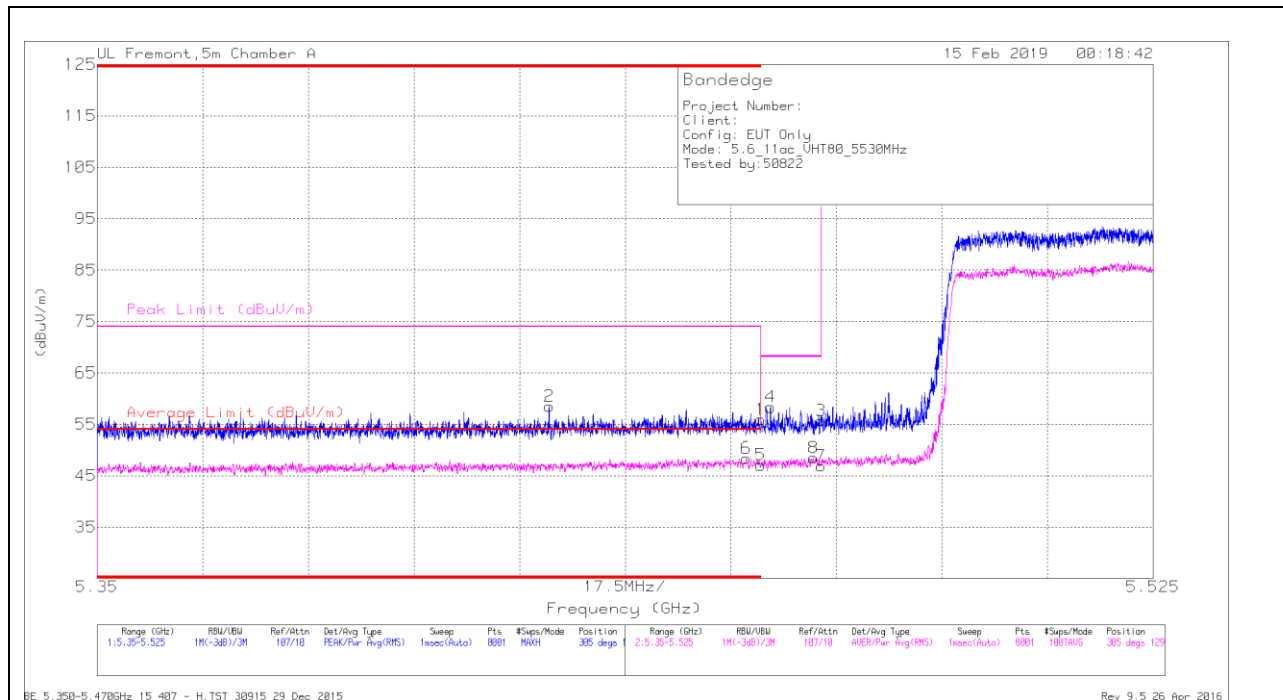


9.1.9. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



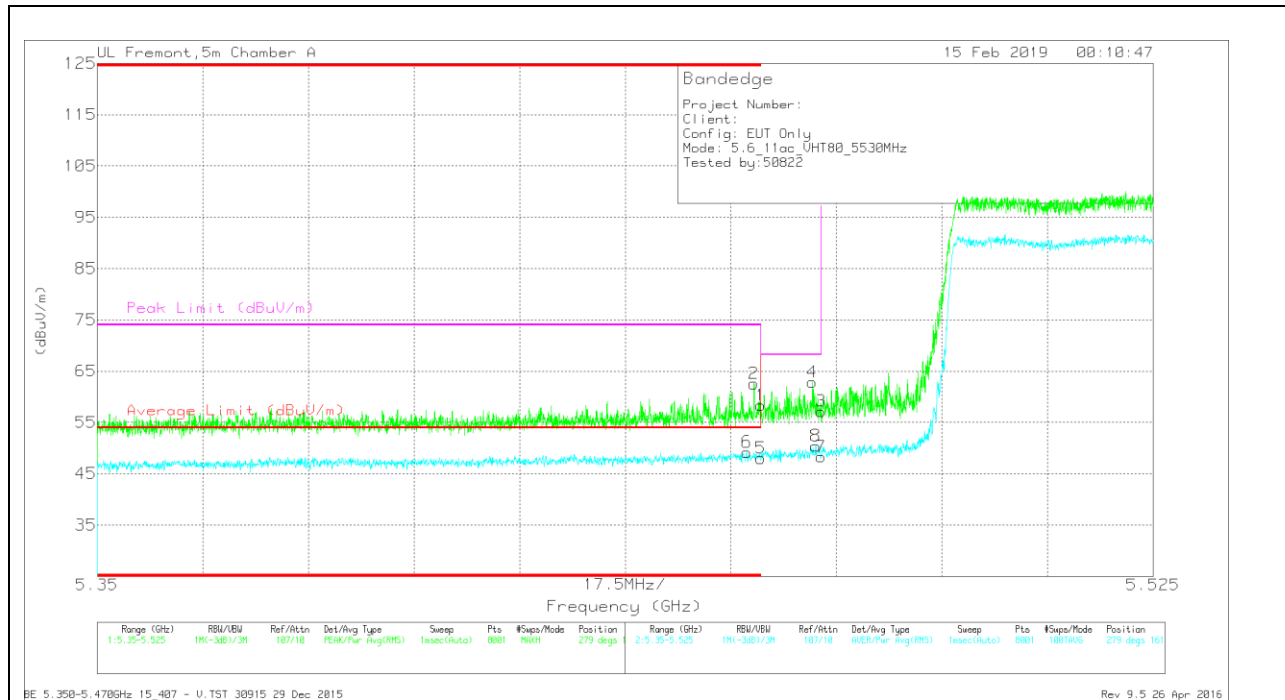
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.65	Pk	34.6	-18.3	0	55.95	-	-	74	-18.05	305	129	H
2	* 5.425	42.28	Pk	34.6	-18.4	0	58.48	-	-	74	-15.52	305	129	H
3	5.47	39.29	PK	34.6	-18.2	0	55.69	-	-	68.2	-12.51	305	129	H
4	5.462	42.05	PK	34.6	-18.3	0	58.35	-	-	68.2	-9.85	305	129	H
5	* 5.46	30.59	RMS	34.6	-18.3	.21	47.1	54	-6.9	-	-	305	129	H
6	* 5.458	31.89	RMS	34.6	-18.3	.21	48.4	54	-5.6	-	-	305	129	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Ch/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	42.03	Pk	34.6	-18.3	0	58.33	-	-	74	-15.67	279	161	V
2	* 5.459	46.28	Pk	34.6	-18.3	0	62.58	-	-	74	-11.42	279	161	V
3	5.47	40.77	Pk	34.6	-18.2	0	57.17	-	-	68.2	-11.03	279	161	V
4	5.468	46.45	Pk	34.6	-18.2	0	62.85	-	-	68.2	-5.35	279	161	V
5	* 5.46	31.52	RMS	34.6	-18.3	-21	48.03	54	-5.97	-	-	279	161	V
6	* 5.458	32.69	RMS	34.6	-18.3	-21	49.2	54	-4.8	-	-	279	161	V

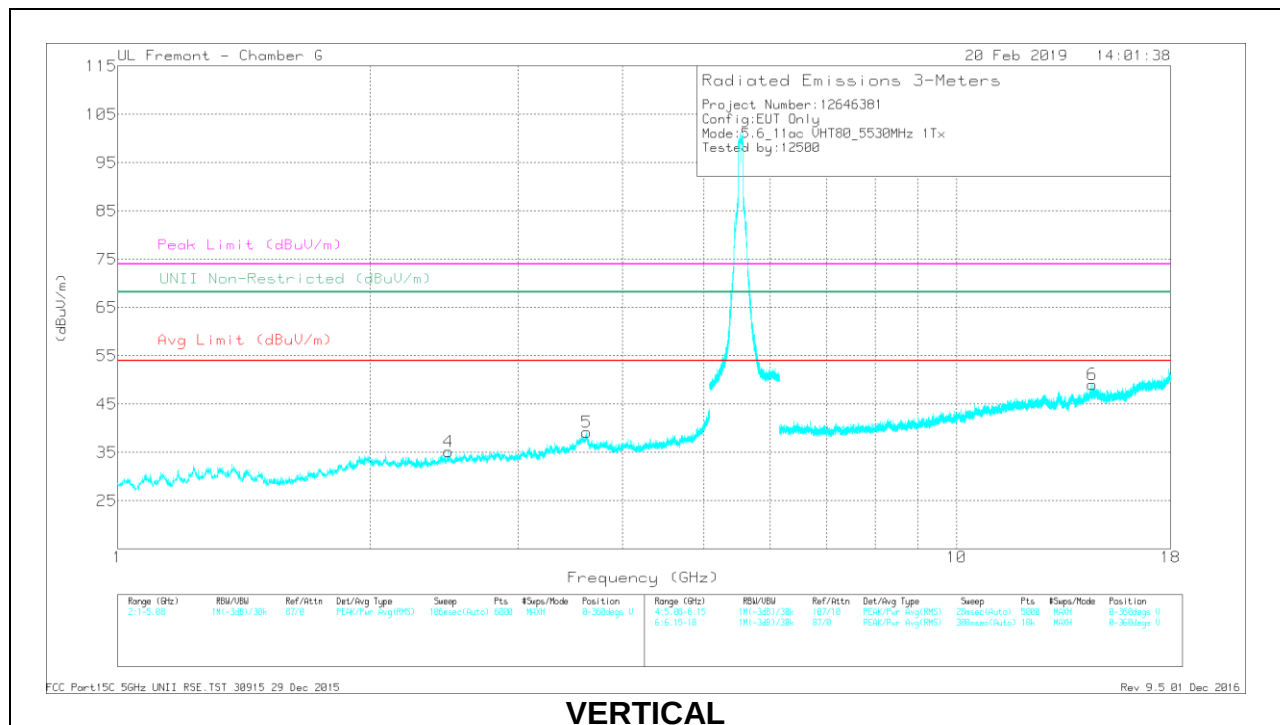
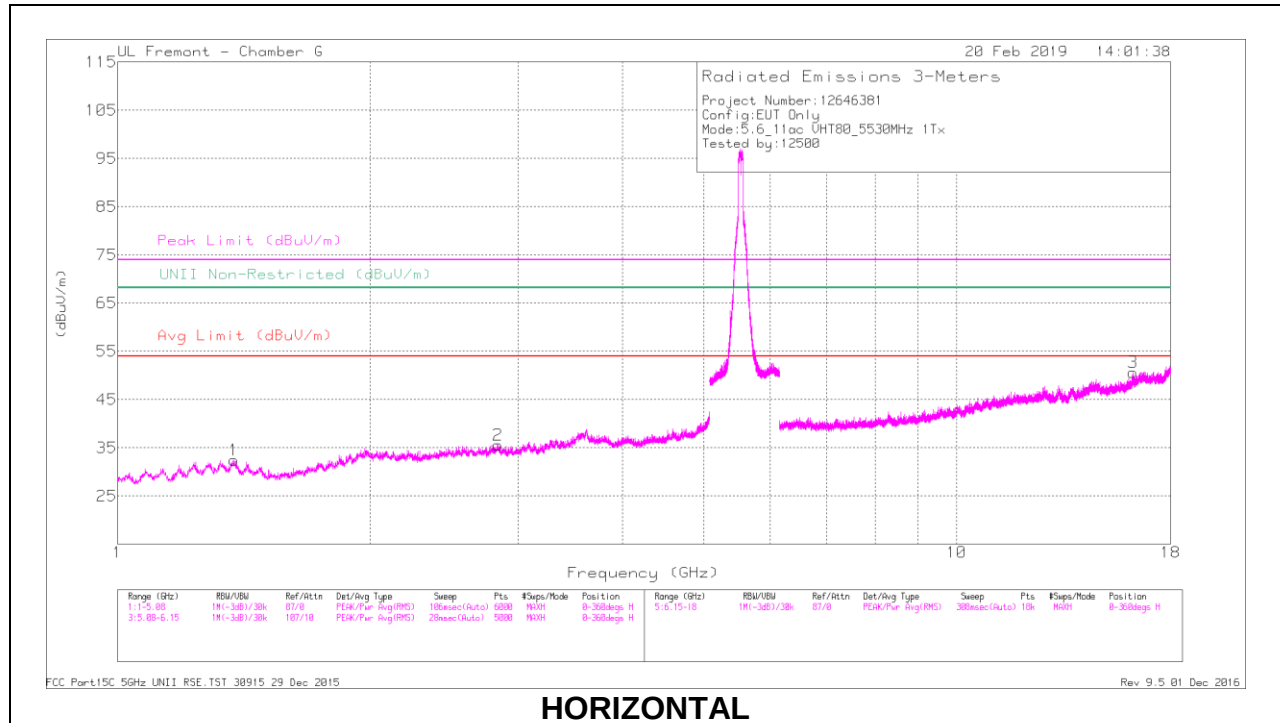
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

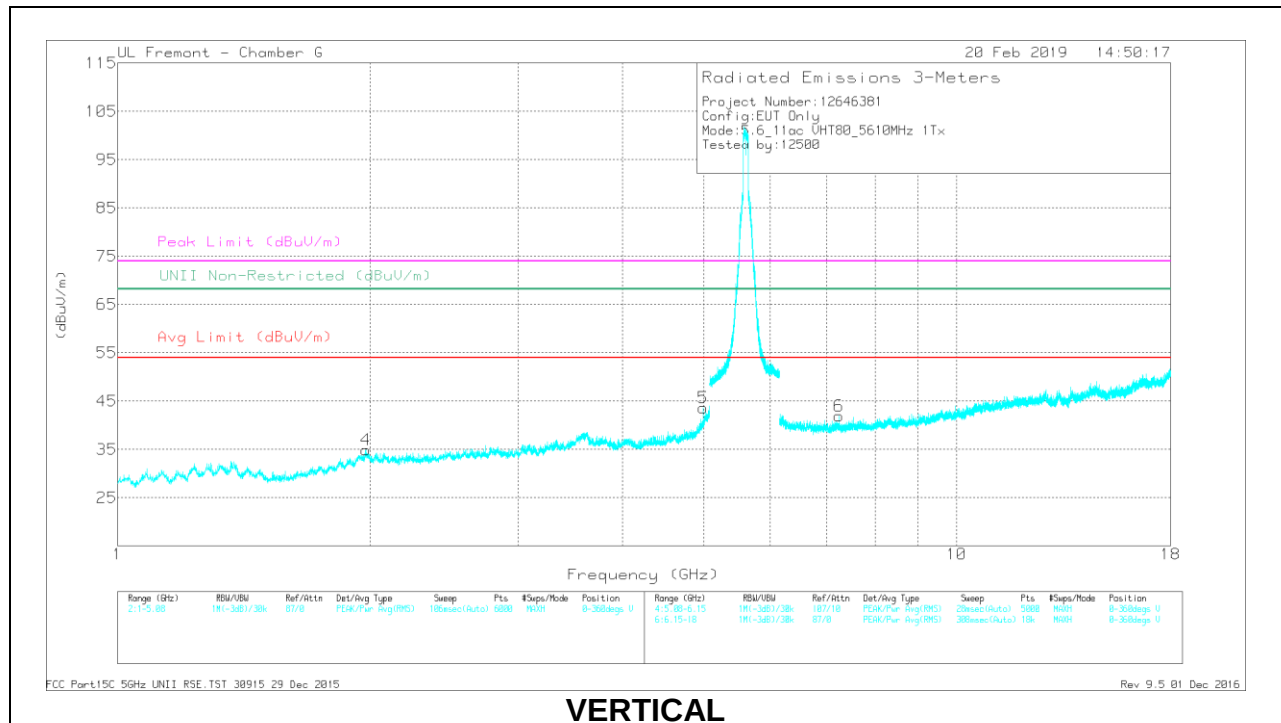
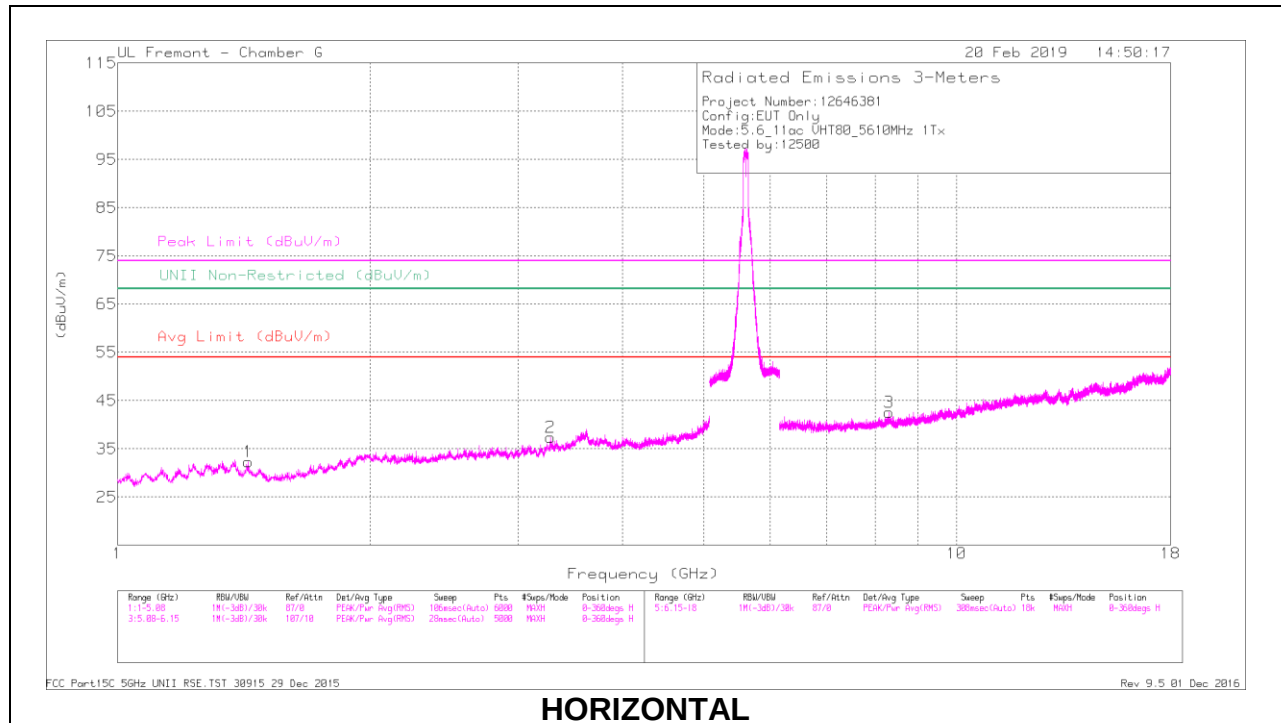
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb l/Filtr/Pa d (dB)	DC Corr (dB)	Correcte d Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.376	42.89	PK-U	29.6	-33	0	39.49	-	-	74	-34.51	-	-	148	377	H
	* 1.376	31.25	ADR	29.6	-33	.21	28.06	54	-25.94	-	-	-	-	148	377	H
2	* 2.839	41.47	PK-U	32.7	-30.9	0	43.27	-	-	74	-30.73	-	-	24	278	H
	* 2.842	29.36	ADR	32.7	-30.9	.21	31.37	54	-22.63	-	-	-	-	24	278	H
5	* 3.621	41.42	PK-U	35.7	-30.5	0	46.62	-	-	74	-27.38	-	-	18	256	V
	* 3.624	29.56	ADR	35.5	-30.5	.21	34.77	54	-19.23	-	-	-	-	18	256	V
4	2.482	41.73	PK-U	32.4	-31.8	0	42.33	-	-	-	-	68.2	-25.87	170	206	V
6	14.519	37.47	PK-U	40.3	-23.1	0	54.67	-	-	-	-	68.2	-13.53	356	324	V
3	16.24	36.69	PK-U	41.3	-21.3	0	56.69	-	-	-	-	68.2	-11.51	55	365	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

