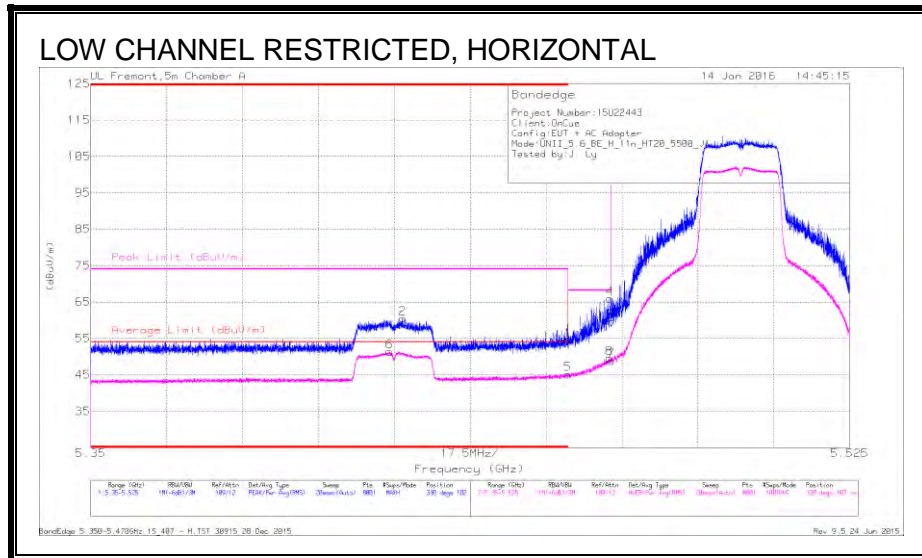
\*\* - indicates frequency covered by Band edge

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## 10.15. TX ABOVE 1 GHz 802.11n HT20 CDD 1TX MODE IN THE 5.6 GHz BAND

### RESTRICTED BANDEDGE (LOW CHANNEL)



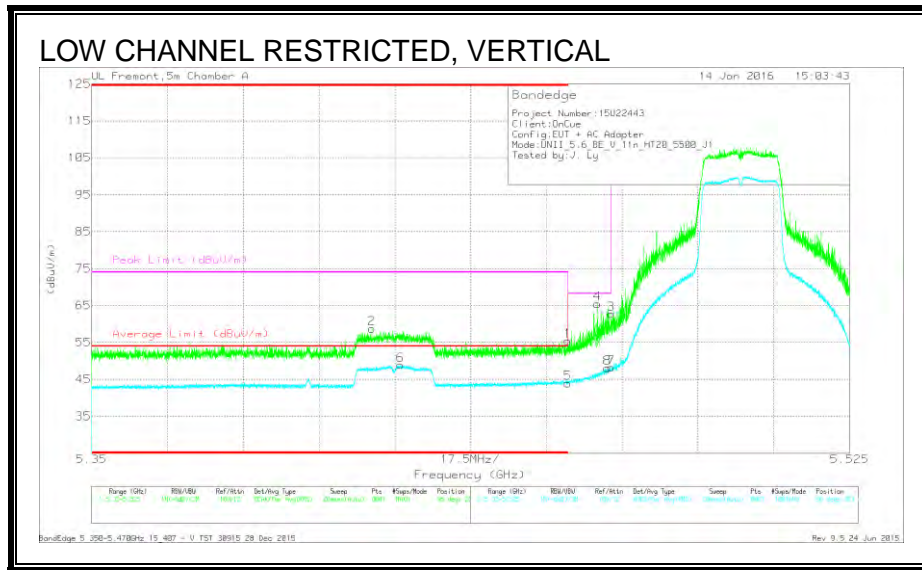
### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fit r/Pad (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	* 5.419	37.15	RMS	34.6	-20.4	0	51.35	54	-2.65	-	-	330	102	H
2	* 5.422	46.26	Pk	34.6	-20.4	0	60.46	-	-	74	-13.54	330	102	H
1	* 5.46	40.38	Pk	34.5	-20.4	0	54.48	-	-	74	-19.52	330	102	H
5	* 5.46	31.04	RMS	34.5	-20.4	0	45.14	54	-8.86	-	-	330	102	H
3	5.47	45.3	Pk	34.5	-20.2	0	59.6	-	-	68.2	-8.6	330	102	H
4	5.47	51.59	Pk	34.5	-20.2	0	65.89	-	-	68.2	-2.31	330	102	H
7	5.47	34.45	RMS	34.5	-20.2	0	48.75	54	-5.25	-	-	330	102	H
8	5.47	35.22	RMS	34.5	-20.2	0	49.52	54	-4.48	-	-	330	102	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection



Trace Markers

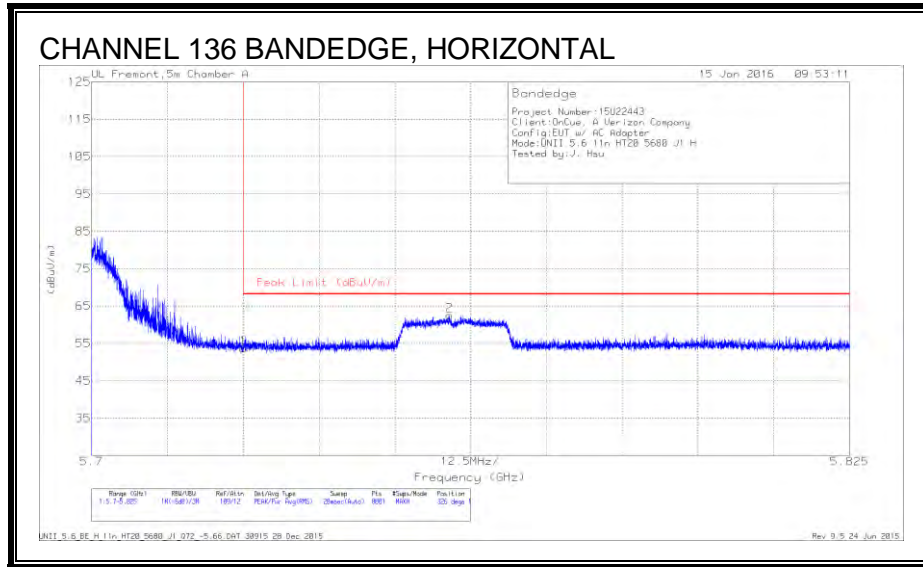
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.415	44.46	Pk	34.6	-20.3	0	58.76	-	-	74	-15.24	96	283	V
6	* 5.421	34.7	RMS	34.6	-20.4	0	48.9	54	-5.1	-	-	96	283	V
1	* 5.46	41.34	Pk	34.5	-20.4	0	55.44	-	-	74	-18.56	96	283	V
5	* 5.46	29.87	RMS	34.5	-20.4	0	43.97	54	-10.03	-	-	96	283	V
4	5.467	51.27	Pk	34.5	-20.3	0	65.47	-	-	68.2	-2.73	96	283	V
8	5.469	33.81	RMS	34.5	-20.2	0	48.11	54	-5.89	-	-	96	283	V
3	5.47	48.45	Pk	34.5	-20.2	0	62.75	-	-	68.2	-5.45	96	283	V
7	5.47	33.87	RMS	34.5	-20.2	0	48.17	54	-5.83	-	-	96	283	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection

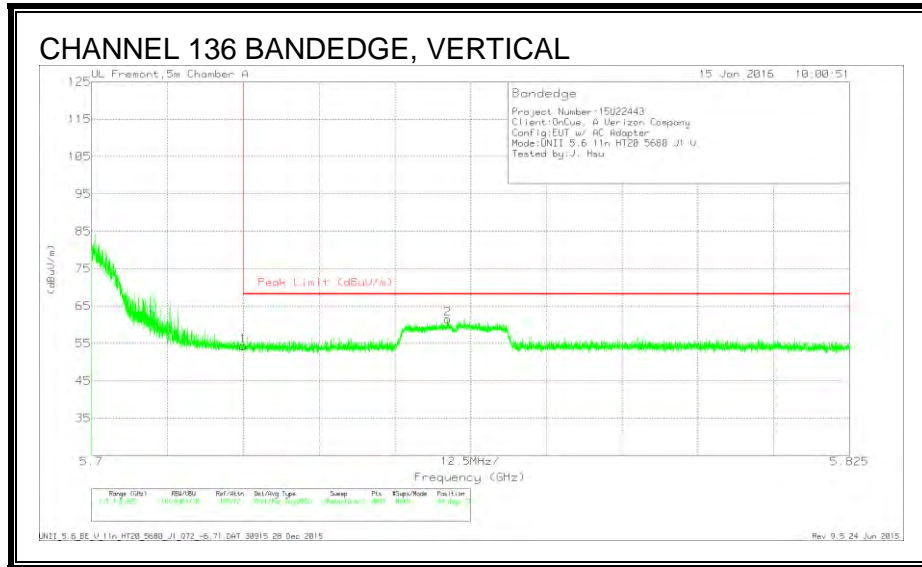
**AUTHORIZED BANDEGE (CHANNEL 136)**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT136 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.1	Pk	34.7	-20.1	53.7	68.2	-14.5	326	112	H
2	5.759	47.64	Pk	34.8	-19.9	62.54	68.2	-5.66	326	112	H

Pk - Peak detector

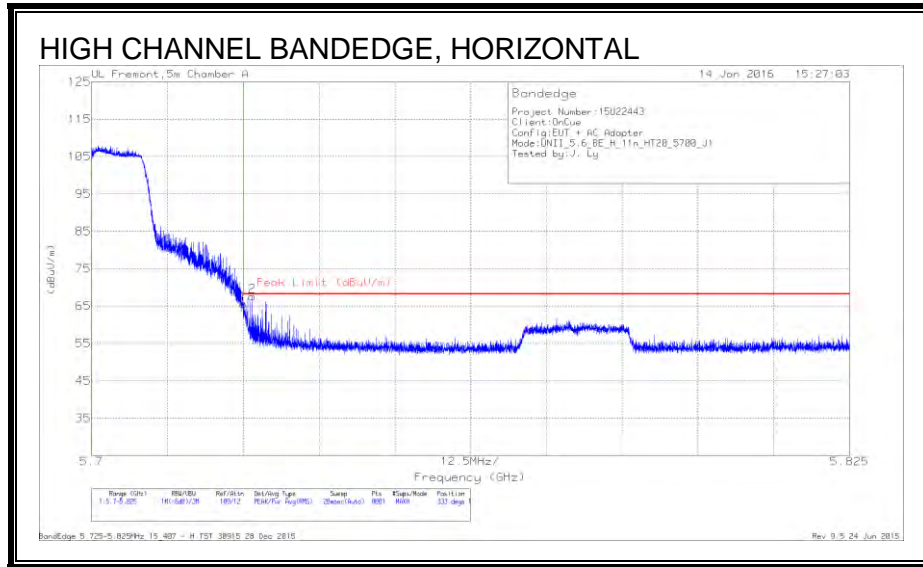


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.72	Pk	34.7	-20.1	54.32	68.2	-13.88	94	319	V
2	5.759	46.59	Pk	34.8	-19.9	61.49	68.2	-6.71	94	319	V

Pk - Peak detector

**AUTHORIZED BANDEGE (HIGH CHANNEL)**

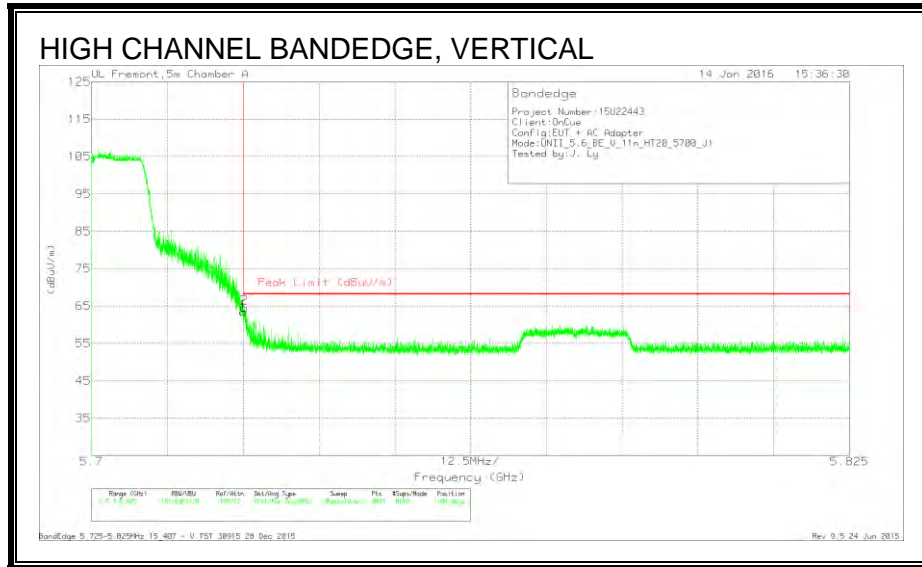


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	50.99	Pk	34.7	-20.1	0	65.59	68.2	-2.61	333	107	H
2	5.727	53.01	Pk	34.7	-20.1	0	67.61	68.2	-.59	333	107	H

Pk - Peak detector



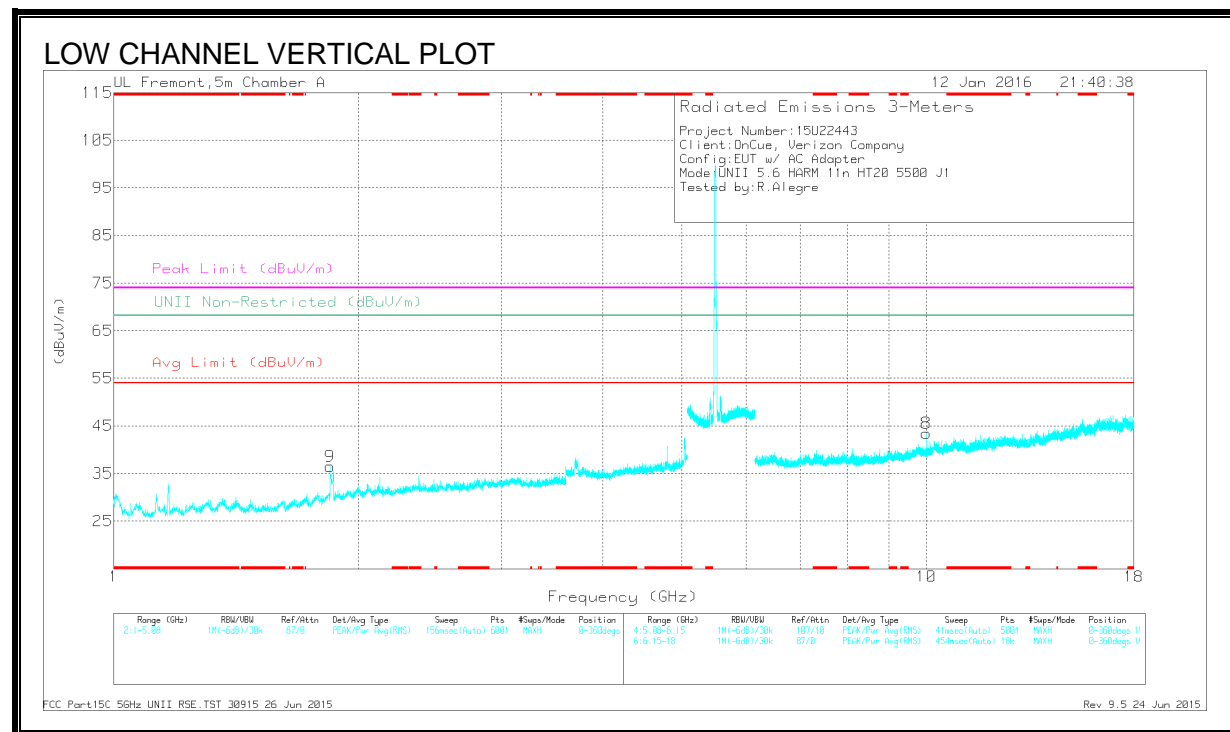
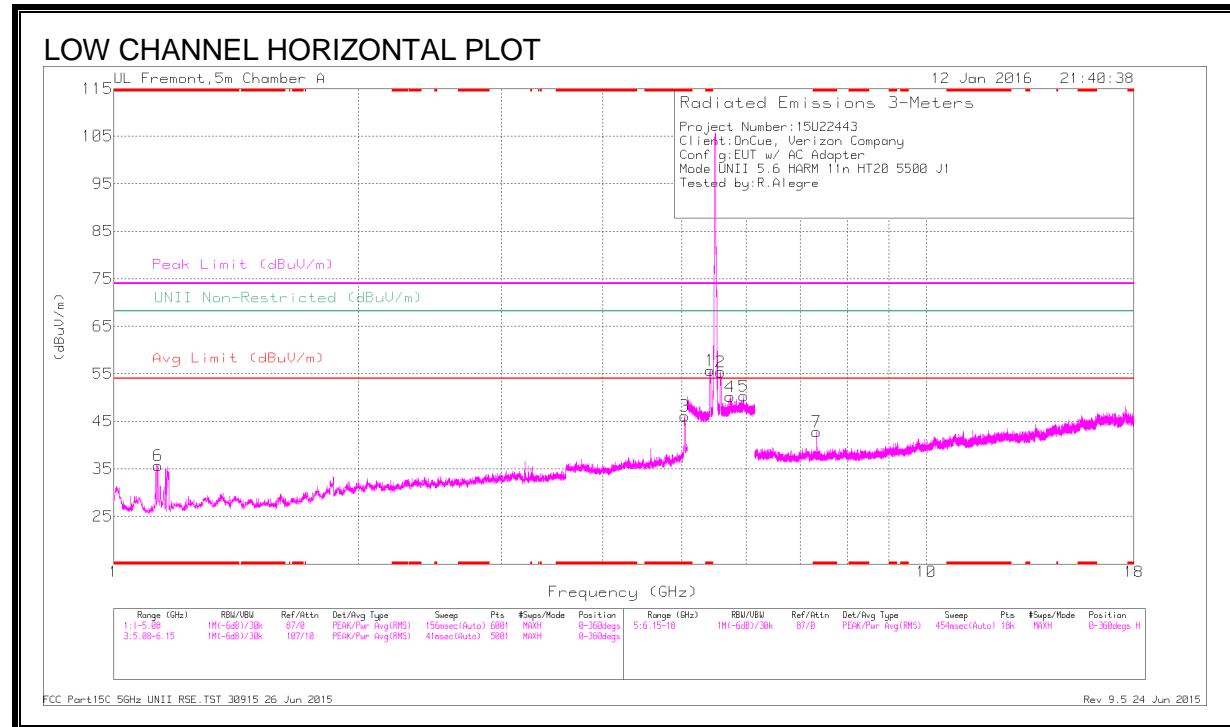


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	48.87	Pk	34.7	-20.1	0	63.47	68.2	-4.73	100	286	V
2	5.725	49.97	Pk	34.7	-20.1	0	64.57	68.2	-3.63	100	286	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 5.043	40.13	Pk	34	-28	0	46.13	-	-	74	-27.87	-	-	0-360	101	H
6	* 1.134	43.8	Pk	27.5	-35.6	0	35.7	-	-	74	-38.3	-	-	0-360	201	H
1	* 5.423	41.43	Pk	34.6	-20.3	0	55.73	-	-	74	-18.27	-	-	0-360	100	H
7	* 7.333	33.22	Pk	35.5	-25.9	0	42.82	-	-	74	-31.18	-	-	0-360	100	H
9	1.847	41.18	Pk	30.4	-35.1	0	36.48	-	-	-	-	68.2	-31.72	0-360	200	V
2	5.583	41.19	Pk	34.5	-20.3	0	55.39	-	-	-	-	68.2	-12.81	0-360	100	H
4	5.735	35.38	Pk	34.8	-20	0	50.18	-	-	-	-	68.2	-18.02	0-360	100	H
5	5.958	34.5	Pk	35.3	-19.5	0	50.3	-	-	-	-	68.2	-17.9	0-360	100	H
8	10	30.17	Pk	37	-23.7	0	43.47	-	-	-	-	68.2	-24.73	0-360	200	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

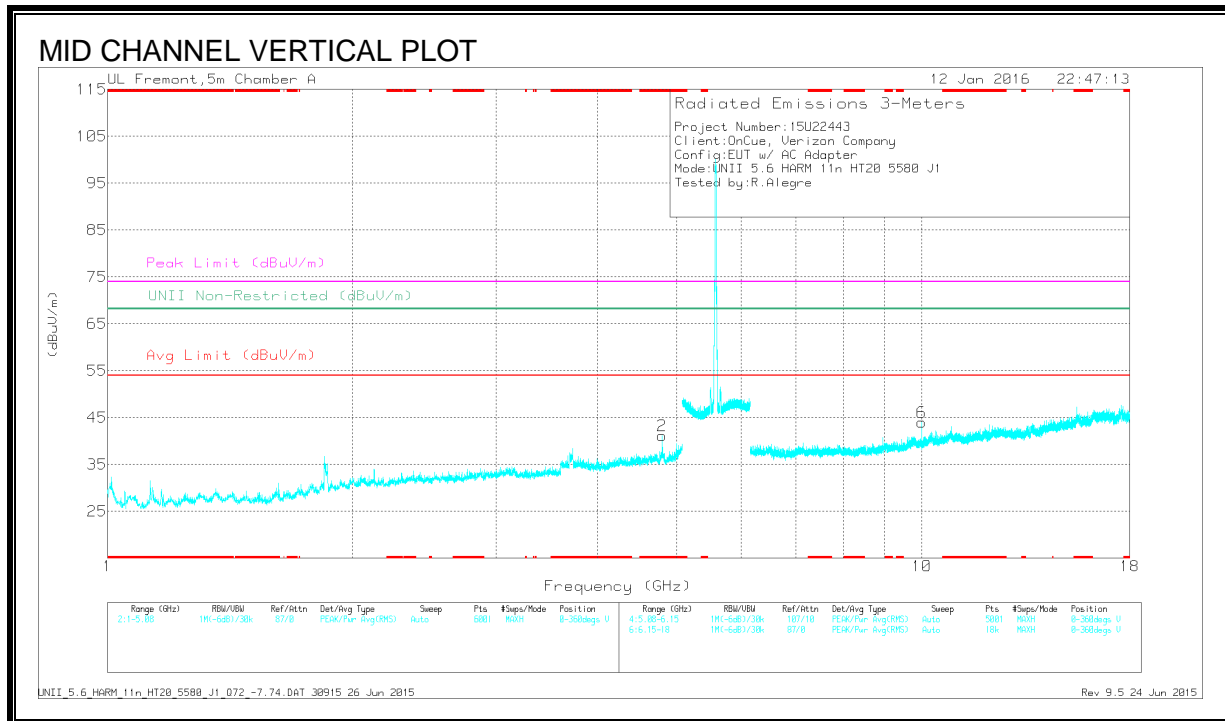
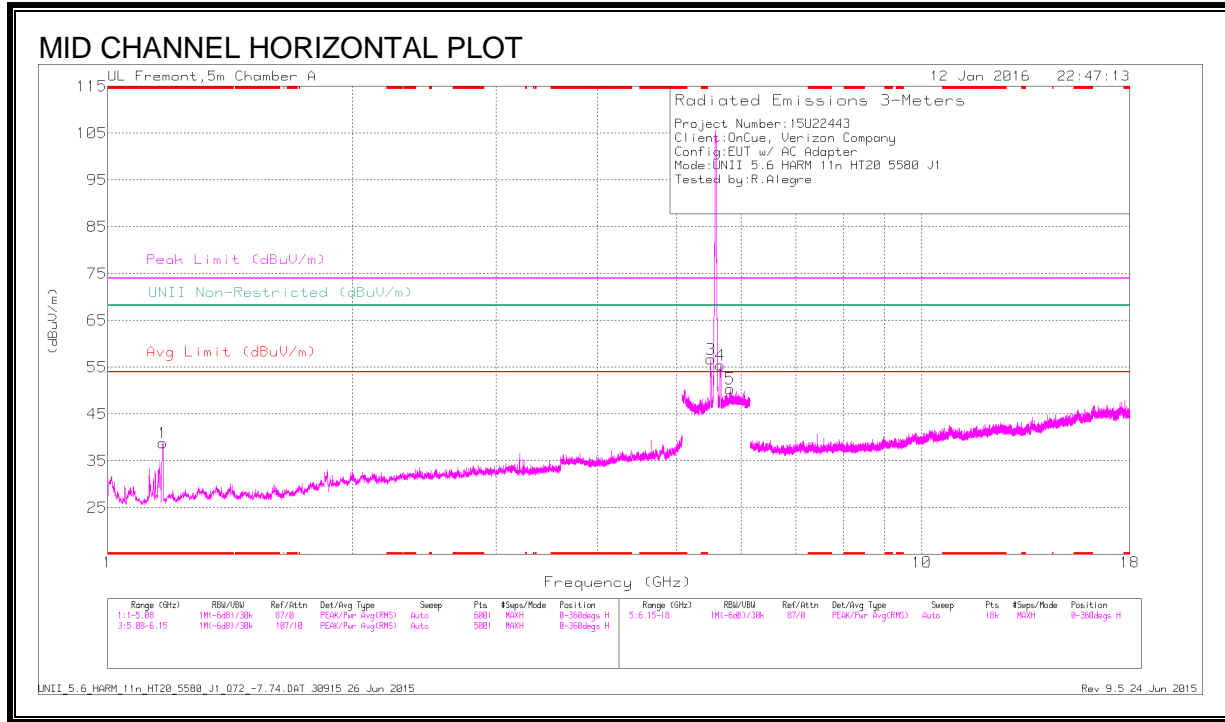
**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 5.043	47.06	PK-U	34	-28	0	53.06	-	-	74	-20.94	-	-	31	293	H
* 5.042	36.07	ADR	34	-28	0	42.07	54	-11.93	-	-	-	-	31	293	H
* 1.132	55.89	PK-U	27.5	-35.6	0	47.79	-	-	74	-26.21	-	-	44	115	H
* 1.134	34.05	ADR	27.5	-35.6	0	25.95	54	-28.05	-	-	-	-	44	115	H
** 5.422	45.29	PK-U	34.6	-20.4	0	59.49	-	-	74	-14.51	-	-	19	328	H
** 5.422	34.41	ADR	34.6	-20.4	0	48.61	54	-5.39	-	-	-	-	19	328	H
* 7.333	39.63	PK-U	35.5	-25.9	0	49.23	-	-	74	-24.77	-	-	315	109	H
* 7.333	32.22	ADR	35.5	-25.9	0	41.82	54	-12.18	-	-	-	-	315	109	H
1.846	53.24	PK-U	30.4	-35.1	0	48.54	-	-	-	-	68.2	-19.66	19	341	V
***5.581	45.42	PK-U	34.5	-20.3	0	59.62	-	-	-	-	68.2	-8.58	24	312	H
5.734	44.53	PK-U	34.8	-20	0	59.33	-	-	-	-	68.2	-8.87	59	120	H
5.958	43.21	PK-U	35.3	-19.5	0	59.01	-	-	-	-	68.2	-9.19	295	149	H
10	37.05	PK-U	37	-23.7	0	50.35	-	-	-	-	68.2	-17.85	54	248	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

\*\* - indicates frequency covered by Band edge

\*\*\* - indicates frequency inside Authorized Band



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.17	47.03	Pk	27.8	-36	0	38.83	-	-	74	-35.17	-	-	0-360	100	H
2	* 4.8	37.16	Pk	34	-30	0	41.16	-	-	74	-32.84	-	-	0-360	100	V
3	5.501	42.49	Pk	34.4	-20.2	0	56.69	-	-	-	-	68.2	-11.51	0-360	100	H
4	5.661	41.28	Pk	34.6	-20.4	0	55.48	-	-	-	-	68.2	-12.72	0-360	100	H
5	5.816	35.14	Pk	35	-19.7	0	50.44	-	-	-	-	68.2	-17.76	0-360	100	H
6	10	30.71	Pk	37	-23.7	0	44.01	-	-	-	-	68.2	-24.19	0-360	200	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

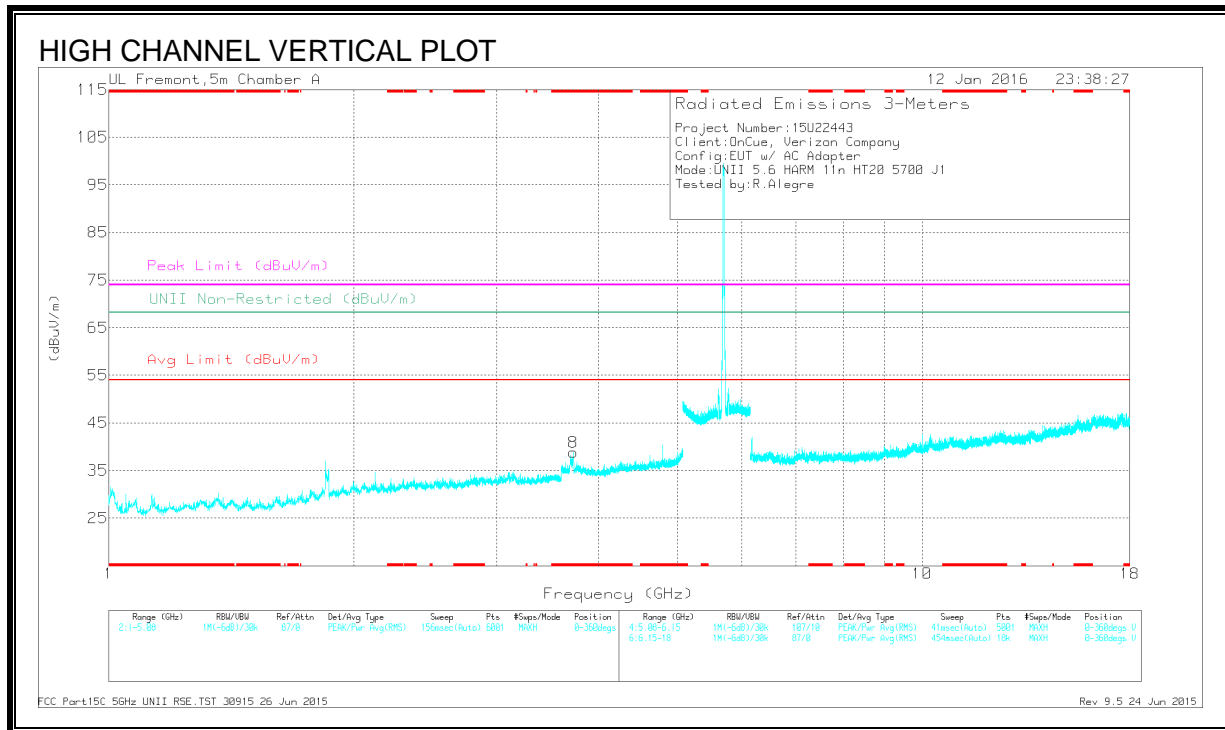
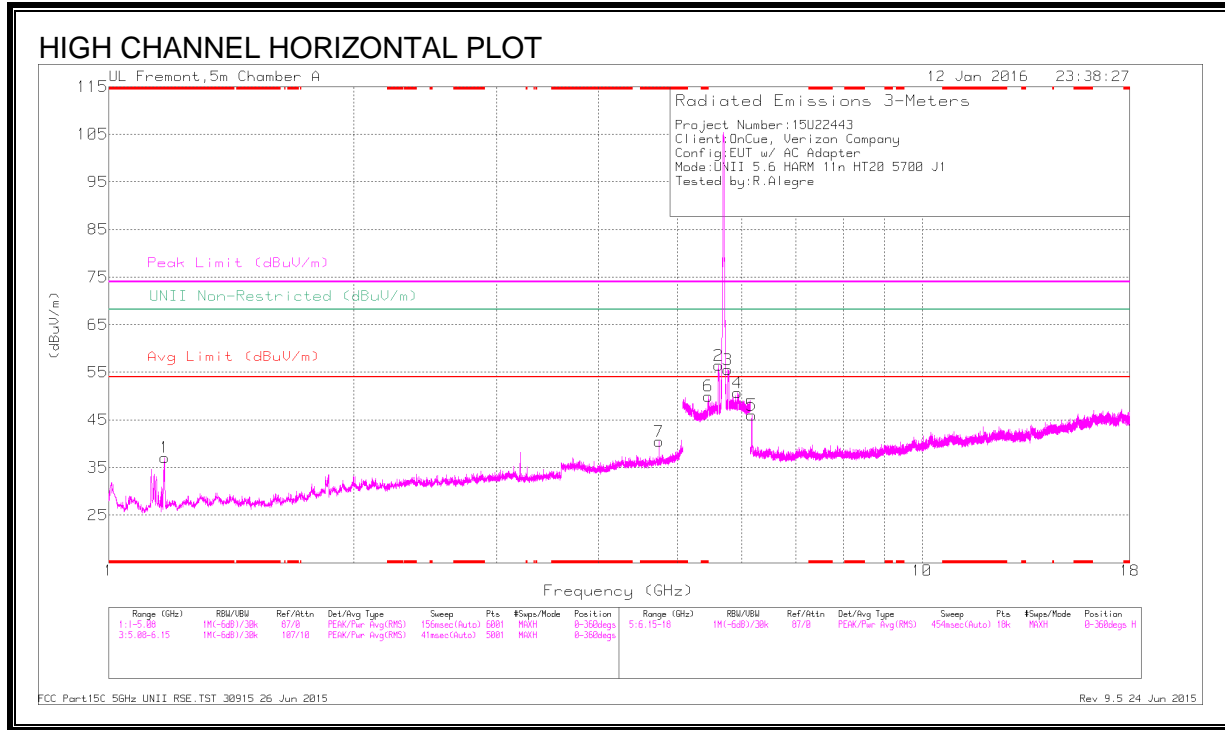
**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.169	56.86	PK-U	27.8	-36	0	48.66	-	-	74	-25.34	-	-	47	183	H
* 1.171	34.44	ADR	27.8	-36	0	26.24	54	-27.76	-	-	-	-	47	183	H
* 4.8	44.07	PK-U	34	-30	0	48.07	-	-	74	-25.93	-	-	297	115	V
* 4.8	34.39	ADR	34	-30	0	38.39	54	-15.61	-	-	-	-	297	115	V
5.502	45.4	PK-U	34.4	-20.2	0	59.6	-	-	-	-	68.2	-8.6	299	131	H
5.658	50.47	PK-U	34.6	-20.4	0	64.67	-	-	-	-	68.2	-3.53	66	130	H
5.816	43.41	PK-U	35	-19.7	0	58.71	-	-	-	-	68.2	-9.49	319	106	H
10	37.1	PK-U	37	-23.7	0	50.4	-	-	-	-	68.2	-17.8	54	267	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.171	45.3	Pk	27.8	-36	0	37.1	-	-	74	-36.9	-	-	0-360	100	H
7	* 4.75	36.78	Pk	34.1	-30.4	0	40.48	-	-	74	-33.52	-	-	0-360	100	H
8	* 3.727	37.8	Pk	33.3	-32.3	0	38.8	-	-	74	-35.2	-	-	0-360	200	V
6	5.462	35.91	Pk	34.5	-20.4	0	50.01	-	-	-	-	68.2	-18.19	0-360	100	H
2	5.622	42.34	Pk	34.5	-20.4	0	56.44	-	-	-	-	68.2	-11.76	0-360	100	H
3	5.772	40.45	Pk	34.9	-19.8	0	55.55	-	-	-	-	68.2	-12.65	0-360	100	H
4	5.933	35.09	Pk	35.2	-19.6	0	50.69	-	-	-	-	68.2	-17.51	0-360	100	H
5	6.175	38.52	Pk	35.4	-27.9	0	46.02	-	-	-	-	68.2	-22.18	0-360	100	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.171	55.25	PK-U	27.8	-36	0	47.05	-	-	74	-26.95	-	-	335	279	H
* 1.172	33.46	ADR	27.8	-36	0	25.26	54	-28.74	-	-	-	-	335	279	H
* 4.75	43.51	PK-U	34.1	-30.4	0	47.21	-	-	74	-26.79	-	-	297	102	H
* 4.75	35.19	ADR	34.1	-30.4	0	38.89	54	-15.11	-	-	-	-	297	102	H
* 3.726	46.09	PK-U	33.3	-32.3	0	47.09	-	-	74	-26.91	-	-	309	340	V
* 3.725	32.74	ADR	33.3	-32.3	0	33.74	54	-20.26	-	-	-	-	309	340	V
5.462	45.25	PK-U	34.5	-20.4	0	59.35	-	-	-	-	68.2	-8.85	64	144	H
**5.621	45.53	PK-U	34.5	-20.4	0	59.63	-	-	-	-	68.2	-8.57	294	181	H
***5.774	45.09	PK-U	34.9	-19.7	0	60.29	-	-	-	-	68.2	-7.91	266	204	H
5.935	42.61	PK-U	35.3	-19.6	0	58.31	-	-	-	-	68.2	-9.89	54	142	H
6.175	46.33	PK-U	35.4	-27.9	0	53.83	-	-	-	-	68.2	-14.37	322	107	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

\*\* - indicates frequency inside Authorized Band

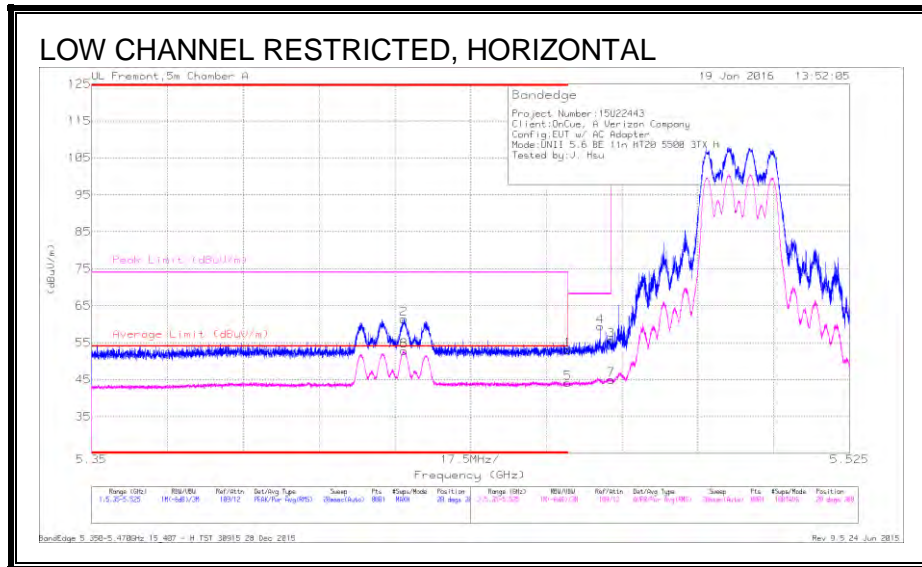
\*\*\* - indicates frequency covered by Band edge

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## 10.16. TX ABOVE 1 GHz 802.11n HT20 CDD 3TX MODE IN THE 5.6 GHz BAND

### RESTRICTED BANDEDGE (LOW CHANNEL)



### Trace Markers

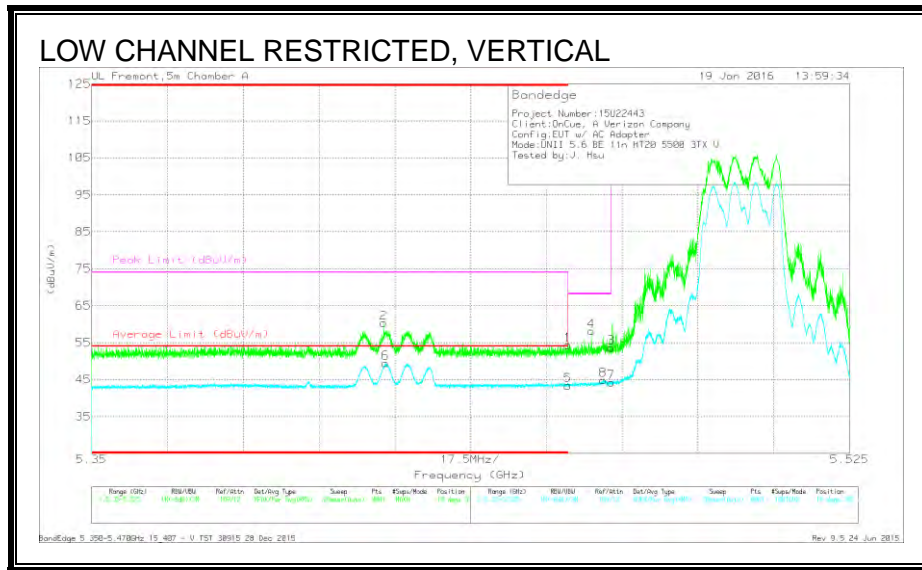
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.422	47.2	Pk	34.6	-20.4	0	61.4	-	-	74	-12.6	20	388	H
6	* 5.422	38.62	RMS	34.6	-20.4	0	52.82	54	-1.18	-	-	20	388	H
8	* 5.422	38.62	RMS	34.6	-20.4	0	52.82	54	-1.18	-	-	20	388	H
1	* 5.46	38.96	Pk	34.5	-20.4	0	53.06	-	-	74	-20.94	20	388	H
5	* 5.46	29.97	RMS	34.5	-20.4	0	44.07	54	-9.93	-	-	20	388	H
4	5.467	45.05	Pk	34.5	-20.2	0	59.35	-	-	68.2	-8.85	20	388	H
3	5.47	41.39	Pk	34.5	-20.2	0	55.69	-	-	68.2	-12.51	20	388	H
7	5.47	30.68	RMS	34.5	-20.2	0	44.98	-	-	-	-	20	388	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection





Trace Markers

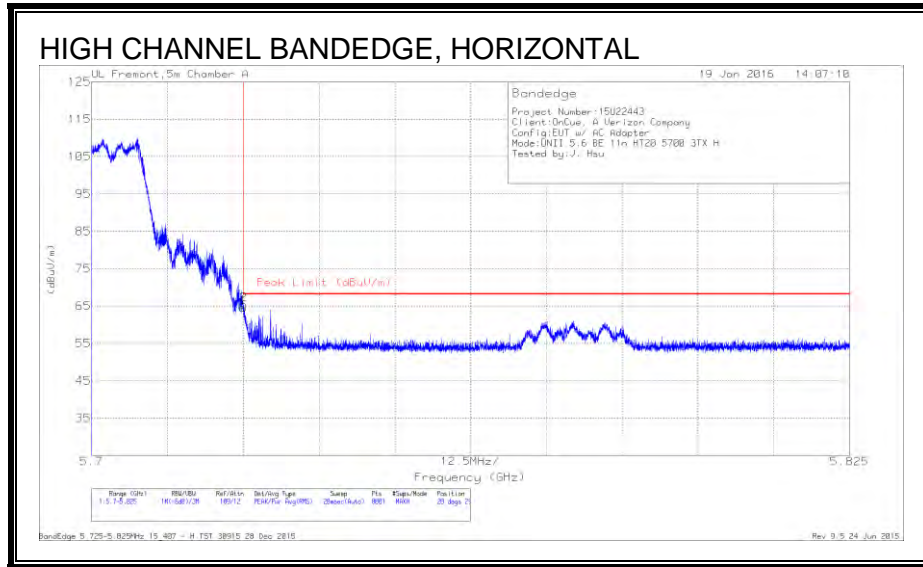
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.417	46.14	Pk	34.6	-20.4	0	60.34	-	-	74	-13.66	18	395	V
6	* 5.418	35.3	RMS	34.6	-20.4	0	49.5	54	-4.5	-	-	18	395	V
1	* 5.46	40.3	Pk	34.5	-20.4	0	54.4	-	-	74	-19.6	18	395	V
5	* 5.46	29.33	RMS	34.5	-20.4	0	43.43	54	-10.57	-	-	18	395	V
4	5.465	43.92	Pk	34.5	-20.3	0	58.12	-	-	68.2	-10.08	18	395	V
8	5.468	30.58	RMS	34.5	-20.2	0	44.88	-	-	-	-	18	395	V
3	5.47	39.36	Pk	34.5	-20.2	0	53.66	-	-	68.2	-14.54	18	395	V
7	5.47	29.96	RMS	34.5	-20.2	0	44.26	-	-	-	-	18	395	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection

