

RADIATED EMISSIONS

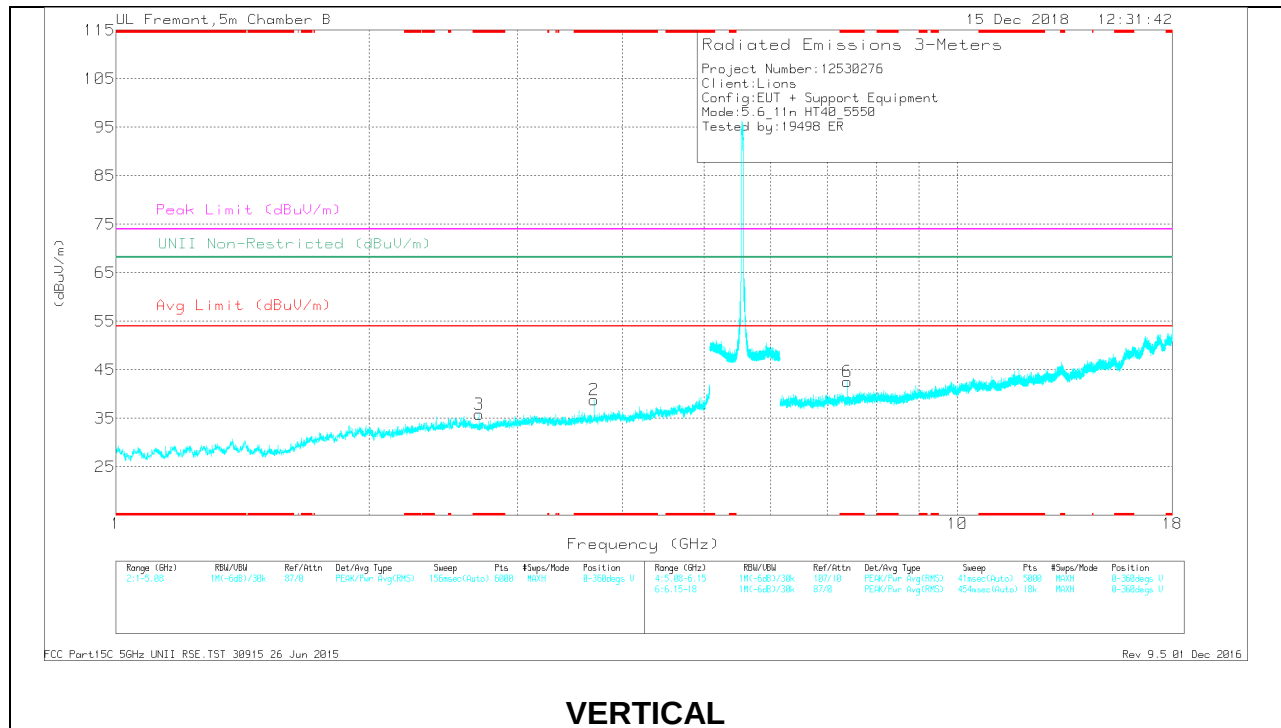
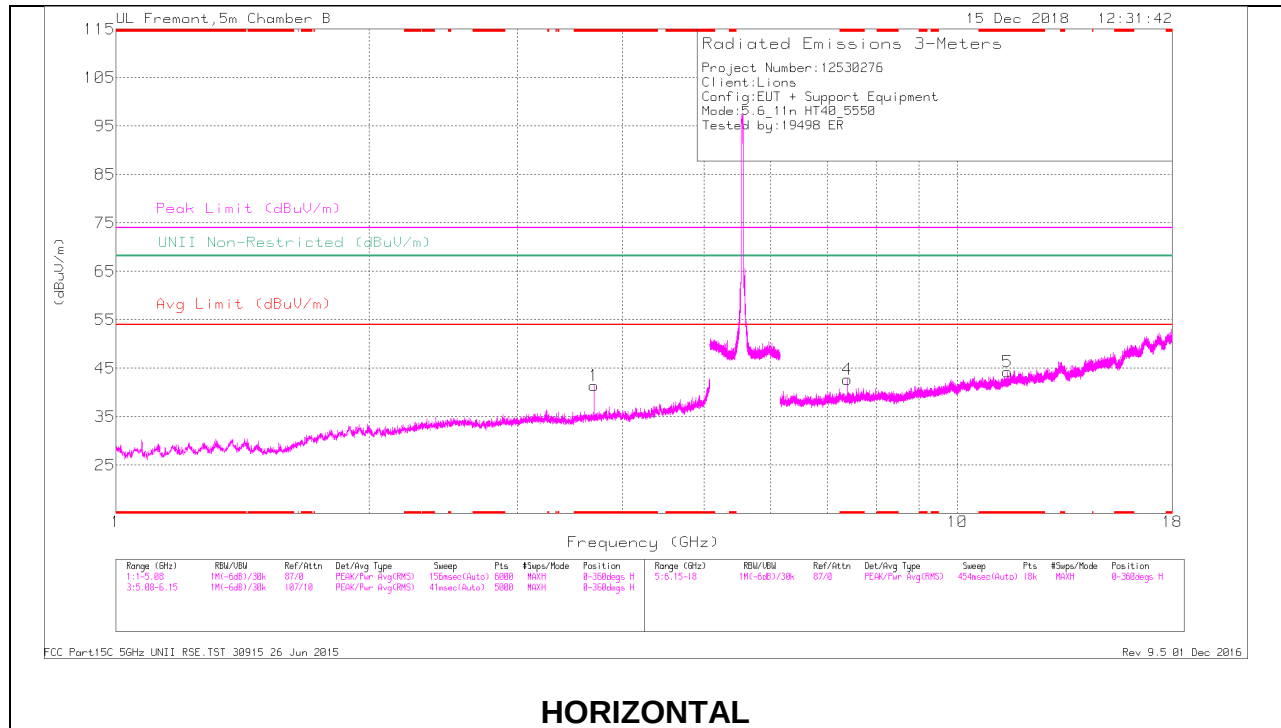
Frequency (GHz)	Meter Reading (dBuV)	Det	AF TR63 (dB/m)	Amp/CA/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avrg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	ULRII Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 3.673	43.27	PK-U	33.2	-30.9	0	45.57	-	-	74	-28.43	-	-	53	133	H
* 3.673	35.98	ADR	33.2	-30.9	0.58	38.86	54	-15.14	-	-	-	-	53	133	H
* 1.396	40.31	PK-U	28.5	-33.2	0	35.61	-	-	74	-38.39	-	-	221	178	H
* 1.396	28.42	ADR	28.5	-33.2	0.58	24.3	54	-29.7	-	-	-	-	221	178	H
* 3.673	42.61	PK-U	33.2	-30.9	0	44.91	-	-	74	-29.09	-	-	28	178	V
* 3.673	33.46	ADR	33.2	-30.9	0.58	36.34	54	-17.66	-	-	-	-	28	178	V
* 2.7	43.06	PK-U	32.3	-31.8	0	43.56	-	-	74	-30.44	-	-	174	102	V
* 2.7	33.71	ADR	32.3	-31.8	0.58	34.79	54	-19.21	-	-	-	-	174	102	V
* 7.347	39.35	PK-U	36	-26.9	0	48.45	-	-	74	-25.55	-	-	53	190	H
* 7.347	31.2	ADR	36	-26.9	0.58	40.88	54	-13.12	-	-	-	-	53	190	H
* 7.347	39.16	PK-U	36	-26.9	0	48.26	-	-	74	-25.74	-	-	67	146	V
* 7.347	30.62	ADR	36	-26.9	0.58	40.3	54	-13.7	-	-	-	-	67	146	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

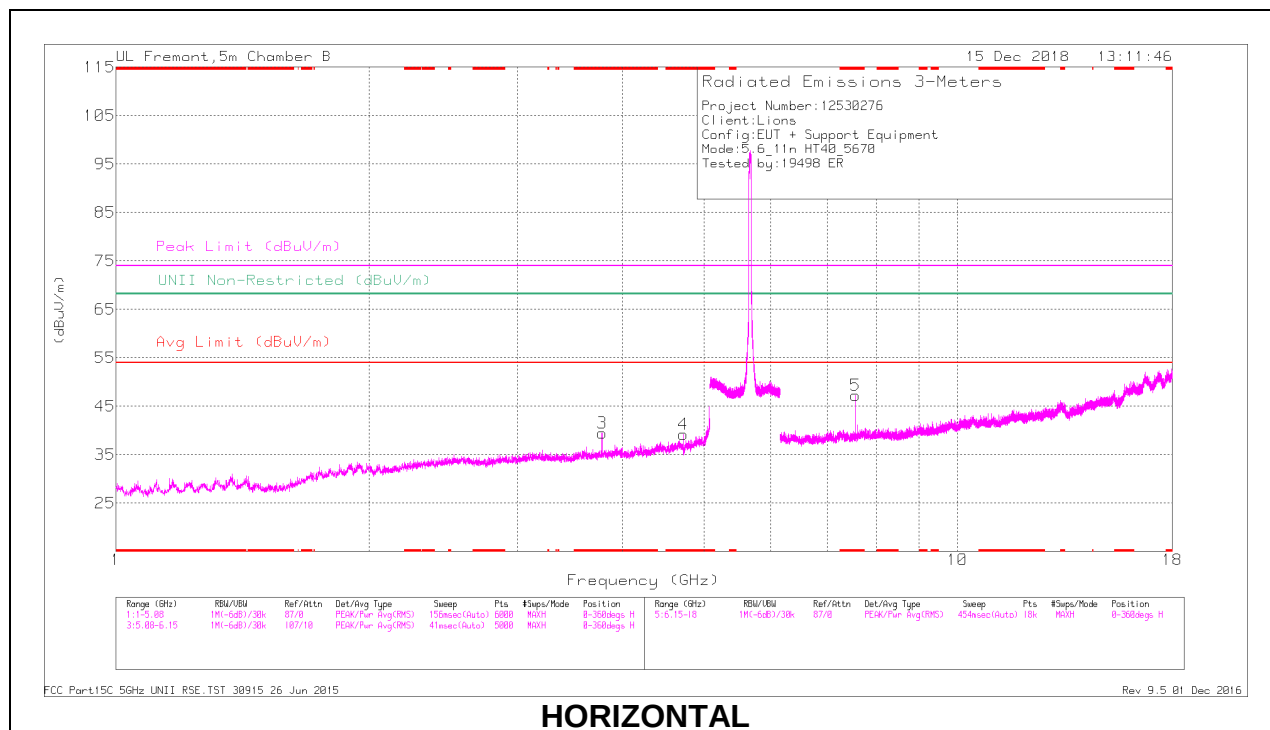
Frequency (Hz)	Meter Reading (dBu)	Det	AF 1863 (dB/m)	Amp/Ch/Ftr/Fed (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 3.7	44.81	PK-U	33.2	-30.6	0	47.41	-	-	74	-26.59	-	-	189	185	H
* 3.7	37.22	ADR	33.2	-30.6	0.58	40.4	54	-13.6	-	-	-	-	189	185	H
* 3.7	42.35	PK-U	33.2	-30.6	0	44.95	-	-	74	-29.05	-	-	33	190	V
* 3.7	33.02	ADR	33.2	-30.6	0.58	36.2	54	-17.8	-	-	-	-	33	190	V
* 2.7	42.56	PK-U	32.3	-31.8	0	43.06	-	-	74	-30.94	-	-	173	104	V
* 2.7	33.57	ADR	32.3	-31.8	0.58	34.65	54	-19.35	-	-	-	-	173	104	V
* 7.4	40.71	PK-U	36.2	-27.7	0	49.21	-	-	74	-24.79	-	-	122	109	H
* 7.4	32.53	ADR	36.2	-27.7	0.58	41.61	54	-12.39	-	-	-	-	122	109	H
* 11.468	34.72	PK-U	38.4	-22.6	0	50.52	-	-	74	-23.48	-	-	23	172	H
* 11.468	21.66	ADR	38.4	-22.6	0.58	38.04	54	-15.96	-	-	-	-	23	172	H
* 7.4	40.38	PK-U	36.2	-27.7	0	48.88	-	-	74	-25.12	-	-	75	118	V
* 7.4	32.17	ADR	36.2	-27.7	0.58	41.25	54	-12.75	-	-	-	-	75	118	V

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

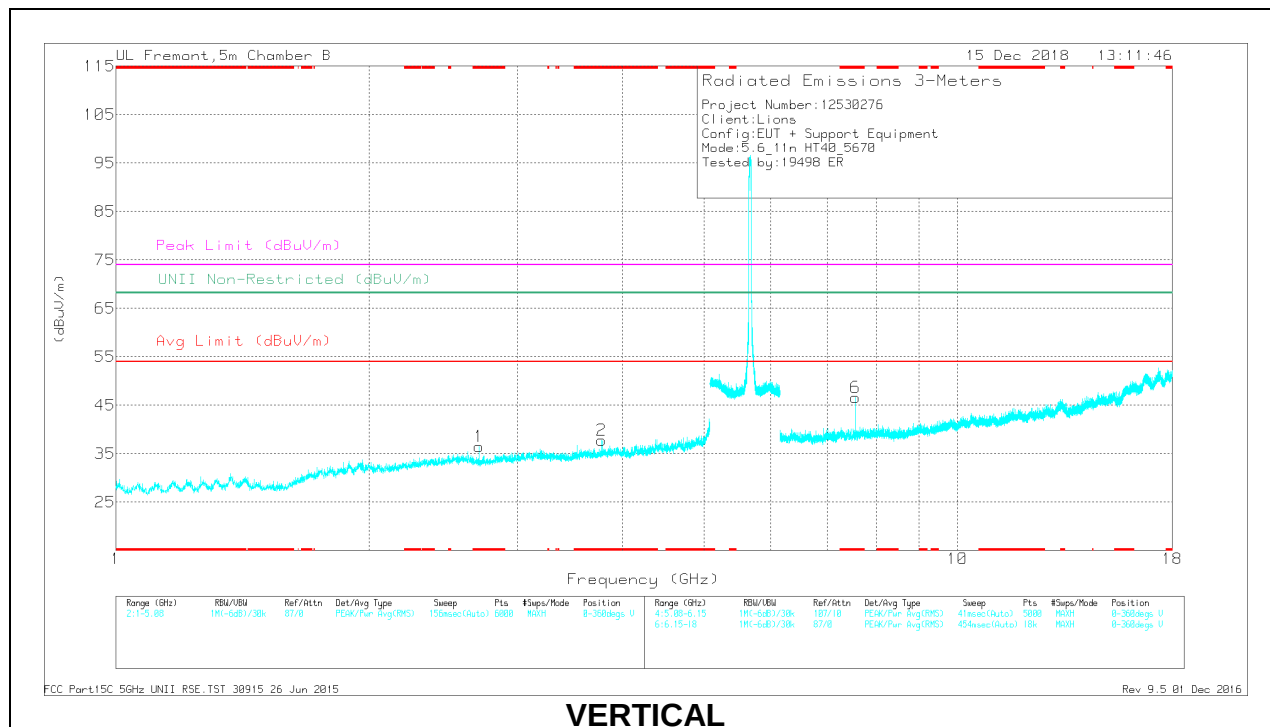
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

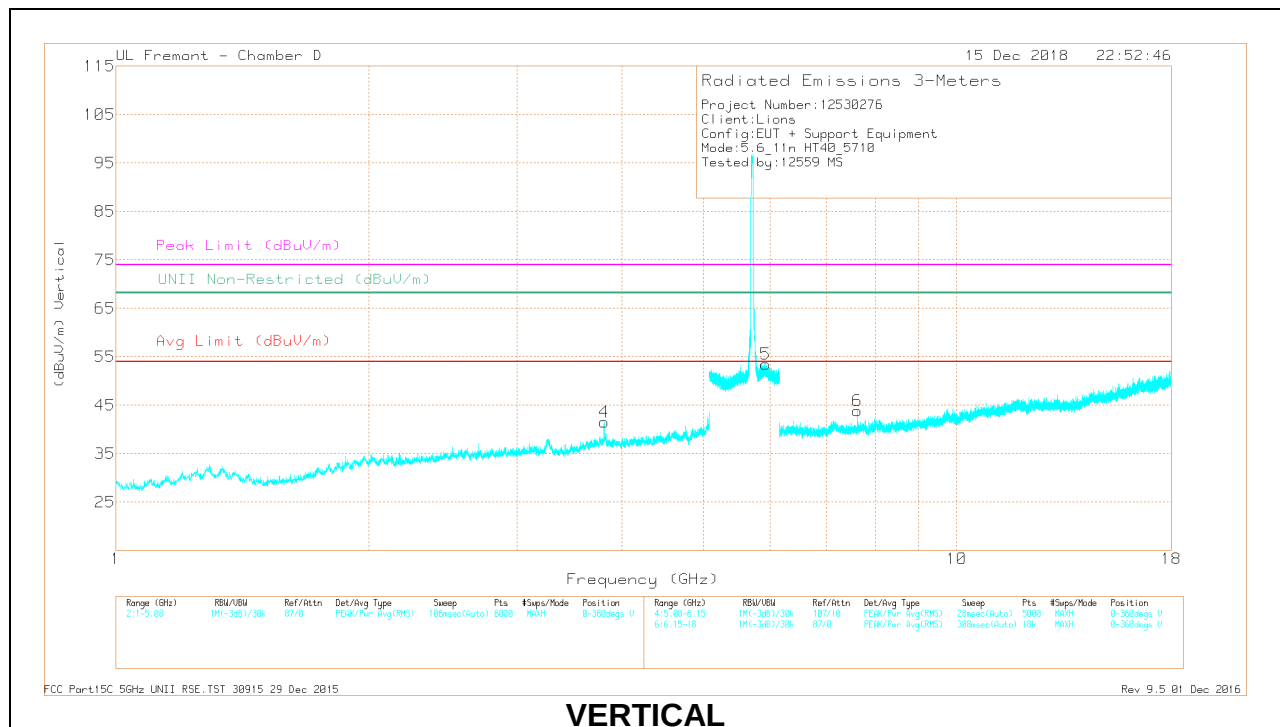
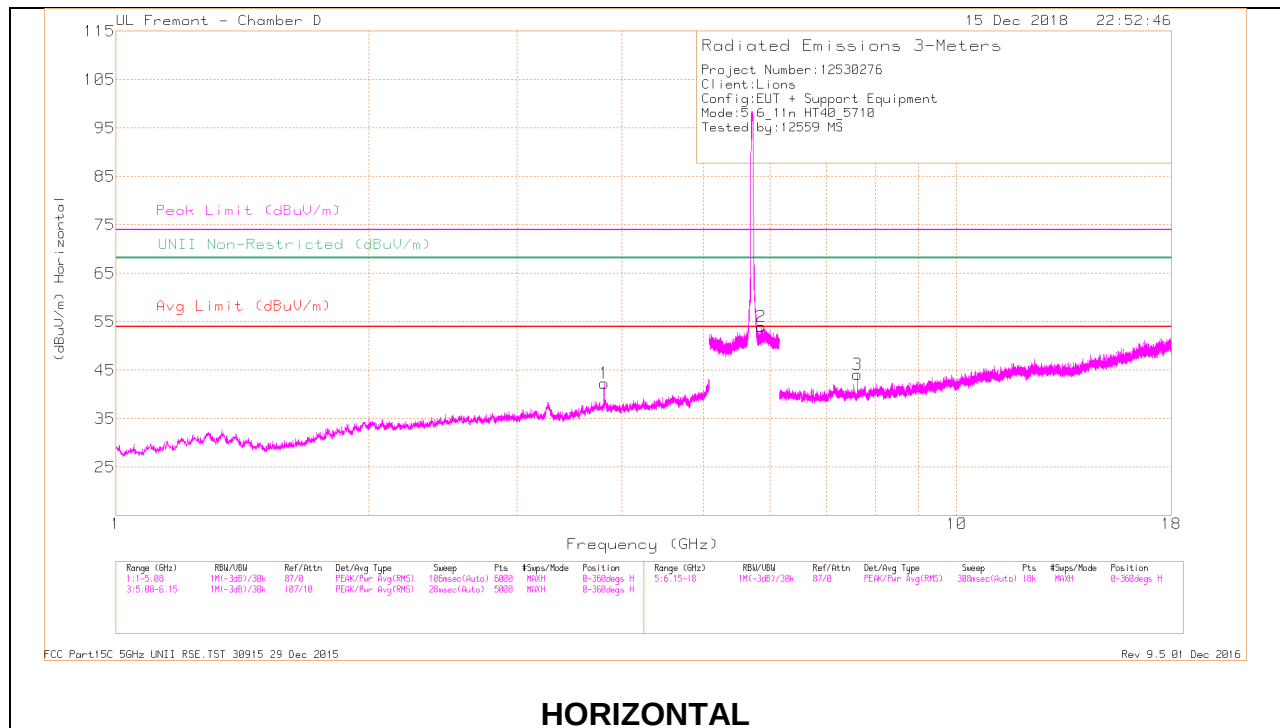
Frequency (GHz)	Meter Reading (dBuV)	Det	AF TR63 (dB/m)	Amp/Cou/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unfil Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 3.78	43.49	PK-U	33.4	-30.5	0	46.39	-	-	74	-27.61	-	-	195	158	H
* 3.78	35	ADR	33.4	-30.5	0.58	38.48	54	-15.52	-	-	-	-	195	158	H
* 4.725	41.71	PK-U	34.1	-29.4	0	46.41	-	-	74	-27.59	-	-	47	150	H
* 4.725	31.74	ADR	34.1	-29.4	0.58	37.02	54	-16.98	-	-	-	-	47	150	H
* 2.7	41.92	PK-U	32.3	-31.8	0	42.42	-	-	74	-31.58	-	-	175	109	V
* 2.7	33.57	ADR	32.3	-31.8	0.58	34.65	54	-19.35	-	-	-	-	175	109	V
* 3.78	41.92	PK-U	33.4	-30.5	0	44.82	-	-	74	-29.18	-	-	28	216	V
* 3.78	31.53	ADR	33.4	-30.5	0.58	35.01	54	-18.99	-	-	-	-	28	216	V
* 7.56	42.28	PK-U	36.3	-26.6	0	51.98	-	-	74	-22.02	-	-	118	124	H
* 7.56	36.97	ADR	36.3	-26.6	0.58	47.25	54	-6.75	-	-	-	-	118	124	H
* 7.56	42.85	PK-U	36.3	-26.6	0	52.55	-	-	74	-21.45	-	-	101	213	V
* 7.56	37.57	ADR	36.3	-26.6	0.58	47.85	54	-6.15	-	-	-	-	101	213	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 142 RESULTS



RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1119 (dB/m)	Amp/Cou/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unfil Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 3.806	42.79	PK-U	34	-27.5	0	49.29	-	-	74	-24.71	-	-	200	143	H
* 3.807	34.91	ADR	34	-27.5	0.58	41.99	54	-12.01	-	-	-	-	200	143	H
* 3.807	41.1	PK-U	34	-27.5	0	47.6	-	-	74	-26.4	-	-	49	184	V
* 3.807	31.41	ADR	34	-27.5	0.58	38.49	54	-15.51	-	-	-	-	49	184	V
* 7.613	39.07	PK-U	35.8	-24.5	0	50.37	-	-	74	-23.63	-	-	110	144	H
* 7.613	30.52	ADR	35.8	-24.5	0.58	42.4	54	-11.6	-	-	-	-	110	144	H
* 7.613	39.85	PK-U	35.8	-24.5	0	51.15	-	-	74	-22.85	-	-	111	238	V
* 7.613	31.73	ADR	35.8	-24.5	0.58	43.61	54	-10.39	-	-	-	-	111	238	V
5.86	42.37	PK-U	35	-16.5	0	60.87	-	-	-	-	68.2	-7.33	254	368	H
5.861	26.17	ADR	35	-16.5	0.58	45.25	-	-	-	-	-	-	254	368	H
5.927	42.79	PK-U	35.2	-16.3	0	61.69	-	-	-	-	68.2	-6.51	32	242	V
5.928	26.17	ADR	35.2	-16.2	0.58	45.75	-	-	-	-	-	-	32	242	V

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

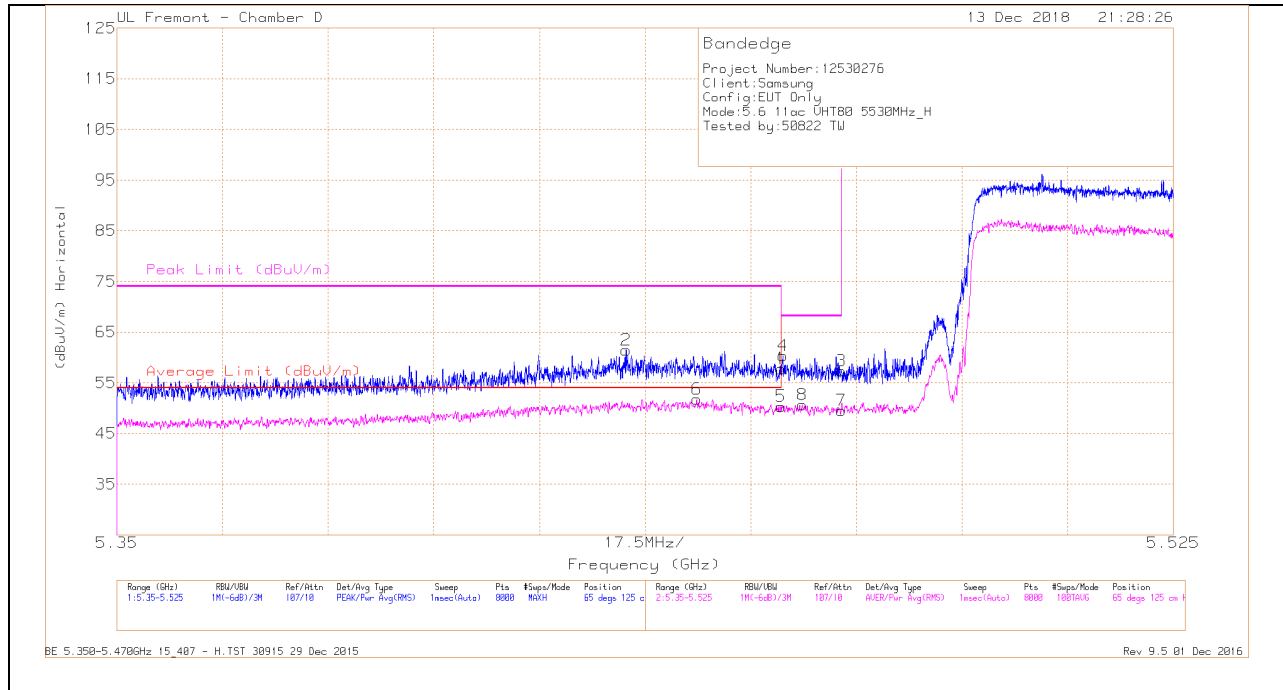
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

