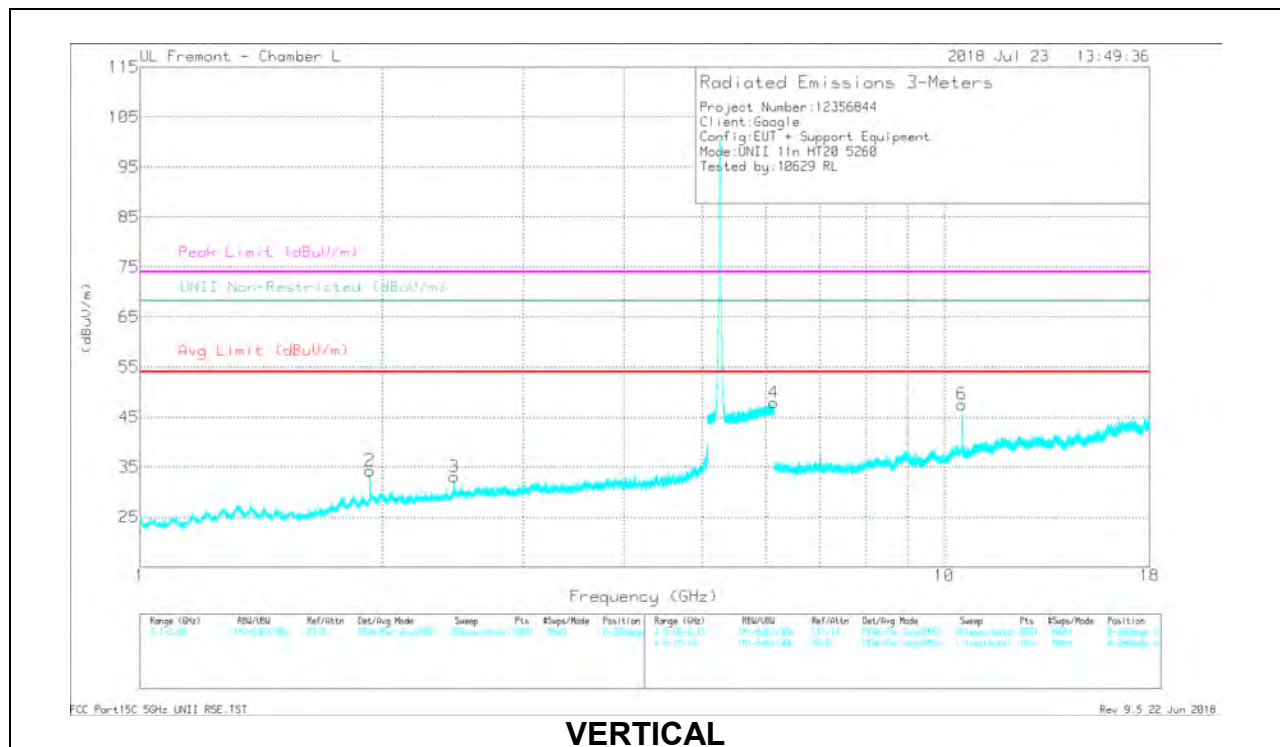
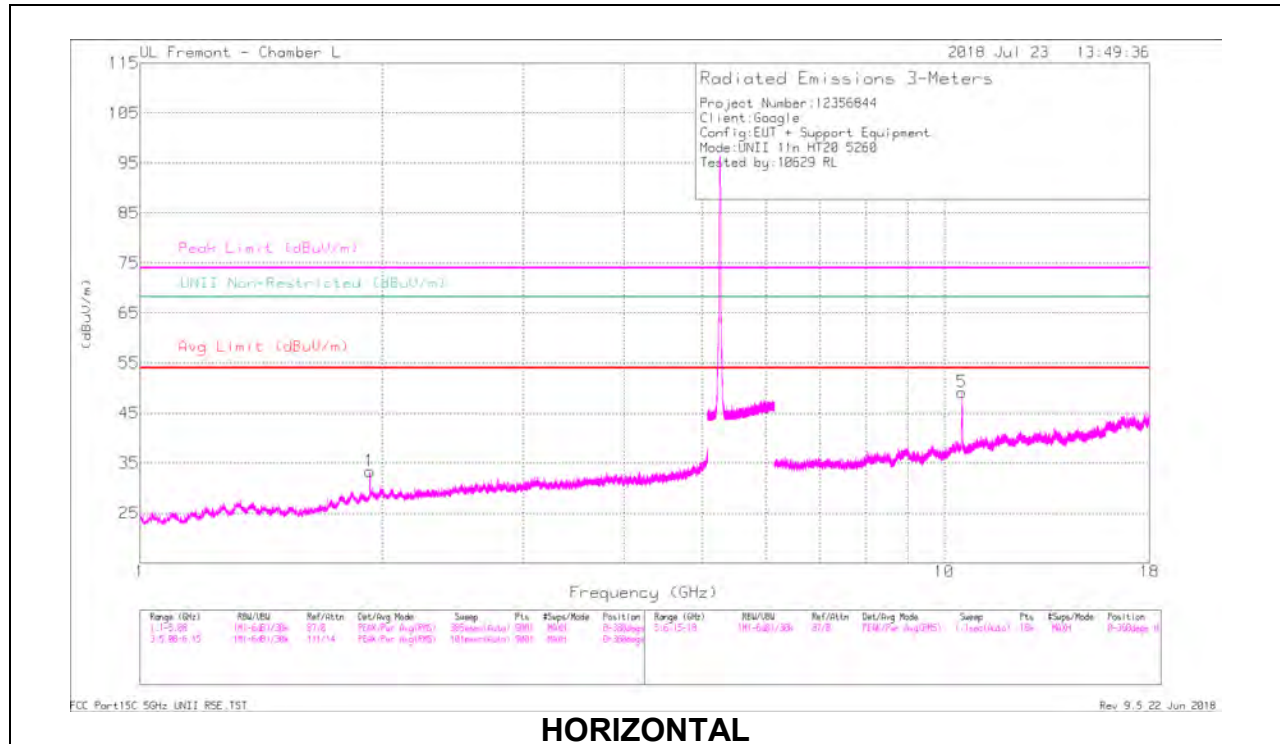


HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

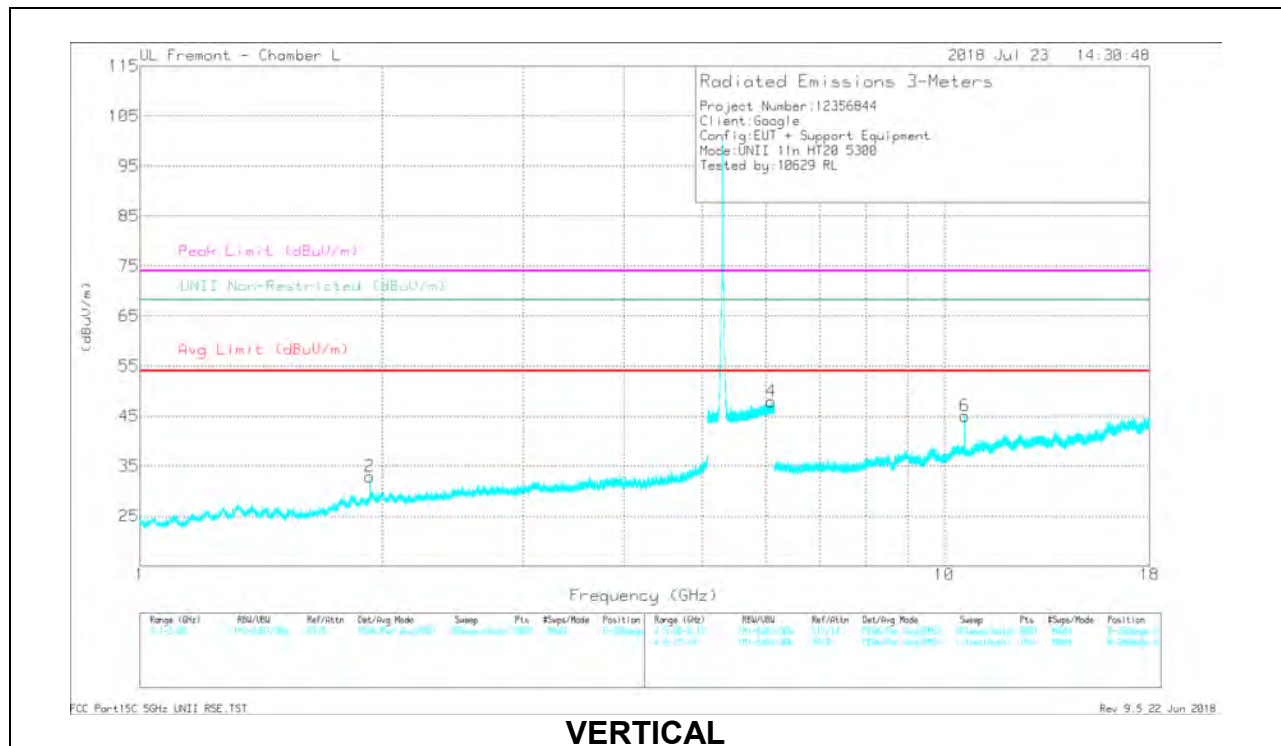
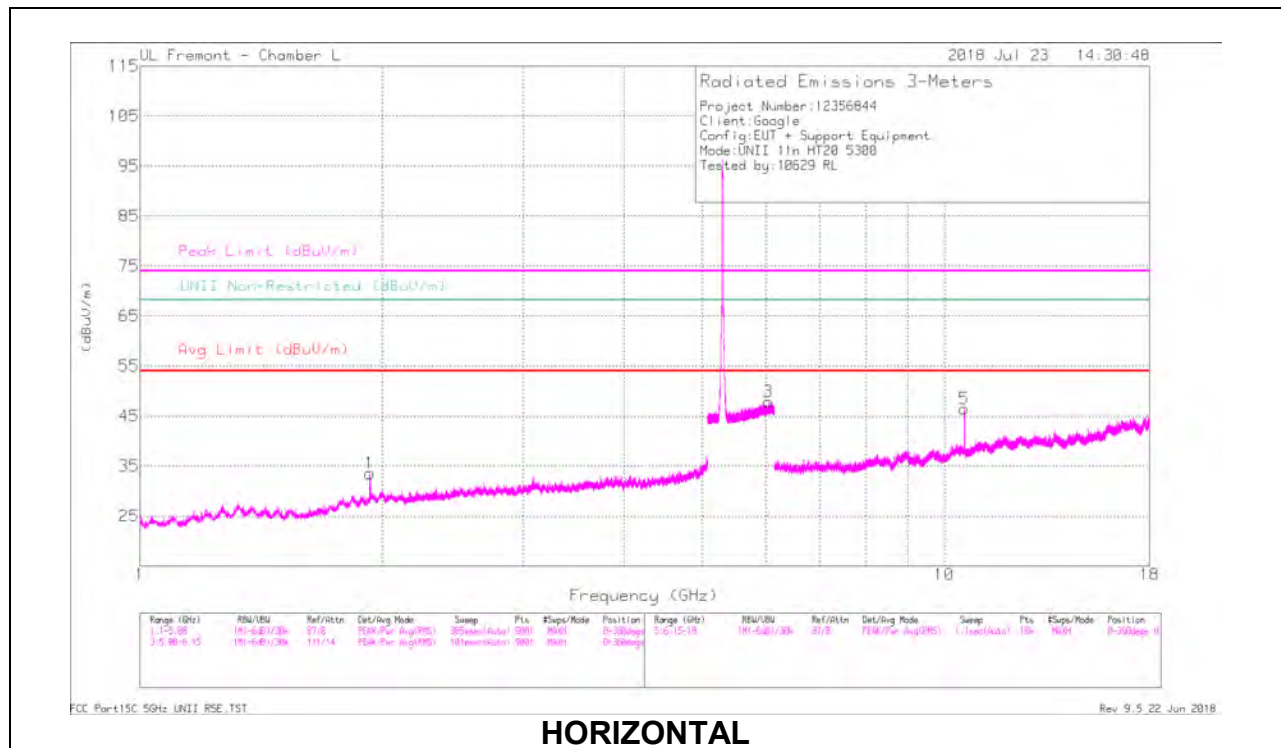


RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.931	44.11	PK-U	31.3	-33.5	41.91	-	-	-	-	68.2	-26.29	63	199	H
1.931	42.45	PK-U	31.3	-33.5	40.25	-	-	-	-	68.2	-27.95	69	239	V
2.461	40.3	PK-U	32.2	-32.7	39.8	-	-	-	-	68.2	-28.4	322	184	V
6.14	34.14	PK-U	35.5	-17.7	51.94	-	-	-	-	68.2	-16.26	260	313	V
10.519	41.65	PK-U	37.5	-20.7	58.45	-	-	-	-	68.2	-9.75	284	113	H
10.52	43.14	PK-U	37.5	-20.7	59.94	-	-	-	-	68.2	-8.26	270	232	V

PK-U - U-III: Maximum Peak

MID CHANNEL RESULTS



RADIATED EMISSIONS

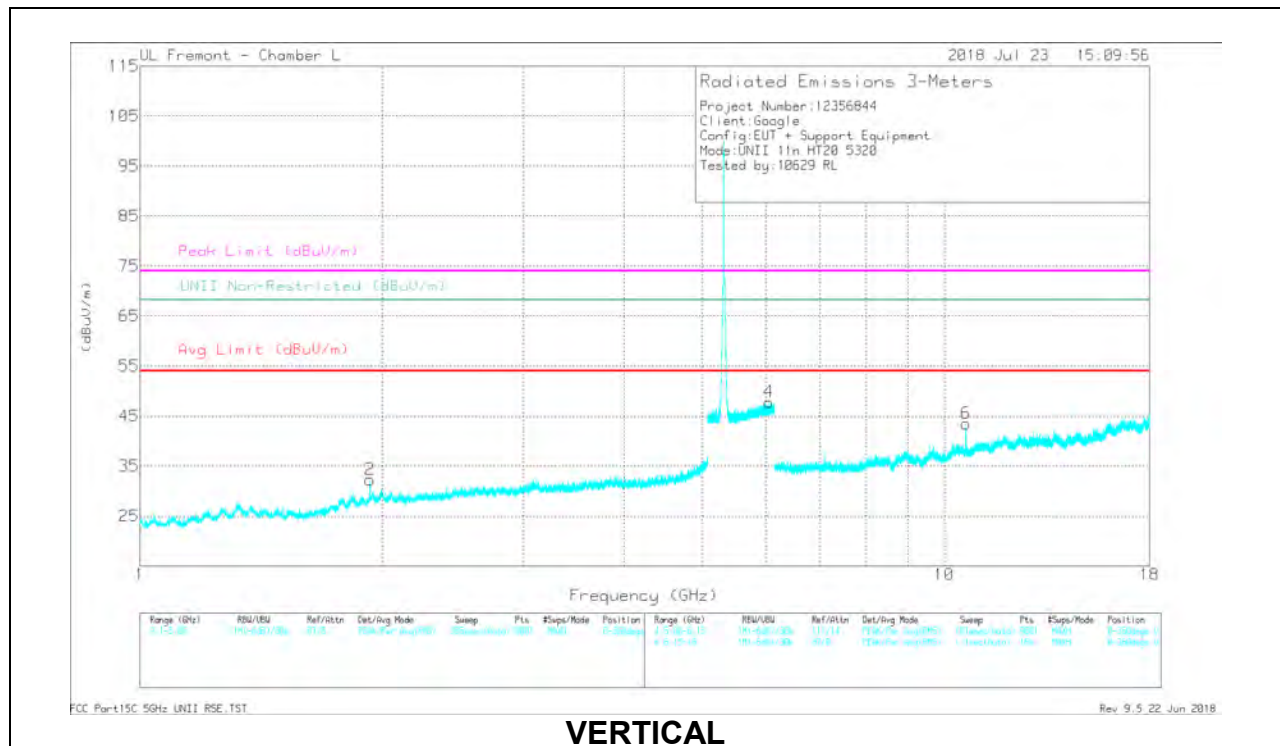
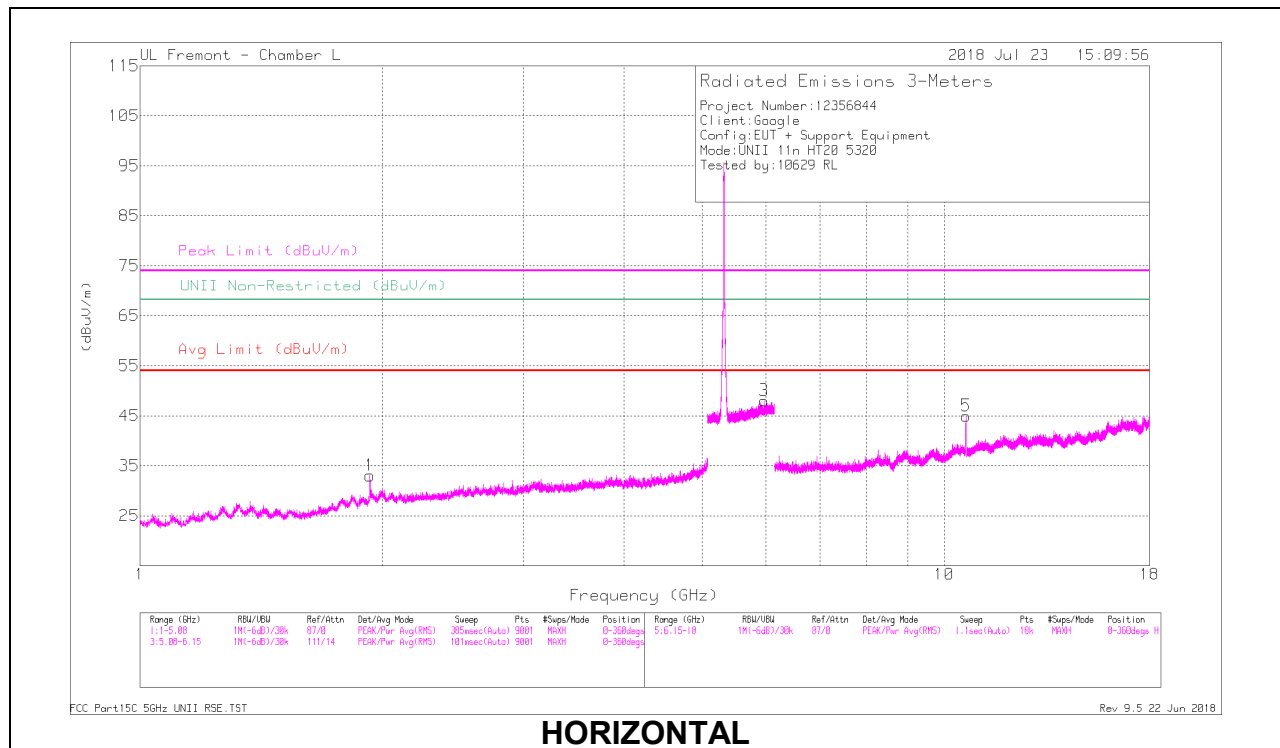
Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.932	45.43	PK-U	31.3	-33.5	43.23	-	-	-	-	68.2	-24.97	153	188	H
1.931	44.3	PK-U	31.3	-33.5	42.1	-	-	-	-	68.2	-26.1	166	214	V
6.045	34.96	PK-U	35.3	-17.6	52.66	-	-	-	-	68.2	-15.54	234	243	H
6.095	34.2	PK-U	35.4	-17.6	52	-	-	-	-	68.2	-16.2	142	326	V
* 11.71	31.28	PK-U	38.5	-20.9	48.98	-	-	74	-25.12	-	-	190	284	H
* 11.823	20.58	ADR	38.6	-21.1	38.08	54	-15.92	-	-	-	-	49	101	V
* 11.75	31.37	PK-U	38.6	-21.2	48.77	-	-	74	-25.23	-	-	49	101	V
* 11.837	20.59	ADR	38.6	-21	38.19	54	-15.81	-	-	-	-	49	101	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

Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dBm)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.931	44.23	PK-U	31.3	-33.5	42.03	-	-	-	-	68.2	-26.17	353	176	H
1.931	41.41	PK-U	31.3	-33.5	39.21	-	-	-	-	68.2	-28.99	192	235	V
5.969	34.21	PK-U	35.1	-17.6	51.51	-	-	-	-	68.2	-16.69	173	200	H
6.053	34.45	PK-U	35.3	-17.7	52.05	-	-	-	-	68.2	-16.15	231	111	V
* 10.635	40.63	PK-U	37.6	-21.4	56.83	-	-	74	-17.17	-	-	189	206	H
* 10.639	29.01	ADR	37.6	-21.4	45.21	54	-8.79	-	-	-	-	189	206	H
* 10.641	41.07	PK-U	37.6	-21.3	57.37	-	-	74	-16.63	-	-	266	388	V
* 10.639	28.84	ADR	37.6	-21.4	45.04	54	-8.96	-	-	-	-	266	388	V