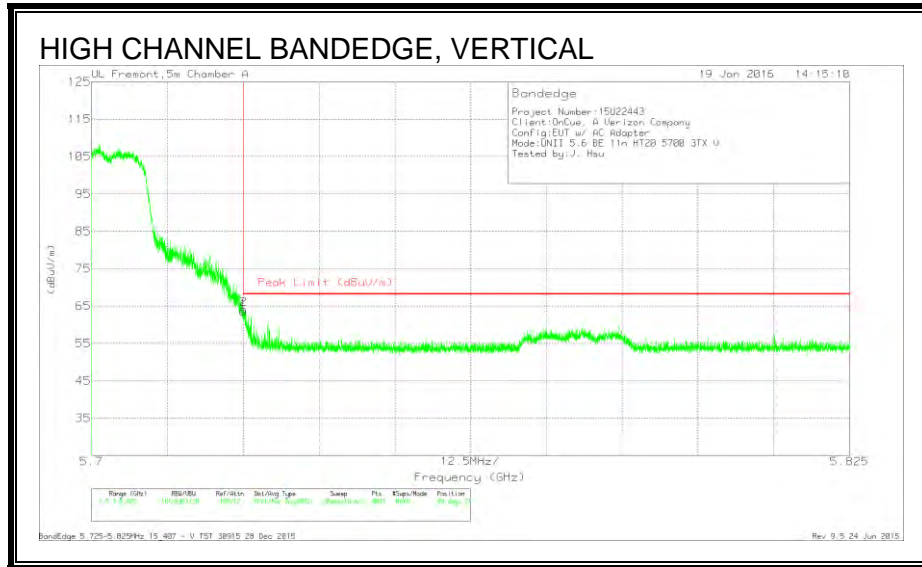
**AUTHORIZED BANDEGE (HIGH CHANNEL)**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	49.97	Pk	34.7	-20.1	64.57	68.2	-3.63	20	299	H
2	5.725	50.78	Pk	34.7	-20.1	65.38	68.2	-2.82	20	299	H

Pk - Peak detector

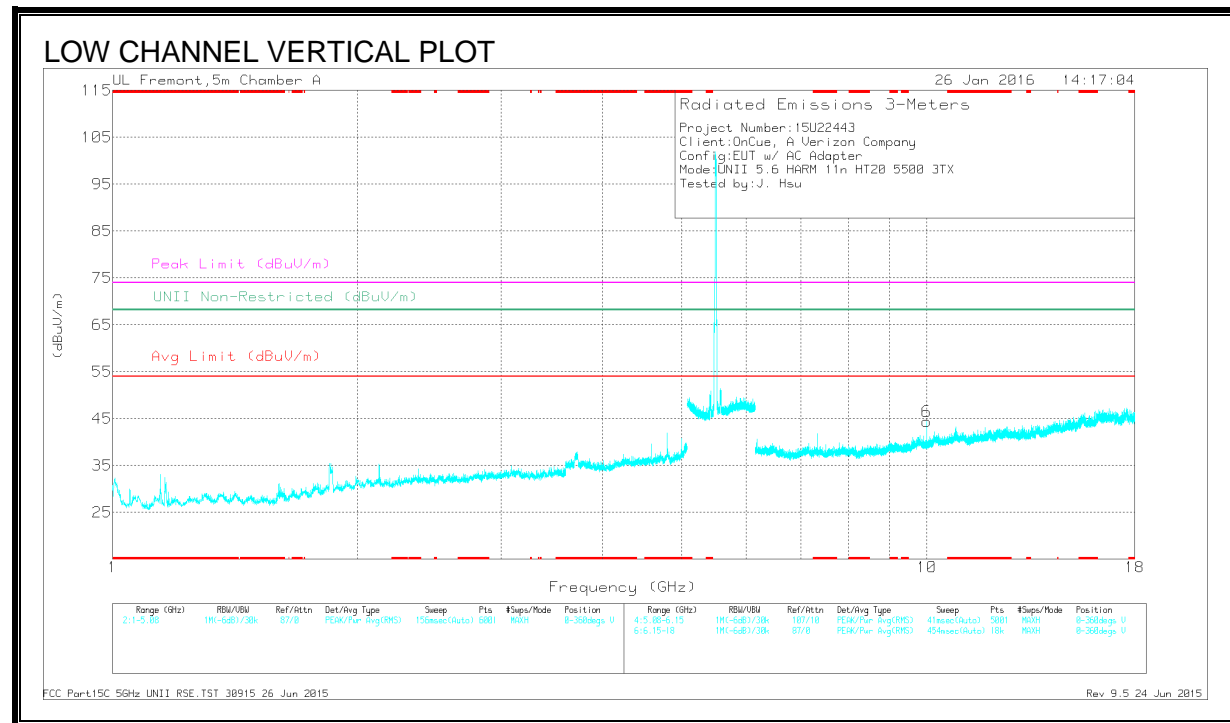
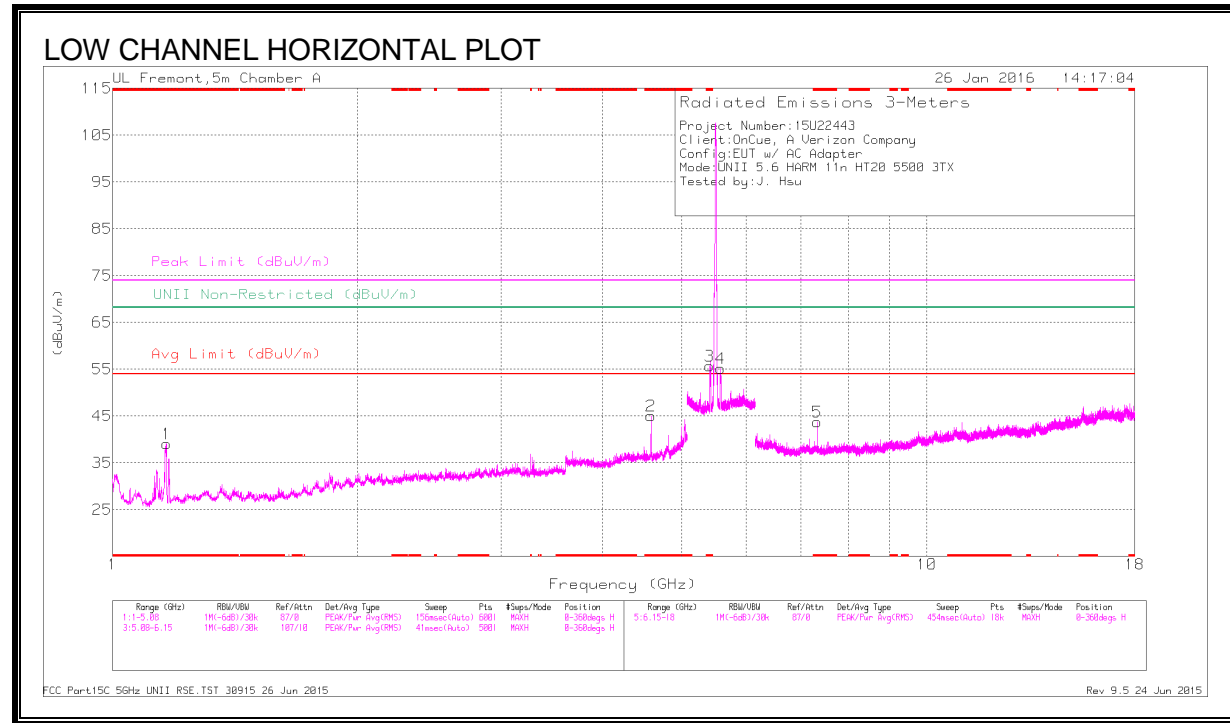


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	49.01	Pk	34.7	-20.1	63.61	68.2	-4.59	99	285	V
2	5.725	49.57	Pk	34.7	-20.1	64.17	68.2	-4.03	99	285	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.165	47.31	Pk	27.7	-35.9	0	39.11	-	-	74	-34.89	-	-	0-360	100	H
2	* 4.583	41.92	Pk	34	-30.9	0	45.02	-	-	74	-28.98	-	-	0-360	100	H
3	* 5.412	41.45	Pk	34.6	-20.3	0	55.75	-	-	74	-18.25	-	-	0-360	100	H
5	* 7.333	34.11	Pk	35.5	-25.9	0	43.71	-	-	74	-30.29	-	-	0-360	201	H
4	**5.575	40.96	Pk	34.5	-20.3	0	55.16	-	-	-	-	68.2	-13.04	0-360	100	H
6	10	31.13	Pk	37	-23.7	0	44.43	-	-	-	-	68.2	-23.77	0-360	200	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

\*\* - indicates frequency inside the authorized band

Pk - Peak detector

**Radiated Emissions**

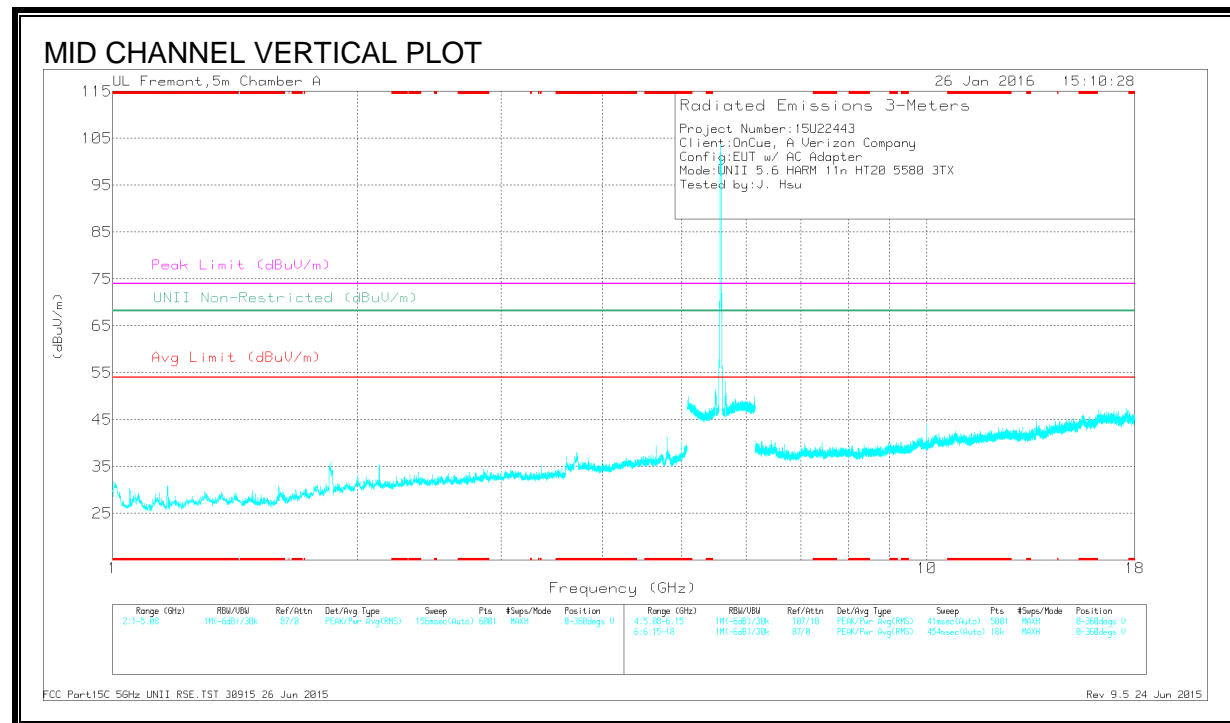
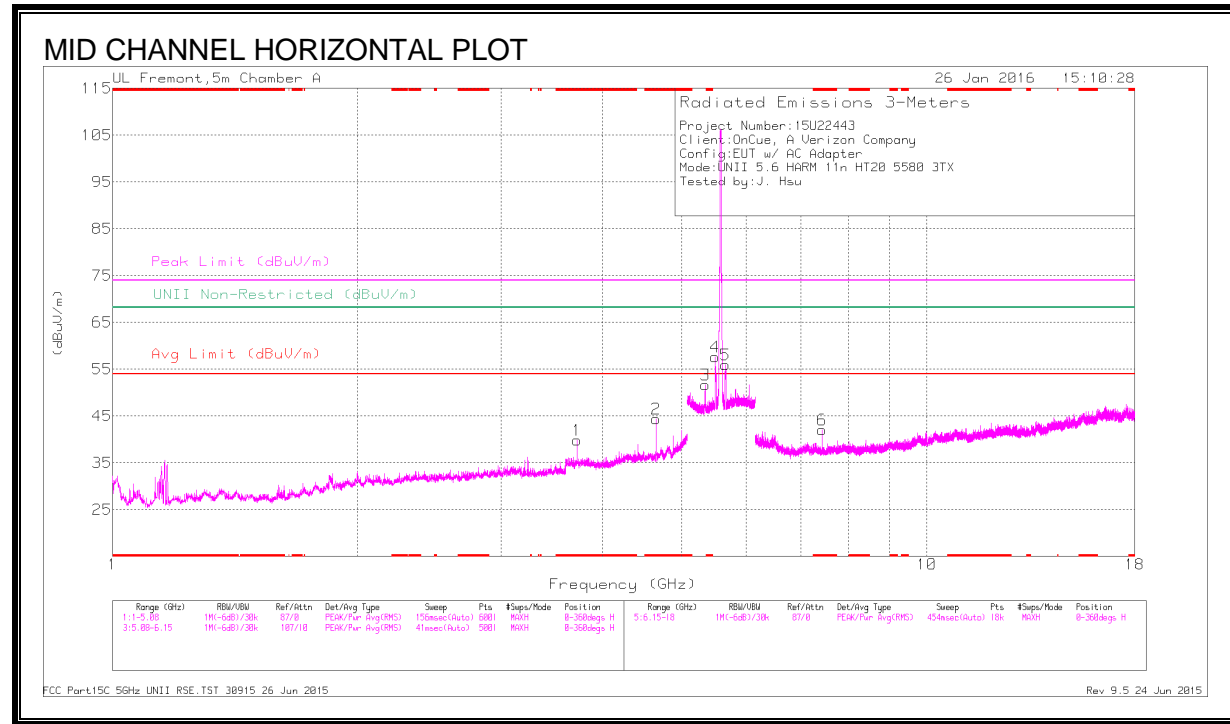
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.166	56.44	PK-U	27.7	-35.9	0	48.24	-	-	74	-25.76	-	-	51	171	H
* 1.166	34.76	ADR	27.7	-35.9	0	26.56	54	-27.44	-	-	-	-	51	171	H
* 4.583	47.23	PK-U	34	-30.9	0	50.33	-	-	74	-23.67	-	-	331	129	H
* 4.583	40.84	ADR	34	-30.9	0	43.94	54	-10.06	-	-	-	-	331	129	H
* 7.333	40.8	PK-U	35.5	-25.9	0	50.4	-	-	74	-23.6	-	-	69	131	H
* 7.333	33.97	ADR	35.5	-25.9	0	43.57	54	-10.43	-	-	-	-	69	131	H
**5.578	49.33	PK-U	34.5	-20.3	0	63.53	-	-	-	-	68.2	-4.67	322	114	H
10	37.99	PK-U	37	-23.7	0	51.29	-	-	-	-	68.2	-16.91	56	248	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

\*\* - indicates frequency inside the authorized band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.72	38.9	Pk	33.3	-32.4	0	39.8	-	-	74	-34.2	-	-	0-360	201	H
2	* 4.65	40.33	Pk	34.1	-30	0	44.43	-	-	74	-29.57	-	-	0-360	100	H
6	* 7.44	32.89	Pk	35.5	-26.3	0	42.09	-	-	74	-31.91	-	-	0-360	100	H
3	5.348	37.43	Pk	34.6	-20.3	0	51.73	-	-	-	-	68.2	-16.47	0-360	100	H
4	**5.495	43.3	Pk	34.5	-20.2	0	57.6	-	-	-	-	68.2	-10.6	0-360	100	H
5	**5.662	41.71	Pk	34.6	-20.4	0	55.91	-	-	-	-	68.2	-12.29	0-360	100	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

\*\* - indicates frequency inside the authorized band

Pk - Peak detector

**Radiated Emissions**

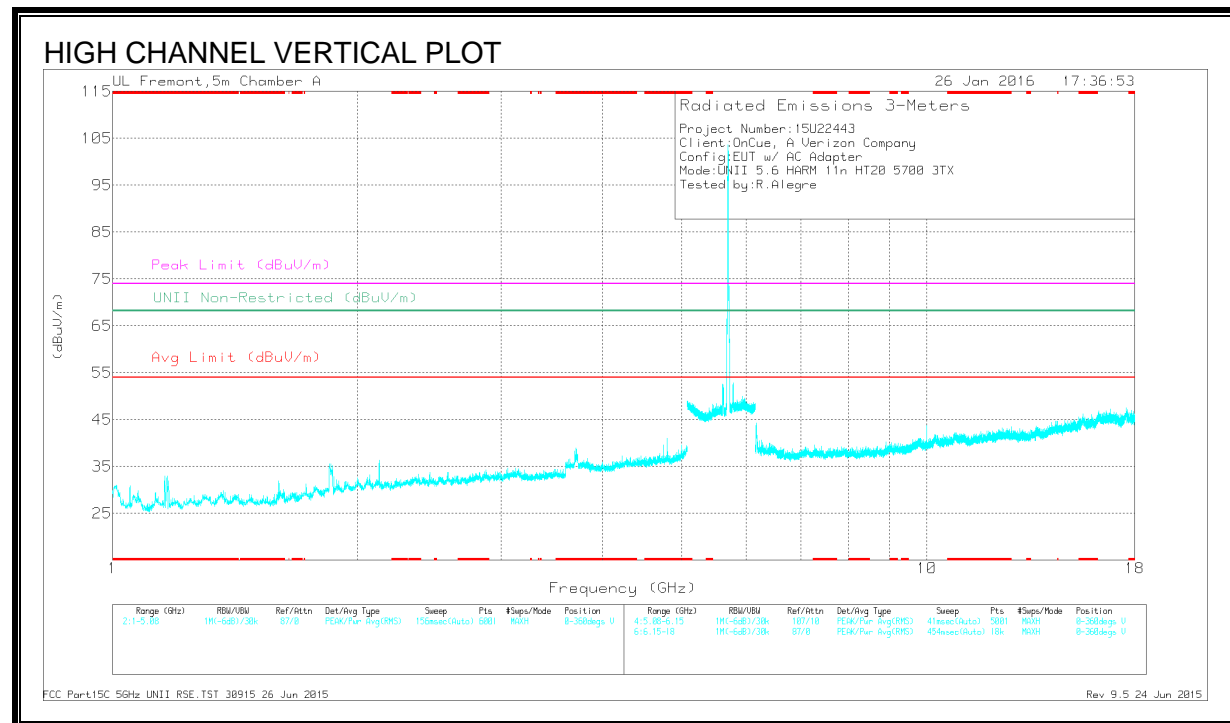
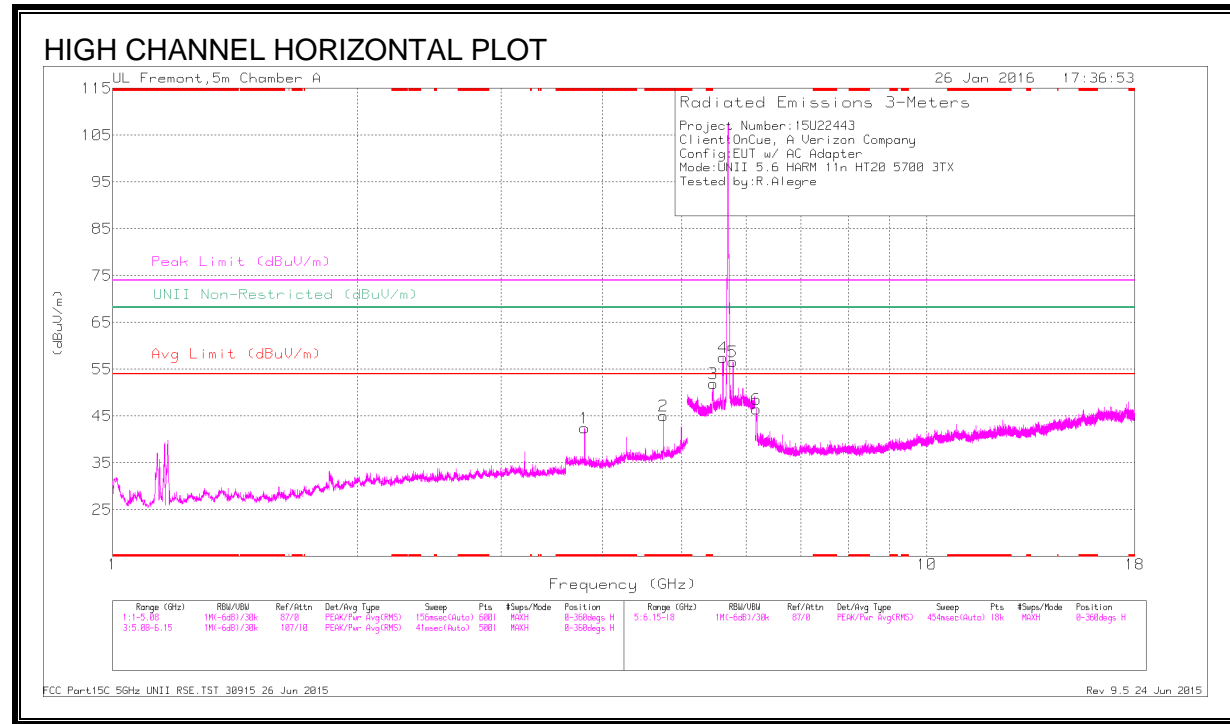
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.72	45.86	PK-U	33.3	-32.4	0	46.76	-	-	74	-27.24	-	-	58	133	H
* 3.72	38.09	ADR	33.3	-32.4	0	38.99	54	-15.01	-	-	-	-	58	133	H
* 4.65	46.22	PK-U	34.1	-30	0	50.32	-	-	74	-23.68	-	-	325	110	H
* 4.65	40.14	ADR	34.1	-30	0	44.24	54	-9.76	-	-	-	-	325	110	H
* 7.44	39.34	PK-U	35.5	-26.3	0	48.54	-	-	74	-25.46	-	-	311	271	H
* 7.44	31.22	ADR	35.5	-26.3	0	40.42	54	-13.58	-	-	-	-	311	271	H
5.347	45.09	PK-U	34.6	-20.3	0	59.39	-	-	-	-	68.2	-8.81	322	247	H
**5.502	50.36	PK-U	34.4	-20.2	0	64.56	-	-	-	-	68.2	-3.64	48	107	H
**5.661	50.68	PK-U	34.6	-20.4	0	64.88	-	-	-	-	68.2	-3.32	308	102	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

\*\* - indicates frequency inside the authorized band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average





**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.8	40.48	Pk	33.4	-31.4	0	42.48	-	-	74	-31.52	-	-	0-360	100	H
2	* 4.75	41.34	Pk	34.1	-30.4	0	45.04	-	-	74	-28.96	-	-	0-360	201	H
3	5.462	37.71	Pk	34.5	-20.3	0	51.91	-	-	-	-	68.2	-16.29	0-360	100	H
4	**5.622	43.45	Pk	34.5	-20.4	0	57.55	-	-	-	-	68.2	-10.65	0-360	100	H
5	5.778	41.45	Pk	34.9	-19.8	0	56.55	-	-	-	-	68.2	-11.65	0-360	201	H
6	6.177	39.05	Pk	35.4	-28	0	46.45	-	-	-	-	68.2	-21.75	0-360	100	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

\*\* - indicates frequency inside the authorized band

Pk - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.8	44.99	PK-U	33.4	-31.4	0	46.99	-	-	74	-27.01	-	-	58	342	H
* 3.8	38.05	ADR	33.4	-31.4	0	40.05	54	-13.95	-	-	-	-	58	342	H
* 4.75	45.79	PK-U	34.1	-30.4	0	49.49	-	-	74	-24.51	-	-	327	169	H
* 4.75	38.08	ADR	34.1	-30.4	0	41.78	54	-12.22	-	-	-	-	327	169	H
5.462	44.26	PK-U	34.5	-20.4	0	58.36	-	-	-	-	68.2	-9.84	311	207	H
**5.621	50.8	PK-U	34.5	-20.4	0	64.9	-	-	-	-	68.2	-3.3	4	124	H
5.777	49.59	PK-U	34.9	-19.8	0	64.69	-	-	-	-	68.2	-3.51	48	106	H
6.177	47.11	PK-U	35.4	-28	0	54.51	-	-	-	-	68.2	-13.69	320	200	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

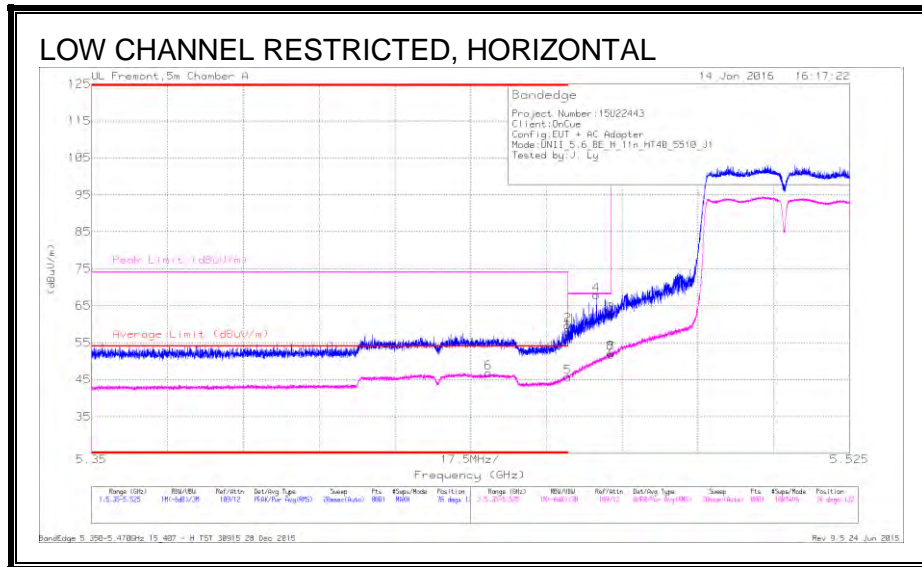
\*\* - indicates frequency inside the authorized band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## 10.17. TX ABOVE 1 GHz 802.11n HT40 CDD 1TX MODE IN THE 5.6 GHz BAND

### RESTRICTED BANDEDGE (LOW CHANNEL)



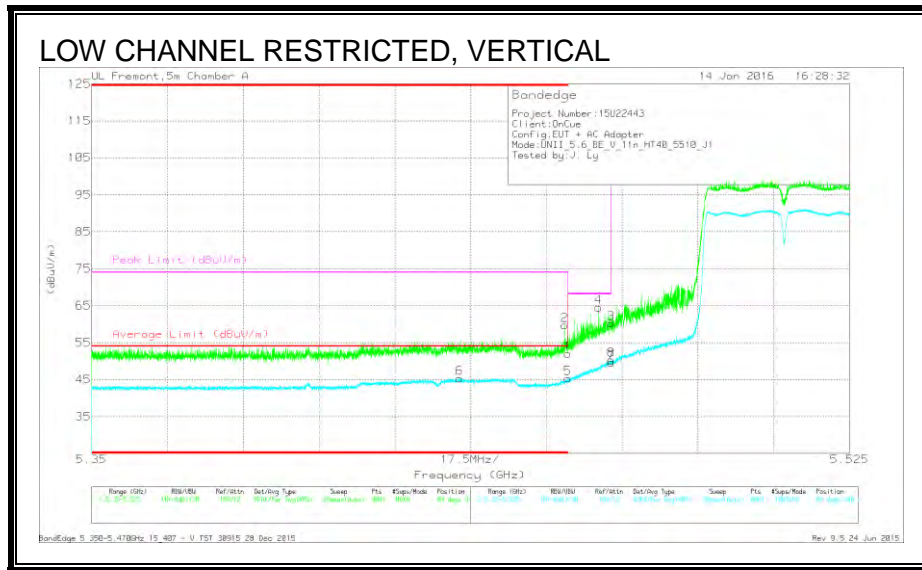
### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fit r/Pad (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	* 5.442	32.64	RMS	34.5	-20.3	0	46.84	54	-7.16	-	-	76	132	H
1	* 5.46	43.83	Pk	34.5	-20.4	0	57.93	-	-	74	-16.07	76	132	H
2	* 5.46	45.63	Pk	34.5	-20.4	0	59.73	-	-	74	-14.27	76	132	H
5	* 5.46	31.54	RMS	34.5	-20.4	0	45.64	54	-8.36	-	-	76	132	H
4	5.467	53.7	Pk	34.5	-20.3	0	67.9	-	-	68.2	-3	76	132	H
3	5.47	48.25	Pk	34.5	-20.2	0	62.55	-	-	68.2	-5.65	76	132	H
7	5.47	37.53	RMS	34.5	-20.2	0	51.83	-	-	-	-	76	132	H
8	5.47	37.9	RMS	34.5	-20.2	0	52.2	-	-	-	-	76	132	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection



Trace Markers

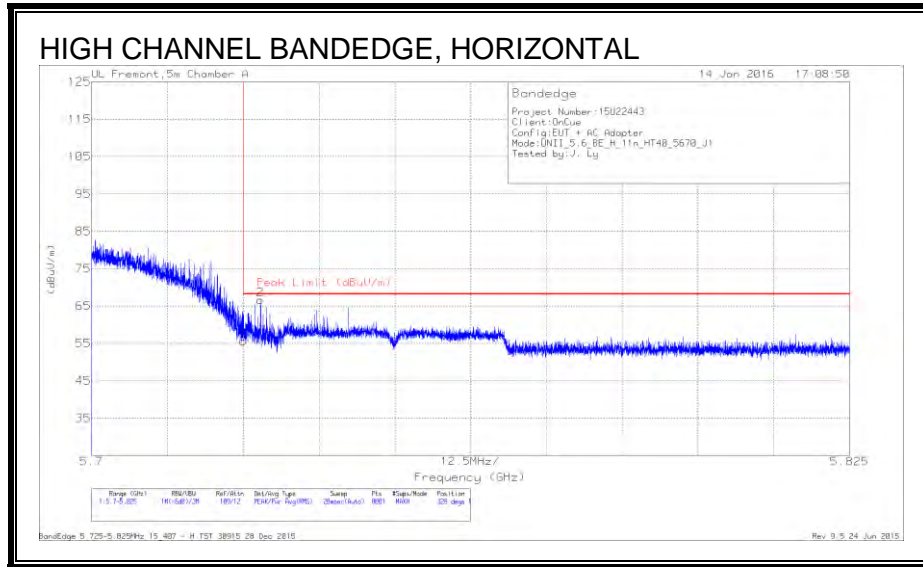
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.435	31.18	RMS	34.5	-20.3	0	45.38	54	-8.62	-	-	89	340	V
2	* 5.459	45.6	Pk	34.5	-20.4	0	59.7	-	-	74	-14.3	89	340	V
1	* 5.46	38	Pk	34.5	-20.4	0	52.1	-	-	74	-21.9	89	340	V
5	* 5.46	31.24	RMS	34.5	-20.4	0	45.34	54	-8.66	-	-	89	340	V
4	5.467	50.38	Pk	34.5	-20.3	0	64.58	-	-	68.2	-3.62	89	340	V
3	5.47	45.91	Pk	34.5	-20.2	0	60.21	-	-	68.2	-7.99	89	340	V
7	5.47	35.36	RMS	34.5	-20.2	0	49.66	-	-	-	-	89	340	V
8	5.47	35.99	RMS	34.5	-20.2	0	50.29	-	-	-	-	89	340	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection

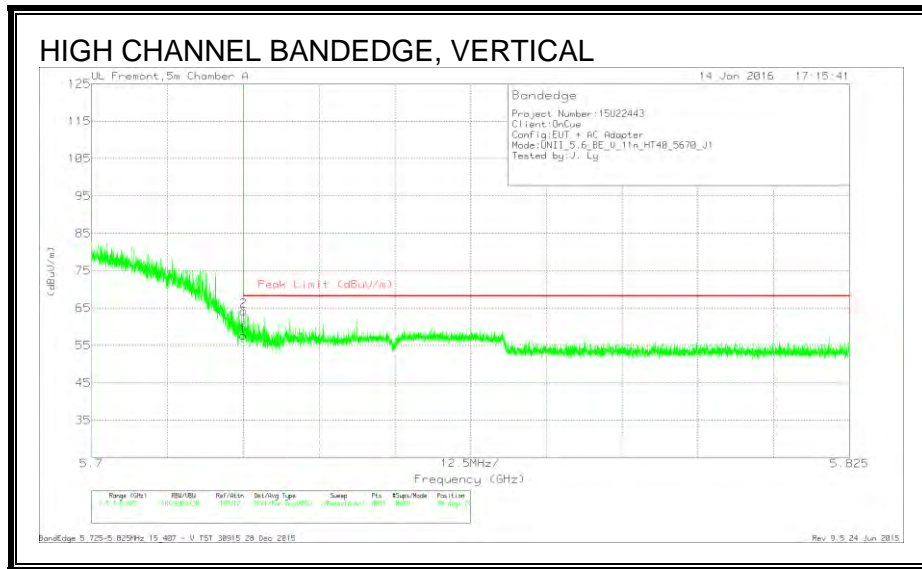
**AUTHORIZED BANDEGE (HIGH CHANNEL)**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.98	Pk	34.7	-20.1	0	55.58	68.2	-12.62	328	113	H
2	5.728	51.96	Pk	34.7	-20	0	66.66	68.2	-1.54	328	113	H

Pk - Peak detector

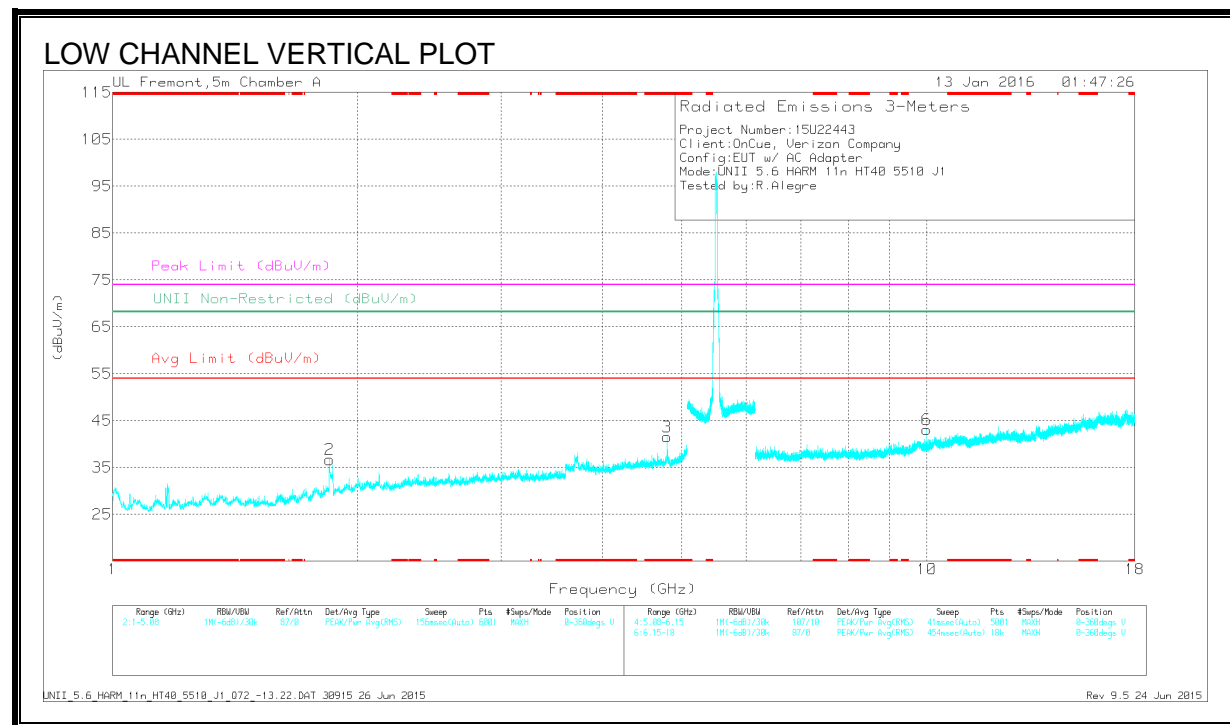
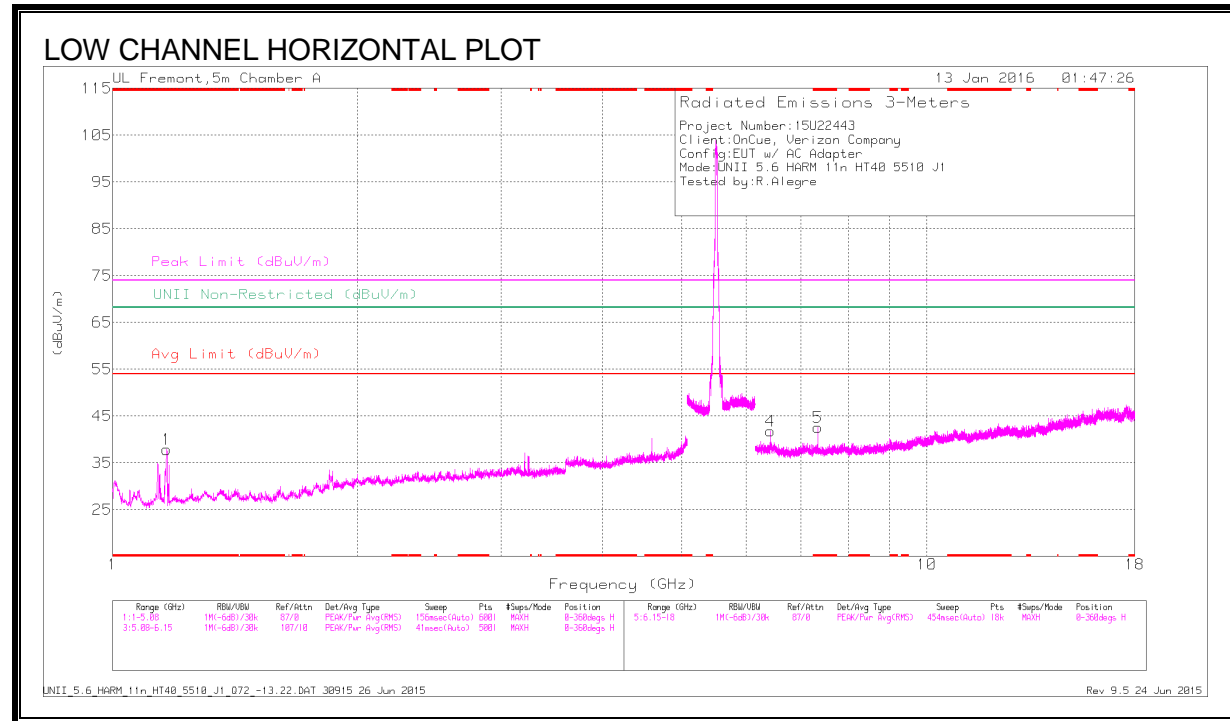


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.07	Pk	34.7	-20.1	0	57.67	68.2	-10.53	98	298	V
2	5.725	49.67	Pk	34.7	-20.1	0	64.27	68.2	-3.93	98	298	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.166	46.05	Pk	27.7	-35.9	0	37.85	-	-	74	-36.15	-	-	0-360	100	H
3	* 4.8	37.53	Pk	34	-30	0	41.53	-	-	74	-32.47	-	-	0-360	100	V
5	* 7.346	32.76	Pk	35.5	-25.7	0	42.56	-	-	74	-31.44	-	-	0-360	100	H
2	1.846	41.38	Pk	30.4	-35.1	0	36.68	-	-	-	-	68.2	-31.52	0-360	200	V
4	6.428	33.57	Pk	35.5	-27.3	0	41.77	-	-	-	-	68.2	-26.43	0-360	100	H
6	10	29.77	Pk	37	-23.7	0	43.07	-	-	-	-	68.2	-25.13	0-360	100	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

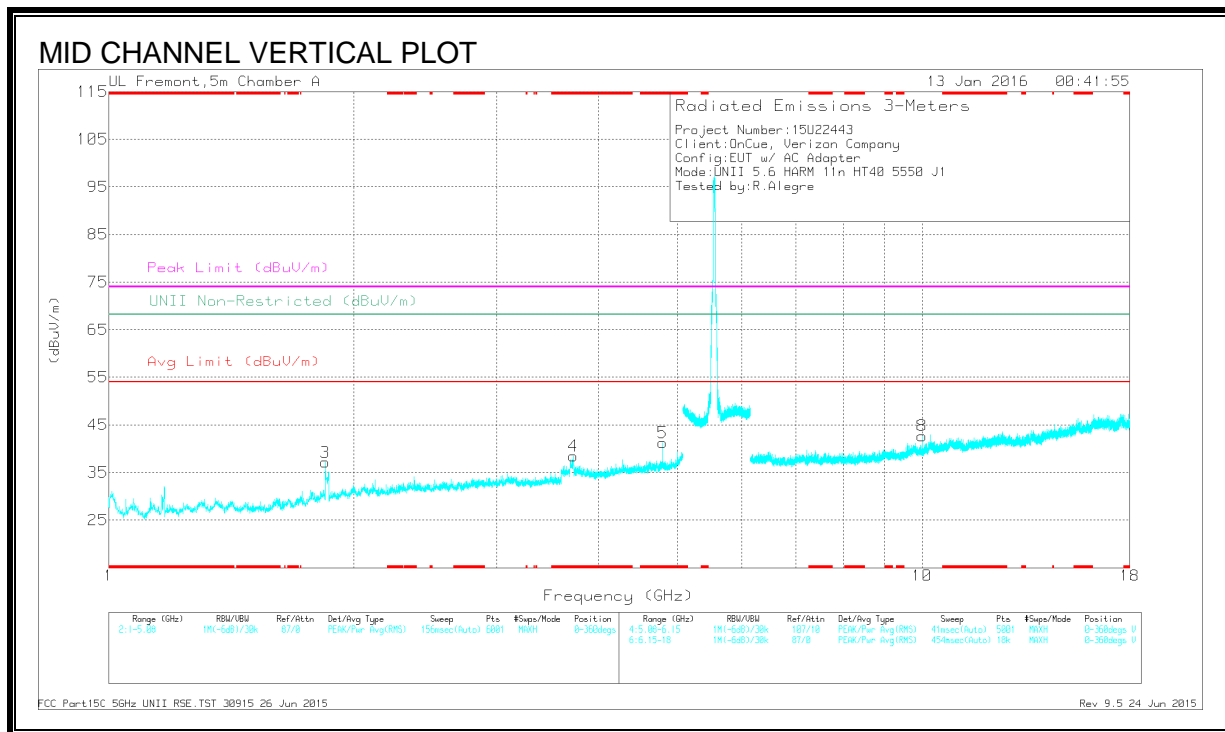
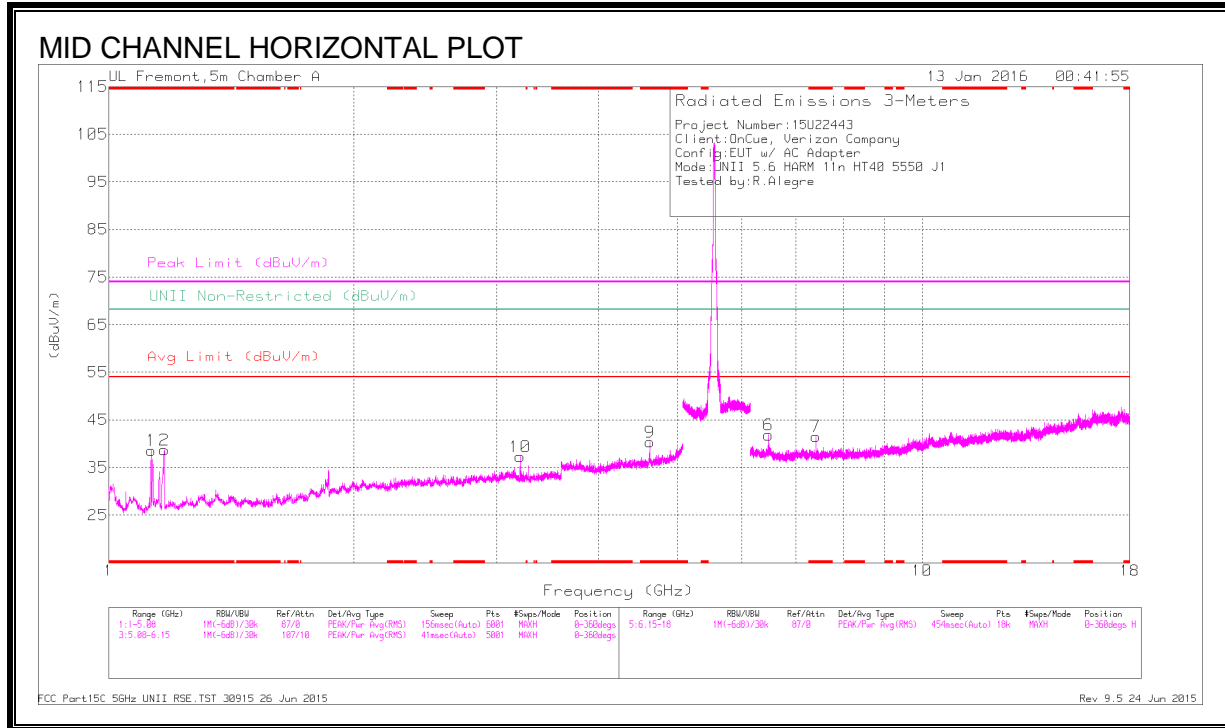
**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.167	54.73	PK-U	27.8	-35.9	0	46.63	-	-	74	-27.37	-	-	348	118	H
* 1.166	33.64	ADR	27.7	-35.9	0	25.44	54	-28.56	-	-	-	-	348	118	H
* 4.8	43.42	PK-U	34	-30	0	47.42	-	-	74	-26.58	-	-	294	149	V
* 4.8	33.98	ADR	34	-30	0	37.98	54	-16.02	-	-	-	-	294	149	V
* 7.346	40.18	PK-U	35.5	-25.7	0	49.98	-	-	74	-24.02	-	-	65	117	H
* 7.347	32.04	ADR	35.5	-25.7	0	41.84	54	-12.16	-	-	-	-	65	117	H
1.846	52.96	PK-U	30.4	-35.1	0	48.26	-	-	-	-	68.2	-19.94	21	351	V
6.428	41.05	PK-U	35.5	-27.4	0	49.15	-	-	-	-	68.2	-19.05	328	161	H
10	37.07	PK-U	37	-23.7	0	50.37	-	-	-	-	68.2	-17.83	64	232	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average