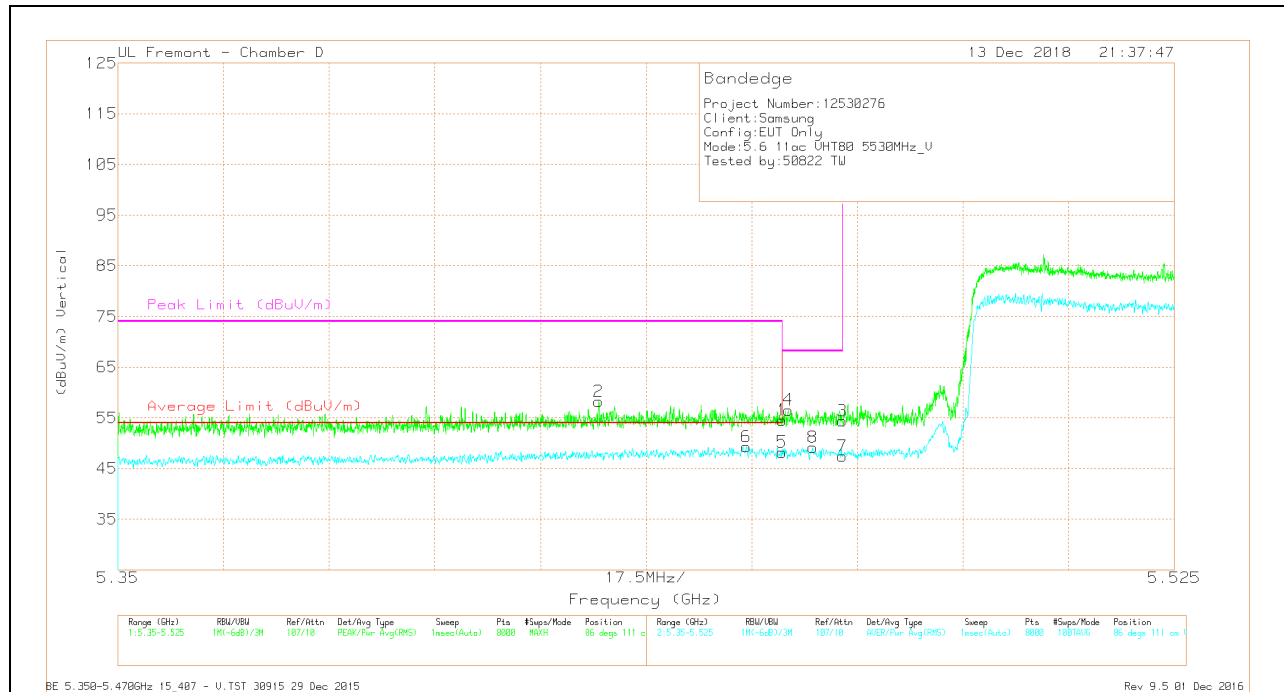
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Ch/Flt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	40.1	Pk	34.6	-16.9	0	57.8	-	-	74	-16.2	65	125	H
2	* 5.434	43.96	Pk	34.6	-17.1	0	61.46	-	-	74	-12.54	65	125	H
5	* 5.46	31.37	RMS	34.6	-16.9	1.28	50.35	54	-3.65	-	-	65	125	H
6	* 5.446	32.91	RMS	34.6	-17	1.28	51.79	54	-2.21	-	-	65	125	H
4	5.46	42.62	Pk	34.6	-16.9	0	60.32	-	-	68.2	-7.88	65	125	H
8	5.464	31.64	RMS	34.5	-16.8	1.28	50.62	-	-	-	-	65	125	H
3	5.47	39.69	Pk	34.6	-16.9	0	57.39	-	-	68.2	-10.81	65	125	H
7	5.47	30.61	RMS	34.6	-16.9	1.28	49.59	-	-	-	-	65	125	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (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	36.87	Pk	34.6	-16.9	0	54.57	-	-	74	-19.43	86	111	V
2	* 5.43	40.81	Pk	34.5	-17.1	0	58.21	-	-	74	-15.79	86	111	V
5	* 5.46	29.26	RMS	34.6	-16.9	1.28	48.24	54	-5.76	-	-	86	111	V
6	* 5.454	30.33	RMS	34.6	-16.9	1.28	49.31	54	-4.69	-	-	86	111	V
4	5.461	38.76	Pk	34.6	-16.8	0	56.56	-	-	68.2	-11.64	86	111	V
8	5.465	30.17	RMS	34.5	-16.8	1.28	49.15	-	-	-	-	86	111	V
3	5.47	36.64	Pk	34.6	-16.9	0	54.34	-	-	68.2	-13.86	86	111	V
7	5.47	28.49	RMS	34.6	-16.9	1.28	47.47	-	-	-	-	86	111	V

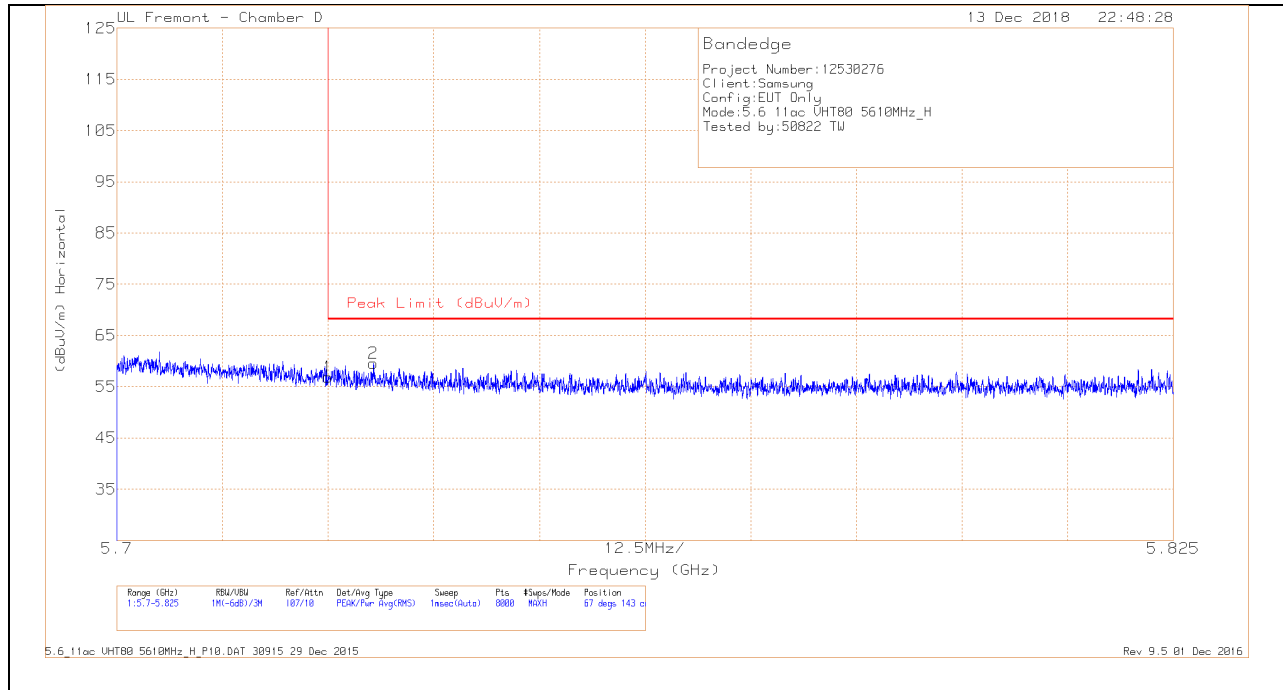
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

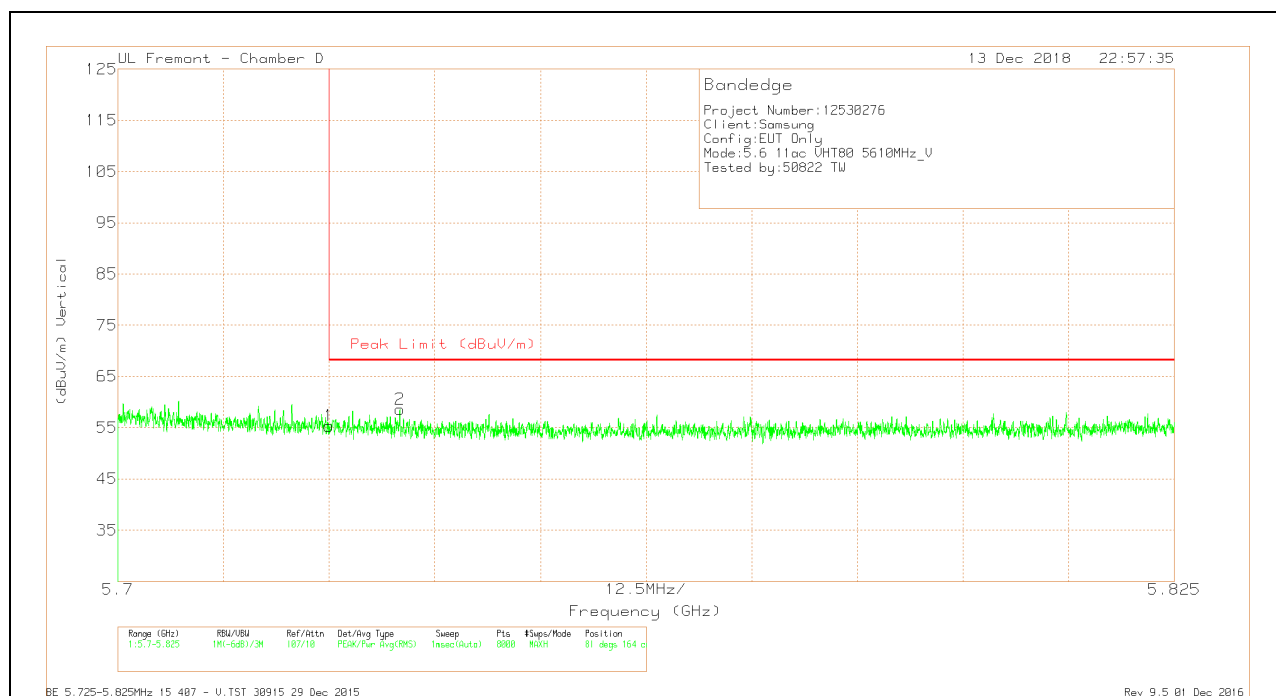


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.61	Pk	34.8	-16.5	0	56.91	68.2	-11.29	67	143	H
2	5.73	41.12	Pk	34.8	-16.4	0	59.52	68.2	-8.68	67	143	H

Pk - Peak detector

VERTICAL RESULT



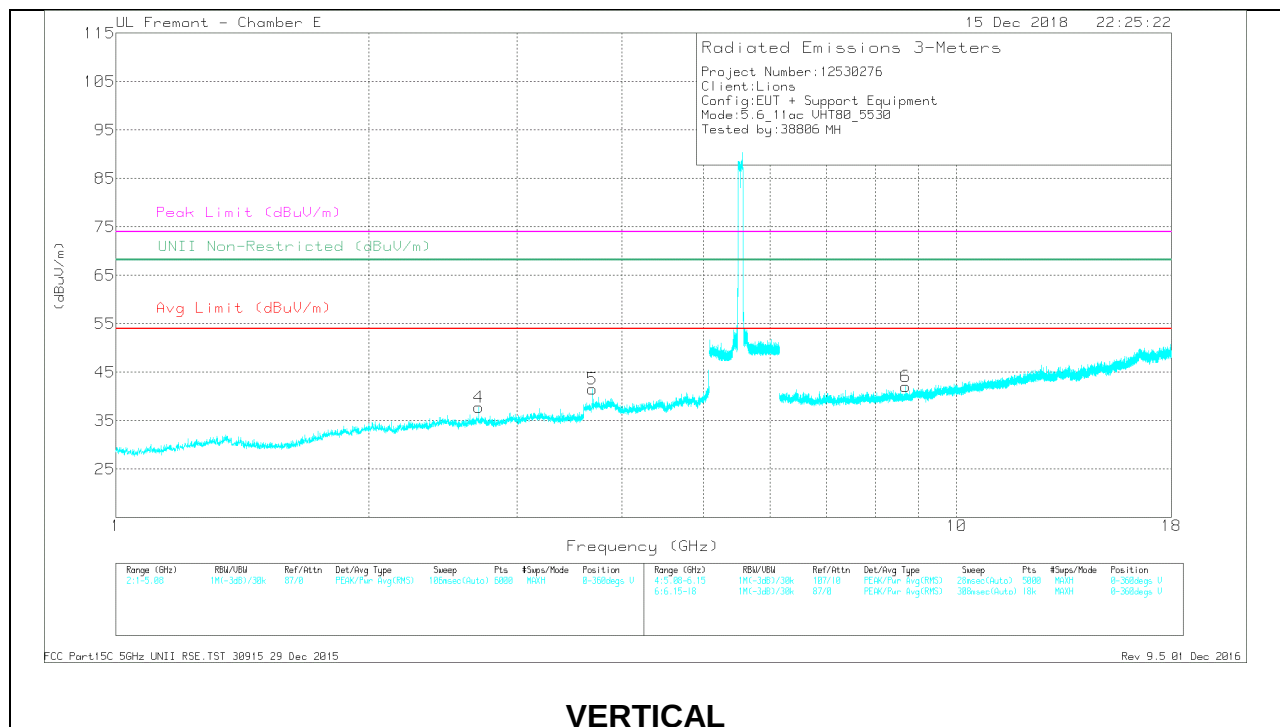
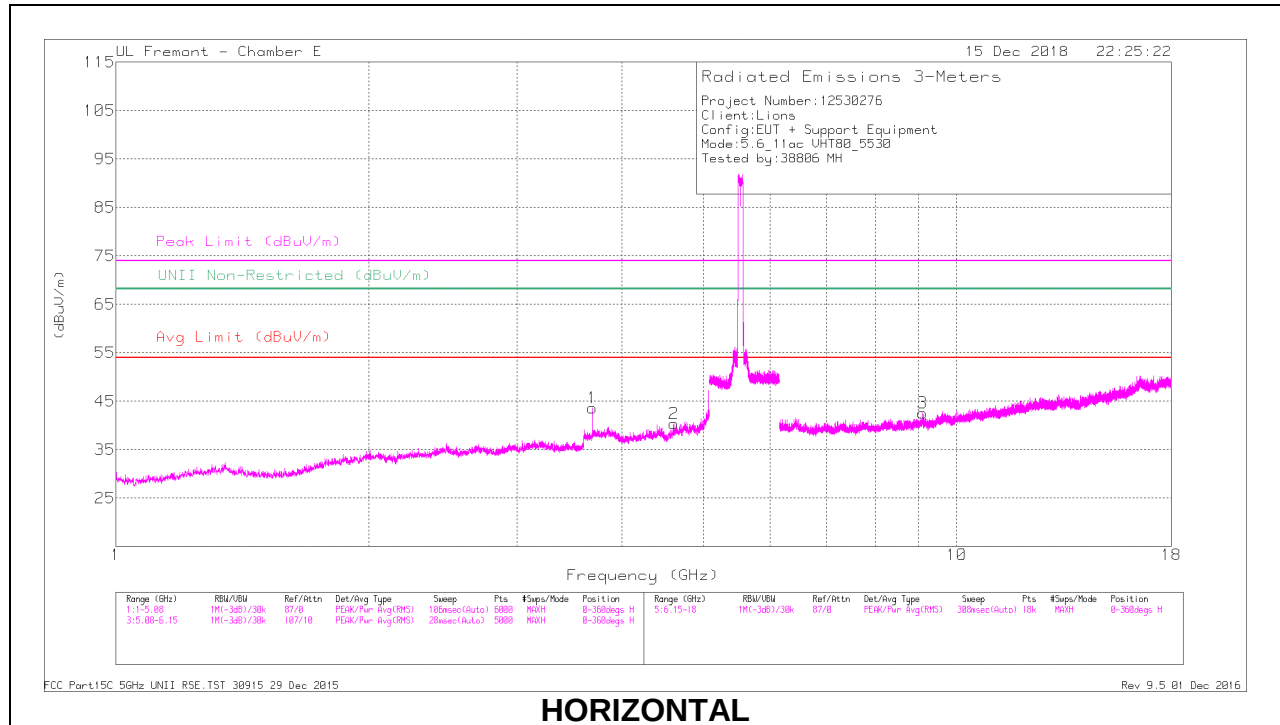
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.04	Pk	34.8	-16.5	0	55.34	68.2	-12.86	81	164	V
2	5.733	40.04	Pk	34.9	-16.4	0	58.54	68.2	-9.66	81	164	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

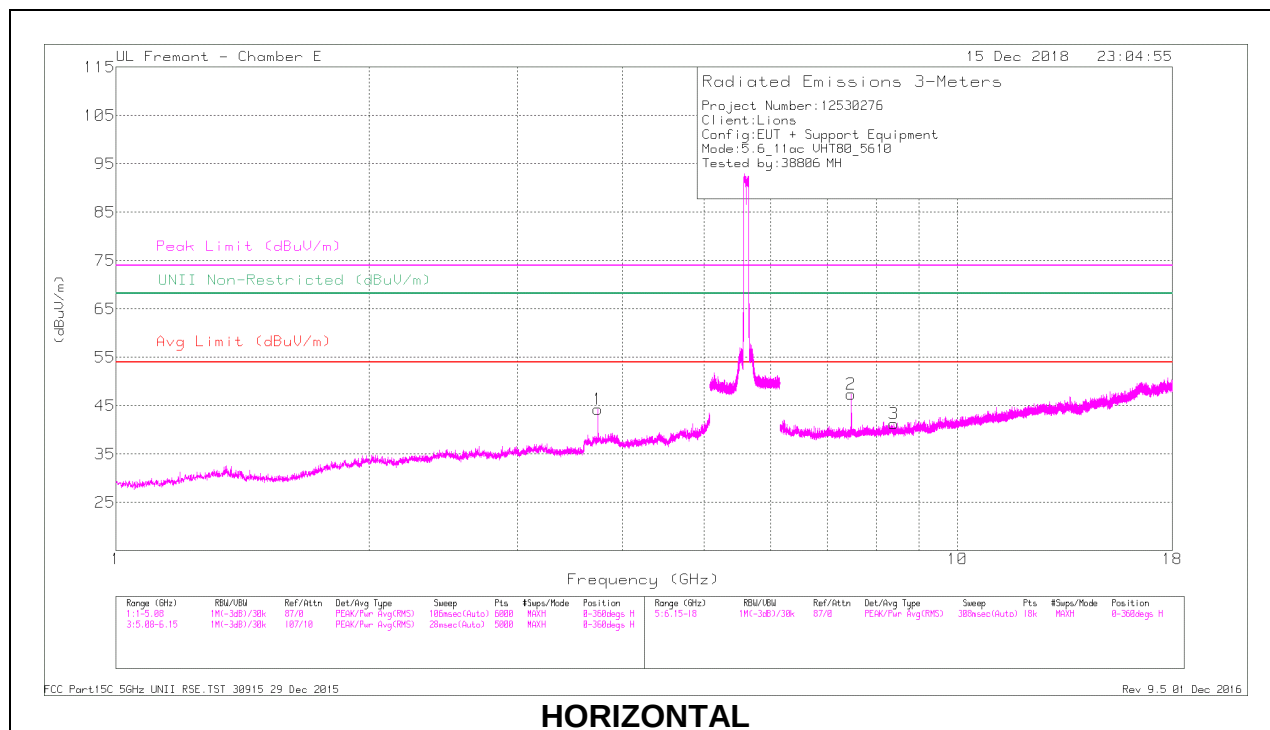
Markers	Frequency (Hz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Chl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 3.687	48.6	PK-U	33.2	-33.4	0	48.4	-	-	74	-25.6	-	-	143	121	H
	* 3.687	40.48	ADR	33.2	-33.4	1.28	41.56	54	-12.44	-	-	-	-	143	121	H
2	* 4.608	45.03	PK-U	33.9	-31.3	0	47.63	-	-	74	-26.37	-	-	151	144	H
	* 4.608	34.87	ADR	33.9	-31.3	1.28	38.75	54	-15.25	-	-	-	-	151	144	H
4	* 2.7	47.65	PK-U	32.5	-35.4	0	44.75	-	-	74	-29.25	-	-	266	114	V
	* 2.7	38.59	ADR	32.5	-35.4	1.28	36.97	54	-17.03	-	-	-	-	266	114	V
5	* 3.687	47.69	PK-U	33.2	-33.4	0	47.49	-	-	74	-26.51	-	-	134	215	V
	* 3.687	37.81	ADR	33.2	-33.4	1.28	38.89	54	-15.11	-	-	-	-	134	215	V
3	* 9.114	38.37	PK-U	36.2	-25.2	0	49.37	-	-	74	-24.63	-	-	266	230	H
	* 9.117	25.32	ADR	36.2	-25.3	1.28	37.5	54	-16.5	-	-	-	-	266	230	H
6	8.69	37.67	PK-U	36	-26.1	0	47.57	-	-	-	-	68.2	-20.63	8	387	V

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

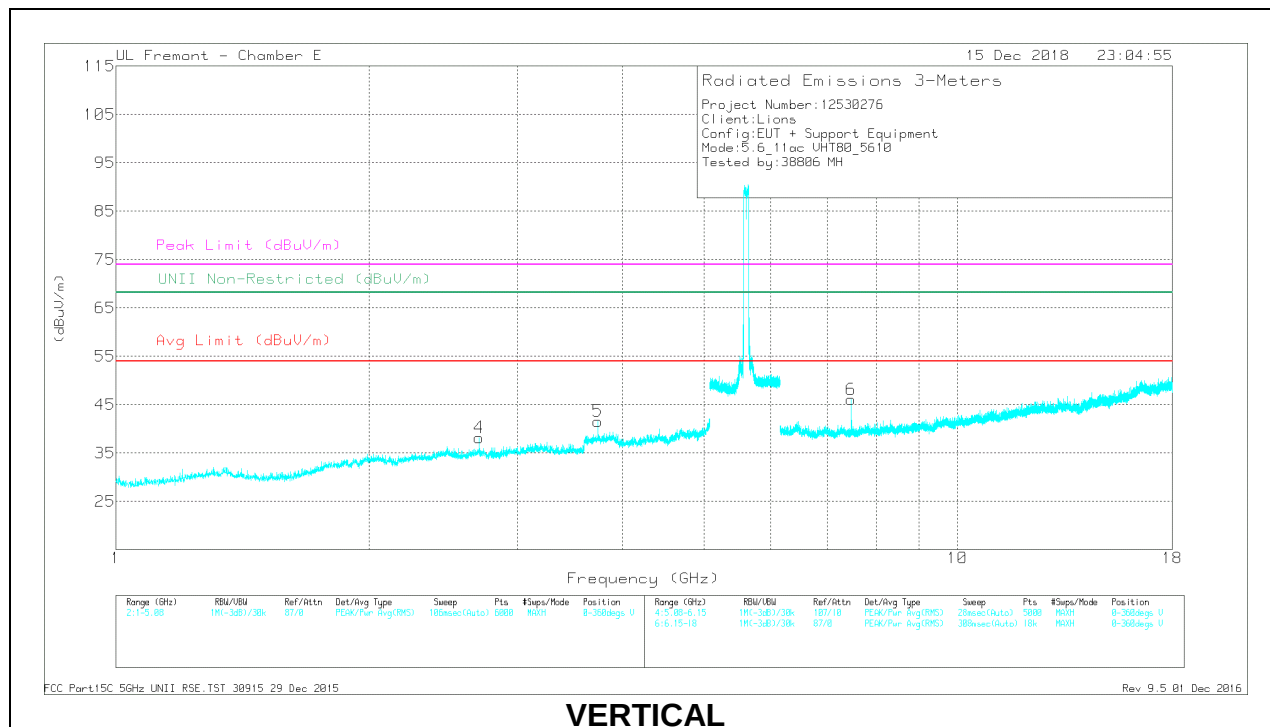
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