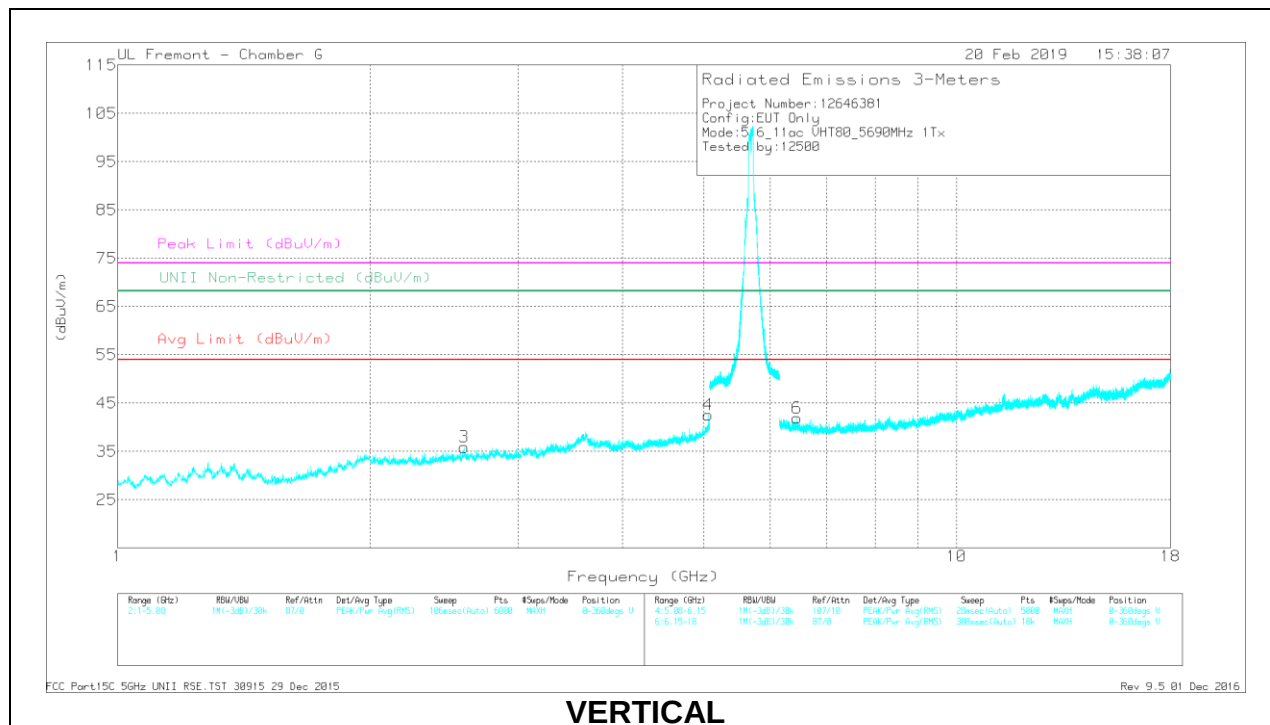
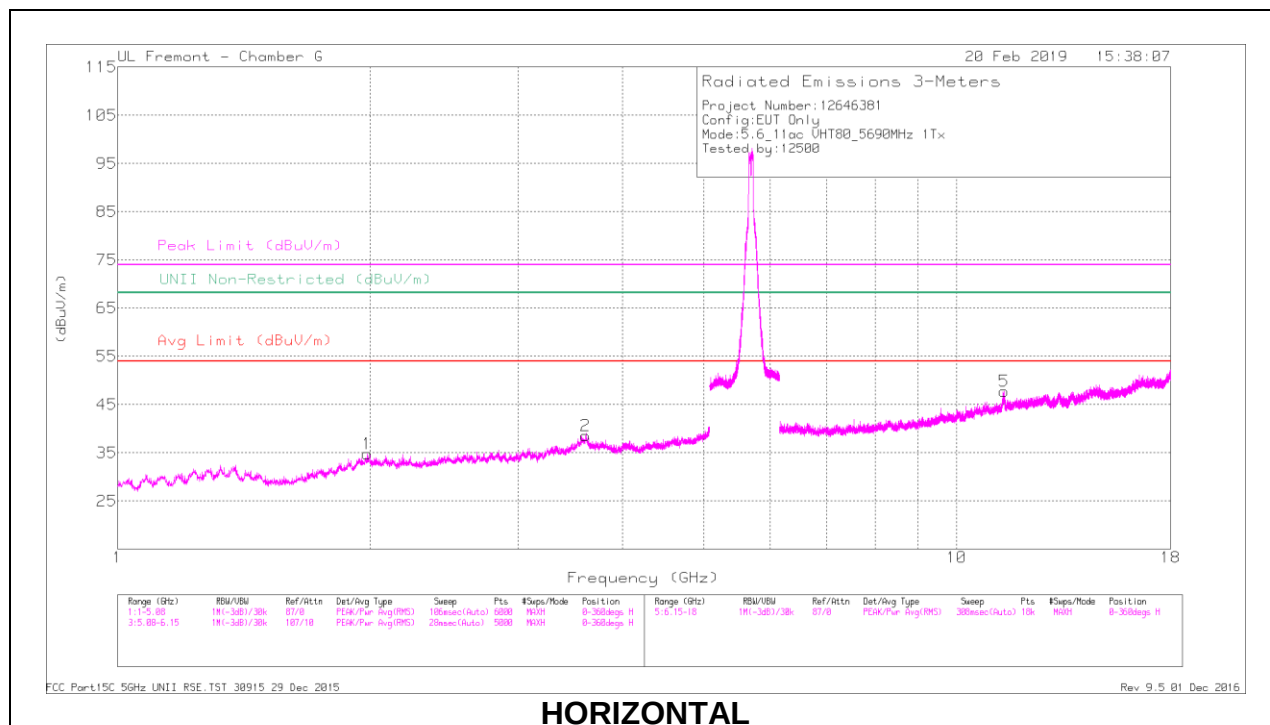
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb l/Filtr/Pa d (dB)	DC Corr (dB)	Correcte d Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 4.988	44.83	PK-U	34.2	-28.7	0	50.33	-	-	74	-23.67	-	-	234	189	V
	* 4.987	34.9	ADR	34.2	-28.7	.21	40.61	54	-13.39	-	-	-	-	234	189	V
3	* 8.304	38.42	PK-U	36.1	-25.6	0	48.92	-	-	74	-25.08	-	-	4	278	H
	* 8.307	26.44	ADR	36.1	-25.5	.21	37.25	54	-16.75	-	-	-	-	4	278	H
1	1.432	42.29	PK-U	28.6	-32.6	0	38.29	-	-	-	-	68.2	-29.91	10	270	H
4	1.979	42.62	PK-U	32.1	-32.2	0	42.52	-	-	-	-	68.2	-25.68	4	163	V
2	3.285	41.45	PK-U	33.5	-30.6	0	44.35	-	-	-	-	68.2	-23.85	113	400	H
6	7.245	39.22	PK-U	35.9	-27.4	0	47.72	-	-	-	-	68.2	-20.48	291	210	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 138 RESULTS



RADIATED EMISSIONS

Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb l/Filtr/Pa d (dB)	DC Corr (dB)	Correcte d Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.615	40.6	PK-U	35.5	-30.4	0	45.7	-	-	74	-28.3	-	-	233	101	H
	* 3.617	28.66	ADR	35.7	-30.4	.21	34.17	54	-19.83	-	-	-	-	233	101	H
4	* 5.057	43.49	PK-U	34.3	-27.9	0	49.89	-	-	74	-24.11	-	-	229	182	V
	* 5.058	33.39	ADR	34.3	-27.9	.21	40	54	-14	-	-	-	-	229	182	V
5	* 11.393	38.88	PK-U	38.8	-22.8	0	54.88	-	-	74	-19.12	-	-	261	188	H
	* 11.391	27.35	ADR	38.8	-22.8	.21	43.56	54	-10.44	-	-	-	-	261	188	H
1	1.984	41.58	PK-U	32.1	-32.2	0	41.48	-	-	-	-	68.2	-26.72	165	103	H
3	2.59	41.88	PK-U	32.5	-31.5	0	42.88	-	-	-	-	68.2	-25.32	275	163	V
6	6.452	40.47	PK-U	36.1	-28.1	0	48.47	-	-	-	-	68.2	-19.73	231	201	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

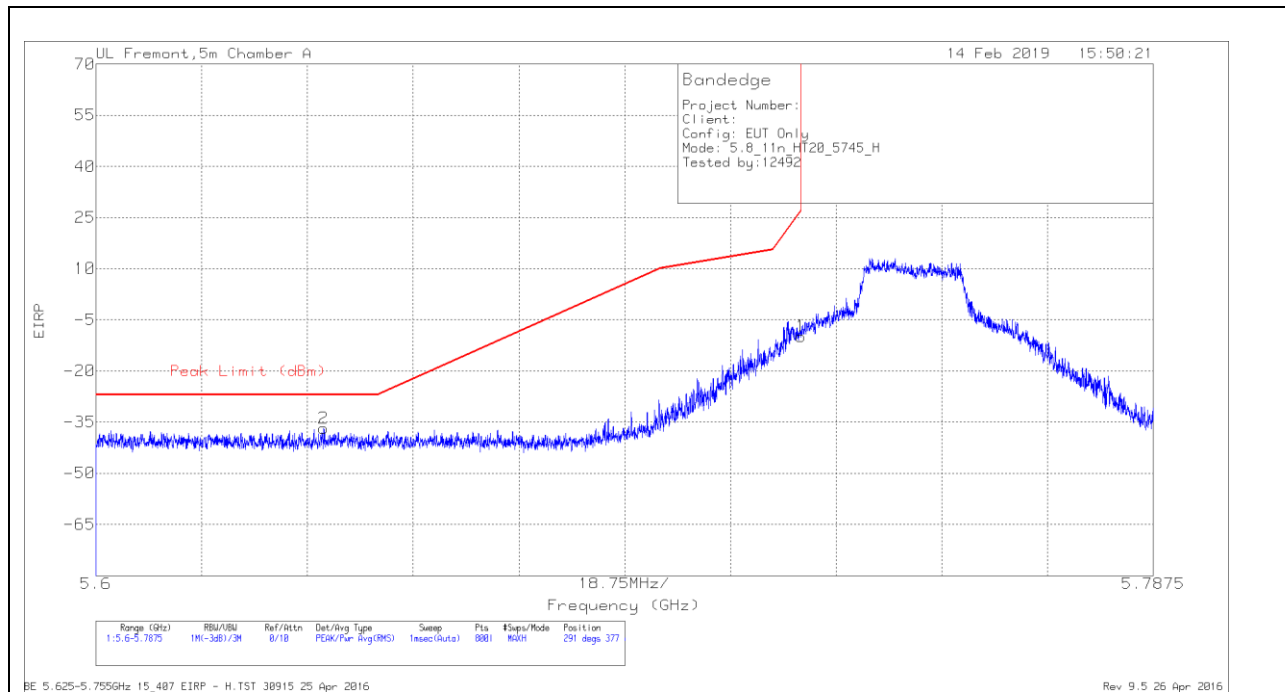
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.1.10. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz BAND

BANDEDGE (LOW CHANNEL)

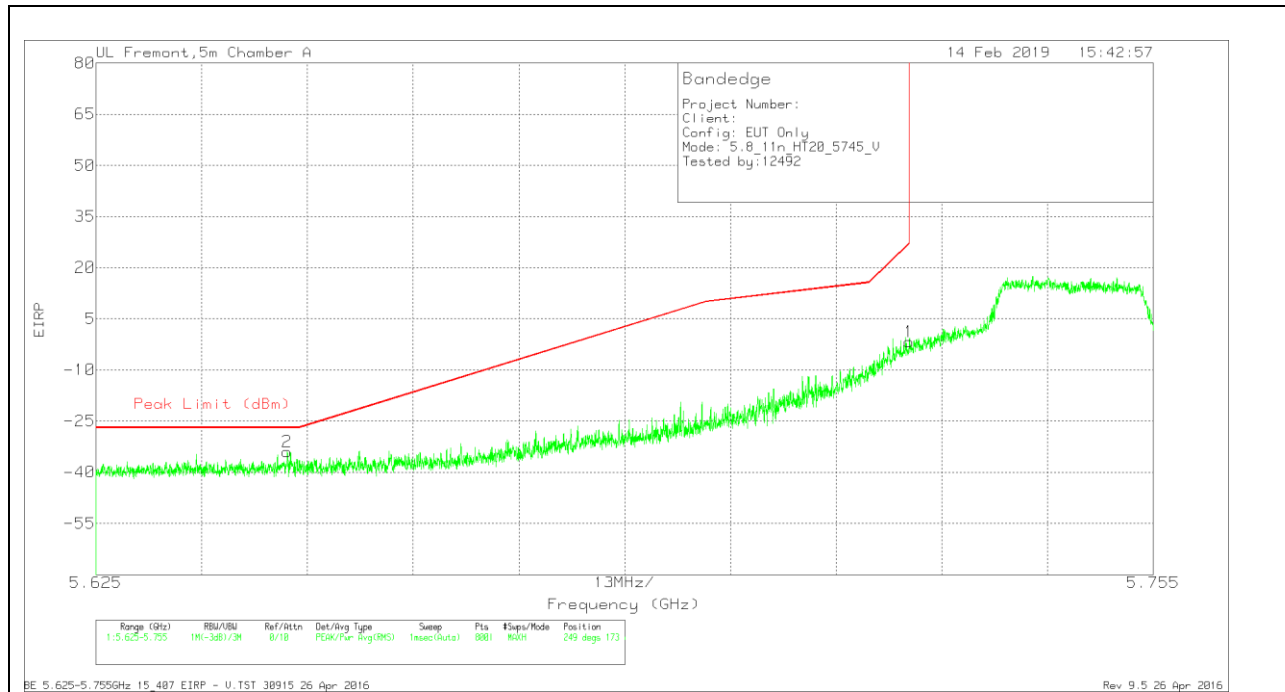
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cb/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-38.61	Pk	35	-18	11.8	-9.81	26.99	-36.8	291	377	H
2	5.64	-65.4	Pk	35	-18.2	11.8	-36.8	-27	-9.8	291	377	H

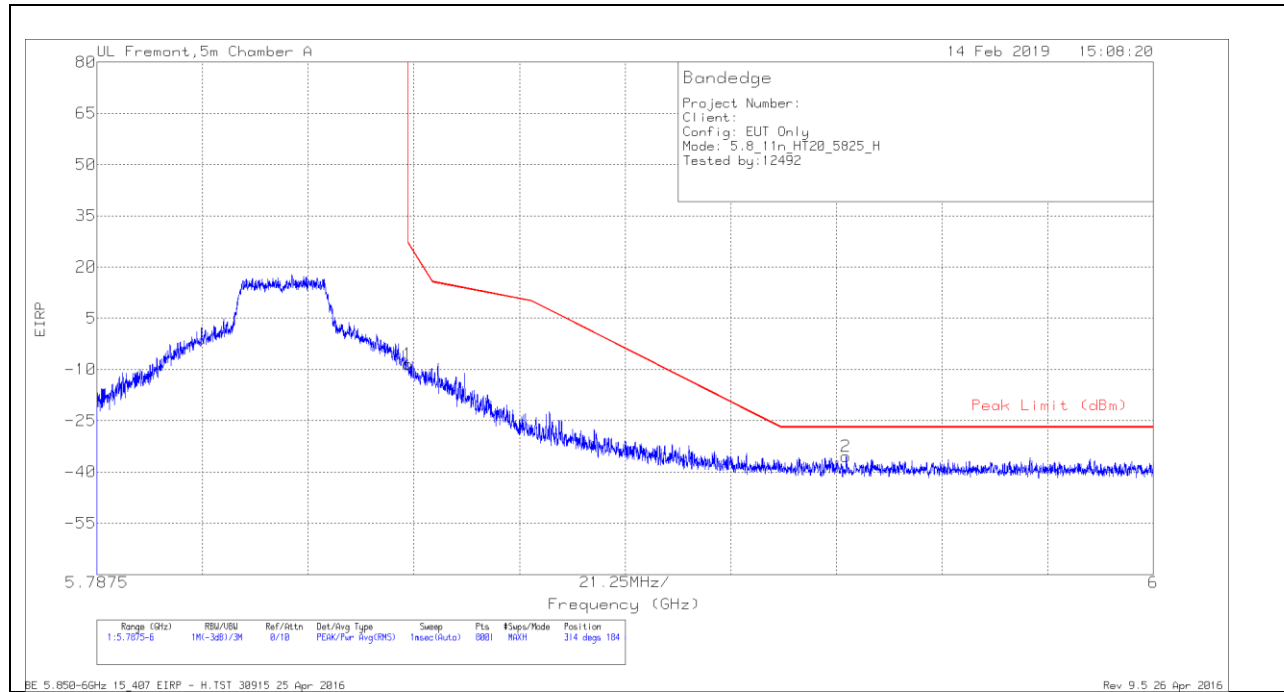
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-30.52	Pk	35	-18	11.8	-1.72	26.97	-28.69	249	173	V
2	5.649	-62.53	Pk	34.9	-18.2	11.8	-34.03	-27	-7.03	249	173	V