**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter/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	* 1.128	46.92	Pk	27.4	-35.7	0	38.62	-	-	74	-35.38	-	-	0-360	101	H
2	* 1.171	46.9	Pk	27.8	-36	0	38.7	-	-	74	-35.3	-	-	0-360	101	H
9	* 4.625	36.27	Pk	34	-29.9	0	40.37	-	-	74	-33.63	-	-	0-360	101	H
4	* 3.726	37.47	Pk	33.3	-32.3	0	38.47	-	-	74	-35.53	-	-	0-360	200	V
5	* 4.8	37.27	Pk	34	-30	0	41.27	-	-	74	-32.73	-	-	0-360	100	V
7	* 7.399	31.85	Pk	35.6	-25.9	0	41.55	-	-	74	-32.45	-	-	0-360	100	H
3	1.846	41.84	Pk	30.4	-35.1	0	37.14	-	-	-	-	68.2	-31.06	0-360	200	V
10	3.205	37.87	Pk	32.7	-33.3	0	37.27	-	-	-	-	68.2	-30.93	0-360	101	H
6	6.475	32.84	Pk	35.5	-26.5	0	41.84	-	-	-	-	68.2	-26.36	0-360	100	H
8	10	29.42	Pk	37	-23.7	0	42.72	-	-	-	-	68.2	-25.48	0-360	200	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

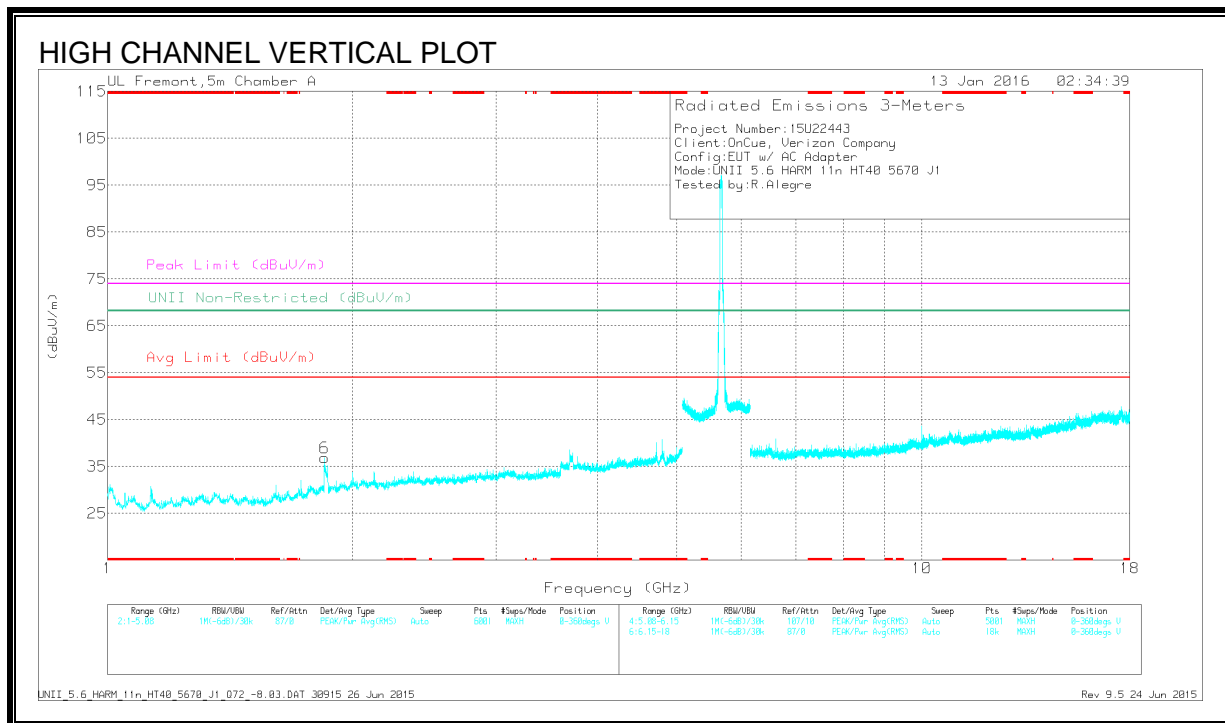
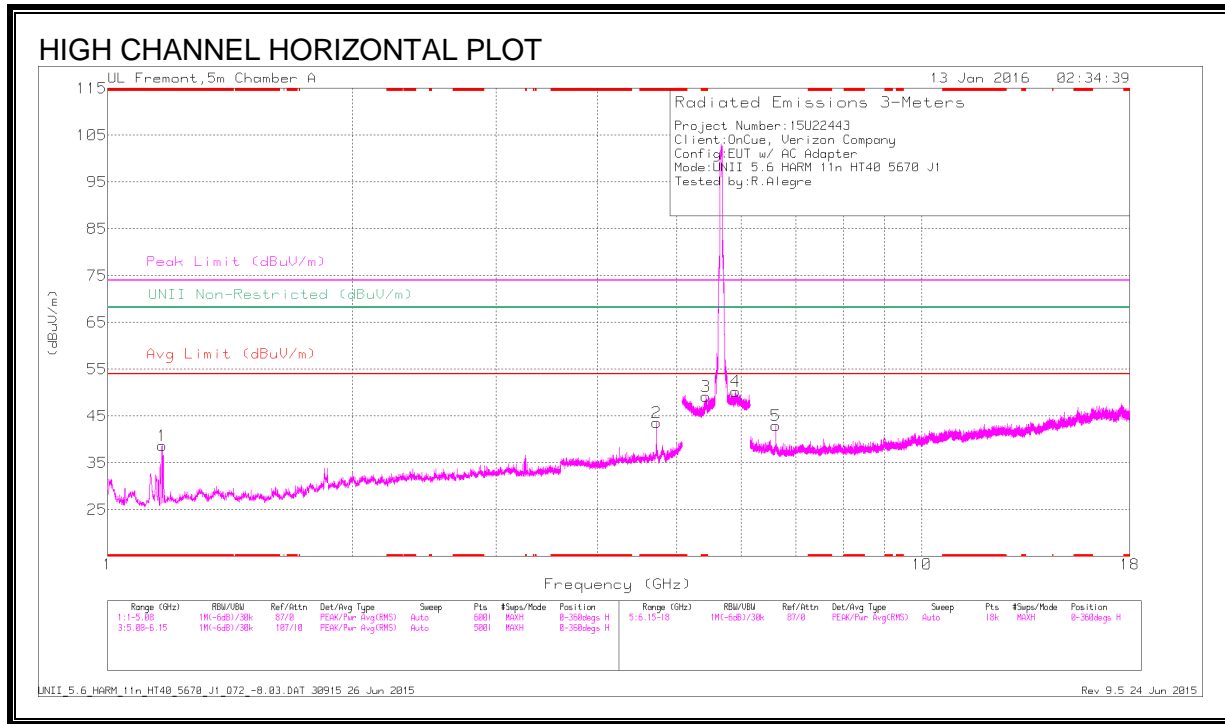
**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter/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
* 1.129	56.74	PK-U	27.5	-35.7	0	48.54	-	-	74	-25.46	-	-	45	118	H
* 1.13	34.53	ADR	27.5	-35.7	0	26.33	54	-27.67	-	-	-	-	45	118	H
* 1.17	56.26	PK-U	27.8	-36	0	48.06	-	-	74	-25.94	-	-	45	118	H
* 1.171	34.74	ADR	27.8	-36	0	26.54	54	-27.46	-	-	-	-	45	118	H
* 4.625	42.17	PK-U	34	-29.9	0	46.27	-	-	74	-27.73	-	-	315	261	H
* 4.625	33.1	ADR	34	-29.9	0	37.2	54	-16.8	-	-	-	-	315	261	H
* 3.728	46.26	PK-U	33.3	-32.3	0	47.26	-	-	74	-26.74	-	-	34	236	V
* 3.727	32.27	ADR	33.3	-32.3	0	33.27	54	-20.73	-	-	-	-	34	236	V
* 4.8	43.93	PK-U	34	-30	0	47.93	-	-	74	-26.07	-	-	299	110	V
* 4.8	34.84	ADR	34	-30	0	38.84	54	-15.16	-	-	-	-	299	110	V
* 7.4	39.51	PK-U	35.6	-26	0	49.11	-	-	74	-24.89	-	-	317	110	H
* 7.4	30.89	ADR	35.6	-26	0	40.49	54	-13.51	-	-	-	-	317	110	H
1.846	52.78	PK-U	30.4	-35.1	0	48.08	-	-	-	-	68.2	-20.12	14	293	V
3.205	43.3	PK-U	32.7	-33.3	0	42.7	-	-	-	-	68.2	-25.5	52	123	H
6.475	39.27	PK-U	35.5	-26.5	0	48.27	-	-	-	-	68.2	-19.93	288	138	H
10	36.89	PK-U	37	-23.7	0	50.19	-	-	-	-	68.2	-18.01	56	267	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.167	46.85	Pk	27.7	-35.9	0	38.65	-	-	74	-35.35	-	-	0-360	100	H
2	* 4.725	39.88	Pk	34.1	-30.4	0	43.58	-	-	74	-30.42	-	-	0-360	100	H
3	* 5.432	34.94	Pk	34.6	-20.3	0	49.24	-	-	74	-24.76	-	-	0-360	100	H
6	1.846	41.58	Pk	30.4	-35.1	0	36.88	-	-	-	-	68.2	-31.32	0-360	200	V
4	5.907	34.71	Pk	35.2	-19.6	0	50.31	-	-	-	-	68.2	-17.89	0-360	201	H
5	6.615	35.31	Pk	35.6	-27.9	0	43.01	-	-	-	-	68.2	-25.19	0-360	100	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.166	54.94	PK-U	27.7	-35.9	0	46.74	-	-	74	-27.26	-	-	60	287	H
* 1.167	34.08	ADR	27.8	-35.9	0	25.98	54	-28.02	-	-	-	-	60	287	H
* 4.725	46.26	PK-U	34.1	-30.4	0	49.96	-	-	74	-24.04	-	-	301	100	H
* 4.725	39.3	ADR	34.1	-30.4	0	43	54	-11	-	-	-	-	301	100	H
* 5.434	43.97	PK-U	34.5	-20.3	0	58.17	-	-	74	-15.83	-	-	64	100	H
* 5.435	31.99	ADR	34.5	-20.3	0	46.19	54	-7.81	-	-	-	-	64	100	H
1.846	53.3	PK-U	30.4	-35.1	0	48.6	-	-	-	-	68.2	-19.6	20	400	V
5.907	43.22	PK-U	35.2	-19.6	0	58.82	-	-	-	-	68.2	-9.38	310	119	H
6.615	42.02	PK-U	35.6	-27.9	0	49.72	-	-	-	-	68.2	-18.48	335	107	H

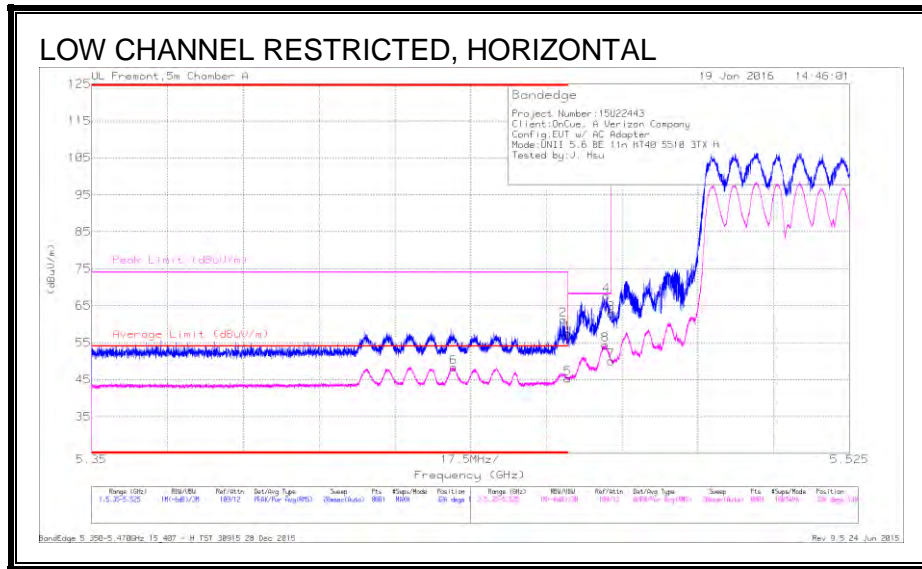
\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

### RESTRICTED BANDEDGE (LOW CHANNEL)



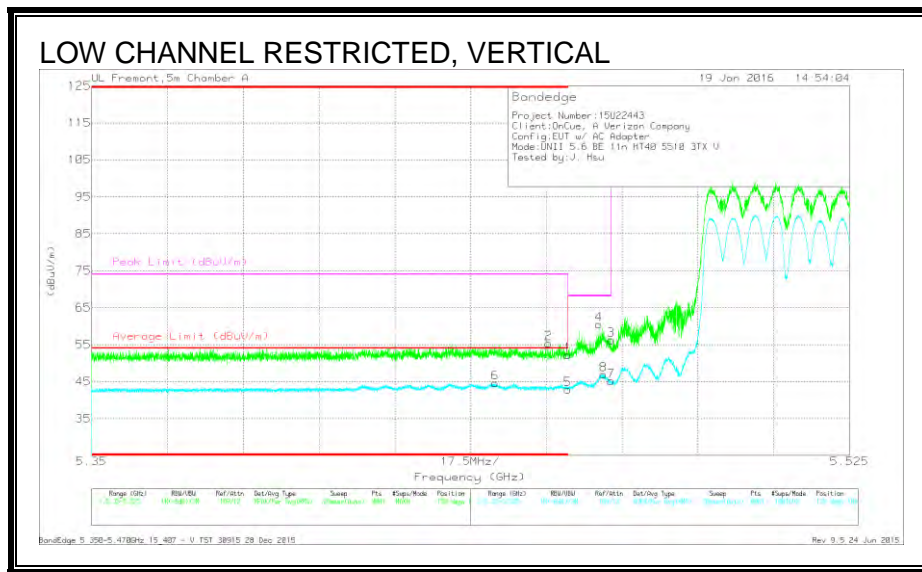
### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fit r/Pad (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	* 5.434	34.17	RMS	34.5	-20.3	0	48.37	54	-5.63	-	-	326	138	H
2	* 5.459	47.08	Pk	34.5	-20.4	0	61.18	-	-	74	-12.82	326	138	H
1	* 5.46	43.43	Pk	34.5	-20.4	0	57.53	-	-	74	-16.47	326	138	H
5	* 5.46	31.2	RMS	34.5	-20.4	0	45.3	54	-8.7	-	-	326	138	H
4	5.469	53.39	Pk	34.5	-20.2	0	67.69	-	-	68.2	-5.1	326	138	H
8	5.469	40.11	RMS	34.5	-20.2	0	54.41	-	-	-	-	326	138	H
3	5.47	48.62	Pk	34.5	-20.2	0	62.92	-	-	68.2	-5.28	326	138	H
7	5.47	35.73	RMS	34.5	-20.2	0	50.03	-	-	-	-	326	138	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection



Trace Markers

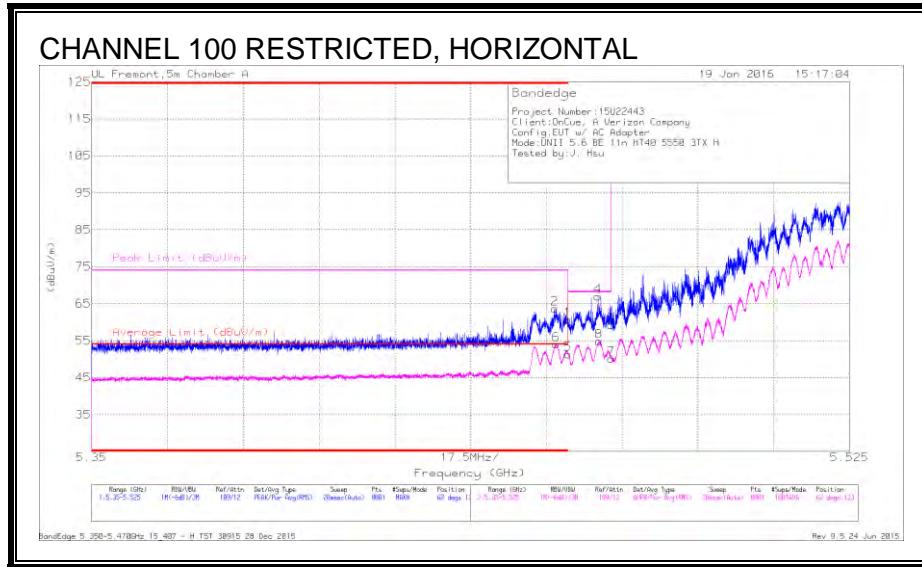
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.443	30.44	RMS	34.5	-20.3	0	44.64	54	-9.36	-	-	158	106	V
2	* 5.455	41.18	Pk	34.5	-20.3	0	55.38	-	-	74	-18.62	158	106	V
1	* 5.46	38.09	Pk	34.5	-20.4	0	52.19	-	-	74	-21.81	158	106	V
5	* 5.46	28.8	RMS	34.5	-20.4	0	42.9	54	-11.1	-	-	158	106	V
4	5.467	46.3	Pk	34.5	-20.3	0	60.5	-	-	68.2	-7.7	158	106	V
8	5.468	32.62	RMS	34.5	-20.2	0	46.92	-	-	-	-	158	106	V
3	5.47	41.96	Pk	34.5	-20.2	0	56.26	-	-	68.2	-11.94	158	106	V
7	5.47	30.84	RMS	34.5	-20.2	0	45.14	-	-	-	-	158	106	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection

**RESTRICTED BANDEDGE (CHANNEL 110)**



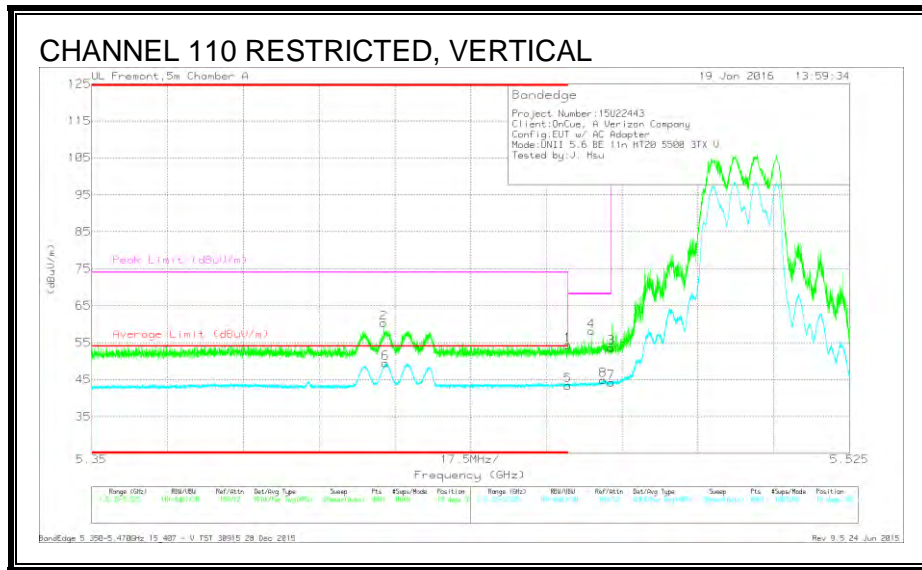
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fit r/Pad (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	49.57	Pk	34.5	-20.4	0	63.67	-	-	74	-10.33	62	133	H
6	* 5.457	39.89	RMS	34.5	-20.4	0	53.99	54	-0.1	-	-	62	133	H
1	* 5.46	46.58	Pk	34.5	-20.4	0	60.68	-	-	74	-13.32	62	133	H
5	* 5.46	37.25	RMS	34.5	-20.4	0	51.35	54	-2.65	-	-	62	133	H
4	5.467	52.71	Pk	34.5	-20.3	0	66.91	-	-	68.2	-1.29	62	133	H
8	5.467	40.6	RMS	34.5	-20.3	0	54.8	-	-	-	-	62	133	H
3	5.47	44.94	Pk	34.5	-20.2	0	59.24	-	-	68.2	-8.96	62	133	H
7	5.47	35.81	RMS	34.5	-20.2	0	50.11	-	-	-	-	62	133	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection



Trace Markers

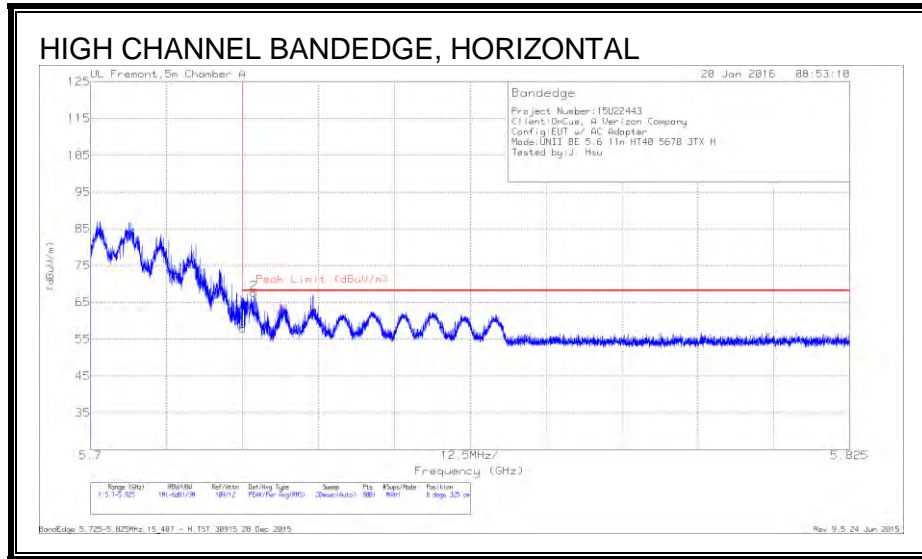
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.417	46.14	Pk	34.6	-20.4	0	60.34	-	-	74	-13.66	18	395	V
6	* 5.418	35.3	RMS	34.6	-20.4	0	49.5	54	-4.5	-	-	18	395	V
1	* 5.46	40.3	Pk	34.5	-20.4	0	54.4	-	-	74	-19.6	18	395	V
5	* 5.46	29.33	RMS	34.5	-20.4	0	43.43	54	-10.57	-	-	18	395	V
4	5.465	43.92	Pk	34.5	-20.3	0	58.12	-	-	68.2	-10.08	18	395	V
8	5.468	30.58	RMS	34.5	-20.2	0	44.88	-	-	-	-	18	395	V
3	5.47	39.36	Pk	34.5	-20.2	0	53.66	-	-	68.2	-14.54	18	395	V
7	5.47	29.96	RMS	34.5	-20.2	0	44.26	-	-	-	-	18	395	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEGE (HIGH CHANNEL)**

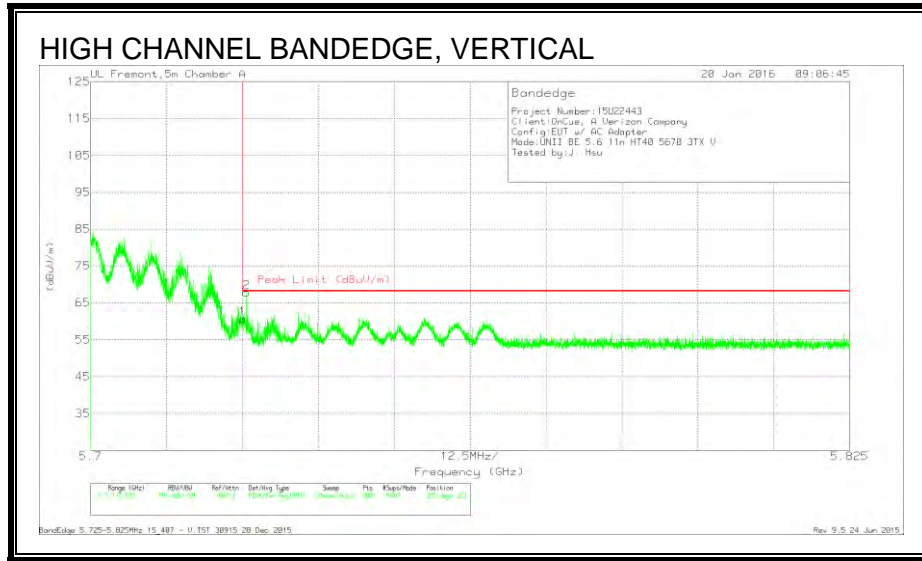


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.35	Pk	34.7	-20.1	57.95	68.2	-10.25	8	325	H
2	5.727	52.95	Pk	34.7	-20.1	67.55	68.2	-.65	8	325	H

Pk - Peak detector



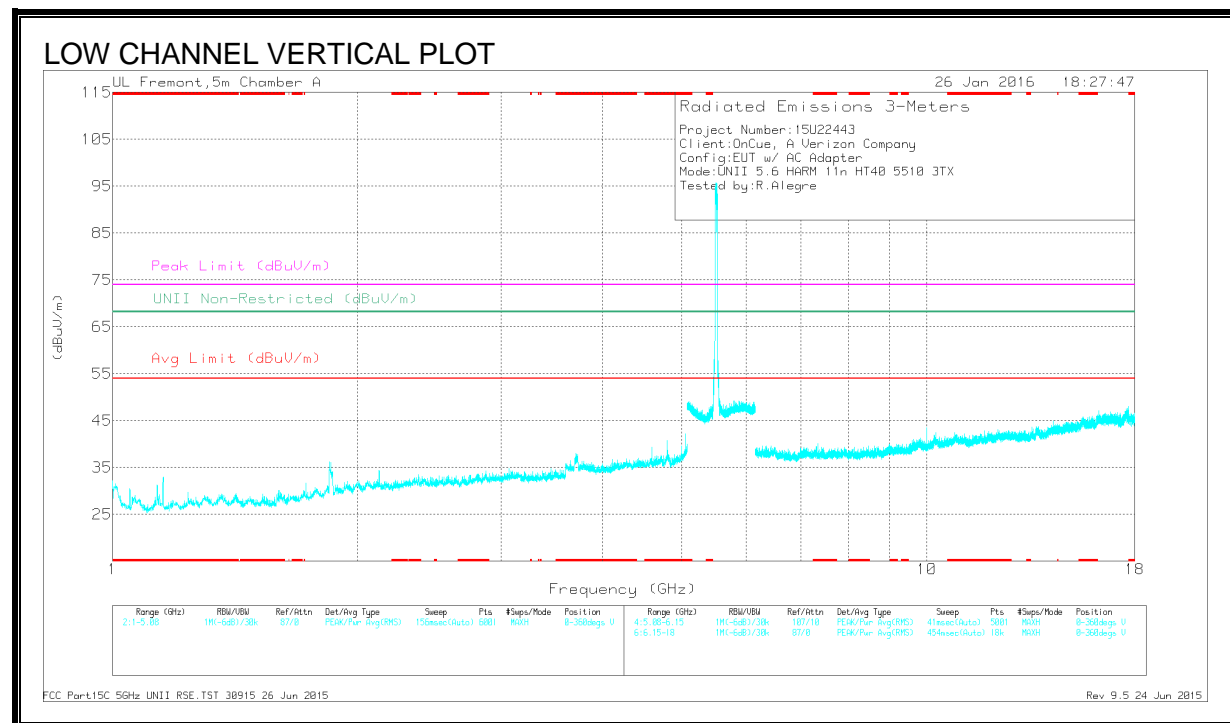
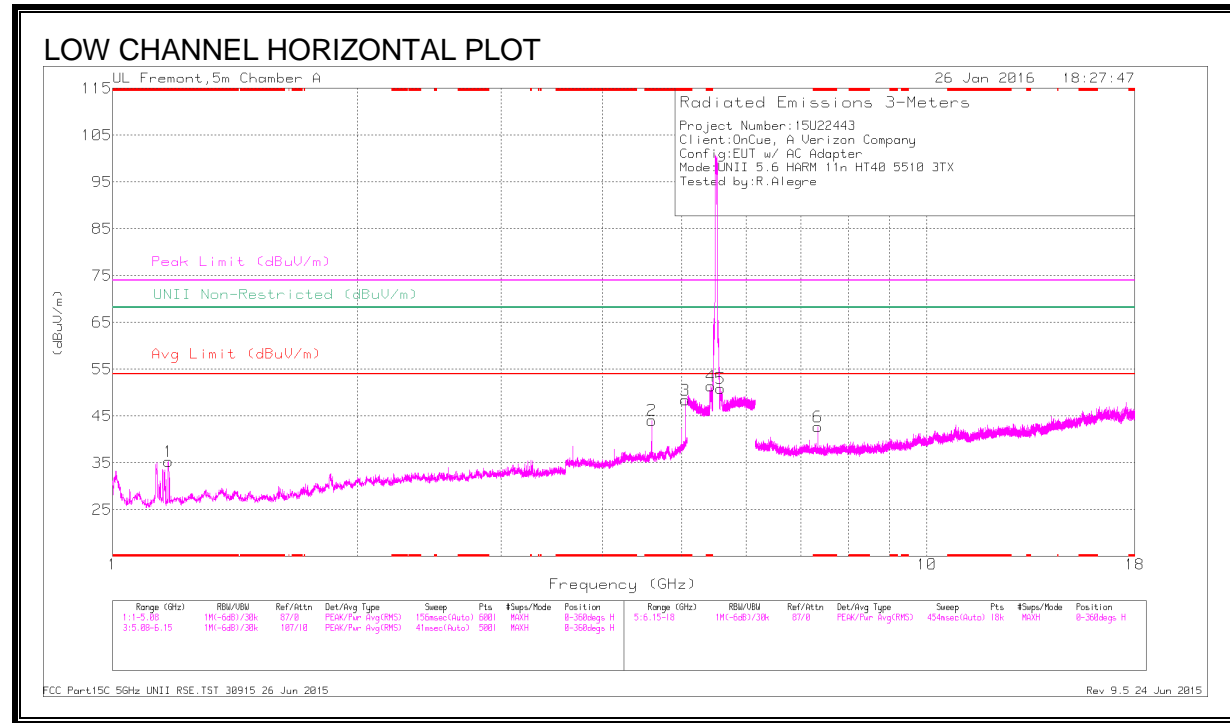


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT136 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	46.11	Pk	34.7	-20.1	60.71	68.2	-7.49	355	323	V
2	5.726	53.22	Pk	34.7	-20.1	67.82	68.2	-.38	355	323	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

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	* 1.172	43.47	Pk	27.8	-36	0	35.27	-	-	74	-38.73	-	-	0-360	100	H
2	* 4.592	40.78	Pk	34	-30.7	0	44.08	-	-	74	-29.92	-	-	0-360	100	H
3	* 5.051	42.06	Pk	34	-27.6	0	48.46	-	-	74	-25.54	-	-	0-360	100	H
4	* 5.427	37.14	Pk	34.6	-20.3	0	51.44	-	-	74	-22.56	-	-	0-360	100	H
6	* 7.347	32.96	Pk	35.5	-25.7	0	42.76	-	-	74	-31.24	-	-	0-360	100	H
5	5.581	36.65	Pk	34.5	-20.3	0	50.85	-	-	-	-	68.2	-17.35	0-360	100	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

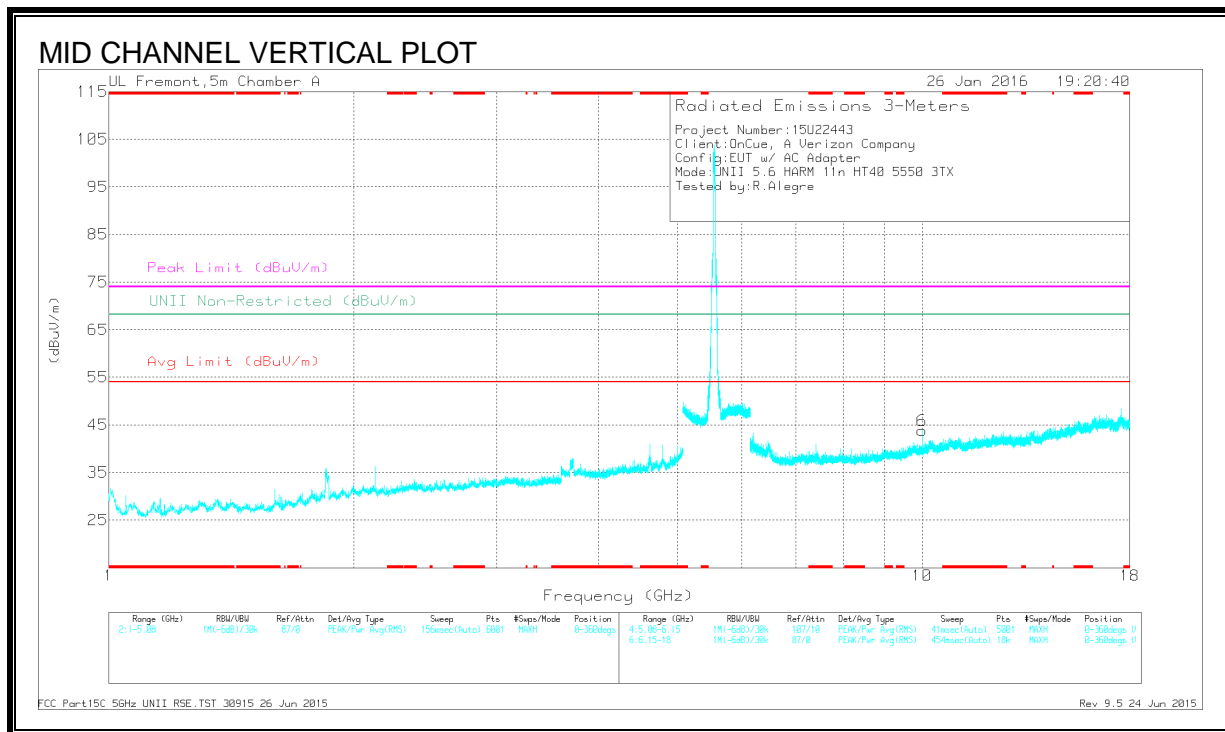
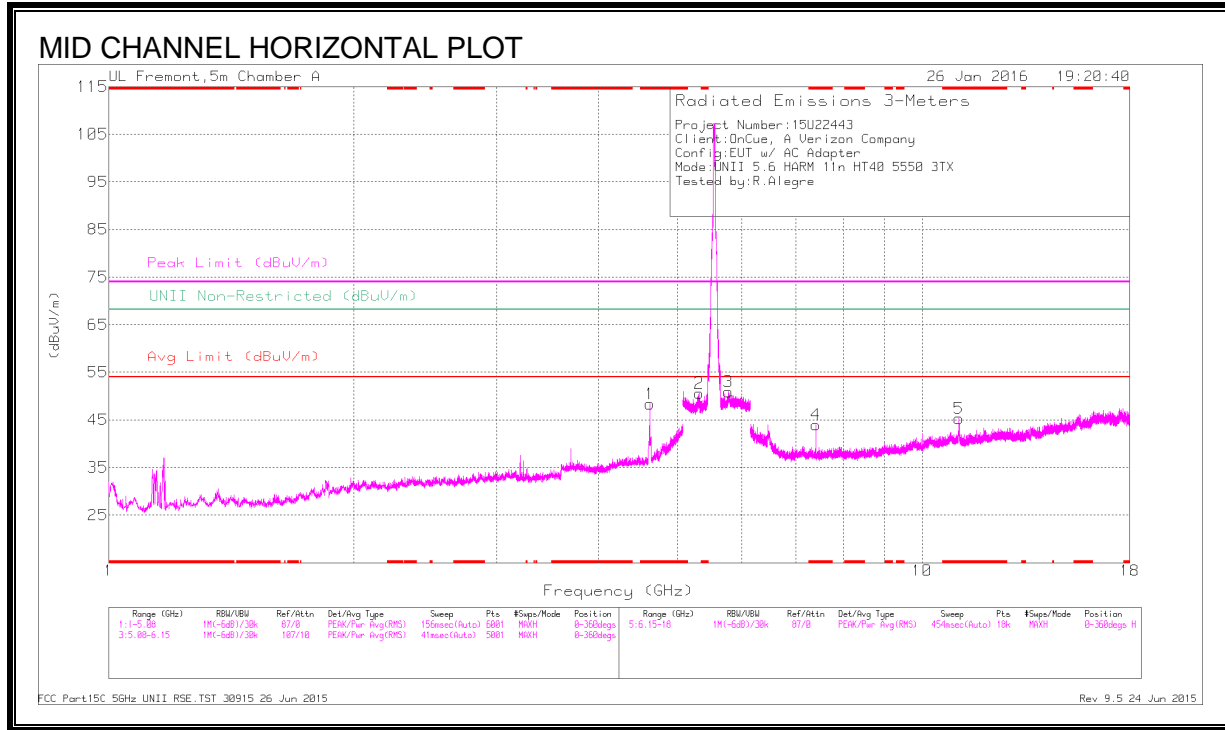
**Radiated Emissions**

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
* 1.17	57.82	PK-U	27.8	-36	0	49.62	-	-	74	-24.38	-	-	45	204	H
* 1.172	35.18	ADR	27.8	-36	0	26.98	54	-27.02	-	-	-	-	45	204	H
* 4.592	47.39	PK-U	34	-30.7	0	50.69	-	-	74	-23.31	-	-	290	109	H
* 4.592	41.28	ADR	34	-30.7	0	44.58	54	-9.42	-	-	-	-	290	109	H
* 5.051	46.96	PK-U	34	-27.6	0	53.36	-	-	74	-20.64	-	-	310	121	H
* 5.051	40.75	ADR	34	-27.6	0	47.15	54	-6.85	-	-	-	-	310	121	H
* 5.427	45.71	PK-U	34.6	-20.3	0	60.01	-	-	74	-13.99	-	-	8	129	H
* 5.427	35.26	ADR	34.6	-20.3	0	49.56	54	-4.44	-	-	-	-	8	129	H
* 7.347	39.79	PK-U	35.5	-25.7	0	49.59	-	-	74	-24.41	-	-	308	119	H
* 7.347	32.14	ADR	35.5	-25.7	0	41.94	54	-12.06	-	-	-	-	308	119	H
5.593	45.49	PK-U	34.5	-20.4	0	59.59	-	-	-	-	68.2	-8.61	58	108	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



**DATA**

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	* 4.625	44.27	Pk	34	-29.9	0	48.37	-	-	74	-25.63	-	-	0-360	100	H
4	* 7.4	34.39	Pk	35.6	-26	0	43.99	-	-	74	-30.01	-	-	0-360	100	H
5	* 11.098	30.2	Pk	37.9	-22.8	0	45.3	-	-	74	-28.7	-	-	0-360	100	H
2	5.318	36.3	Pk	34.5	-20.2	0	50.6	-	-	-	-	68.2	-17.6	0-360	100	H
3	5.775	35.72	Pk	34.9	-19.7	0	50.92	-	-	-	-	68.2	-17.28	0-360	100	H
6	10	30.48	Pk	37	-23.7	0	43.78	-	-	-	-	68.2	-24.42	0-360	200	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