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

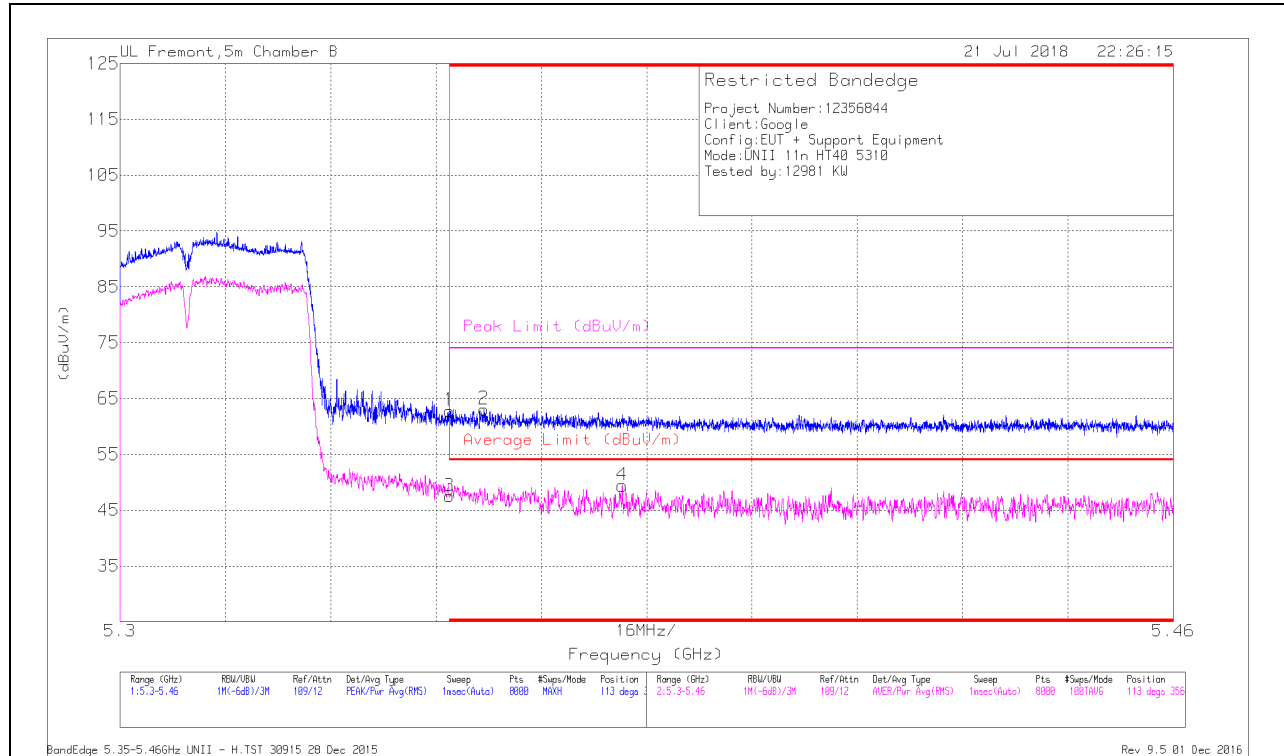
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.1.7. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.3 GHz BAND

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



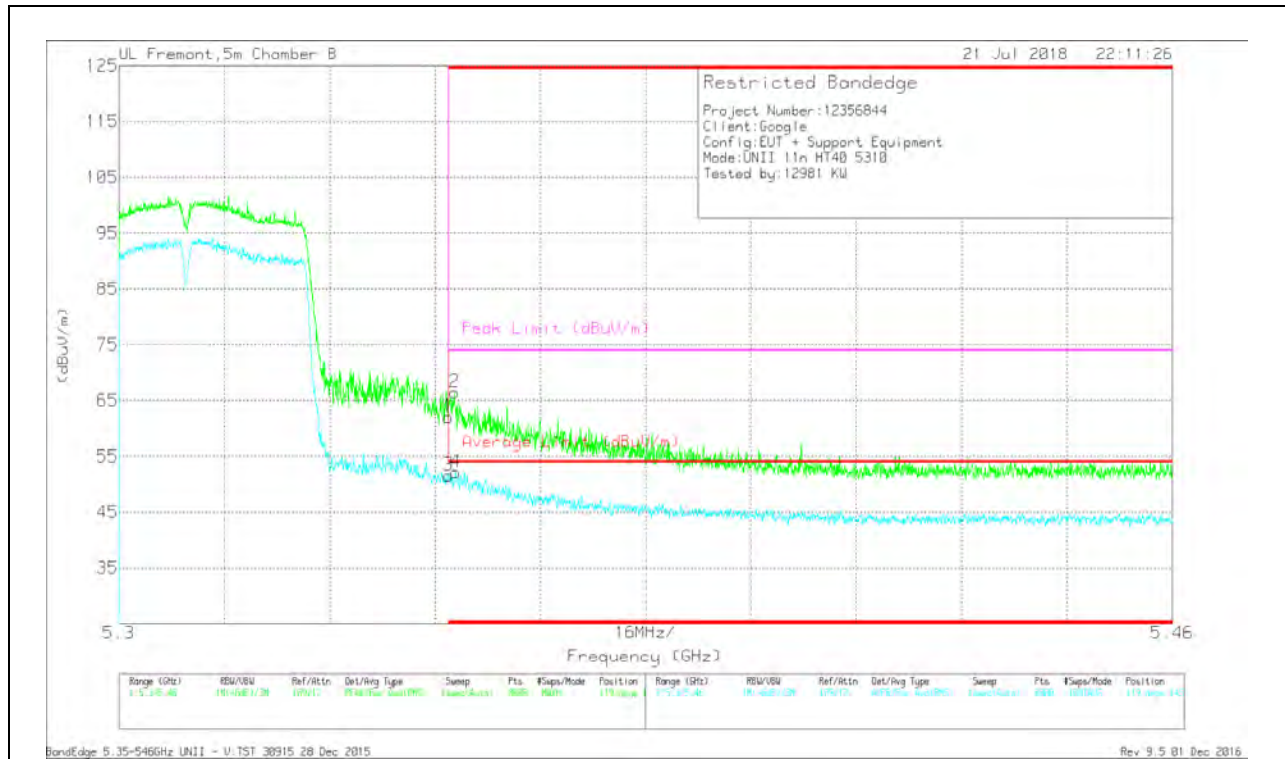
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Dege)	Height (cm)	Polarity
1	* 5.35	46.93	Pk	35	-19.1	0	62.83	-	-	74	-11.17	113	356	H
3	* 5.35	31.49	RMS	35	-19.1	.1	47.49	54	-6.51	-	-	113	356	H
2	* 5.355	47.18	Pk	35	-19.1	0	63.08	-	-	74	-10.92	113	356	H
4	* 5.376	33.32	RMS	35.1	-19.1	.1	49.42	54	-4.58	-	-	113	356	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 T663 (dBm)	Amp/Cbl/Ftr/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	* 5.35	46.2	Pk	35	-19.1	0	62.1	-	-	74	-11.9	119	145	V
3	* 5.35	35.57	RMS	35	-19.1	.1	51.57	54	-2.43	-	-	119	145	V
2	* 5.351	50.47	Pk	35	-19	0	66.47	-	-	74	-7.53	119	145	V
4	* 5.351	36.04	RMS	35	-19	.1	52.14	54	-1.86	-	-	119	145	V

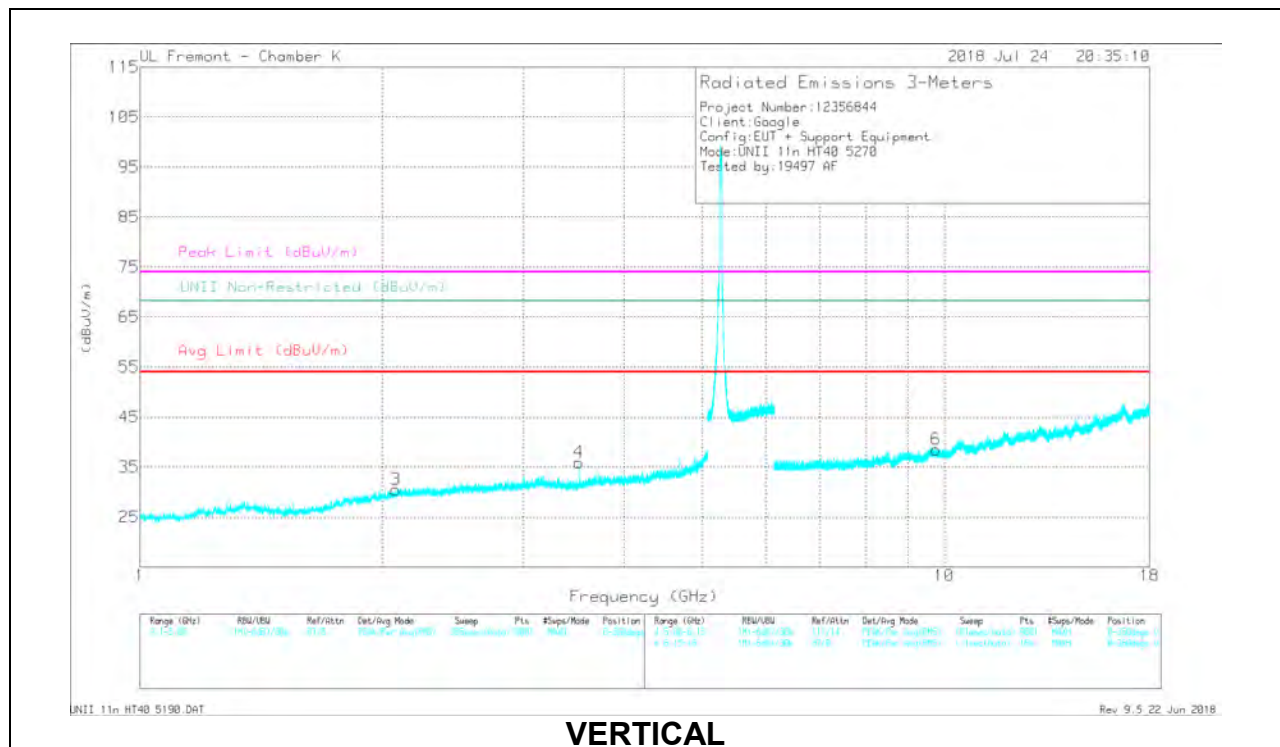
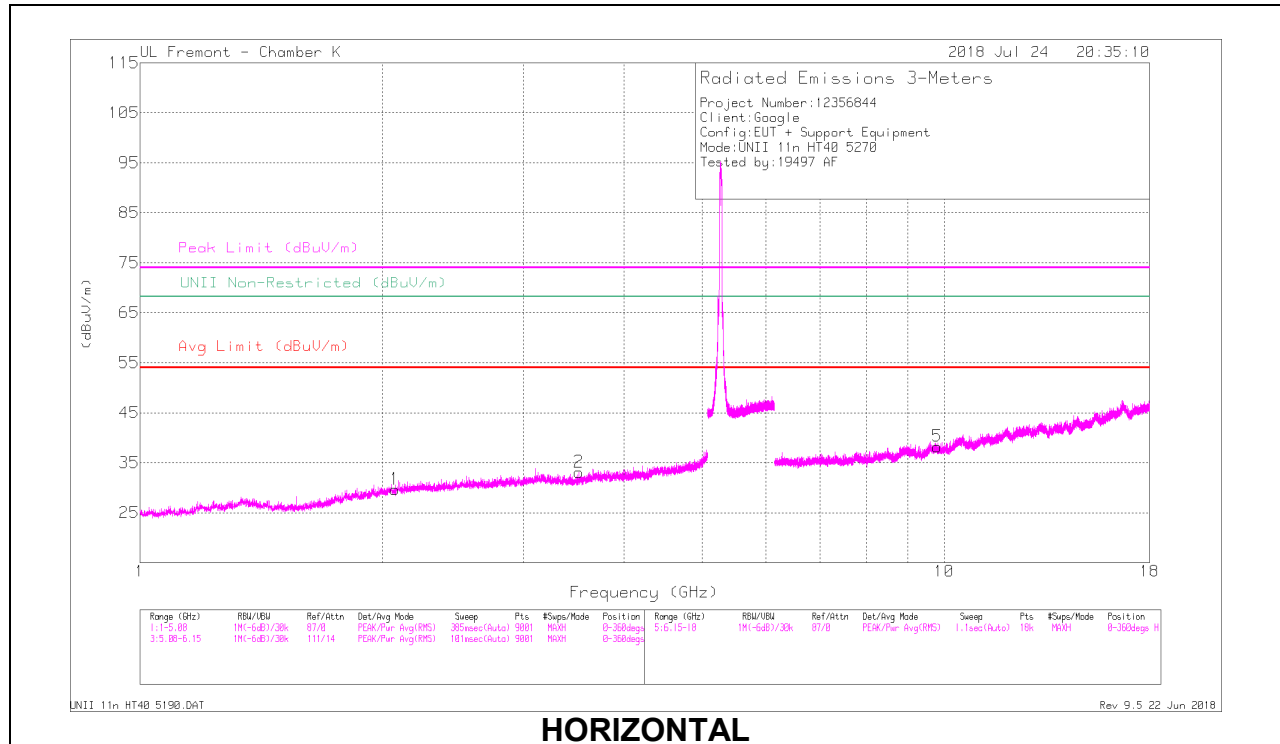
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

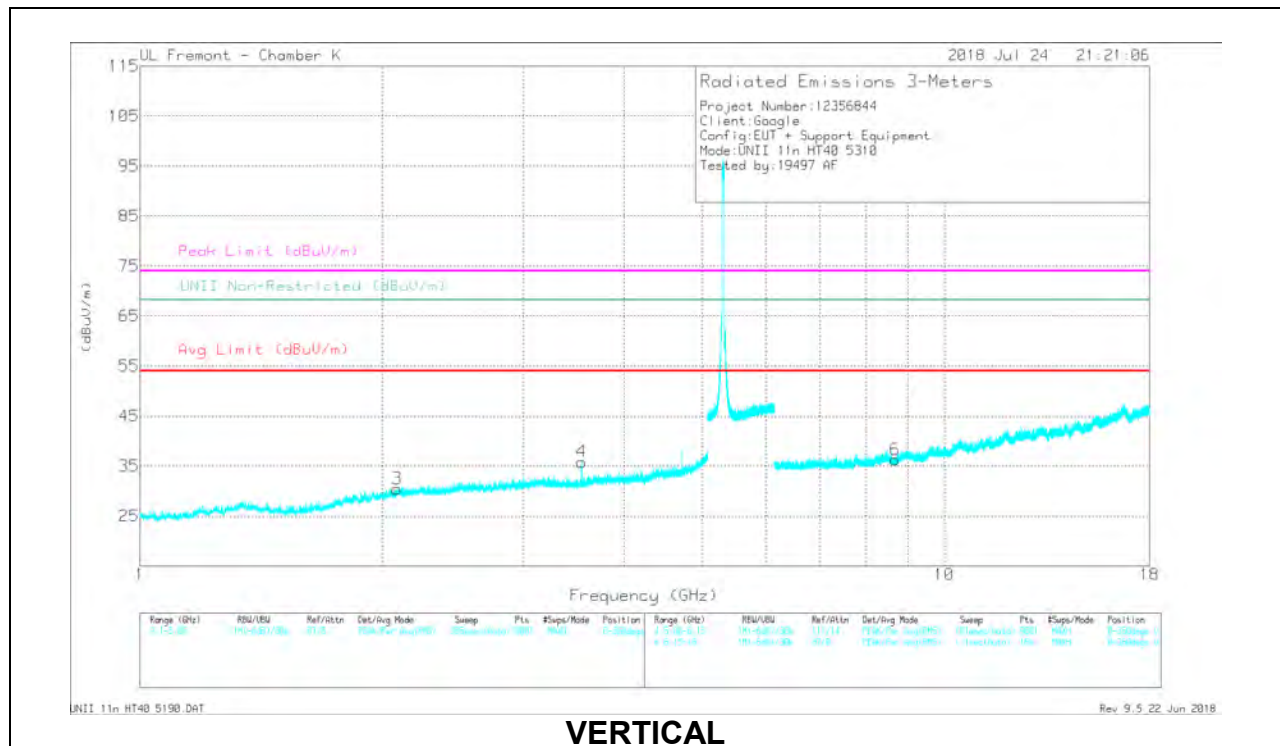
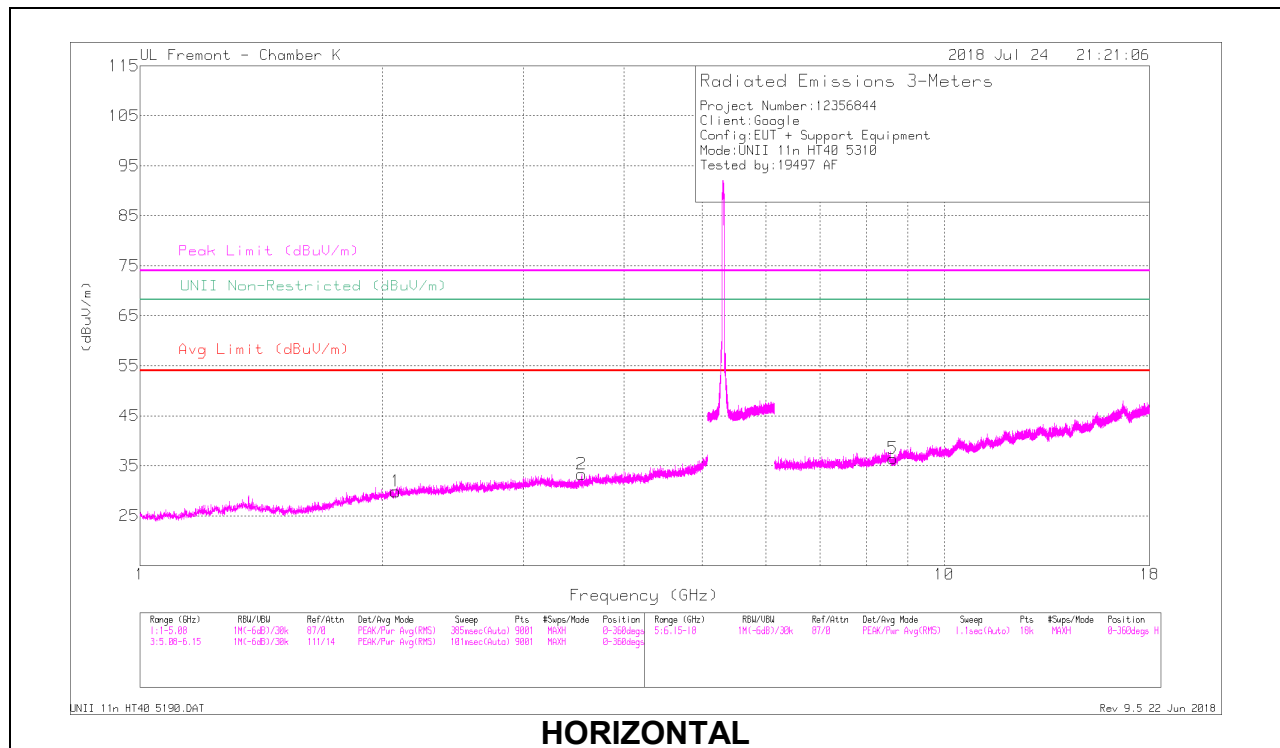
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
2.074	40.45	PK-U	31.4	-35.2	0	36.65	-	-	-	-	68.2	-31.55	257	172	H
2.074	31.56	ADR	31.4	-35.2	.1	27.86	-	-	-	-	-	-	257	172	H
* 3.513	40.68	PK-U	32.7	-32.7	0	40.68	-	-	74	-33.32	-	-	32	241	H
* 3.513	33.04	ADR	32.7	-32.7	.1	33.14	54	-20.86	-	-	-	-	32	241	H
2.081	41.34	PK-U	31.5	-35.2	0	37.64	-	-	-	-	68.2	-30.56	81	178	V
2.079	31.82	ADR	31.5	-35.2	.1	28.22	-	-	-	-	-	-	81	178	V
* 3.513	41.35	PK-U	32.7	-32.7	0	41.35	-	-	74	-32.64	-	-	252	104	V
* 3.513	34.21	ADR	32.7	-32.7	.1	34.31	54	-19.69	-	-	-	-	252	104	V
9.807	31.97	PK-U	36.9	-23.7	0	45.17	-	-	-	-	68.2	-23.03	359	275	H
9.807	22.9	ADR	36.9	-23.7	.1	36.2	-	-	-	-	-	-	359	275	H
9.765	32.01	PK-U	36.9	-23.5	0	45.41	-	-	-	-	68.2	-22.79	258	196	V
9.762	23.13	ADR	36.9	-23.5	.1	36.63	-	-	-	-	-	-	258	196	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