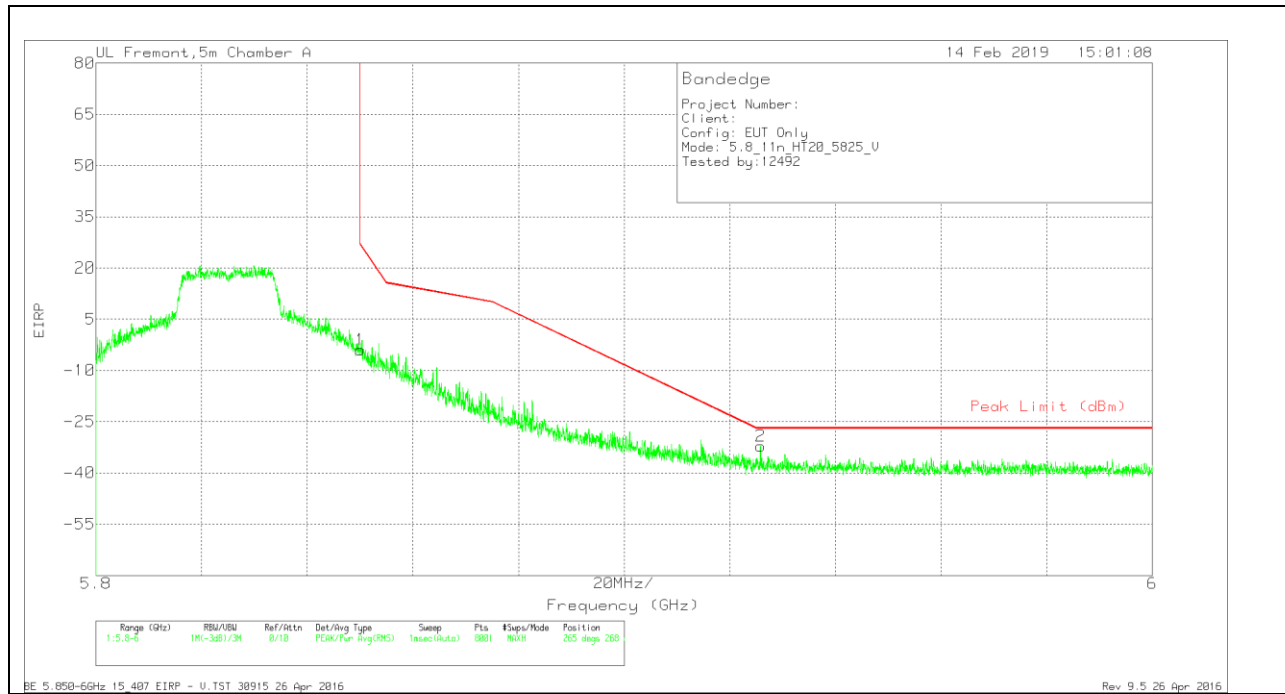
Pk - Peak detector

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-37.42	Pk	35.1	-17.8	11.8	-8.32	26.99	-35.31	314	184	H
2	5.938	-65.03	Pk	35.2	-17.4	11.8	-35.43	-27	-8.43	314	184	H

Pk - Peak detector

VERTICAL RESULT

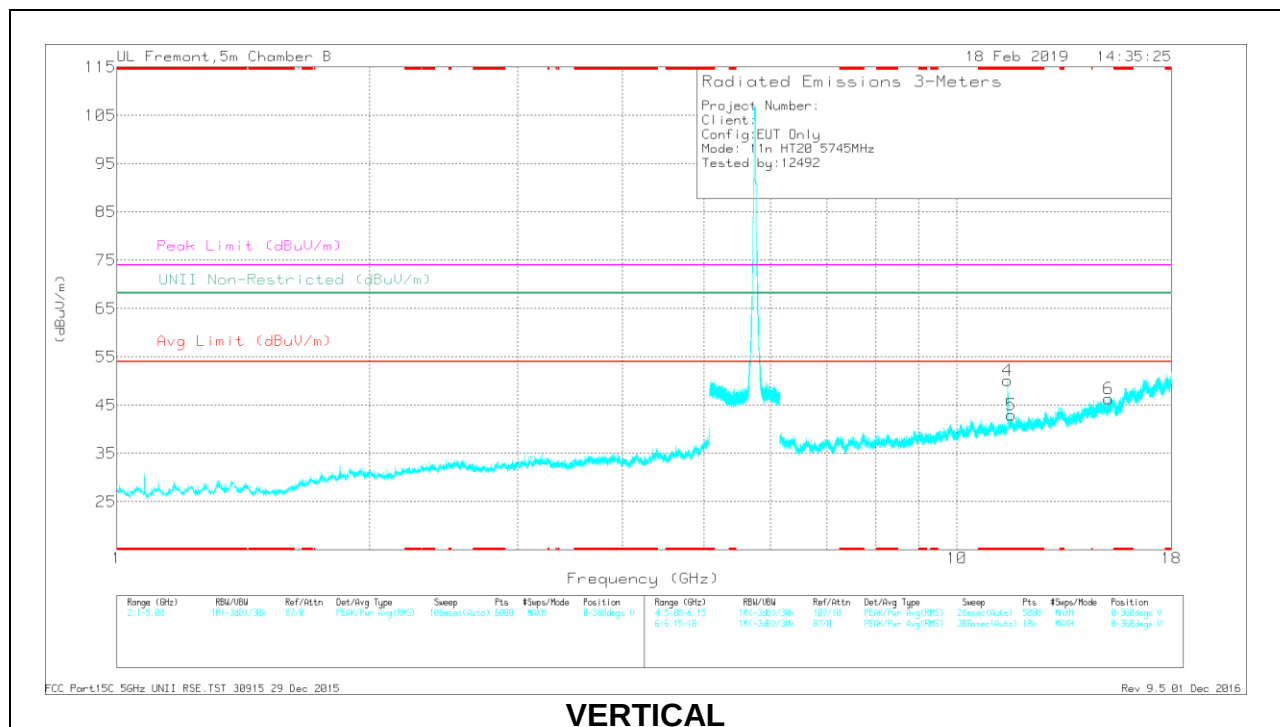
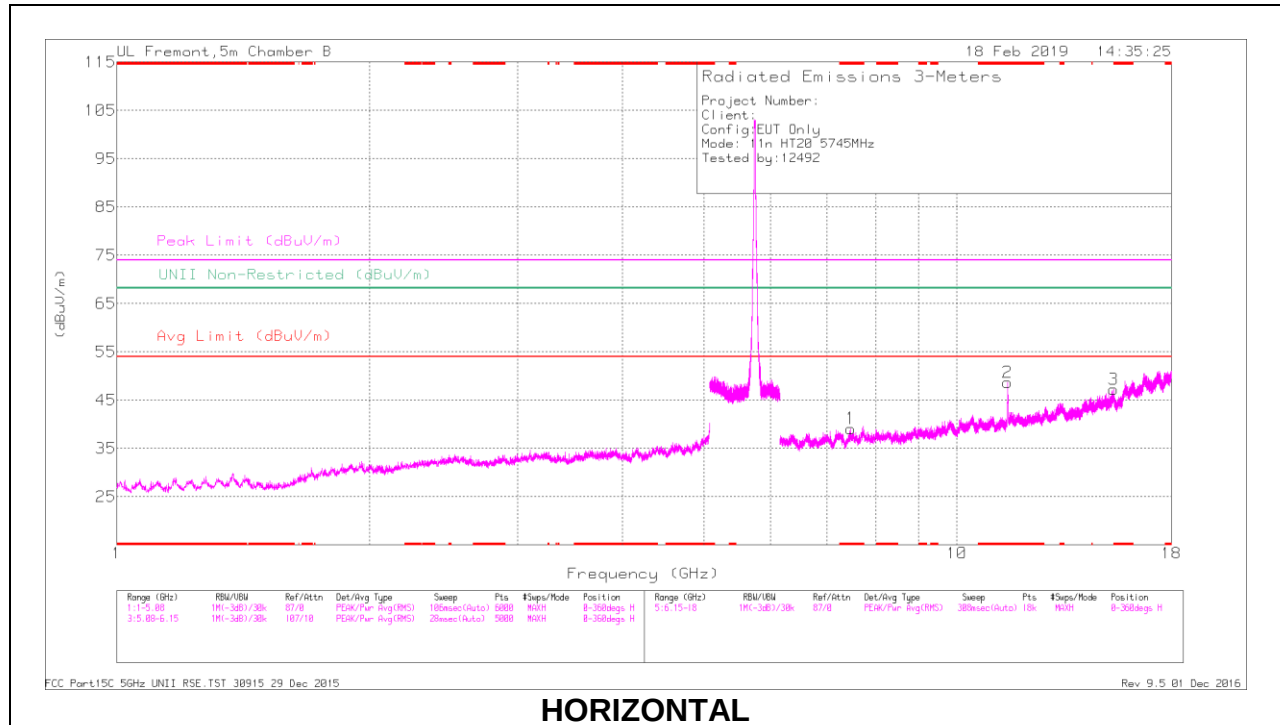


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-33.02	Pk	35.1	-17.8	11.8	-3.92	26.94	-30.86	265	268	V
2	5.926	-61.67	Pk	35.2	-17.5	11.8	-32.17	-27	-5.17	265	268	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

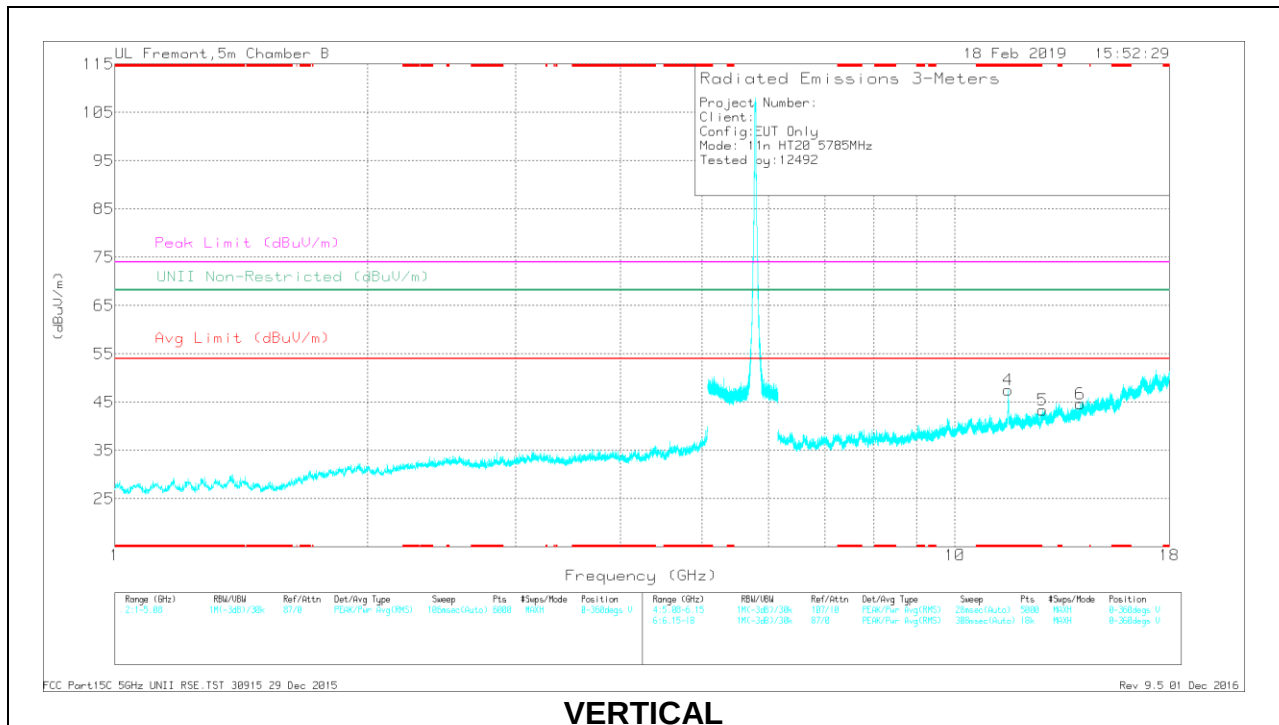
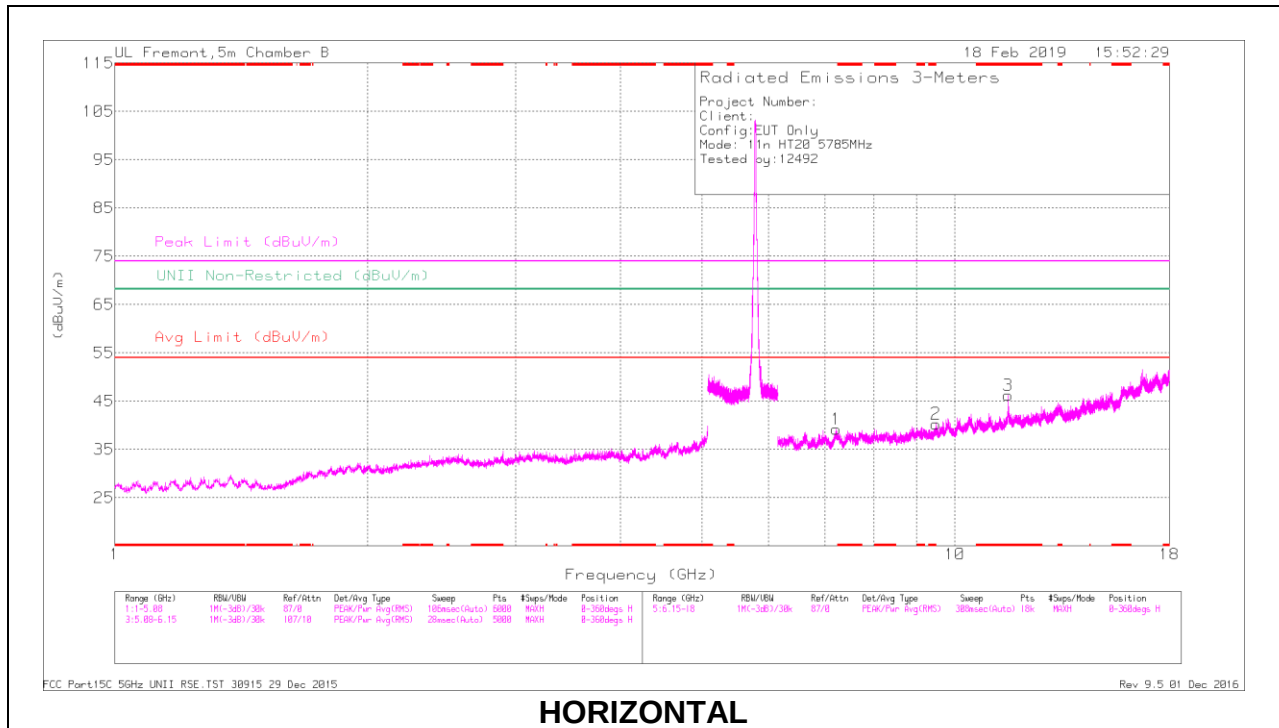
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb l/Filtr/Pa d (dB)	Correcte d Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.474	35.95	PK-U	36.1	-26.5	45.55	-	-	74	-28.45	-	-	41	127	H
	* 7.475	23.66	ADR	36.1	-26.5	33.26	54	-20.74	-	-	-	-	41	127	H
2	* 11.49	40.08	PK-U	38.4	-22.4	56.08	-	-	74	-17.92	-	-	280	212	H
	* 11.49	27.3	ADR	38.4	-22.4	43.3	54	-10.7	-	-	-	-	280	212	H
3	* 15.373	32.45	PK-U	41	-19	54.45	-	-	74	-19.55	-	-	353	353	H
	* 15.373	17.61	ADR	41	-19	39.61	54	-14.39	-	-	-	-	353	353	H
4	* 11.491	40.16	PK-U	38.4	-22.4	56.16	-	-	74	-17.84	-	-	328	139	V
	* 11.49	28.51	ADR	38.4	-22.4	44.51	54	-9.49	-	-	-	-	328	139	V
5	* 11.605	32.84	PK-U	38.6	-21.6	49.84	-	-	74	-24.16	-	-	356	120	V
	* 11.604	18.89	ADR	38.6	-21.6	35.89	54	-18.11	-	-	-	-	356	120	V
6	15.149	32.66	PK-U	40.7	-18.9	54.46	-	-	-	-	68.2	-13.74	304	155	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