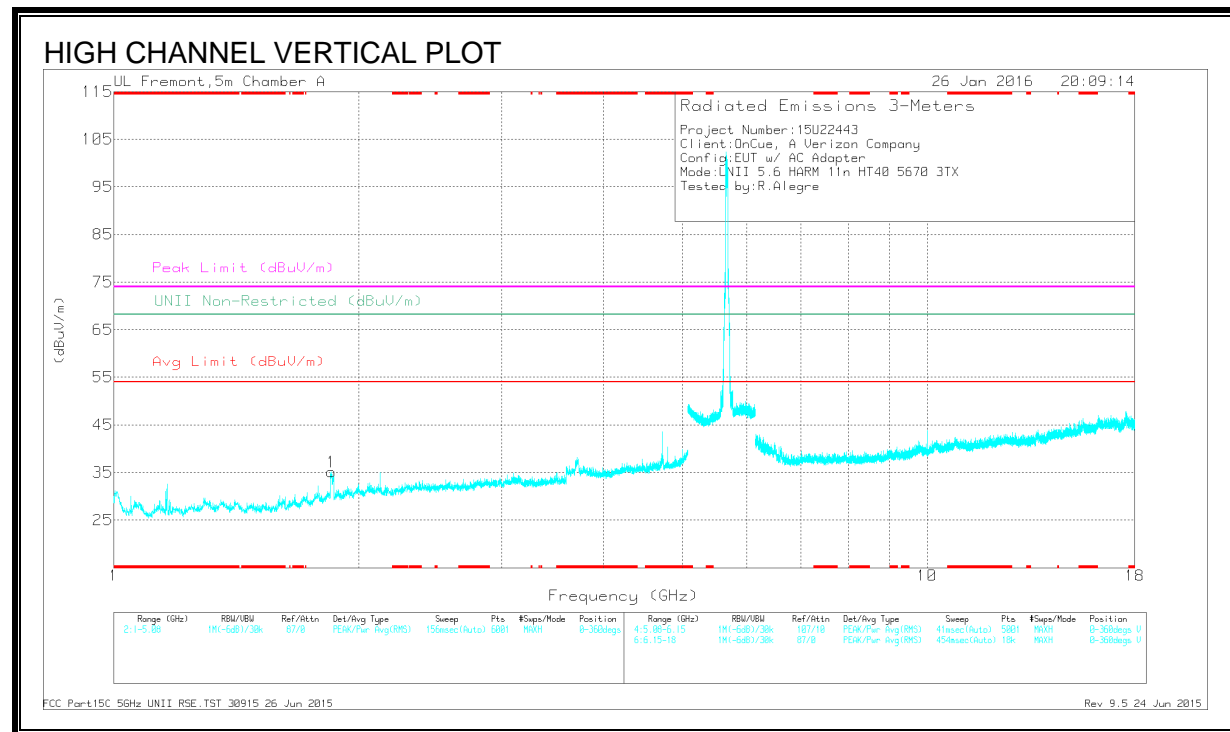
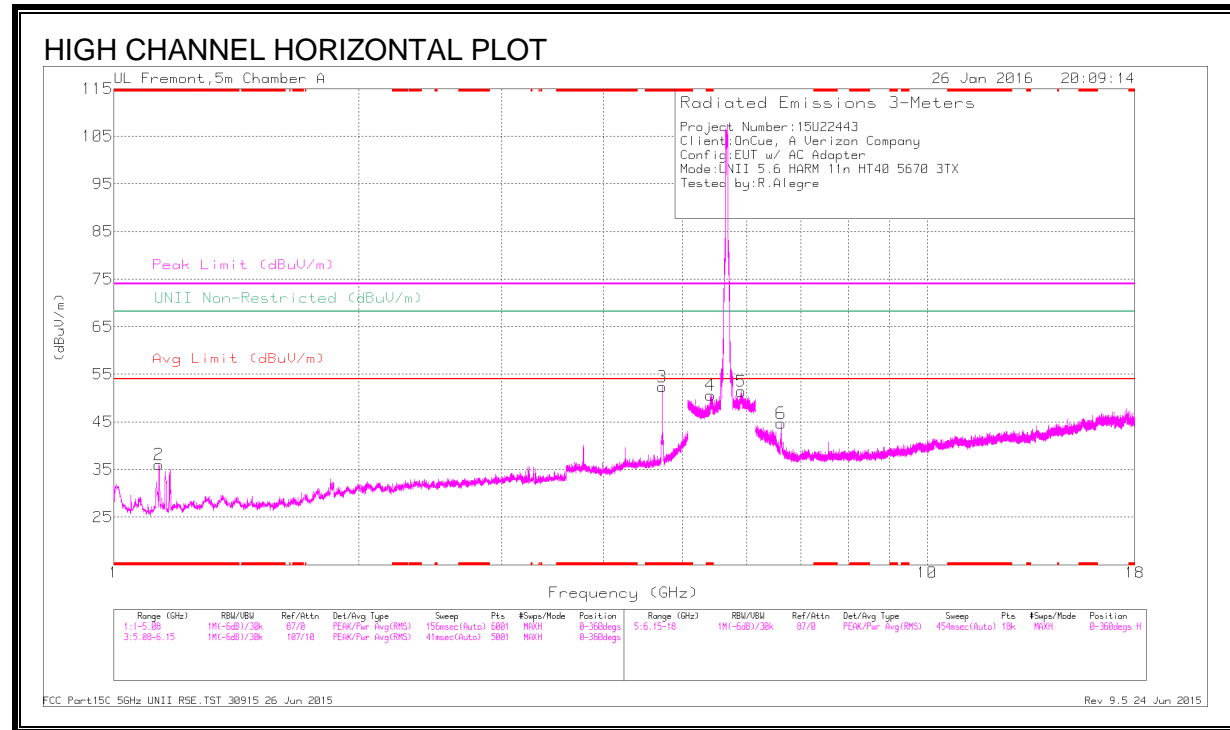
**Radiated Emissions**

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
* 4.625	49.31	PK-U	34	-29.9	0	53.41	-	-	74	-20.59	-	-	292	100	H
* 4.625	44.38	ADR	34	-29.9	0	48.48	54	-5.52	-	-	-	-	292	100	H
* 7.4	40.58	PK-U	35.6	-26	0	50.18	-	-	74	-23.82	-	-	313	101	H
* 7.4	33.76	ADR	35.6	-26	0	43.36	54	-10.64	-	-	-	-	313	101	H
* 11.098	37.54	PK-U	37.9	-22.7	0	52.74	-	-	74	-21.26	-	-	23	234	H
* 11.097	24.84	ADR	37.9	-22.7	0	40.04	54	-13.96	-	-	-	-	23	234	H
5.318	45.31	PK-U	34.5	-20.2	0	59.61	-	-	-	-	68.2	-8.59	325	149	H
5.775	45.65	PK-U	34.9	-19.7	0	60.85	-	-	-	-	68.2	-7.35	305	100	H
10	38.02	PK-U	37	-23.7	0	51.32	-	-	-	-	68.2	-16.88	57	245	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



**DATA**

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
2	* 1.137	44.16	Pk	27.5	-35.6	0	36.06	-	-	74	-37.94	-	-	0-360	100	H
3	* 4.725	48.7	Pk	34.1	-30.4	0	52.4	-	-	74	-21.6	-	-	0-360	100	H
4	* 5.417	36.43	Pk	34.6	-20.4	0	50.63	-	-	74	-23.37	-	-	0-360	100	H
1	1.853	39.93	Pk	30.4	-35.2	0	35.13	-	-	-	-	68.2	-33.07	0-360	200	V
5	5.913	35.83	Pk	35.2	-19.6	0	51.43	-	-	-	-	68.2	-16.77	0-360	100	H
6	6.615	37.03	Pk	35.6	-27.9	0	44.73	-	-	-	-	68.2	-23.47	0-360	100	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

**Radiated Emissions**

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
* 1.137	52.98	PK-U	27.5	-35.6	0	44.88	-	-	74	-29.12	-	-	52	309	H
* 1.136	33.69	ADR	27.5	-35.6	0	25.59	54	-28.41	-	-	-	-	52	309	H
* 4.725	52.77	PK-U	34.1	-30.4	0	56.47	-	-	74	-17.53	-	-	292	100	H
* 4.725	48.86	ADR	34.1	-30.4	0	52.56	54	-1.44	-	-	-	-	292	100	H
* 5.417	46.22	PK-U	34.6	-20.4	0	60.42	-	-	74	-13.58	-	-	56	105	H
* 5.417	33.99	ADR	34.6	-20.4	0	48.19	54	-5.81	-	-	-	-	56	105	H
1.853	52.2	PK-U	30.4	-35.2	0	47.4	-	-	-	-	68.2	-20.8	27	398	V
5.913	45.26	PK-U	35.2	-19.6	0	60.86	-	-	-	-	68.2	-7.34	314	110	H
6.615	44.47	PK-U	35.6	-27.9	0	52.17	-	-	-	-	68.2	-16.03	6	104	H

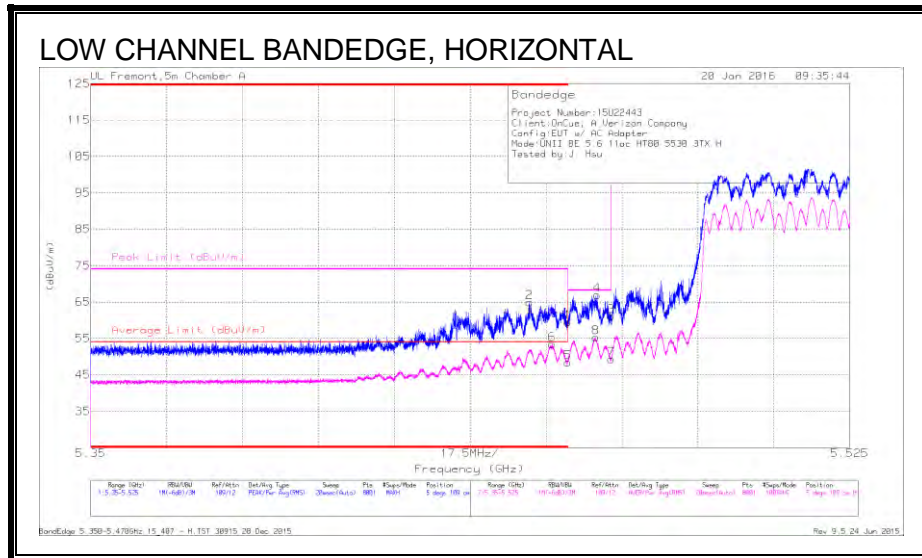
\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

### RESTRICTED BANDEDGE (LOW CHANNEL)



#### Trace Markers

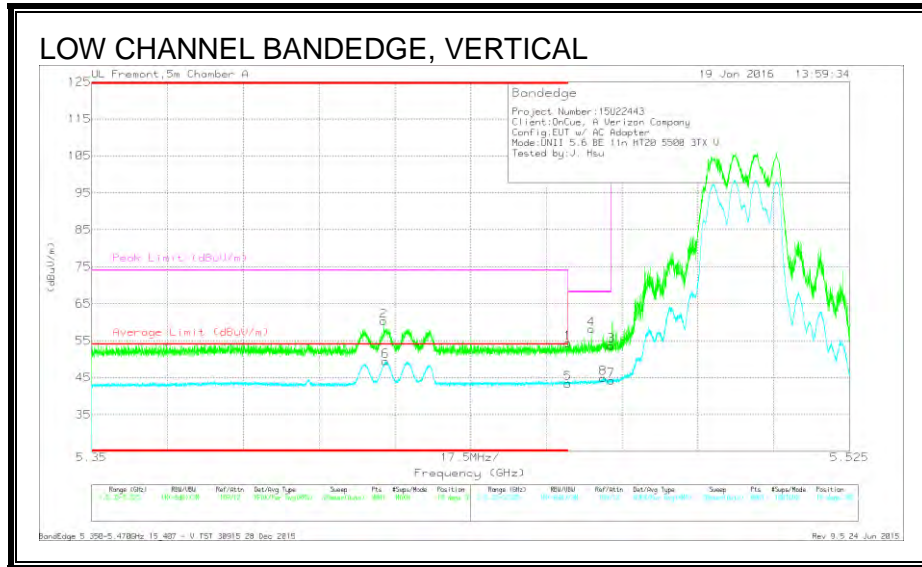
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	45.37	Pk	34.5	-20.4	0	59.47	-	-	74	-14.53	5	109	H
2	* 5.451	50.78	Pk	34.5	-20.3	0	64.98	-	-	74	-9.02	5	109	H
5	* 5.46	34.17	RMS	34.5	-20.4	.17	48.44	54	-5.56	-	-	5	109	H
6	* 5.456	39.16	RMS	34.5	-20.4	.17	53.43	54	-.57	-	-	5	109	H
8	5.466	40.86	RMS	34.5	-20.3	.17	55.23	-	-	-	-	5	109	H
4	5.467	52.68	Pk	34.5	-20.3	0	66.88	-	-	68.2	-1.32	5	109	H
3	5.47	46.85	Pk	34.5	-20.2	0	61.15	-	-	68.2	-7.05	5	109	H
7	5.47	34.85	RMS	34.5	-20.2	.17	49.32	-	-	-	-	5	109	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection





Trace Markers

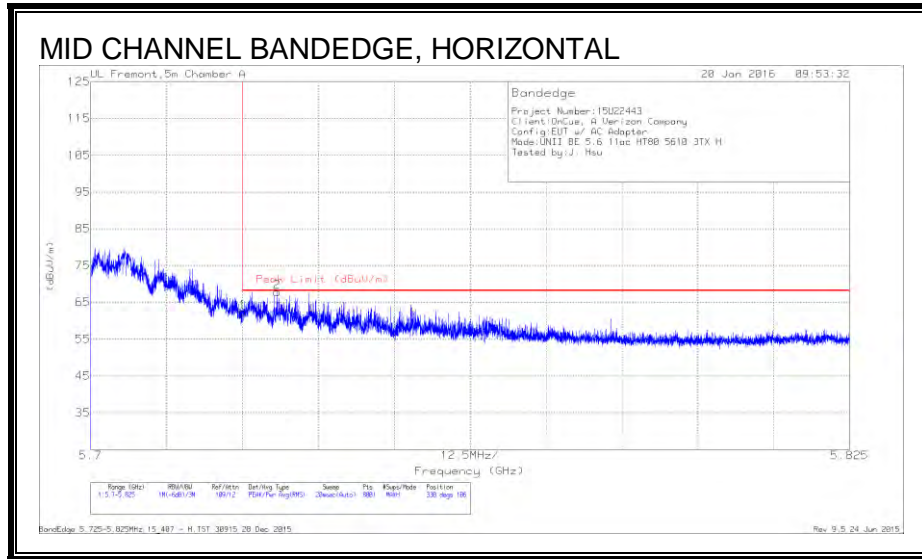
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.417	46.14	Pk	34.6	-20.4	0	60.34	-	-	74	-13.66	18	395	V
6	* 5.418	35.3	RMS	34.6	-20.4	0	49.5	54	-4.5	-	-	18	395	V
1	* 5.46	40.3	Pk	34.5	-20.4	0	54.4	-	-	74	-19.6	18	395	V
5	* 5.46	29.33	RMS	34.5	-20.4	0	43.43	54	-10.57	-	-	18	395	V
4	5.465	43.92	Pk	34.5	-20.3	0	58.12	-	-	68.2	-10.08	18	395	V
8	5.468	30.58	RMS	34.5	-20.2	0	44.88	-	-	-	-	18	395	V
3	5.47	39.36	Pk	34.5	-20.2	0	53.66	-	-	68.2	-14.54	18	395	V
7	5.47	29.96	RMS	34.5	-20.2	0	44.26	-	-	-	-	18	395	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

RMS - RMS detection

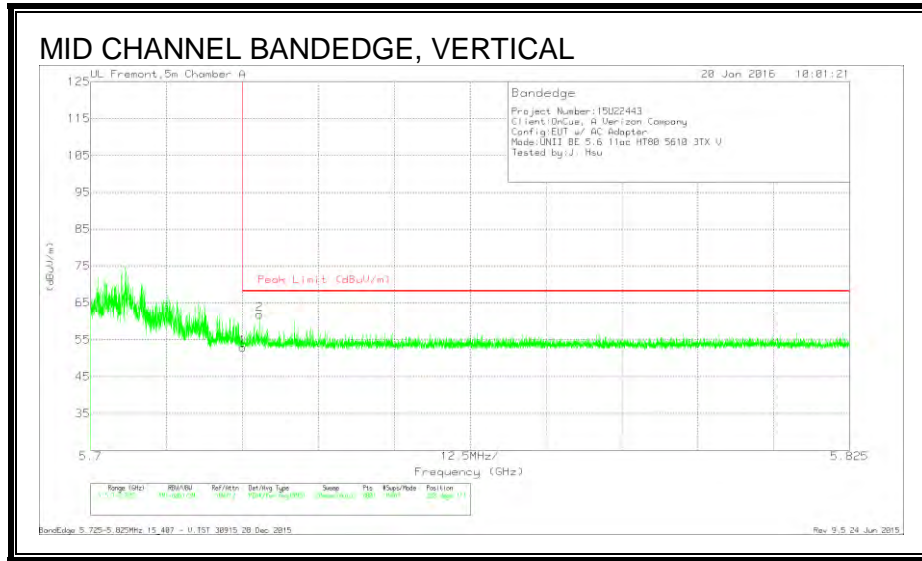
**RESTRICTED BANDEDGE (MID CHANNEL)**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	47.83	Pk	34.7	-20.1	62.43	68.2	-5.77	330	106	H
2	5.731	53.07	Pk	34.7	-20	67.77	68.2	-.43	330	106	H

Pk - Peak detector

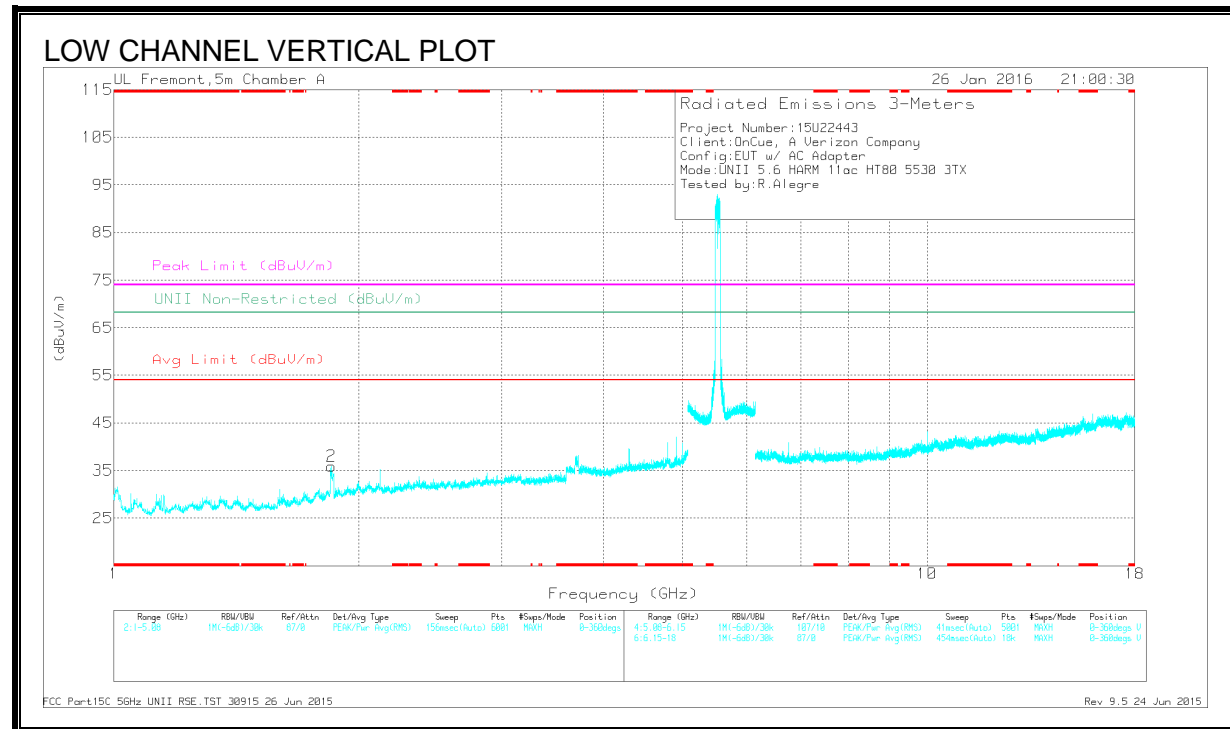
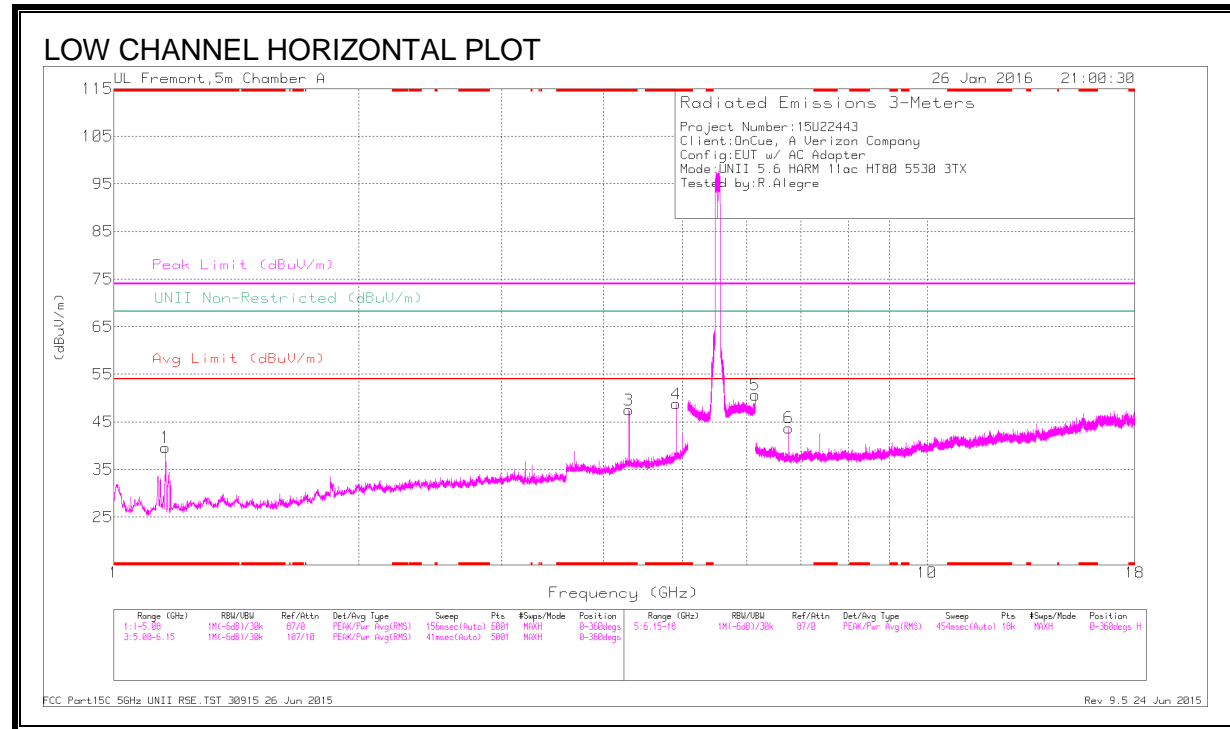


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT136 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.38	Pk	34.7	-20.1	52.98	68.2	-15.22	328	111	V
2	5.728	47.18	Pk	34.7	-20	61.88	68.2	-6.32	328	111	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

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	* 1.158	47.72	Pk	27.7	-35.8	0	39.62	-	-	74	-34.38	-	-	0-360	201	H
3	* 4.301	44.58	Pk	33.5	-30.6	0	47.48	-	-	74	-26.52	-	-	0-360	101	H
4	* 4.915	44.19	Pk	33.9	-29.3	0	48.79	-	-	74	-25.21	-	-	0-360	101	H
2	1.853	40.74	Pk	30.4	-35.2	0	35.94	-	-	-	-	68.2	-32.26	0-360	200	V
5	6.144	34.26	Pk	35.4	-19	0	50.66	-	-	-	-	68.2	-17.54	0-360	100	H
6	6.759	35.54	Pk	35.6	-27.4	0	43.74	-	-	-	-	68.2	-24.46	0-360	100	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

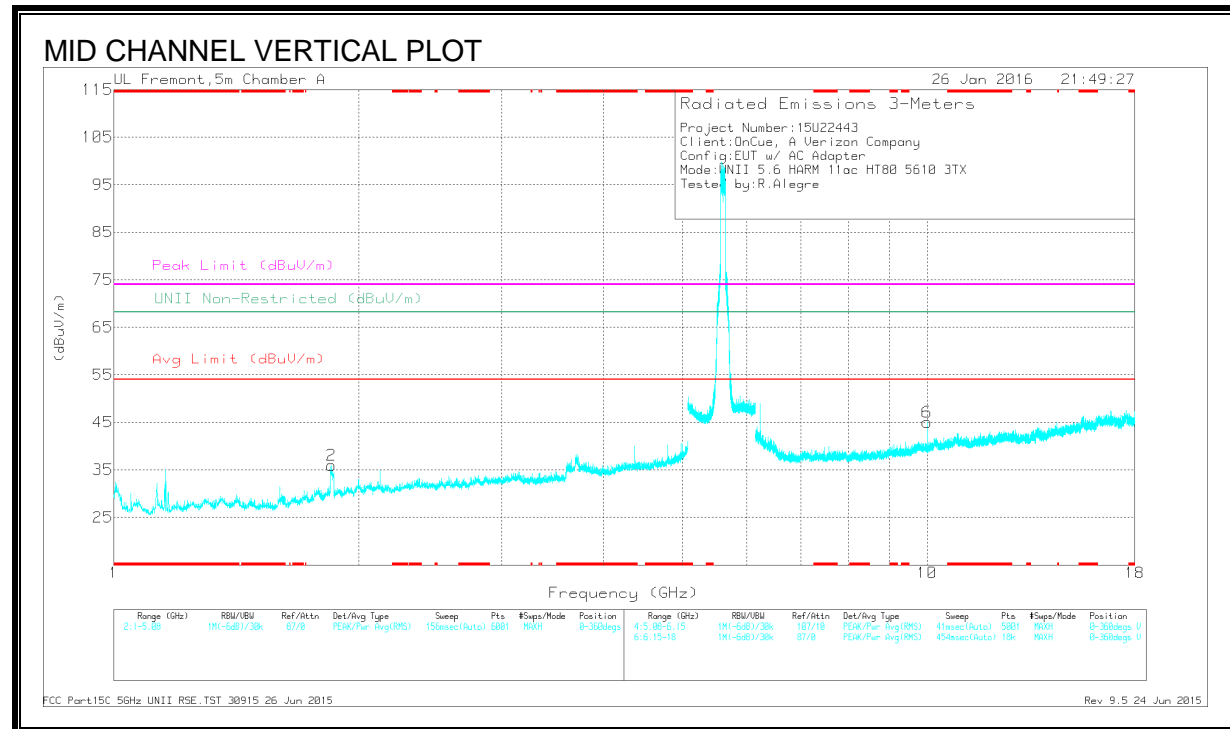
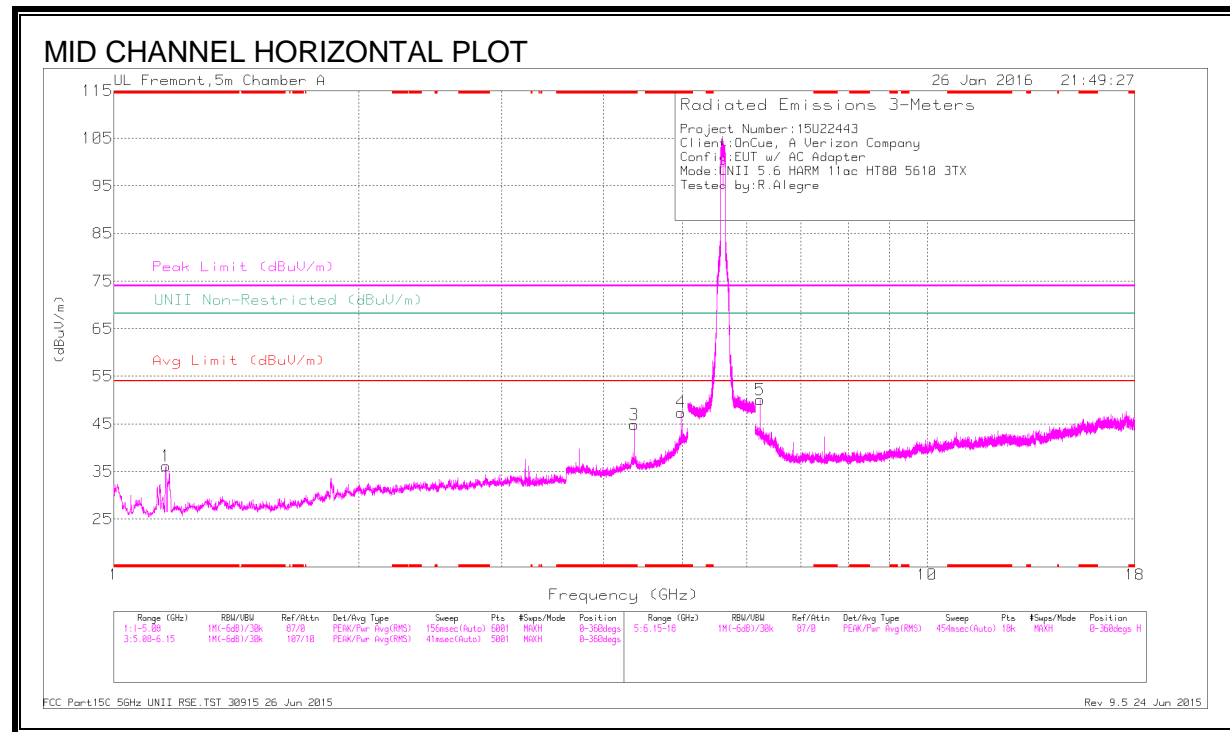
**Radiated Emissions**

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
* 1.158	53.95	PK-U	27.7	-35.8	0	45.85	-	-	74	-28.15	-	-	66	100	H
* 1.158	33.53	ADR	27.7	-35.8	.17	25.6	54	-28.4	-	-	-	-	66	100	H
* 4.301	48.55	PK-U	33.5	-30.6	0	51.45	-	-	74	-22.55	-	-	302	103	H
* 4.301	43.77	ADR	33.5	-30.6	.17	46.84	54	-7.16	-	-	-	-	302	103	H
* 4.916	48.76	PK-U	33.9	-29.3	0	53.36	-	-	74	-20.64	-	-	289	102	H
* 4.916	44.11	ADR	33.9	-29.3	.17	48.88	54	-5.12	-	-	-	-	289	102	H
1.853	53.07	PK-U	30.4	-35.2	0	48.27	-	-	-	-	68.2	-19.93	29	345	V
6.144	41.99	PK-U	35.4	-19	0	58.39	-	-	-	-	68.2	-9.81	310	282	H
6.759	42.23	PK-U	35.6	-27.4	0	50.43	-	-	-	-	68.2	-17.77	328	100	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



**DATA**

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	* 1.159	44.28	Pk	27.7	-35.8	0	36.18	-	-	74	-37.82	-	-	0-360	100	H
3	* 4.363	42.85	Pk	33.6	-31.6	0	44.85	-	-	74	-29.15	-	-	0-360	100	H
4	* 4.986	42.43	Pk	34	-29	0	47.43	-	-	74	-26.57	-	-	0-360	100	H
2	1.853	40.76	Pk	30.4	-35.2	0	35.96	-	-	-	-	68.2	-32.24	0-360	200	V
5	6.234	42.5	Pk	35.5	-27.9	0	50.1	-	-	-	-	68.2	-18.1	0-360	101	H
6	10	31.75	Pk	37	-23.7	0	45.05	-	-	-	-	68.2	-23.15	0-360	200	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

**Radiated Emissions**

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
* 1.16	53.3	PK-U	27.7	-35.8	0	45.2	-	-	74	-28.8	-	-	70	155	H
* 1.158	32.86	ADR	27.7	-35.8	.17	24.93	54	-29.07	-	-	-	-	70	155	H
* 4.363	47.93	PK-U	33.6	-31.6	0	49.93	-	-	74	-24.07	-	-	313	174	H
* 4.363	42.07	ADR	33.6	-31.6	.17	44.24	54	-9.76	-	-	-	-	313	174	H
* 4.987	49.26	PK-U	34	-29	0	54.26	-	-	74	-19.74	-	-	329	120	H
* 4.987	40.73	ADR	34	-29	.17	45.9	54	-8.1	-	-	-	-	329	120	H
1.853	52.32	PK-U	30.4	-35.2	0	47.52	-	-	-	-	68.2	-20.68	32	382	V
6.233	49.75	PK-U	35.5	-27.9	0	57.35	-	-	-	-	68.2	-10.85	308	101	H
10	36.98	PK-U	37	-23.7	0	50.28	-	-	-	-	68.2	-17.92	48	240	V

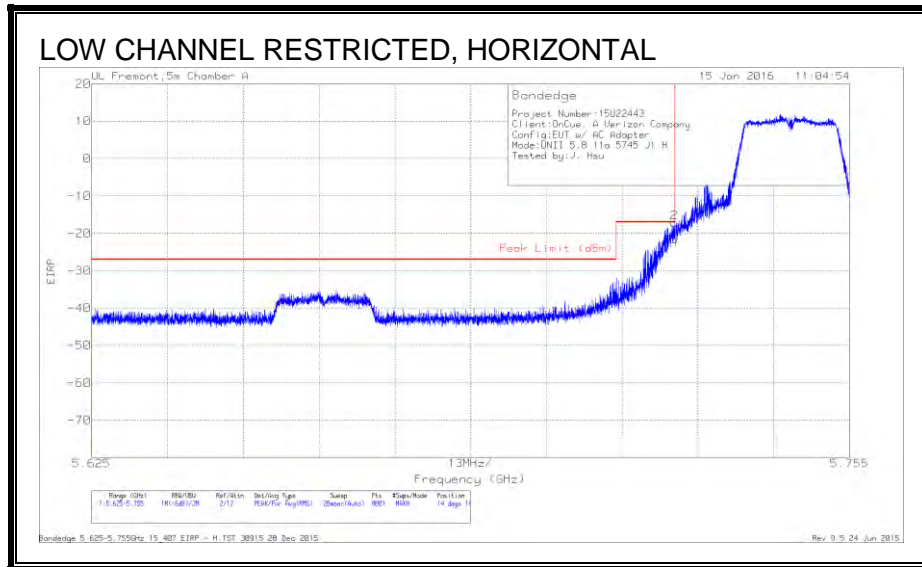
\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## 10.20. TX ABOVE 1 GHz 802.11a LEGACY MODE IN THE 5.8 GHz BAND

### RESTRICTED BANDEDGE (LOW CHANNEL)

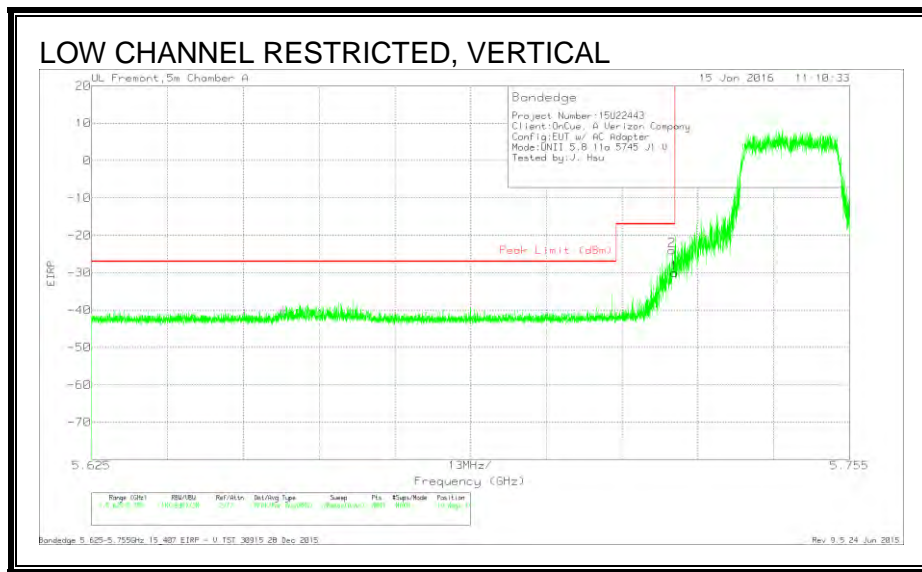


### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-47.92	Pk	34.7	-20.1	11.8	-21.52	-17	-4.52	14	145	H
2	5.725	-43.55	Pk	34.7	-20.1	11.8	-17.15	-17	-1.15	14	145	H

Pk - Peak detector



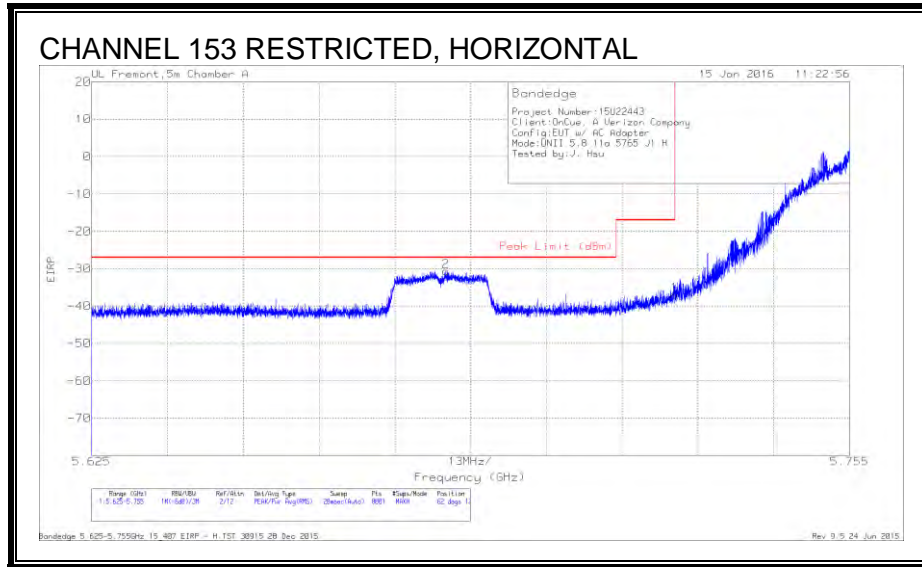


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-56.44	Pk	34.7	-20.1	11.8	-30.04	-17	-13.04	14	145	V
2	5.725	-50.38	Pk	34.7	-20.1	11.8	-23.98	-17	-6.98	14	145	V

Pk - Peak detector

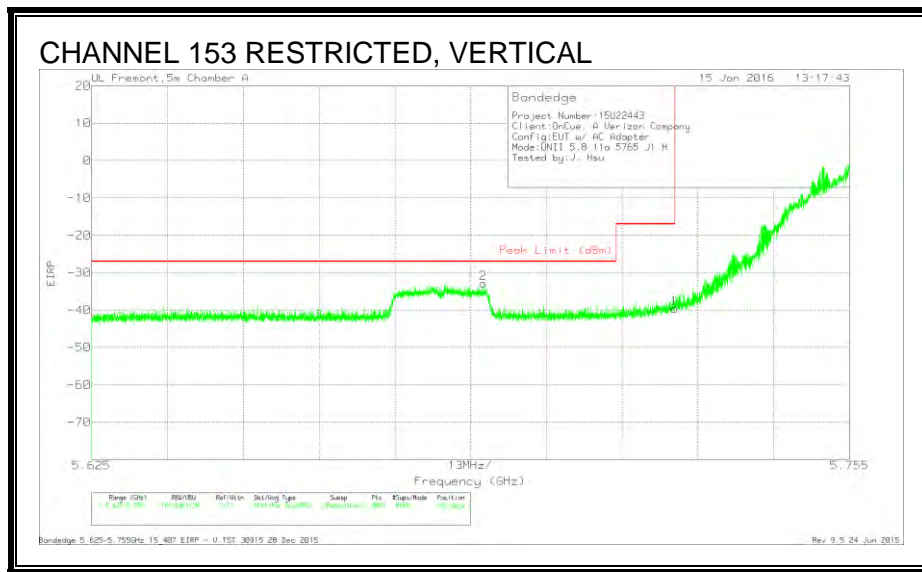
**RESTRICTED BANDEDGE (CHANNEL 153)**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.686	-56.76	Pk	34.6	-20.3	11.8	-30.66	-27	-3.66	62	125	H
1	5.725	-63.35	Pk	34.7	-20.1	11.8	-36.95	-17	-19.95	62	125	H

Pk - Peak detector



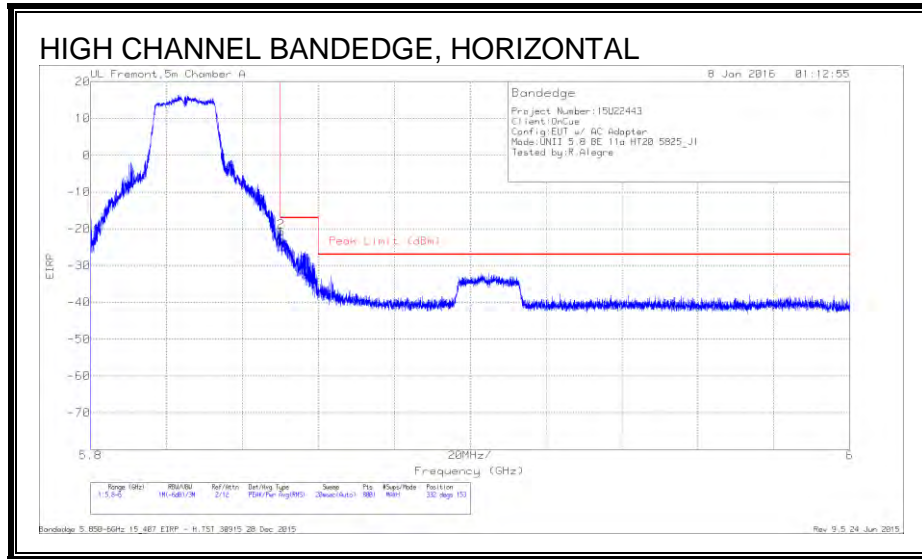
Trace Markers

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.692	-59.02	Pk	34.6	-20.2	11.8	-32.82	-27	-5.82	102	290	V
1	5.725	-65.94	Pk	34.7	-20.1	11.8	-39.54	-17	-22.54	102	290	V

Pk - Peak detector

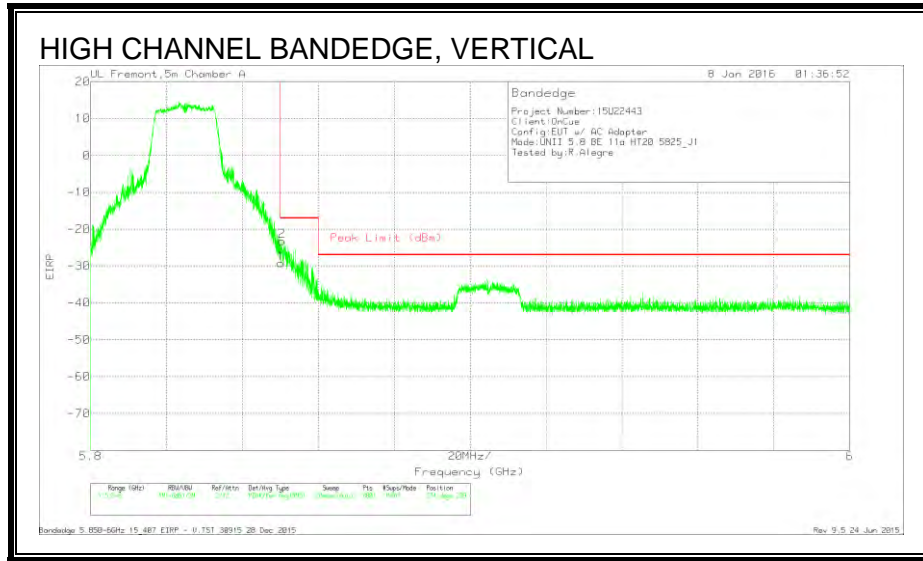
**AUTHORIZED BANDEGE (HIGH CHANNEL)**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-50.06	Pk	35.1	-19.7	11.8	-22.86	-17	-5.86	332	153	H
2	5.85	-47.92	Pk	35.1	-19.7	11.8	-20.72	-17	-3.72	332	153	H