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (cm)	Polarity
2.079	40.48	PK-U	31.4	-35.2	0	36.68	-	-	-	-	68.2	-31.52	97	389	H
2.078	31.49	ADR	31.4	-35.2	.1	27.79	-	-	-	-	-	-	97	389	H
* 3.54	40.17	PK-U	32.8	-32.5	0	40.47	-	-	74	-33.53	-	-	35	340	H
* 3.54	32.41	ADR	32.8	-32.5	.1	32.81	54	-21.19	-	-	-	-	35	340	H
2.087	40.88	PK-U	31.5	-35.1	0	37.28	-	-	-	-	68.2	-30.92	141	347	V
2.088	31.54	ADR	31.5	-35.1	.1	28.04	-	-	-	-	-	-	141	347	V
* 3.54	42.01	PK-U	32.8	-32.5	0	42.31	-	-	74	-31.69	-	-	205	109	V
* 3.54	35.14	ADR	32.8	-32.5	.1	35.54	54	-18.46	-	-	-	-	205	109	V
8.624	32.74	PK-U	35.9	-24.4	0	44.24	-	-	-	-	68.2	-23.96	88	345	H
8.625	22.42	ADR	35.9	-24.4	.1	34.02	-	-	-	-	-	-	88	345	H
8.691	32.48	PK-U	36	-24.6	0	43.88	-	-	-	-	68.2	-24.32	314	382	V
8.691	23.37	ADR	36	-24.6	.1	34.87	-	-	-	-	-	-	314	382	V

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

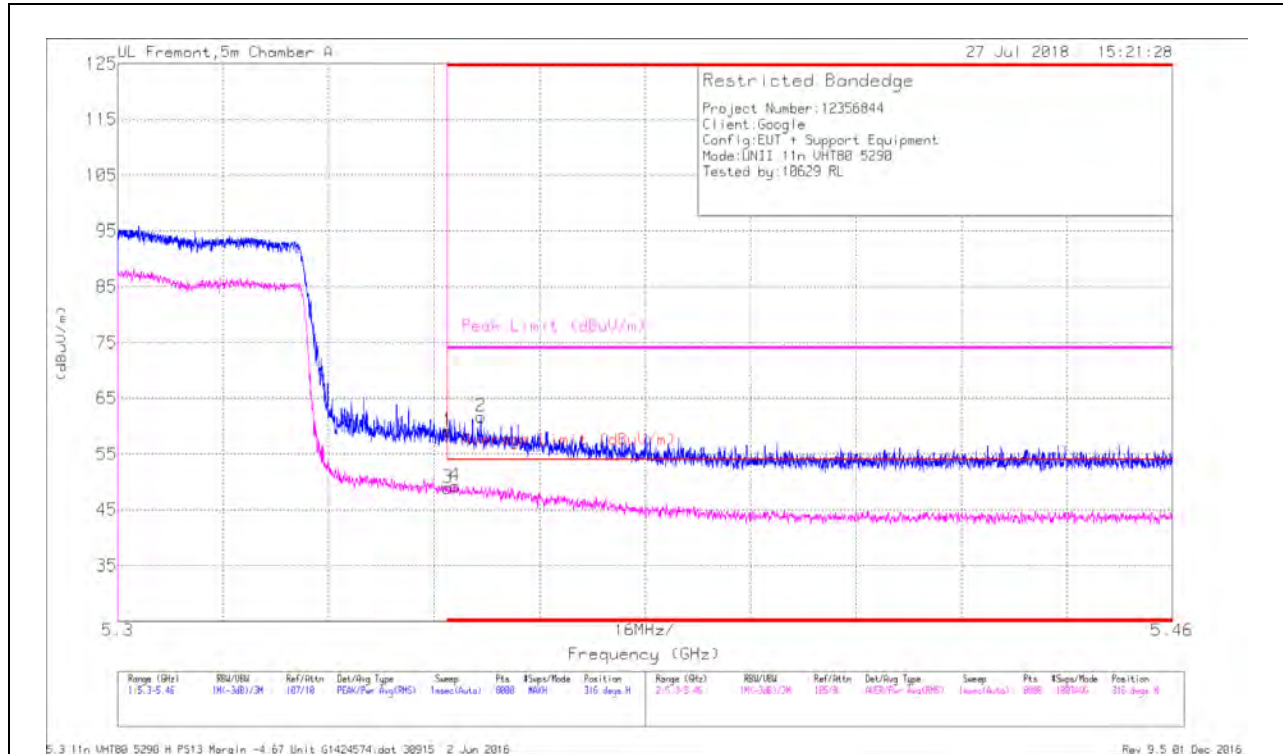
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.1.8. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



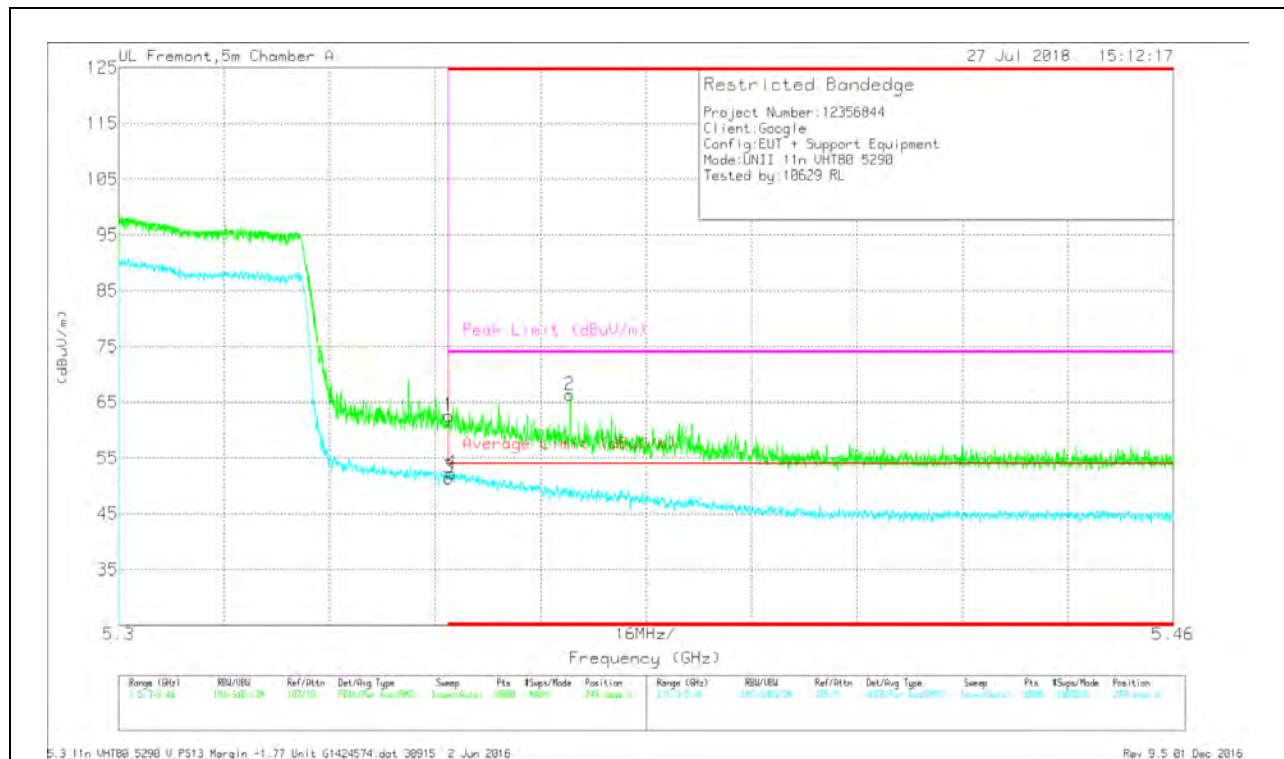
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Dege)	Height (cm)	Polarity
1	* 5.35	42.38	Pk	34.6	-17.9	0	59.08	-	-	74	-14.92	316	157	H
3	* 5.35	32.28	RMS	34.6	-17.9	-19	49.17	54	-4.83	-	-	316	157	H
4	* 5.351	32.63	RMS	34.6	-17.9	-19	49.52	54	-4.48	-	-	316	157	H
2	* 5.355	44.97	Pk	34.6	-17.9	0	61.67	-	-	74	-12.33	316	157	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	45.93	Pk	34.6	-17.9	0	62.63	-	-	74	-11.37	249	236	V
3	* 5.35	34.72	RMS	34.6	-17.9	19	51.61	54	-2.39	-	-	249	236	V
4	* 5.35	35.53	RMS	34.6	-17.9	19	52.42	54	-1.58	-	-	249	236	V
2	* 5.368	40.68	Pk	34.6	-17.0	0	66.78	-	-	74	-7.72	240	236	V

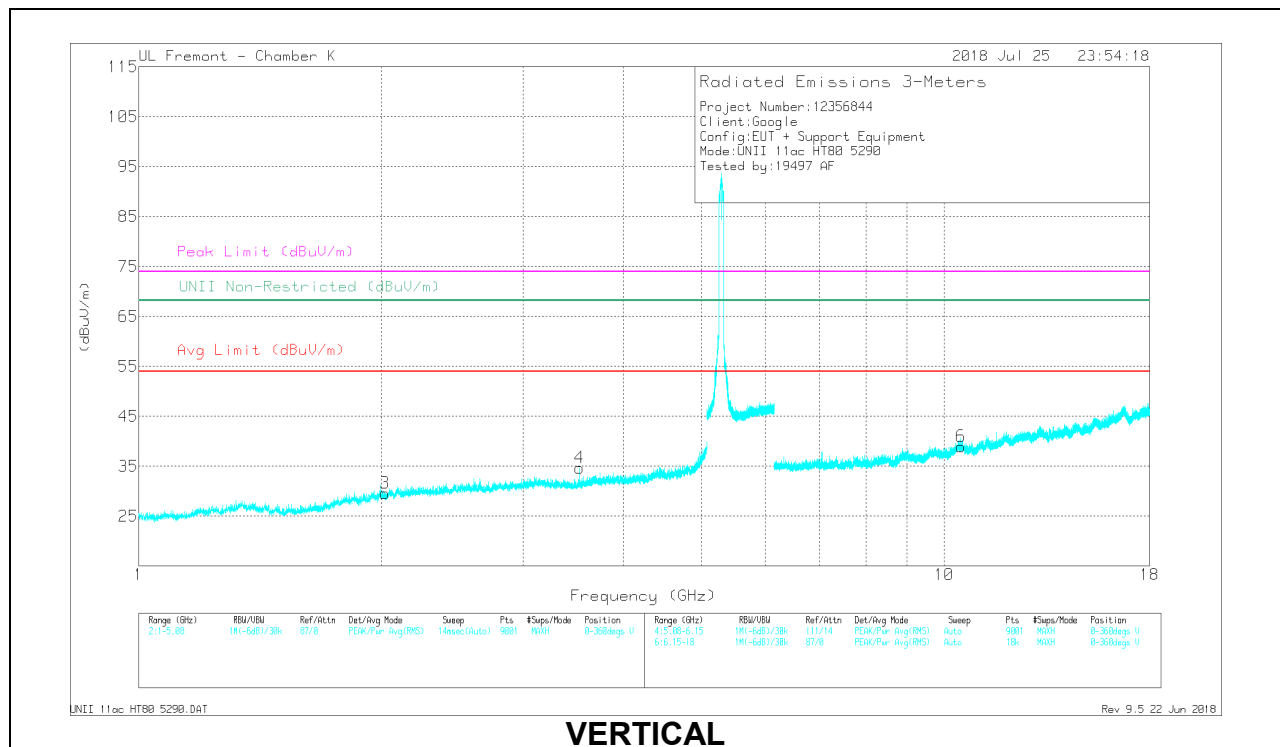
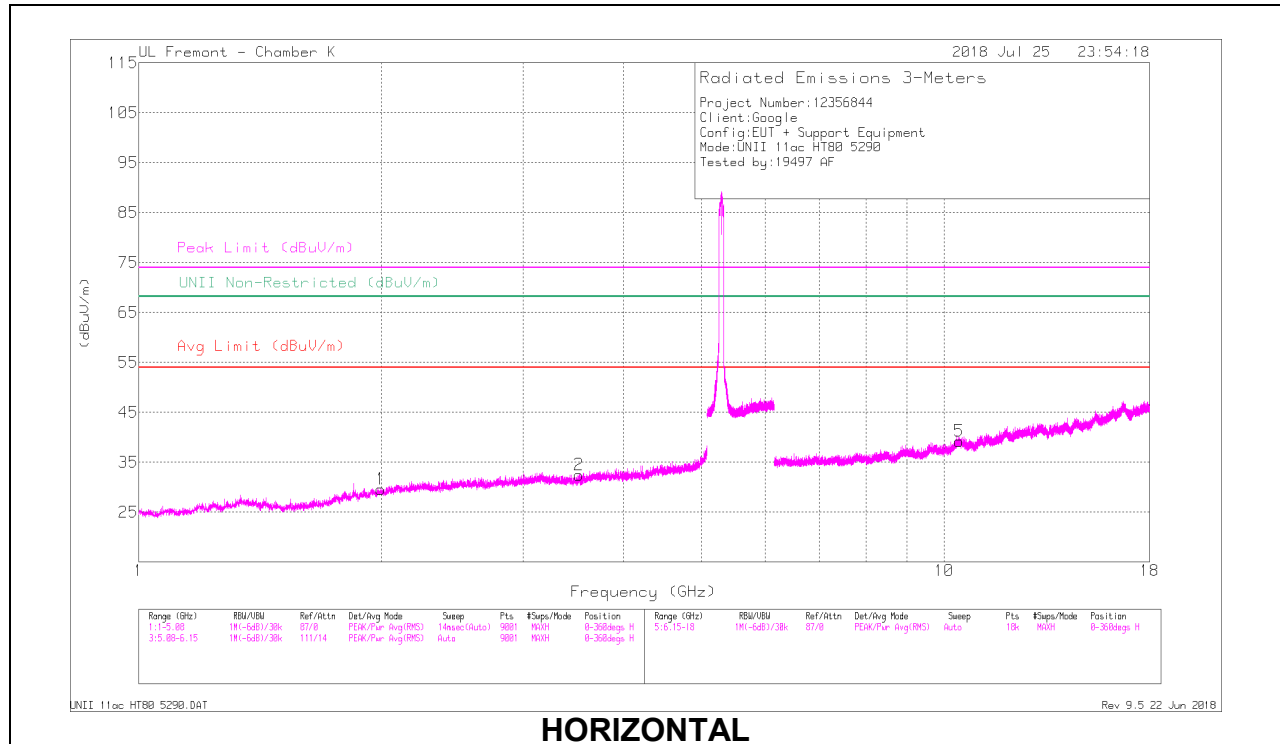
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Frequency (MHz)	Meter Reading (dBuV)	Det	AF T344 (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)	Unlit Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	41.09	PK-U	31	-35.2	0	36.89	-	-	-	-	68.2	-31.31	5	141	H
1.999	31.26	ADR	31	-35.2	.19	27.25	-	-	-	-	-	-	5	141	H
* 3.519	36.9	PK-U	32.7	-32.7	0	38.9	-	-	74	-35.1	-	-	183	133	H
* 3.518	29.54	ADR	32.7	-32.7	.19	29.73	54	-24.27	-	-	-	-	183	133	H
2.022	40.85	PK-U	31.1	-35.1	0	36.85	-	-	-	-	68.2	-31.35	44	156	V
2.023	31.56	ADR	31.1	-35.1	.19	27.75	-	-	-	-	-	-	44	156	V
* 3.526	40.93	PK-U	32.6	-32.6	0	41.13	-	-	74	-32.87	-	-	258	108	V
* 3.527	33.94	ADR	32.6	-32.6	.19	34.33	54	-19.67	-	-	-	-	258	108	V
10.447	31.97	PK-U	37.5	-23.1	0	46.37	-	-	-	-	68.2	-21.83	63	191	H
10.448	23.49	ADR	37.5	-23	.19	38.18	-	-	-	-	-	-	63	191	H
10.5	32.07	PK-U	37.6	-22.8	0	46.87	-	-	-	-	68.2	-21.33	133	247	V
10.5	22.01	ADR	37.6	-22.8	.19	37	-	-	-	-	-	-	133	247	V

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

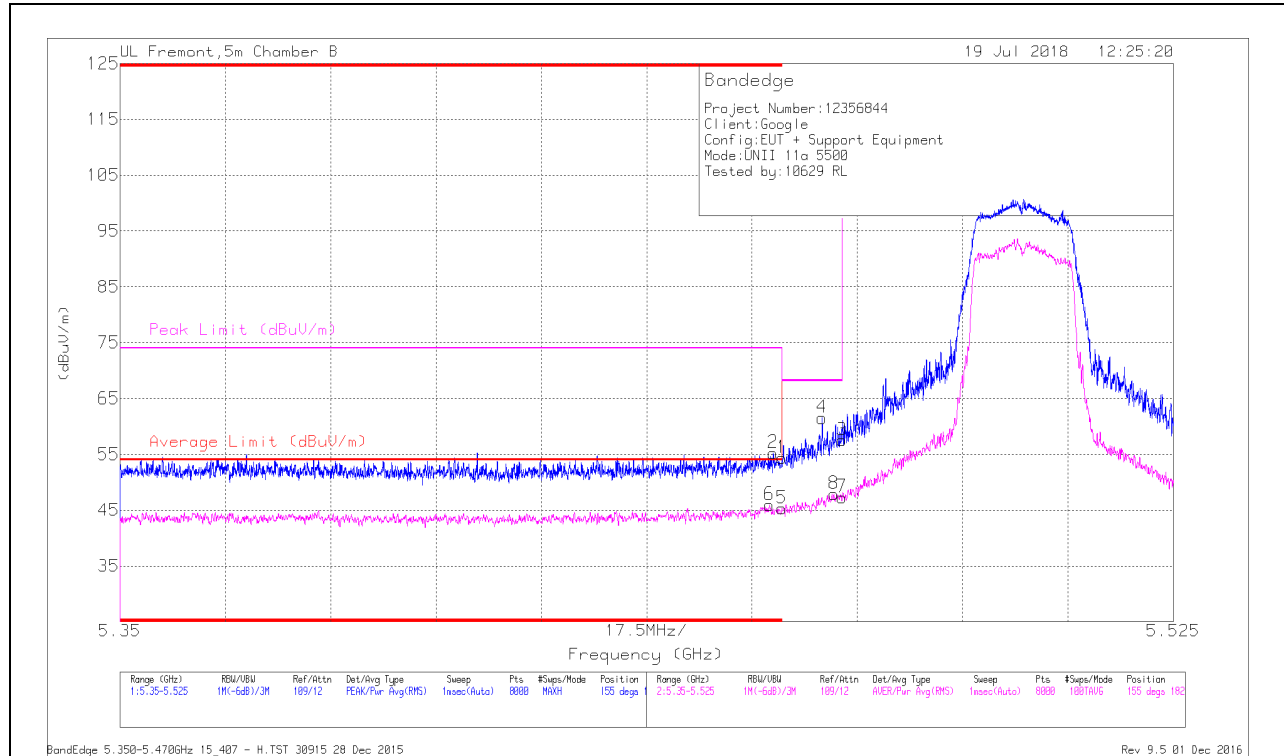
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