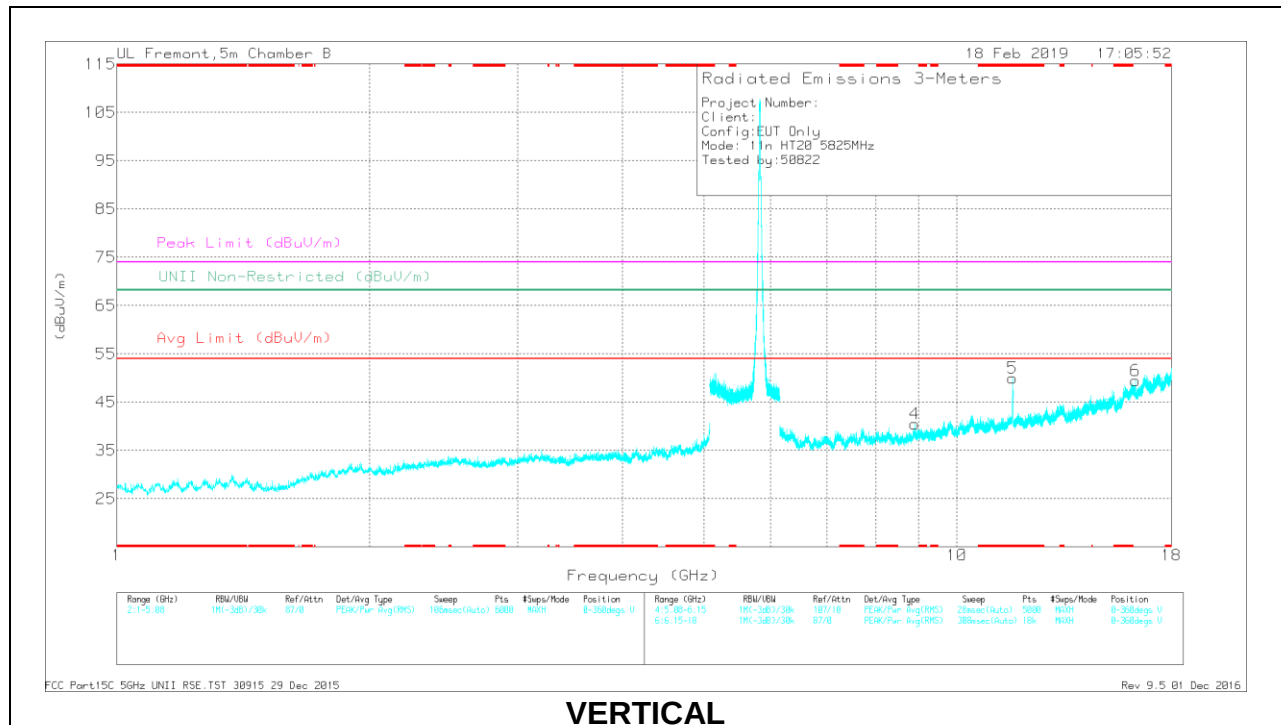
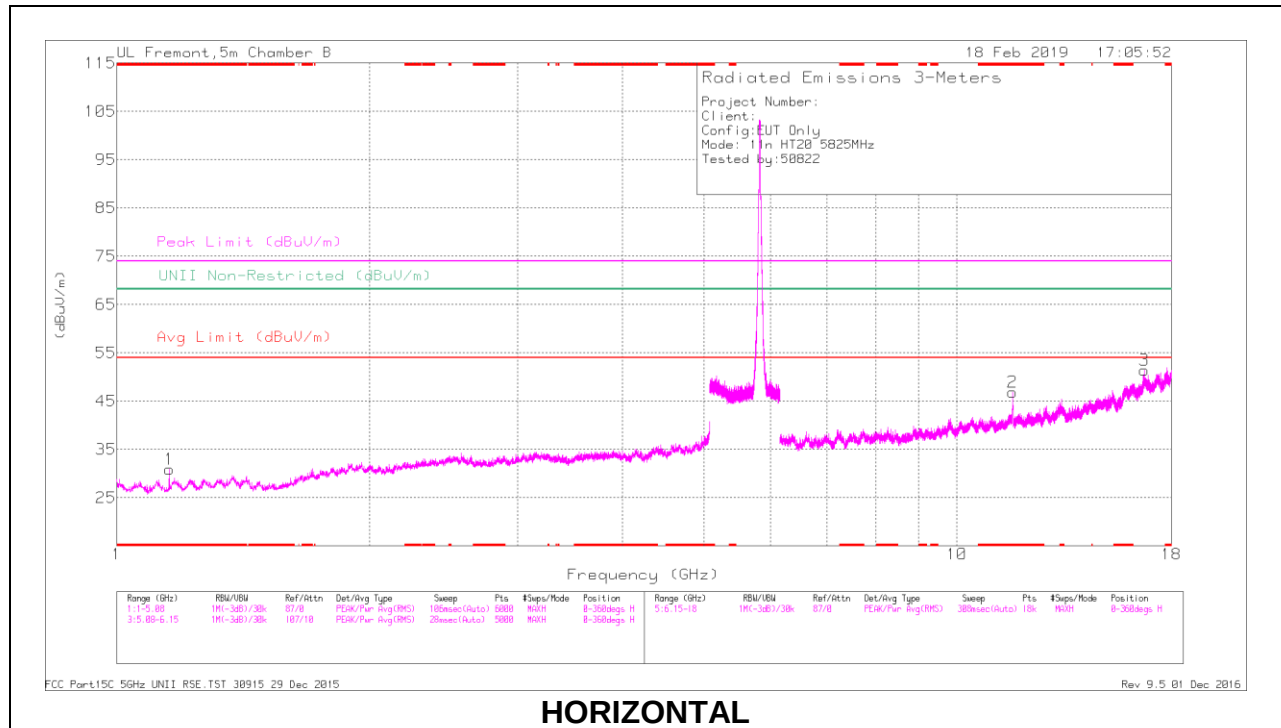
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb I/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 11.57	36.64	PK-U	38.6	-21.9	53.34	-	-	74	-20.66	-	-	79	176	H
	* 11.57	24.43	ADR	38.6	-21.9	41.13	54	-12.87	-	-	-	-	79	176	H
2	* 9.498	34.73	PK-U	36.9	-24	47.63	-	-	74	-26.37	-	-	182	359	H
	* 9.497	21.01	ADR	36.9	-24	33.91	54	-20.09	-	-	-	-	182	359	H
4	* 11.572	37.7	PK-U	38.6	-21.8	54.5	-	-	74	-19.5	-	-	129	200	V
	* 11.569	25.62	ADR	38.6	-21.9	42.32	54	-11.68	-	-	-	-	129	200	V
1	7.221	36.14	PK-U	35.9	-26.3	45.74	-	-	-	-	68.2	-22.46	221	129	H
5	12.713	32.47	PK-U	39.2	-21.4	50.27	-	-	-	-	68.2	-17.93	6	159	V
6	14.101	33.48	PK-U	39.4	-21.1	51.78	-	-	-	-	68.2	-16.42	23	155	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb l/Filtr/Pa d (dB)	Correcte d Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.156	41.87	PK-U	27.8	-34	35.67	-	-	74	-38.33	-	-	82	103	H
	* 1.155	29.29	ADR	27.8	-34	23.09	54	-30.91	-	-	-	-	82	103	H
2	* 11.652	38.47	PK-U	38.8	-21.8	55.47	-	-	74	-18.53	-	-	38	156	H
	* 11.65	26.49	ADR	38.8	-21.7	43.59	54	-10.41	-	-	-	-	38	156	H
5	* 11.65	40.54	PK-U	38.8	-21.7	57.64	-	-	74	-16.36	-	-	323	104	V
	* 11.649	28.78	ADR	38.8	-21.6	45.98	54	-8.02	-	-	-	-	323	104	V
4	8.914	35.13	PK-U	36.8	-24.6	47.33	-	-	-	-	68.2	-20.87	39	298	V
6	16.323	32.31	PK-U	42.9	-19.5	55.71	-	-	-	-	68.2	-12.49	360	107	V
3	16.703	32.25	PK-U	44.4	-17.7	58.95	-	-	-	-	68.2	-9.25	317	106	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

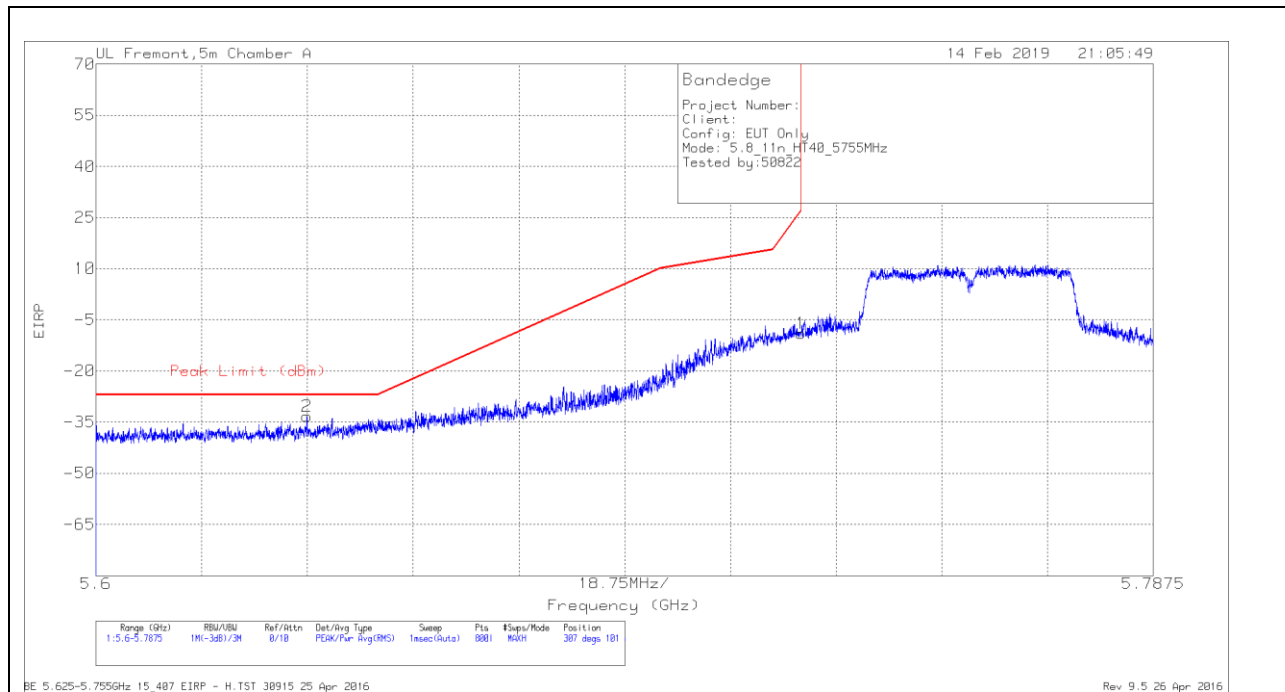
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (LOW CHANNEL)

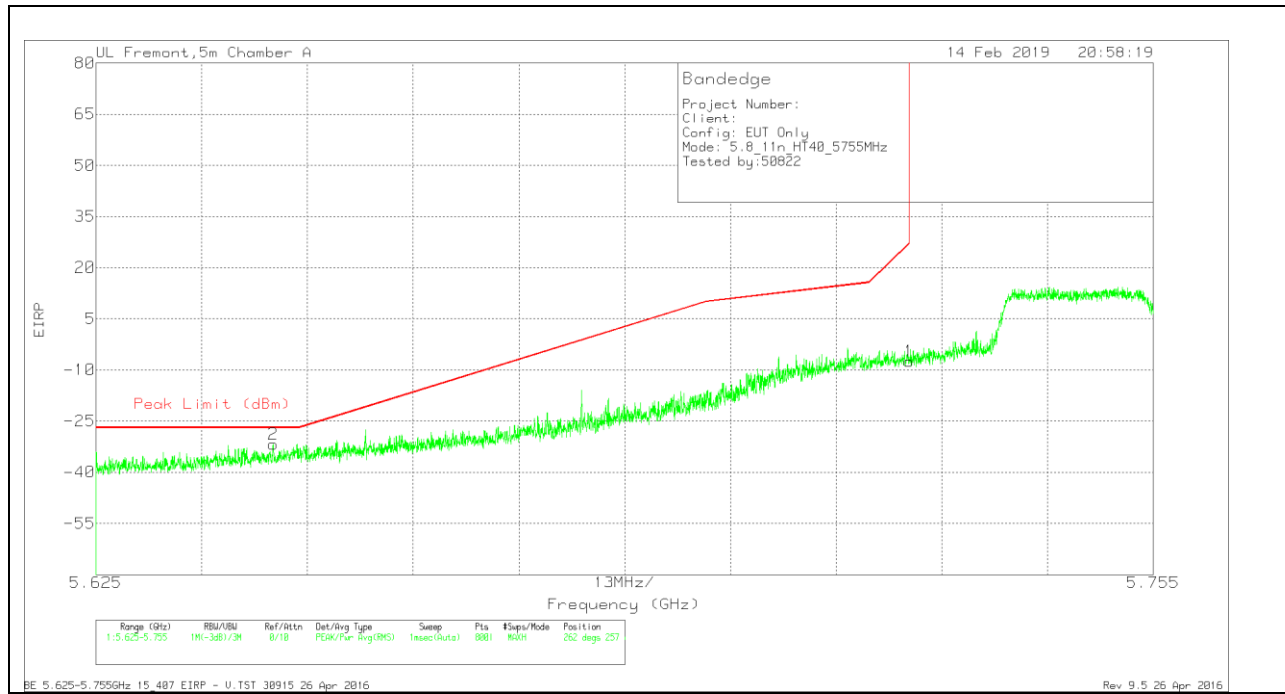
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT345 (dB/m)	Amp/Cb/Ftr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-37.82	Pk	35	-18	11.8	0	-9.02	26.99	-36.01	307	101	H
2	5.637	-61.84	Pk	35	-18.2	11.8	0	-33.24	-27	-6.24	307	101	H

Pk - Peak detector

VERTICAL RESULT

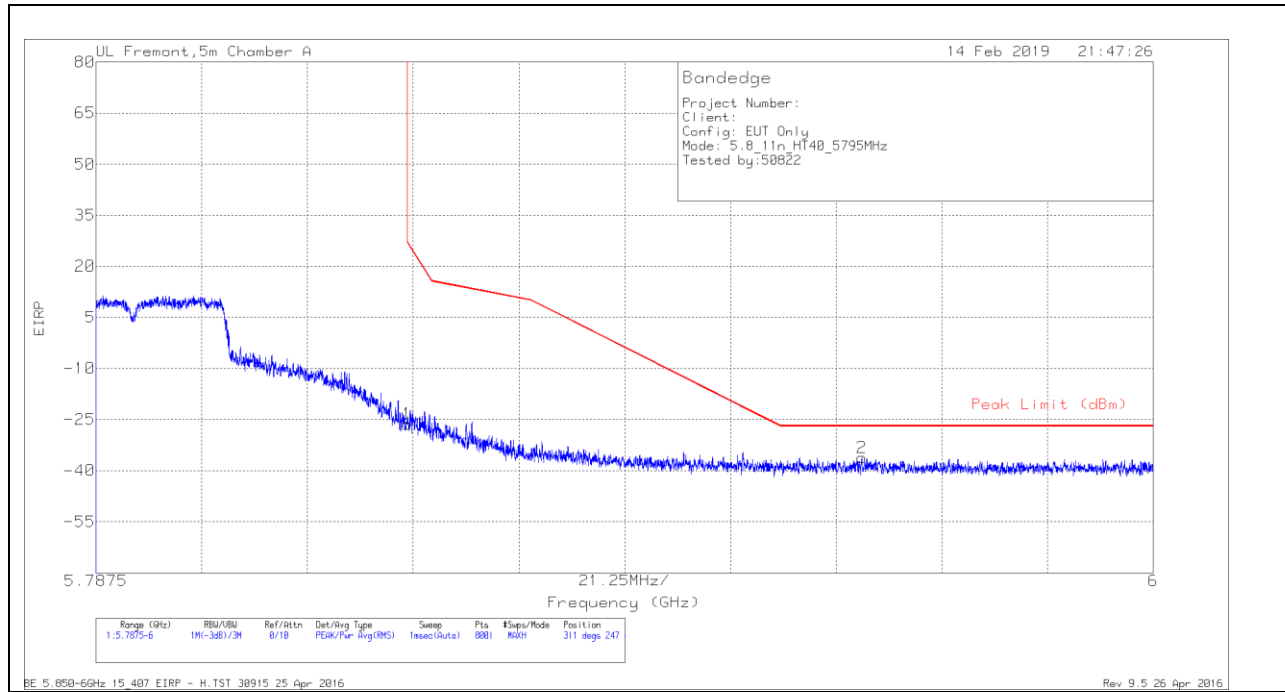


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT345 (dB/m)	Amp/Cb/Filt/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-36.22	Pk	35	-18	11.8	0	-7.42	26.97	-34.39	262	257	V
2	5.647	-60.31	Pk	35	-18.2	11.8	0	-31.71	-27	-4.71	262	257	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

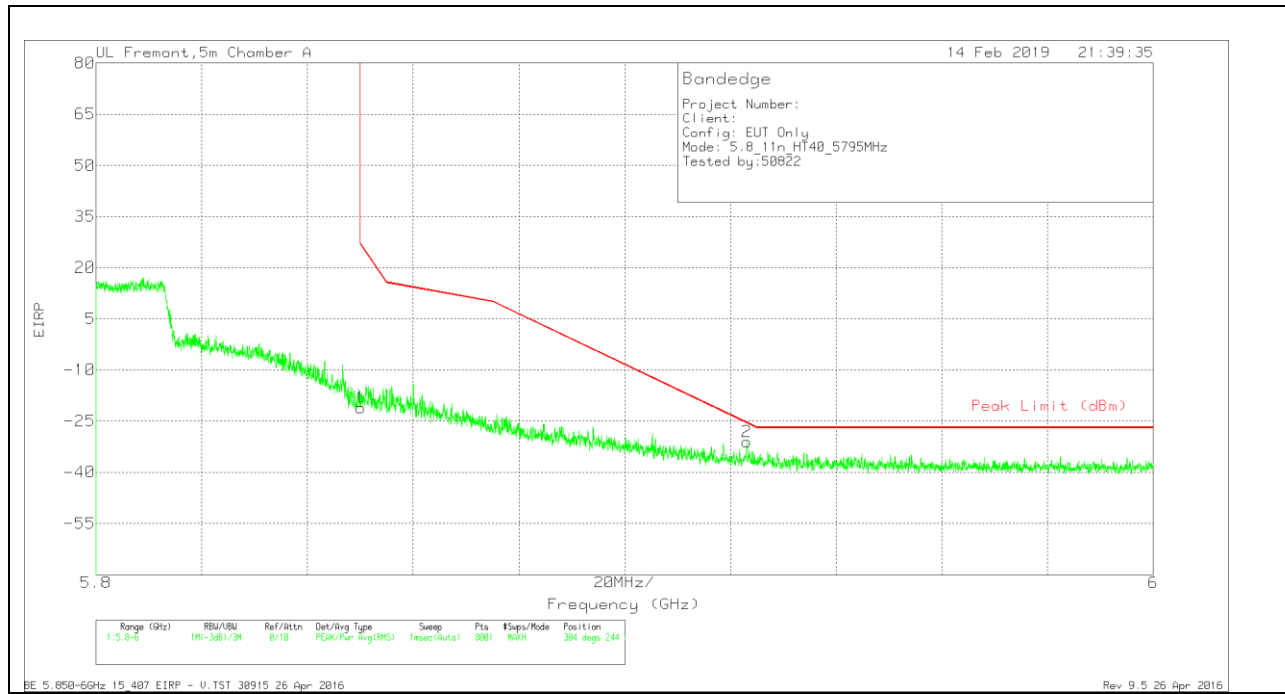
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT345 (dB/m)	Amp/Cb/Ftr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-55.44	Pk	35.1	-17.8	11.8	0	-26.34	26.99	-53.33	311	247	H
2	5.941	-65.91	Pk	35.2	-17.3	11.8	0	-36.21	-27	-9.21	311	247	H