Pk - Peak detector

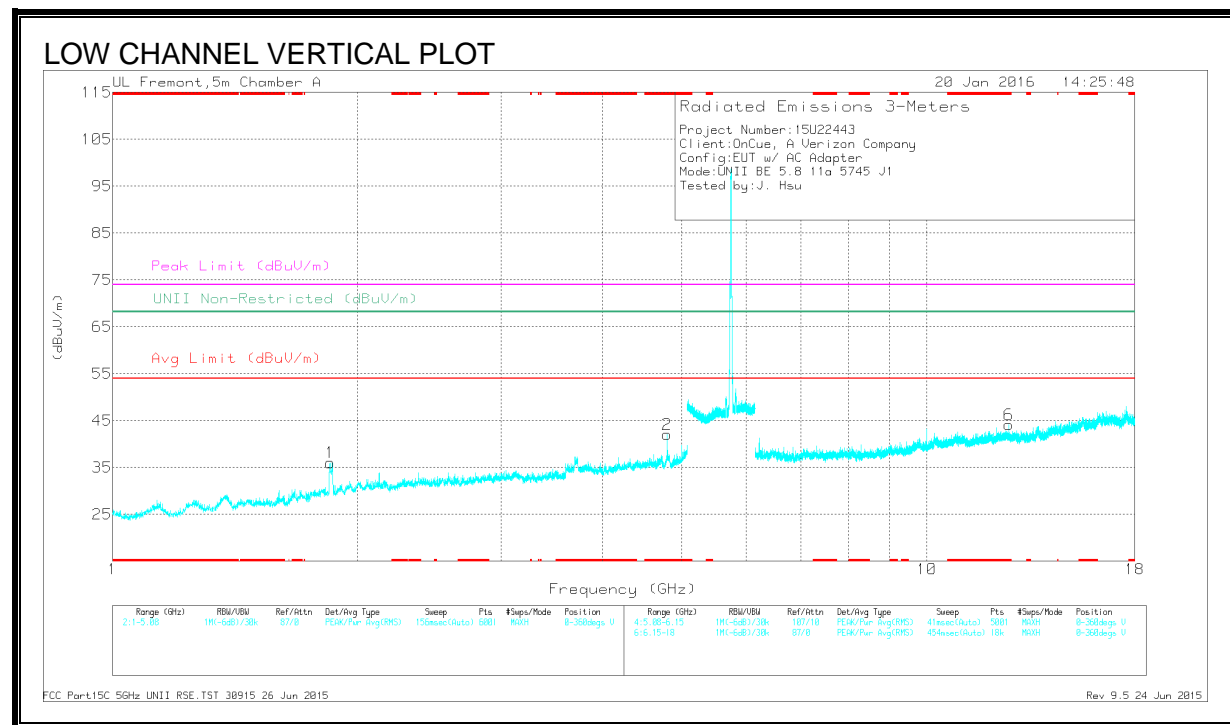
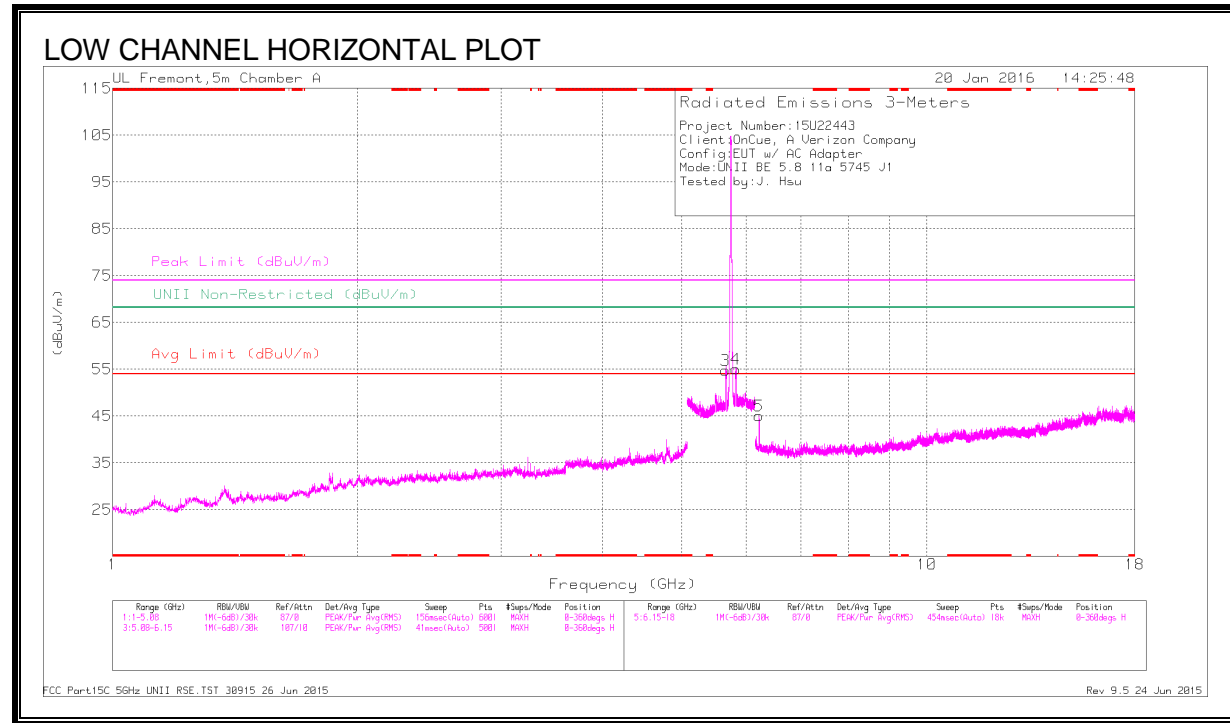


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-56.39	Pk	35.1	-19.7	11.8	-29.19	-17	-12.19	274	289	V
2	5.85	-50.39	Pk	35.1	-19.7	11.8	-23.19	-17	-6.19	274	289	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.8	38.08	Pk	34	-30	0	42.08	-	-	74	-31.92	-	-	0-360	100	V
6	* 12.61	27.69	Pk	39.2	-22.7	0	44.19	-	-	74	-29.81	-	-	0-360	100	V
1	1.849	40.83	Pk	30.4	-35.2	0	36.03	-	-	-	-	68.2	-32.17	0-360	200	V
3	5.66	40.61	Pk	34.6	-20.4	0	54.81	-	-	-	-	68.2	-13.39	0-360	100	H
4	5.827	39.78	Pk	35	-19.7	0	55.08	-	-	-	-	68.2	-13.12	0-360	100	H
5	6.221	37.55	Pk	35.5	-28	0	45.05	-	-	-	-	68.2	-23.15	0-360	100	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

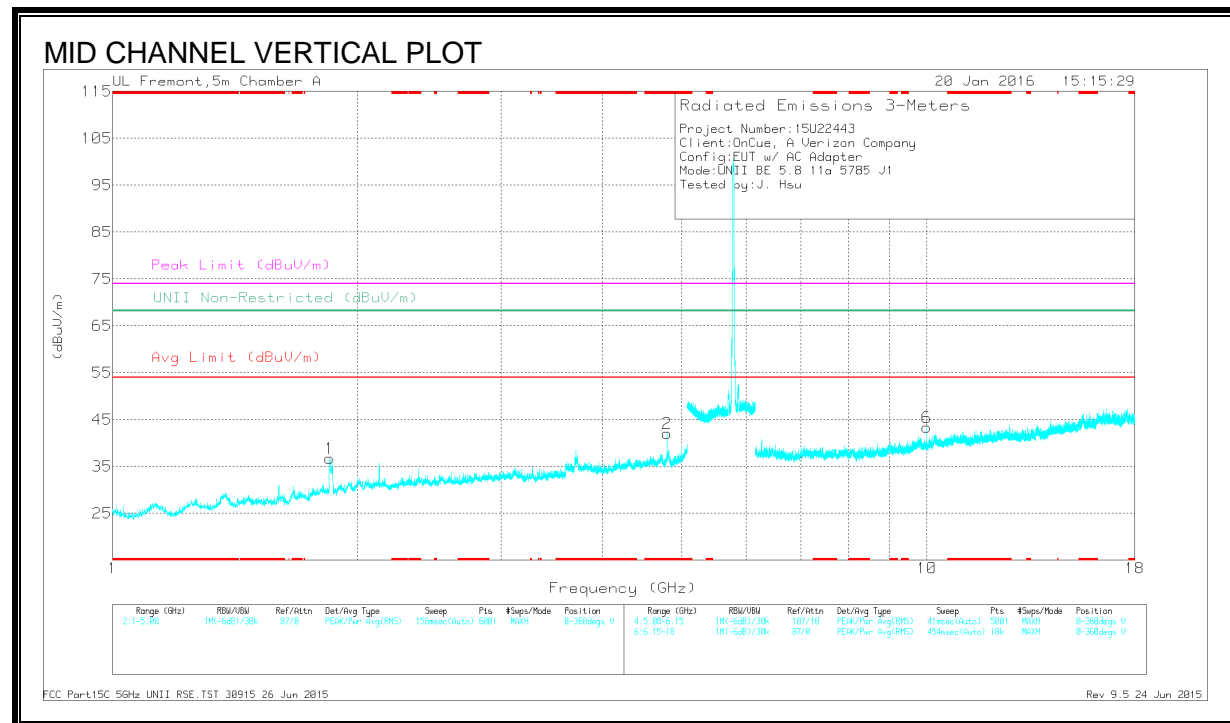
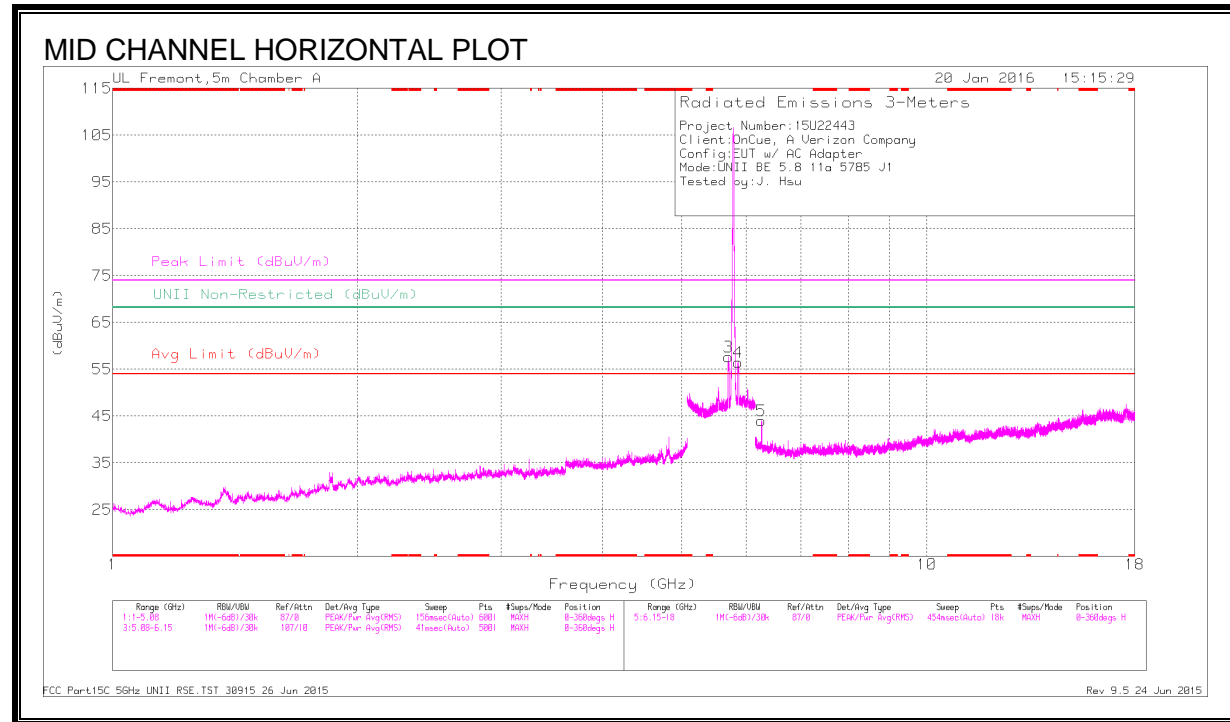
**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.8	43.51	PK-U	34	-30	0	47.51	-	-	74	-26.49	-	-	304	109	V
* 4.8	34.21	ADR	34	-30	0	38.21	54	-15.79	-	-	-	-	304	109	V
* 12.609	33.77	PK-U	39.2	-22.7	0	50.27	-	-	74	-23.73	-	-	323	132	V
* 12.611	22.7	ADR	39.2	-22.7	0	39.2	54	-14.8	-	-	-	-	323	132	V
1.861	51.63	PK-U	30.5	-35.3	0	46.83	-	-	-	-	68.2	-21.37	15	333	V
5.661	47.88	PK-U	34.6	-20.4	0	62.08	-	-	-	-	68.2	-6.12	323	132	H
5.829	48.91	PK-U	35	-19.7	0	64.21	-	-	-	-	68.2	-3.99	53	129	H
6.221	45.06	PK-U	35.5	-28	0	52.56	-	-	-	-	68.2	-15.64	323	132	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average





**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.8	38.06	Pk	34	-30	0	42.06	-	-	74	-31.94	-	-	0-360	100	V
1	1.849	41.52	Pk	30.4	-35.2	0	36.72	-	-	-	-	68.2	-31.48	0-360	200	V
3	5.707	43.08	Pk	34.7	-20.1	0	57.68	-	-	-	-	68.2	-10.52	0-360	100	H
4	5.866	41.2	Pk	35.1	-19.8	0	56.5	-	-	-	-	68.2	-11.7	0-360	100	H
5	6.259	36.5	Pk	35.5	-28	0	44	-	-	-	-	68.2	-24.2	0-360	100	H
6	10	30.01	Pk	37	-23.7	0	43.31	-	-	-	-	68.2	-24.89	0-360	200	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

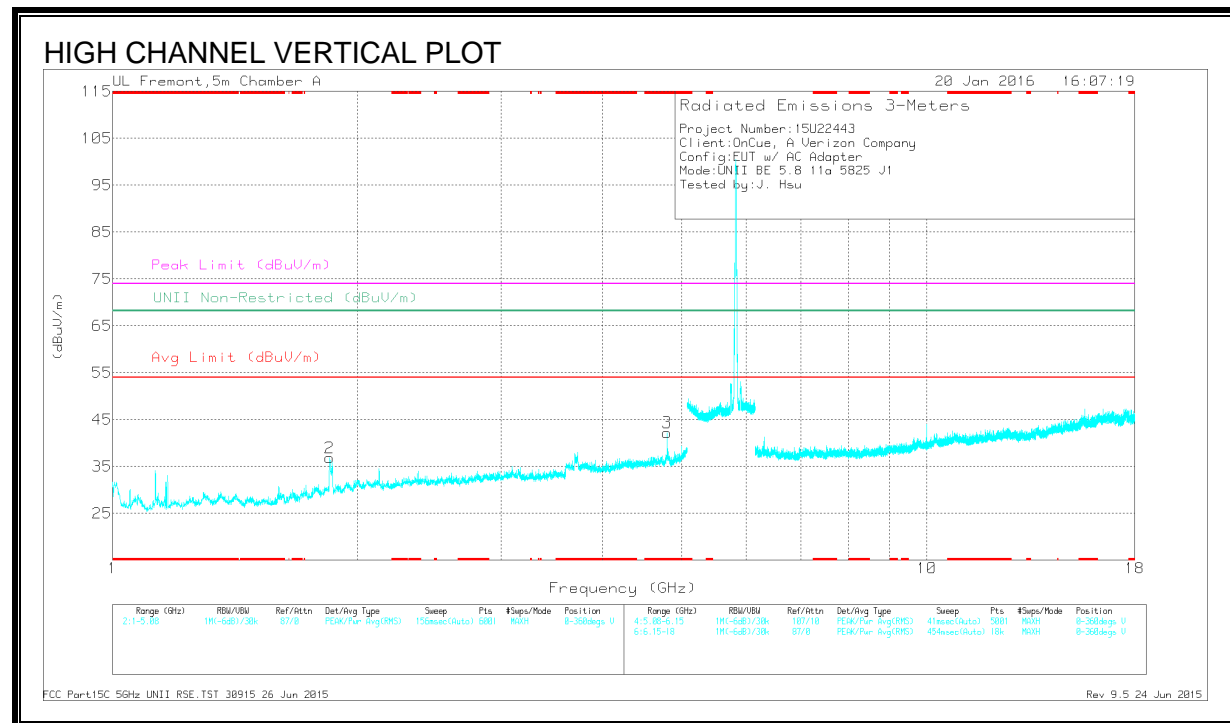
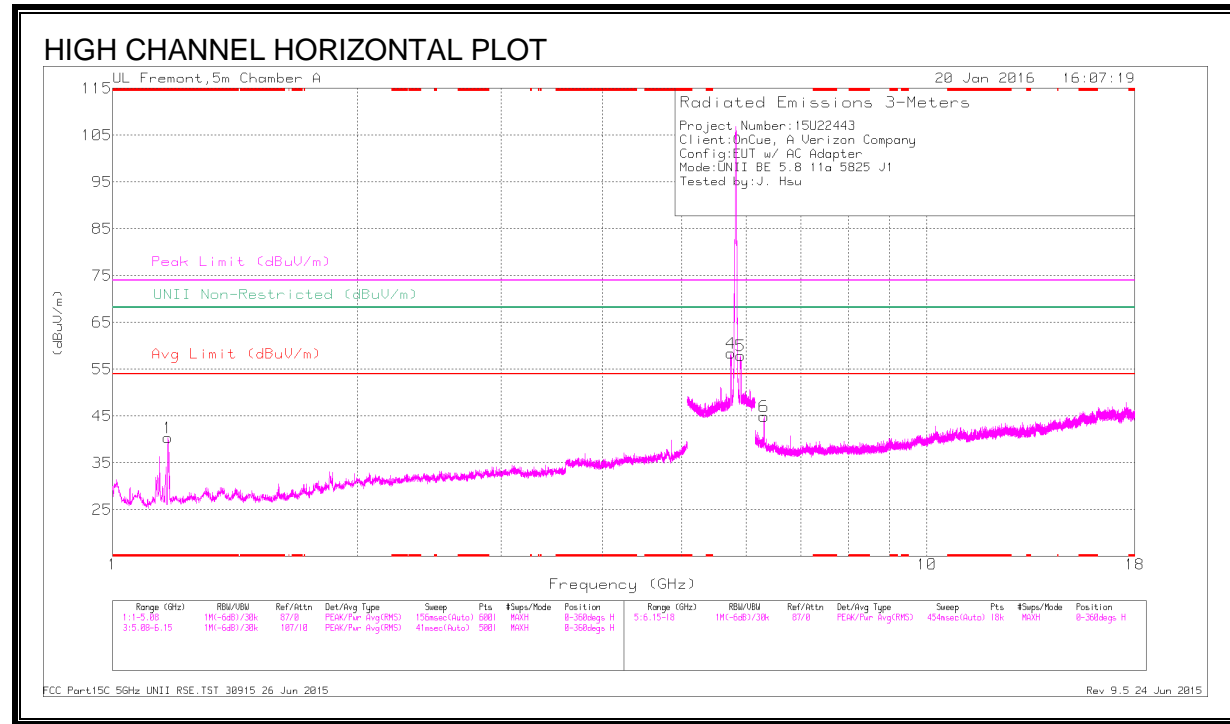
**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.8	43.53	PK-U	34	-30	0	47.53	-	-	74	-26.47	-	-	302	108	V
* 4.8	34.44	ADR	34	-30	0	38.44	54	-15.56	-	-	-	-	302	108	V
1.849	48.81	PK-U	30.4	-35.2	0	44.01	-	-	-	-	68.2	-24.19	360	100	V
5.706	51.8	PK-U	34.7	-20.1	0	66.4	-	-	-	-	68.2	-1.8	59	104	H
5.867	49.39	PK-U	35.1	-19.7	0	64.79	-	-	-	-	68.2	-3.41	51	123	H
6.26	45.26	PK-U	35.5	-28.1	0	52.66	-	-	-	-	68.2	-15.54	321	108	H
10	34.67	PK-U	37	-23.7	0	47.97	-	-	-	-	68.2	-20.23	321	108	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/ 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	* 1.17	48.59	Pk	27.8	-36	0	40.39	-	-	74	-33.61	-	-	0-360	100	H
3	* 4.8	38.26	Pk	34	-30	0	42.26	-	-	74	-31.74	-	-	0-360	100	V
2	1.849	41.65	Pk	30.4	-35.2	0	36.85	-	-	-	-	68.2	-31.35	0-360	200	V
4	5.746	43.51	Pk	34.8	-19.9	0	58.41	-	-	-	-	68.2	-9.79	0-360	100	H
5	5.908	42.3	Pk	35.2	-19.6	0	57.9	-	-	-	-	68.2	-10.3	0-360	100	H
6	6.31	37.19	Pk	35.5	-27.8	0	44.89	-	-	-	-	68.2	-23.31	0-360	100	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/ 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
* 1.169	55.85	PK-U	27.8	-36	0	47.65	-	-	74	-26.35	-	-	48	275	H
* 1.172	34.65	ADR	27.8	-36	0	26.45	54	-27.55	-	-	-	-	48	275	H
* 4.8	44.43	PK-U	34	-30	0	48.43	-	-	74	-25.57	-	-	302	110	V
* 4.8	35.17	ADR	34	-30	0	39.17	54	-14.83	-	-	-	-	302	110	V
1.849	50.38	PK-U	30.4	-35.2	0	45.58	-	-	-	-	68.2	-22.62	48	275	V
5.748	51.91	PK-U	34.8	-19.9	0	66.81	-	-	-	-	68.2	-1.39	56	122	H
5.908	49.88	PK-U	35.2	-19.6	0	65.48	-	-	-	-	68.2	-2.72	56	122	H
6.311	45.34	PK-U	35.5	-27.9	0	52.94	-	-	-	-	68.2	-15.26	320	119	H

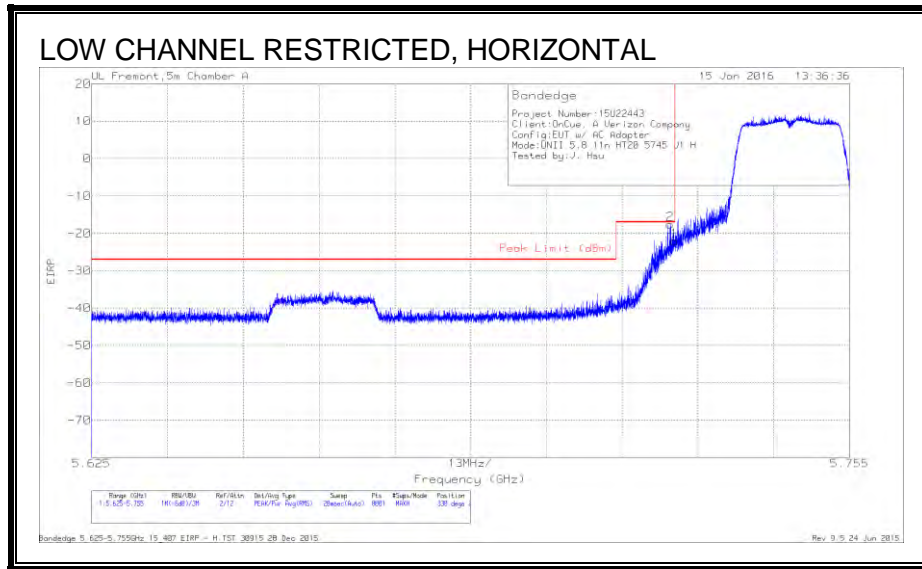
\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## 10.21. TX ABOVE 1 GHz 802.11n HT20 CDD 1TX MODE IN THE 5.8 GHz BAND

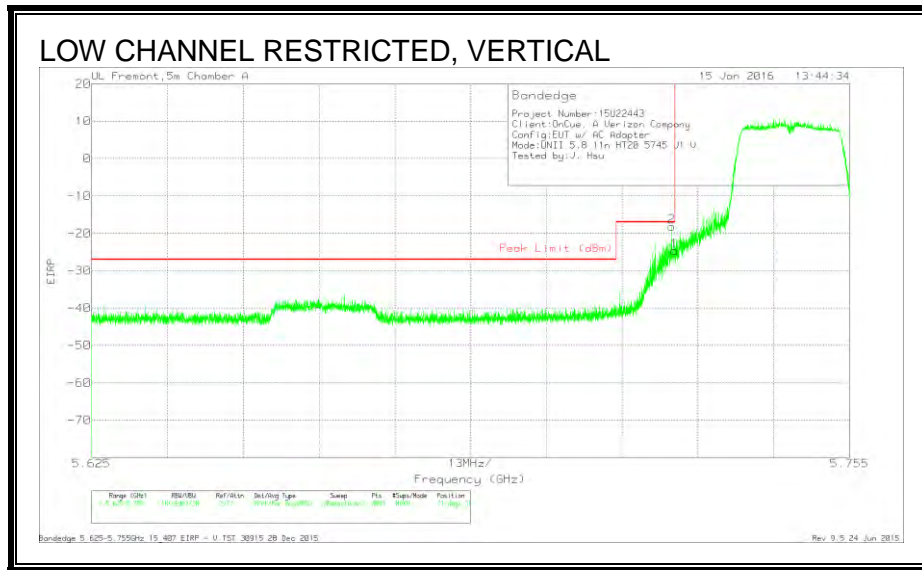
### RESTRICTED BANDEDGE (LOW CHANNEL)



### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.724	-43.98	Pk	34.7	-20.1	11.8	-17.58	-17	-.58	330	251	H
1	5.725	-48.41	Pk	34.7	-20.1	11.8	-22.01	-17	-5.01	330	251	H

Pk - Peak detector

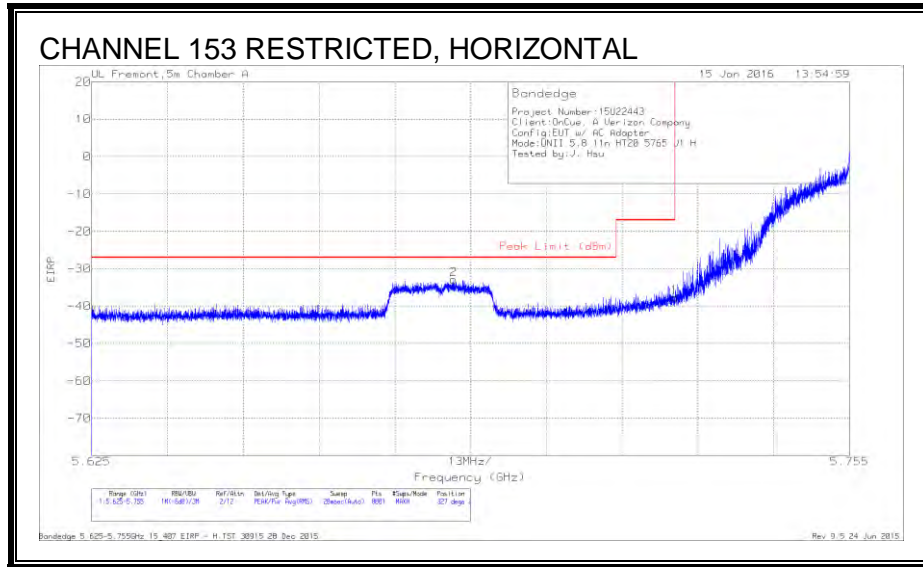


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.724	-44.6	Pk	34.7	-20.1	11.8	-18.2	-17	-1.2	71	318	V
1	5.725	-51.02	Pk	34.7	-20.1	11.8	-24.62	-17	-7.62	71	318	V

Pk - Peak detector

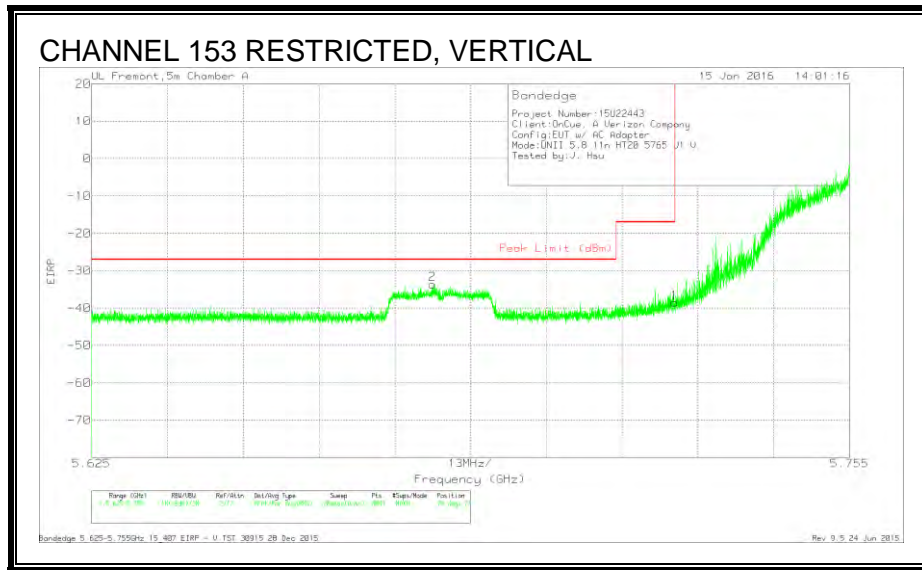
**RESTRICTED BANDEDGE (CHANNEL 153)**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.687	-58.99	Pk	34.6	-20.3	11.8	-32.89	-27	-5.89	327	290	H
1	5.725	-64.02	Pk	34.7	-20.1	11.8	-37.62	-17	-20.62	327	290	H

Pk - Peak detector

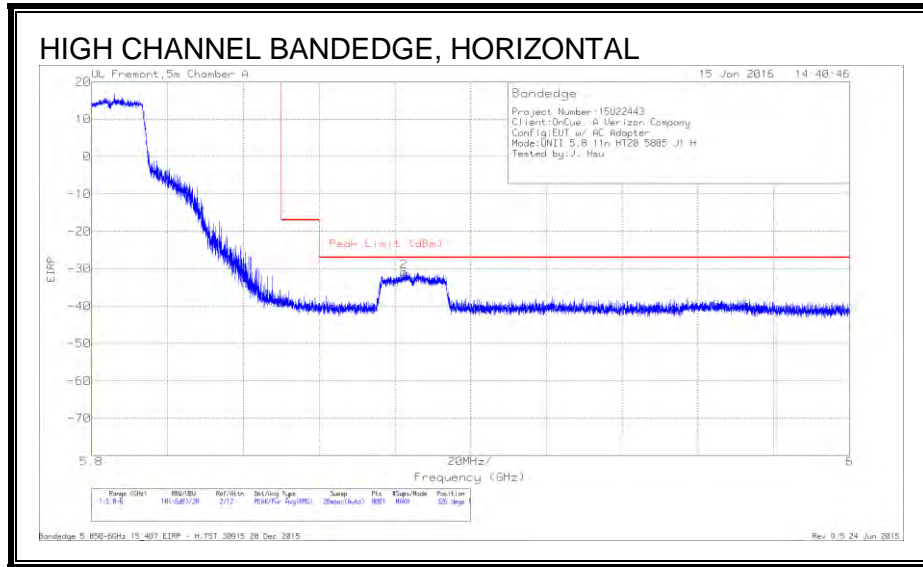


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.683	-59.73	Pk	34.6	-20.3	11.8	-33.63	-27	-6.63	76	263	V
1	5.725	-64.95	Pk	34.7	-20.1	11.8	-38.55	-17	-21.55	76	263	V

Pk - Peak detector

**AUTHORIZED BANDEGE (CHANNEL 161)**

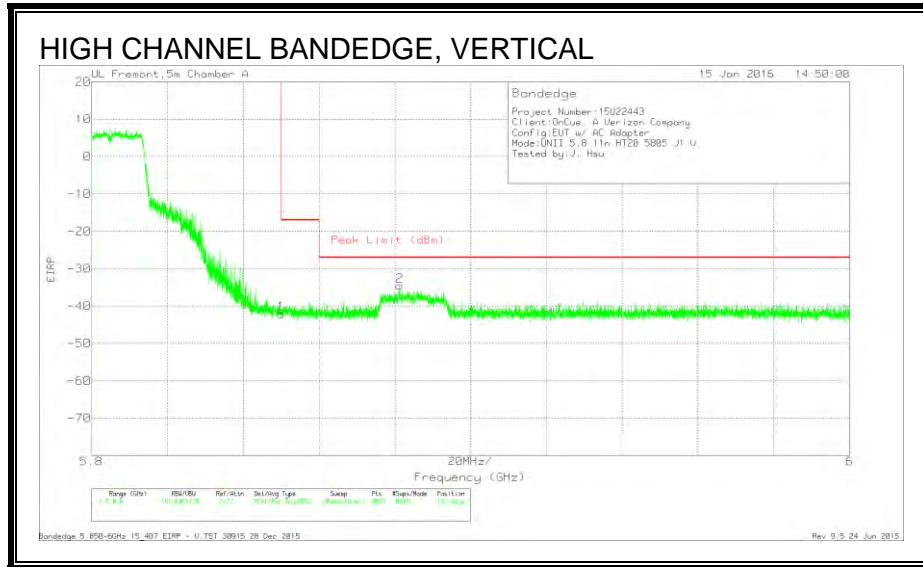


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.28	Pk	35.1	-19.7	11.8	-39.08	-17	-22.08	326	124	H
2	5.882	-58	Pk	35.1	-19.7	11.8	-30.8	-27	-3.8	326	124	H

Pk - Peak detector



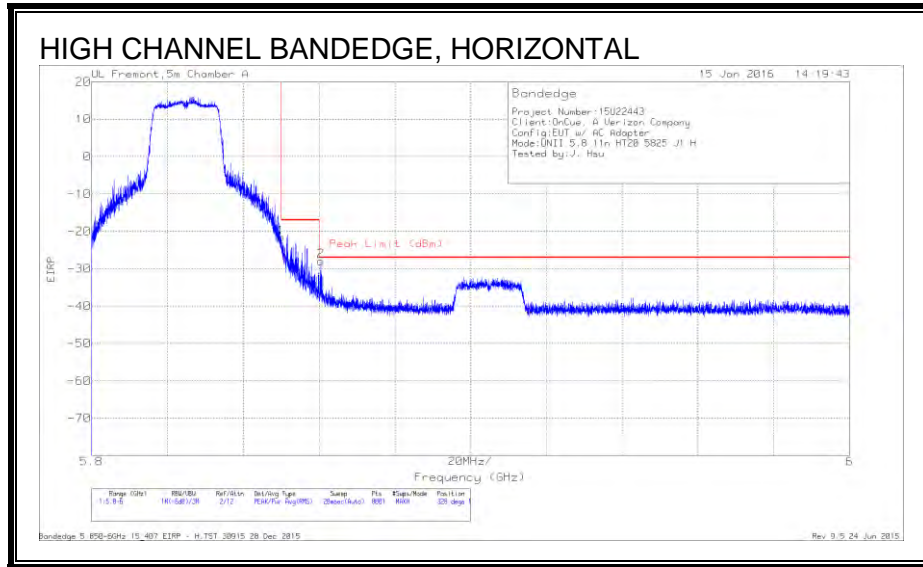


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-69.31	Pk	35.1	-19.7	11.8	-42.11	-17	-25.11	152	351	V
2	5.881	-61.75	Pk	35.1	-19.7	11.8	-34.55	-27	-7.55	152	351	V

Pk - Peak detector

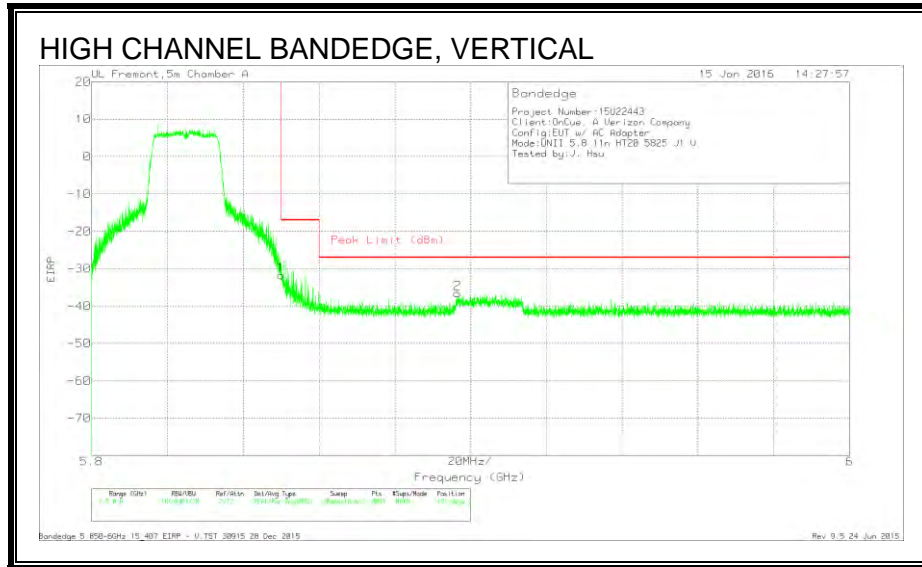
**AUTHORIZED BANDEGE (HIGH CHANNEL)**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-48.82	Pk	35.1	-19.7	11.8	-21.62	-17	-4.62	328	126	H
2	5.861	-55.06	Pk	35.1	-19.8	11.8	-27.96	-27	-.96	328	126	H

Pk - Peak detector

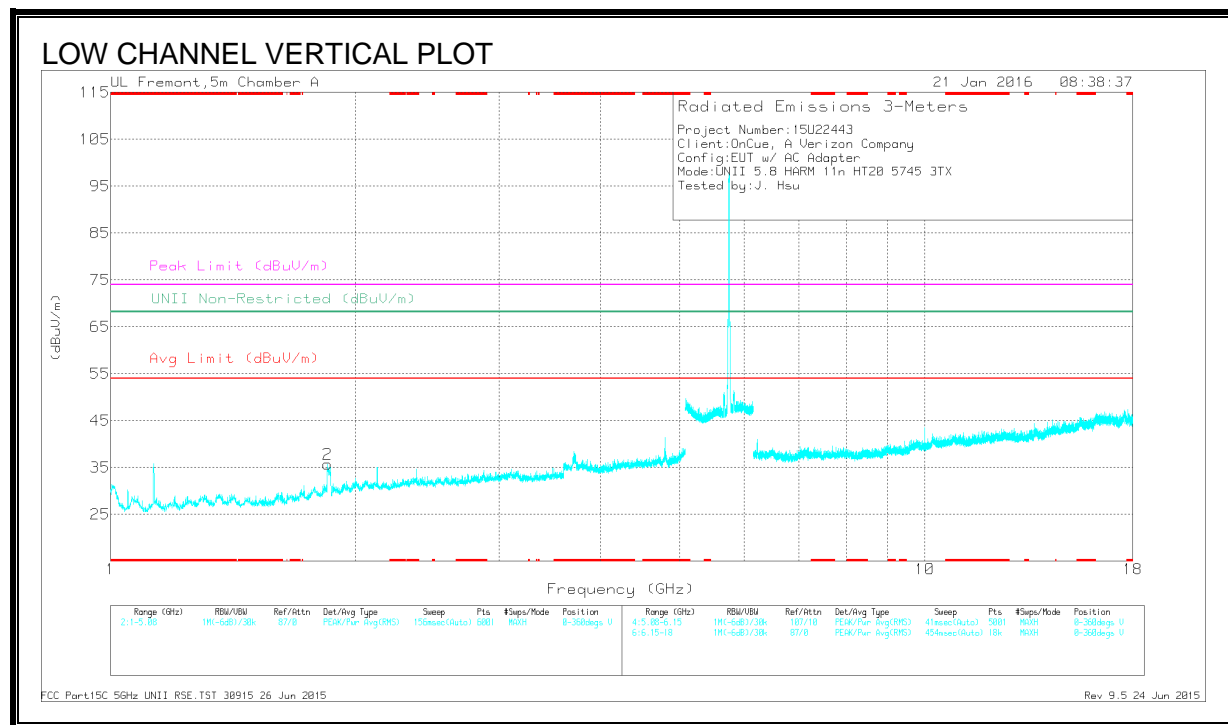
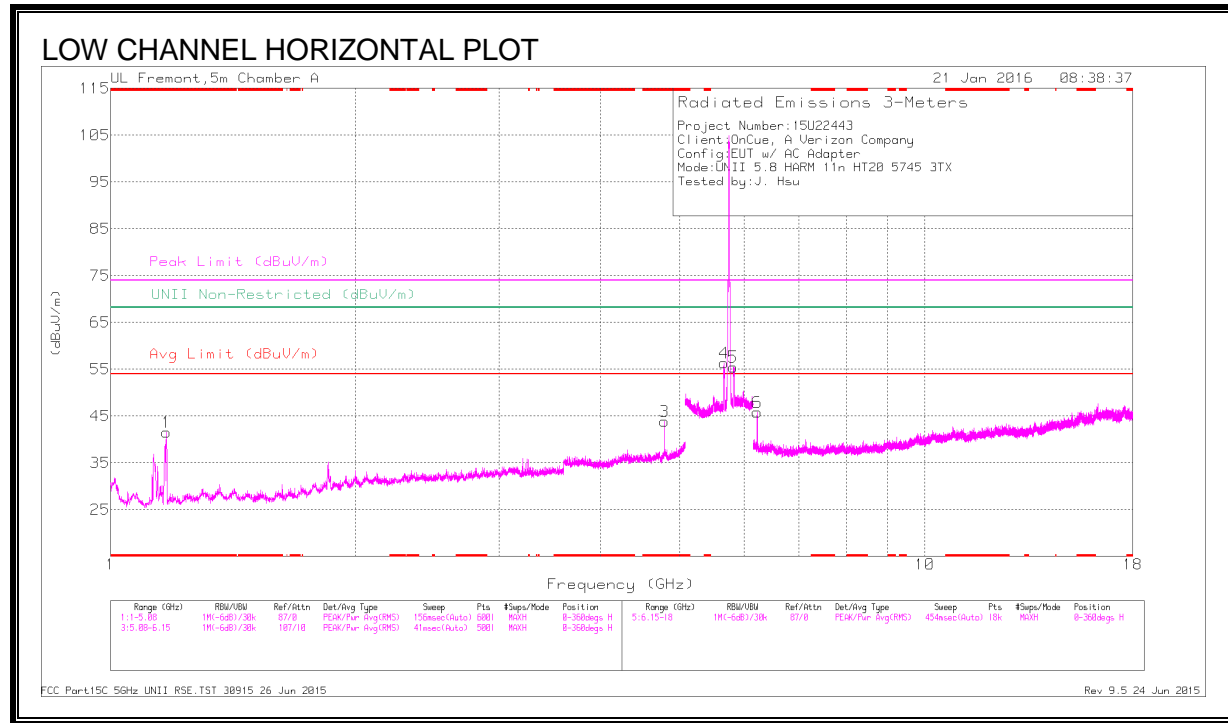


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58.92	Pk	35.1	-19.7	11.8	-31.72	-17	-14.72	191	298	V
2	5.897	-63.85	Pk	35.2	-19.7	11.8	-36.55	-27	-9.55	191	298	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.172	49.79	Pk	27.8	-36	0	41.59	-	-	74	-32.41	-	-	0-360	100	H
3	* 4.788	39.83	Pk	34	-30	0	43.83	-	-	74	-30.17	-	-	0-360	100	H
2	1.846	40.43	Pk	30.4	-35.1	0	35.73	-	-	-	-	68.2	-32.47	0-360	200	V
4	5.664	42.16	Pk	34.6	-20.4	0	56.36	-	-	-	-	68.2	-11.84	0-360	100	H
5	5.818	40.3	Pk	35	-19.8	0	55.5	-	-	-	-	68.2	-12.7	0-360	100	H
6	6.224	38.37	Pk	35.5	-28	0	45.87	-	-	-	-	68.2	-22.33	0-360	100	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