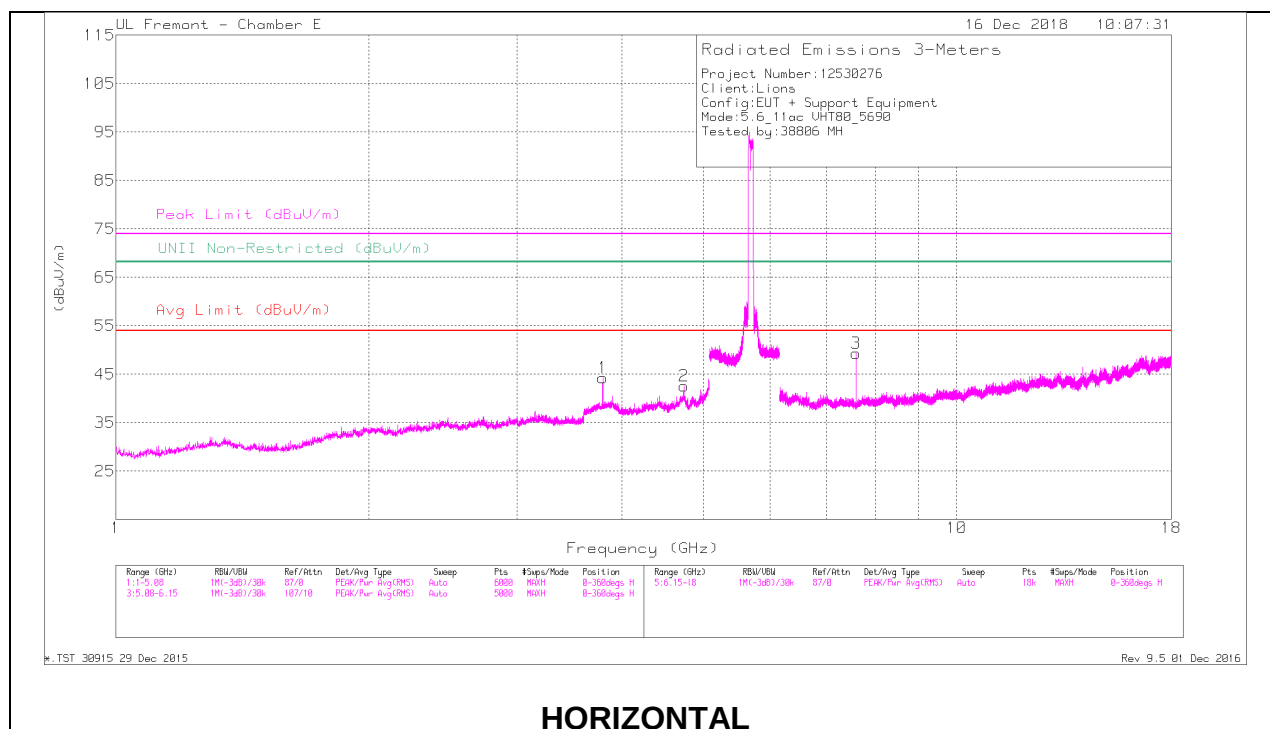
Markers	Frequency (Hz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Ch/Ftr/Pat (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	ULRI Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 3.74	48.1	PK-U	33.4	-32.9	0	48.6	-	-	74	-25.4	-	-	303	111	H
	* 3.74	38.78	ADR	33.4	-32.9	1.28	40.56	54	-13.44	-	-	-	-	303	111	H
4	* 2.7	48.04	PK-U	32.5	-35.4	0	45.14	-	-	74	-28.86	-	-	275	181	V
	* 2.7	38.82	ADR	32.5	-35.4	1.28	37.2	54	-16.8	-	-	-	-	275	181	V
5	* 3.74	47.57	PK-U	33.4	-32.9	0	48.07	-	-	74	-25.93	-	-	134	218	V
	* 3.74	37.16	ADR	33.4	-32.9	1.28	38.94	54	-15.06	-	-	-	-	134	218	V
2	* 7.48	44.5	PK-U	35.6	-27.7	0	52.4	-	-	74	-21.6	-	-	213	105	H
	* 7.48	38.12	ADR	35.6	-27.7	1.28	47.3	54	-6.7	-	-	-	-	213	105	H
3	* 8.409	38.89	PK-U	35.8	-26.8	0	47.89	-	-	74	-26.11	-	-	163	258	H
	* 8.407	26.34	ADR	35.8	-26.8	1.28	36.62	54	-17.38	-	-	-	-	163	258	H
6	* 7.48	44.3	PK-U	35.6	-27.7	0	52.2	-	-	74	-21.8	-	-	198	244	V
	* 7.48	37.94	ADR	35.6	-27.7	1.28	47.12	54	-6.88	-	-	-	-	198	244	V

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

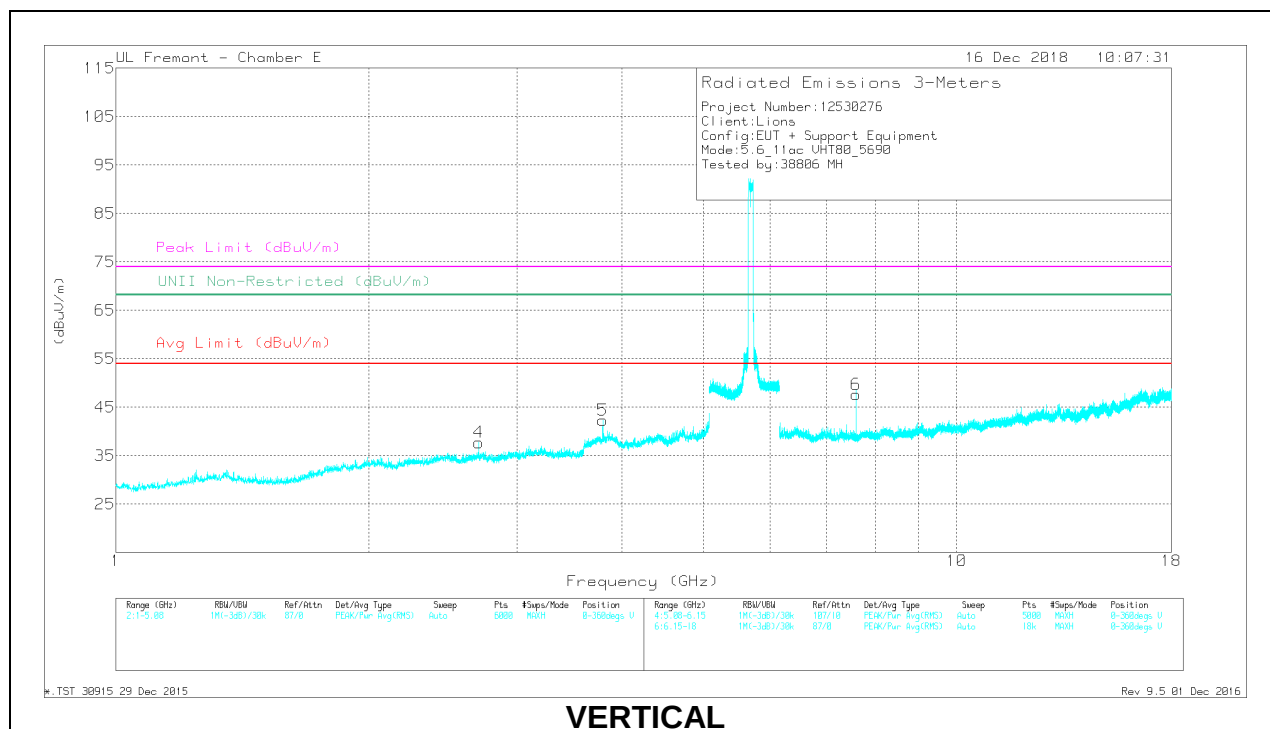
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 138 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Ch/Ftr/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 3.793	47.59	PK-U	33.6	-32.5	0	48.69	-	-	74	-25.31	-	-	113	220	H
	* 3.793	38.97	ADR	33.6	-32.5	1.28	41.35	54	-12.65	-	-	-	-	113	220	H
2	* 4.741	45.2	PK-U	33.9	-31	0	48.1	-	-	74	-25.9	-	-	308	163	H
	* 4.742	33.75	ADR	33.9	-31	1.28	37.93	54	-16.07	-	-	-	-	308	163	H
4	* 2.7	47.43	PK-U	32.5	-35.4	0	44.53	-	-	74	-29.47	-	-	82	110	V
	* 2.7	38.5	ADR	32.5	-35.4	1.28	36.88	54	-17.12	-	-	-	-	82	110	V
5	* 3.793	46.32	PK-U	33.6	-32.5	0	47.42	-	-	74	-26.58	-	-	317	165	V
	* 3.793	37.14	ADR	33.6	-32.5	1.28	39.52	54	-14.48	-	-	-	-	317	165	V
3	* 7.587	45.79	PK-U	35.7	-28	0	53.49	-	-	74	-20.51	-	-	24	102	H
	* 7.587	40.6	ADR	35.7	-28	1.28	49.58	54	-4.42	-	-	-	-	24	102	H
6	* 7.586	46.1	PK-U	35.7	-28	0	53.8	-	-	74	-20.2	-	-	19	204	V
	* 7.587	41.13	ADR	35.7	-28	1.28	50.11	54	-3.89	-	-	-	-	19	204	V

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

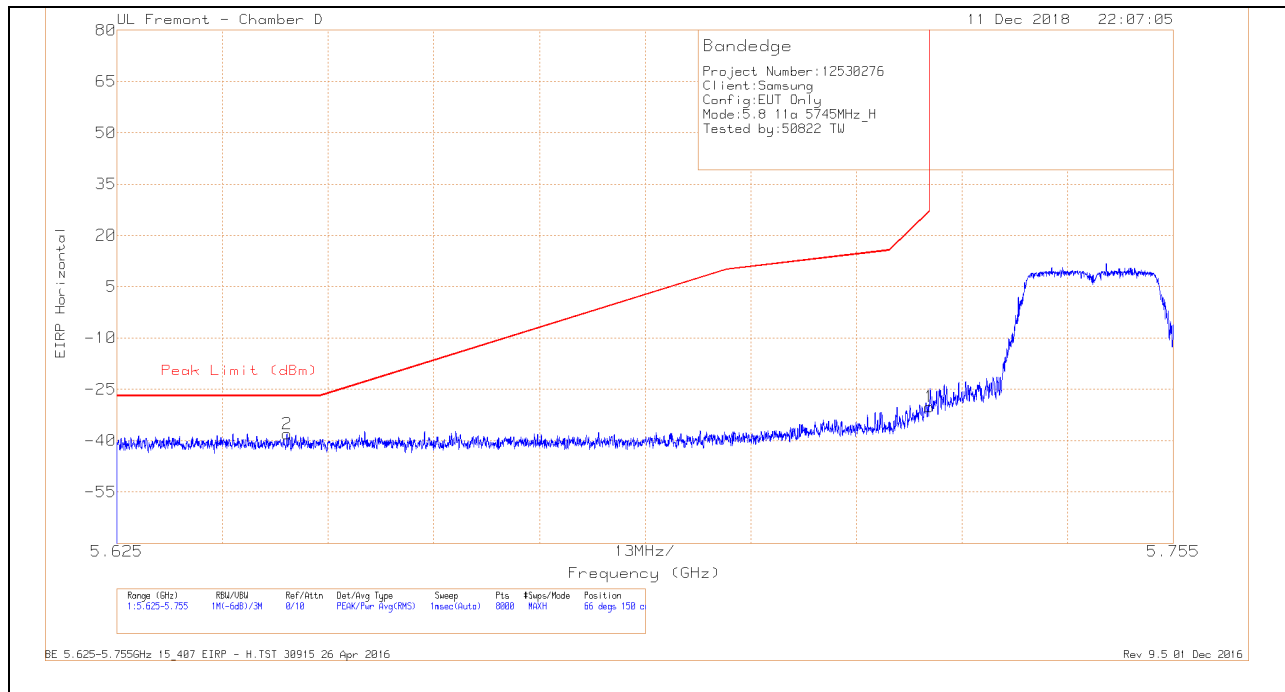
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

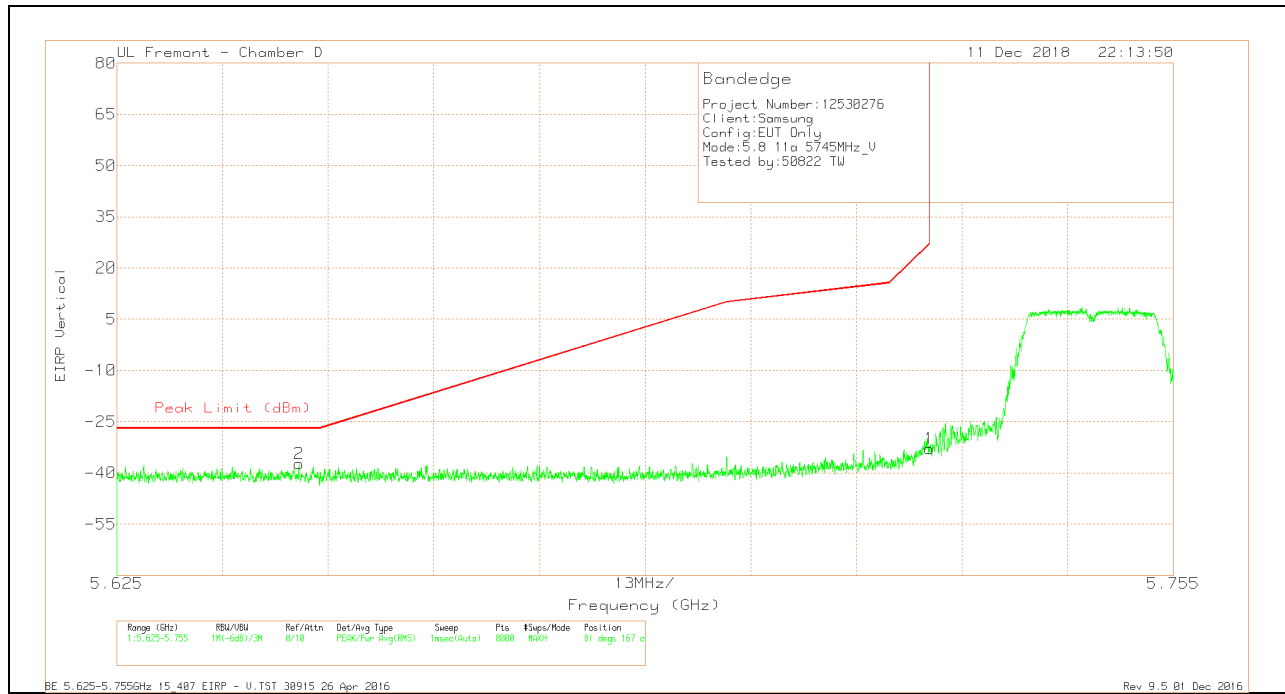


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT119 (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
2	5.646	-68.05	Pk	34.8	-16.5	11.8	0	-37.95	-27	-10.95	66	150	H
1	5.725	-60.21	Pk	34.8	-16.5	11.8	0	-30.11	27	-57.11	66	150	H

Pk - Peak detector

VERTICAL RESULT



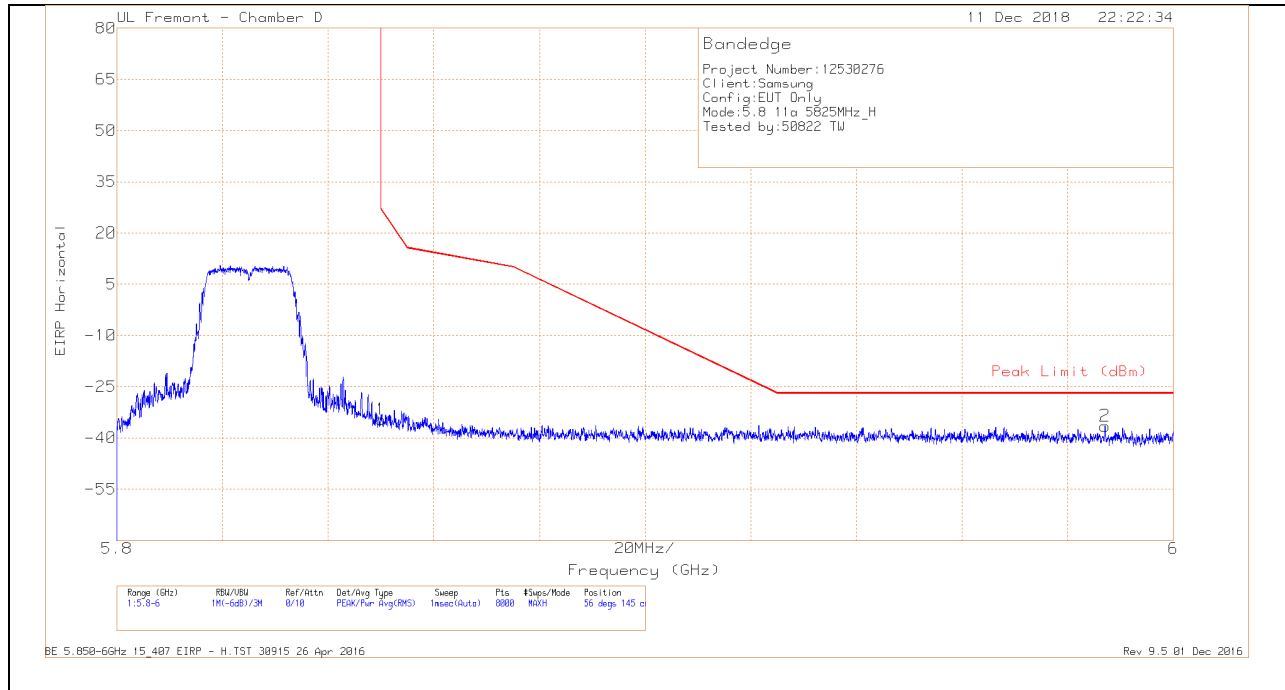
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT119 (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
2	5.647	-67.23	Pk	34.7	-16.5	11.8	0	-37.23	-27	-10.23	81	167	V
1	5.725	-63.06	Pk	34.8	-16.5	11.8	0	-32.96	27	-59.96	81	167	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

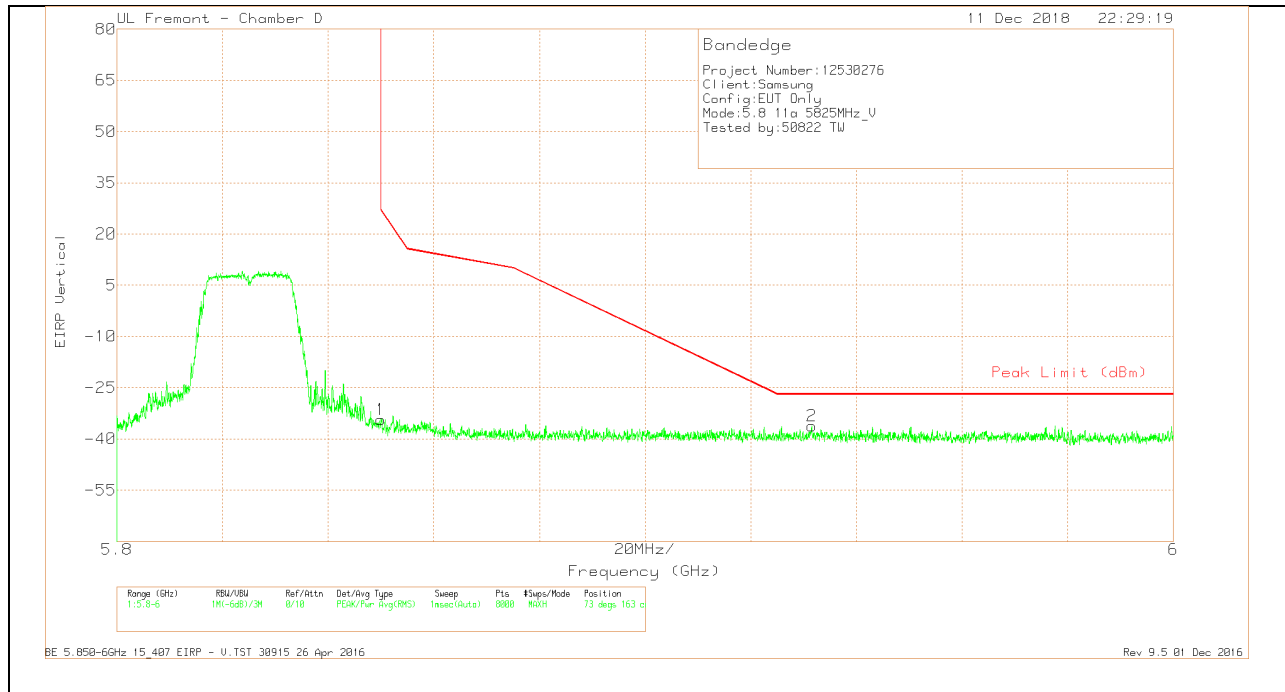


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT119 (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	-64.86	Pk	34.9	-16.4	11.8	0	-34.56	26.99	-61.55	56	145	H
2	5.987	-67.07	Pk	35.1	-16.3	11.8	0	-36.47	-27	-9.47	56	145	H

Pk - Peak detector

VERTICAL RESULT



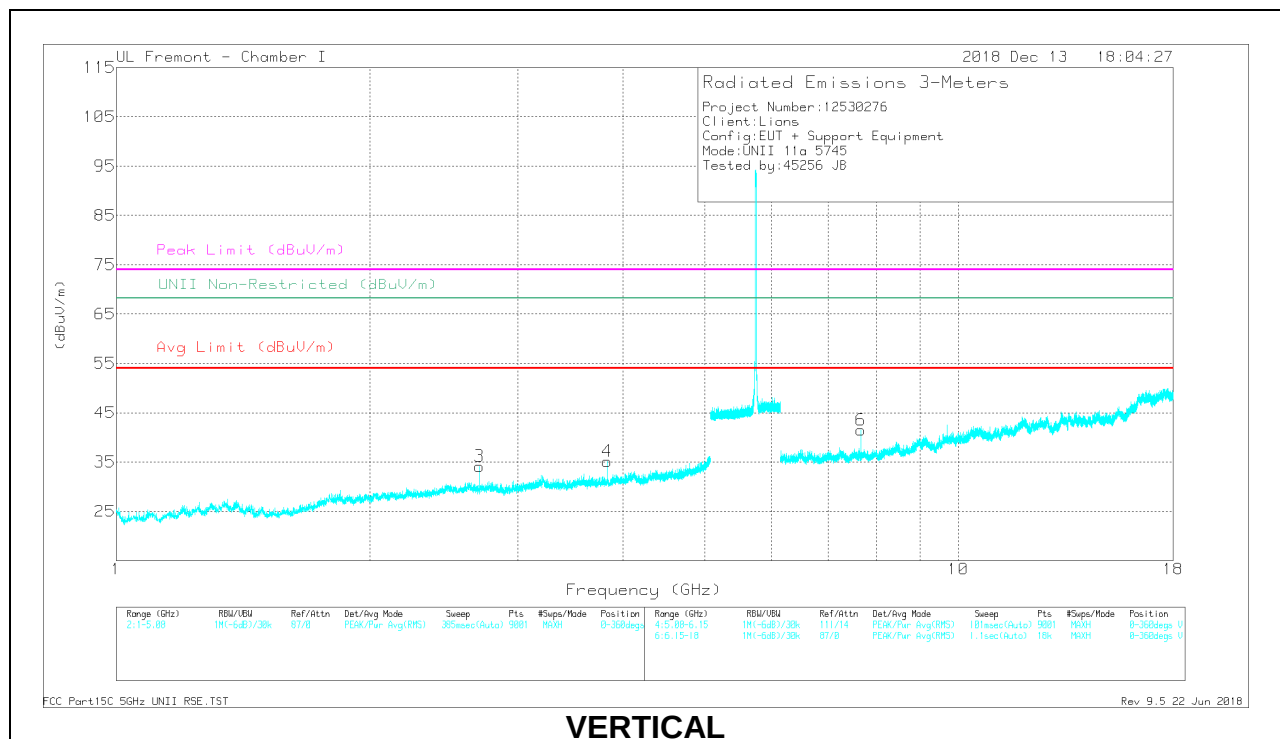
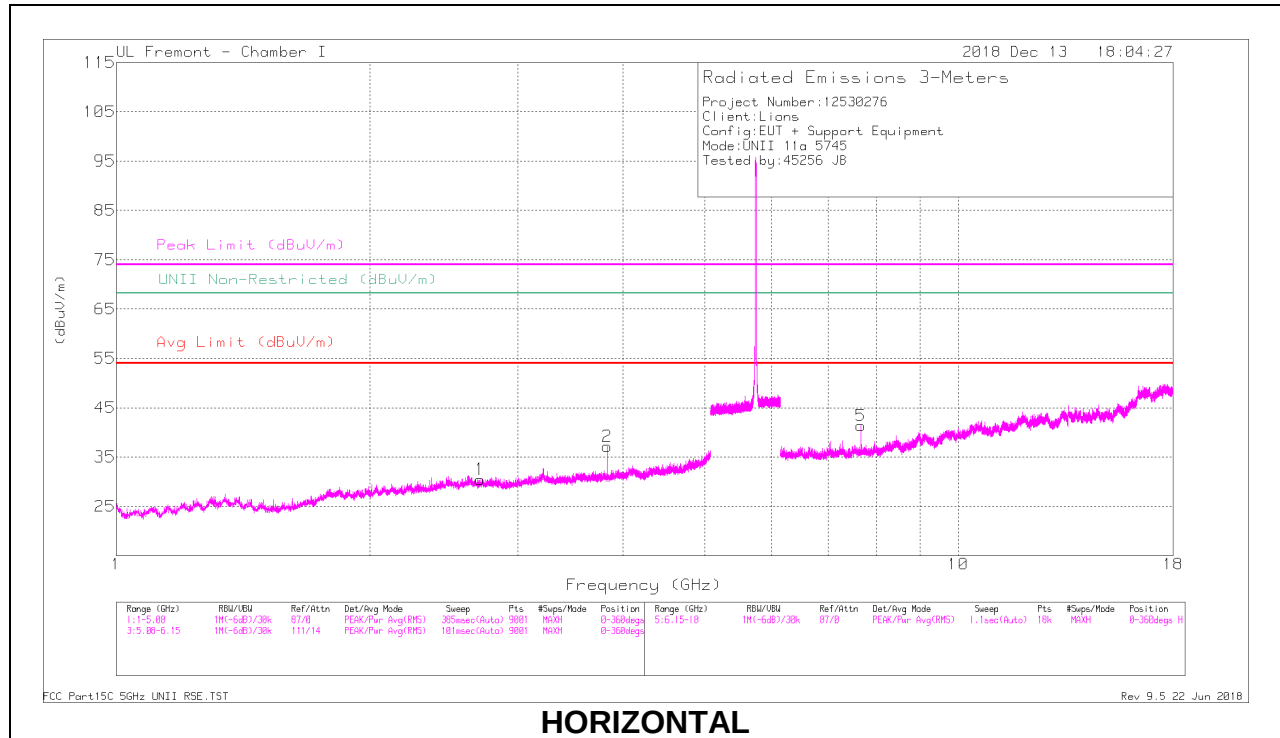
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT119 (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	-64.72	Pk	34.9	-16.4	11.8	0	-34.42	26.99	-61.41	73	163	V
2	5.932	-67.12	Pk	35.2	-16.1	11.8	0	-36.22	-27	-9.22	73	163	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