Pk - Peak detector

VERTICAL RESULT

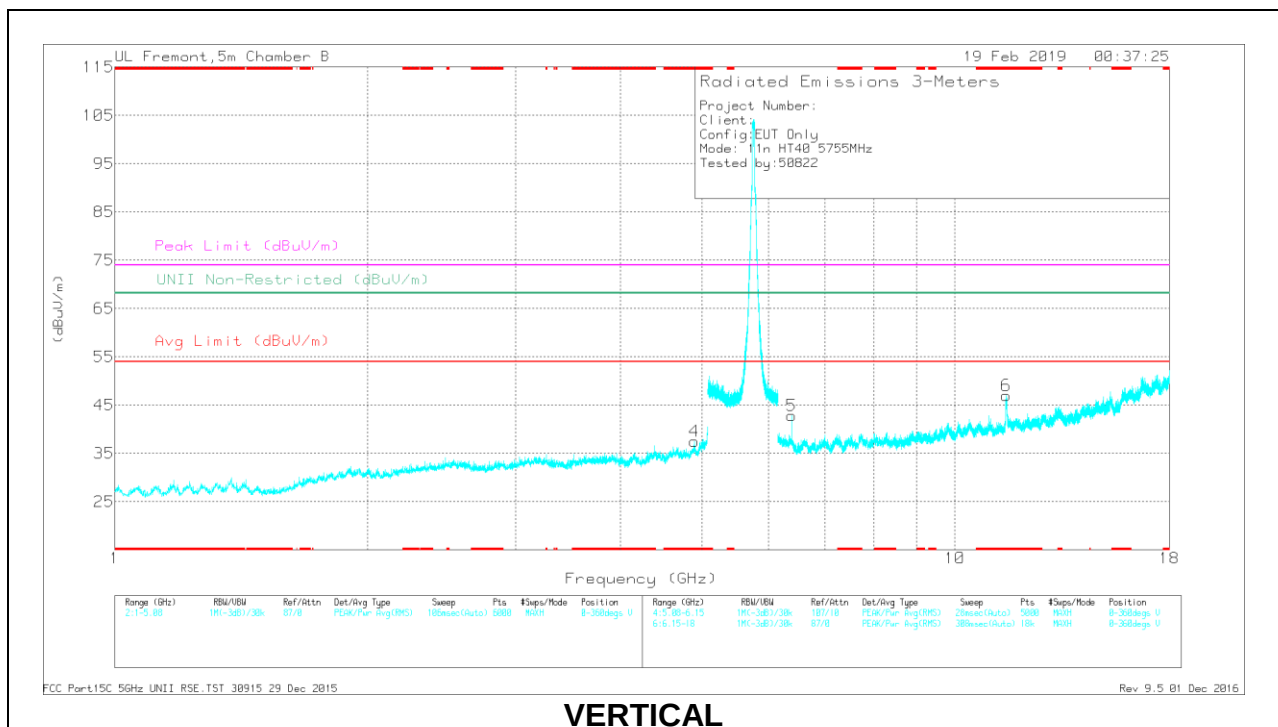
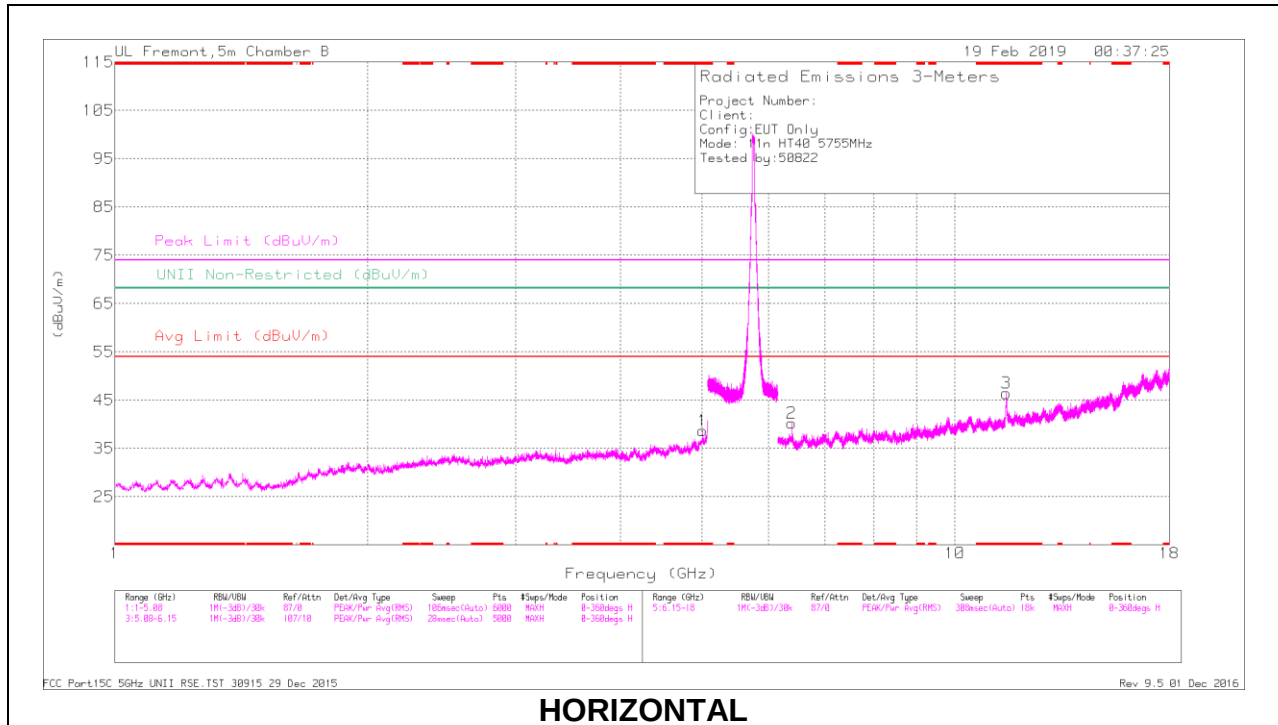


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT345 (dB/m)	Amp/Cb/Filt/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-50.19	Pk	35.1	-17.8	11.8	0	-21.09	26.94	-48.03	304	244	V
2	5.923	-60.47	Pk	35.2	-17.5	11.8	0	-30.97	-25.63	-5.34	304	244	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

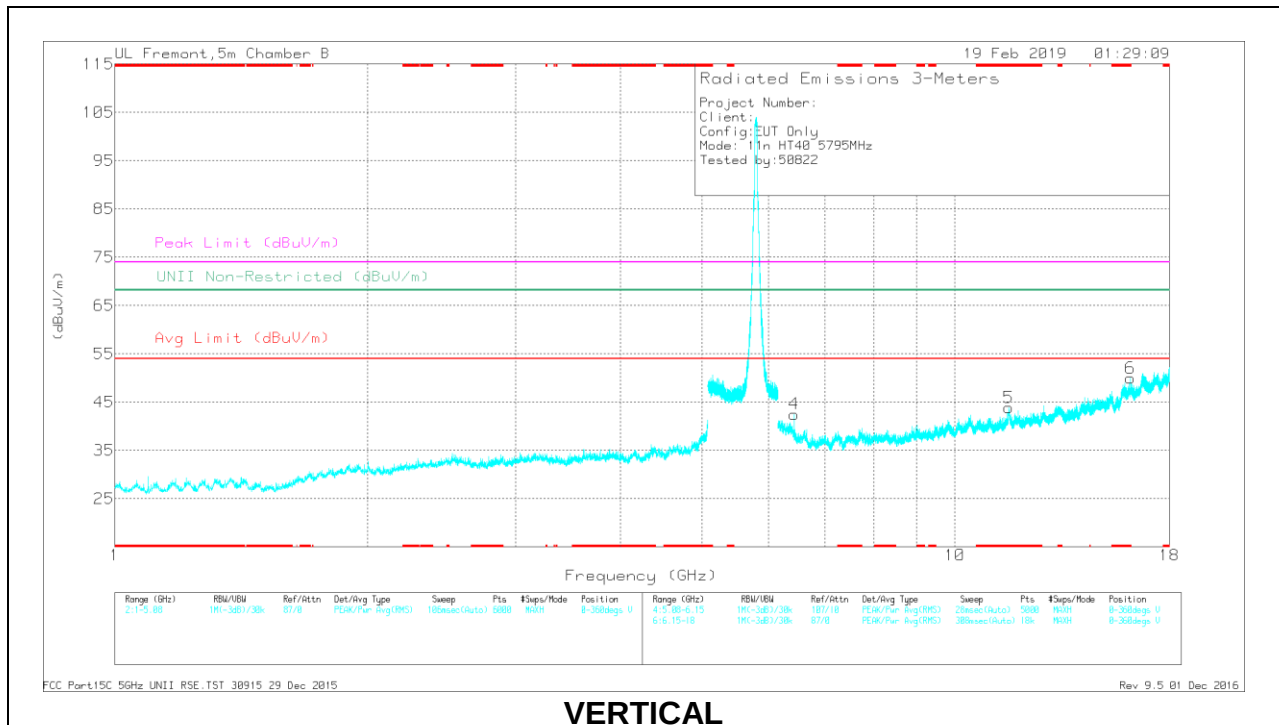
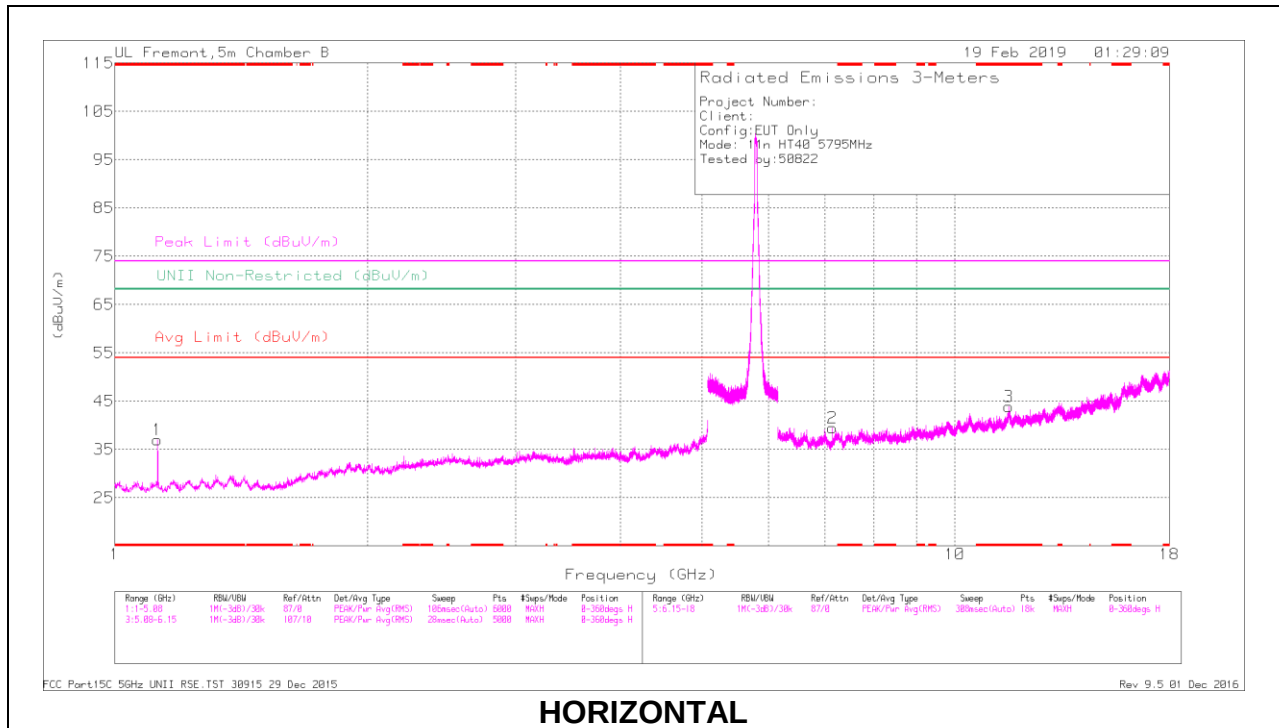
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb l/Filtr/Pa d (dB)	DC Corr (dB)	Correcte d Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.01	37.83	PK-U	34.6	-27.8	0	44.63	-	-	74	-29.37	-	-	184	101	H
	* 5.01	24.85	ADR	34.6	-27.8	.09	31.74	54	-22.26	-	-	-	-	184	101	H
4	* 4.896	38.68	PK-U	34.4	-29	0	44.08	-	-	74	-29.92	-	-	231	235	V
	* 4.895	26.69	ADR	34.4	-29	.09	32.18	54	-21.82	-	-	-	-	231	235	V
3	* 11.507	36.48	PK-U	38.5	-22.4	0	52.58	-	-	74	-21.42	-	-	23	222	H
	* 11.509	23.85	ADR	38.5	-22.4	.09	40.04	54	-13.96	-	-	-	-	23	222	H
6	* 11.508	38.27	PK-U	38.5	-22.4	0	54.37	-	-	74	-19.63	-	-	317	123	V
	* 11.508	19.57	ADR	38.5	-22.4	.09	35.76	54	-18.24	-	-	-	-	317	123	V
5	6.395	38.86	PK-U	35.8	-27.3	0	47.36	-	-	-	-	68.2	-20.84	36	203	H
2	6.395	40.45	PK-U	35.8	-27.3	0	48.95	-	-	-	-	68.2	-19.25	356	105	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb l/Filtr/Pa d (dB)	DC Corr (dB)	Correcte d Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.124	42.52	PK-U	27.5	-33.8	0	36.22	-	-	74	-37.78	-	-	87	105	H
	* 1.123	30.15	ADR	27.5	-33.9	.09	23.84	54	-30.16	-	-	-	-	87	105	H
3	* 11.59	35.05	PK-U	38.6	-21.7	0	51.95	-	-	74	-22.05	-	-	264	202	H
	* 11.589	22.2	ADR	38.6	-21.7	.09	39.19	54	-14.81	-	-	-	-	264	202	H
5	* 11.594	35.67	PK-U	38.6	-21.7	0	52.57	-	-	74	-21.43	-	-	329	201	V
	* 11.594	22.67	ADR	38.6	-21.7	.09	39.66	54	-14.34	-	-	-	-	329	201	V
6	* 16.17	32.32	PK-U	43	-18.9	0	56.42	-	-	74	-17.58	-	-	166	197	V
	* 16.17	17.54	ADR	43	-18.8	.09	41.83	54	-12.17	-	-	-	-	166	197	V
4	6.439	40.74	PK-U	35.7	-27.7	0	48.74	-	-	-	-	68.2	-19.46	350	203	V
2	7.152	37.07	PK-U	36	-27.1	0	45.97	-	-	-	-	68.2	-22.23	158	199	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

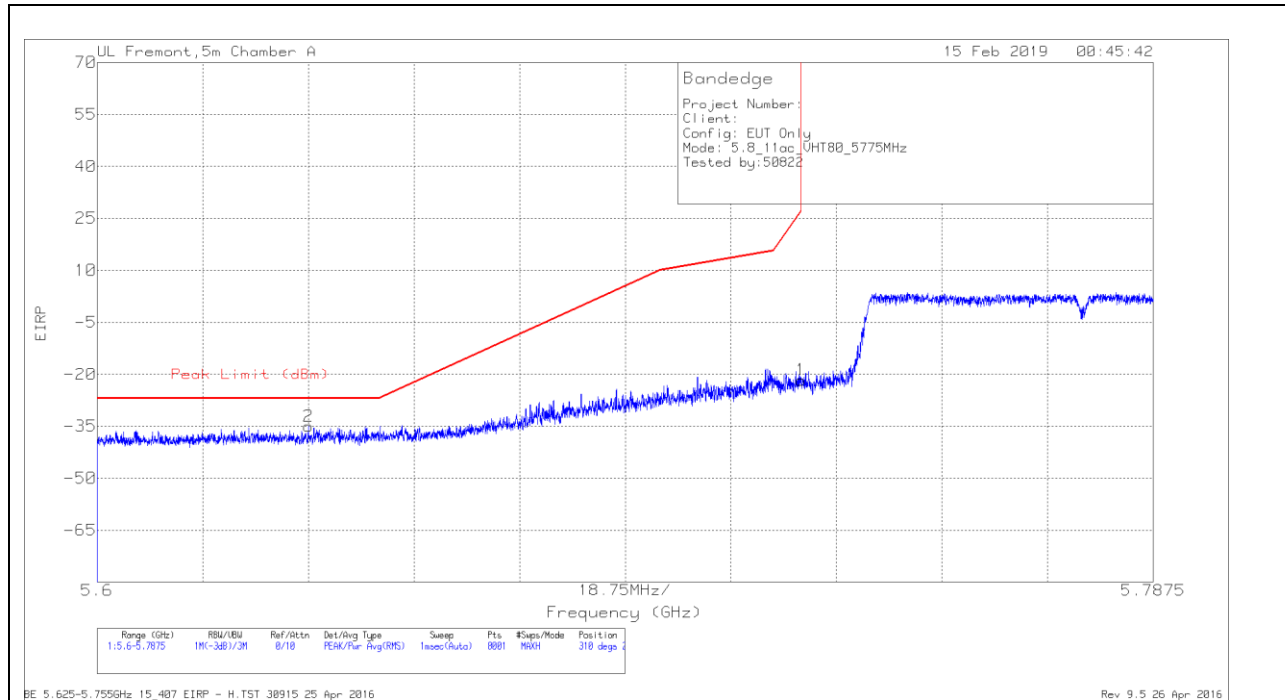
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (CHANNEL 155 LOW EDGE)