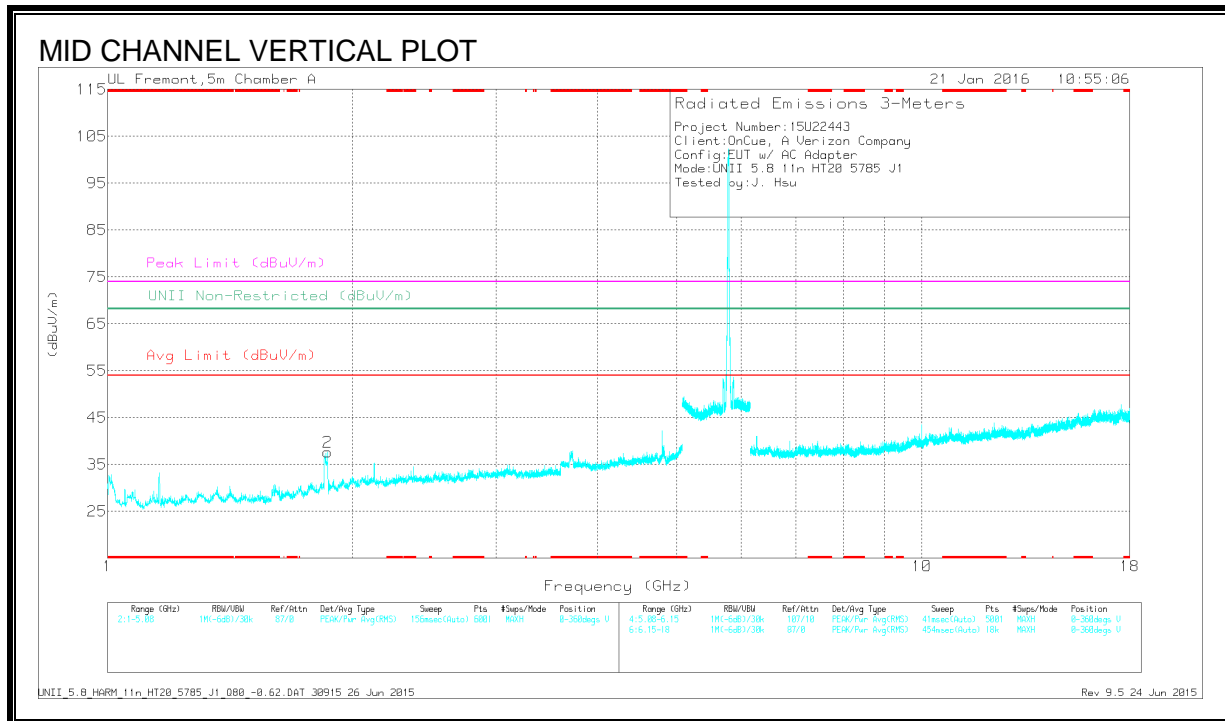
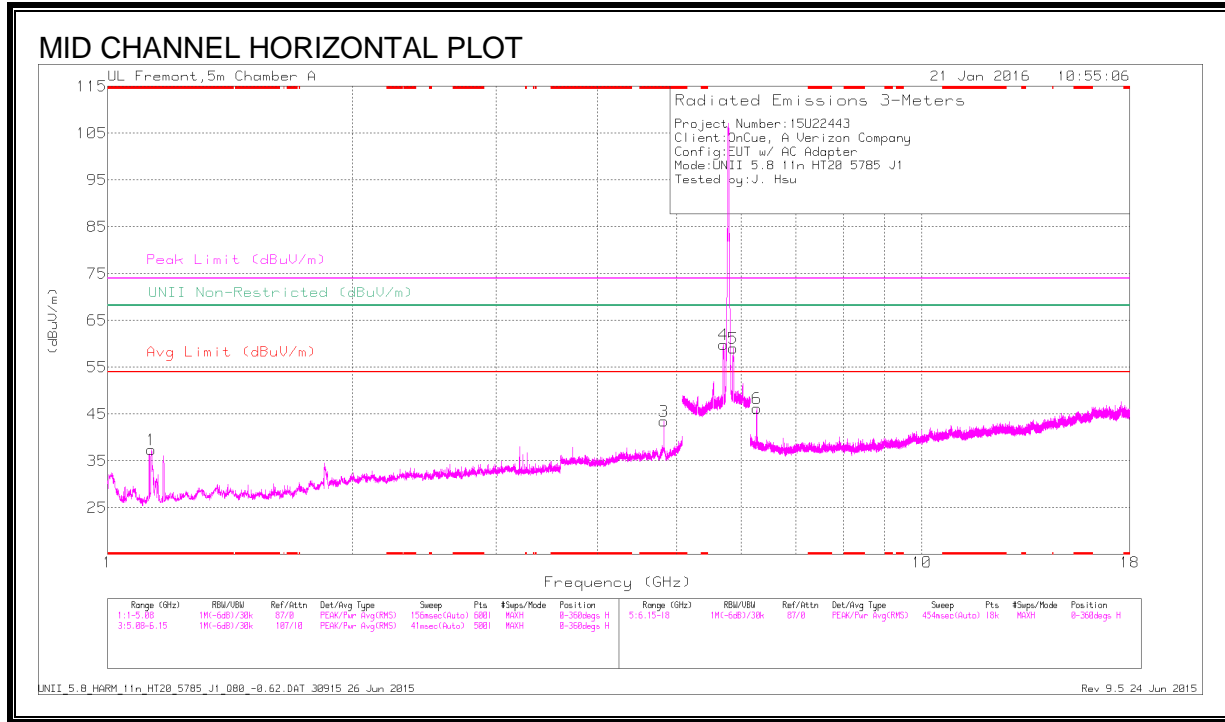
**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.172	54.7	PK-U	27.8	-36	0	46.5	-	-	74	-27.5	-	-	0	100	H
* 1.171	34.07	ADR	27.8	-36	0	25.87	54	-28.13	-	-	-	-	0	100	H
* 4.787	44.3	PK-U	34	-30	0	48.3	-	-	74	-25.7	-	-	297	150	H
* 4.787	37.01	ADR	34	-30	0	41.01	54	-12.99	-	-	-	-	297	150	H
1.846	45.19	PK-U	30.4	-35.1	0	40.49	-	-	-	-	68.2	-27.71	297	150	V
5.664	45.83	PK-U	34.6	-20.4	0	60.03	-	-	-	-	68.2	-8.17	297	150	H
5.82	47.74	PK-U	35	-19.8	0	62.94	-	-	-	-	68.2	-5.26	53	133	H
6.224	45.09	PK-U	35.5	-28	0	52.59	-	-	-	-	68.2	-15.61	299	132	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.132	45.52	Pk	27.5	-35.6	0	37.42	-	-	74	-36.58	-	-	0-360	100	H
3	* 4.821	39.46	Pk	33.9	-29.9	0	43.46	-	-	74	-30.54	-	-	0-360	100	H
2	1.863	42.41	Pk	30.5	-35.3	0	37.61	-	-	-	-	68.2	-30.59	0-360	200	V
4	5.706	45.26	Pk	34.7	-20.1	0	59.86	-	-	-	-	68.2	-8.34	0-360	100	H
5	5.864	43.72	Pk	35.1	-19.8	0	59.02	-	-	-	-	68.2	-9.18	0-360	100	H
6	6.267	38.72	Pk	35.5	-28	0	46.22	-	-	-	-	68.2	-21.98	0-360	100	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

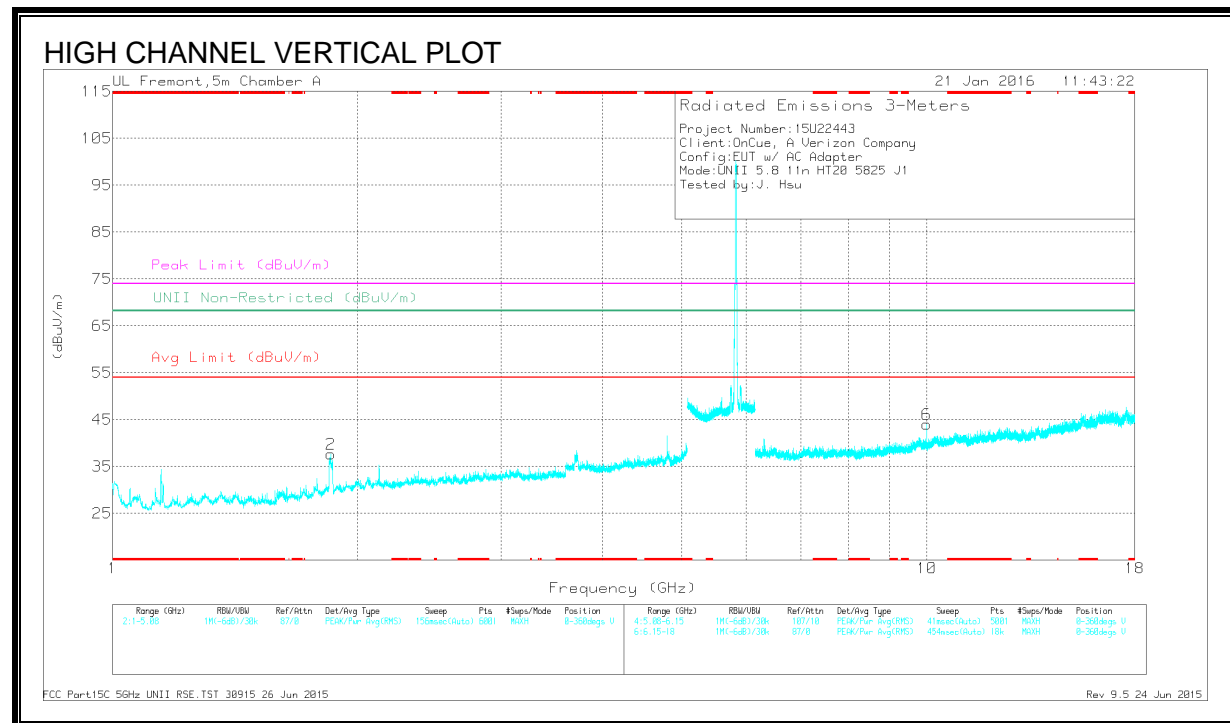
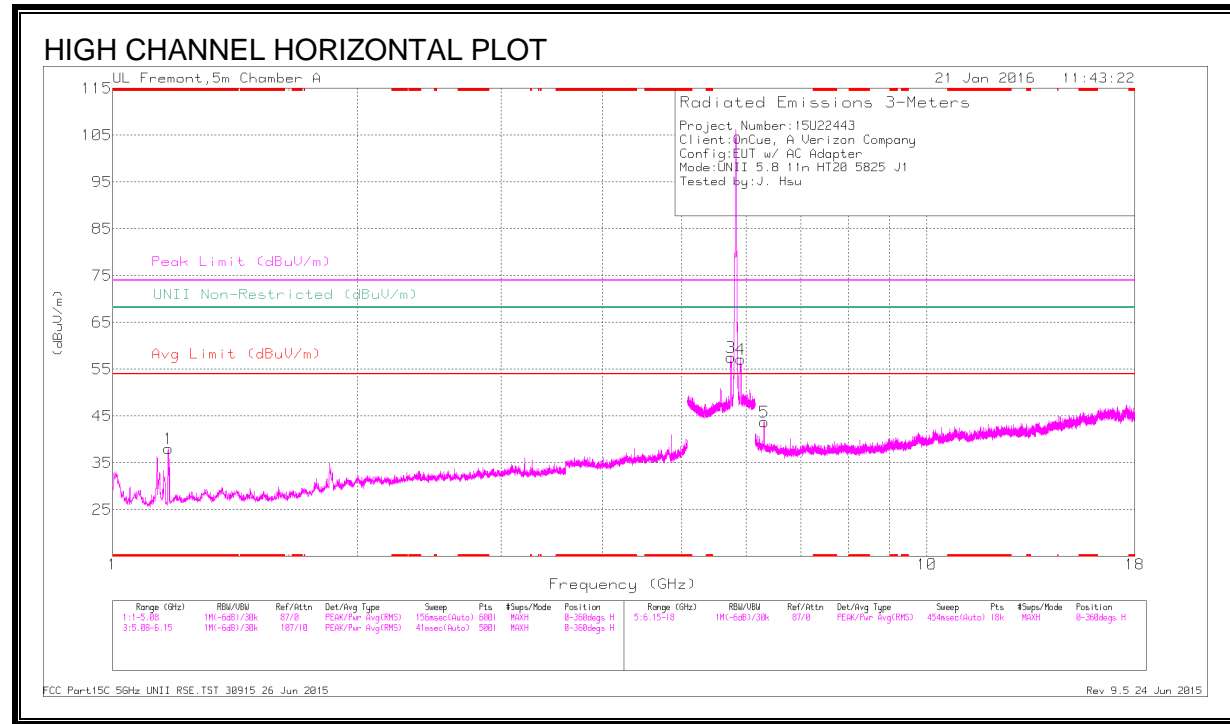
**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.13	49.29	PK-U	27.5	-35.7	0	41.09	-	-	74	-32.91	-	-	360	100	H
* 1.134	33.96	ADR	27.5	-35.6	0	25.86	54	-28.14	-	-	-	-	360	100	H
* 4.821	44.26	PK-U	33.9	-29.9	0	48.26	-	-	74	-25.74	-	-	293	125	H
* 4.821	36.15	ADR	33.9	-29.9	0	40.15	54	-13.85	-	-	-	-	293	125	H
1.863	44.32	PK-U	30.5	-35.3	0	39.52	-	-	-	-	68.2	-28.68	293	125	V
5.708	52.98	PK-U	34.7	-20.1	0	67.58	-	-	-	-	68.2	-.62	65	108	H
5.864	50.71	PK-U	35.1	-19.8	0	66.01	-	-	-	-	68.2	-2.19	325	133	H
6.268	45.23	PK-U	35.5	-28	0	52.73	-	-	-	-	68.2	-15.47	325	133	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average





**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.171	46.22	Pk	27.8	-36	0	38.02	-	-	74	-35.98	-	-	0-360	100	H
2	1.852	42.41	Pk	30.4	-35.2	0	37.61	-	-	-	-	68.2	-30.59	0-360	200	V
3	5.744	42.59	Pk	34.8	-19.9	0	57.49	-	-	-	-	68.2	-10.71	0-360	100	H
4	5.904	41.64	Pk	35.2	-19.7	0	57.14	-	-	-	-	68.2	-11.06	0-360	100	H
5	6.312	36.16	Pk	35.5	-27.9	0	43.76	-	-	-	-	68.2	-24.44	0-360	100	H
6	10	30.76	Pk	37	-23.7	0	44.06	-	-	-	-	68.2	-24.14	0-360	200	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.172	52.5	PK-U	27.8	-36	0	44.3	-	-	74	-29.7	-	-	360	100	H
* 1.172	34.1	ADR	27.8	-36	0	25.9	54	-28.1	-	-	-	-	360	100	H
1.852	49.49	PK-U	30.4	-35.2	0	44.69	-	-	-	-	68.2	-23.51	360	100	V
5.744	51.19	PK-U	34.8	-19.9	0	66.09	-	-	-	-	68.2	-2.11	67	101	H
5.903	48.76	PK-U	35.2	-19.7	0	64.26	-	-	-	-	68.2	-3.94	67	101	H
6.311	45.08	PK-U	35.5	-27.8	0	52.78	-	-	-	-	68.2	-15.42	325	104	H
10	37.59	PK-U	37	-23.7	0	50.89	-	-	-	-	68.2	-17.31	56	230	V

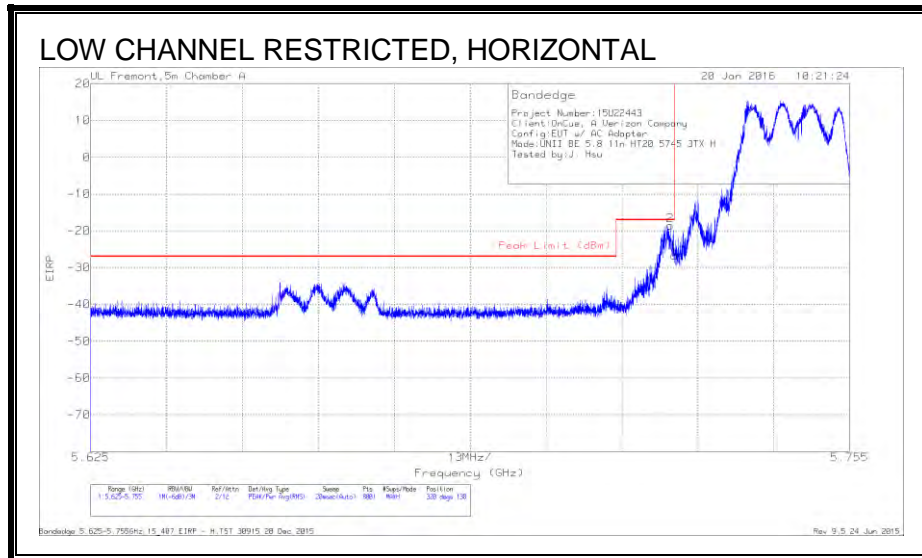
\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## 10.22. TX ABOVE 1 GHz 802.11n HT20 CDD 3TX MODE IN THE 5.8 GHz BAND

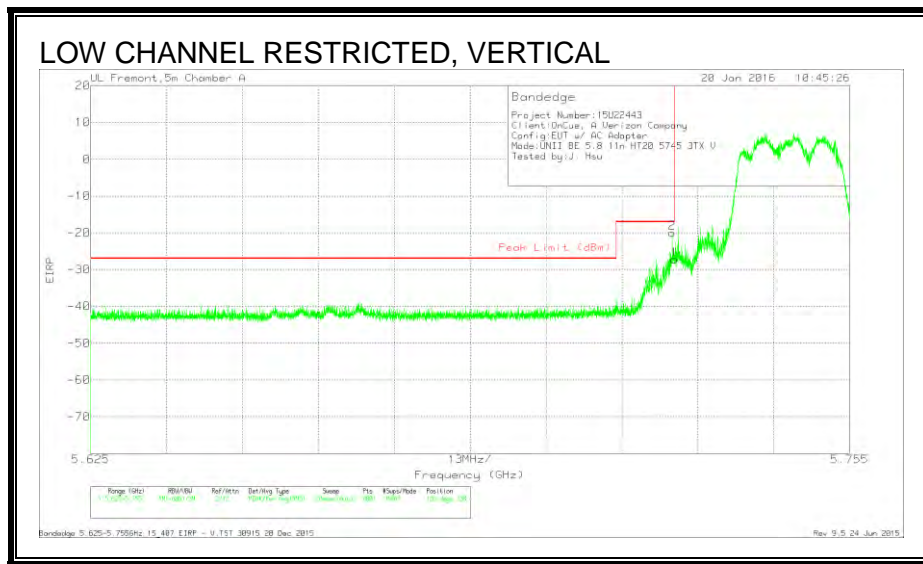
### RESTRICTED BANDEDGE (LOW CHANNEL)



### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.724	-44.96	Pk	34.7	-20.1	11.8	-18.56	-17	-1.56	320	138	H
1	5.725	-53.14	Pk	34.7	-20.1	11.8	-26.74	-17	-9.74	320	138	H

Pk - Peak detector

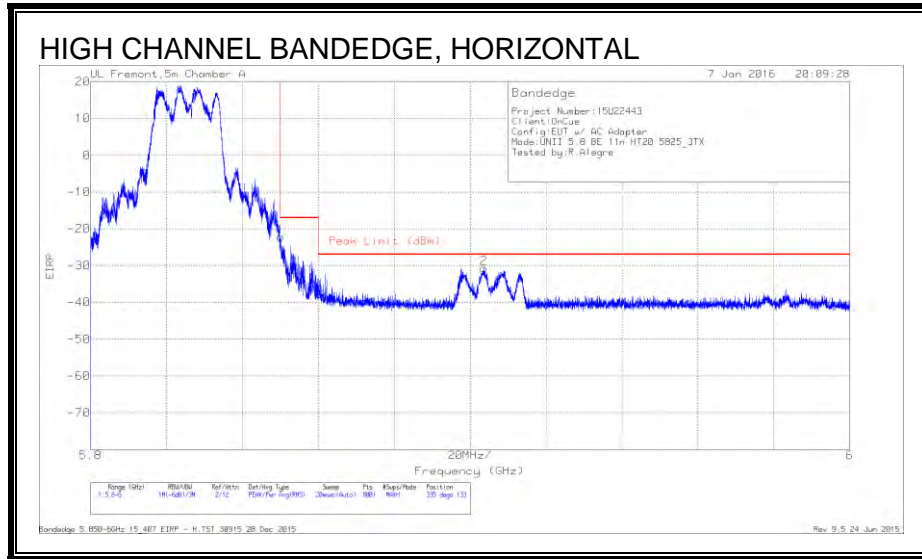


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-53.68	Pk	34.7	-20.1	11.8	-27.28	-17	-10.28	126	338	V
2	5.725	-46.42	Pk	34.7	-20.1	11.8	-20.02	-17	-3.02	126	338	V

Pk - Peak detector

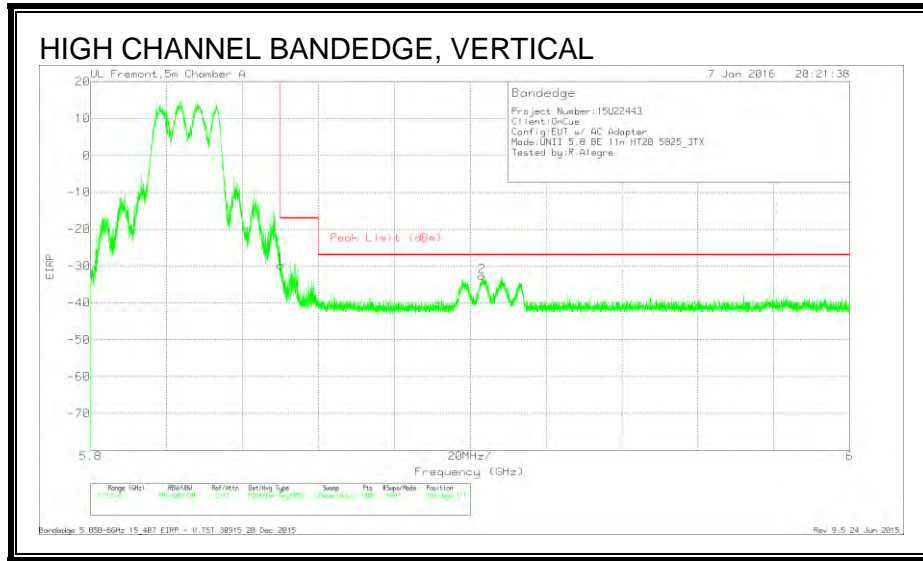
**AUTHORIZED BANDEGE (HIGH CHANNEL)**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-49.42	Pk	35.1	-19.7	11.8	-22.22	-17	-5.22	335	133	H
2	5.904	-57.97	Pk	35.2	-19.7	11.8	-30.67	-27	-3.67	335	133	H

Pk - Peak detector

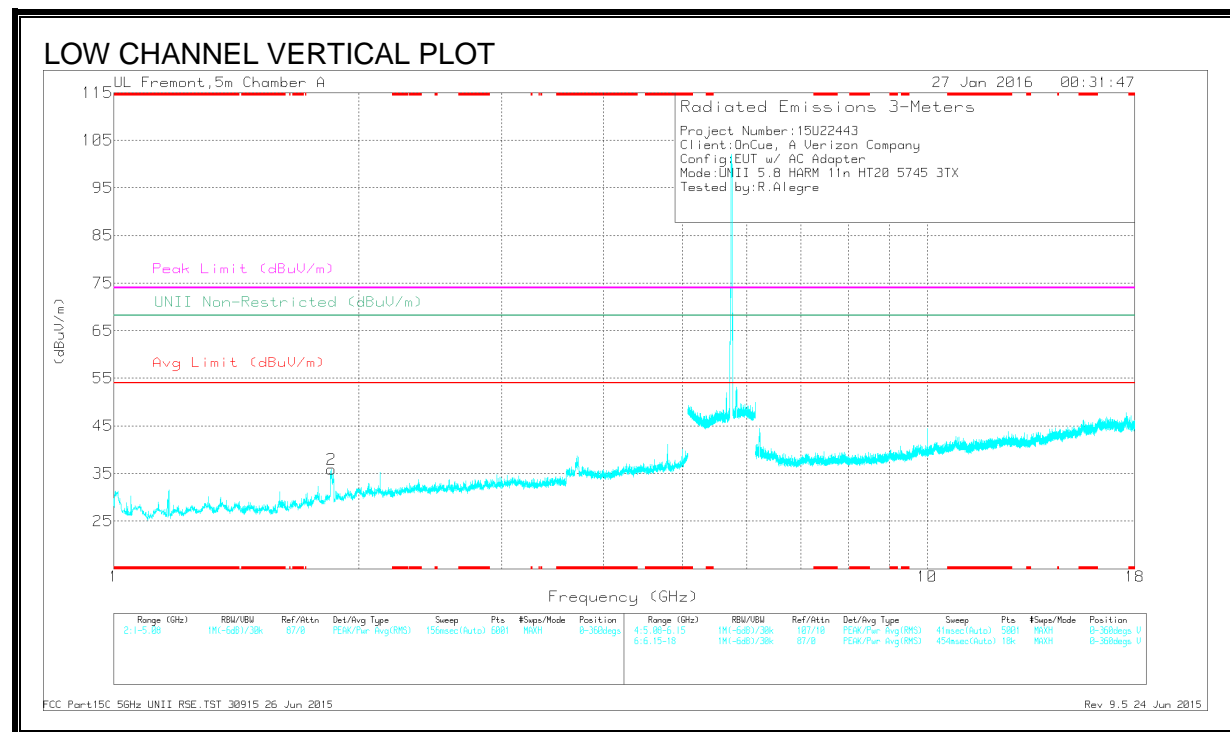
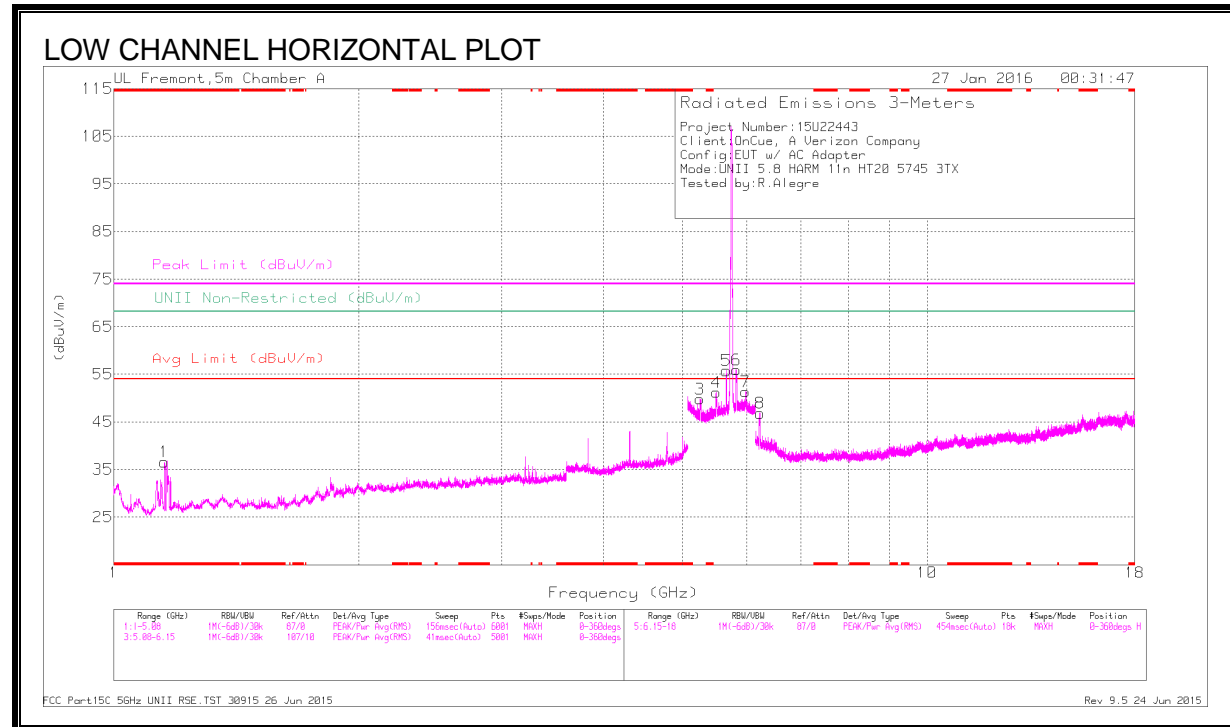


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-57.02	Pk	35.1	-19.7	11.8	-29.82	-17	-12.82	169	111	V
2	5.903	-60.04	Pk	35.2	-19.7	11.8	-32.74	-27	-5.74	169	111	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

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	* 1.154	44.6	Pk	27.7	-35.7	0	36.6	-	-	74	-37.4	-	-	0-360	100	H
2	1.853	40.68	Pk	30.4	-35.2	0	35.88	-	-	-	-	68.2	-32.32	0-360	200	V
3	5.26	35.61	Pk	34.5	-20.3	0	49.81	-	-	-	-	68.2	-18.39	0-360	100	H
4	5.507	37	Pk	34.4	-20.2	0	51.2	-	-	-	-	68.2	-17	0-360	100	H
5	5.666	41.58	Pk	34.6	-20.4	0	55.78	-	-	-	-	68.2	-12.42	0-360	100	H
6	5.828	40.63	Pk	35	-19.7	0	55.93	-	-	-	-	68.2	-12.27	0-360	100	H
7	5.982	35.45	Pk	35.3	-19.4	0	51.35	-	-	-	-	68.2	-16.85	0-360	100	H
8	6.23	39.23	Pk	35.5	-27.9	0	46.83	-	-	-	-	68.2	-21.37	0-360	100	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

**Radiated Emissions**

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
* 1.155	52.52	PK-U	27.7	-35.7	0	44.52	-	-	74	-29.48	-	-	58	281	H
* 1.155	33.11	ADR	27.7	-35.7	0	25.11	54	-28.89	-	-	-	-	58	281	H
1.853	53	PK-U	30.4	-35.2	0	48.2	-	-	-	-	68.2	-20	23	390	V
5.26	44.63	PK-U	34.5	-20.3	0	58.83	-	-	-	-	68.2	-9.37	319	295	H
5.502	45.99	PK-U	34.4	-20.2	0	60.19	-	-	-	-	68.2	-8.01	51	103	H
**5.665	50.61	PK-U	34.6	-20.4	0	64.81	-	-	-	-	68.2	-3.39	307	106	H
***5.825	47.83	PK-U	35	-19.7	0	63.13	-	-	-	-	68.2	-5.07	307	204	H
5.984	43.69	PK-U	35.3	-19.4	0	59.59	-	-	-	-	68.2	-8.61	42	110	H
6.217	48.3	PK-U	35.5	-28	0	55.8	-	-	-	-	68.2	-12.4	321	102	H

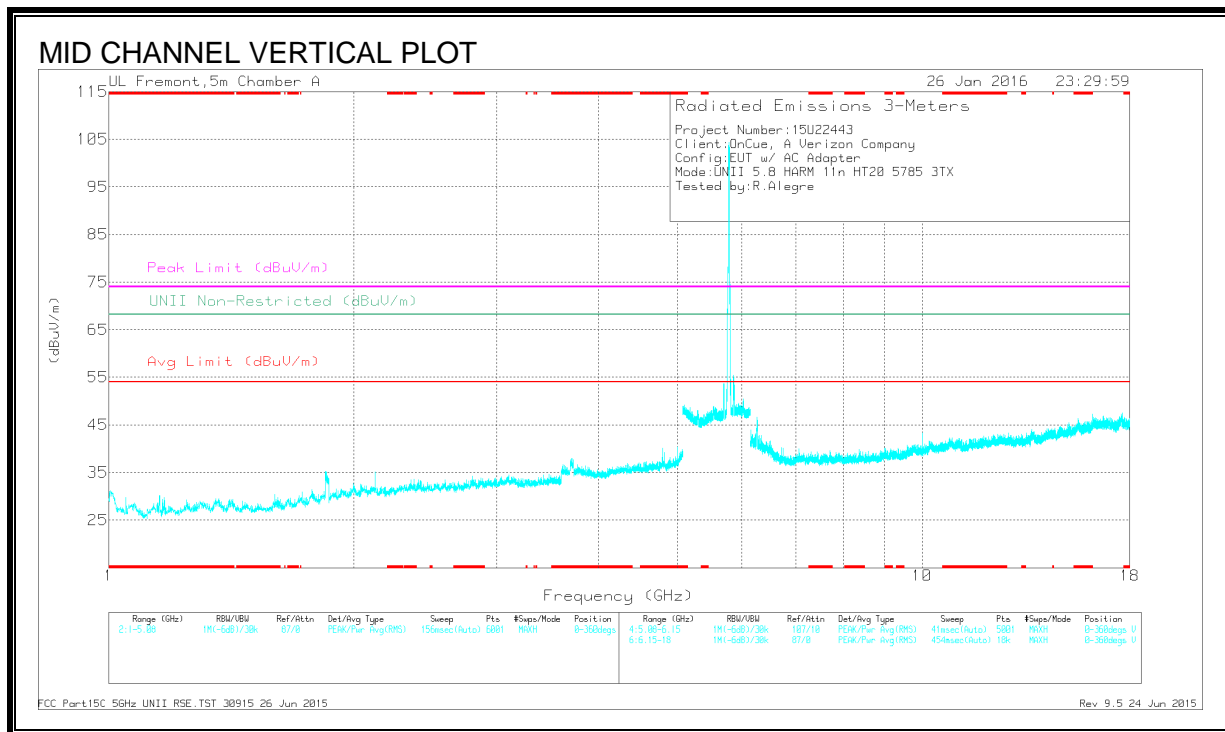
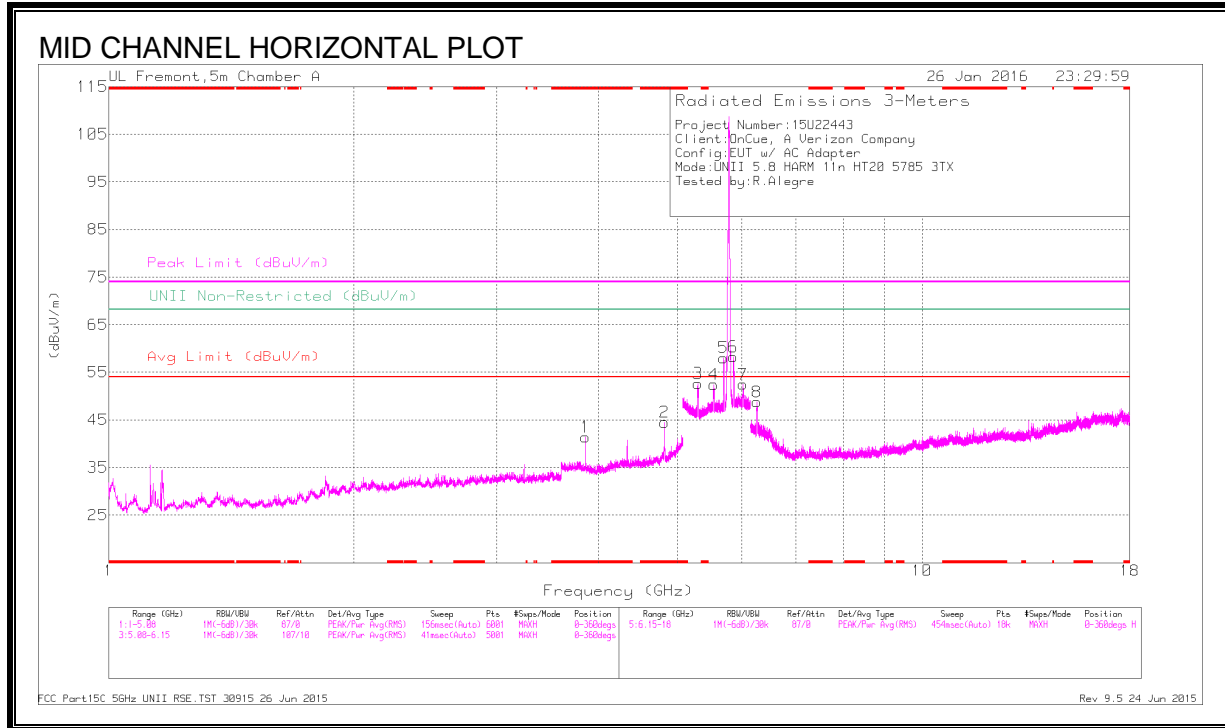
\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

\* \* - indicates frequency covered by Band edge

\*\*\* - indicates frequency in Authorized Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average





**DATA**

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	* 3.857	39.92	Pk	33.4	-31.9	0	41.42	-	-	74	-32.58	-	-	0-360	201	H
2	* 4.821	40.52	Pk	33.9	-29.9	0	44.52	-	-	74	-29.48	-	-	0-360	201	H
3	5.302	38.36	Pk	34.5	-20.2	0	52.66	-	-	-	-	68.2	-15.54	0-360	100	H
4	5.547	38.34	Pk	34.5	-20.4	0	52.44	-	-	-	-	68.2	-15.76	0-360	100	H
5	5.702	43.55	Pk	34.7	-20.2	0	58.05	-	-	-	-	68.2	-10.15	0-360	100	H
6	5.858	42.97	Pk	35.1	-19.8	0	58.27	-	-	-	-	68.2	-9.93	0-360	100	H
7	6.024	36.38	Pk	35.4	-19.3	0	52.48	-	-	-	-	68.2	-15.72	0-360	100	H
8	6.267	41.29	Pk	35.5	-28	0	48.79	-	-	-	-	68.2	-19.41	0-360	201	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

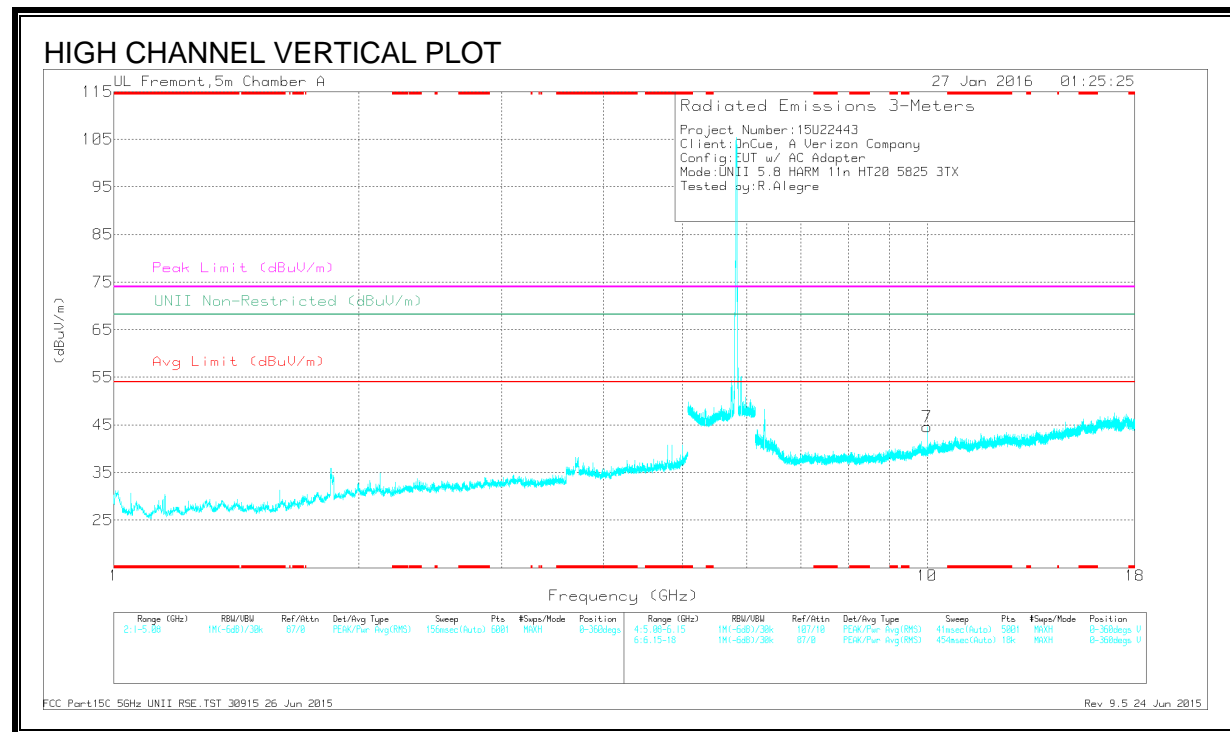
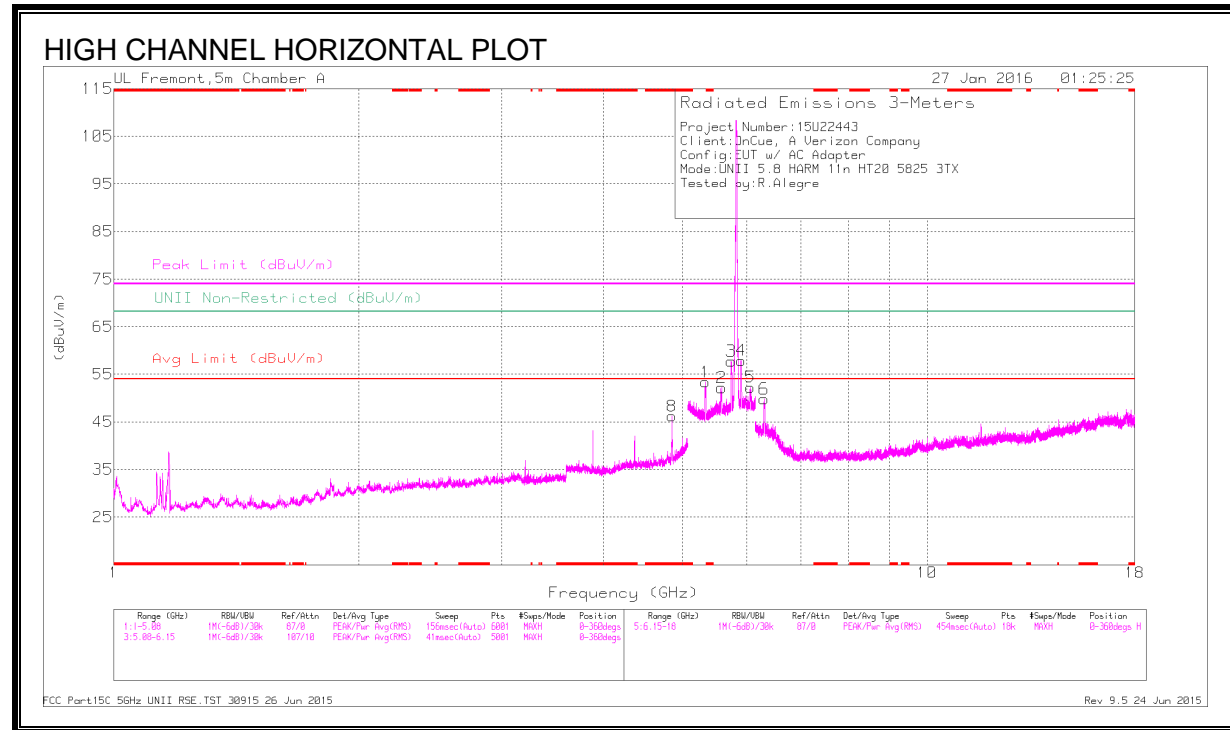
**Radiated Emissions**

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
* 3.856	46.16	PK-U	33.4	-31.9	0	47.66	-	-	74	-26.34	-	-	7	111	H
* 3.857	38.57	ADR	33.4	-31.9	0	40.07	54	-13.93	-	-	-	-	7	111	H
* 4.821	49.37	PK-U	33.9	-29.9	0	53.37	-	-	74	-20.63	-	-	297	131	H
* 4.821	41.99	ADR	33.9	-29.9	0	45.99	54	-8.01	-	-	-	-	297	131	H
5.3	47.77	PK-U	34.5	-20.2	0	62.07	-	-	-	-	68.2	-6.13	331	224	H
5.547	48.06	PK-U	34.5	-20.4	0	62.16	-	-	-	-	68.2	-6.04	50	121	H
5.706	51.56	PK-U	34.7	-20.1	0	66.16	-	-	-	-	68.2	-2.04	306	101	H
5.859	51.48	PK-U	35.1	-19.8	0	66.78	-	-	-	-	68.2	-1.42	317	113	H
5.864	51.3	PK-U	35.1	-19.8	0	66.6	-	-	-	-	68.2	-1.6	317	113	H
6.028	45.54	PK-U	35.4	-19.3	0	61.64	-	-	-	-	68.2	-6.56	316	122	H
6.265	51.89	PK-U	35.5	-28	0	59.39	-	-	-	-	68.2	-8.81	319	109	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
8	* 4.854	42.35	Pk	33.9	-30	0	46.25	-	-	74	-27.75	-	-	0-360	101	H
1	5.338	39.07	Pk	34.6	-20.3	0	53.37	-	-	-	-	68.2	-14.83	0-360	100	H
2	5.588	38.1	Pk	34.5	-20.4	0	52.2	-	-	-	-	68.2	-16	0-360	100	H
3	5.744	42.89	Pk	34.8	-19.9	0	57.79	-	-	-	-	68.2	-10.41	0-360	100	H
4	5.908	42.32	Pk	35.2	-19.6	0	57.92	-	-	-	-	68.2	-10.28	0-360	201	H
5	6.067	36.2	Pk	35.4	-19.3	0	52.3	-	-	-	-	68.2	-15.9	0-360	100	H
6	6.303	42.03	Pk	35.6	-27.8	0	49.83	-	-	-	-	68.2	-18.37	0-360	100	H
7	10	31.33	Pk	37	-23.7	0	44.63	-	-	-	-	68.2	-23.57	0-360	200	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.854	49.93	PK-U	33.9	-30	0	53.83	-	-	74	-20.17	-	-	290	115	H
* 4.854	43.5	ADR	33.9	-30	0	47.4	54	-6.6	-	-	-	-	290	115	H
5.34	46.43	PK-U	34.6	-20.4	0	60.63	-	-	-	-	68.2	-7.57	49	123	H
5.588	46.77	PK-U	34.5	-20.4	0	60.87	-	-	-	-	68.2	-7.33	321	105	H
**5.743	50.92	PK-U	34.8	-19.9	0	65.82	-	-	-	-	68.2	-2.38	321	202	H
***5.908	50.64	PK-U	35.2	-19.6	0	66.24	-	-	-	-	68.2	-1.96	318	202	H
6.067	43.65	PK-U	35.4	-19.3	0	59.75	-	-	-	-	68.2	-8.45	289	109	H
6.31	51.25	PK-U	35.5	-27.8	0	58.95	-	-	-	-	68.2	-9.25	311	100	H
10	37.55	PK-U	37	-23.7	0	50.85	-	-	-	-	68.2	-17.35	46	224	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