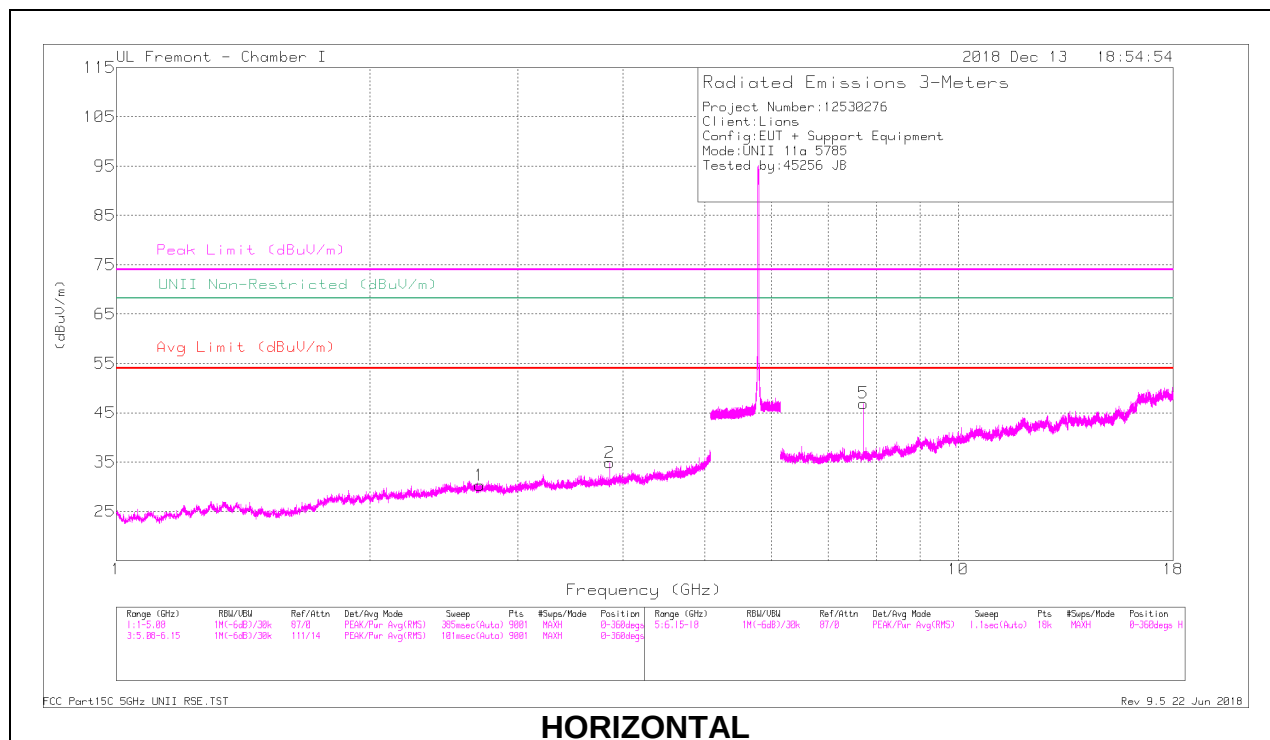
Frequency (GHz)	Meter Reading (dBuV)	Det	AF TR2 (dB/m)	Amp/Cb/FHz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 2.704	37.24	PK-U	32.4	-31.5	0	38.14	-	-	74	-35.86	-	-	133	161	H
* 2.704	27.09	ADR	32.4	-31.5	0.23	28.22	54	-25.78	-	-	-	-	133	161	H
* 3.83	39.24	PK-U	33	-30	0	42.24	-	-	74	-31.76	-	-	183	147	H
* 3.83	33.28	ADR	33	-30	0.23	36.51	54	-17.49	-	-	-	-	183	147	H
* 2.7	38.51	PK-U	32.4	-31.4	0	39.51	-	-	74	-34.49	-	-	167	132	V
* 2.7	32.36	ADR	32.4	-31.4	0.23	33.59	54	-20.41	-	-	-	-	167	132	V
* 3.83	38.47	PK-U	33	-30	0	41.47	-	-	74	-32.53	-	-	74	276	V
* 3.83	30.71	ADR	33	-30	0.23	33.94	54	-20.06	-	-	-	-	74	276	V
* 7.66	32.25	PK-U	35.7	-20.5	0	47.45	-	-	74	-26.55	-	-	104	104	H
* 7.66	25.73	ADR	35.7	-20.5	0.23	41.16	54	-12.84	-	-	-	-	104	104	H
* 7.66	31.68	PK-U	35.7	-20.5	0	46.88	-	-	74	-27.12	-	-	89	254	V
* 7.66	26.21	ADR	35.7	-20.5	0.23	41.64	54	-12.36	-	-	-	-	89	254	V

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

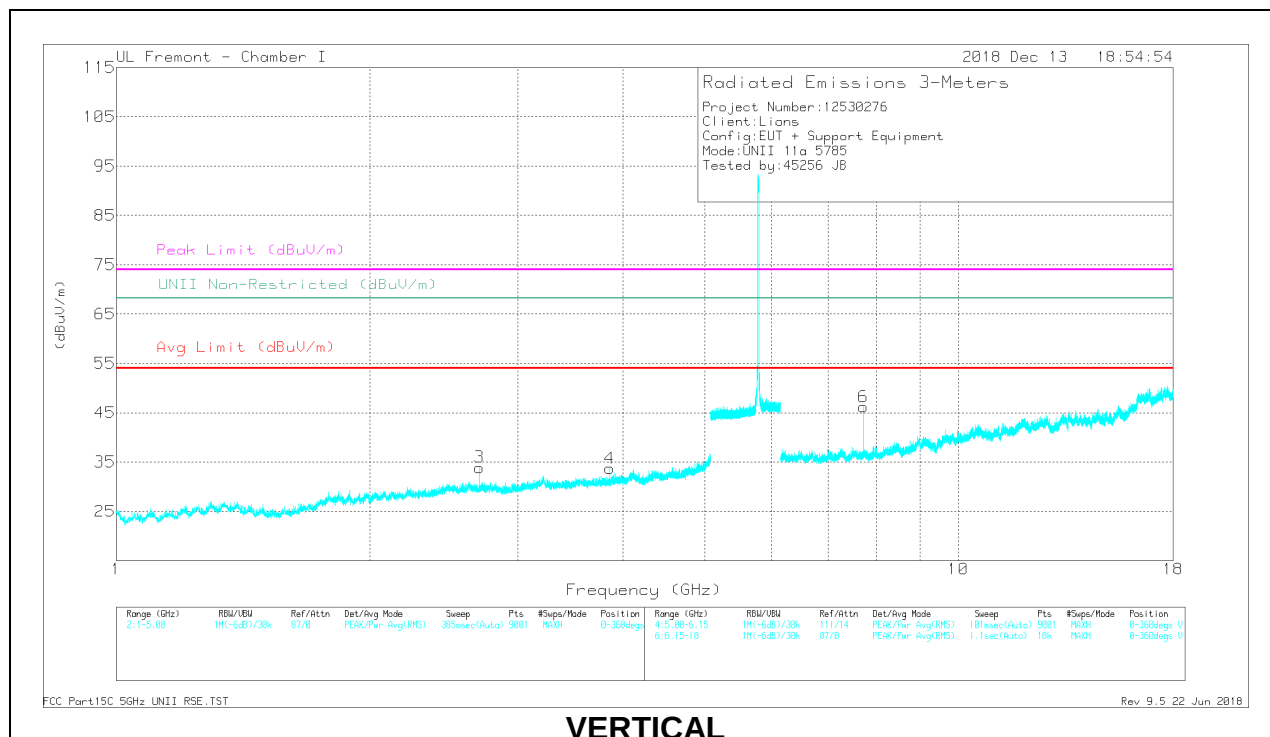
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

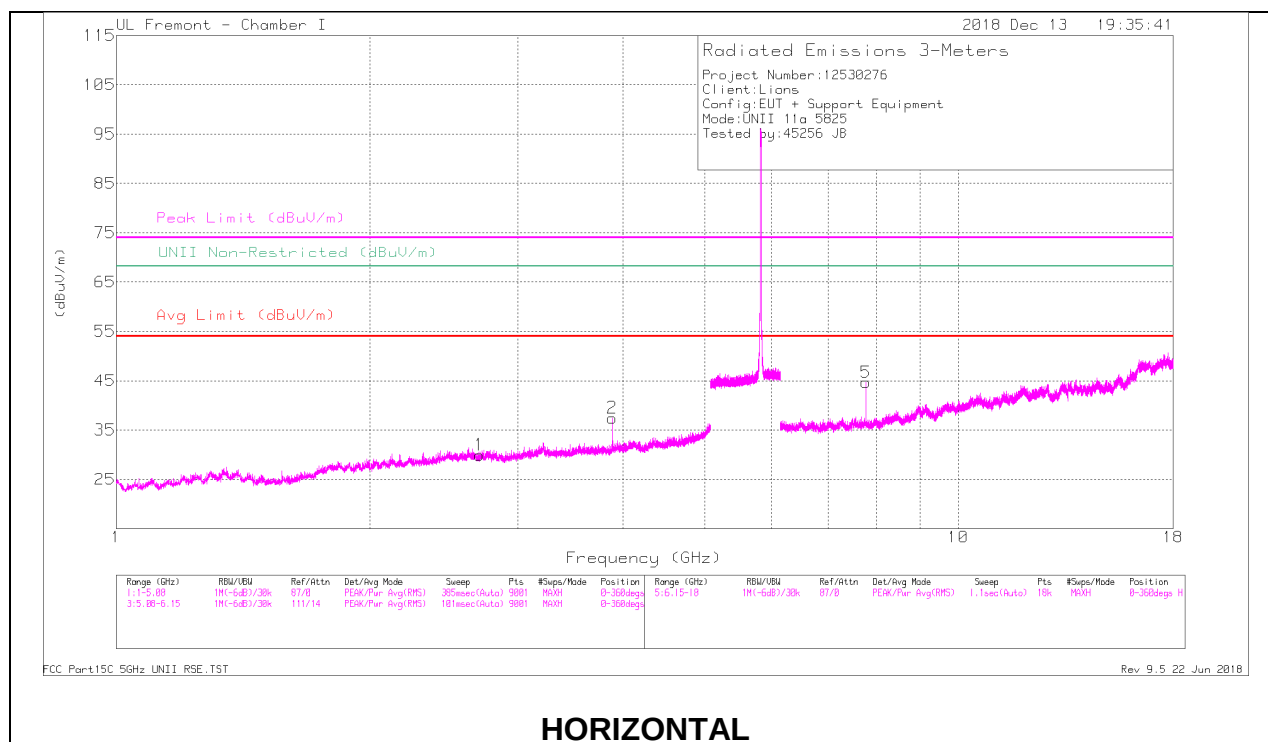
Frequency (GHz)	Meter Reading (dBuV)	Det	AF TR2 (dB/m)	Amp/Cb/FHz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 2.701	36.71	PK-U	32.4	-31.4	0	37.71	-	-	74	-36.29	-	-	319	202	H
* 2.703	26.63	ADR	32.4	-31.5	0.23	27.76	54	-26.24	-	-	-	-	319	202	H
* 3.857	37.93	PK-U	33	-29.4	0	41.53	-	-	74	-32.47	-	-	33	132	H
* 3.857	30.3	ADR	33	-29.5	0.23	34.03	54	-19.97	-	-	-	-	33	132	H
* 2.7	38.57	PK-U	32.4	-31.4	0	39.57	-	-	74	-34.43	-	-	171	109	V
* 2.7	32.1	ADR	32.4	-31.4	0.23	33.33	54	-20.67	-	-	-	-	171	109	V
* 3.857	36.06	PK-U	33	-29.5	0	39.56	-	-	74	-34.44	-	-	35	171	V
* 3.857	27.83	ADR	33	-29.5	0.23	31.56	54	-22.44	-	-	-	-	35	171	V
* 7.713	33.76	PK-U	35.7	-20	0	49.46	-	-	74	-24.54	-	-	106	116	H
* 7.713	29.56	ADR	35.7	-20	0.23	45.49	54	-8.51	-	-	-	-	106	116	H
* 7.713	33.26	PK-U	35.7	-20	0	48.96	-	-	74	-25.04	-	-	91	241	V
* 7.713	29.76	ADR	35.7	-20	0.23	45.69	54	-8.31	-	-	-	-	91	241	V

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

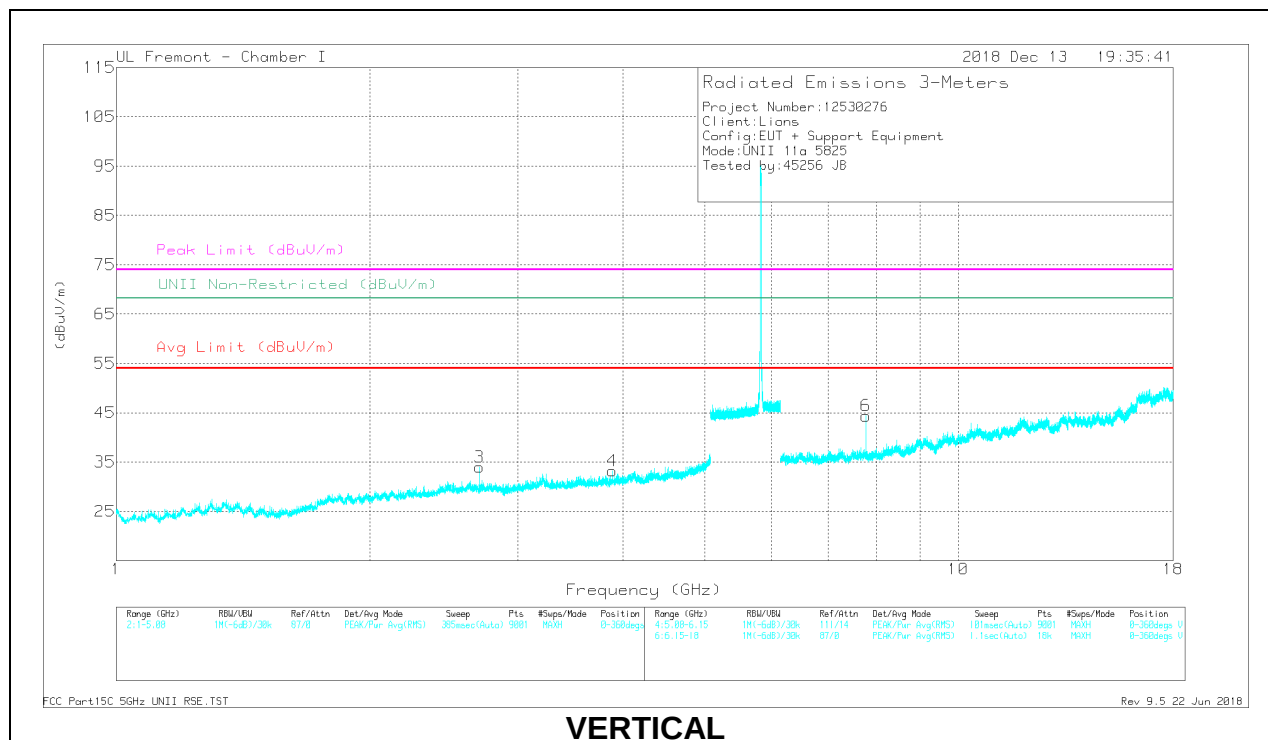
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF TRF2 (dB/m)	Ampl/Ch/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 2.7	36.65	PK-U	32.4	-31.4	0	37.65	-	-	74	-36.35	-	-	93	174	H
* 2.7	28.9	ADR	32.4	-31.4	0.23	30.13	54	-23.87	-	-	-	-	93	174	H
* 3.883	37.23	PK-U	33.1	-28.9	0	41.43	-	-	74	-32.57	-	-	44	118	H
* 3.883	29.27	ADR	33.1	-28.9	0.23	33.7	54	-20.3	-	-	-	-	44	118	H
* 2.7	39.25	PK-U	32.4	-31.4	0	40.25	-	-	74	-33.75	-	-	169	149	V
* 2.7	31.99	ADR	32.4	-31.4	0.23	33.22	54	-20.78	-	-	-	-	169	149	V
* 3.883	35.48	PK-U	33.1	-28.9	0	39.68	-	-	74	-34.32	-	-	117	111	V
* 3.883	26.47	ADR	33.1	-28.9	0.23	30.9	54	-23.1	-	-	-	-	117	111	V
7.767	32.81	PK-U	35.7	-19.8	0	48.71	-	-	-	-	68.2	-19.49	105	102	H
7.767	33.59	PK-U	35.7	-19.8	0	49.49	-	-	-	-	68.2	-18.71	94	157	V

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

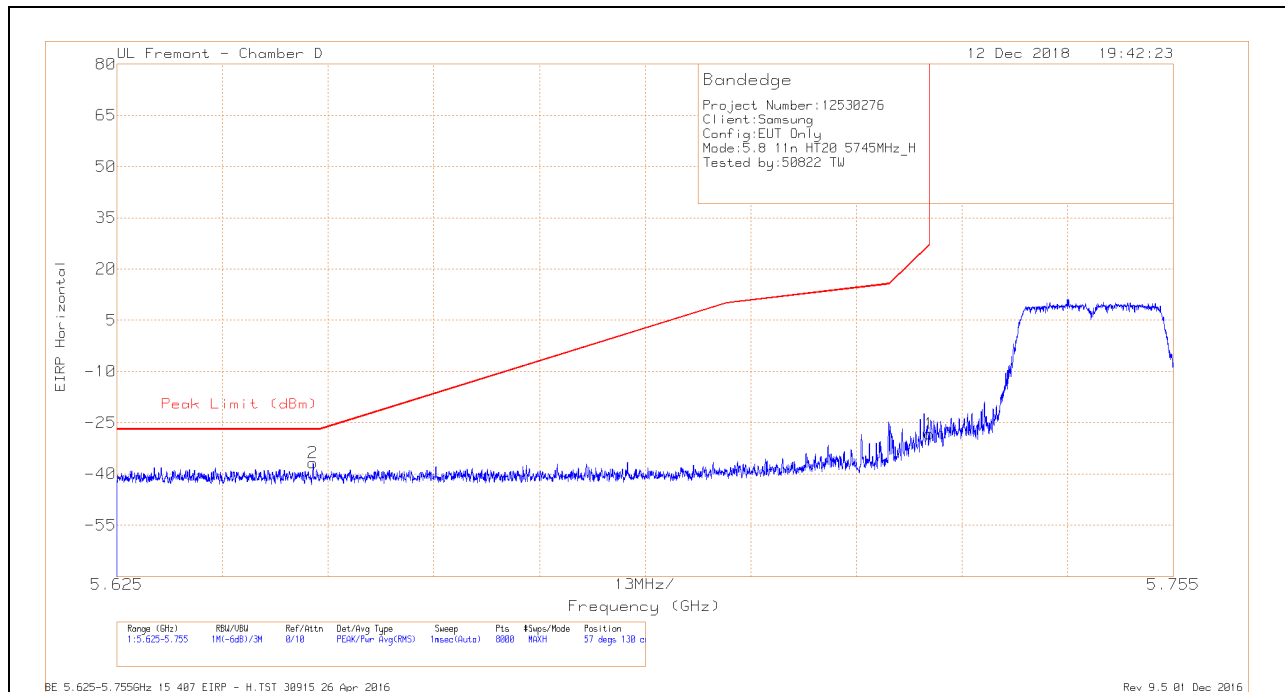
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

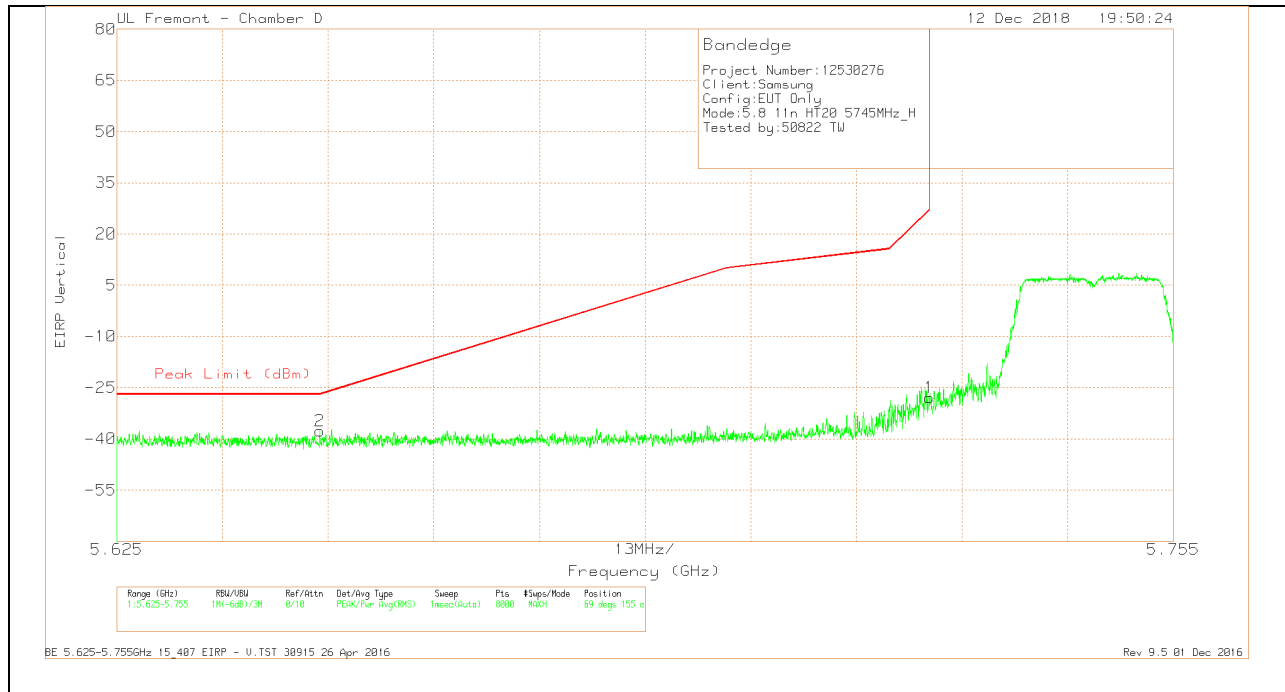


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT119 (dB/m)	Amp/Cb/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-66.67	Pk	34.7	-16.5	11.8	0	-36.67	-27	-9.67	57	130	H
1	5.725	-58.36	Pk	34.8	-16.5	11.8	0	-28.26	27	-55.26	57	130	H