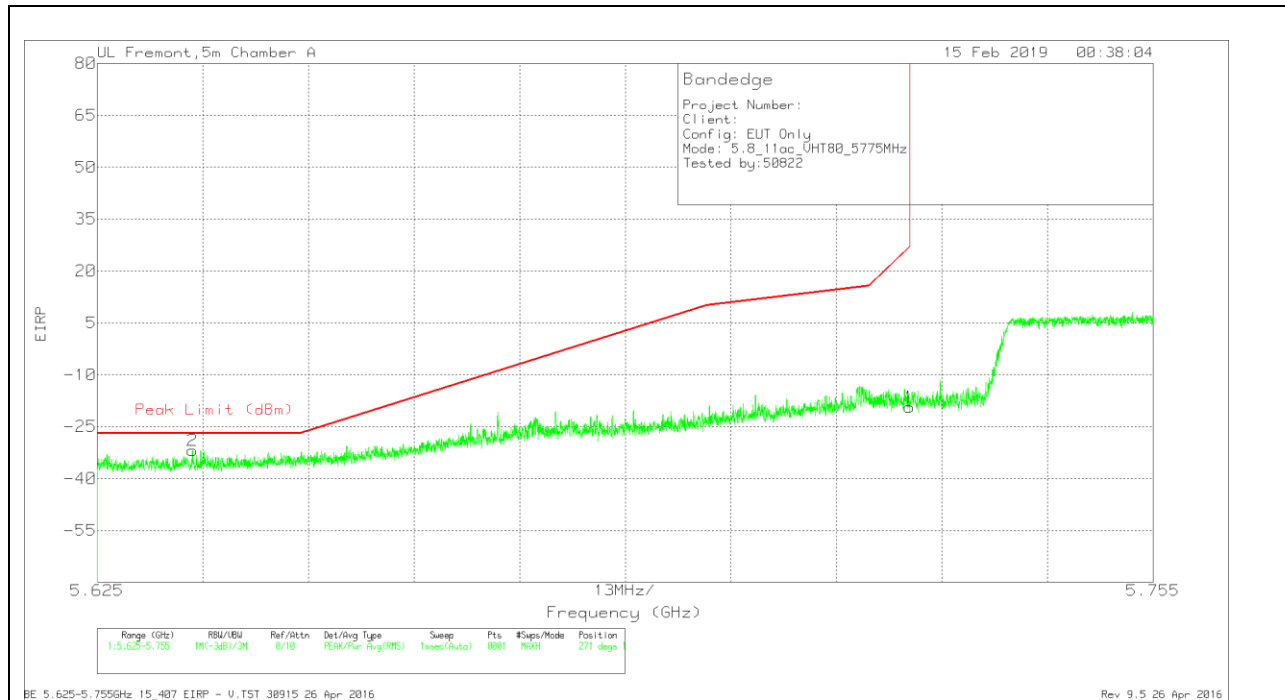
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT345 (dB/m)	Amp/Cbl/Filtz/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-50.47	Pk	35	-18	11.8	0	-21.67	26.99	-48.66	310	221	H
2	5.638	-63.59	Pk	35	-18.2	11.8	0	-34.99	-27	-7.99	310	221	H

Pk - Peak detector

VERTICAL RESULT

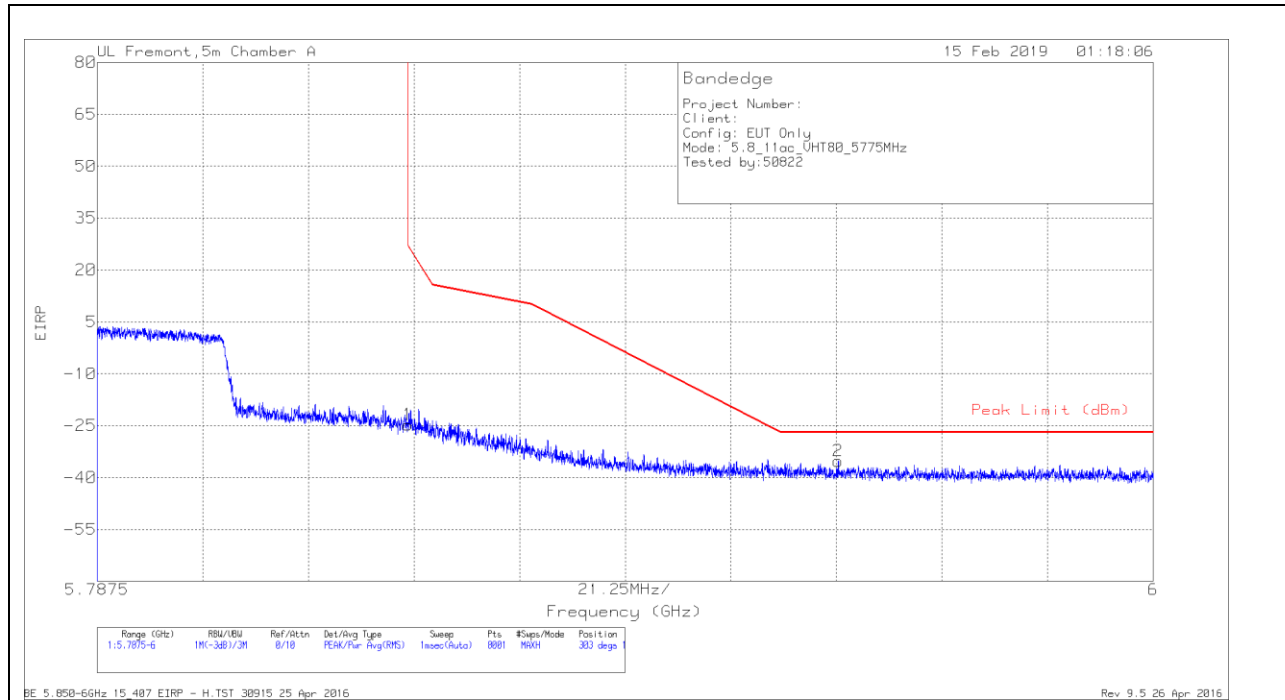


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/CbI/Ftr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-48.18	Pk	35	-18	11.8	0	-19.38	26.97	-46.35	271	105	V
2	5.637	-60.51	Pk	35	-18.2	11.8	0	-31.91	-27	-4.91	271	105	V

Pk - Peak detector

BANDEGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT



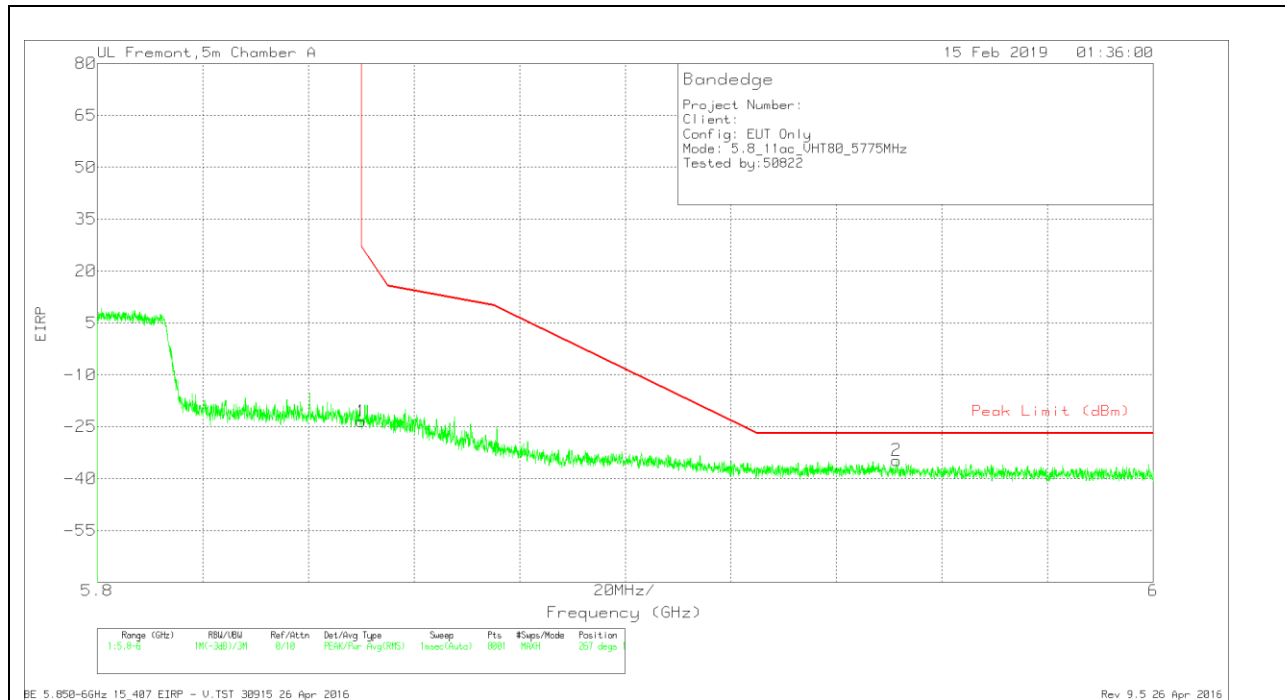
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT345 (dB/m)	Amp/Cb/Ftr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-53.85	Pk	35.1	-17.8	11.8	0	-24.75	26.99	-51.74	303	173	H
2	5.937	-64.81	Pk	35.2	-17.4	11.8	0	-35.21	-27	-8.21	303	173	H

Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

Rev 9.5 26 Apr 2016

VERTICAL RESULT

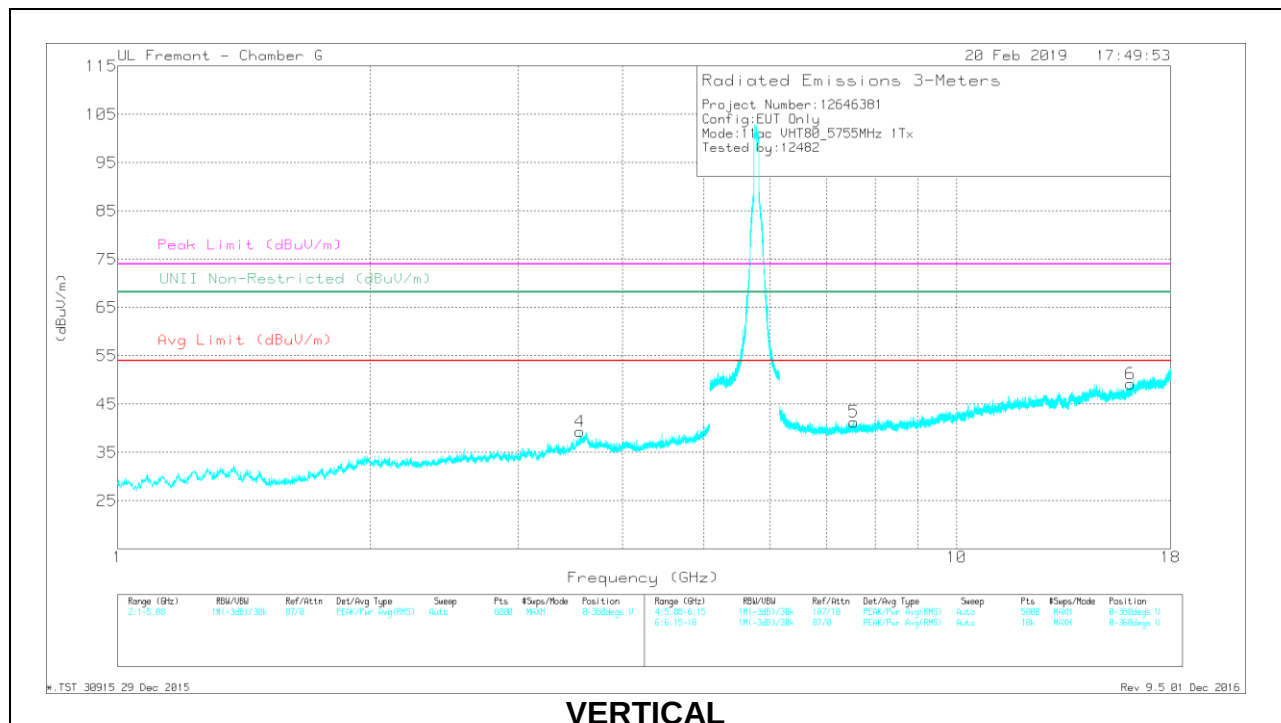
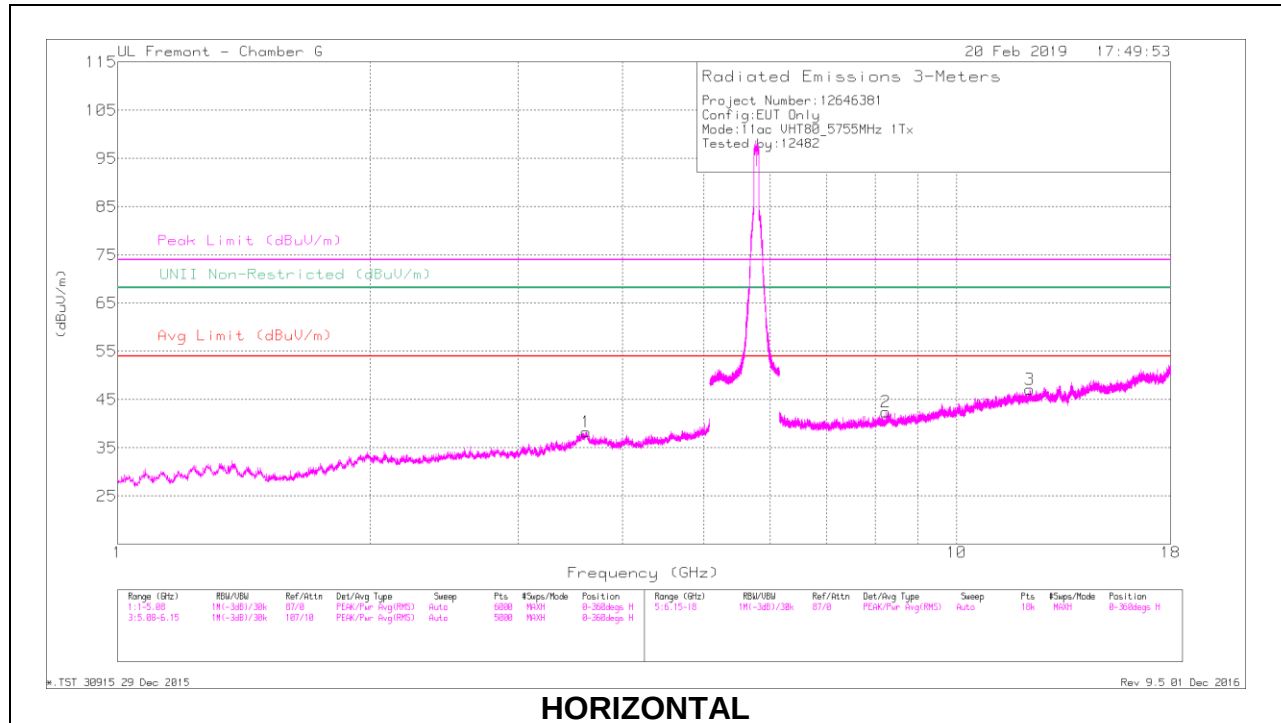


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Amp/Cb/Ftr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-52.56	Pk	35.1	-17.8	11.8	0	-23.46	26.94	-50.4	267	162	V
2	5.951	-64.41	Pk	35.3	-17.4	11.8	0	-34.71	-27	-7.71	267	162	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