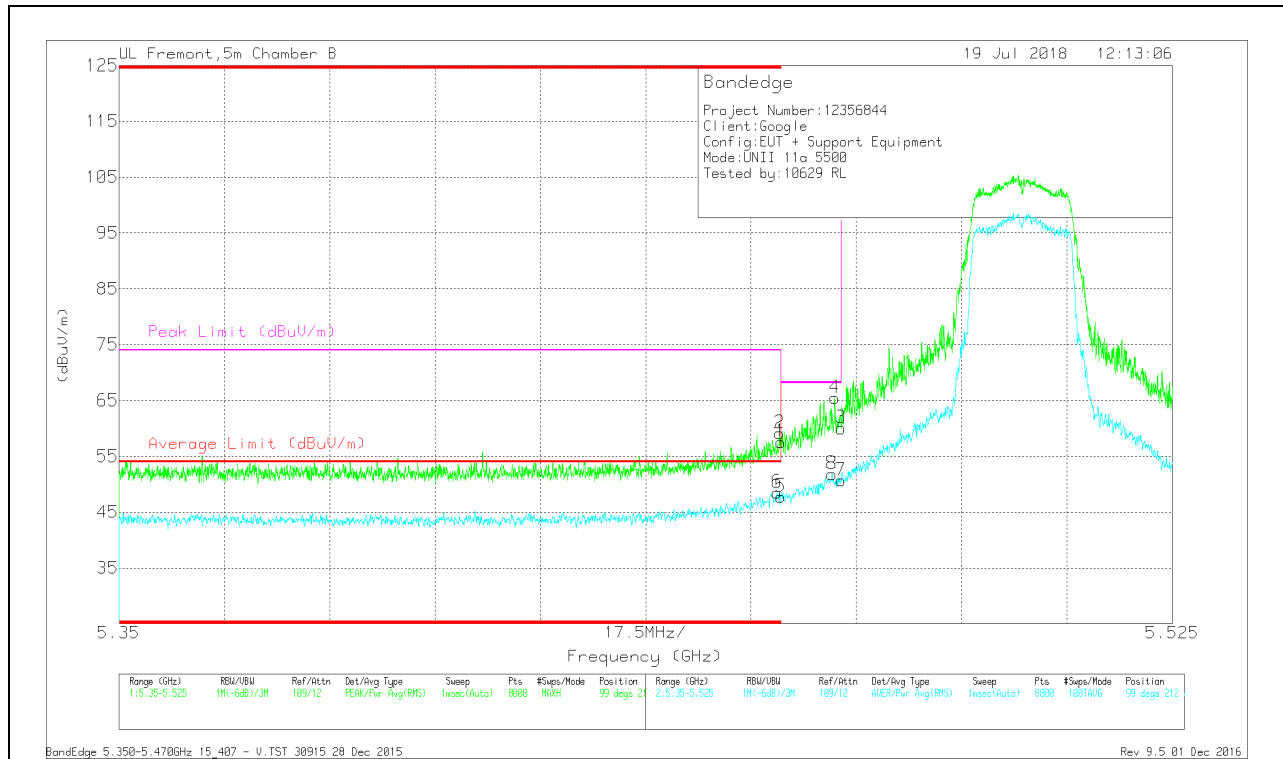
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.458	30.25	RMS	35.3	-19.6	45.95	54	-8.05	-	-	155	182	H
2	* 5.459	39.53	Pk	35.3	-19.6	55.23	-	-	74	-18.77	155	182	H
1	* 5.46	38.65	Pk	35.3	-19.6	54.35	-	-	74	-19.65	155	182	H
5	* 5.46	29.59	RMS	35.3	-19.6	45.29	54	-8.71	-	-	155	182	H
4	5.467	45.72	Pk	35.3	-19.5	61.52	-	-	68.2	-6.68	155	182	H
8	5.469	32.2	RMS	35.3	-19.6	47.9	-	-	-	-	155	182	H
3	5.47	41.81	Pk	35.3	-19.6	57.51	-	-	68.2	-10.69	155	182	H
7	5.47	31.62	RMS	35.3	-19.6	47.32	-	-	-	-	155	182	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

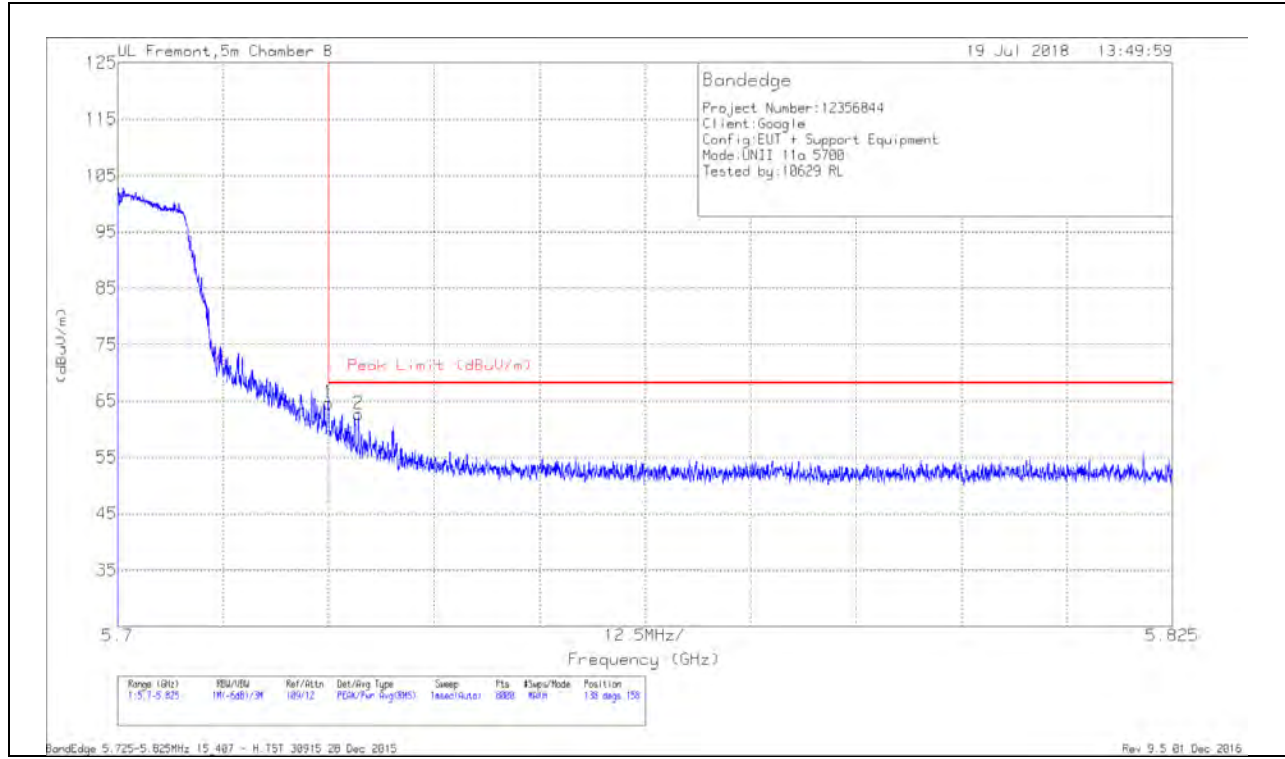


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.459	32.83	RMS	35.3	-19.6	48.53	54	-5.47	-	-	99	212	V
1	* 5.46	41.9	Pk	35.3	-19.6	57.6	-	-	74	-16.4	99	212	V
2	* 5.46	43.44	Pk	35.3	-19.6	59.14	-	-	74	-14.86	99	212	V
5	* 5.46	32.09	RMS	35.3	-19.6	47.79	54	-6.21	-	-	99	212	V
8	5.468	36.11	RMS	35.3	-19.6	51.81	-	-	-	-	99	212	V
4	5.469	49.87	Pk	35.3	-19.7	65.47	-	-	68.2	-2.73	99	212	V
3	5.47	44.35	Pk	35.3	-19.6	60.05	-	-	68.2	-8.15	99	212	V
7	5.47	34.99	RMS	35.3	-19.6	50.69	-	-	-	-	99	212	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

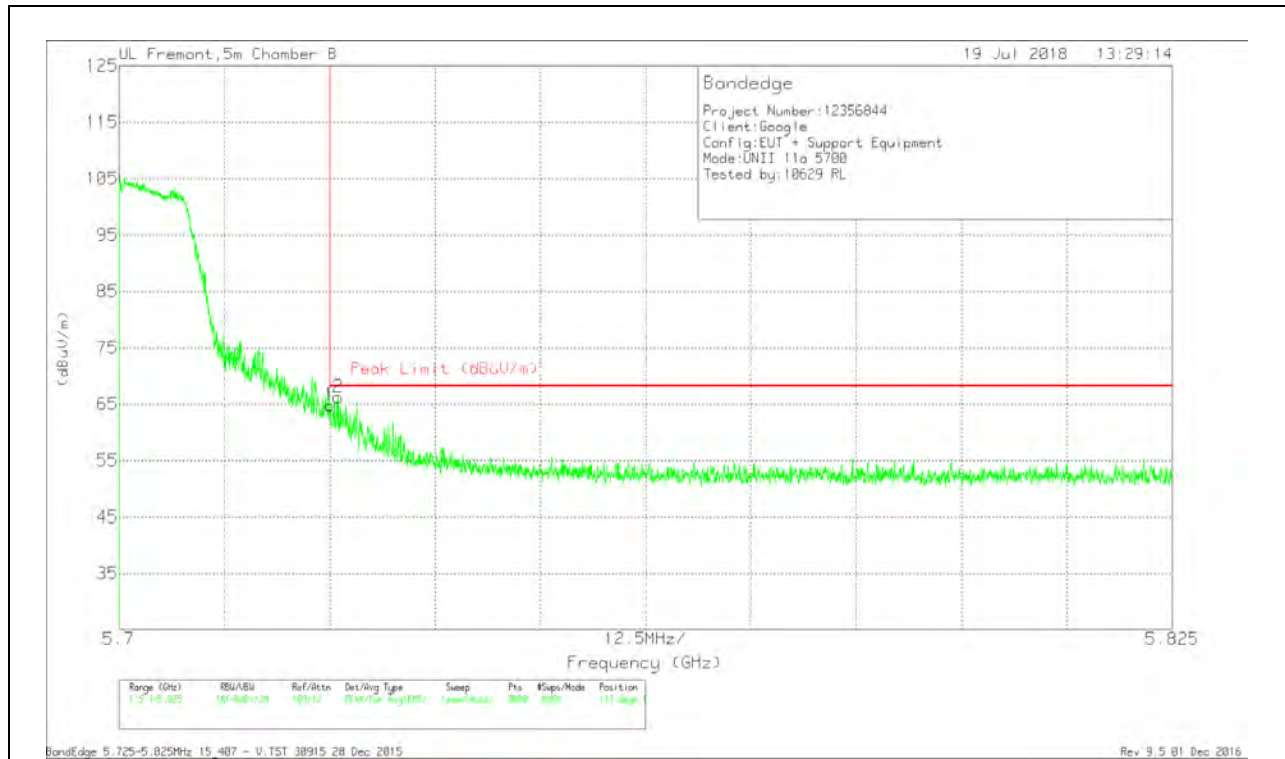
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	49.13	Pk	35.5	-20	64.63	68.2	-3.57	138	158	H
2	5.729	47.27	Pk	35.5	-20.1	62.67	68.2	-5.53	138	158	H

Pk - Peak detector

VERTICAL RESULT

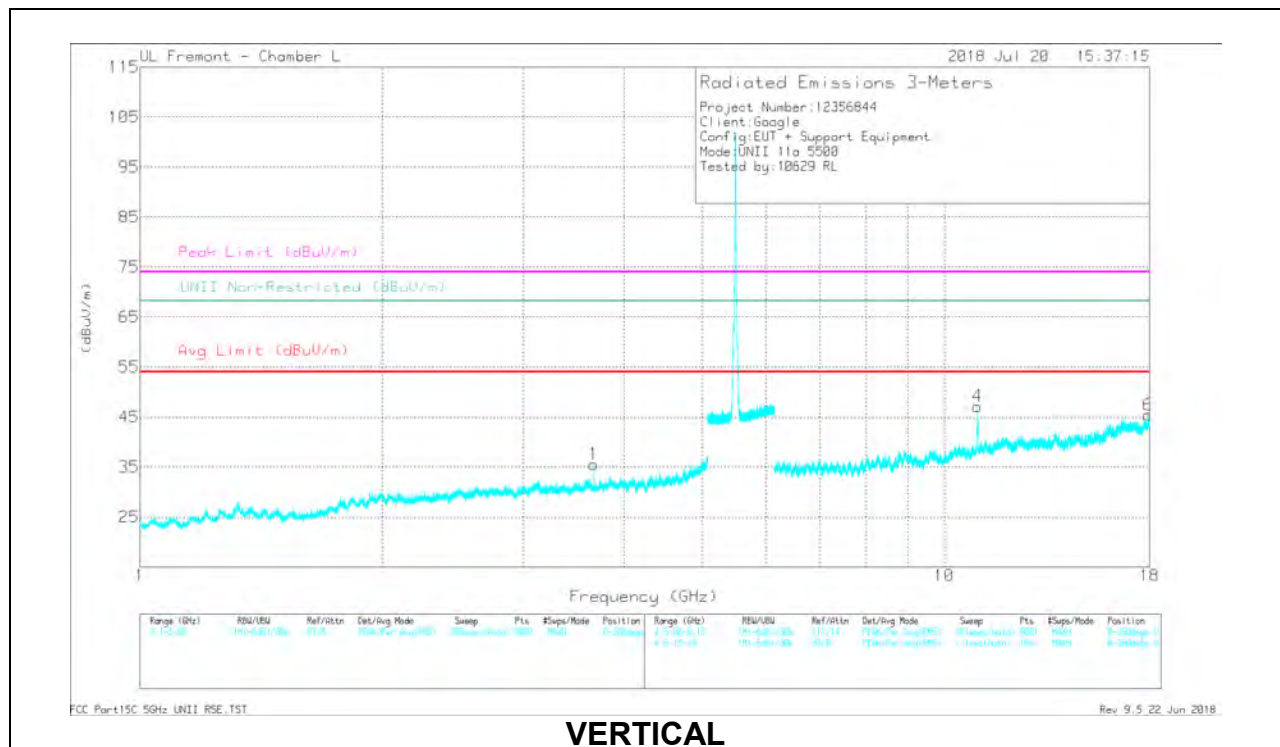
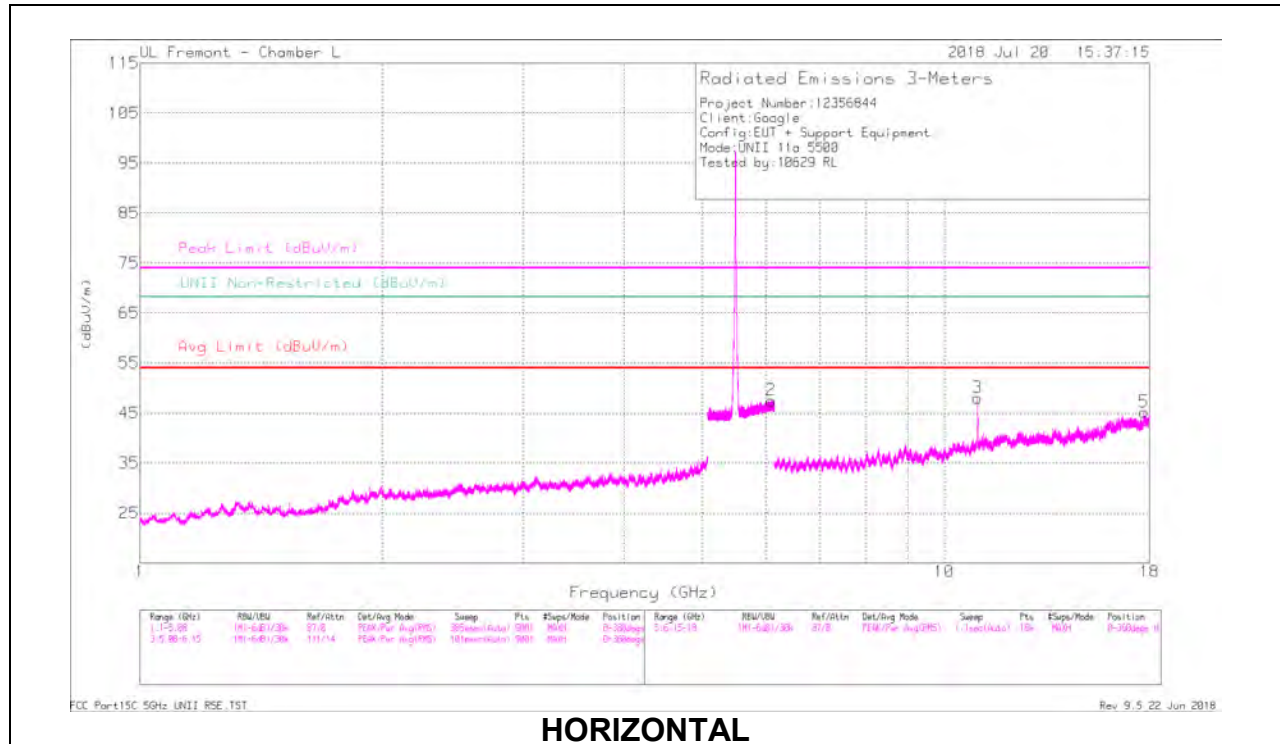


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	49.3	Pk	35.5	-20	64.8	68.2	-3.4	111	181	V
2	5.726	50.81	Pk	35.5	-20.1	66.21	68.2	-1.99	111	181	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

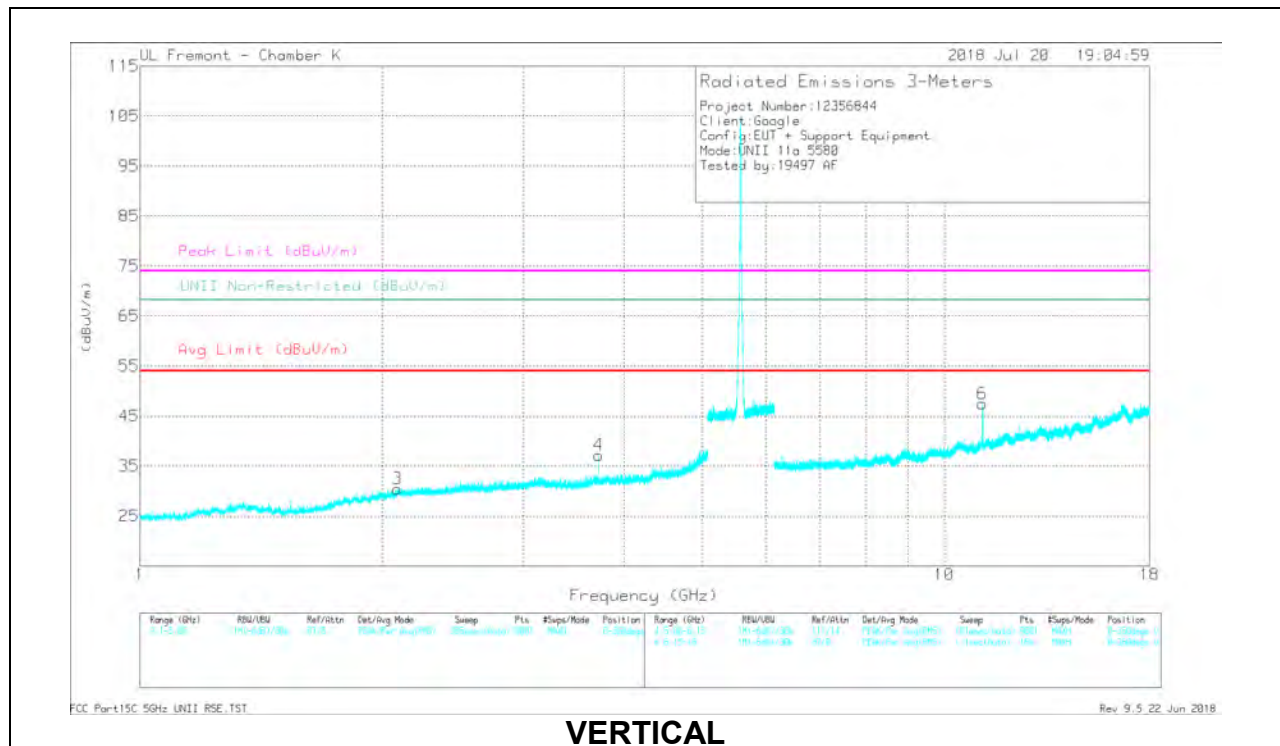
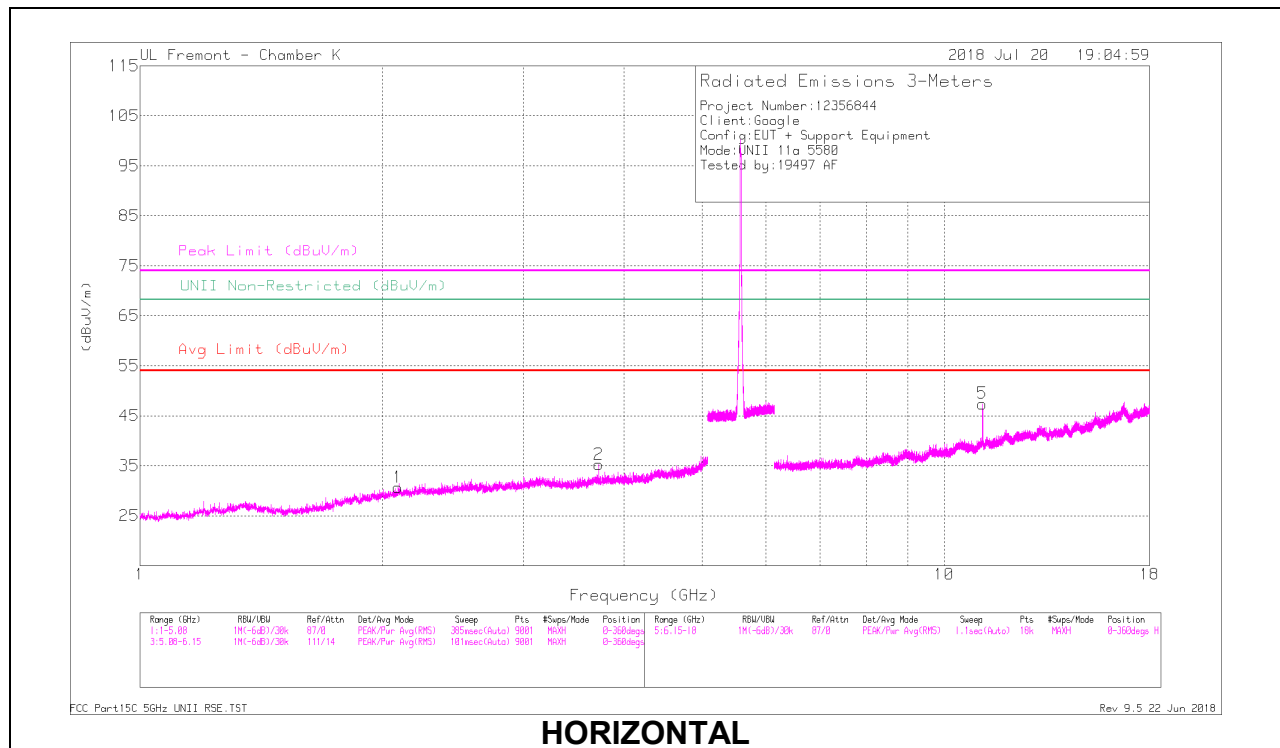
Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dBm)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.667	37.79	PK-U	33.2	-30.1	40.89	-	-	74	-33.11	-	-	232	106	V
* 3.667	31.92	ADR	33.2	-30	35.12	54	-18.88	-	-	-	-	232	106	V
6.095	35.49	PK-U	35.4	-17.6	53.29	-	-	-	-	68.2	-14.91	255	331	H
* 10.999	40.21	PK-U	37.8	-21	57.01	-	-	74	-16.99	-	-	194	190	H
* 10.998	28.49	ADR	37.8	-21	45.29	54	-8.71	-	-	-	-	194	190	H
* 17.721	27.9	PK-U	40.5	-17.8	50.6	-	-	74	-23.4	-	-	10	257	H
* 17.721	19.6	ADR	40.5	-17.8	42.3	54	-11.7	-	-	-	-	10	257	H
* 10.999	41.11	PK-U	37.8	-21	57.91	-	-	74	-16.09	-	-	270	255	V
* 11.002	29.79	ADR	37.8	-20.9	46.69	54	-7.31	-	-	-	-	270	255	V
* 10.999	41.46	PK-U	37.8	-21	58.26	-	-	74	-15.74	-	-	270	255	V
* 11.002	29.78	ADR	37.8	-20.9	46.68	54	-7.32	-	-	-	-	270	255	V
* 17.954	27.78	PK-U	40.5	-18	50.28	-	-	74	-23.72	-	-	209	194	V
* 17.952	19.52	ADR	40.5	-18.1	41.92	54	-12.08	-	-	-	-	209	194	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