Pk - Peak detector

VERTICAL RESULT



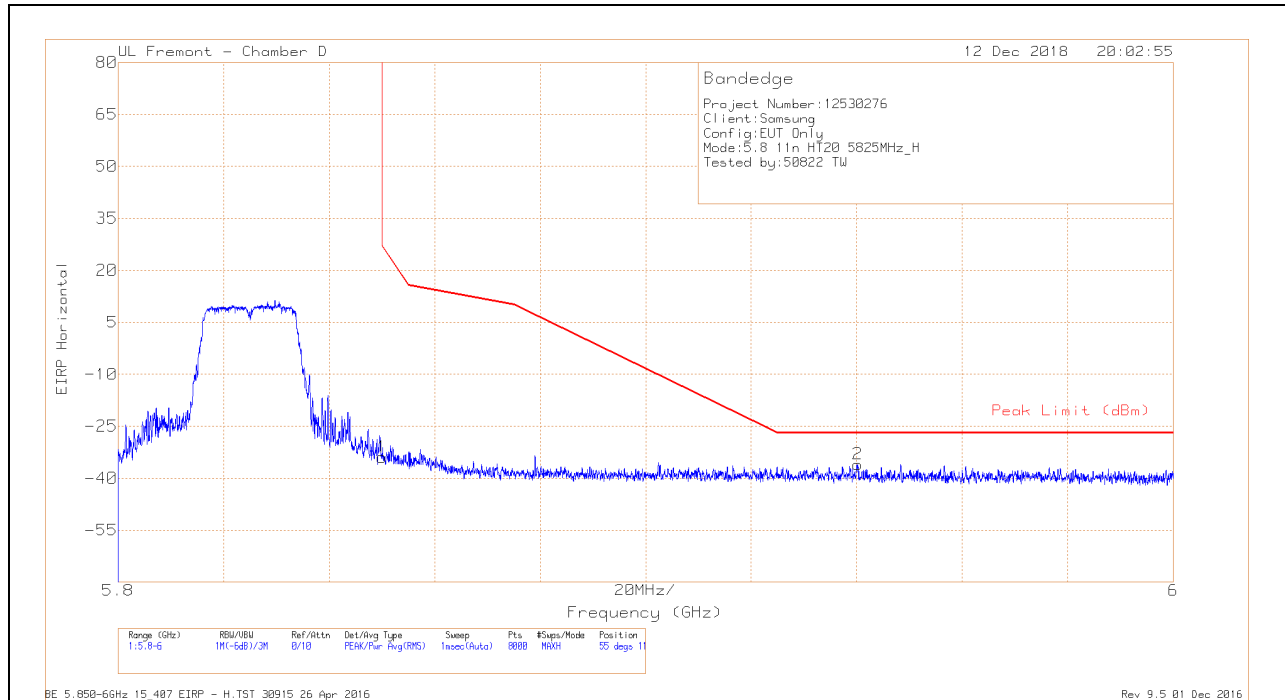
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT119 (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
2	5.65	-67.75	Pk	34.7	-16.5	11.8	0	-37.75	-27	-10.75	69	155	V
1	5.725	-57.92	Pk	34.8	-16.5	11.8	0	-27.82	27	-54.82	69	155	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

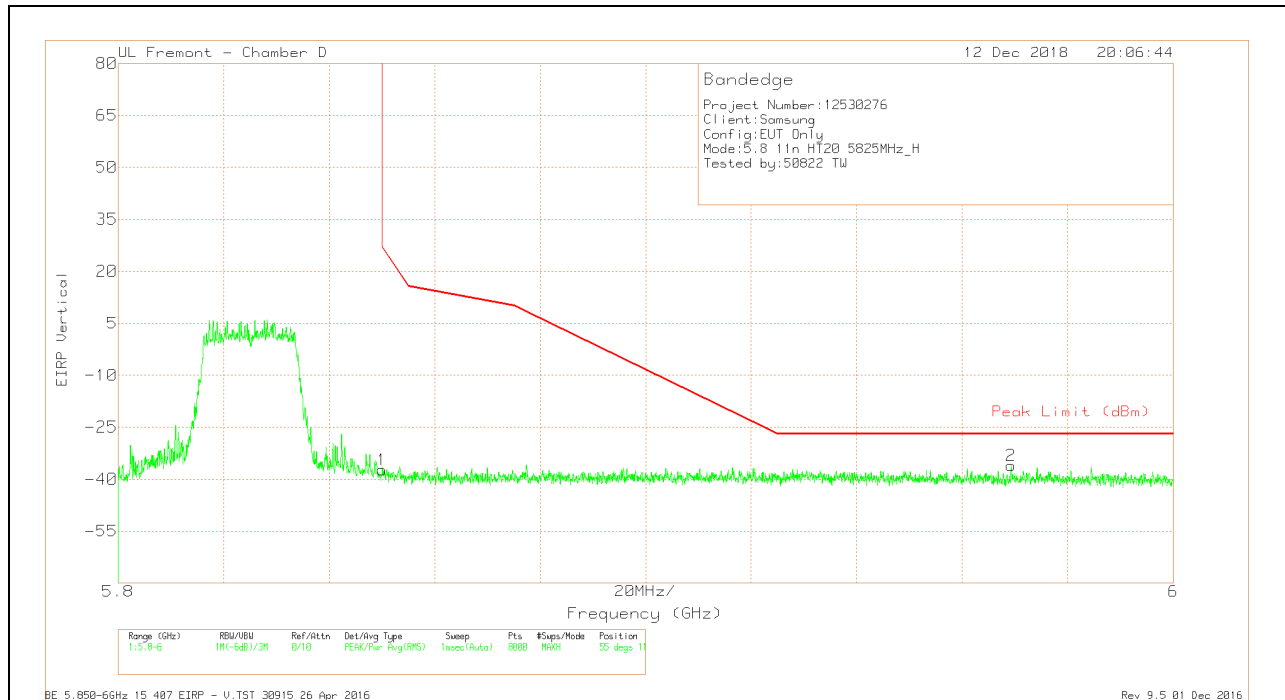


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT119 (dB/m)	Amp/Cb/Fitr/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	-64.24	Pk	34.9	-16.4	11.8	0	-33.94	26.99	-60.93	55	119	H
2	5.94	-66.57	Pk	35.1	-16.3	11.8	0	-35.97	-27	-8.97	55	119	H

Pk - Peak detector

VERTICAL RESULT



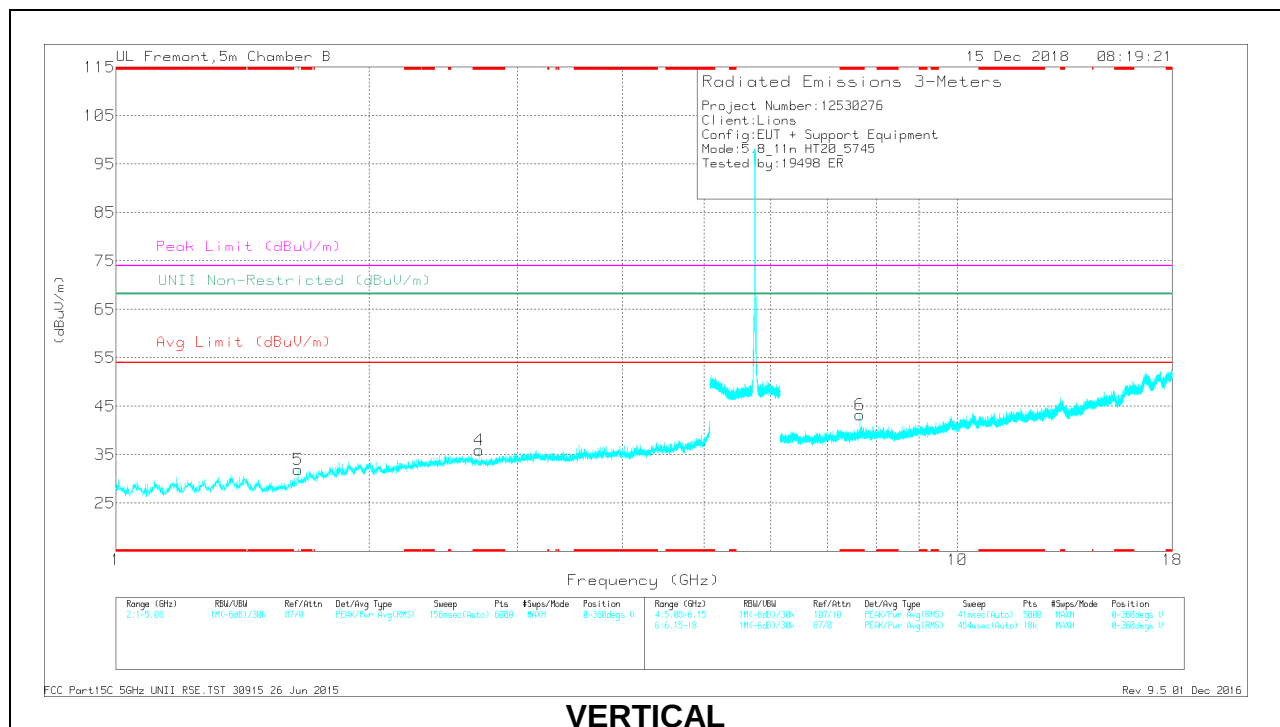
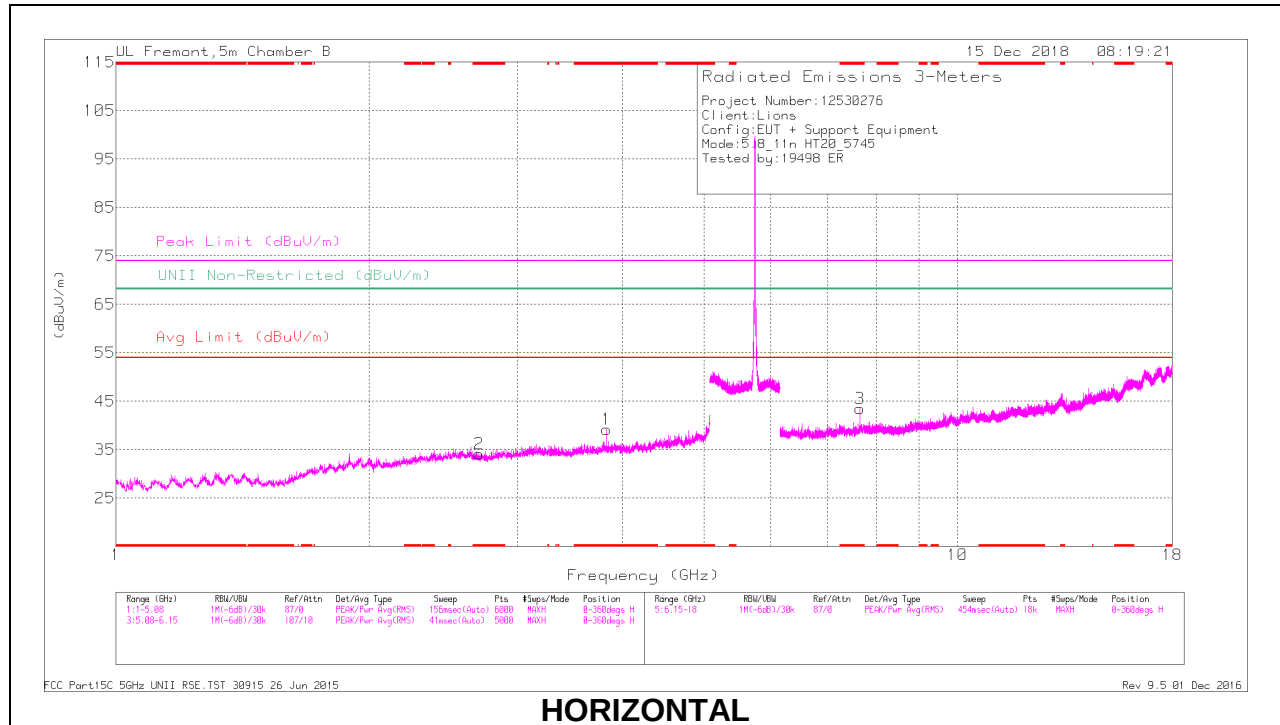
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT119 (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	-67.66	Pk	34.9	-16.4	11.8	0	-37.36	26.99	-64.35	55	119	V
2	5.969	-66.57	Pk	35.1	-16.4	11.8	0	-36.07	-27	-9.07	55	119	V

PK - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

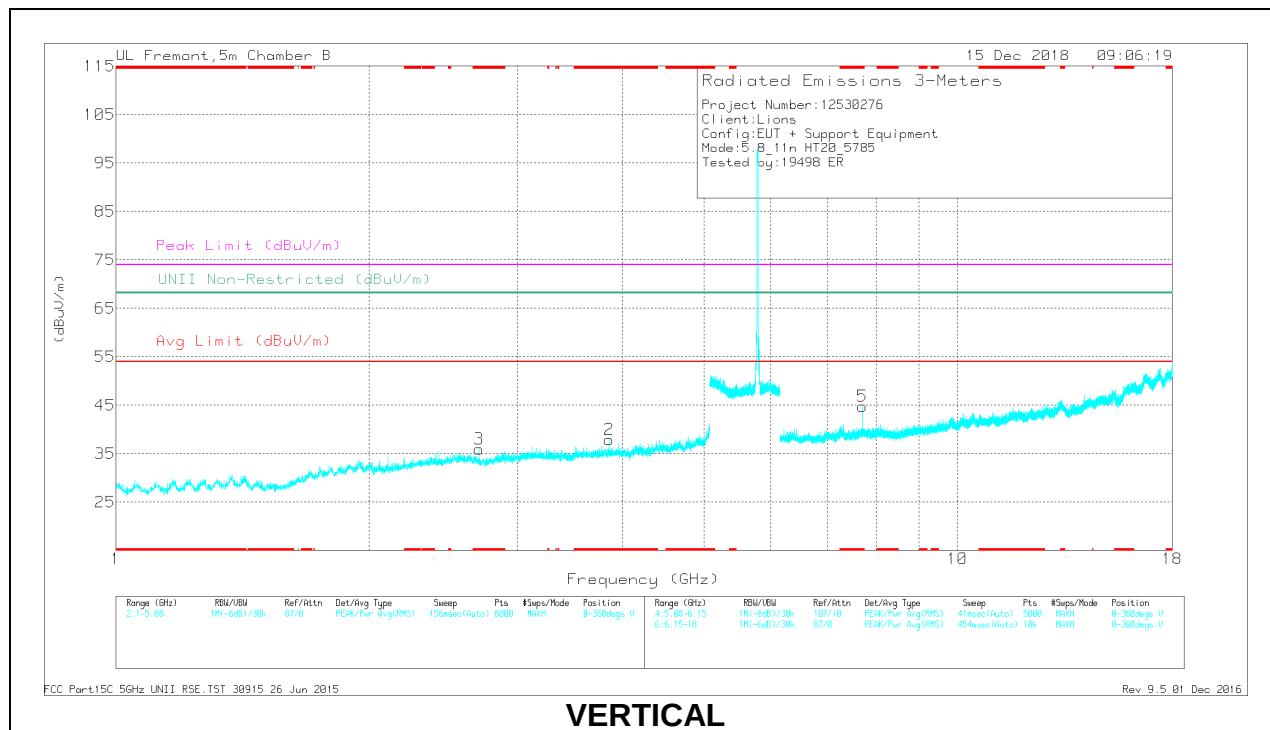
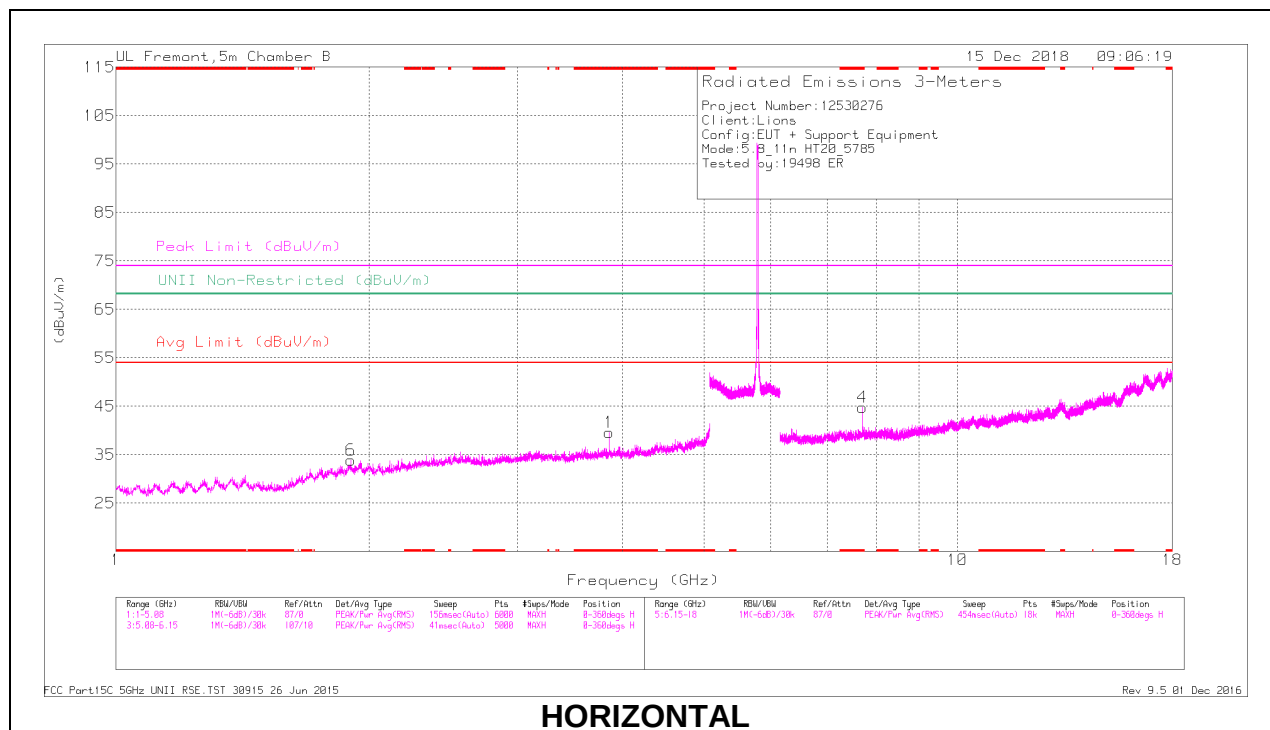
Frequency (GHz)	Meter Reading (dBuV)	Det	AF TR63 (dB/m)	Amp/CA/Flt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unfil Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 2.7	41.8	PK-U	32.3	-31.8	0	42.3	-	-	74	-31.7	-	-	231	105	H
* 2.7	31.24	ADR	32.3	-31.8	0.24	31.98	54	-22.02	-	-	-	-	231	105	H
* 3.83	44.02	PK-U	33.4	-31	0	46.42	-	-	74	-27.58	-	-	189	137	H
* 3.83	36.68	ADR	33.4	-31	0.24	39.32	54	-14.68	-	-	-	-	189	137	H
* 2.7	42.09	PK-U	32.3	-31.8	0	42.59	-	-	74	-31.41	-	-	174	103	V
* 2.7	33.68	ADR	32.3	-31.8	0.24	34.42	54	-19.58	-	-	-	-	174	103	V
* 7.66	40.12	PK-U	36.4	-27.3	0	49.22	-	-	74	-24.78	-	-	57	150	H
* 7.66	32.84	ADR	36.4	-27.3	0.24	42.18	54	-11.82	-	-	-	-	57	150	H
* 7.66	39.94	PK-U	36.4	-27.3	0	49.04	-	-	74	-24.96	-	-	103	207	V
* 7.66	33.47	ADR	36.4	-27.3	0.24	42.81	54	-11.19	-	-	-	-	103	207	V
1.645	40.9	PK-U	28.5	-32.8	0	36.6	-	-	-	-	68.2	-31.6	91	181	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

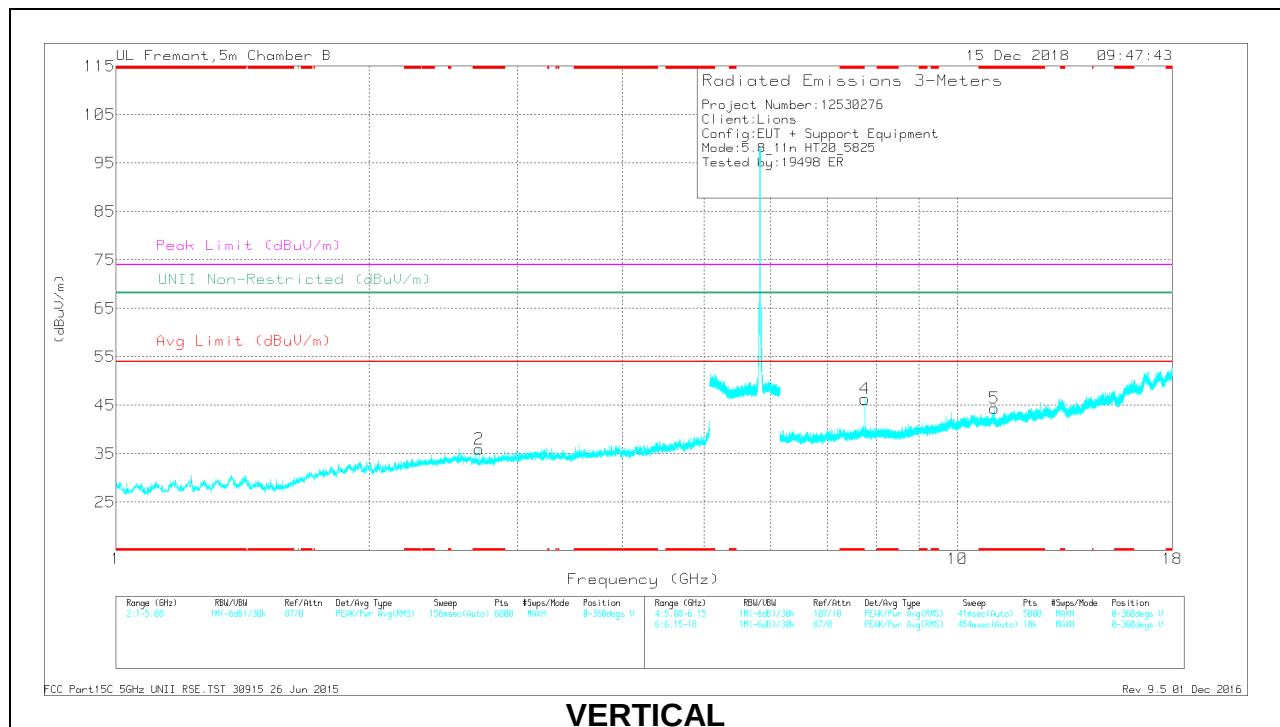
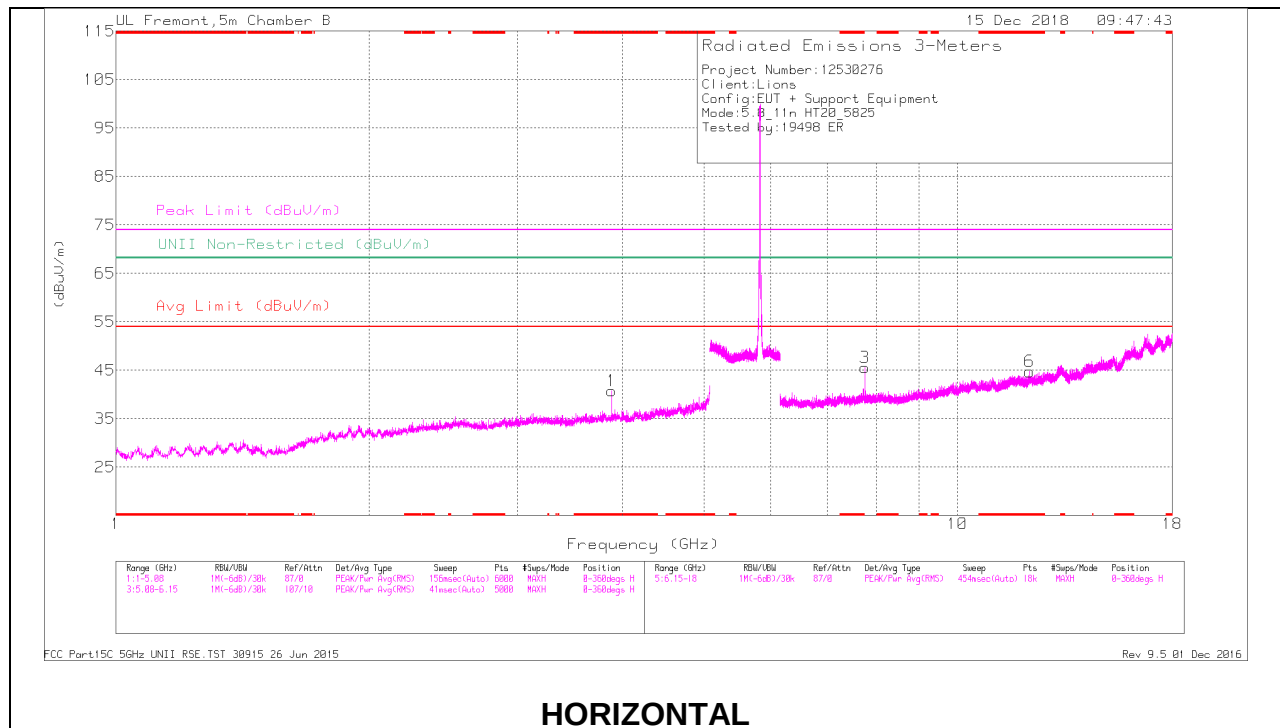
Frequency (GHz)	Meter Reading (dBuV)	Det	AF TR63 (dB/m)	Amp/CA/Flt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unfil Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 3.856	42.44	PK-U	33.4	-30.9	0	44.94	-	-	74	-29.06	-	-	64	141	H
* 3.857	33.94	ADR	33.4	-30.9	0.24	36.68	54	-17.32	-	-	-	-	64	141	H
* 3.857	43.71	PK-U	33.4	-30.9	0	46.21	-	-	74	-27.79	-	-	72	306	V
* 3.857	33.27	ADR	33.4	-30.9	0.24	36.01	54	-17.99	-	-	-	-	72	306	V
* 2.7	42.28	PK-U	32.3	-31.8	0	42.78	-	-	74	-31.22	-	-	176	105	V
* 2.7	33.26	ADR	32.3	-31.8	0.24	34	54	-20	-	-	-	-	176	105	V
* 7.713	41.67	PK-U	36.5	-26.7	0	51.47	-	-	74	-22.53	-	-	115	127	H
* 7.713	34.94	ADR	36.5	-26.7	0.24	44.98	54	-9.02	-	-	-	-	115	127	H
* 7.713	41.28	PK-U	36.5	-26.7	0	51.08	-	-	74	-22.92	-	-	99	218	V
* 7.713	35.59	ADR	36.5	-26.7	0.24	45.63	54	-8.37	-	-	-	-	99	218	V
1.9	41.32	PK-U	31.1	-32.7	0	39.72	-	-	-	-	68.2	-28.48	150	124	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