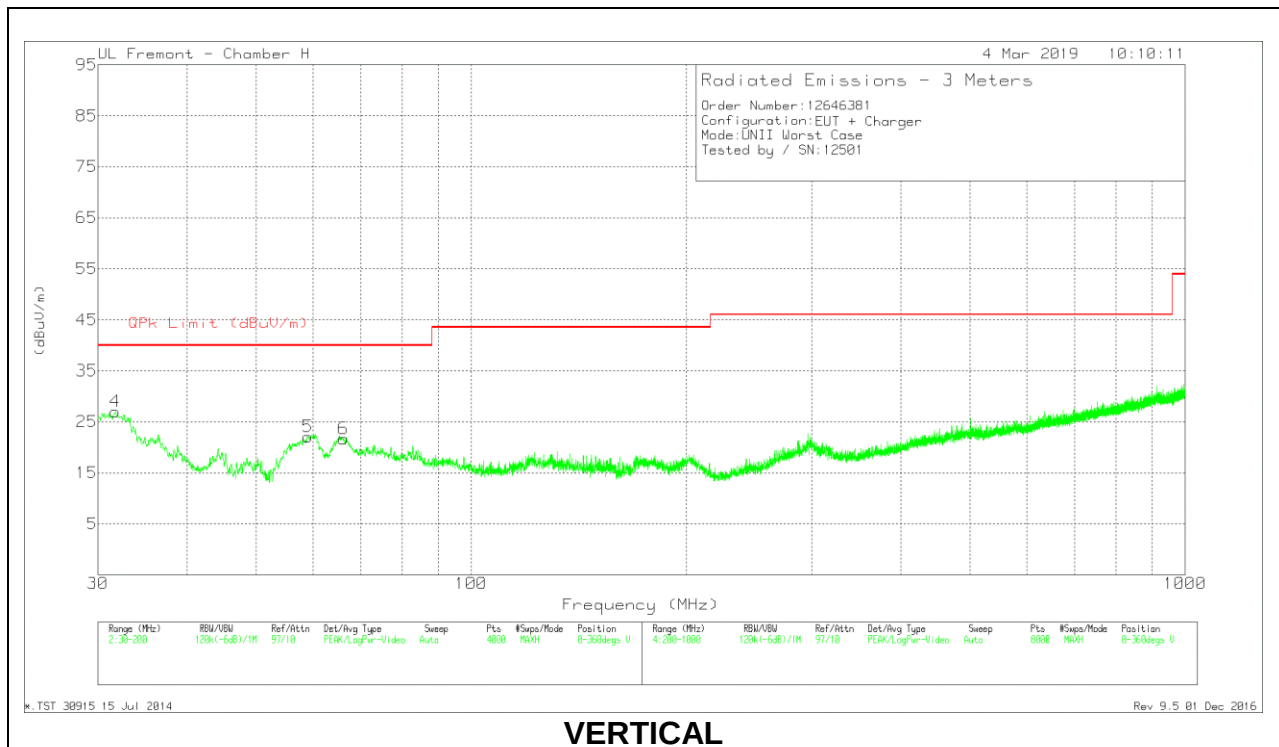
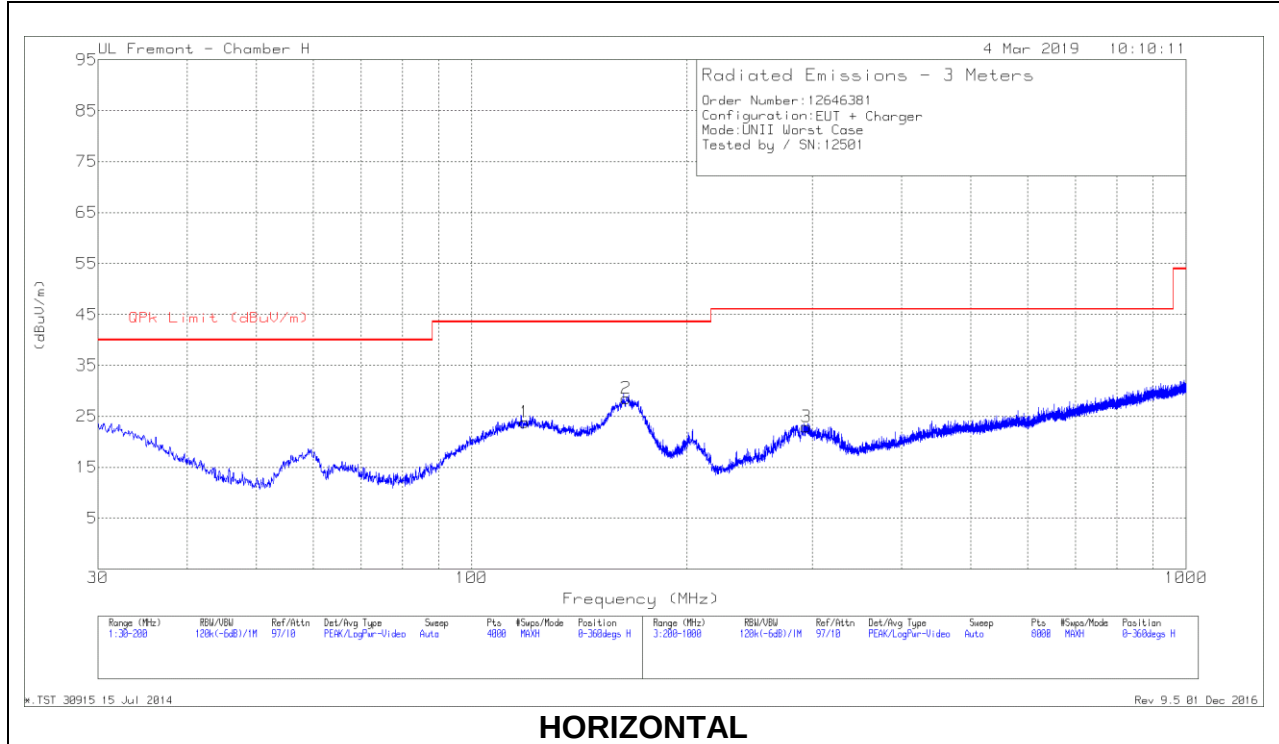
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 3.618	41.12	PK-U	35.7	-30.5	0	46.32	-	-	74	-27.68	68.2	-21.88	6	184	H
	* 3.62	28.84	ADR	35.7	-30.5	-21	34.25	54	-19.75	-	-	-	-	6	184	H
4	* 3.558	41.37	PK-U	35.2	-30.1	0	46.47	-	-	74	-27.53	68.2	-21.73	254	173	V
	* 3.561	29.37	ADR	35.2	-30.1	-21	34.68	54	-19.32	-	-	-	-	254	173	V
2	* 8.245	38.23	PK-U	36.1	-26.4	0	47.93	-	-	74	-26.07	68.2	-20.27	96	320	H
	* 8.246	27.31	ADR	36.1	-26.4	-21	37.22	54	-16.78	-	-	-	-	96	320	H
3	* 12.231	36.39	PK-U	39.5	-22.6	0	53.29	-	-	74	-20.71	68.2	-14.91	163	145	H
	* 12.23	24.58	ADR	39.5	-22.6	-21	41.69	54	-12.31	-	-	-	-	163	145	H
5	* 7.553	39.15	PK-U	36	-27.5	0	47.65	-	-	74	-26.35	68.2	-20.55	8	127	V
	* 7.553	27.83	ADR	36	-27.5	-21	36.54	54	-17.46	-	-	-	-	8	127	V
6	* 16.121	36.84	PK-U	41	-22.2	0	55.64	-	-	74	-18.36	68.2	-12.56	323	246	V
	* 16.121	24.87	ADR	41	-22.2	-21	43.88	54	-10.12	-	-	-	-	323	246	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.2. Worst Case Below 1 GHz

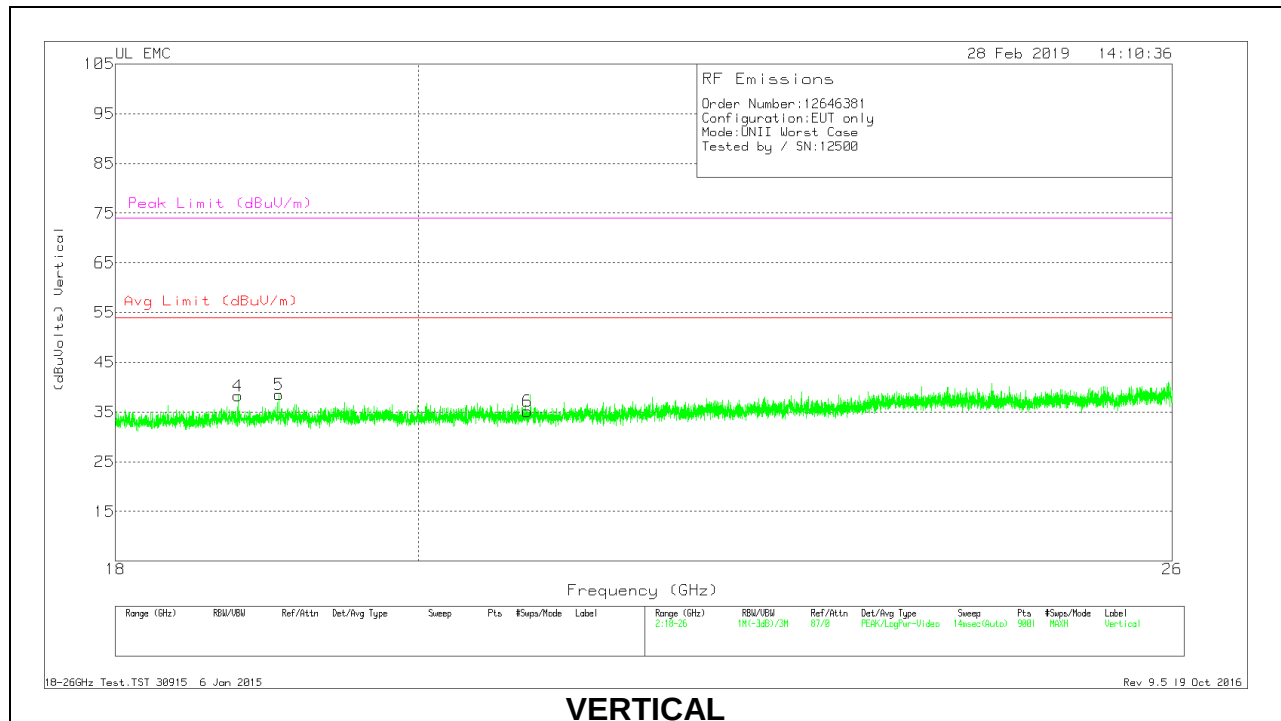
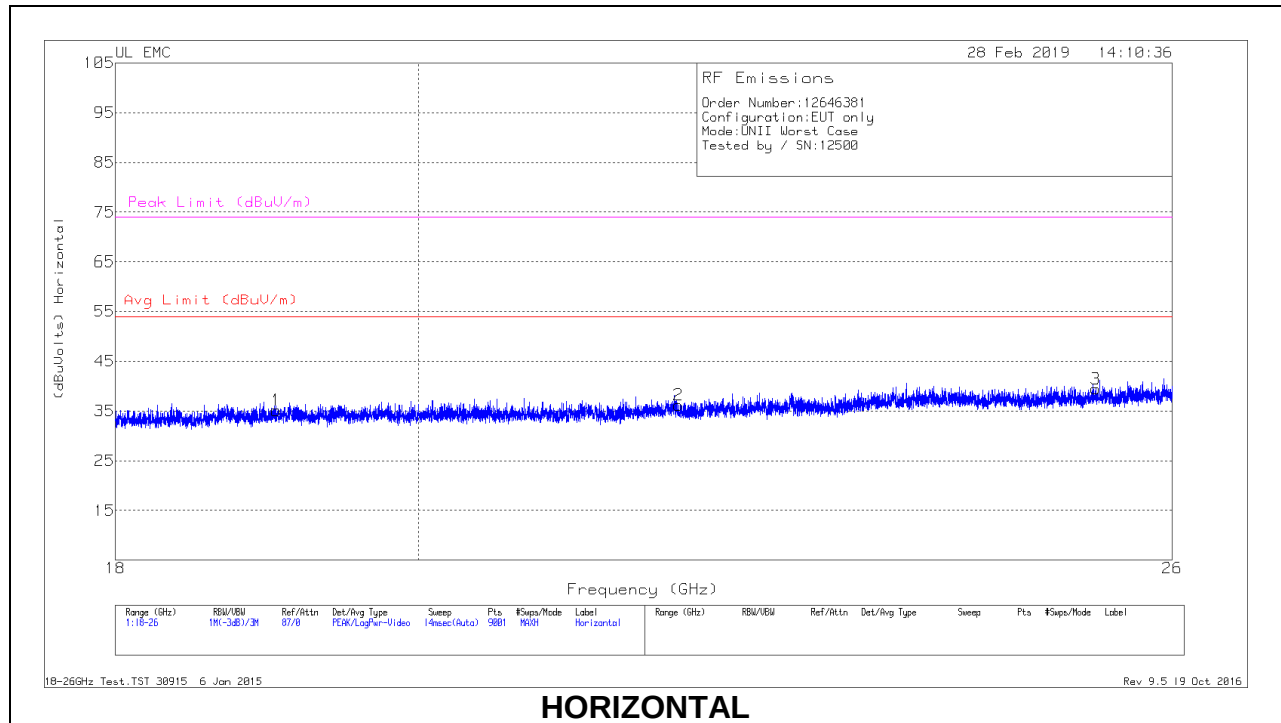


Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T122 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 118.8867	30.76	Qp	19.7	-30.3	20.16	43.52	-23.36	259	194	H
2	* 164.8844	37.42	Qp	18	-30	25.42	43.52	-18.1	102	164	H
4	31.8806	28.59	Qp	25.8	-31.3	23.09	40	-16.91	141	116	V
5	58.9663	35.13	Qp	13.1	-30.9	17.33	40	-22.67	194	211	V
6	66.1339	34.83	Qp	13.7	-30.9	17.63	40	-22.37	64	241	V
3	294.4907	25.22	Qp	19.2	-29.1	15.32	46.02	-30.7	97	136	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Qp - Quasi-Peak detector

9.3. Worst Case 18-26 GHz

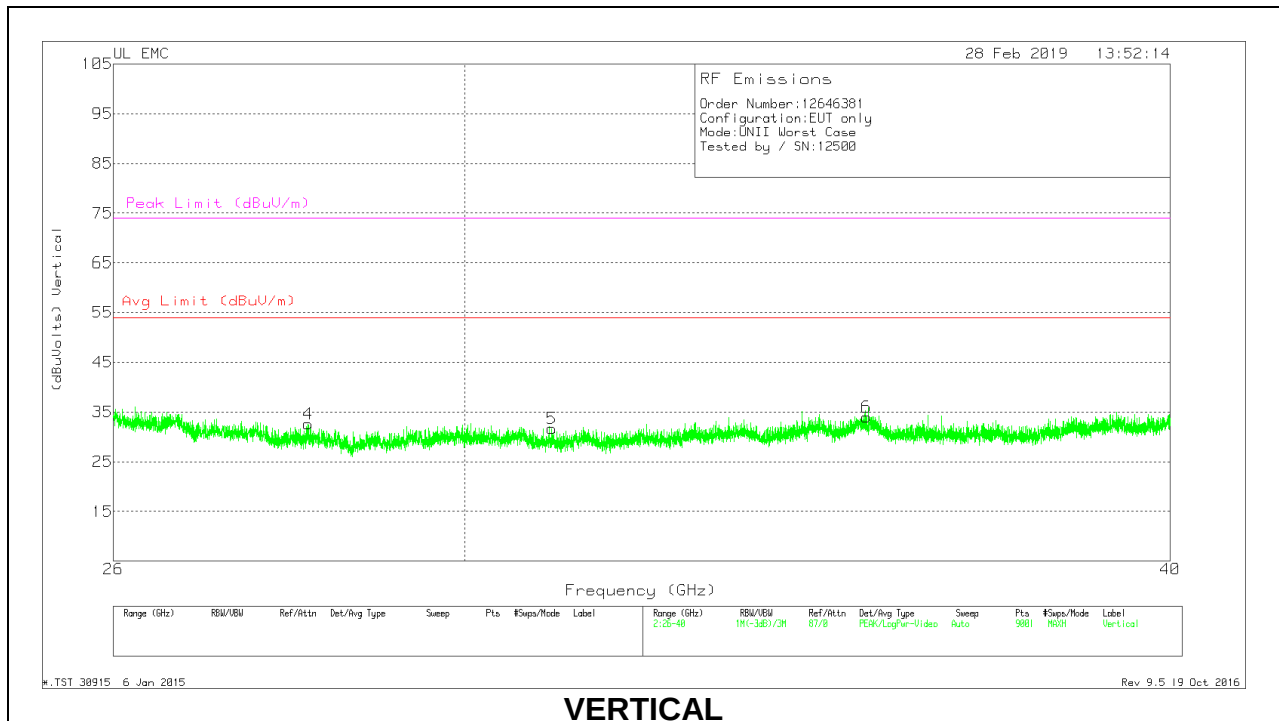
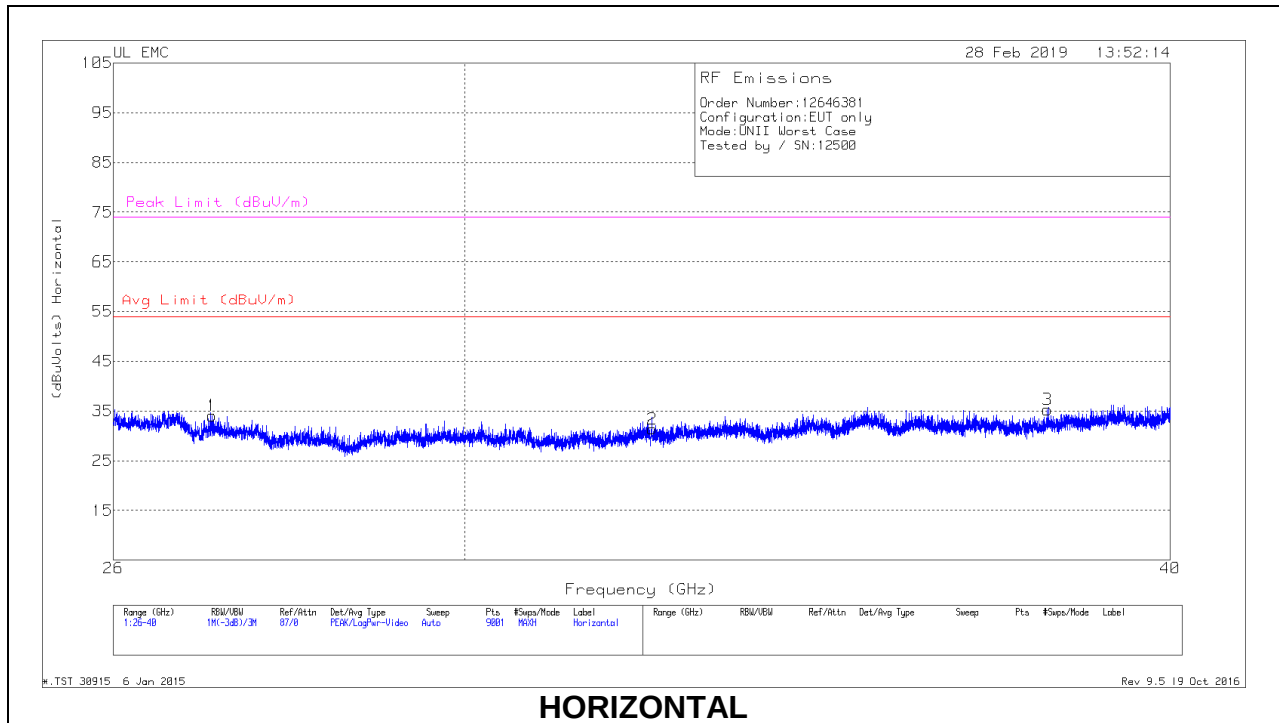