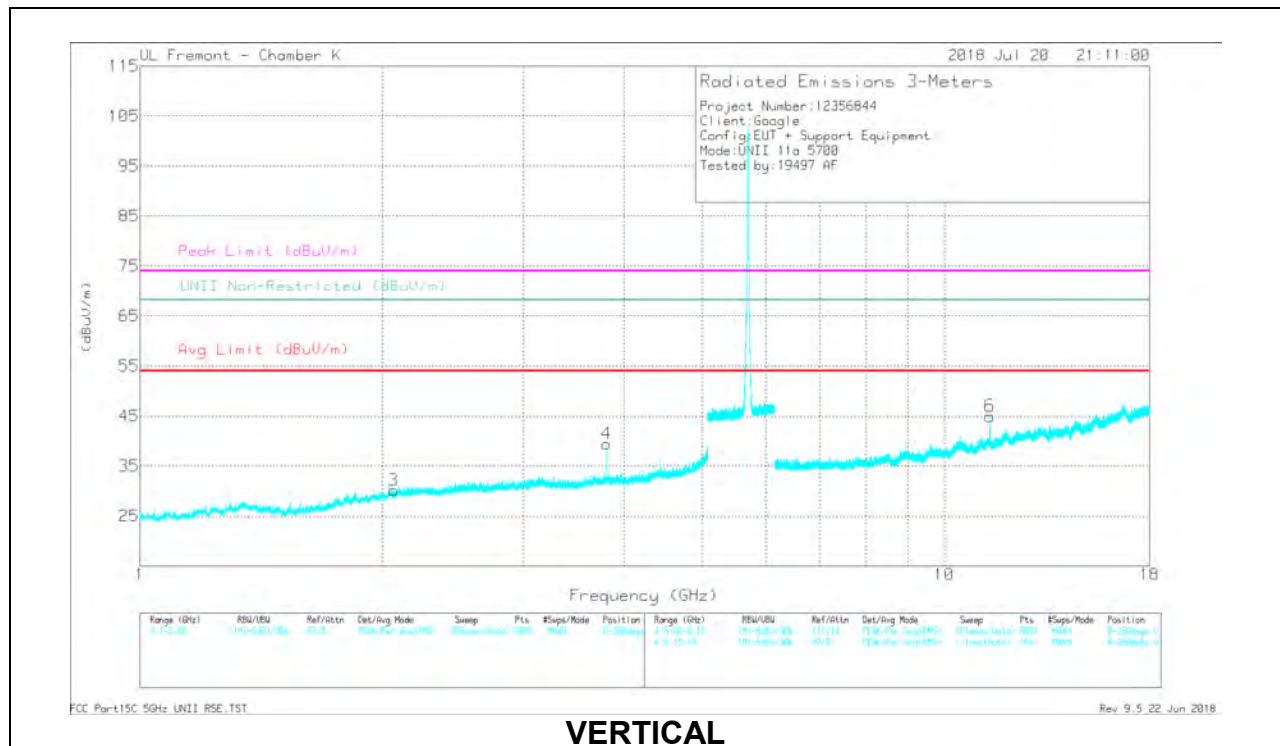
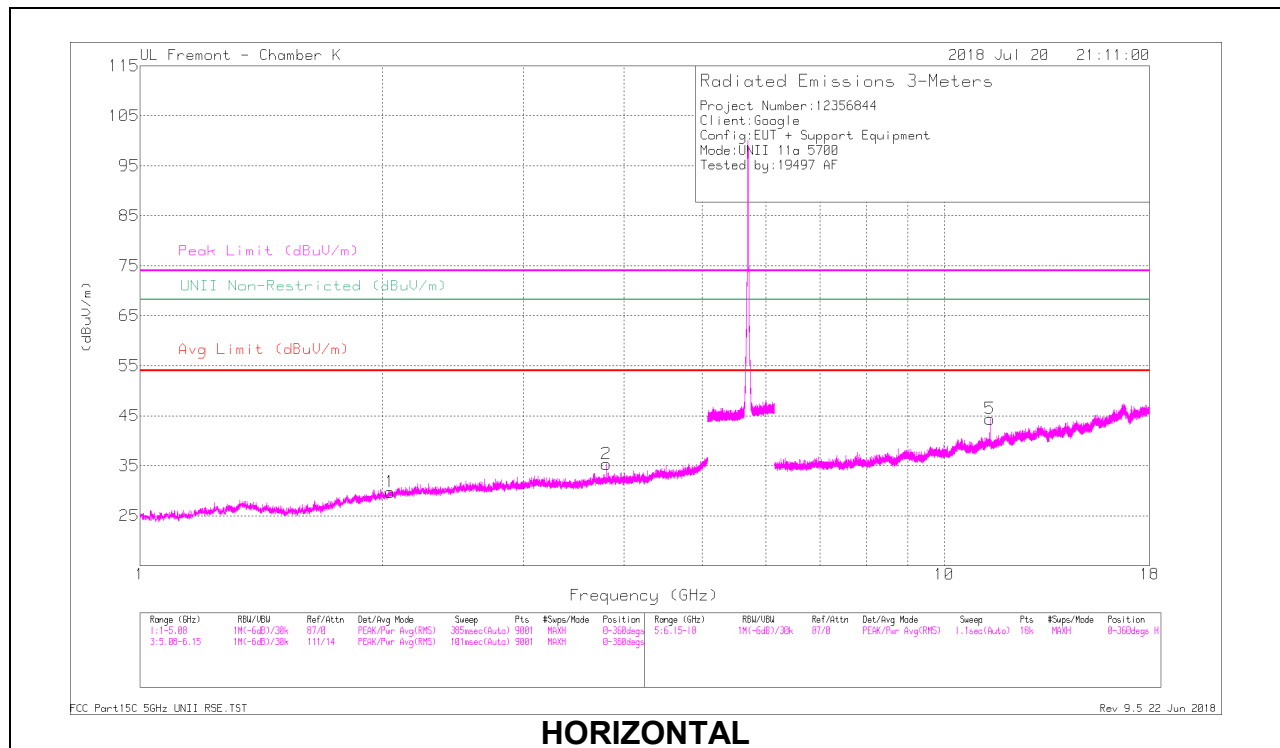
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Chl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.092	41.37	PK-U	31.5	-35.1	0	37.77	-	-	-	-	68.2	-30.43	65	233	H
2.092	31.18	ADR	31.5	-35.1	0	27.58	-	-	-	-	-	-	65	233	H
* 3.719	39.41	PK-U	33.2	-32	0	40.61	-	-	74	-33.39	-	-	163	146	H
* 3.72	31.42	ADR	33.2	-32	0	32.62	54	-21.38	-	-	-	-	163	146	H
2.091	40.44	PK-U	31.5	-35.1	0	36.84	-	-	-	-	68.2	-31.36	121	309	V
2.088	31.45	ADR	31.5	-35.1	0	27.85	-	-	-	-	-	-	121	309	V
* 3.72	40.67	PK-U	33.2	-32	0	41.87	-	-	74	-32.13	-	-	197	122	V
* 3.72	34.91	ADR	33.2	-32	0	36.11	54	-17.89	-	-	-	-	197	122	V
* 11.156	37.35	PK-U	37.9	-21.3	0	53.95	-	-	74	-20.05	-	-	297	104	H
* 11.156	27.75	ADR	37.9	-21.3	0	44.35	54	-9.65	-	-	-	-	297	104	H
* 11.159	41.33	PK-U	37.9	-21.3	0	57.93	-	-	74	-16.07	-	-	277	187	V
* 11.16	30.56	ADR	37.9	-21.2	0	47.26	54	-6.74	-	-	-	-	277	187	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

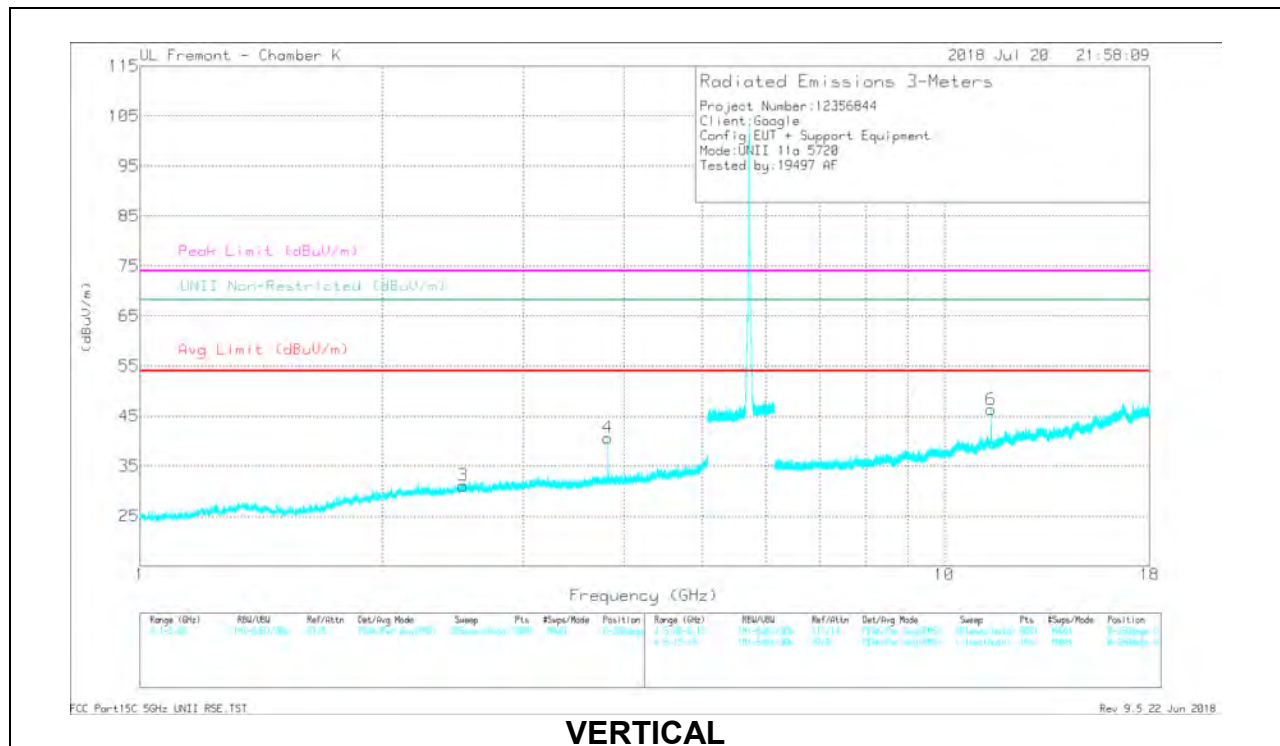
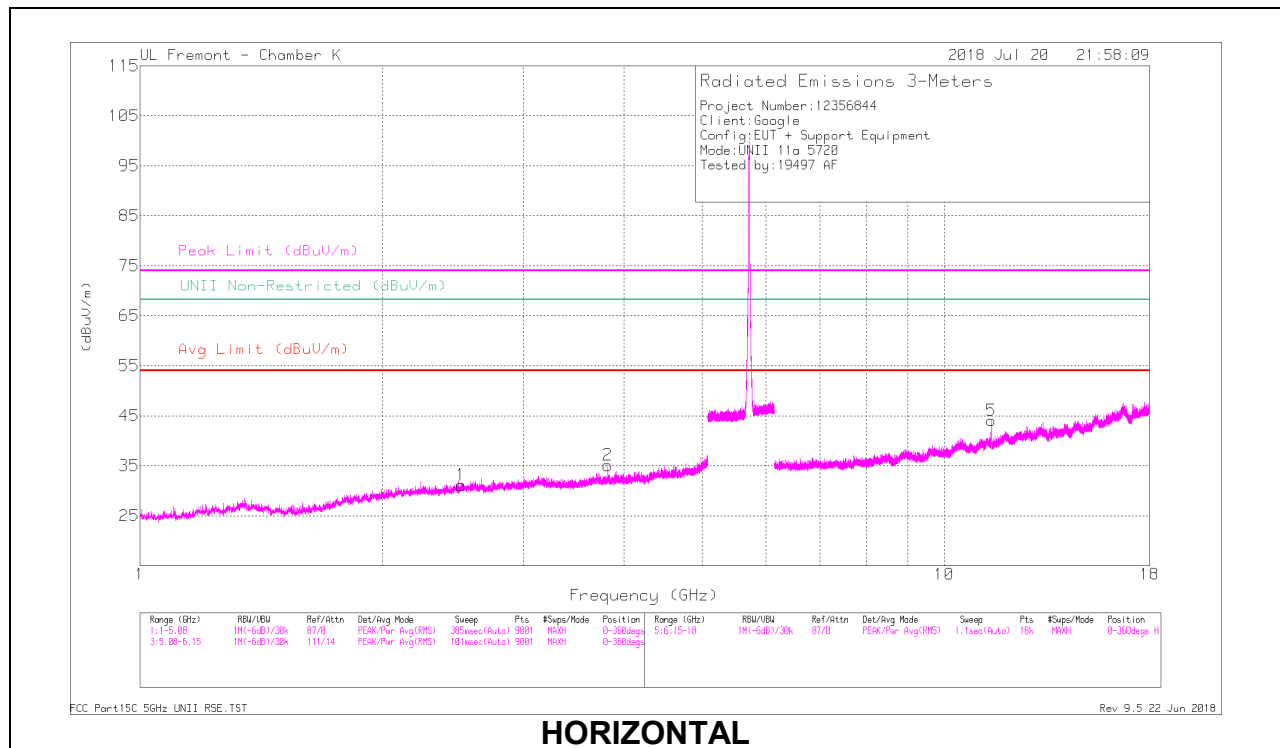


RADIATED EMISSIONS

Frequency(G Hz)	MeterReading (dBuV)	Det	AF T344 (dBm)	Amp/Cable/Fit/ Pad (dB)	DC Corr (dB)	CorrectedRas (dBuV/m)	Avg Limit (dBuV/m)	Margin(dB)	Peak Limit (dBuV/m)	PK Margin(dB)	UNII Non-Restricted (dBuV/m)	PK Margin(dB)	Acimuth(Deg a)	Height(cm)	Polarity
2.048	41.1	PK-U	31.2	-35.1	0	37.2	-	-	-	-	68.2	-31	43	307	H
2.047	31.5	ADR	31.2	-35.1	0	27.6	-	-	-	-	-	-	43	307	H
* 3.8	39.3	PK-U	33.4	-31.8	0	40.9	-	-	74	-33.1	-	-	151	122	H
* 3.8	31.82	ADR	33.4	-31.8	0	33.42	54	-20.58	-	-	-	-	151	122	H
2.064	41.52	PK-U	31.3	-35.2	0	37.62	-	-	-	-	68.2	-30.58	333	369	V
2.065	31.4	ADR	31.3	-35.2	0	27.5	-	-	-	-	-	-	333	369	V
* 3.8	42.17	PK-U	33.4	-31.8	0	43.77	-	-	74	-30.23	-	-	191	110	V
* 3.8	37.17	ADR	33.4	-31.8	0	38.77	54	-15.23	-	-	-	-	191	110	V
* 11.398	35.77	PK-U	38	-21.1	0	42.67	-	-	74	-21.33	-	-	273	177	H
* 11.396	24.77	ADR	38	-21.1	0	41.67	54	-12.33	-	-	-	-	273	177	H
* 11.396	35.02	PK-U	38	-21.1	0	51.92	-	-	74	-22.08	-	-	228	183	V
* 11.396	25.77	ADR	38	-21.1	0	42.67	54	-11.33	-	-	-	-	228	183	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 144 RESULTS



RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Chf/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
2.506	41.36	PK-U	32.3	-35	0	38.66	-	-	-	-	68.2	-29.54	195	274	H
2.505	31.89	ADR	32.3	-35	0	29.19	-	-	-	-	-	-	195	274	H
* 3.813	40.3	PK-U	33.4	-31.8	0	41.9	-	-	74	-32.1	-	-	162	163	H
* 3.813	32.25	ADR	33.4	-31.8	0	33.85	54	-20.15	-	-	-	-	162	163	H
2.522	41.8	PK-U	32.3	-35	0	39.1	-	-	-	-	68.2	-29.1	7	144	V
2.522	31.48	ADR	32.3	-35	0	28.78	-	-	-	-	-	-	7	144	V
* 3.813	40.67	PK-U	33.4	-31.8	0	42.47	-	-	74	-31.53	-	-	224	158	V
* 3.813	35.67	ADR	33.4	-31.8	0	37.27	54	-16.73	-	-	-	-	224	158	V
* 11.438	34.52	PK-U	38.1	-20.8	0	51.82	-	-	74	-22.18	-	-	137	195	H
* 11.44	25.59	ADR	38.1	-20.8	0	42.89	54	-11.11	-	-	-	-	137	195	H
* 11.436	37.63	PK-U	38.1	-20.8	0	54.93	-	-	74	-19.07	-	-	276	192	V
* 11.437	27.43	ADR	38.1	-20.8	0	44.73	54	-9.27	-	-	-	-	276	192	V