\*\* - indicates frequency in Authorized Band

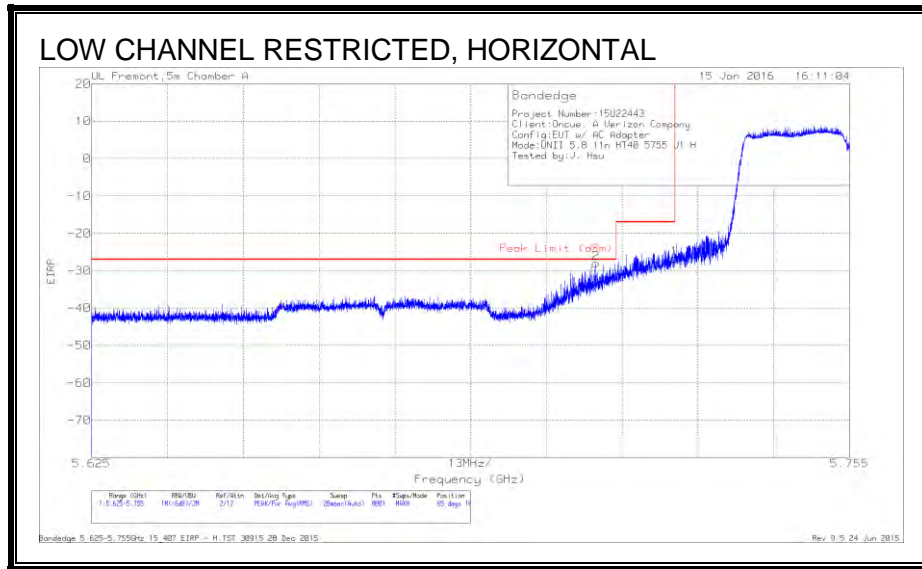
\*\*\* - indicates frequency covered by Band edge

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### 10.23. TX ABOVE 1 GHz 802.11n HT40 CDD 1TX MODE IN THE 5.8 GHz BAND

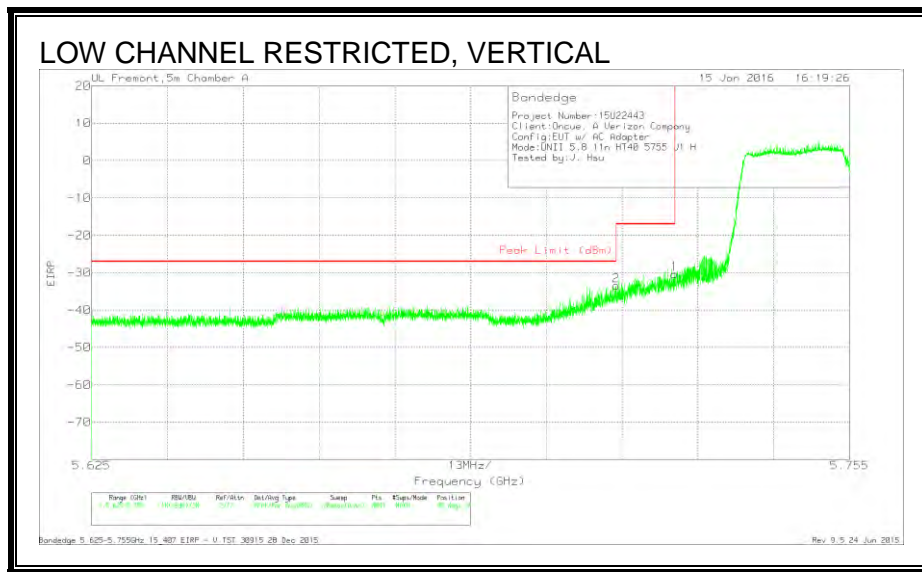
#### RESTRICTED BANDEDGE (LOW CHANNEL)



#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.712	-54.41	Pk	34.7	-20.1	11.8	-28.01	-27	-1.01	65	100	H
1	5.725	-53.12	Pk	34.7	-20.1	11.8	-26.72	-17	-9.72	65	100	H

Pk - Peak detector

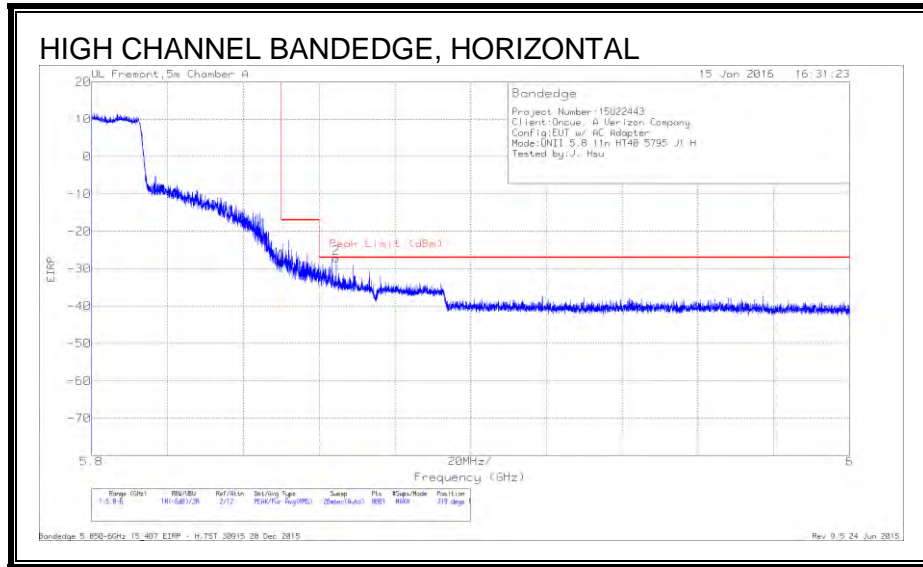


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.715	-59.86	Pk	34.7	-20.1	11.8	-33.46	-27	-6.46	95	309	V
1	5.725	-56.79	Pk	34.7	-20.1	11.8	-30.39	-17	-13.39	95	309	V

Pk - Peak detector

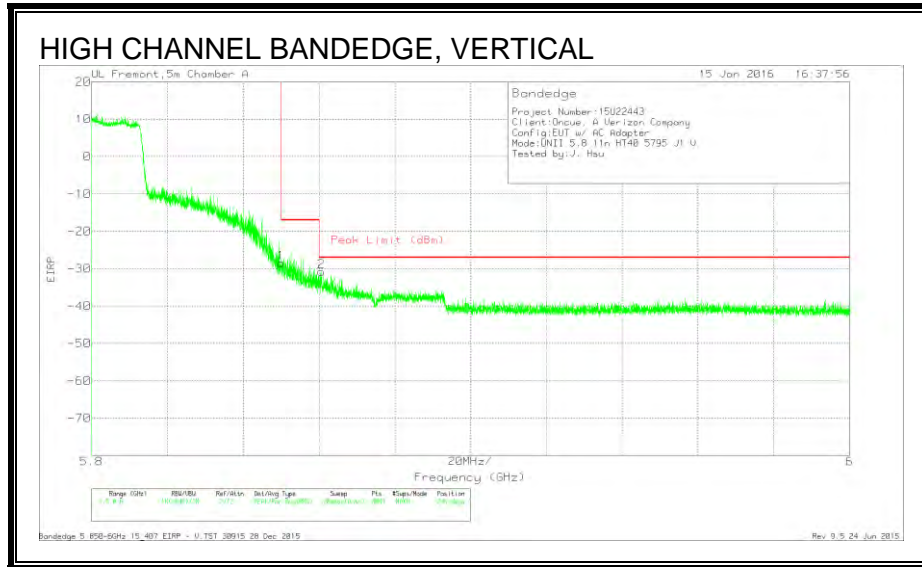
**AUTHORIZED BANDEGE (HIGH CHANNEL)**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cb/F Itr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-55.27	Pk	35.1	-19.7	11.8	-28.07	-17	-11.07	319	121	H
2	5.865	-54.22	Pk	35.1	-19.8	11.8	-27.12	-27	-12	319	121	H

Pk - Peak detector

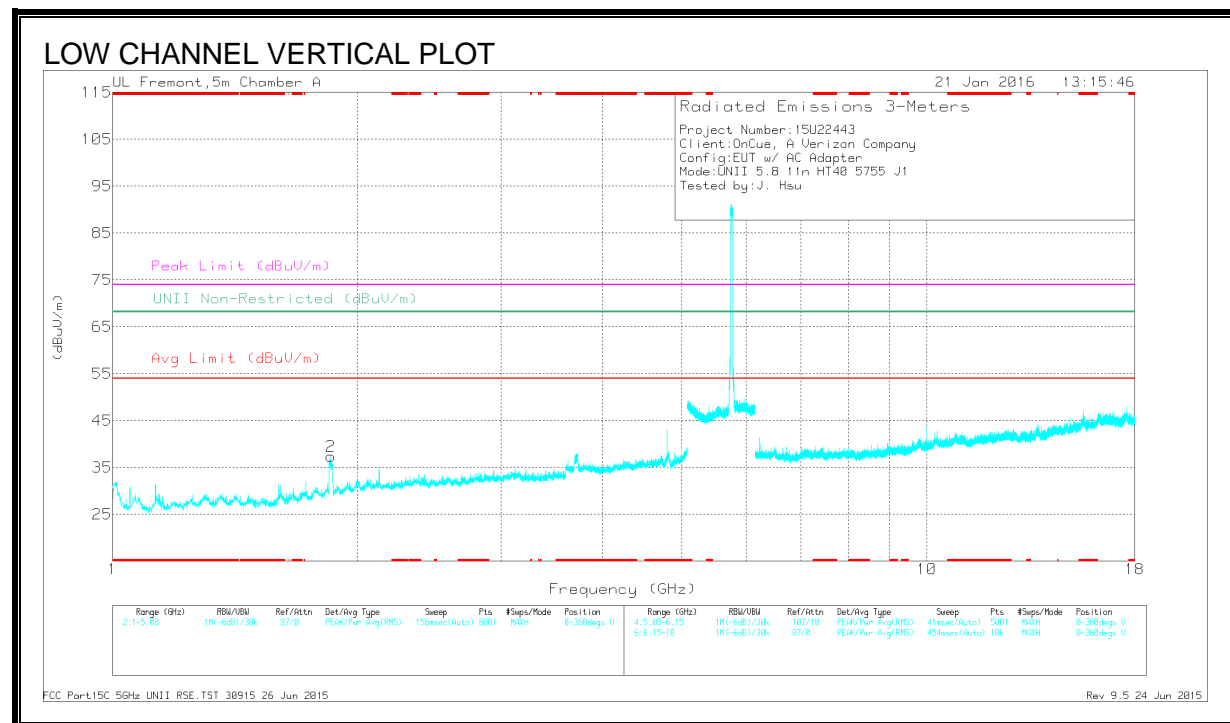
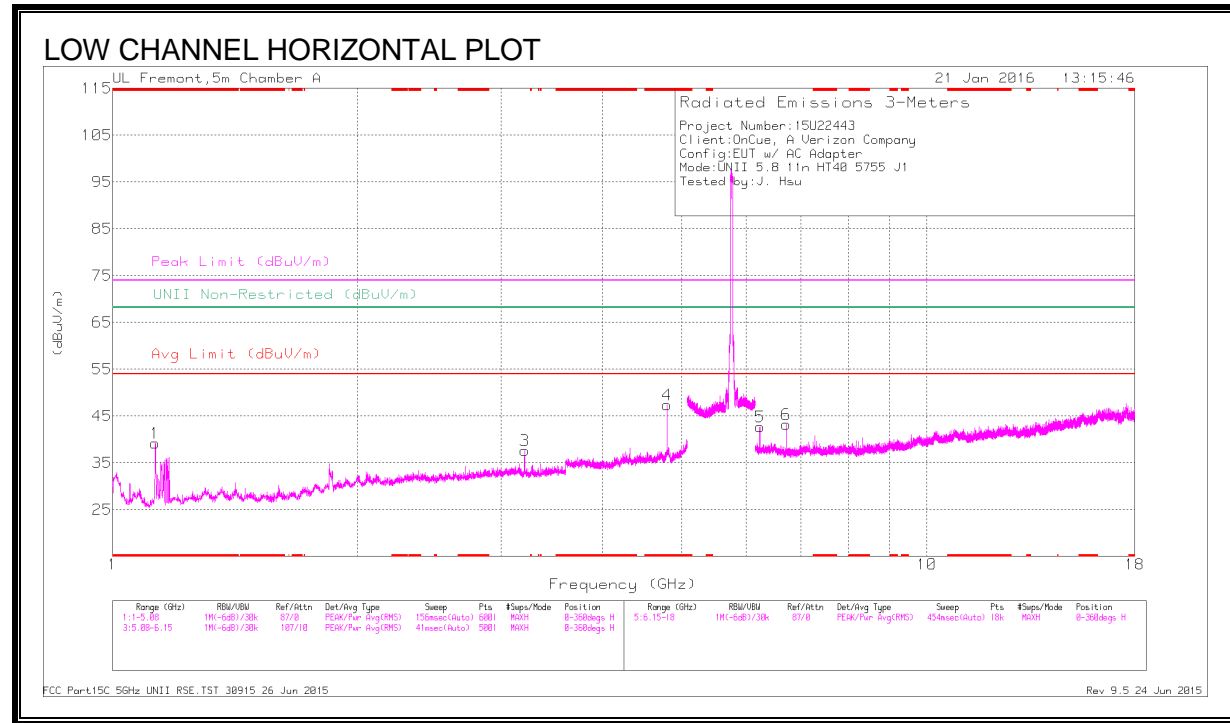


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-55.63	Pk	35.1	-19.7	11.8	-28.43	-17	-11.43	246	334	V
2	5.861	-57.85	Pk	35.1	-19.8	11.8	-30.75	-27	-3.75	246	334	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**





**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.129	47.43	Pk	27.5	-35.7	0	39.23	-	-	74	-34.77	-	-	0-360	100	H
4	* 4.796	43.39	Pk	34	-30	0	47.39	-	-	74	-26.61	-	-	0-360	100	H
2	1.852	42.16	Pk	30.4	-35.2	0	37.36	-	-	-	-	68.2	-30.84	0-360	200	V
3	3.205	38.22	Pk	32.7	-33.3	0	37.62	-	-	-	-	68.2	-30.58	0-360	100	H
5	6.235	35.07	Pk	35.5	-27.9	0	42.67	-	-	-	-	68.2	-25.53	0-360	100	H
6	6.714	34.99	Pk	35.6	-27.3	0	43.29	-	-	-	-	68.2	-24.91	0-360	100	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

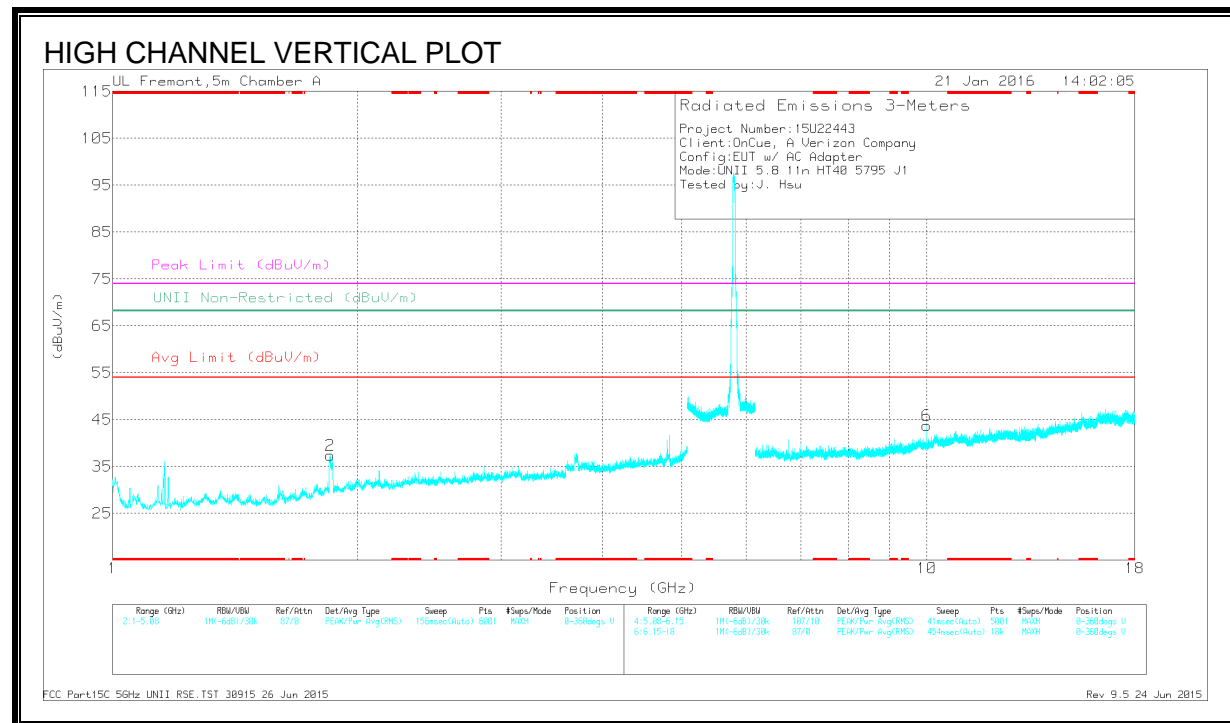
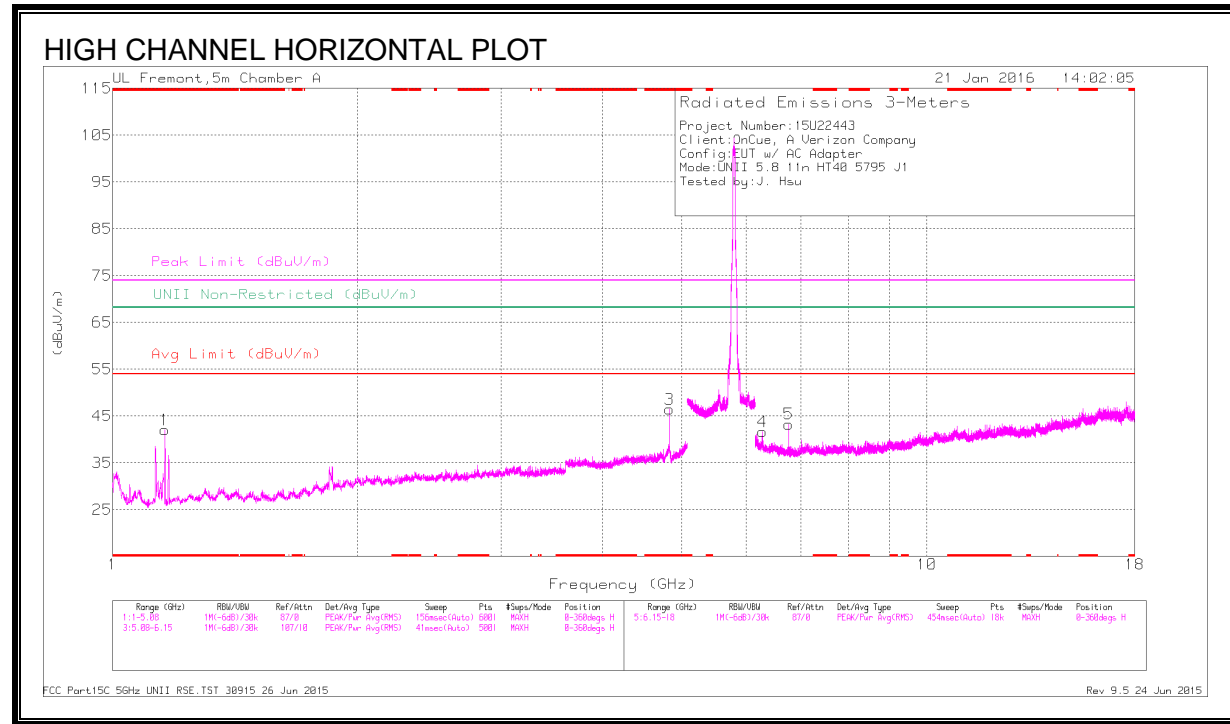
**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.129	48.8	PK-U	27.5	-35.7	0	40.6	-	-	74	-33.4	-	-	1	100	H
* 1.13	33.85	ADR	27.5	-35.7	0	25.65	54	-28.35	-	-	-	-	1	100	H
* 4.796	47.49	PK-U	34	-30	0	51.49	-	-	74	-22.51	-	-	301	110	H
* 4.796	42.39	ADR	34	-30	0	46.39	54	-7.61	-	-	-	-	301	110	H
1.852	44.53	PK-U	30.4	-35.2	0	39.73	-	-	-	-	68.2	-28.47	301	110	V
3.206	42.88	PK-U	32.7	-33.3	0	42.28	-	-	-	-	68.2	-25.92	44	187	H
6.234	41.92	PK-U	35.5	-27.9	0	49.52	-	-	-	-	68.2	-18.68	298	144	H
6.714	40.91	PK-U	35.6	-27.3	0	49.21	-	-	-	-	68.2	-18.99	78	100	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.158	50.13	Pk	27.7	-35.8	0	42.03	-	-	74	-31.97	-	-	0-360	201	H
3	* 4.829	42.6	Pk	33.9	-30	0	46.5	-	-	74	-27.5	-	-	0-360	100	H
2	1.851	42.17	Pk	30.4	-35.2	0	37.37	-	-	-	-	68.2	-30.83	0-360	200	V
4	6.278	34.07	Pk	35.5	-27.9	0	41.67	-	-	-	-	68.2	-26.53	0-360	201	H
5	6.761	35.1	Pk	35.6	-27.4	0	43.3	-	-	-	-	68.2	-24.9	0-360	100	H
6	10	30.44	Pk	37	-23.7	0	43.74	-	-	-	-	68.2	-24.46	0-360	200	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.16	49.37	PK-U	27.7	-35.8	0	41.27	-	-	74	-32.73	-	-	1	100	H
* 1.158	32.97	ADR	27.7	-35.8	0	24.87	54	-29.13	-	-	-	-	1	100	H
* 4.829	47.45	PK-U	33.9	-30	0	51.35	-	-	74	-22.65	-	-	297	105	H
* 4.829	41.88	ADR	33.9	-30	0	45.78	54	-8.22	-	-	-	-	297	105	H
1.852	53.6	PK-U	30.4	-35.2	0	48.8	-	-	-	-	68.2	-19.4	29	387	V
6.278	42.14	PK-U	35.5	-27.9	0	49.74	-	-	-	-	68.2	-18.46	300	229	H
6.761	41.27	PK-U	35.6	-27.4	0	49.47	-	-	-	-	68.2	-18.73	78	100	H
10.002	34.3	PK-U	37	-23.7	0	47.6	-	-	-	-	68.2	-20.6	78	100	V

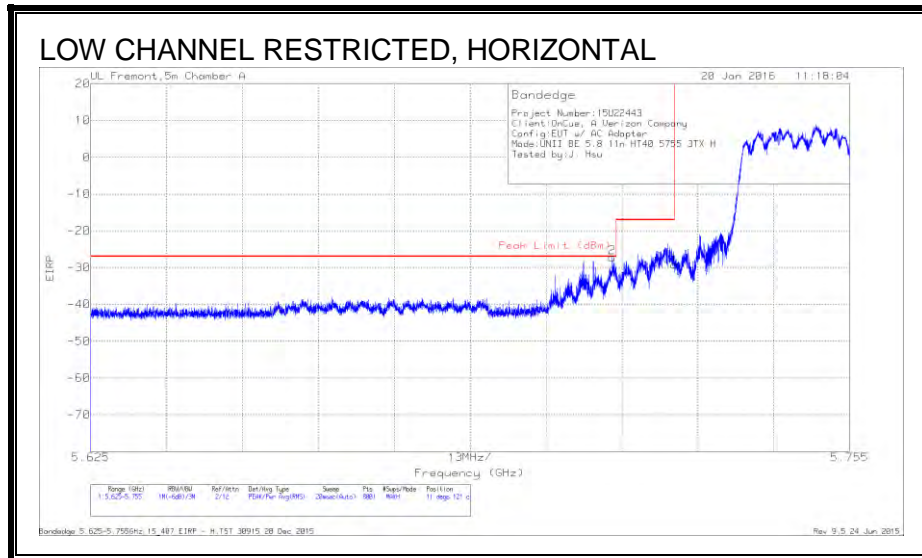
\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## 10.24. TX ABOVE 1 GHz 802.11n HT40 CDD 3TX MODE IN THE 5.8 GHz BAND

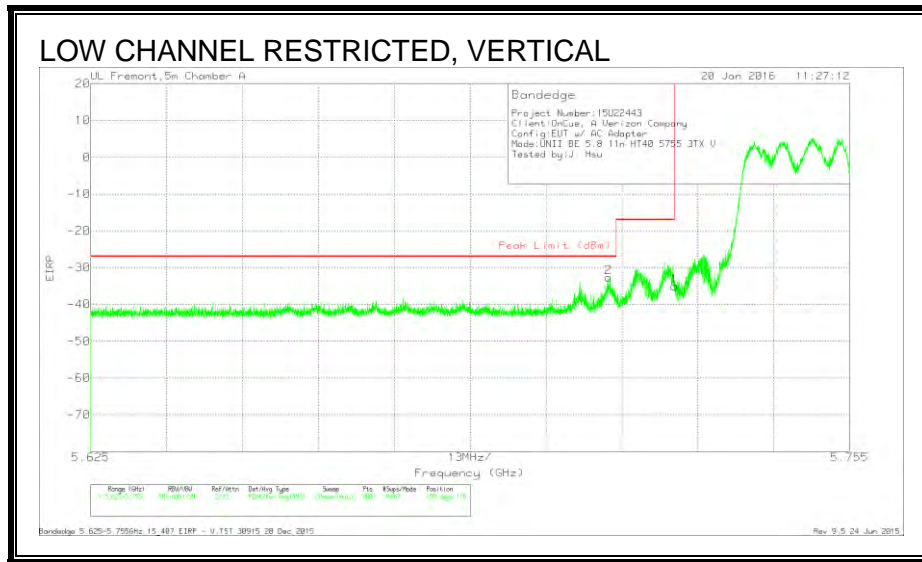
### RESTRICTED BANDEDGE (LOW CHANNEL)



### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.714	-53.66	Pk	34.7	-20.1	11.8	-27.26	-27	-.26	11	121	H
1	5.725	-55.57	Pk	34.7	-20.1	11.8	-29.17	-17	-12.17	11	121	H

Pk - Peak detector

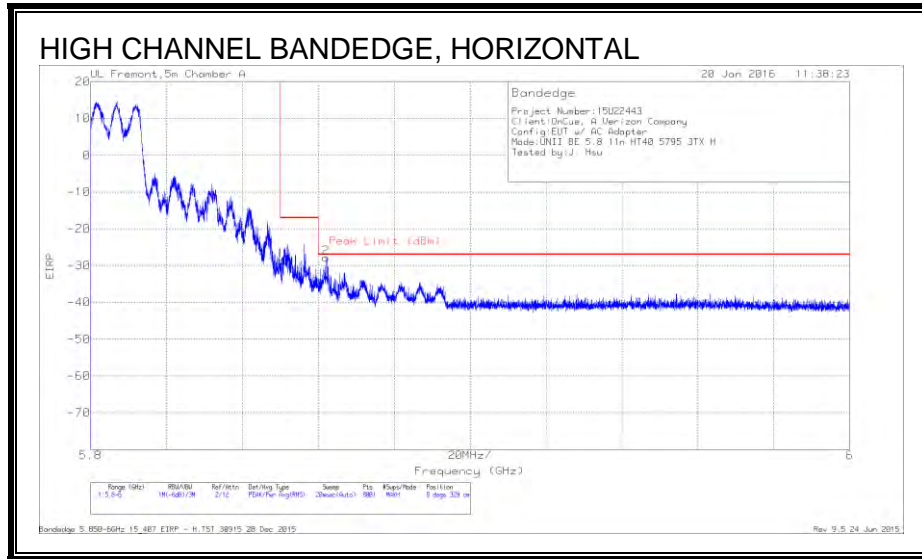


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.714	-59.03	Pk	34.7	-20.1	11.8	-32.63	-27	-5.63	150	116	V
1	5.725	-61.52	Pk	34.7	-20.1	11.8	-35.12	-17	-18.12	150	116	V

Pk - Peak detector

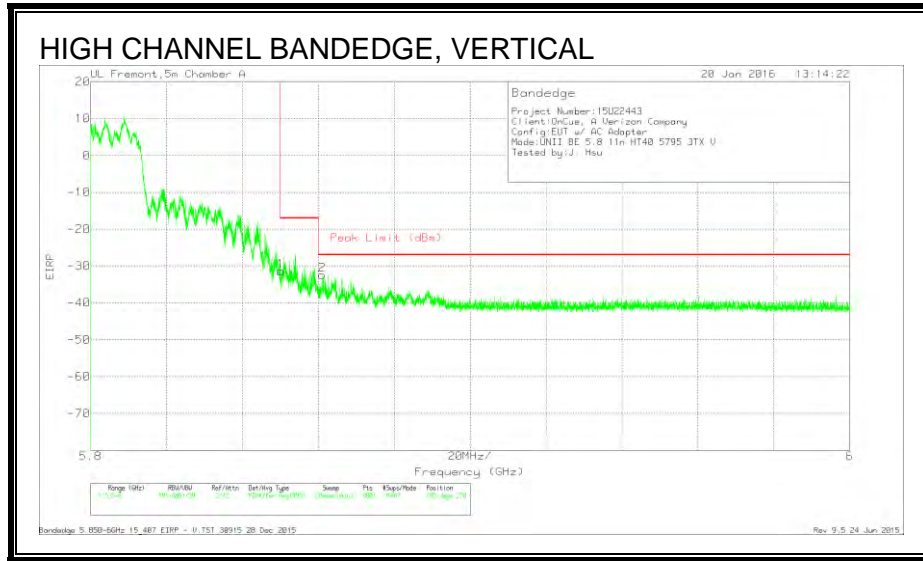
**AUTHORIZED BANDEGE (HIGH CHANNEL)**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-55.84	Pk	35.1	-19.7	11.8	-28.64	-17	-11.64	9	329	H
2	5.862	-54.91	Pk	35.1	-19.8	11.8	-27.81	-27	-.81	9	329	H

Pk - Peak detector

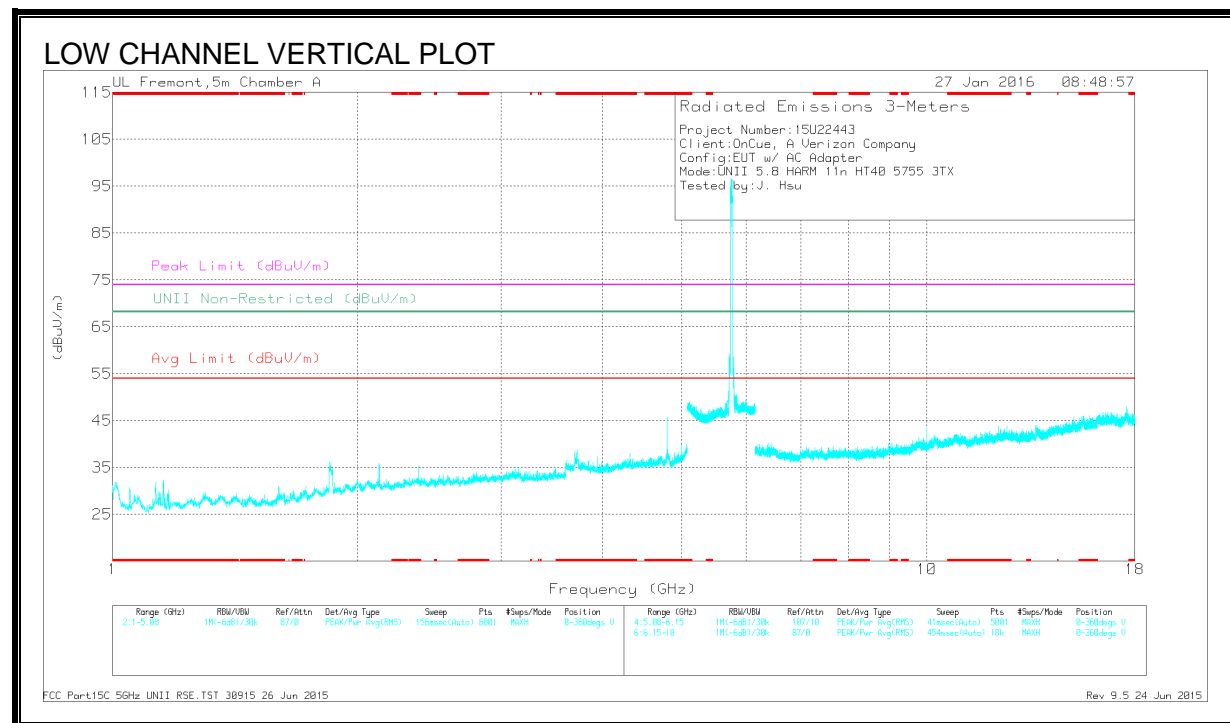
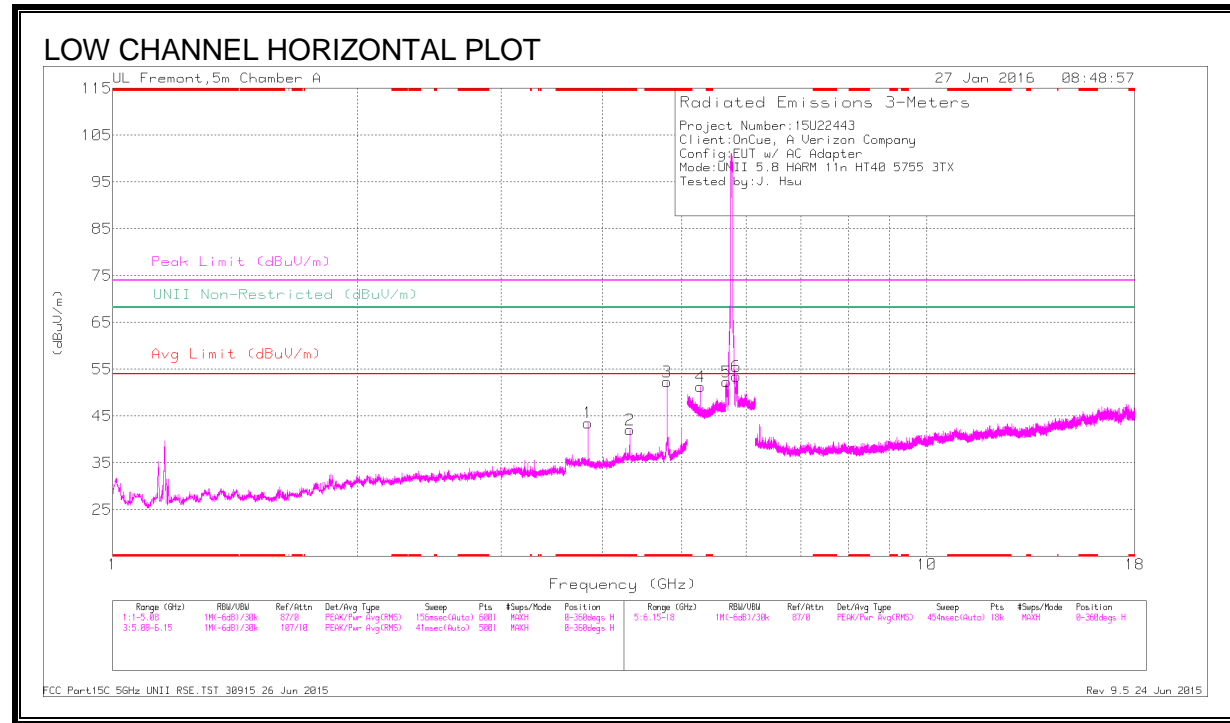


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58.56	Pk	35.1	-19.7	11.8	-31.36	-17	-14.36	265	278	V
2	5.861	-59.52	Pk	35.1	-19.8	11.8	-32.42	-27	-5.42	265	278	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**





**DATA**

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	* 3.837	41.96	Pk	33.4	-31.8	0	43.56	-	-	74	-30.44	-	-	0-360	100	H
2	* 4.316	39.42	Pk	33.5	-30.9	0	42.02	-	-	74	-31.98	-	-	0-360	100	H
3	* 4.796	48.28	Pk	34	-30	0	52.28	-	-	74	-21.72	-	-	0-360	100	H
4	5.276	37.04	Pk	34.5	-20.2	0	51.34	-	-	-	-	68.2	-16.86	0-360	100	H
5	5.681	37.97	Pk	34.6	-20.3	0	52.27	-	-	-	-	68.2	-15.93	0-360	100	H
6	5.833	38.18	Pk	35	-19.7	0	53.48	-	-	-	-	68.2	-14.72	0-360	100	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

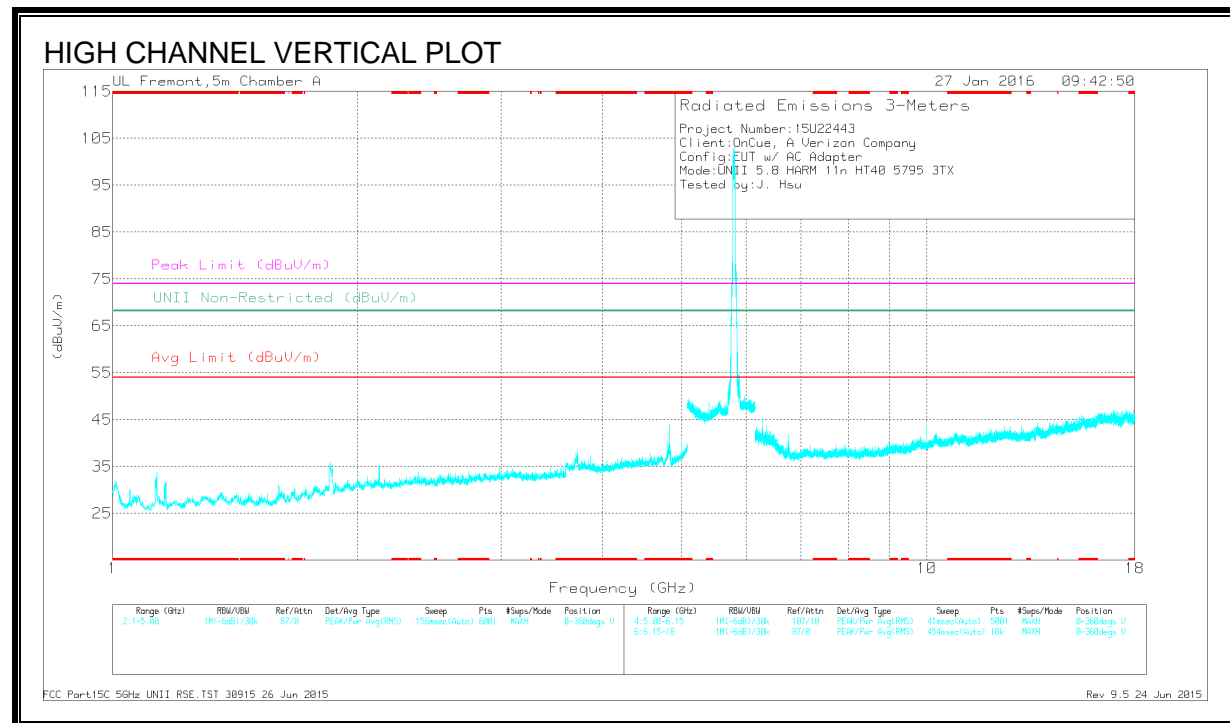
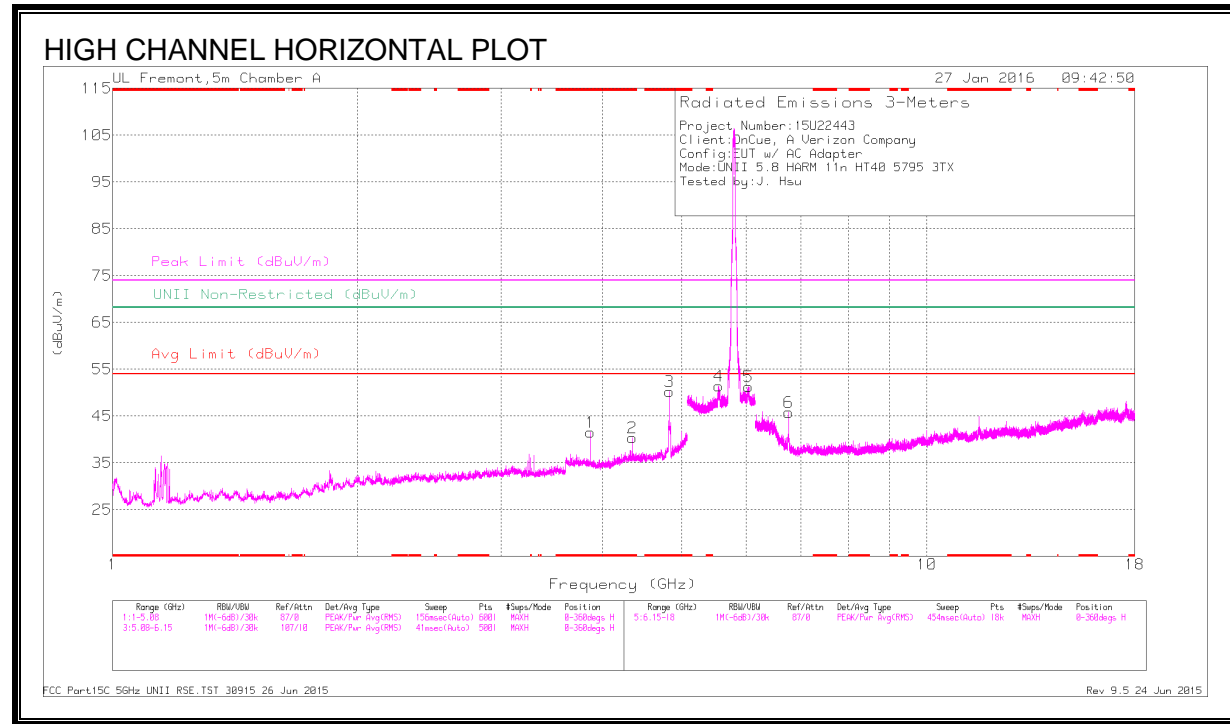
**Radiated Emissions**

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
* 3.837	47.06	PK-U	33.4	-31.8	0	48.66	-	-	74	-25.34	-	-	56	313	H
* 3.837	40.29	ADR	33.4	-31.8	0	41.89	54	-12.11	-	-	-	-	56	313	H
* 4.316	44.95	PK-U	33.5	-30.9	0	47.55	-	-	74	-26.45	-	-	347	108	H
* 4.316	36.82	ADR	33.5	-30.9	0	39.42	54	-14.58	-	-	-	-	347	108	H
* 4.796	51.1	PK-U	34	-30	0	55.1	-	-	74	-18.9	-	-	289	102	H
* 4.796	47.83	ADR	34	-30	0	51.83	54	-2.17	-	-	-	-	289	102	H
5.275	43.16	PK-U	34.5	-20.3	0	57.36	-	-	-	-	68.2	-10.84	309	102	H
5.681	45.25	PK-U	34.6	-20.3	0	59.55	-	-	-	-	68.2	-8.65	2	106	H
5.831	45.03	PK-U	35	-19.7	0	60.33	-	-	-	-	68.2	-7.87	325	111	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