18 – 26GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T447 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	19.036	36.93	Pk	32.6	-24.9	-9.5	35.13	54	-18.87	74	-38.87
2	21.895	37.79	Pk	33.2	-25.3	-9.5	36.19	54	-17.81	74	-37.81
3	25.317	39.15	Pk	34.5	-24.7	-9.5	39.45	54	-14.55	74	-34.55
4	18.783	40.45	Pk	32.4	-25.1	-9.5	38.25	54	-15.75	74	-35.75
5	19.054	40.38	Pk	32.6	-25	-9.5	38.48	54	-15.52	74	-35.52
6	20.773	36.63	Pk	33	-25	-9.5	35.13	54	-18.87	74	-38.87

Pk - Peak detector

9.4. Worst Case 26-40 GHz



26 – 40GHz DATA

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	27.067	38.95	Pk	35.5	-30.9	-9.5	34.05	54	-19.95	74	-39.95
2	32.382	37.3	Pk	36.3	-32.7	-9.5	31.4	54	-22.6	74	-42.6
3	38.046	40.18	Pk	37.2	-32.6	-9.5	35.28	54	-18.72	74	-38.72
4	28.147	37.97	Pk	35.8	-31.7	-9.5	32.57	54	-21.43	74	-41.43
5	31.087	38.04	Pk	35.9	-32.8	-9.5	31.64	54	-22.36	74	-42.36
6	35.338	38.91	Pk	37.8	-33.2	-9.5	34.01	54	-19.99	74	-39.99

Pk - Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of emission (MHz)	Conducted limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

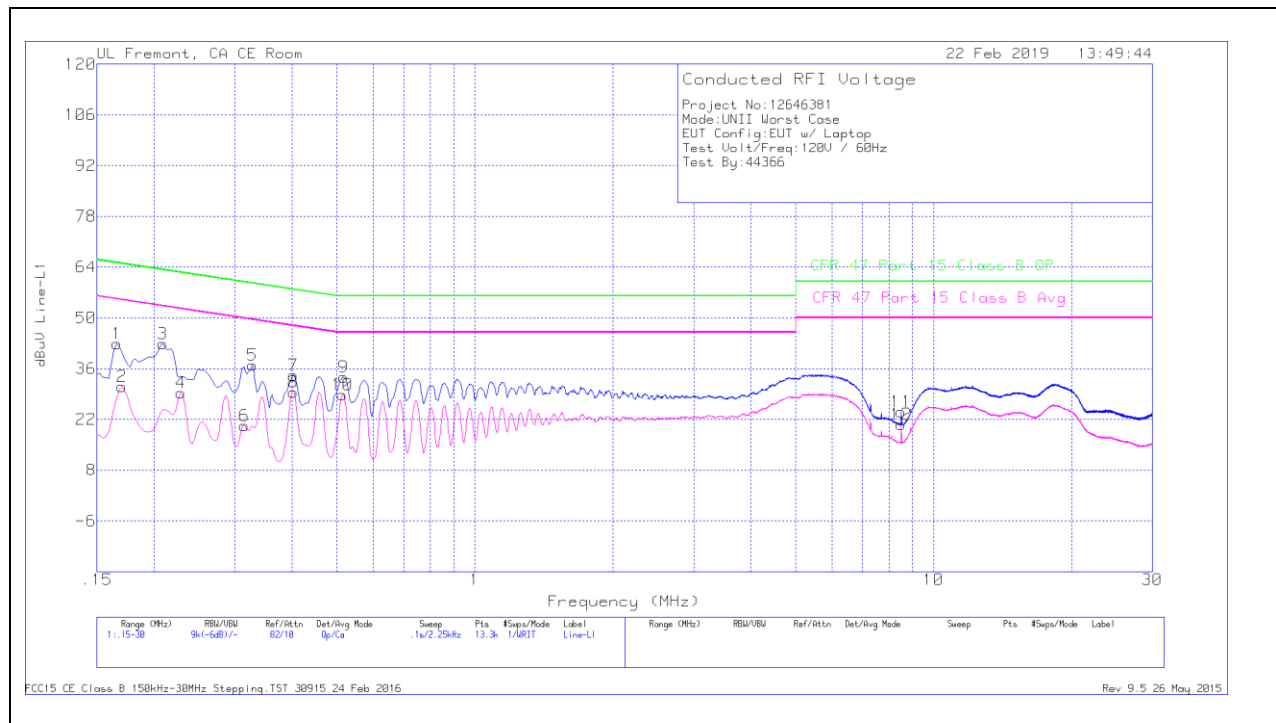
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.1.1. AC Power Line Host

LINE 1 RESULTS



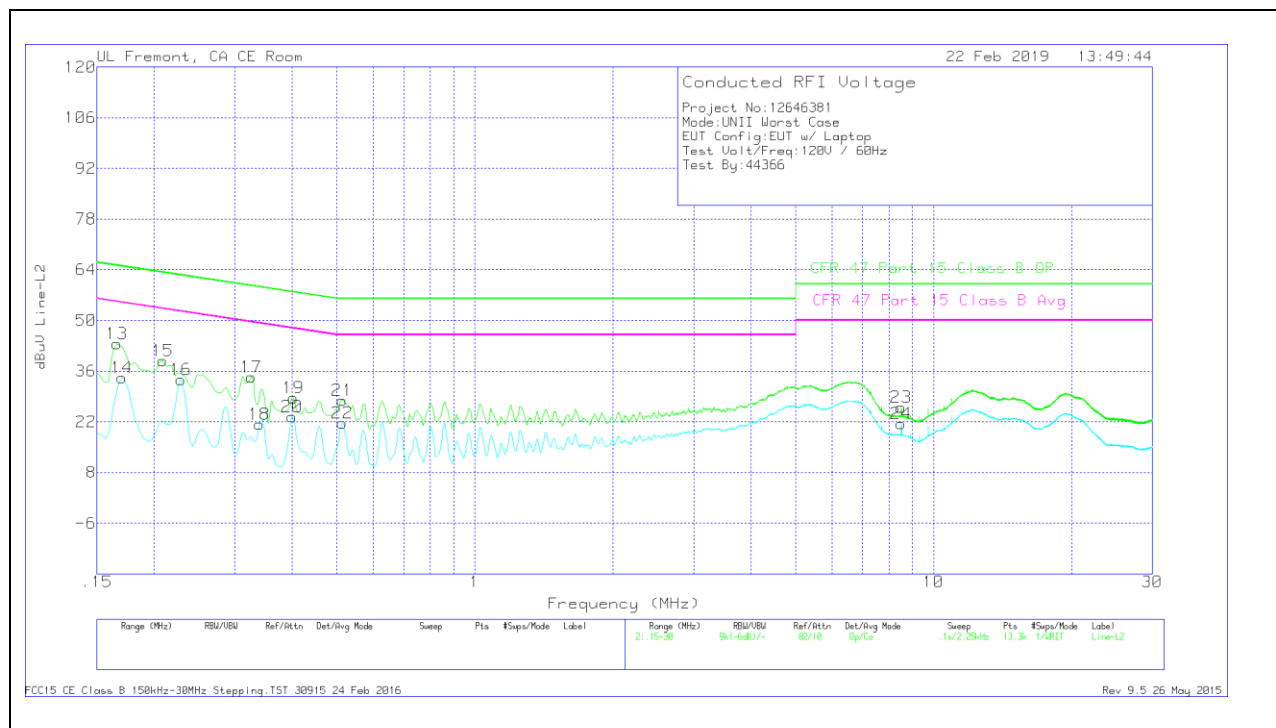
Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.16575	32.63	Qp	.1	0	10.1	42.83	65.17	-22.34	-	-
2	.17025	20.99	Ca	0	0	10.1	31.09	-	-	54.95	-23.86
3	.2085	32.79	Qp	0	0	10.1	42.89	63.26	-20.37	-	-
4	.22875	19.27	Ca	0	0	10.1	29.37	-	-	52.49	-23.12
5	.32775	26.84	Qp	0	0	10.1	36.94	59.51	-22.57	-	-
6	.31425	10.23	Ca	0	0	10.1	20.33	-	-	49.86	-29.53
7	.402	24.1	Qp	0	0	10.1	34.2	57.81	-23.61	-	-
8	.402	19.44	Ca	0	0	10.1	29.54	-	-	47.81	-18.27
9	.51675	23.51	Qp	0	0	10.1	33.61	56	-22.39	-	-
10	.5145	18.72	Ca	0	0	10.1	28.82	-	-	46	-17.18
11	8.50875	13.76	Qp	0	.2	10.2	24.16	60	-35.84	-	-
12	8.50875	10.21	Ca	0	.2	10.2	20.61	-	-	50	-29.39

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



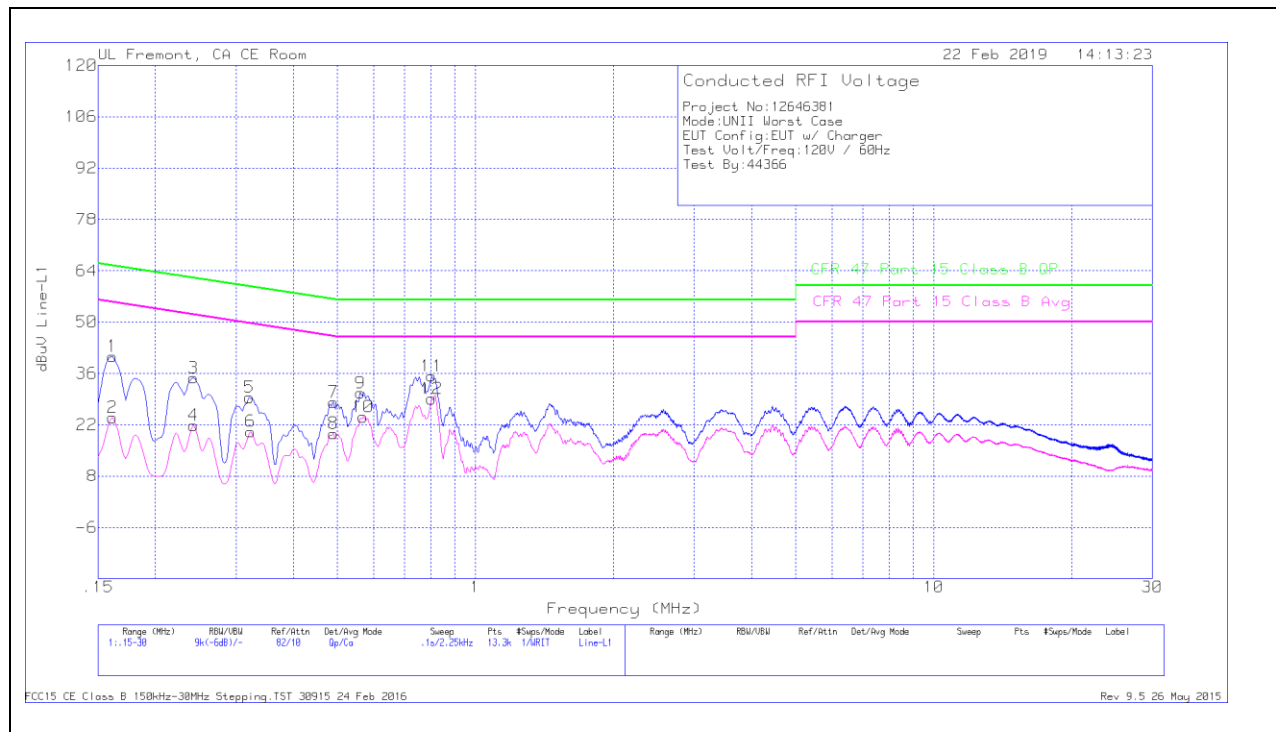
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.16575	33.36	Qp	.1	0	10.1	43.56	65.17	-21.61	-	-
14	.17025	24.14	Ca	0	0	10.1	34.24	-	-	54.95	-20.71
15	.2085	28.83	Qp	0	0	10.1	38.93	63.26	-24.33	-	-
16	.22875	23.56	Ca	0	0	10.1	33.66	-	-	52.49	-18.83
17	.3255	24.32	Qp	0	0	10.1	34.42	59.57	-25.15	-	-
18	.339	11.19	Ca	0	0	10.1	21.29	-	-	49.23	-27.94
19	.402	18.49	Qp	0	0	10.1	28.59	57.81	-29.22	-	-
20	.39975	13.28	Ca	0	0	10.1	23.38	-	-	47.86	-24.48
21	.5145	17.86	Qp	0	0	10.1	27.96	56	-28.04	-	-
22	.5145	11.56	Ca	0	0	10.1	21.66	-	-	46	-24.34
23	8.511	15.61	Qp	0	.2	10.2	26.01	60	-33.99	-	-
24	8.50875	11.07	Ca	0	.2	10.2	21.47	-	-	50	-28.53

Qp - Quasi-Peak detector

Ca - CISPR average detection

10.1.2. AC Power Line Norm

LINE 1 RESULTS



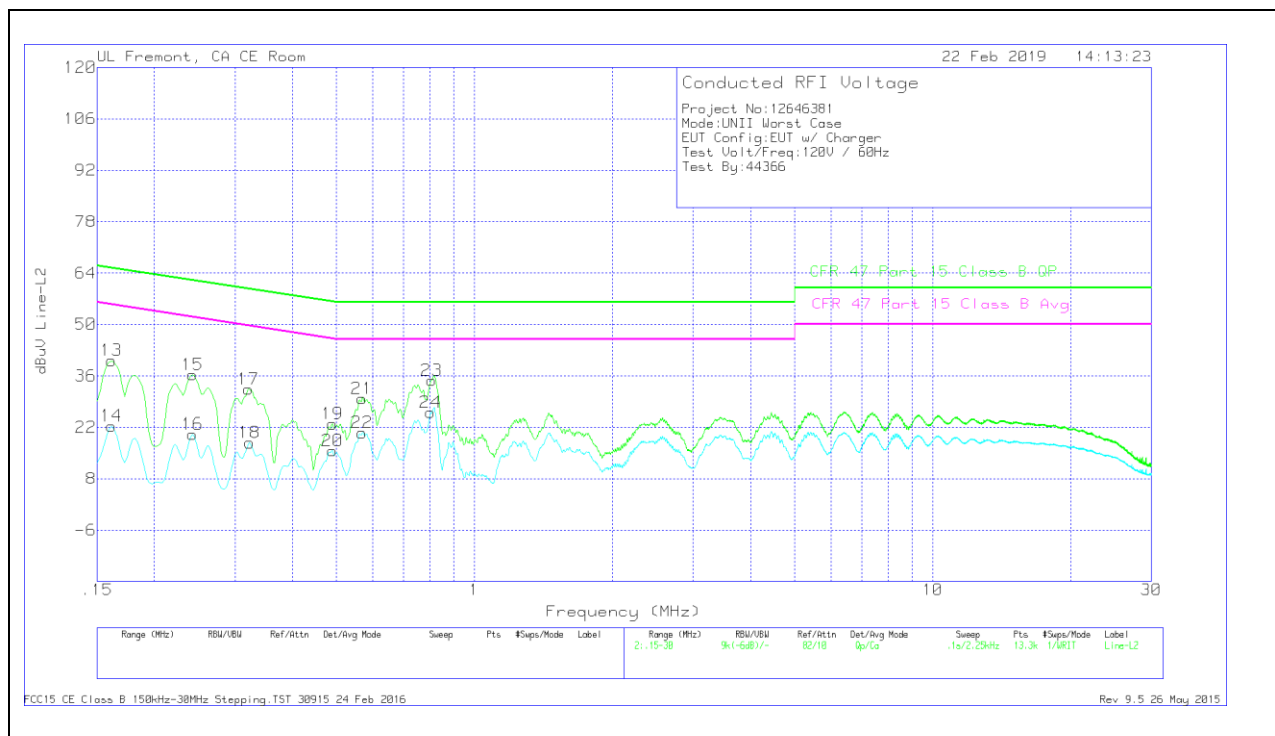
Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.16125	30.44	Qp	.1	0	10.1	40.64	65.4	-24.76	-	-
2	.16125	13.76	Ca	.1	0	10.1	23.96	-	-	55.4	-31.44
3	.24225	24.69	Qp	0	0	10.1	34.79	62.02	-27.23	-	-
4	.24225	11.72	Ca	0	0	10.1	21.82	-	-	52.02	-30.2
5	.321	19.33	Qp	0	0	10.1	29.43	59.68	-30.25	-	-
6	.32325	10.05	Ca	0	0	10.1	20.15	-	-	49.62	-29.47
7	.48975	18.04	Qp	0	0	10.1	28.14	56.17	-28.03	-	-
8	.48975	9.51	Ca	0	0	10.1	19.61	-	-	46.17	-26.56
9	.56175	20.57	Qp	0	0	10.1	30.67	56	-25.33	-	-
10	.5685	14.03	Ca	0	0	10.1	24.13	-	-	46	-21.87
11	.8025	25.2	Qp	0	0	10.1	35.3	56	-20.7	-	-
12	.8025	18.99	Ca	0	0	10.1	29.09	-	-	46	-16.91

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.16125	29.98	Qp	.1	0	10.1	40.18	65.4	-25.22	-	-
14	.16125	12.17	Ca	.1	0	10.1	22.37	-	-	55.4	-33.03
15	.24225	26.24	Qp	0	0	10.1	36.34	62.02	-25.68	-	-
16	.24225	10	Ca	0	0	10.1	20.1	-	-	52.02	-31.92
17	.321	22.29	Qp	0	0	10.1	32.39	59.68	-27.29	-	-
18	.32325	7.7	Ca	0	0	10.1	17.8	-	-	49.62	-31.82
19	.48975	12.82	Qp	0	0	10.1	22.92	56.17	-33.25	-	-
20	.48975	5.48	Ca	0	0	10.1	15.58	-	-	46.17	-30.59
21	.5685	19.73	Qp	0	0	10.1	29.83	56	-26.17	-	-
22	.5685	10.41	Ca	0	0	10.1	20.51	-	-	46	-25.49
23	.807	24.65	Qp	0	0	10.1	34.75	56	-21.25	-	-
24	.8025	15.94	Ca	0	0	10.1	26.04	-	-	46	-19.96

Qp - Quasi-Peak detector

Ca - CISPR average detection

END OF TEST REPORT

11. SETUP PHOTOS

Please refer to 12646381-EP1V1 for setup photos