Frequency (Hz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Ch/Ftr/Fed (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 3.884	42.32	PK-U	33.4	-30.6	0	45.12	-	-	74	-28.88	-	-	71	140	H
* 3.883	32.02	ADR	33.4	-30.6	0.24	35.06	54	-18.94	-	-	-	-	71	140	H
* 2.7	41.53	PK-U	32.3	-31.8	0	42.03	-	-	74	-31.97	-	-	170	125	V
* 2.7	32.67	ADR	32.3	-31.8	0.24	33.41	54	-20.59	-	-	-	-	170	125	V
* 12.189	33.18	PK-U	39.2	-21.8	0	50.58	-	-	74	-23.42	-	-	236	221	H
* 12.189	21.2	ADR	39.2	-21.8	0.24	38.84	54	-15.16	-	-	-	-	236	221	H
* 11.061	32.8	PK-U	37.9	-22.2	0	48.5	-	-	74	-25.5	-	-	345	160	V
* 11.061	22.29	ADR	37.9	-22.2	0.24	38.23	54	-15.77	-	-	-	-	345	160	V
7.767	41.66	PK-U	36.4	-26.4	0	51.66	-	-	-	-	68.2	-16.54	112	150	H
7.767	41.74	PK-U	36.4	-26.4	0	51.74	-	-	-	-	68.2	-16.46	101	210	V

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

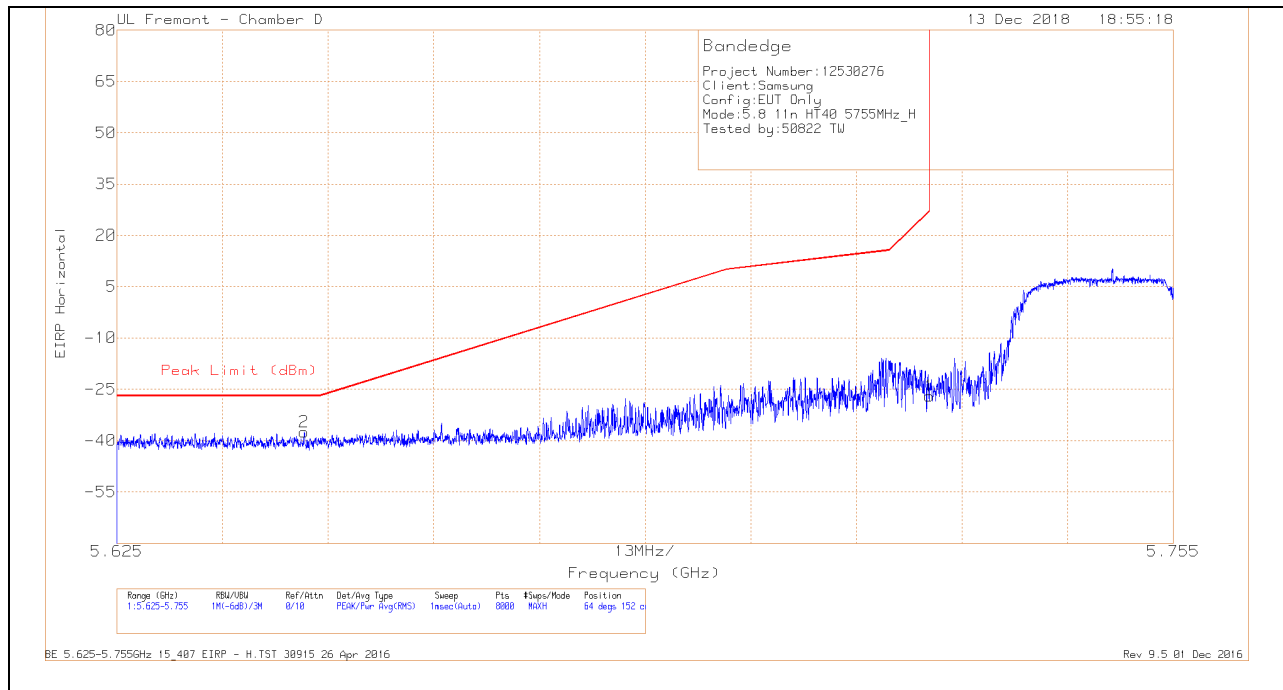
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

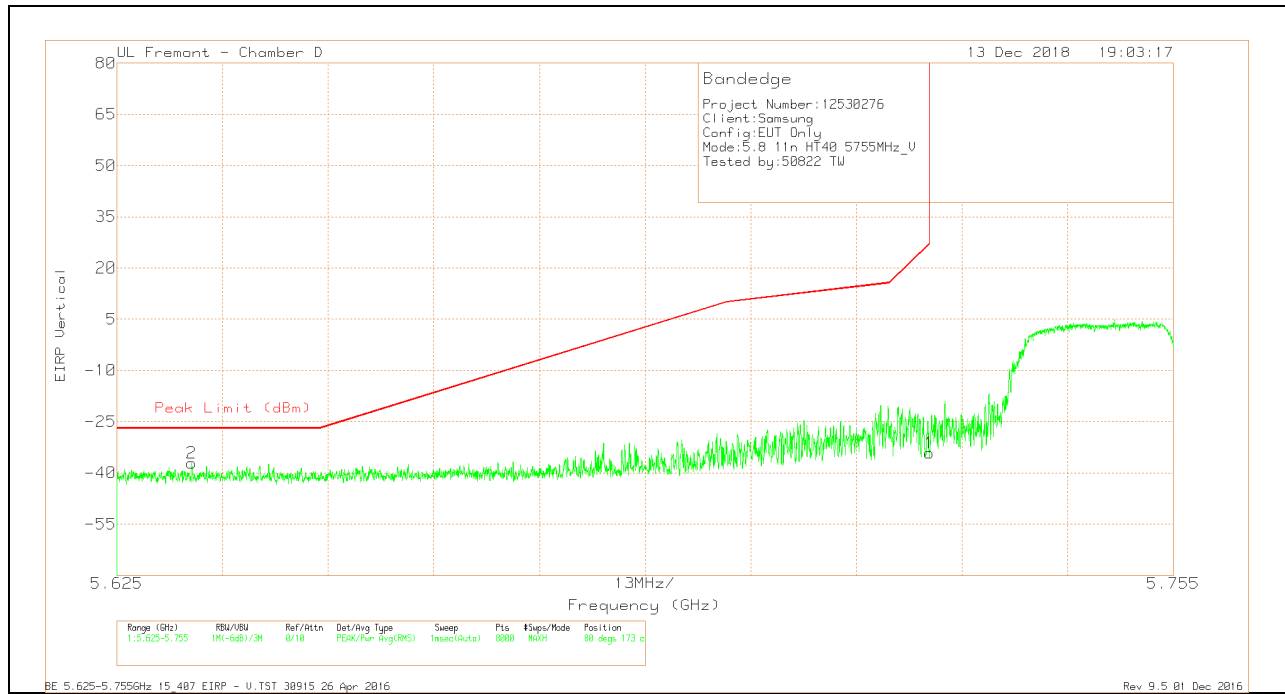


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT119 (dB/m)	Amp/Cb/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648	-67.44	Pk	34.7	-16.5	11.8	0	-37.44	-27	-10.44	64	152	H
1	5.725	-57.11	Pk	34.8	-16.5	11.8	0	-27.01	27	-54.01	64	152	H

Pk - Peak detector

VERTICAL RESULT



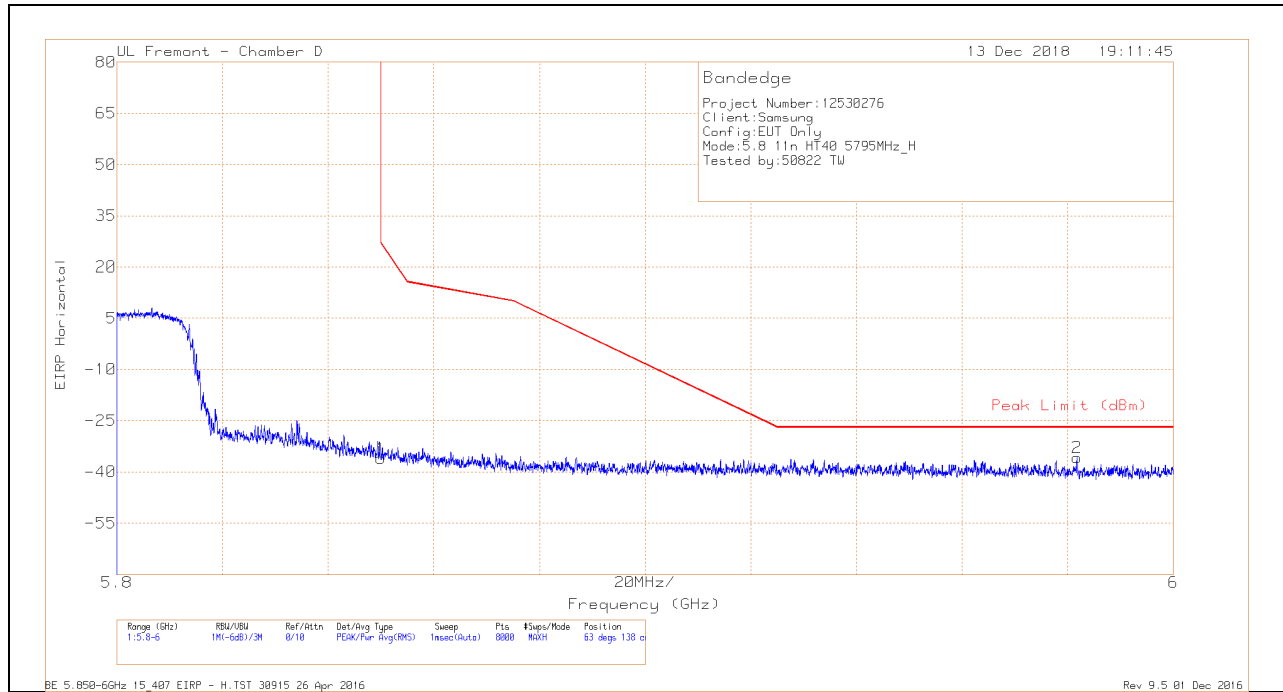
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT119 (dB/m)	Amp/Cb/Filtz/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.634	-67.18	Pk	34.7	-16.5	11.8	0	-37.18	-27	-10.18	80	173	V
1	5.725	-64.28	Pk	34.8	-16.5	11.8	0	-34.18	27	-61.18	80	173	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

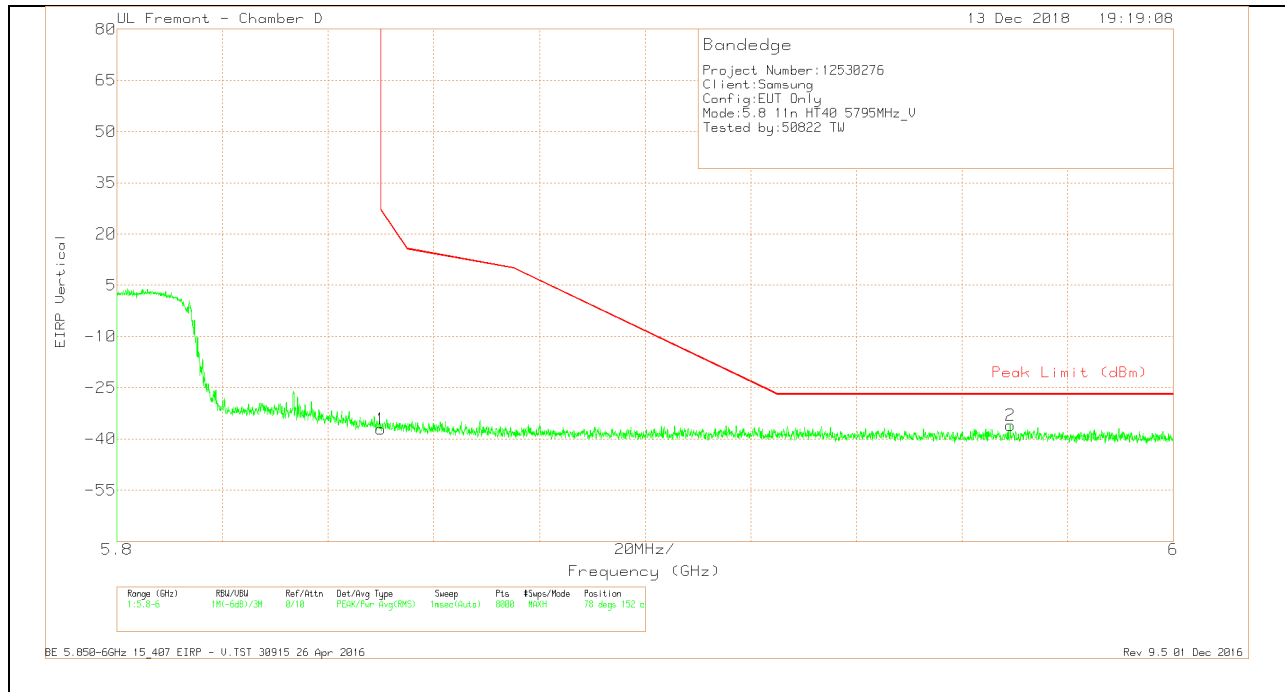


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT119 (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	-66.39	Pk	34.9	-16.4	11.8	0	-36.09	26.99	-63.08	63	138	H
2	5.982	-66.38	Pk	35.2	-16.5	11.8	0	-35.88	-27	-8.88	63	138	H

Pk - Peak detector

VERTICAL RESULT



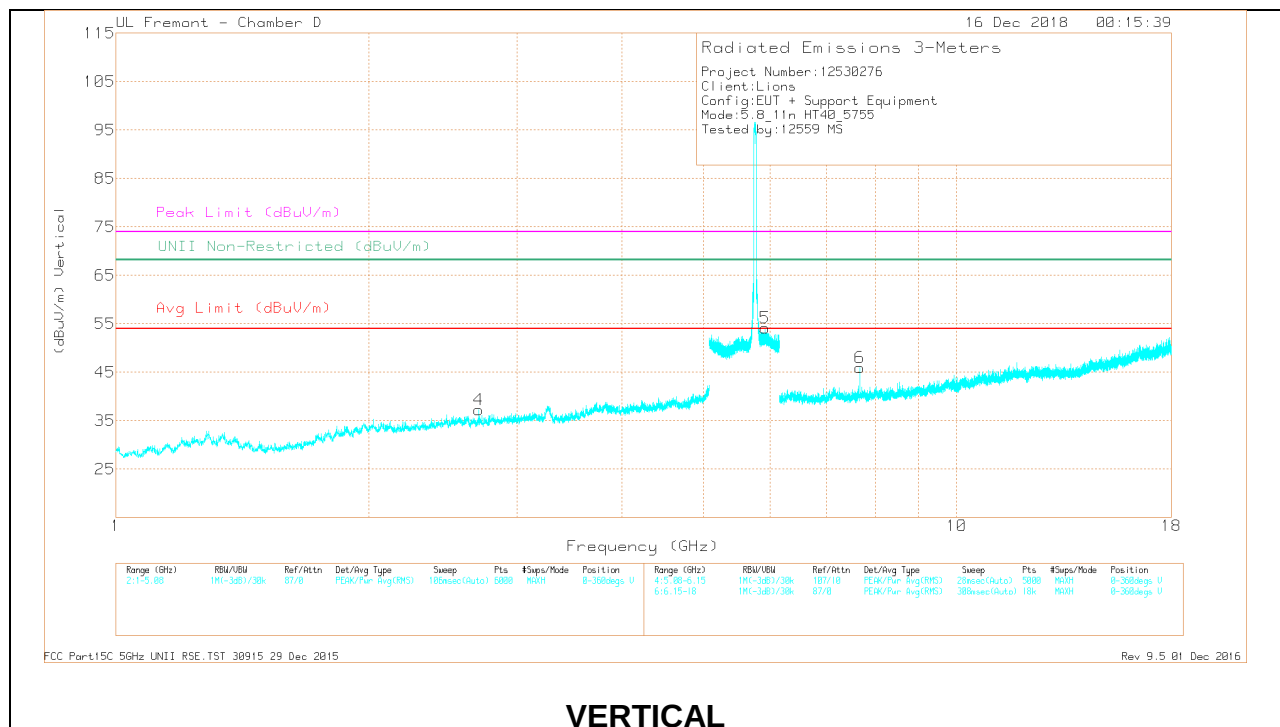
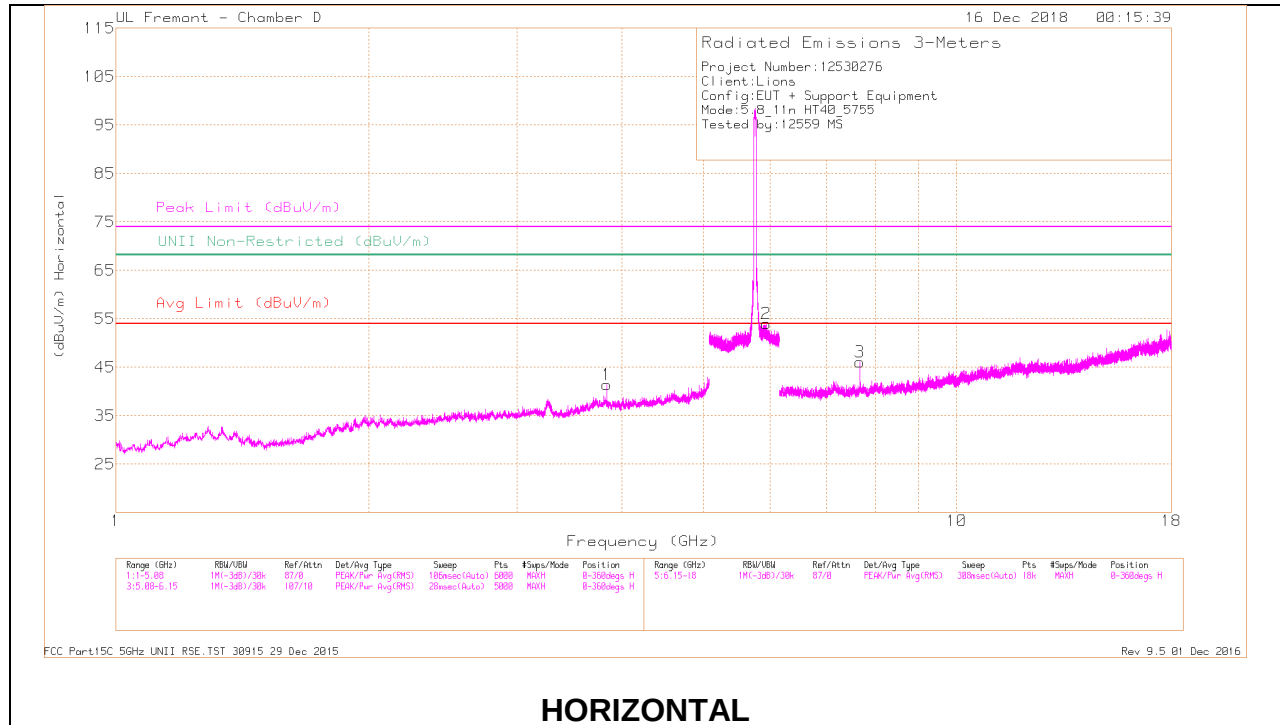
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT119 (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	-67.39	Pk	34.9	-16.4	11.8	0	-37.09	26.99	-64.08	78	152	V
2	5.969	-66.44	Pk	35.1	-16.4	11.8	0	-35.94	-27	-8.94	78	152	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

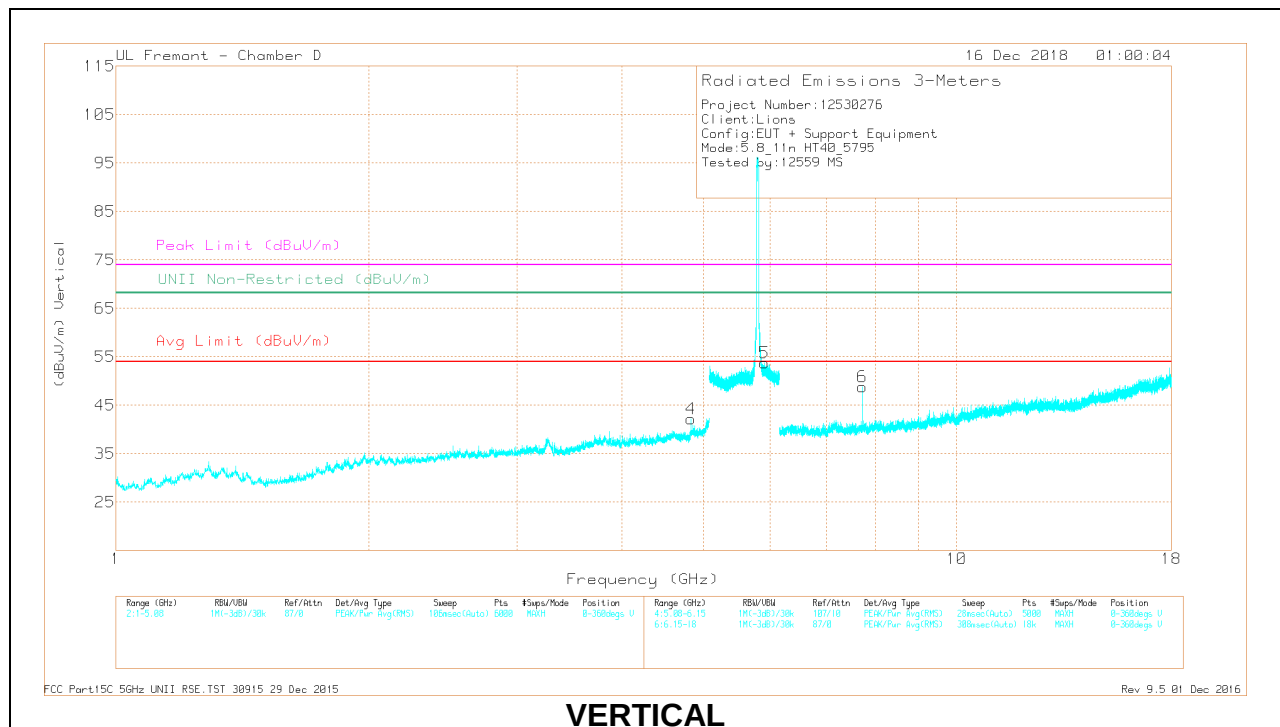
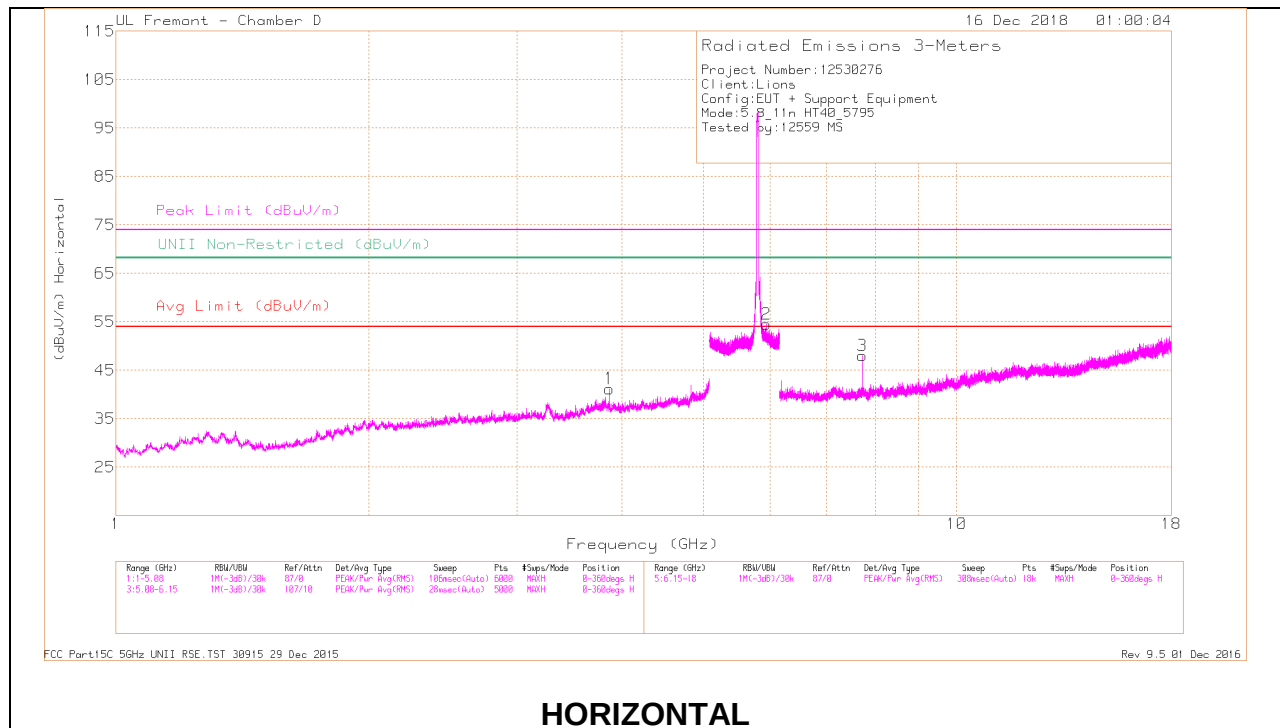
Frequency (Hz)	Meter Reading (dBuV)	Det	AF 1119 (dB/m)	Amp/CA/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unfil Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 3.837	43.21	PK-U	33.9	-27.9	0	49.21	-	-	74	-24.79	-	-	75	106	H
* 3.837	32.15	ADR	33.9	-27.9	0.58	38.73	54	-15.27	-	-	-	-	75	106	H
* 2.7	41.89	PK-U	32.8	-29.8	0	44.89	-	-	74	-29.11	-	-	187	103	V
* 2.7	31.49	ADR	32.8	-29.8	0.58	35.07	54	-18.93	-	-	-	-	187	103	V
* 7.673	39.09	PK-U	35.8	-24.1	0	50.79	-	-	74	-23.21	-	-	30	233	H
* 7.673	29.66	ADR	35.8	-24.1	0.58	41.94	54	-12.06	-	-	-	-	30	233	H
* 7.673	39.42	PK-U	35.8	-24.1	0	51.12	-	-	74	-22.88	-	-	163	114	V
* 7.673	31.39	ADR	35.8	-24.1	0.58	43.67	54	-10.33	-	-	-	-	163	114	V
5.914	26.14	ADR	35.2	-16.1	0.58	45.82	-	-	-	-	-	-	233	187	V
5.916	42.62	PK-U	35.2	-16.1	0	61.72	-	-	-	-	68.2	-6.48	233	187	V
5.938	26.29	ADR	35.1	-16.3	0.58	45.67	-	-	-	-	-	-	47	139	H
5.939	42.74	PK-U	35.1	-16.3	0	61.54	-	-	-	-	68.2	-6.66	47	139	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

Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1119 (dB/m)	Amp/Cou/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unfil Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 3.863	42.31	PK-U	33.8	-28	0	48.11	-	-	74	-25.89	-	-	62	124	H
* 3.863	32.31	ADR	33.8	-28	0.58	38.69	54	-15.31	-	-	-	-	62	124	H
* 4.829	38.9	PK-U	34.3	-25.7	0	47.5	-	-	74	-26.5	-	-	83	217	V
* 4.829	28.11	ADR	34.3	-25.6	0.58	37.39	54	-16.61	-	-	-	-	83	217	V
* 7.726	41.07	PK-U	35.8	-23.2	0	53.67	-	-	74	-20.33	-	-	123	111	H
* 7.727	34.32	ADR	35.8	-23.2	0.58	47.5	54	-6.5	-	-	-	-	123	111	H
* 7.727	41.42	PK-U	35.8	-23.2	0	54.02	-	-	74	-19.98	-	-	111	204	V
* 7.727	35.19	ADR	35.8	-23.2	0.58	48.37	54	-5.63	-	-	-	-	111	204	V
5.908	26.56	ADR	35.2	-16.3	0.58	46.04	-	-	-	-	-	-	66	262	V
5.91	42.57	PK-U	35.2	-16.3	0	61.47	-	-	-	-	68.2	-6.73	66	262	V
5.931	42.58	PK-U	35.2	-16.1	0	61.68	-	-	-	-	68.2	-6.52	37	173	H
5.934	26.03	ADR	35.1	-16.1	0.58	45.61	-	-	-	-	-	-	37	173	H

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

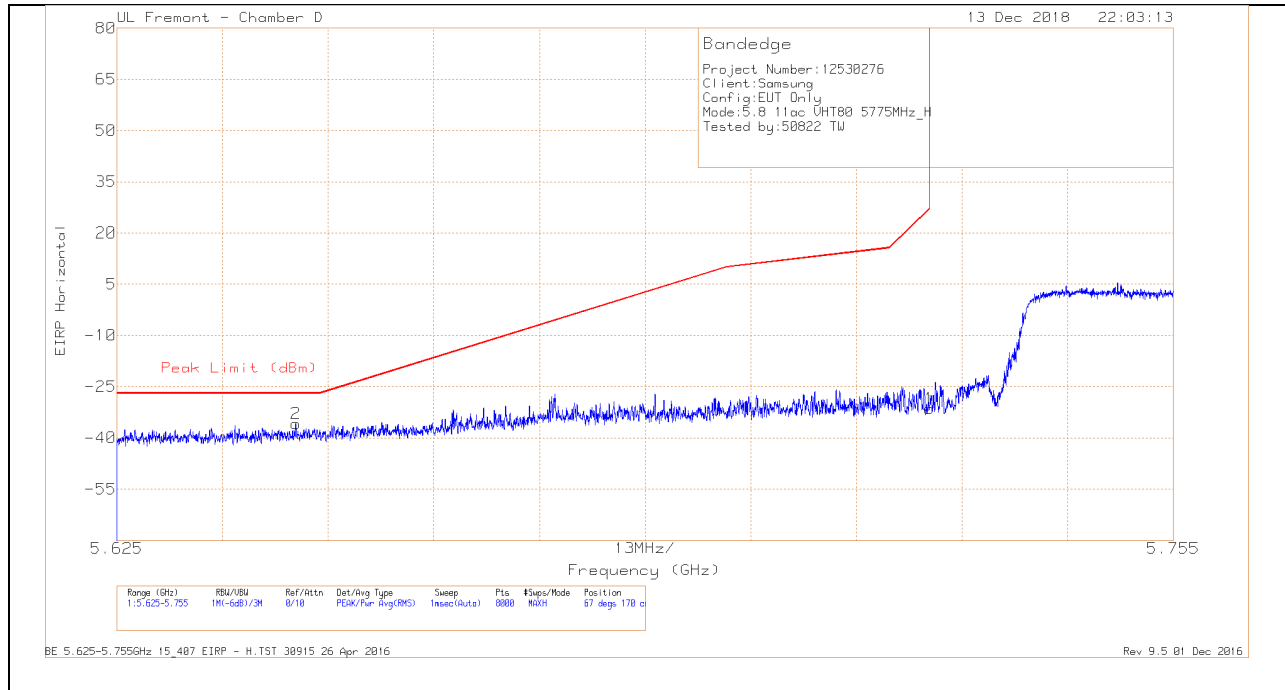
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT

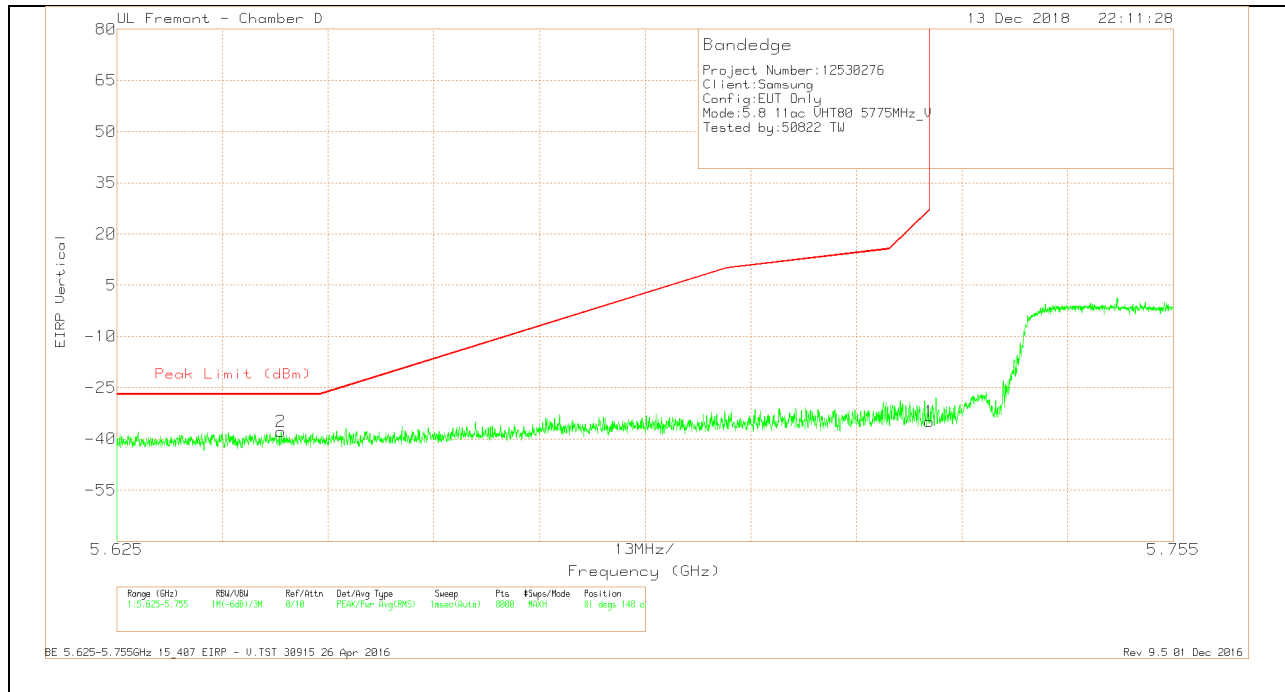


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT119 (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
2	5.647	-65.85	Pk	34.8	-16.5	11.8	0	-35.75	-27	-8.75	67	170	H
1	5.725	-61.51	Pk	34.8	-16.5	11.8	0	-31.41	27	-58.41	67	170	H

Pk - Peak detector

VERTICAL RESULT



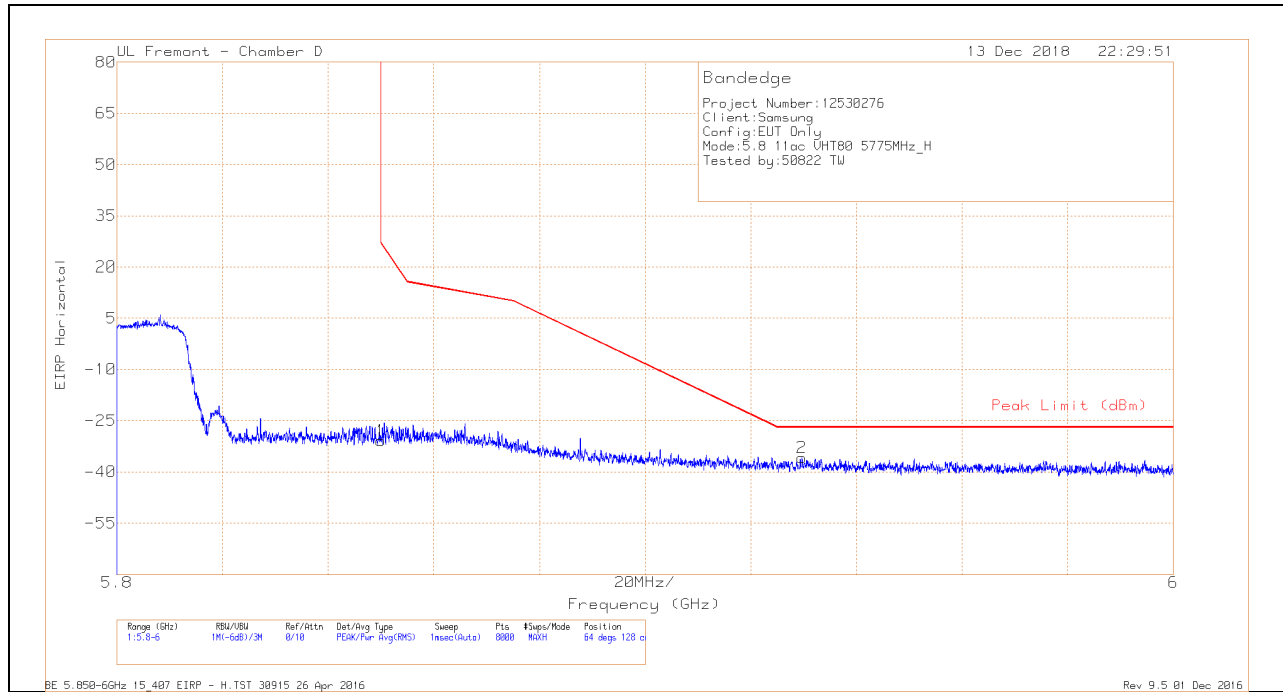
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT119 (dB/m)	Amp/Cb/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.645	-67.96	Pk	34.8	-16.5	11.8	0	-37.86	-27	-10.86	81	148	V
1	5.725	-65.05	Pk	34.8	-16.5	11.8	0	-34.95	27	-61.95	81	148	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT

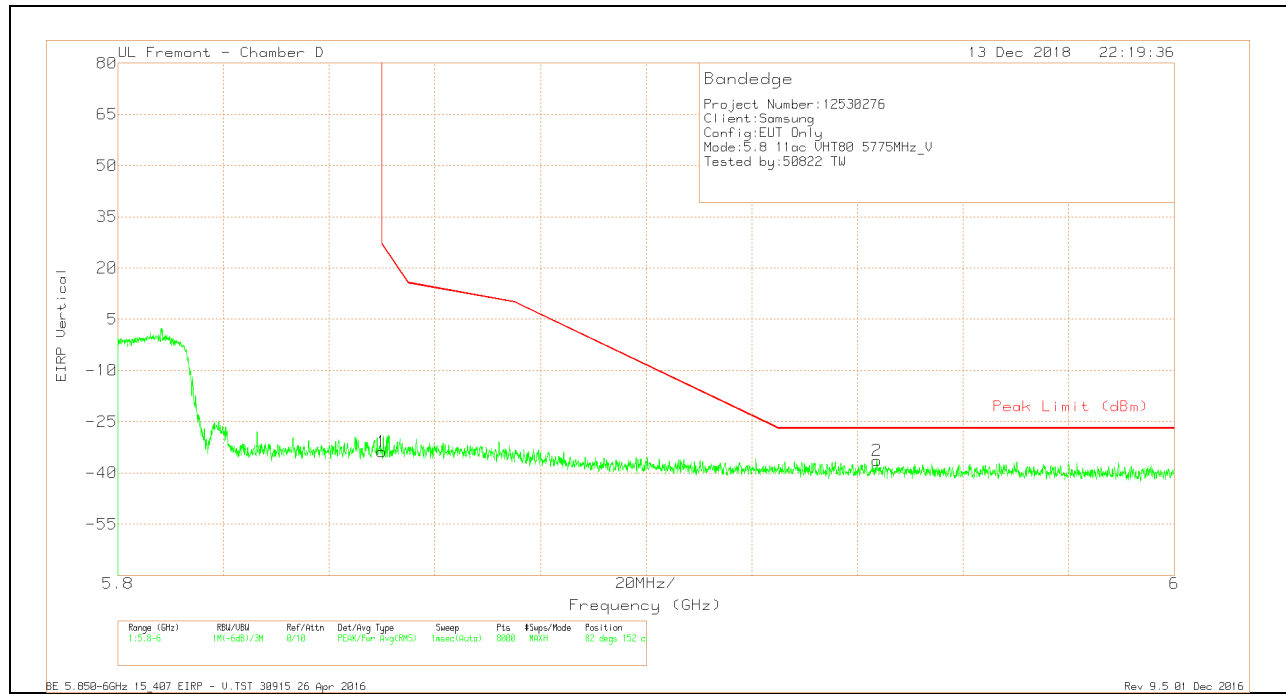


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT119 (dB/m)	Amp/Cb/Ftr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-61.14	Pk	34.9	-16.4	11.8	0	-30.84	26.99	-57.83	64	128	H
2	5.93	-66.79	Pk	35.2	-16.1	11.8	0	-35.89	-27	-8.89	64	128	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT119 (dB/m)	Amp/Cb/Fltr/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	-64.12	Pk	34.9	-16.4	11.8	0	-33.82	26.99	-60.81	82	152	V
2	5.944	-67.06	Pk	35.2	-16.3	11.8	0	-36.36	-27	-9.36	82	152	V

Pk - Peak detector

MID CHANNEL RESULTS



RADIATED EMISSIONS

Markers	Frequency (Hz)	Meter Reading (dBuV)	Det	AF 7712 (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)	Altitude (Degs)	Height (cm)	Polarity
1	* 3.85	49.08	PK-U	33.5	-32.5	0	50.08	-	-	74	-23.92	-	-	327	101	H
	* 3.85	39.05	ADR	33.5	-32.5	1.28	41.33	54	-12.67	-	-	-	-	327	101	H
2	* 4.679	43.43	PK-U	33.8	-30.9	0	46.33	-	-	74	-27.67	-	-	92	181	H
	* 4.681	31.8	ADR	33.8	-30.9	1.28	35.98	54	-18.02	-	-	-	-	92	181	H
4	* 2.7	48.02	PK-U	32.5	-35.4	0	45.12	-	-	74	-28.88	-	-	93	185	V
	* 2.7	38.87	ADR	32.5	-35.4	1.28	37.25	54	-16.75	-	-	-	-	93	185	V
5	* 3.849	47.23	PK-U	33.5	-32.5	0	48.23	-	-	74	-25.77	-	-	327	294	V
	* 3.85	36.42	ADR	33.5	-32.5	1.28	38.7	54	-15.3	-	-	-	-	327	294	V
3	* 7.7	42.94	PK-U	35.8	-28.1	0	50.64	-	-	74	-23.36	-	-	24	155	H
	* 7.7	35.6	ADR	35.8	-28.1	1.28	44.58	54	-9.42	-	-	-	-	24	155	H
6	* 7.7	43.86	PK-U	35.8	-28.1	0	51.56	-	-	74	-22.44	-	-	16	204	V
	* 7.7	37.05	ADR	35.8	-28.1	1.28	46.03	54	-7.97	-	-	-	-	16	204	V

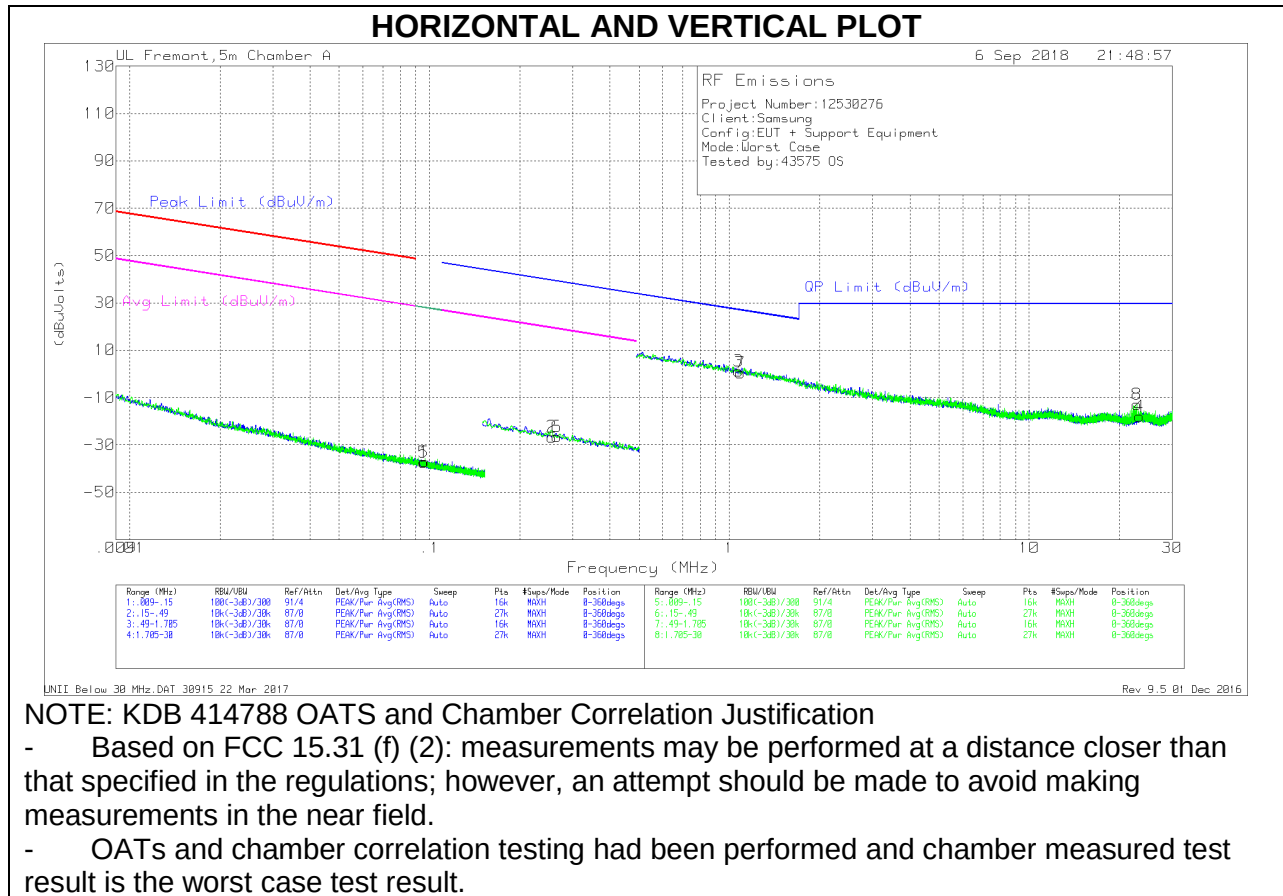
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.2. Worst Case Below 30 MHz

SPURIOUS EMISSIONS 9 kHz TO 30 MHz (WORST-CASE CONFIGURATION)



Below 30 MHz Data

Trace Markers

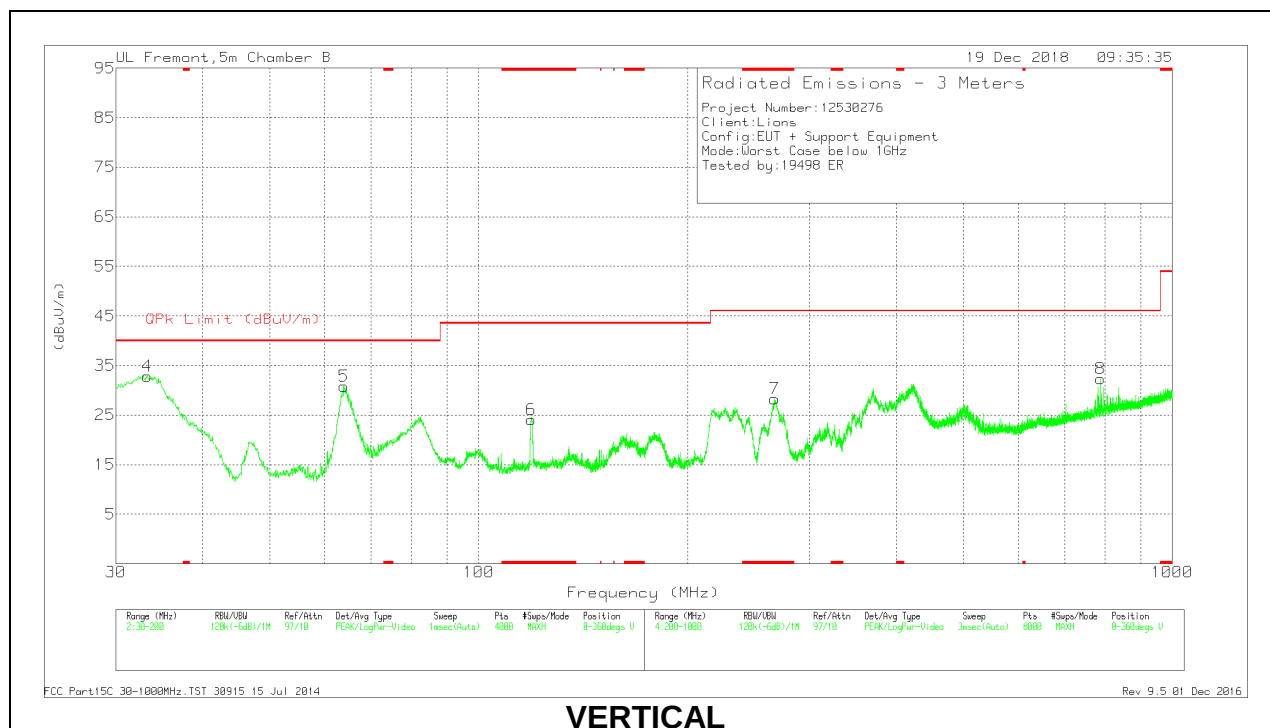
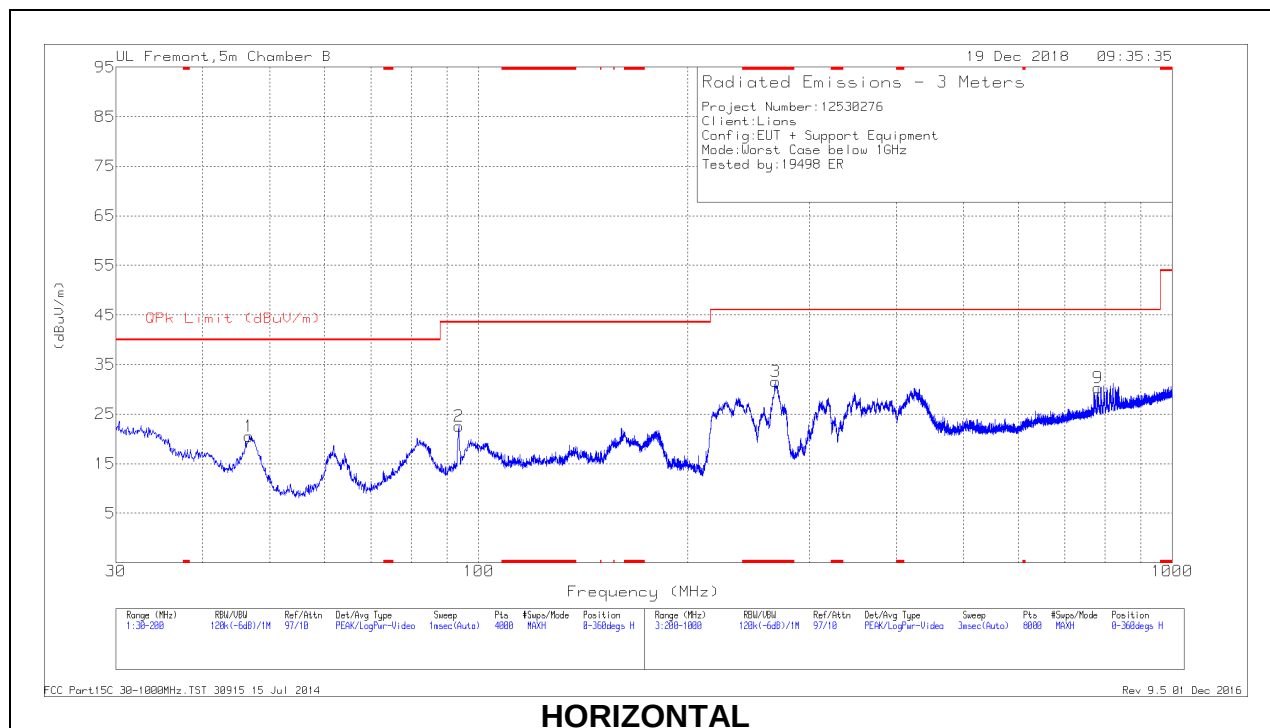
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	QP Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
5	.09575	31.28	Pk	11.3	.1	-80	-37.32	27.98	-65.3	-	-	-	-	-	-	0-360
1	.0962	31.46	Pk	11.3	.1	-80	-37.14	27.94	-65.08	-	-	-	-	-	-	0-360
2	.25617	42.4	Pk	10.9	.1	-80	-26.6	-	-	-	-	39.44	-66.04	19.44	-46.04	0-360
6	.26614	42.43	Pk	10.9	.1	-80	-26.57	-	-	-	-	39.11	-65.68	19.11	-45.68	0-360

Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
3	1.07387	29.58	Pk	11.3	.2	-40	1.08	27	-25.92	-	-	-	-	0-360
7	1.0888	28.88	Pk	11.3	.2	-40	.38	26.88	-26.5	-	-	-	-	0-360
8	22.83897	15.76	Pk	10.6	.7	-40	-12.94	29.5	-42.44	-	-	-	-	0-360
4	23.33467	10.64	Pk	10.6	.7	-40	-18.06	29.5	-47.56	-	-	-	-	0-360

Pk - Peak detector

9.3. Worst Case Below 1 GHz



Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 118.9755	36.74	Pk	17.8	-30.5	24.04	43.52	-19.48	0-360	100	V
3	* 268.2089	43.98	Pk	17.2	-29.6	31.58	46.02	-14.44	0-360	100	H
7	* 267.2087	40.81	Pk	17.1	-29.7	28.21	46.02	-17.81	0-360	100	V
4	33.3159	41.39	Pk	22.9	-31.4	32.89	40	-7.11	0-360	100	V
1	46.7068	38.35	Pk	13.4	-31.2	20.55	40	-19.45	0-360	400	H
5	63.9238	49.82	Pk	12	-31	30.82	40	-9.18	0-360	100	V
2	93.639	40.88	Pk	12.5	-30.8	22.58	43.52	-20.94	0-360	200	H
9	781.4756	32.93	Pk	25.3	-27.9	30.33	46.02	-15.69	0-360	400	H
8	788.2765	34.82	Pk	25.3	-27.8	32.32	46.02	-13.7	0-360	200	V

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

Pk - Peak detector

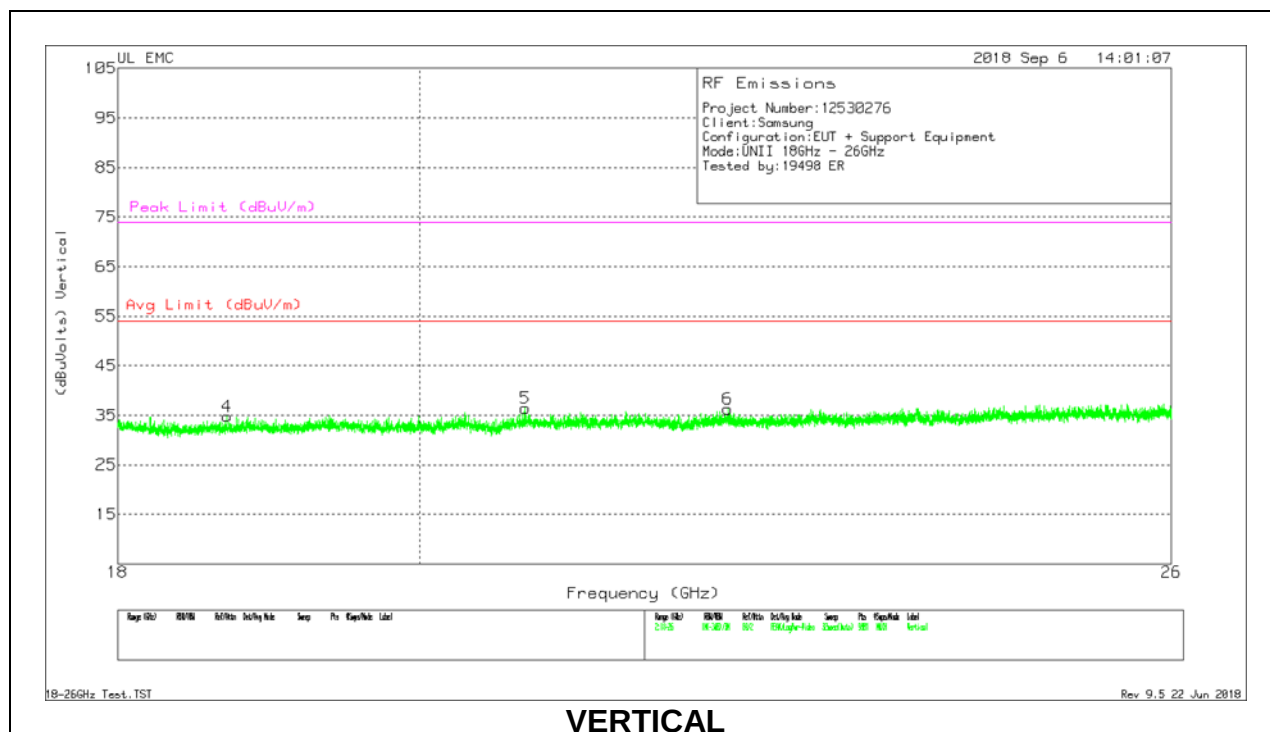
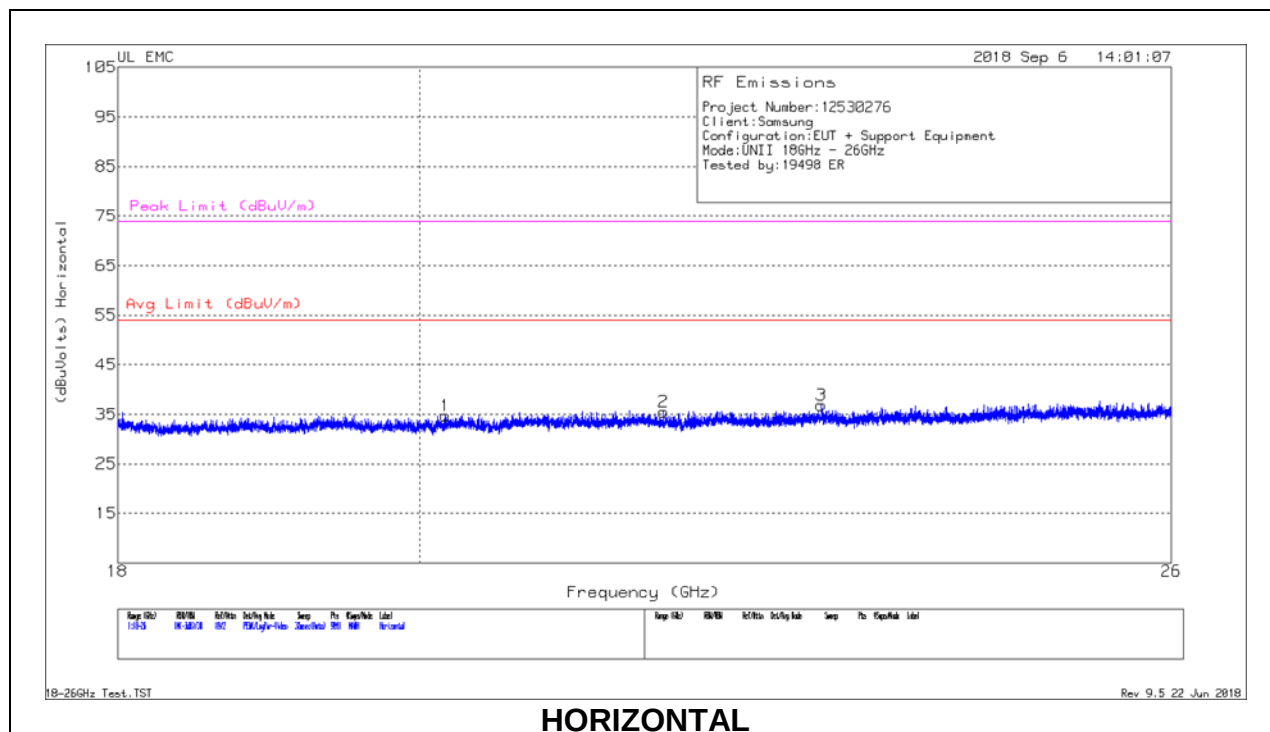
Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
33.4225	36.84	Qp	22.8	-31.4	28.24	40	-11.76	120	105	V

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

Qp - Quasi-Peak detector

9.4. Worst Case 18-26 GHz

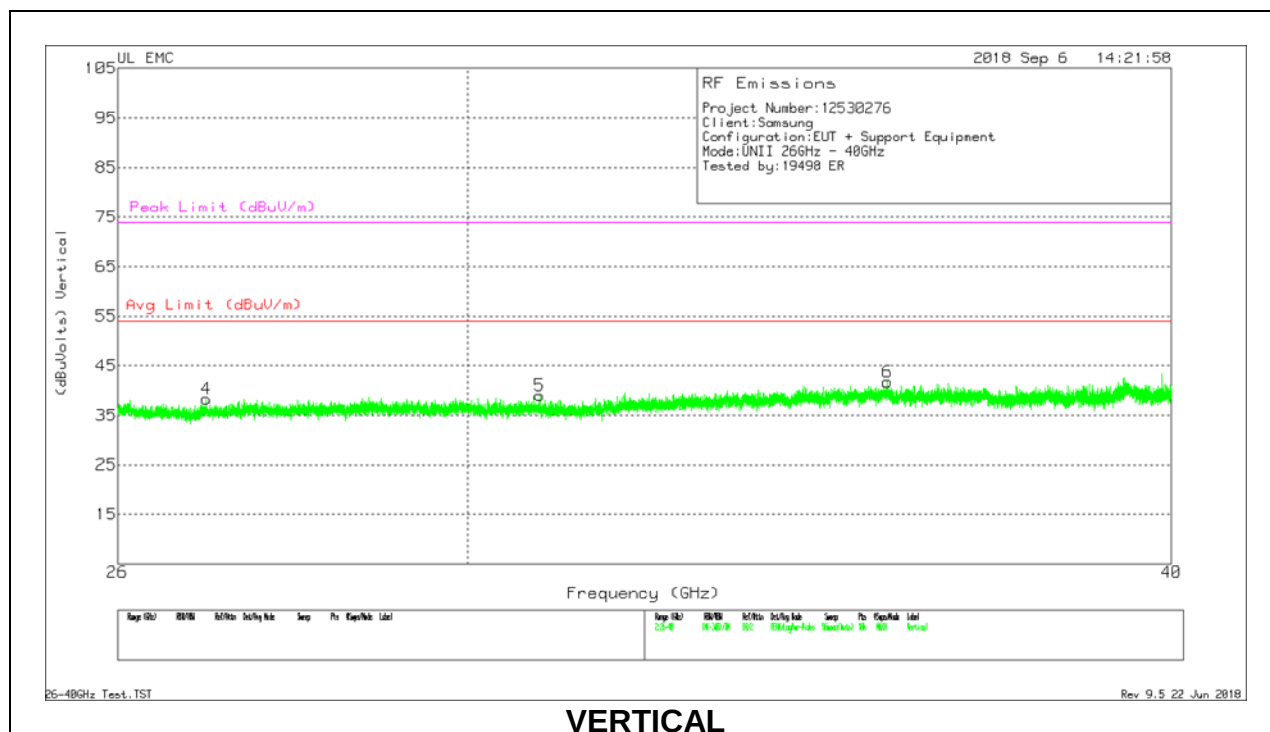
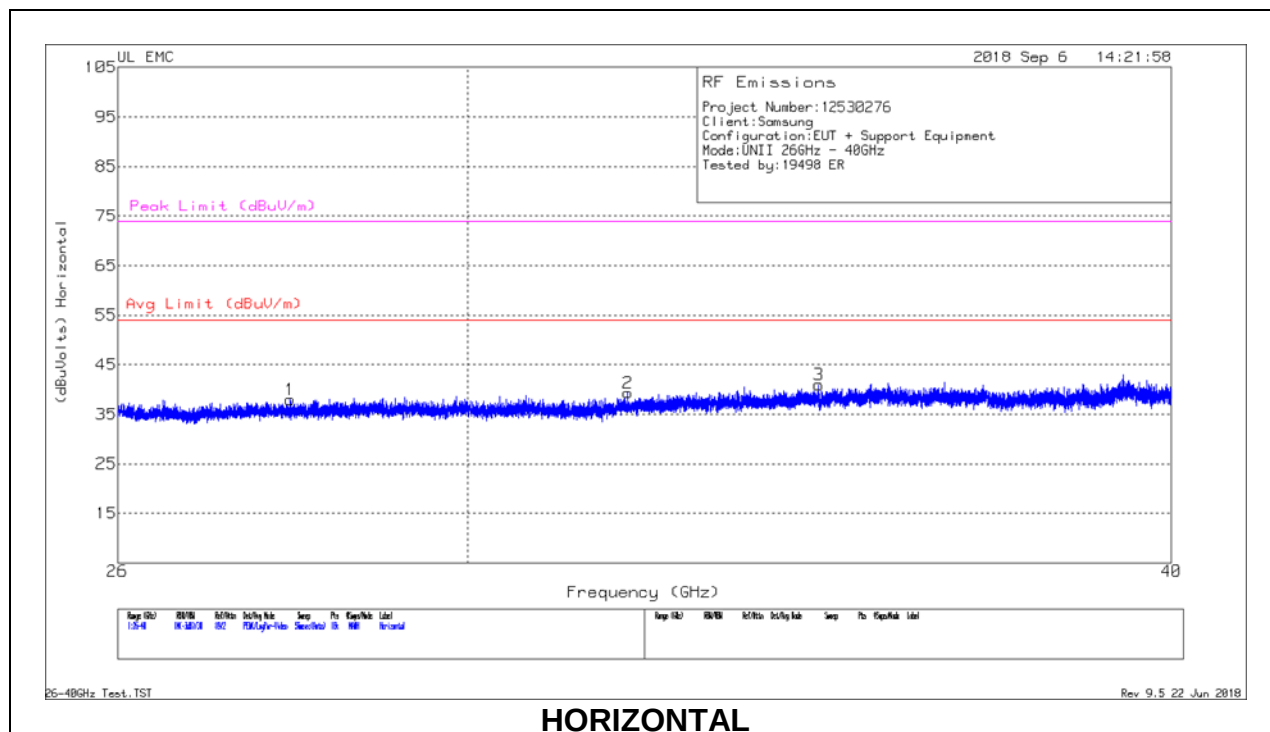


18 – 26GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T448 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	20.183	68.52	Pk	32.7	-57	-9.5	34.72	54	-19.28	74	-39.28
2	21.777	68.87	Pk	33.3	-57.2	-9.5	35.47	54	-18.53	74	-38.53
3	23.009	70.36	Pk	33.5	-57.5	-9.5	36.86	54	-17.14	74	-37.14
4	18.701	70.48	Pk	32.3	-58.5	-9.5	34.78	54	-19.22	74	-39.22
5	20.754	69.63	Pk	33.1	-56.8	-9.5	36.43	54	-17.57	74	-37.57
6	22.272	69.89	Pk	33.4	-57.5	-9.5	36.29	54	-17.71	74	-37.71

Pk - Peak detector

9.5. 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	27.901	67.26	Pk	35.8	-55.6	-9.5	37.96	54	-16.04	74	-36.04
2	32.032	67.04	Pk	36.2	-54.4	-9.5	39.34	54	-14.66	74	-34.66
3	34.629	69.04	Pk	37.3	-55.9	-9.5	40.94	54	-13.06	74	-33.06
4	26.961	69.36	Pk	35.5	-57.1	-9.5	38.26	54	-15.74	74	-35.74
5	30.899	66.78	Pk	36	-54.3	-9.5	38.98	54	-15.02	74	-35.02
6	35.614	69.64	Pk	37.6	-56	-9.5	41.74	54	-12.26	74	-32.26

Pk - Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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.

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.

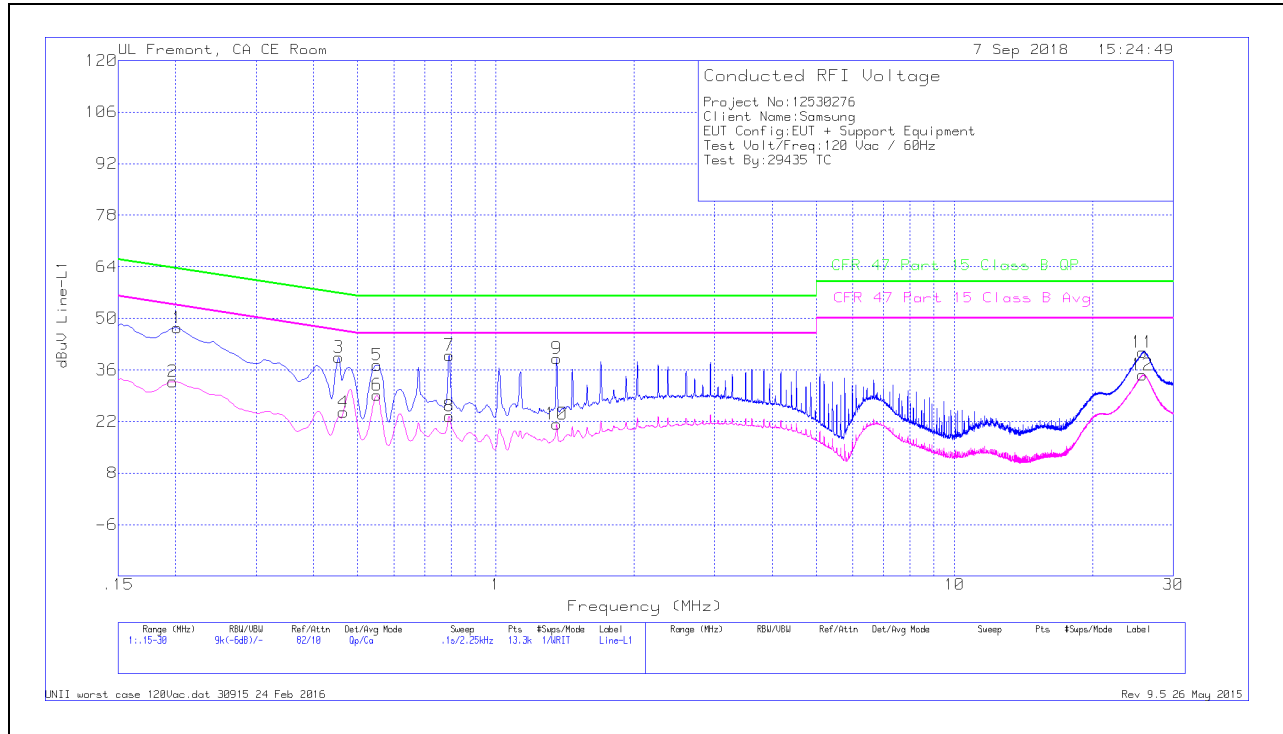
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.1.1. AC Power Line Norm

LINE 1 RESULTS



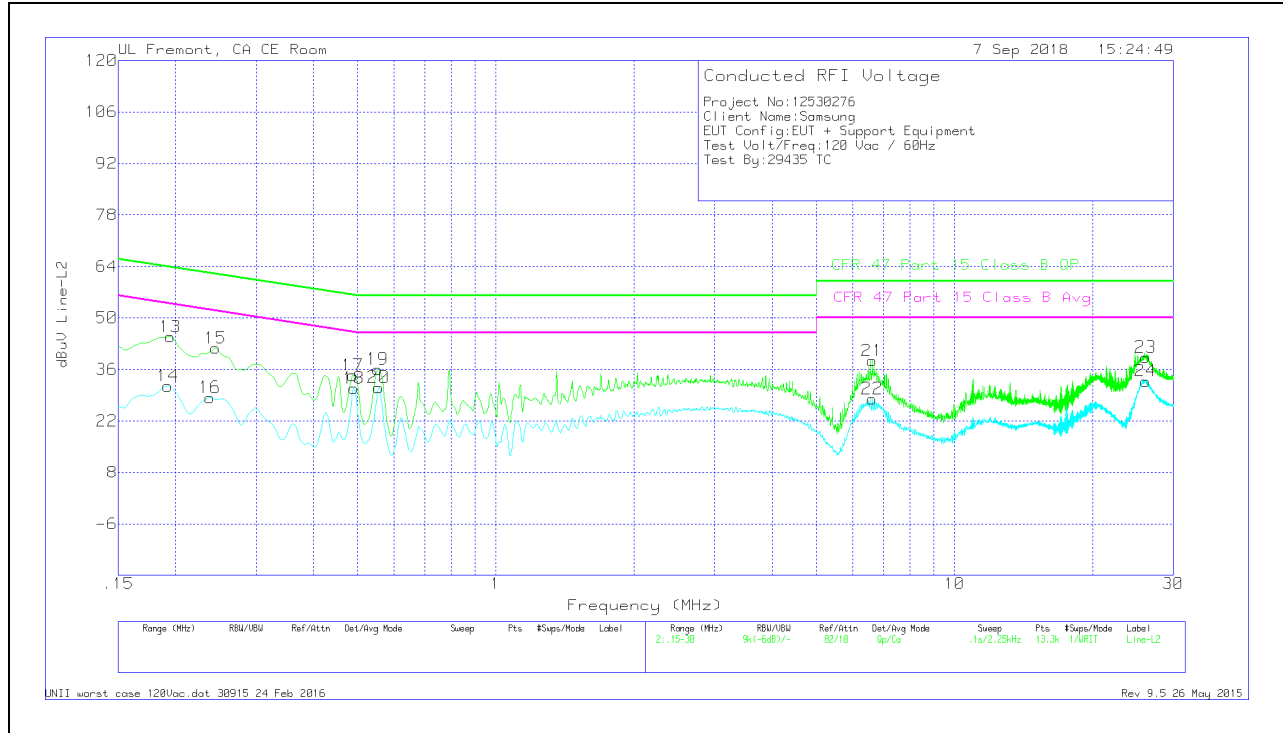
Trace Markers

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	.15675	26.83	Qp	.1	0	10.1	37.03	65.63	-28.6	-	-
2	.48525	24.76	Qp	0	0	10.1	34.86	56.25	-21.39	-	-
3	.55275	25.42	Qp	0	0	10.1	35.52	56	-20.48	-	-
4	.555	22.19	Ca	0	0	10.1	32.29	-	-	46	-13.71
5	.72375	23.88	Qp	0	0	10.1	33.98	56	-22.02	-	-
6	.72375	8.24	Ca	0	0	10.1	18.34	-	-	46	-27.66
7	1.44938	24.76	Qp	0	.1	10.1	34.96	56	-21.04	-	-
8	1.59113	12.02	Ca	0	.1	10.1	22.22	-	-	46	-23.78
9	2.0535	24.91	Qp	0	.1	10.1	35.11	56	-20.89	-	-
10	2.2335	14.56	Ca	0	.1	10.1	24.76	-	-	46	-21.24
11	24.729	27.64	Qp	.1	.3	10.5	38.54	60	-21.46	-	-
12	24.999	18.09	Ca	.1	.3	10.5	28.99	-	-	50	-21.01

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



Trace Markers

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	.15225	27.8	Qp	.1	0	10.1	38	65.88	-27.88	-	-
14	.15225	13.2	Ca	.1	0	10.1	23.4	-	-	55.88	-32.48
15	.48525	29.82	Qp	0	0	10.1	39.92	56.25	-16.33	-	-
16	.55275	24.93	Qp	0	0	10.1	35.03	56	-20.97	-	-
17	.555	22.7	Ca	0	0	10.1	32.8	-	-	46	-13.2
18	.726	29.71	Qp	0	0	10.1	39.81	56	-16.19	-	-
19	.726	9.92	Ca	0	0	10.1	20.02	-	-	46	-25.98
20	1.4505	29.82	Qp	0	.1	10.1	40.02	56	-15.98	-	-
21	1.4505	10.97	Ca	0	.1	10.1	21.17	-	-	46	-24.83
22	3.01875	28.72	Qp	0	.1	10.1	38.92	56	-17.08	-	-
23	24.71775	31.57	Qp	.1	.3	10.5	42.47	60	-17.53	-	-
24	24.8955	22.07	Ca	.1	.3	10.5	32.97	-	-	50	-17.03

Qp - Quasi-Peak detector

Ca - CISPR average detection