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

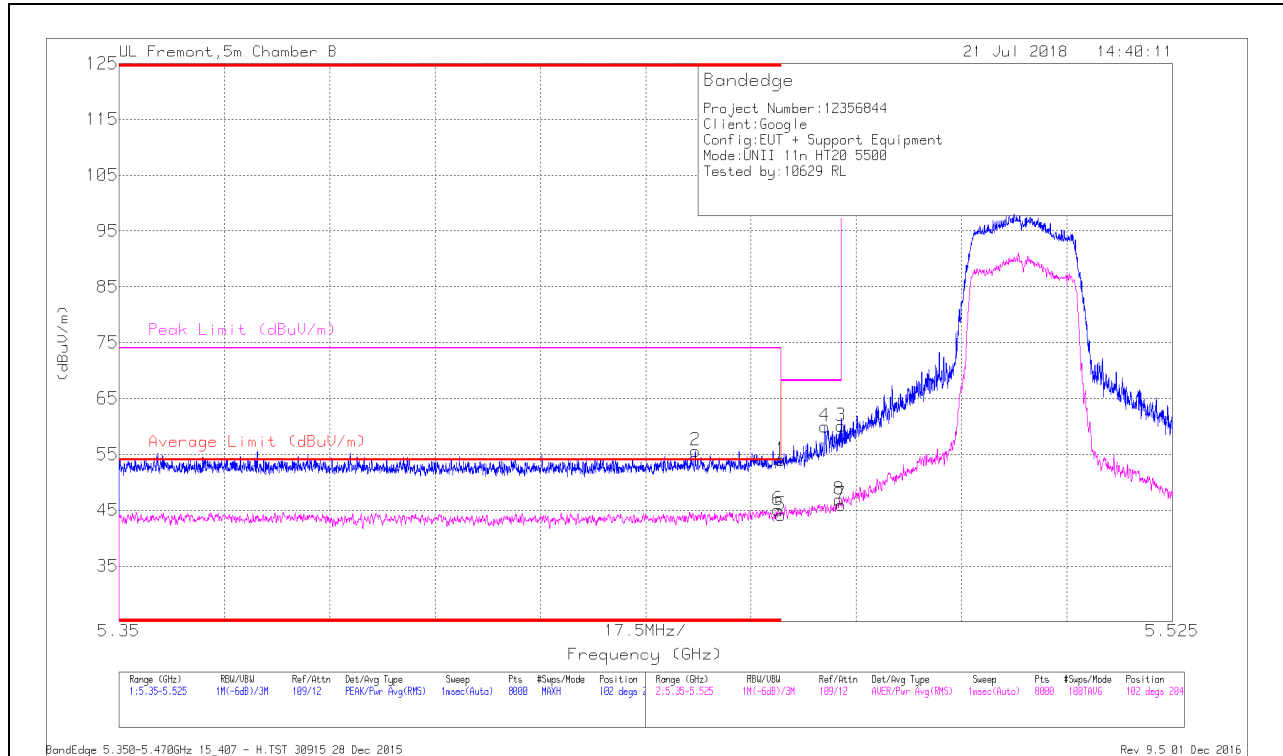
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.1.10. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.6 GHz BAND

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



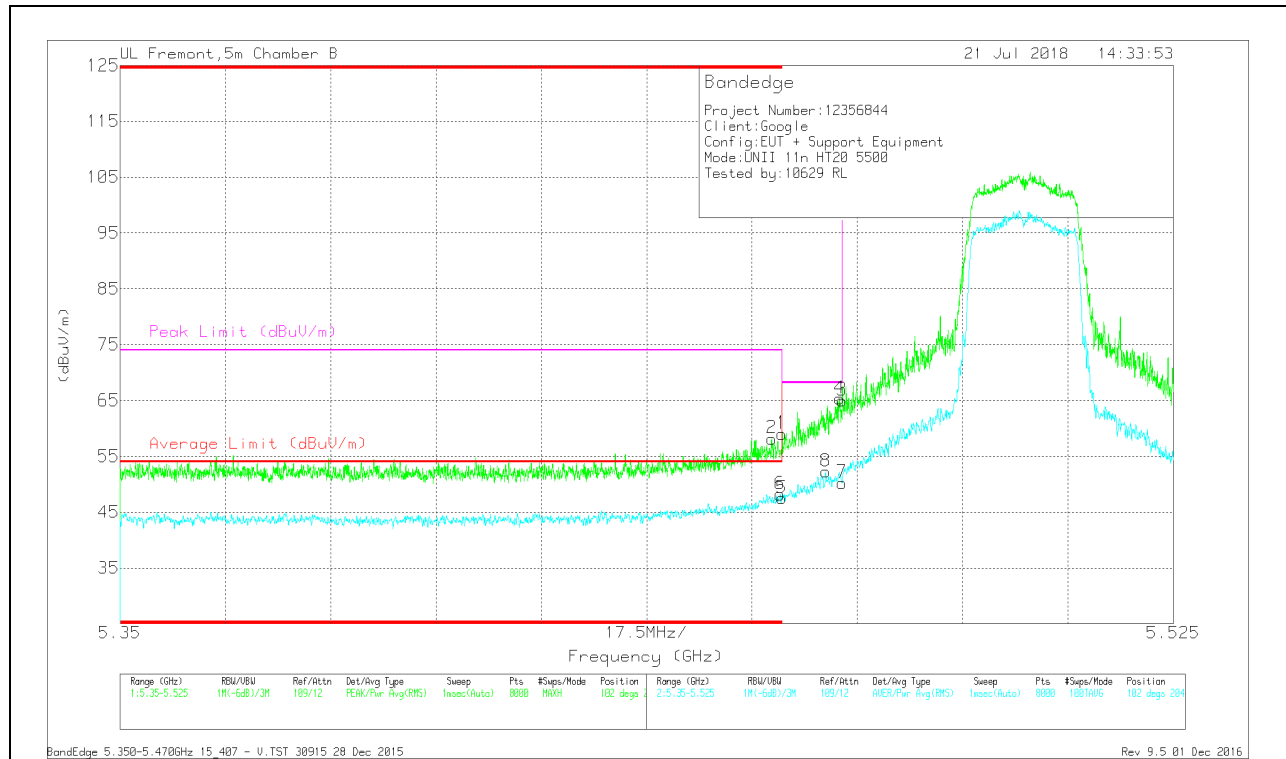
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.446	39.84	Pk	35.2	-19.4	55.64	-	-	74	-18.36	102	204	H
6	* 5.459	29.39	RMS	35.3	-19.6	45.09	54	-8.91	-	-	102	204	H
1	* 5.46	38.31	Pk	35.3	-19.6	54.01	-	-	74	-19.99	102	204	H
5	* 5.46	28.42	RMS	35.3	-19.6	44.12	54	-9.88	-	-	102	204	H
4	5.467	44.23	Pk	35.3	-19.5	60.03	-	-	68.2	-8.17	102	204	H
3	5.47	44.38	Pk	35.3	-19.6	60.08	-	-	68.2	-8.12	102	204	H
7	5.47	30.29	RMS	35.3	-19.6	45.99	-	-	-	-	102	204	H
8	5.47	31.28	RMS	35.3	-19.7	46.88	-	-	-	-	102	204	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

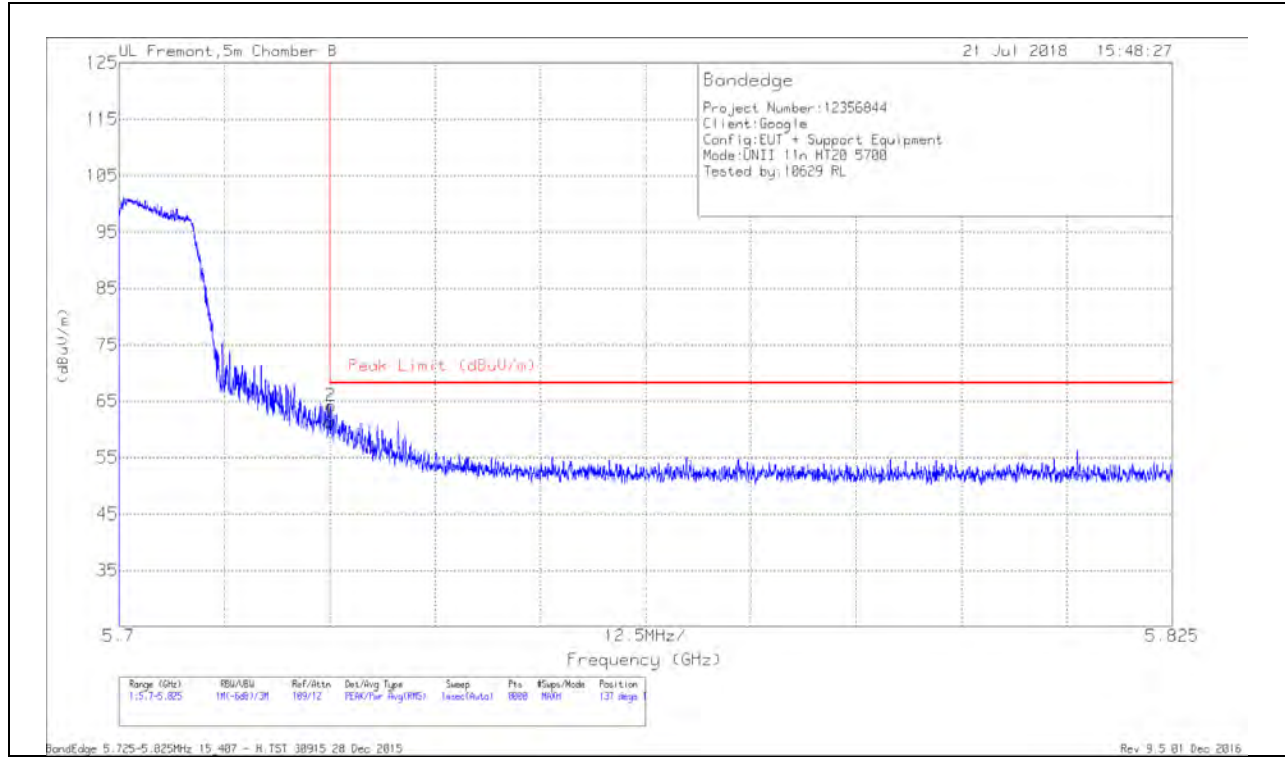


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.458	42.51	Pk	35.3	-19.6	58.21	-	-	74	-15.79	102	204	V
1	* 5.46	43.34	Pk	35.3	-19.6	59.04	-	-	74	-14.96	102	204	V
5	* 5.46	31.8	RMS	35.3	-19.6	47.5	54	-6.5	-	-	102	204	V
6	* 5.46	32.51	RMS	35.3	-19.6	48.21	54	-5.79	-	-	102	204	V
8	5.467	36.48	RMS	35.3	-19.5	52.28	-	-	-	-	102	204	V
3	5.47	49.32	Pk	35.3	-19.6	65.02	-	-	68.2	-3.18	102	204	V
4	5.47	49.75	Pk	35.3	-19.7	65.35	-	-	68.2	-2.85	102	204	V
7	5.47	34.54	RMS	35.3	-19.6	50.24	-	-	-	-	102	204	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

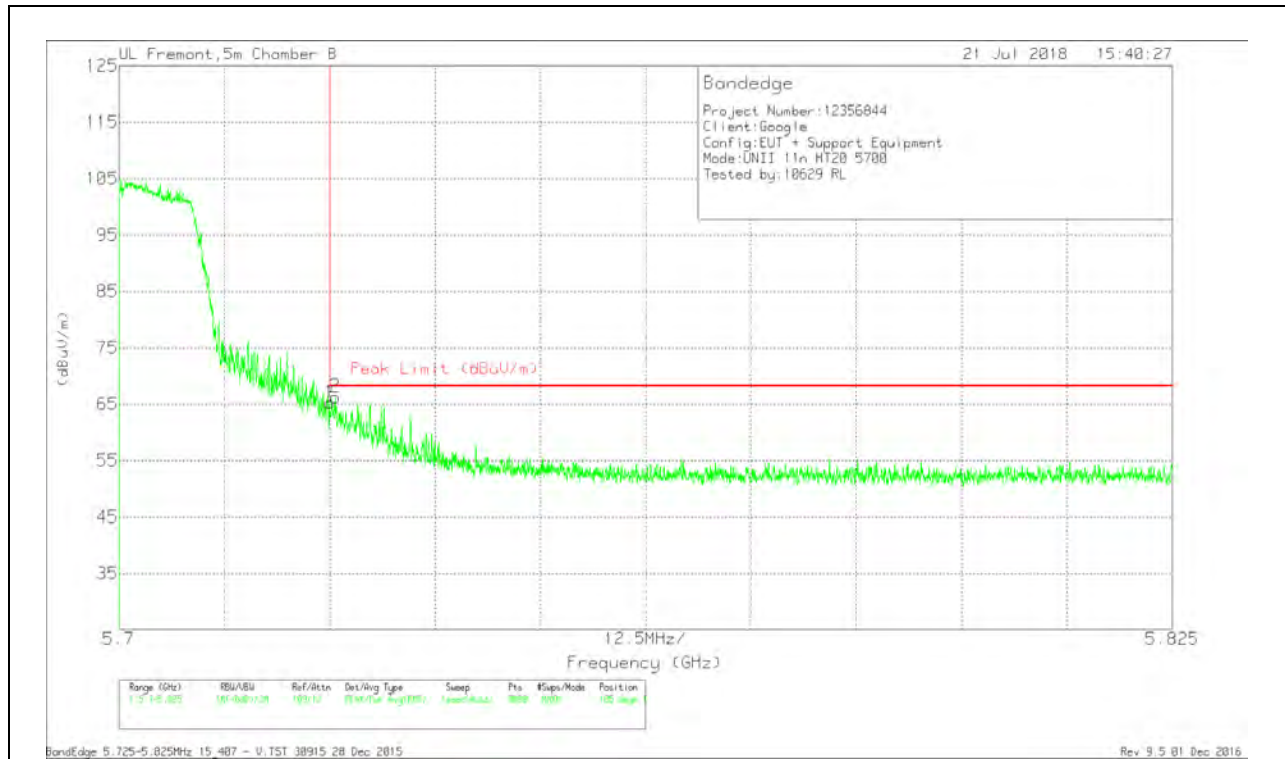
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	45.89	Pk	35.5	-20	61.39	68.2	-6.81	137	179	H
2	5.725	48.67	Pk	35.5	-20	64.17	68.2	-4.03	137	179	H

Pk - Peak detector

VERTICAL RESULT

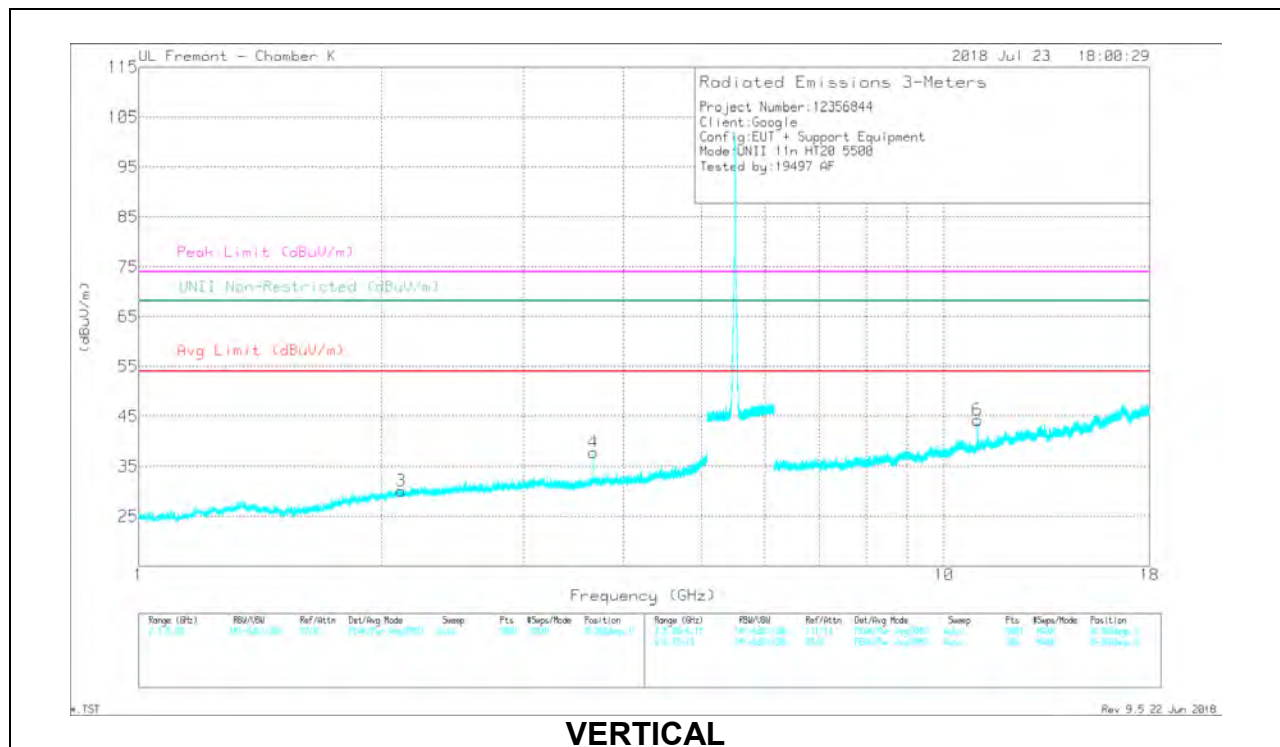
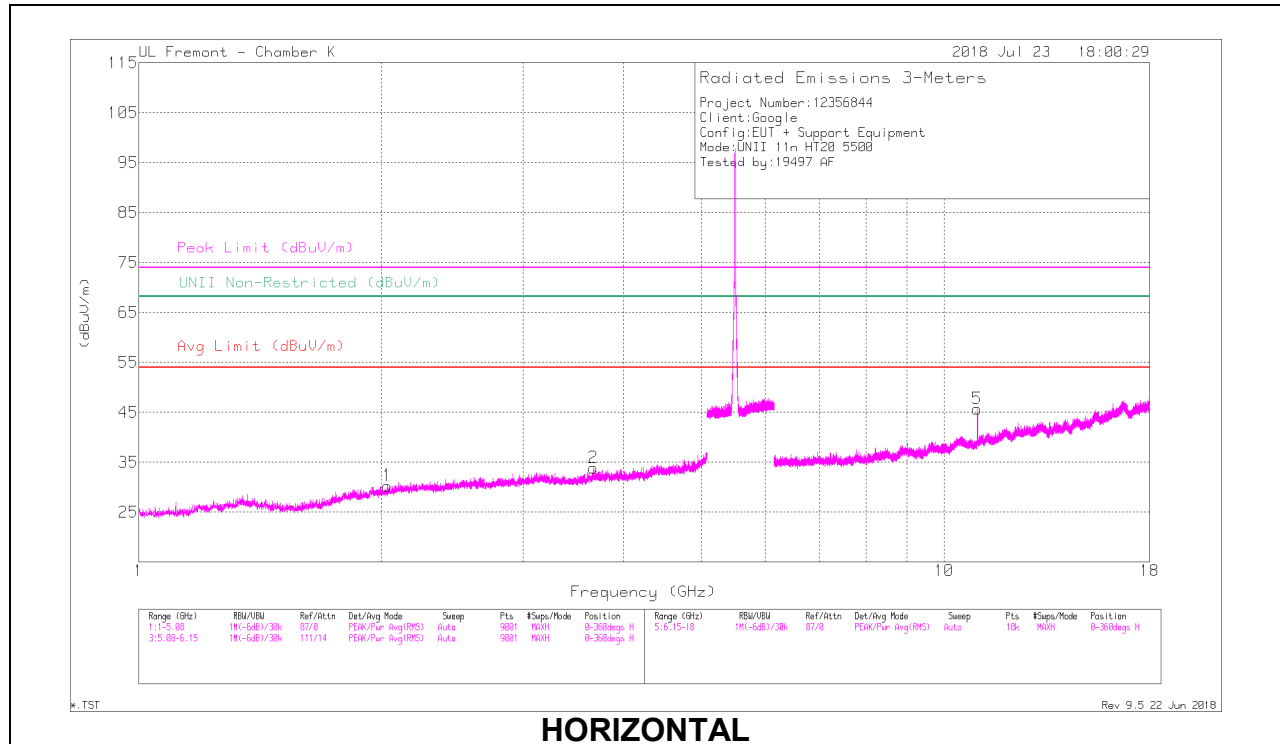


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	49.77	Pk	35.5	-20	65.27	68.2	-2.93	105	190	V
2	5.726	50.88	Pk	35.5	-20.1	66.28	68.2	-1.92	105	190	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