**DATA**

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	* 3.863	40.04	Pk	33.5	-32	0	41.54	-	-	74	-32.46	-	-	0-360	100	H
2	* 4.346	38.37	Pk	33.6	-31.6	0	40.37	-	-	74	-33.63	-	-	0-360	100	H
3	* 4.829	46.36	Pk	33.9	-30	0	50.26	-	-	74	-23.74	-	-	0-360	100	H
4	5.549	37.29	Pk	34.5	-20.4	0	51.39	-	-	-	-	68.2	-16.81	0-360	100	H
5	6.037	35.13	Pk	35.4	-19.3	0	51.23	-	-	-	-	68.2	-16.97	0-360	100	H
6	6.761	37.57	Pk	35.6	-27.4	0	45.77	-	-	-	-	68.2	-22.43	0-360	100	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

**Radiated Emissions**

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
* 3.863	46.28	PK-U	33.5	-32	0	47.78	-	-	74	-26.22	-	-	14	142	H
* 3.863	39.87	ADR	33.5	-32	0	41.37	54	-12.63	-	-	-	-	14	142	H
* 4.347	45.73	PK-U	33.6	-31.6	0	47.73	-	-	74	-26.27	-	-	325	127	H
* 4.346	37.57	ADR	33.6	-31.6	0	39.57	54	-14.43	-	-	-	-	325	127	H
* 4.829	50.11	PK-U	33.9	-30	0	54.01	-	-	74	-19.99	-	-	289	102	H
* 4.829	45.57	ADR	33.9	-30	0	49.47	54	-4.53	-	-	-	-	289	102	H
5.55	45.44	PK-U	34.5	-20.4	0	59.54	-	-	-	-	68.2	-8.66	49	145	H
6.038	44.49	PK-U	35.4	-19.3	0	60.59	-	-	-	-	68.2	-7.61	314	114	H
6.761	43.11	PK-U	35.6	-27.4	0	51.31	-	-	-	-	68.2	-16.89	8	100	H

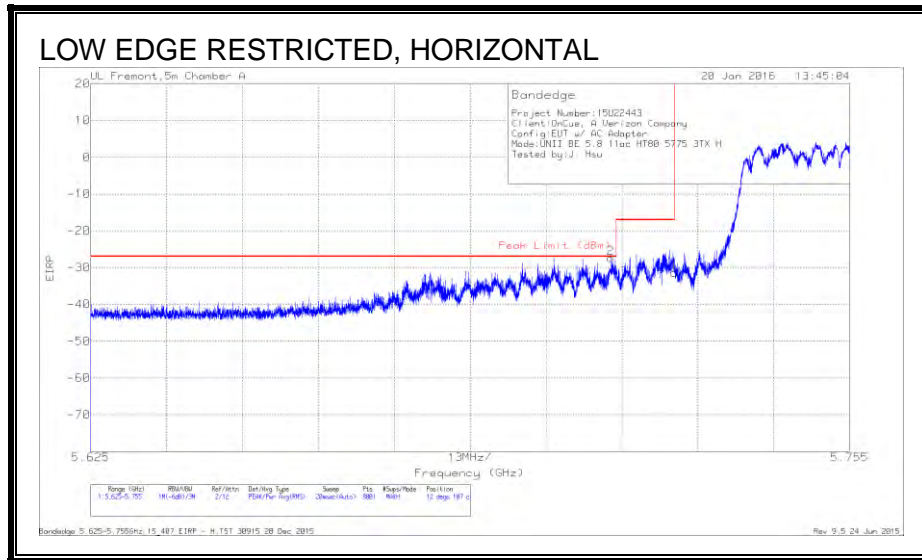
\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**10.25. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.8 GHz BAND**

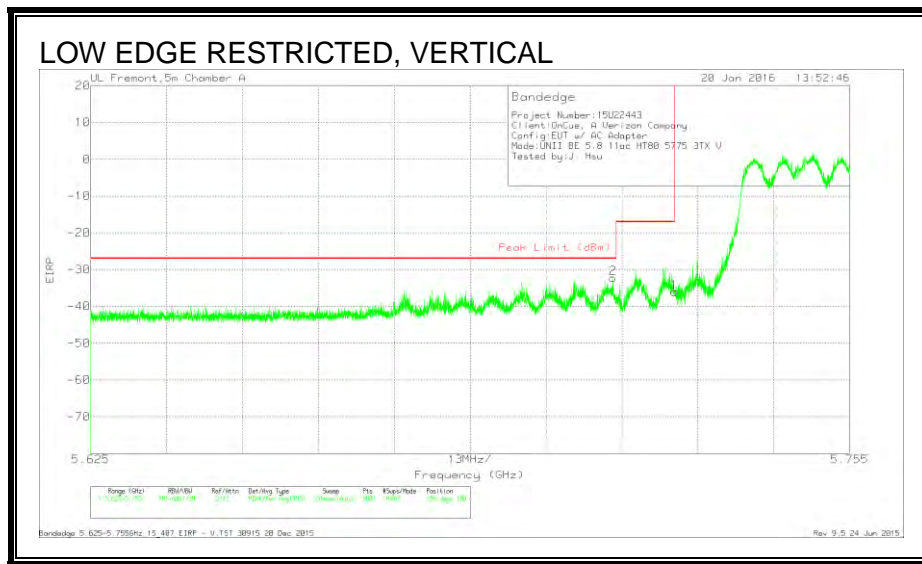
**RESTRICTED BANDEDGE (CHANNEL 155 LOW EDGE)**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.714	-53.72	Pk	34.7	-20.1	11.8	-27.32	-27	-32	12	107	H
1	5.725	-57.81	Pk	34.7	-20.1	11.8	-31.41	-17	-14.41	12	107	H

Pk - Peak detector

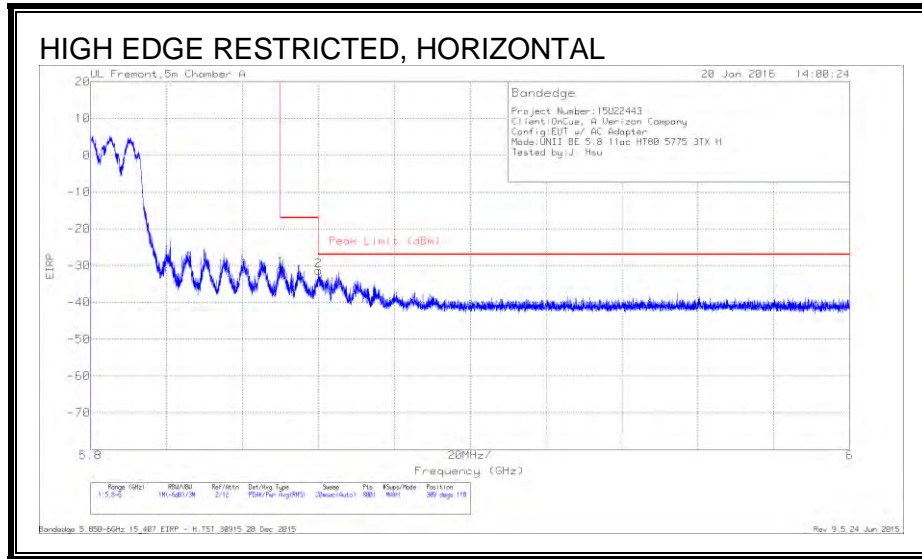


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.714	-58.73	Pk	34.7	-20.1	11.8	-32.33	-27	-5.33	156	100	V
1	5.725	-62.44	Pk	34.7	-20.1	11.8	-36.04	-17	-19.04	156	100	V

Pk - Peak detector

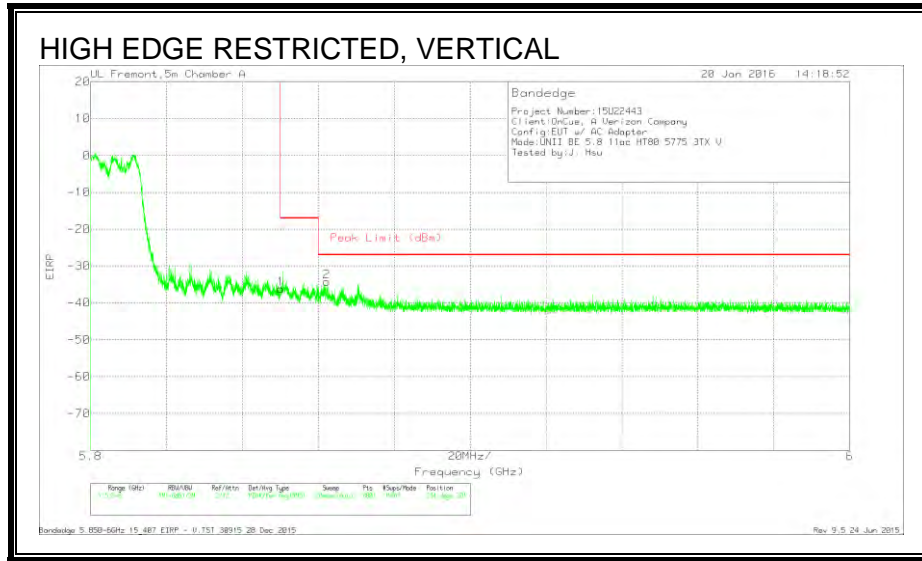
**AUTHORIZED BANDEGE (CHANNEL 155 HIGH EDGE)**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58.06	Pk	35.1	-19.7	11.8	-30.86	-17	-13.86	309	118	H
2	5.86	-58.46	Pk	35.1	-19.8	11.8	-31.36	-27	-4.36	309	118	H

Pk - Peak detector

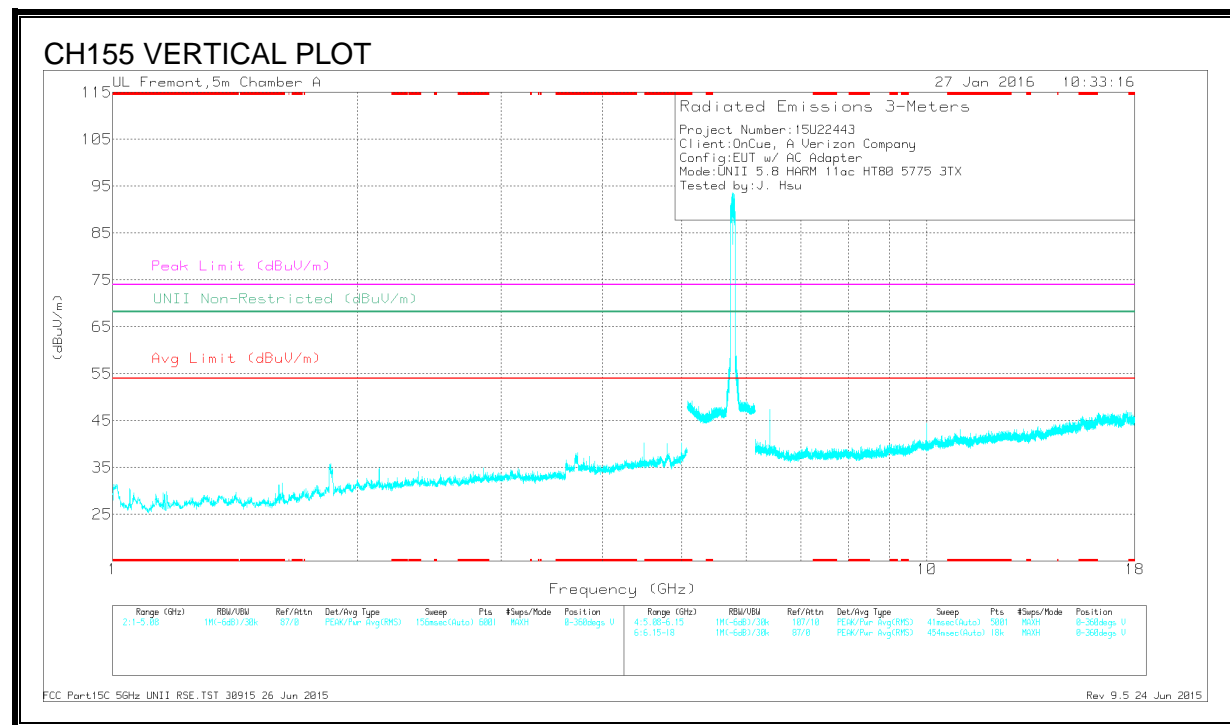
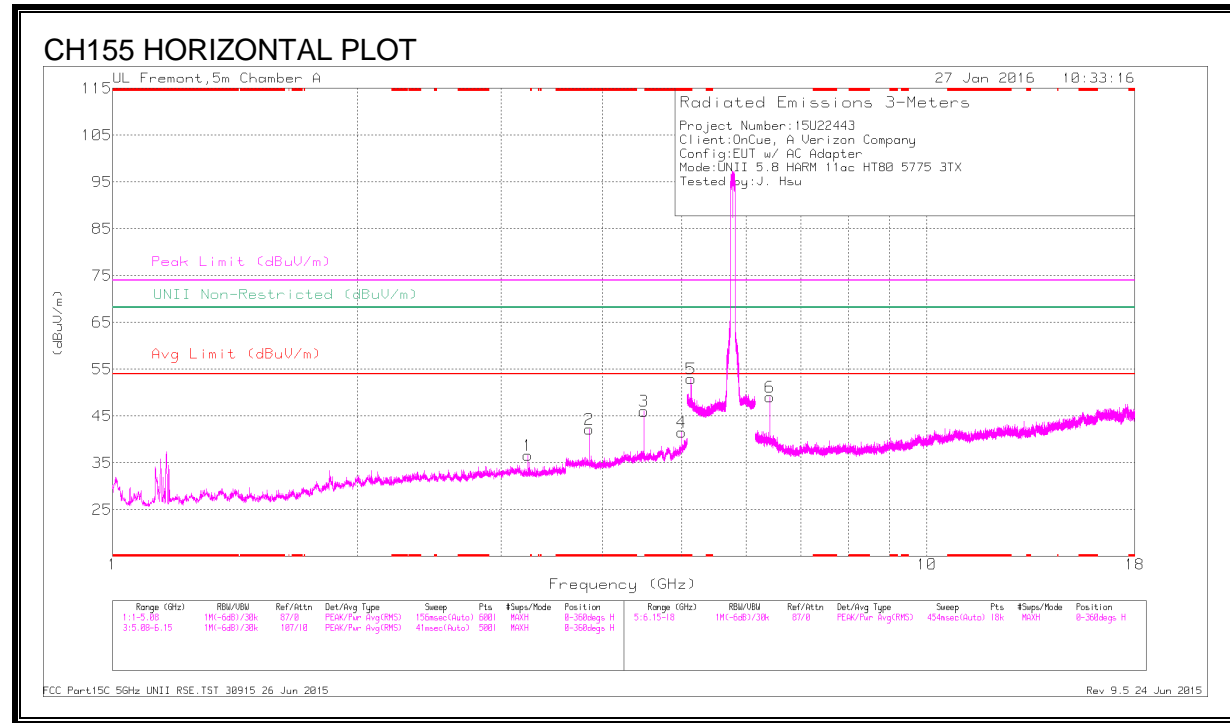


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-63.4	Pk	35.1	-19.7	11.8	-36.2	-17	-19.2	234	301	V
2	5.862	-61.3	Pk	35.1	-19.8	11.8	-34.2	-27	-7.2	234	301	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**





**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.85	40.54	Pk	33.4	-31.8	0	42.14	-	-	74	-31.86	-	-	0-360	100	H
4	* 5	36.46	Pk	34	-28.9	0	41.56	-	-	74	-32.44	-	-	0-360	201	H
5	* 5.134	38.73	Pk	34.2	-20	0	52.93	-	-	74	-21.07	-	-	0-360	100	H
1	3.237	37.34	Pk	32.7	-33.4	0	36.64	-	-	-	-	68.2	-31.56	0-360	100	H
3	4.492	42.53	Pk	33.9	-30.4	0	46.03	-	-	-	-	68.2	-22.17	0-360	100	H
6	6.417	41.3	Pk	35.5	-27.7	0	49.1	-	-	-	-	68.2	-19.1	0-360	100	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.85	46.7	PK-U	33.4	-31.8	0	48.3	-	-	74	-25.7	-	-	8	229	H
* 3.85	40.27	ADR	33.4	-31.8	.17	42.04	54	-11.96	-	-	-	-	8	229	H
* 5	43.54	PK-U	34	-28.9	0	48.64	-	-	74	-25.36	-	-	318	190	H
* 5	34.77	ADR	34	-28.9	.17	40.04	54	-13.96	-	-	-	-	318	190	H
* 5.133	44.87	PK-U	34.2	-20	0	59.07	-	-	74	-14.93	-	-	316	129	H
* 5.133	36.59	ADR	34.2	-20	.17	50.96	54	-3.04	-	-	-	-	316	129	H
3.237	43.41	PK-U	32.7	-33.4	0	42.71	-	-	-	-	68.2	-25.49	328	117	H
4.492	47.12	PK-U	33.9	-30.4	0	50.62	-	-	-	-	68.2	-17.58	324	119	H
6.417	45.08	PK-U	35.5	-27.7	0	52.88	-	-	-	-	68.2	-15.32	172	102	H

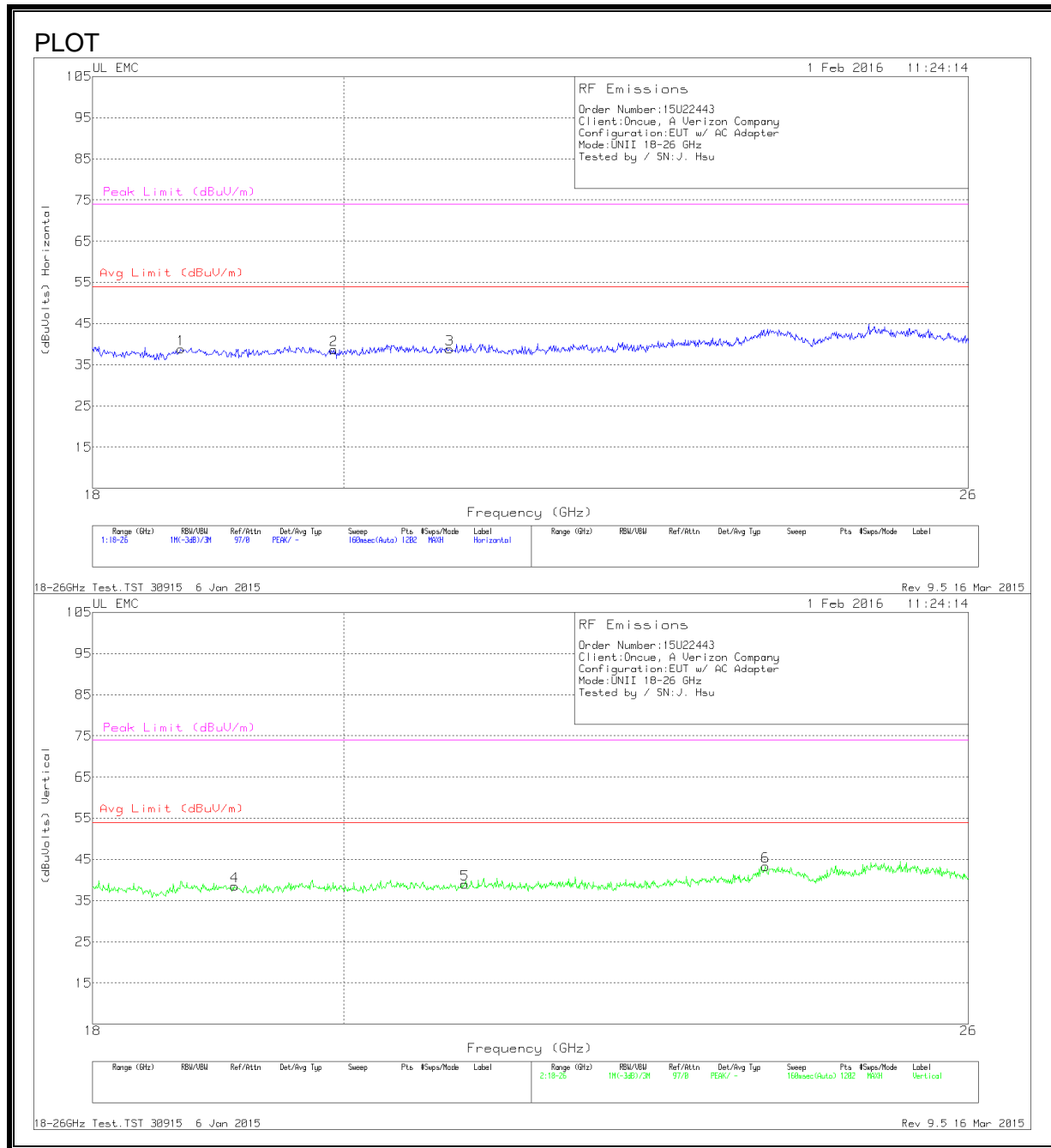
\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**10.26. WORST-CASE ABOVE 18GHz**

**SPURIOUS EMISSIONS 18 – 26GHz**

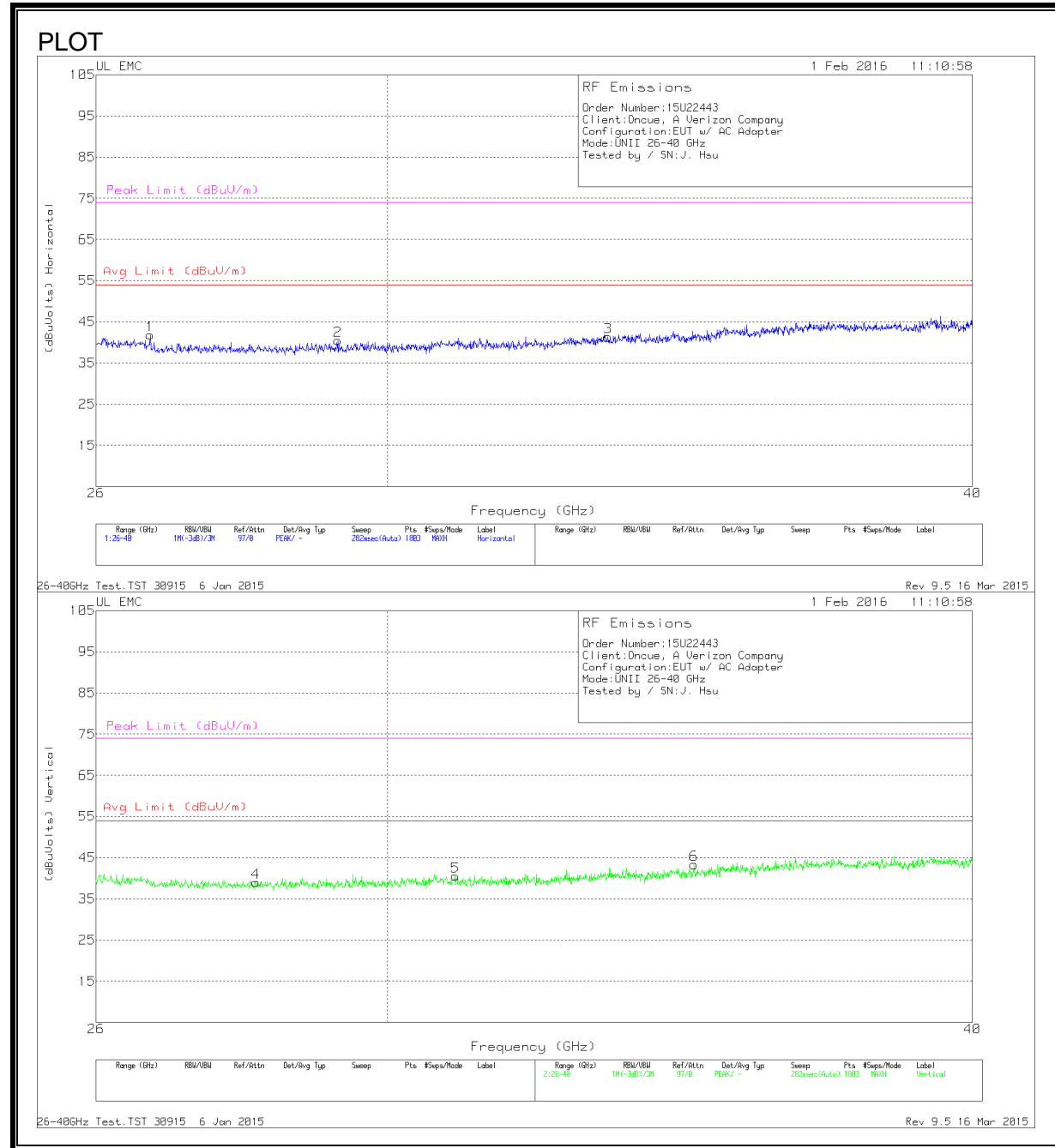


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T477 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	18.679	40.63	Pk	32.3	-24.6	-9.5	38.83	54	-15.17	74	-35.17
2	19.918	40.67	Pk	32.7	-25.2	-9.5	38.67	54	-15.33	74	-35.33
3	20.911	40.63	Pk	32.9	-25.2	-9.5	38.83	54	-15.17	74	-35.17
4	19.106	40.3	Pk	32.6	-24.9	-9.5	38.5	54	-15.5	74	-35.5
5	21.044	40.8	Pk	32.9	-25.2	-9.5	39	54	-15	74	-35
6	23.875	43.23	Pk	33.7	-24.1	-9.5	43.33	54	-10.677	74	-30.67

Pk - Peak detector

**SPURIOUS EMISSIONS 26 – 40GHz**



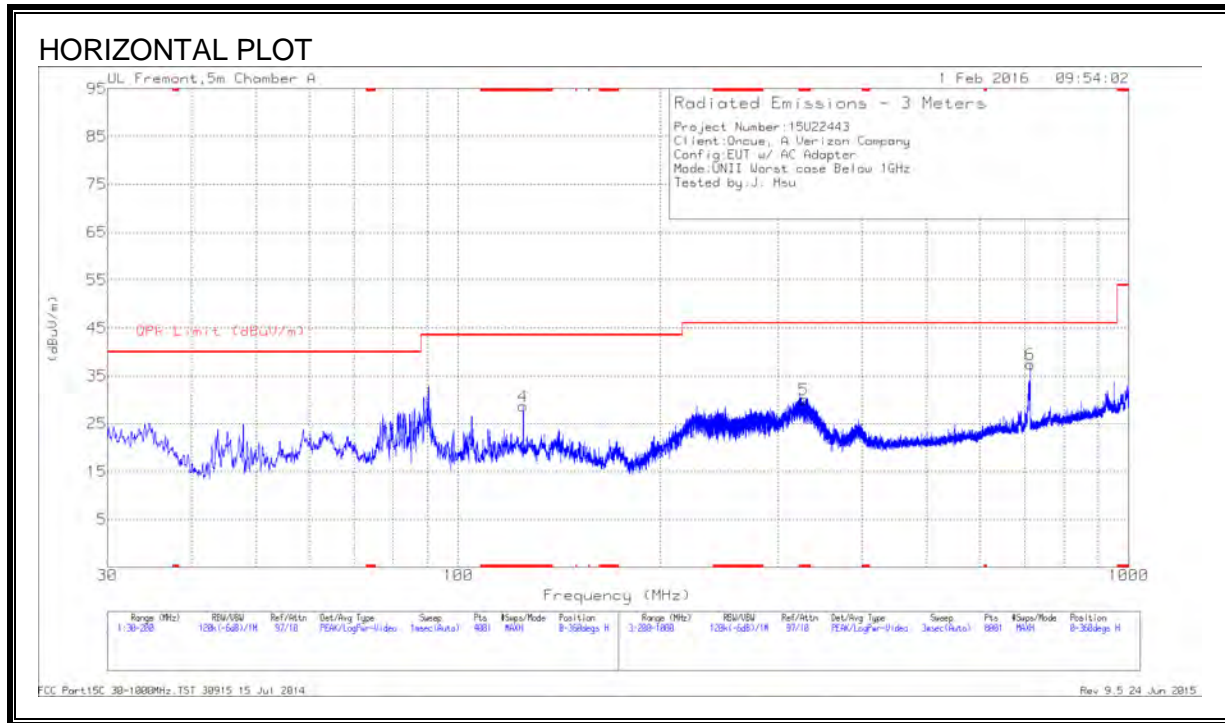
Trace Markers

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	26.699	46.53	Pk	35.3	-30.5	-9.5	41.83	54	-12.17	74	-32.17
2	29.279	46.5	Pk	35.9	-32.4	-9.5	40.5	54	-13.5	74	-33.5
3	33.435	46.63	Pk	37.1	-32.9	-9.5	41.33	54	-12.67	74	-32.67
4	28.125	44.5	Pk	35.8	-31.8	-9.5	39	54	-15	74	-35
5	31.019	46.9	Pk	35.9	-32.8	-9.5	40.5	54	-13.5	74	-33.5
6	34.88	48.83	Pk	37.2	-33.2	-9.5	43.33	54	-10.67	74	-30.67

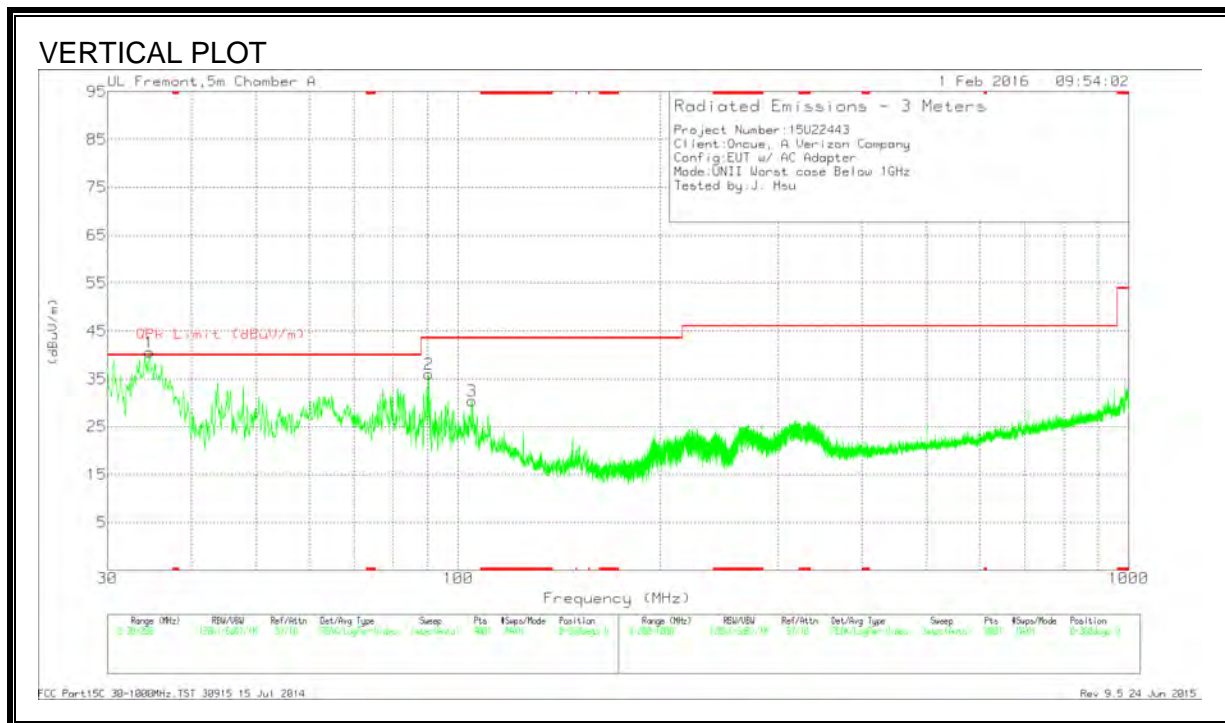
Pk - Peak detector

**10.27. WORST-CASE BELOW 1 GHz**

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



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



**DATA**

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T477 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 124.9875	41.27	Pk	17.8	-30.4	28.67	43.52	-14.85	0-360	199	H
5	* 327.6	41.41	Pk	17.9	-29.3	30.01	46.02	-16.01	0-360	101	H
1	34.6325	50	Pk	21.8	-31.2	40.6	<b>40</b>	<b>.6</b>	0-360	101	V
2	90.35	54.99	Pk	11.6	-30.6	35.99	43.52	-7.53	0-360	101	V
3	104.7575	45.4	Pk	15.5	-30.5	30.4	43.52	-13.12	0-360	101	V
6	712.6	41.26	Pk	24.4	-28.3	37.36	46.02	-8.66	0-360	199	H

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Pk - Peak detector

Radiated Emissions

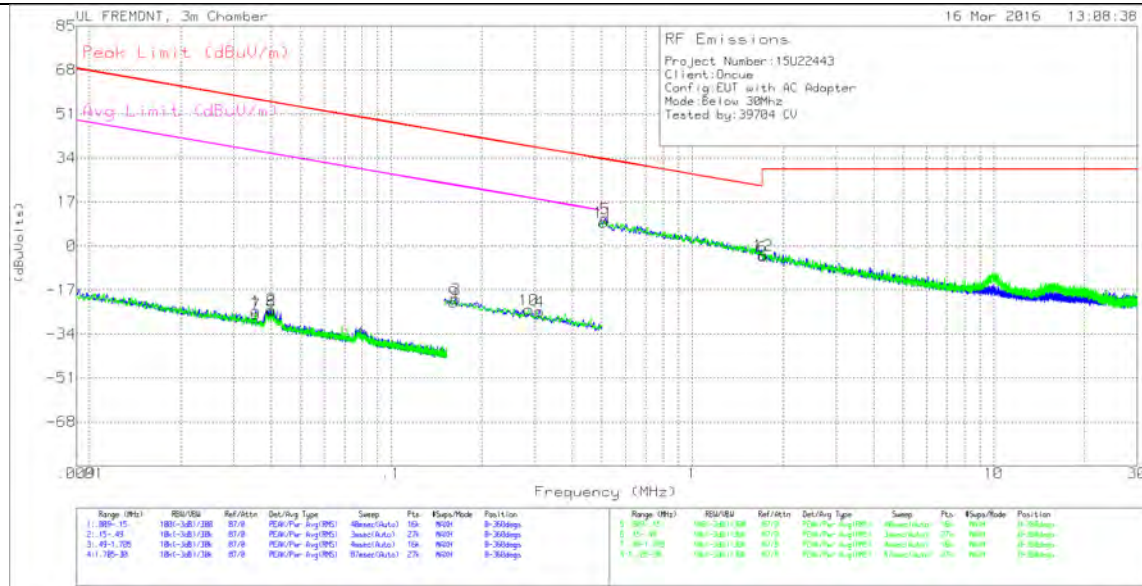
Frequency (MHz)	Meter Reading (dBuV)	Det	AF T477 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
34.4405	42.27	Qp	21.9	-31.2	32.97	40	-7.03	228	122	V

\* - indicates frequency in CFR15.205/IC 8.10 Restricted Band

Qp - Quasi-Peak detector

### 10.28. WORST-CASE BELOW 30 MHz

#### RESULTS



FCC 15.209 Below 30MHz.TST

Rev. 9.5.26 Feb. 2016

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
7	.03551	39.64	Pk	12.5	1.4	-80	-26.46	56.6	-83.06	36.6	-63.06	0-360
1	.03554	40.99	Pk	12.5	1.4	-80	-25.11	56.59	-81.7	36.59	-61.7	0-360
2	.03998	41.99	Pk	12.1	1.4	-80	-24.51	55.57	-80.08	35.57	-60.08	0-360
8	.04012	41.26	Pk	12.1	1.4	-80	-25.24	55.54	-80.78	35.54	-60.78	0-360
9	.16147	45.9	Pk	10.8	1.5	-80	-21.8	43.44	-65.24	23.44	-45.24	0-360
3	.16412	47.18	Pk	10.8	1.5	-80	-20.52	43.3	-63.82	23.3	-43.82	0-360
10	.28651	43.02	Pk	10.8	1.5	-80	-24.68	38.46	-63.14	18.46	-43.14	0-360
4	.31146	42.31	Pk	10.8	1.5	-80	-25.39	37.74	-63.13	17.74	-43.13	0-360

#### Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
11	.50718	37.01	Pk	10.6	1.5	-40	9.11	33.5	-24.39	-	-	0-360
5	.51345	38.43	Pk	10.6	1.5	-40	10.53	33.39	-22.86	-	-	0-360
6	1.71443	23.53	Pk	10.8	1.5	-40	-4.17	29.54	-33.71	-	-	0-360
12	1.71967	24.11	Pk	10.8	1.5	-40	-3.59	29.54	-33.13	-	-	0-360

#### Pk - Peak detector

FCC 15.209 Below 30MHz.TST

Note: The anechoic chamber has been properly calibrated so that the measurement results correspond to what would be obtained from an open field sites.



## 11. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

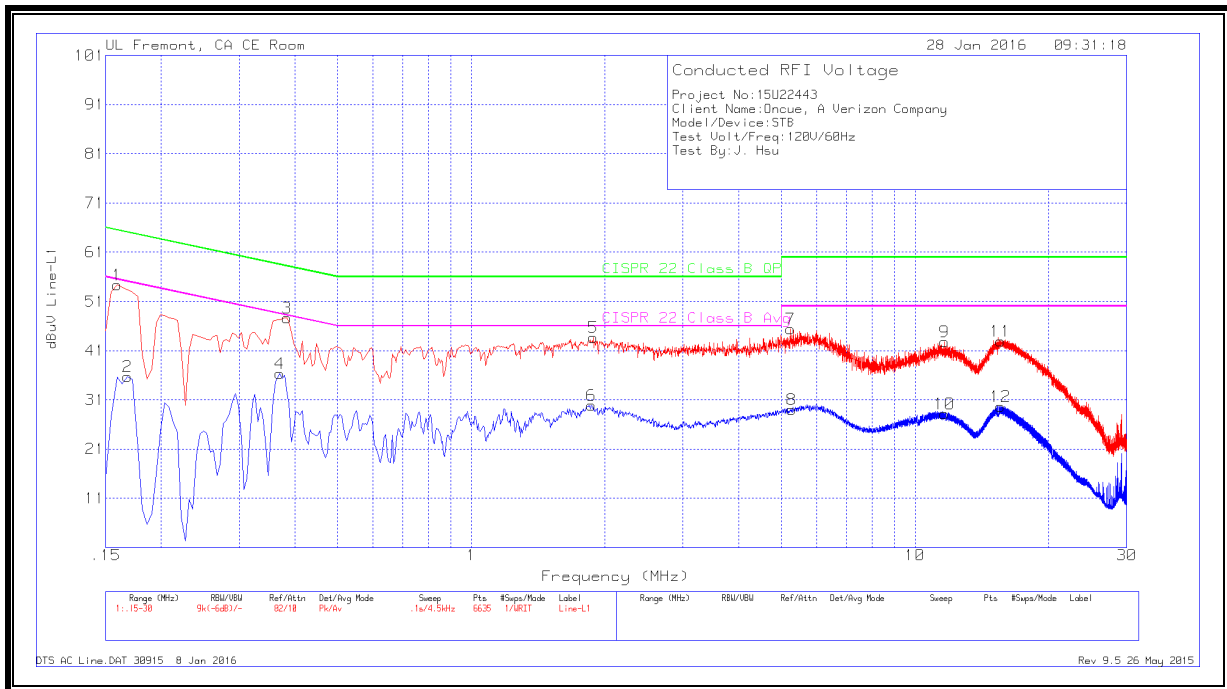
FCC §15.207 (a)

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**

**LINE 1 RESULTS**



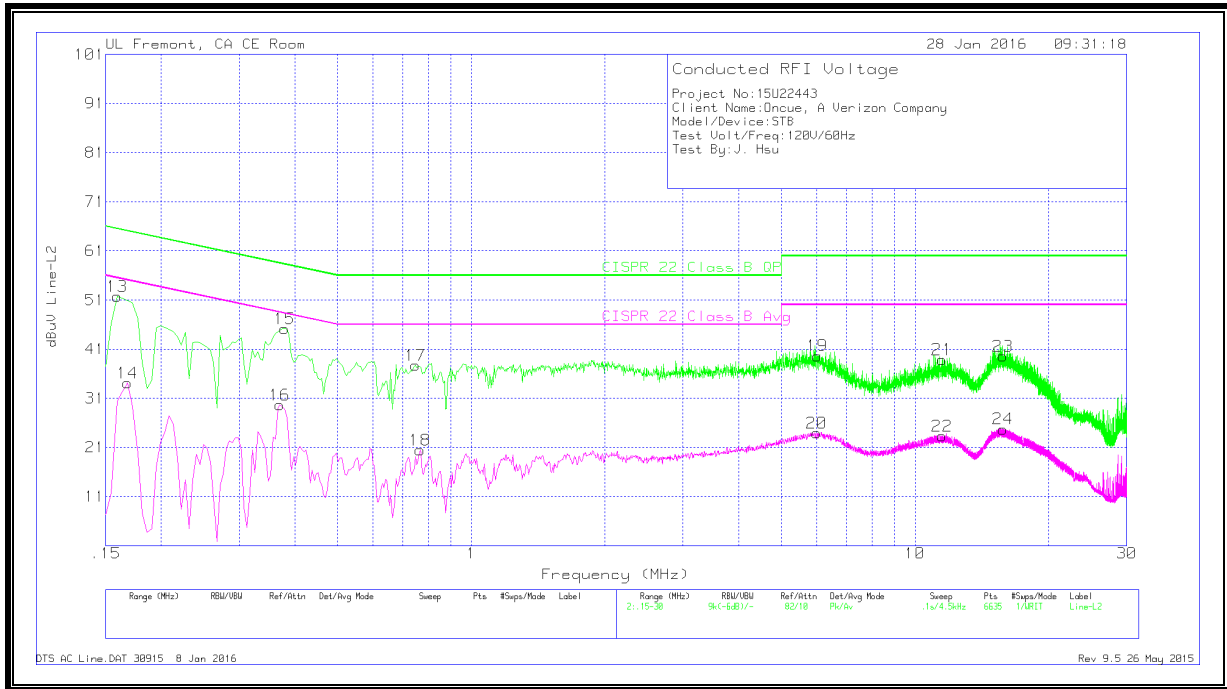
Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.159	54.33	Pk	0	0	54.33	65.52	-11.19		
2	.168	35.77	Av	0	0	35.77	-	-	55.06	-19.29
3	.384	47.7	Pk	0	0	47.7	58.19	-10.49		
4	.3705	36.31	Av	0	0	36.31	-	-	48.49	-12.18
5	1.8825	43.56	Pk	0	.1	43.66	56	-12.34		
6	1.8645	29.82	Av	0	.1	29.92	-	-	46	-16.08
7	5.235	45.27	Pk	0	.1	45.37	60	-14.63		
8	5.2755	28.93	Av	0	.1	29.03	-	-	50	-20.97
9	11.652	42.62	Pk	0	.2	42.82	60	-17.18		
10	11.634	27.9	Av	0	.2	28.1	-	-	50	-21.9
11	15.603	42.78	Pk	0	.2	42.98	60	-17.02		
12	15.585	29.5	Av	0	.2	29.7	-	-	50	-20.3

Pk - Peak detector

Av - Average detection

**LINE 2 RESULTS**



Range 2: Line-L2 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.159	51.72	Pk	0	0	51.72	65.52	-13.8		
14	.168	34.09	Av	0	0	34.09	-	-	55.06	-20.97
15	.3795	45.17	Pk	0	0	45.17	58.29	-13.12		
16	.3705	29.59	Av	0	0	29.59	-	-	48.49	-18.9
17	.7485	37.73	Pk	0	0	37.73	56	-18.27		
18	.7665	20.46	Av	0	0	20.46	-	-	46	-25.54
19	6.018	39.54	Pk	0	.1	39.64	60	-20.36		
20	6.009	23.84	Av	0	.1	23.94	-	-	50	-26.06
21	11.5035	38.69	Pk	0	.2	38.89	60	-21.11		
22	11.508	23.12	Av	0	.2	23.32	-	-	50	-26.68
23	15.783	39.38	Pk	0	.2	39.58	60	-20.42		
24	15.783	24.54	Av	0	.2	24.74	-	-	50	-25.26

Pk - Peak detector

Av - Average detection