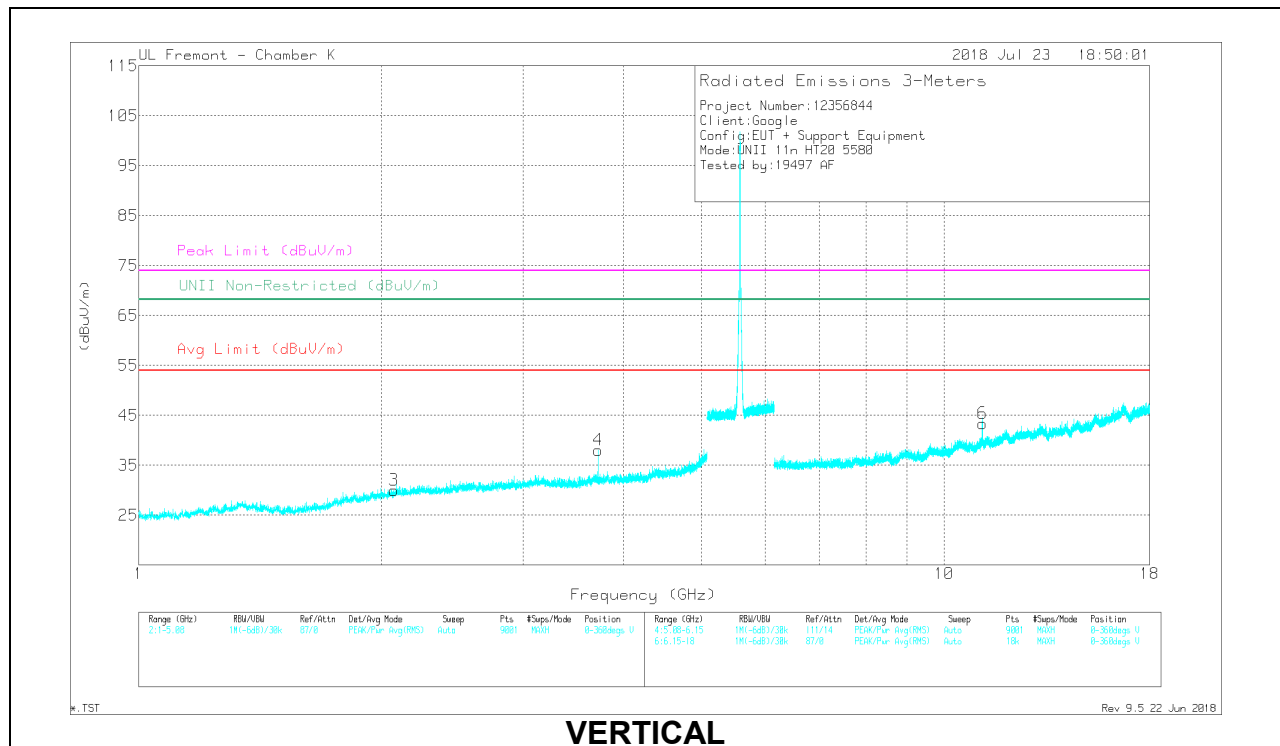
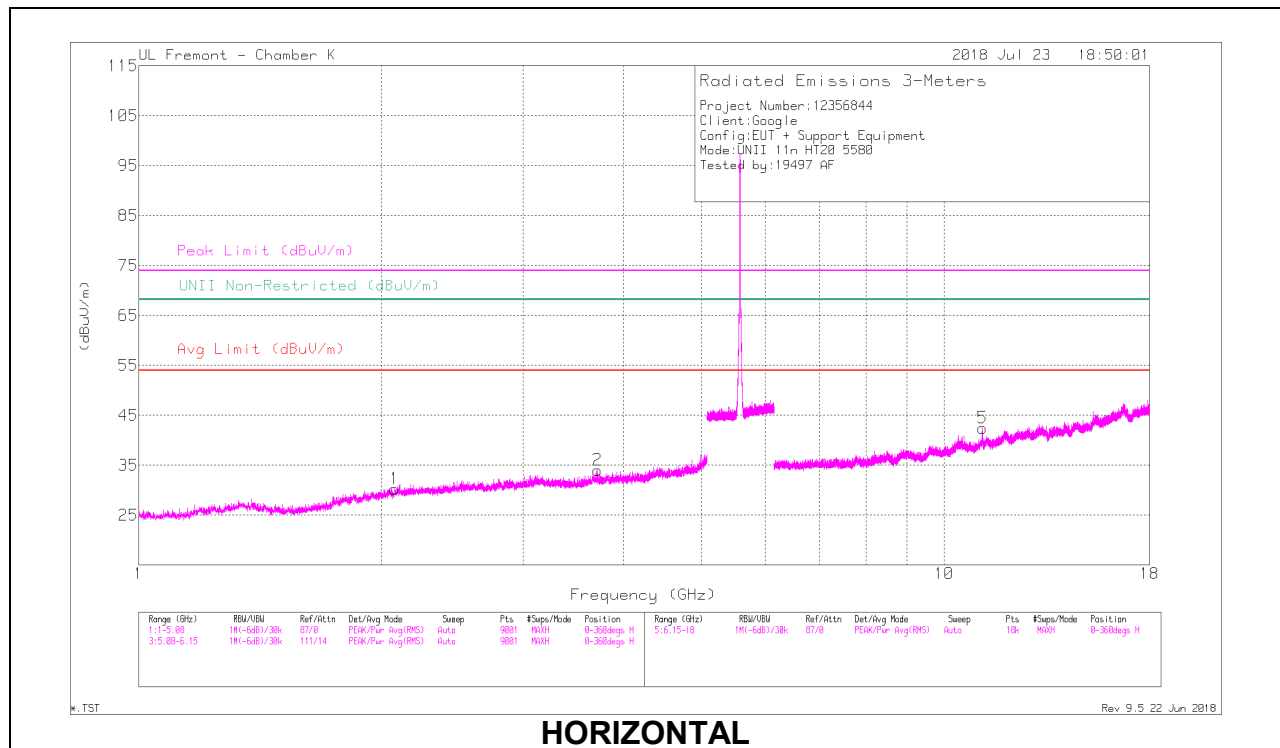
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cable/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.035	40.8	PK-U	31.2	-35.1	0	36.9	-	-	-	-	68.2	-31.3	352	331	H
2.037	31.63	ADR	31.2	-35.1	0	27.73	-	-	-	-	-	-	352	331	H
* 3.667	40.84	PK-U	33	-32.3	0	41.54	-	-	74	-32.46	-	-	120	113	H
* 3.667	32.74	ADR	33	-32.3	0	33.44	54	-20.56	-	-	-	-	120	113	H
2.115	41.89	PK-U	31.6	-35.1	0	38.39	-	-	-	-	68.2	-29.81	209	267	V
2.118	31.79	ADR	31.6	-35.2	0	28.19	-	-	-	-	-	-	209	267	V
* 3.667	42.06	PK-U	33	-32.3	0	42.76	-	-	74	-31.24	-	-	188	118	V
* 3.667	36.45	ADR	33	-32.3	0	37.15	54	-16.85	-	-	-	-	188	118	V
* 11	39.2	PK-U	37.9	-22.1	0	55	-	-	74	-19	-	-	195	299	H
* 11.001	27.95	ADR	37.9	-22.1	0	43.75	54	-10.25	-	-	-	-	195	299	H
* 11.003	39.45	PK-U	37.9	-22	0	55.35	-	-	74	-18.65	-	-	279	354	V
* 11.003	28.95	ADR	37.9	-22	0	44.85	54	-9.15	-	-	-	-	279	354	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

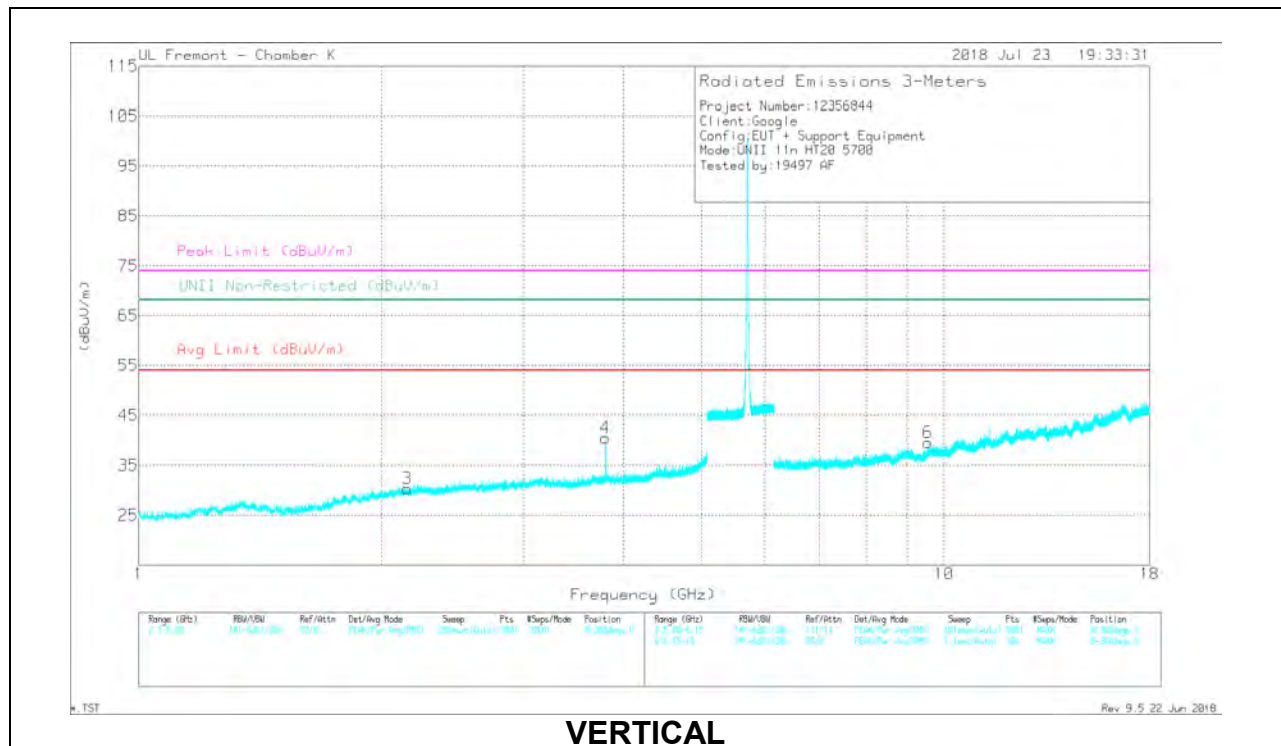
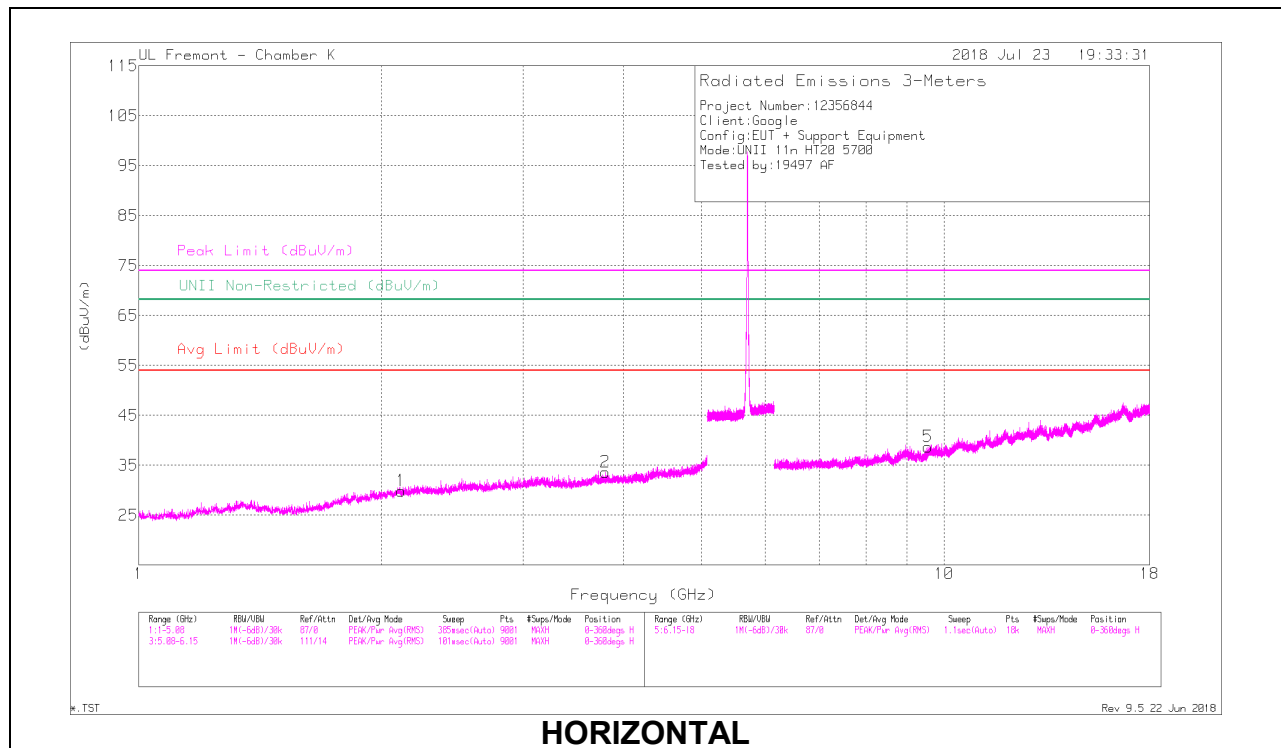
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Chf/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.078	41.5	PK-U	31.4	-35.2	0	37.7	-	-	-	-	68.2	-30.5	14	225	H
2.077	31.12	ADR	31.4	-35.2	0	27.32	-	-	-	-	-	-	14	225	H
* 3.715	38.3	PK-U	33.2	-32	0	39.5	-	-	74	-34.5	-	-	234	378	H
* 3.715	28.79	ADR	33.2	-32	0	29.99	54	-24.01	-	-	-	-	234	378	H
2.074	40.41	PK-U	31.4	-35.2	0	36.61	-	-	-	-	68.2	-31.59	166	350	V
2.072	31.37	ADR	31.4	-35.2	0	27.57	-	-	-	-	-	-	166	350	V
* 3.72	41.69	PK-U	33.2	-32	0	42.89	-	-	74	-31.11	-	-	190	133	V
* 3.72	35.23	ADR	33.2	-32	0	36.43	54	-17.57	-	-	-	-	190	133	V
* 11.161	35.75	PK-U	37.9	-21.2	0	52.45	-	-	74	-21.55	-	-	269	145	H
* 11.161	25.2	ADR	37.9	-21.2	0	41.9	54	-12.1	-	-	-	-	269	145	H
* 11.168	38.3	PK-U	37.9	-21.3	0	54.9	-	-	74	-19.1	-	-	276	180	V
* 11.168	27.7	ADR	37.9	-21.3	0	44.3	54	-9.7	-	-	-	-	276	180	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

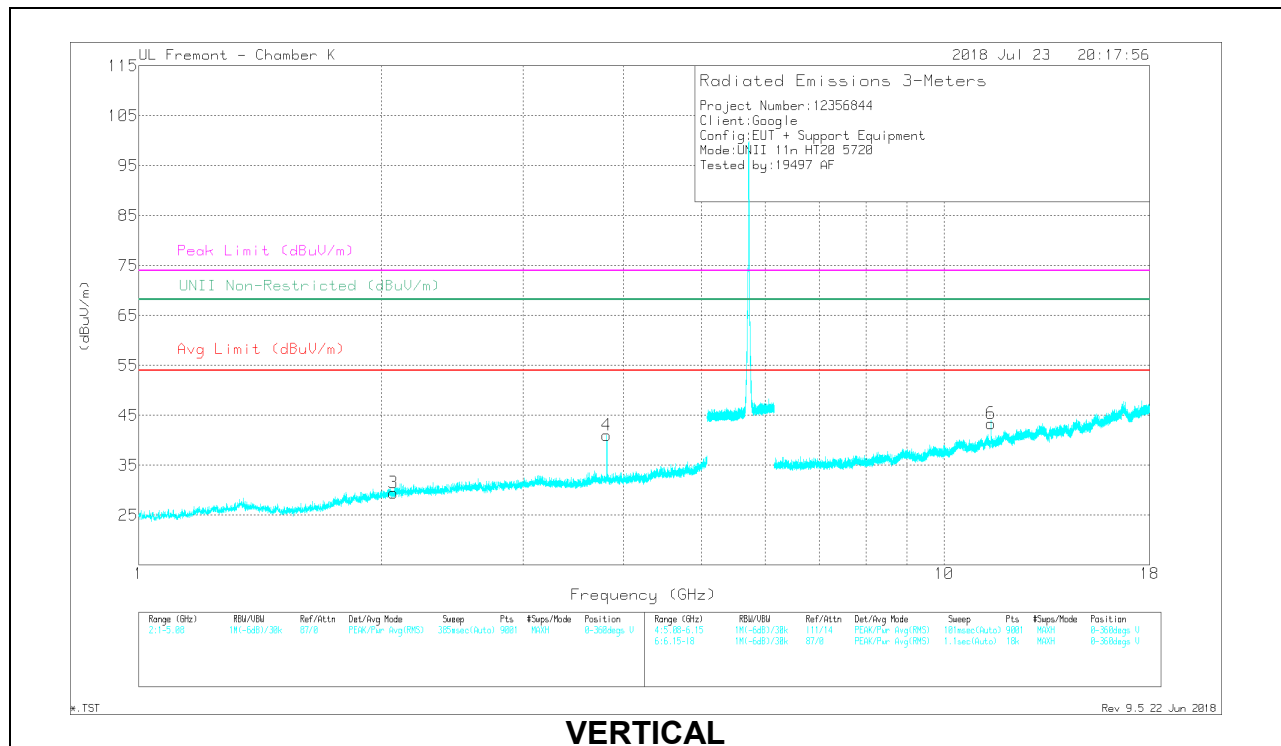
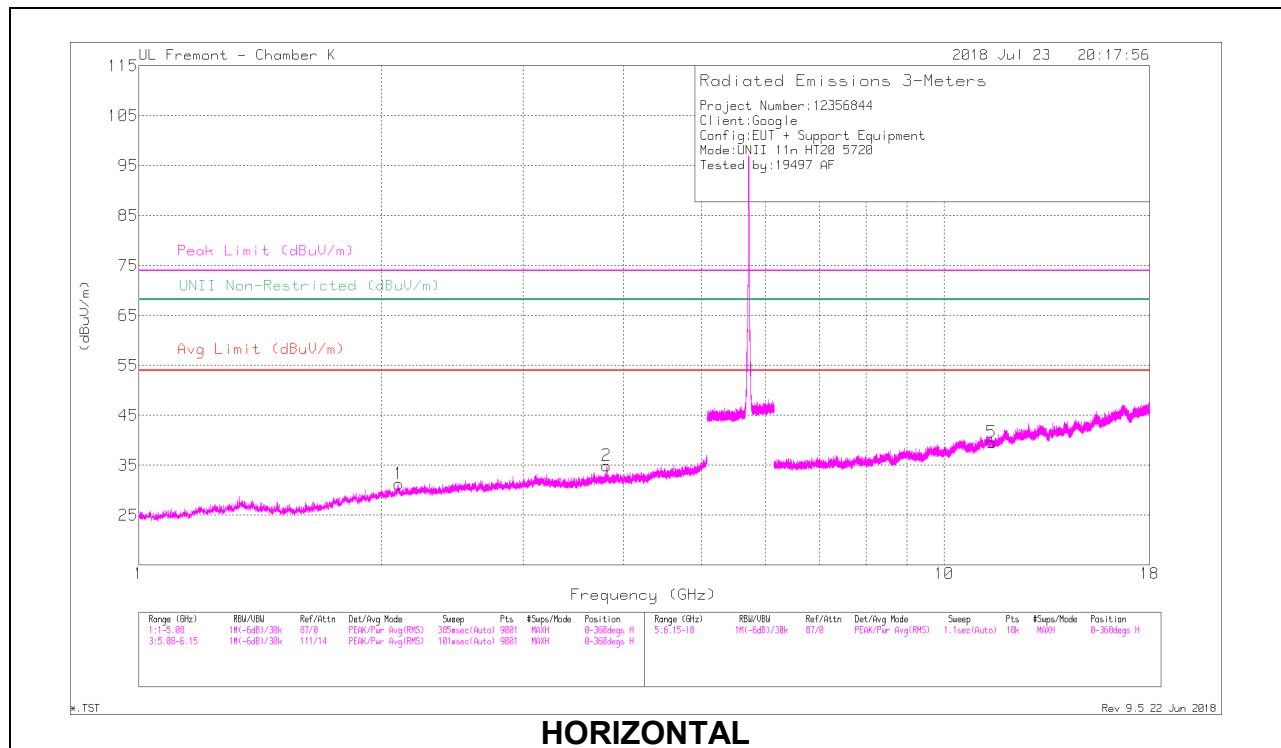
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Ctrl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.121	40.66	PK-U	31.6	-35.2	0	37.06	-	-	-	-	68.2	-31.14	171	391	H
2.12	31.28	ADR	31.6	-35.2	0	27.68	-	-	-	-	-	-	171	391	H
* 3.8	39.25	PK-U	33.4	-31.8	0	40.85	-	-	74	-33.15	-	-	238	112	H
* 3.8	31.9	ADR	33.4	-31.8	0	33.5	54	-20.5	-	-	-	-	238	112	H
2.155	41.2	PK-U	31.6	-35.1	0	37.7	-	-	-	-	68.2	-30.5	230	315	V
2.155	31.74	ADR	31.6	-35.1	0	28.24	-	-	-	-	-	-	230	315	V
* 3.8	43.46	PK-U	33.4	-31.8	0	45.06	-	-	74	-28.94	-	-	195	109	V
* 3.8	37.38	ADR	33.4	-31.8	0	38.98	54	-15.02	-	-	-	-	195	109	V
9.55	32.28	PK-U	36.7	-23.7	0	45.28	-	-	-	-	68.2	-22.92	99	352	H
9.552	22.57	ADR	36.7	-23.7	0	35.57	-	-	-	-	-	-	99	352	H
9.547	32.75	PK-U	36.7	-23.7	0	45.75	-	-	-	-	68.2	-22.45	5	183	V
9.547	22.89	ADR	36.7	-23.7	0	35.89	-	-	-	-	-	-	5	183	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 144 RESULTS



RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Chf/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
2.103	41.37	PK-U	31.6	-35.1	0	37.87	-	-	-	-	68.2	-30.33	309	391	H
2.103	31.6	ADR	31.6	-35.1	0	28.1	-	-	-	-	-	-	309	391	H
* 3.813	40.48	PK-U	33.4	-31.8	0	42.08	-	-	74	-31.92	-	-	166	237	H
* 3.813	34.3	ADR	33.4	-31.8	0	35.9	54	-18.1	-	-	-	-	166	237	H
2.073	41.96	PK-U	31.4	-35.2	0	38.16	-	-	-	-	68.2	-30.04	88	233	V
2.071	31.68	ADR	31.4	-35.2	0	27.88	-	-	-	-	-	-	88	233	V
* 3.813	42.2	PK-U	33.4	-31.8	0	43.9	-	-	74	-30.2	-	-	209	102	V
* 3.813	37.5	ADR	33.4	-31.8	0	39.1	54	-14.9	-	-	-	-	209	102	V
* 11.46	30.49	PK-U	38.1	-20.9	0	47.69	-	-	74	-26.31	-	-	306	145	H
* 11.459	20.41	ADR	38.1	-20.9	0	37.61	54	-16.39	-	-	-	-	306	145	H
* 11.439	35.93	PK-U	38.1	-20.8	0	53.23	-	-	74	-20.77	-	-	289	193	V
* 11.439	25	ADR	38.1	-20.8	0	42.3	54	-11.7	-	-	-	-	289	193	V

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

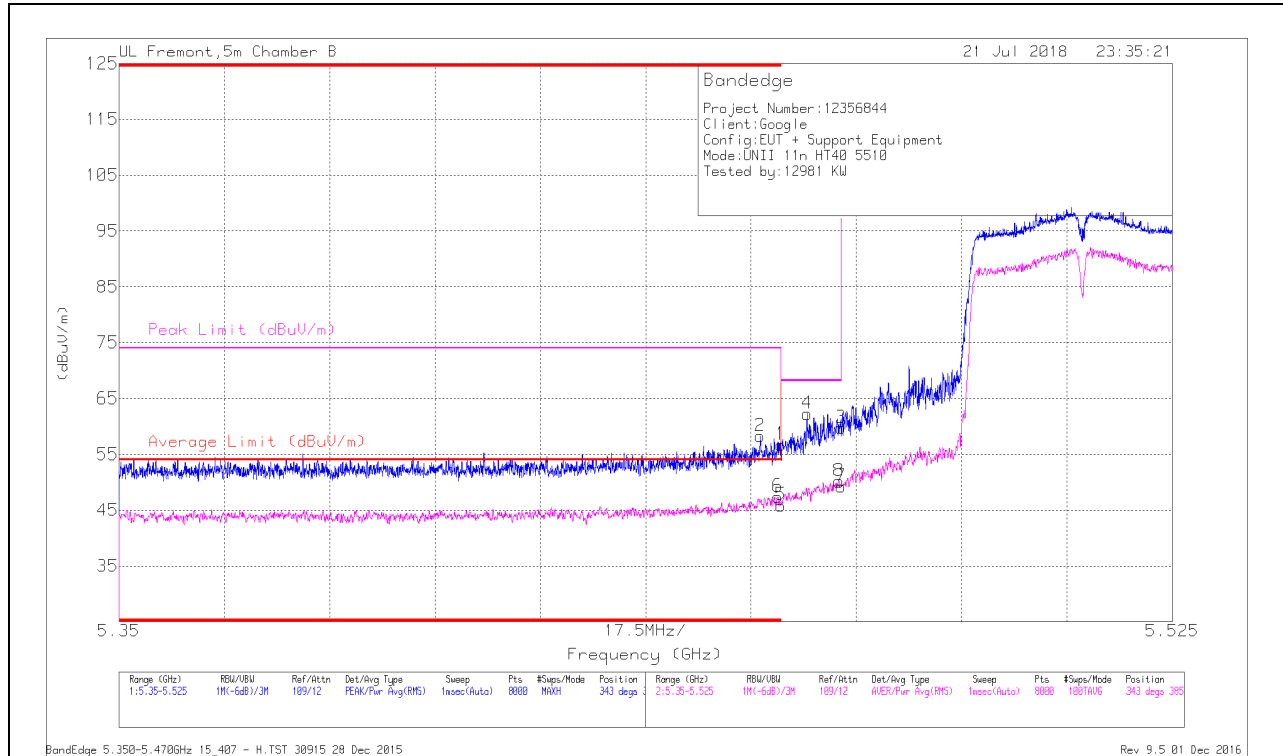
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



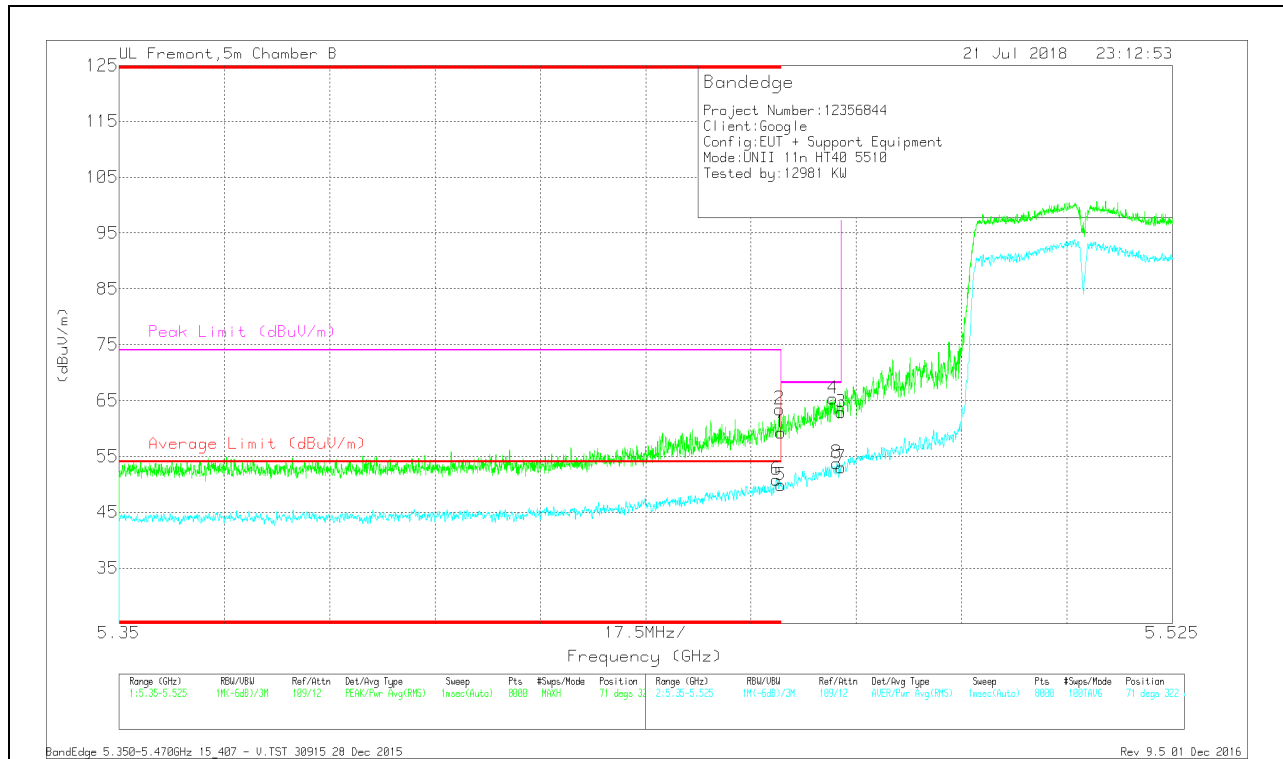
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Dege)	Height (cm)	Polarity
2	* 5.457	42.44	Pk	35.3	-19.5	0	58.24	-	-	74	-15.76	343	385	H
6	* 5.459	31.61	RMS	35.3	-19.6	.1	47.41	54	-6.59	-	-	343	385	H
1	* 5.46	41.03	Pk	35.3	-19.6	0	56.73	-	-	74	-17.27	343	385	H
5	* 5.46	30.07	RMS	35.3	-19.6	.1	45.87	54	-8.13	-	-	343	385	H
4	5.464	46.66	Pk	35.3	-19.7	0	62.26	-	-	68.2	-5.94	343	385	H
3	5.47	44.04	Pk	35.3	-19.6	0	59.74	-	-	68.2	-8.46	343	385	H
7	5.47	33.41	RMS	35.3	-19.6	.1	49.21	-	-	-	-	343	385	H
8	5.47	34.46	RMS	35.3	-19.7	.1	50.16	-	-	-	-	343	385	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 T663 (dBm)	Amp/Cbl/Fitr/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
6	* 5.459	34.99	RMS	35.3	-19.6	.1	50.79	54	-3.21	-	-	71	322	V
1	* 5.46	43.54	Pk	35.3	-19.6	0	59.24	-	-	74	-14.76	71	322	V
2	* 5.46	47.73	Pk	35.3	-19.6	0	63.43	-	-	74	-10.57	71	322	V
5	* 5.46	34.02	RMS	35.3	-19.6	.1	49.82	54	-4.18	-	-	71	322	V
4	5.469	49.62	Pk	35.3	-19.6	0	65.32	-	-	68.2	-2.88	71	322	V
8	5.469	38.09	RMS	35.3	-19.7	.1	53.79	-	-	-	-	71	322	V
3	5.47	47.2	Pk	35.3	-19.6	0	62.9	-	-	68.2	-5.3	71	322	V
7	5.47	37.18	RMS	35.3	-19.6	.1	52.98	-	-	-	-	71	322	V

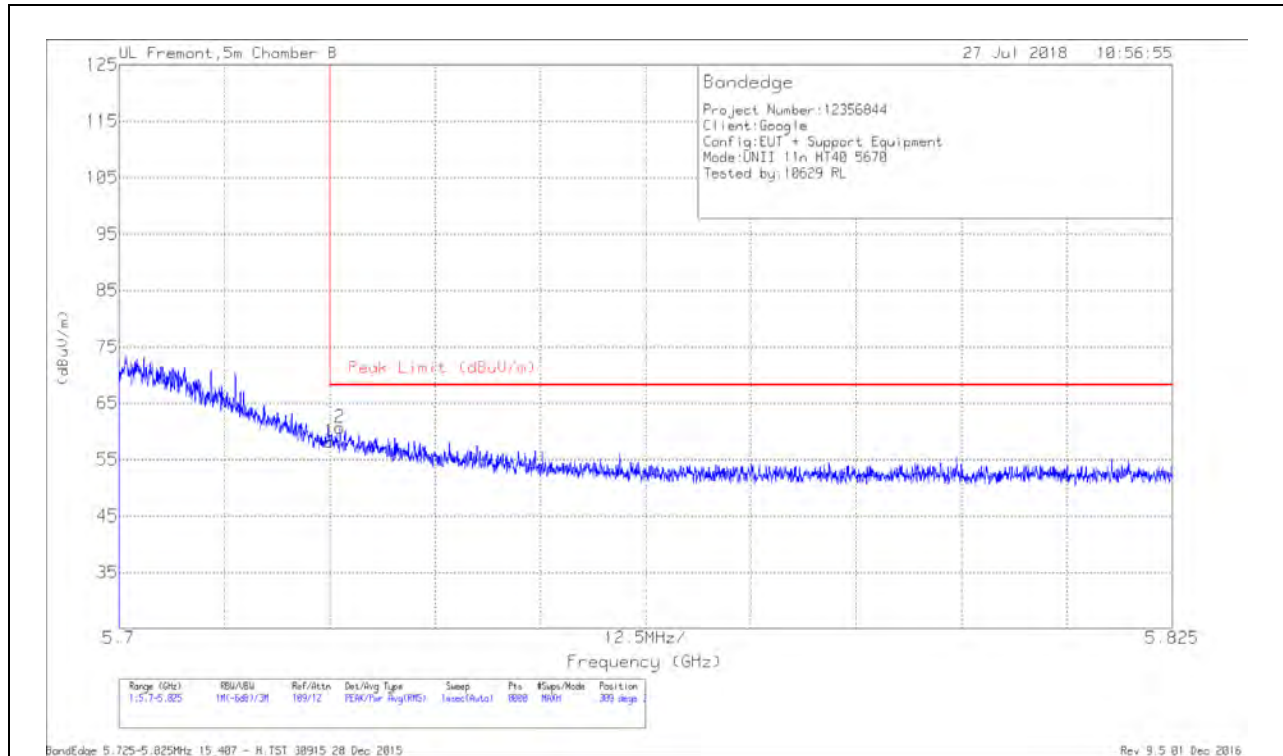
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

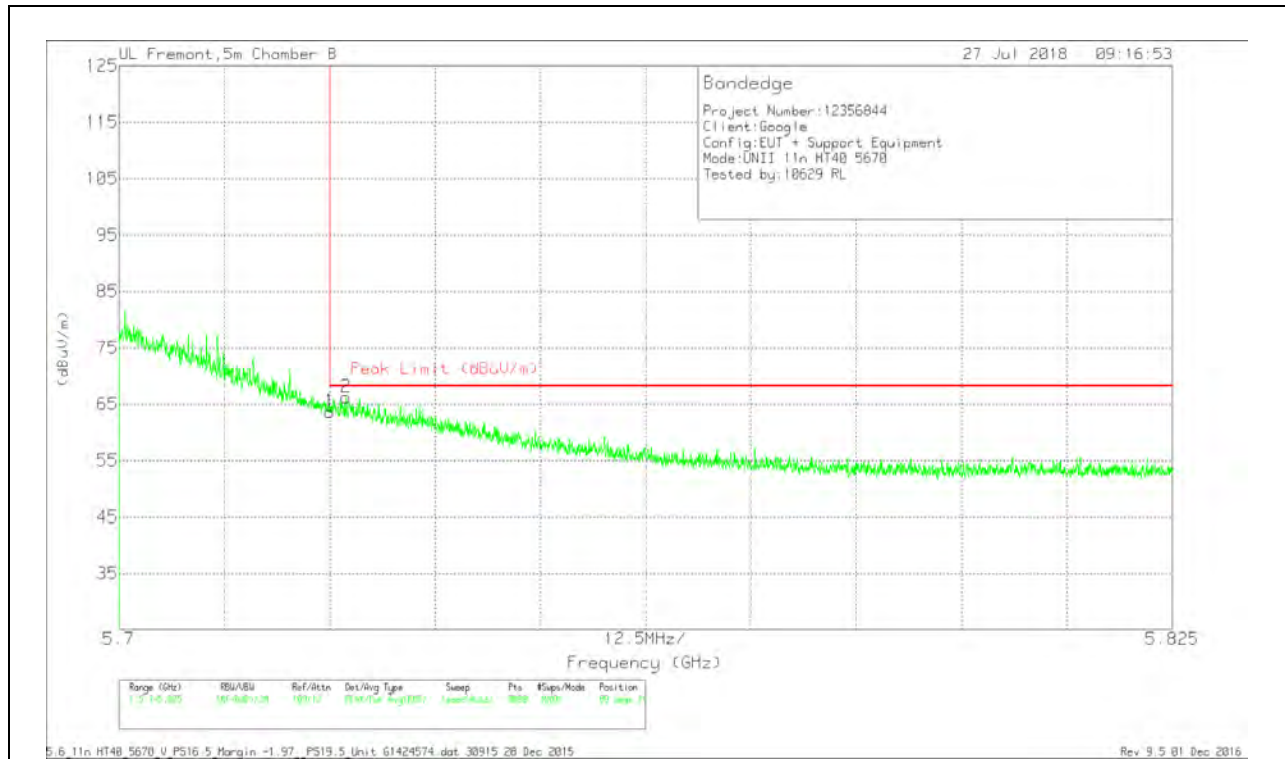
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.63	Pk	35.5	-20	0	58.13	68.2	-10.07	309	393	H
2	5.726	45.27	Pk	35.5	-20.1	0	60.67	68.2	-7.53	309	393	H

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

VERTICAL RESULT

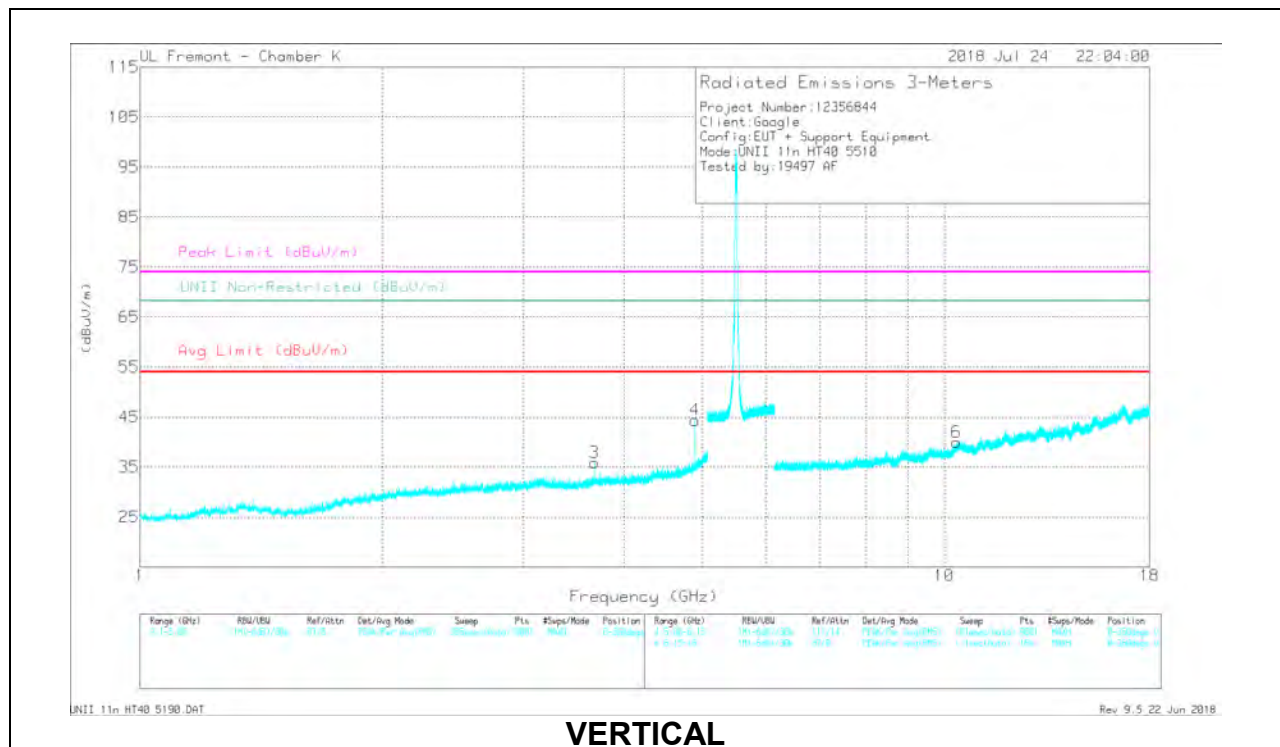
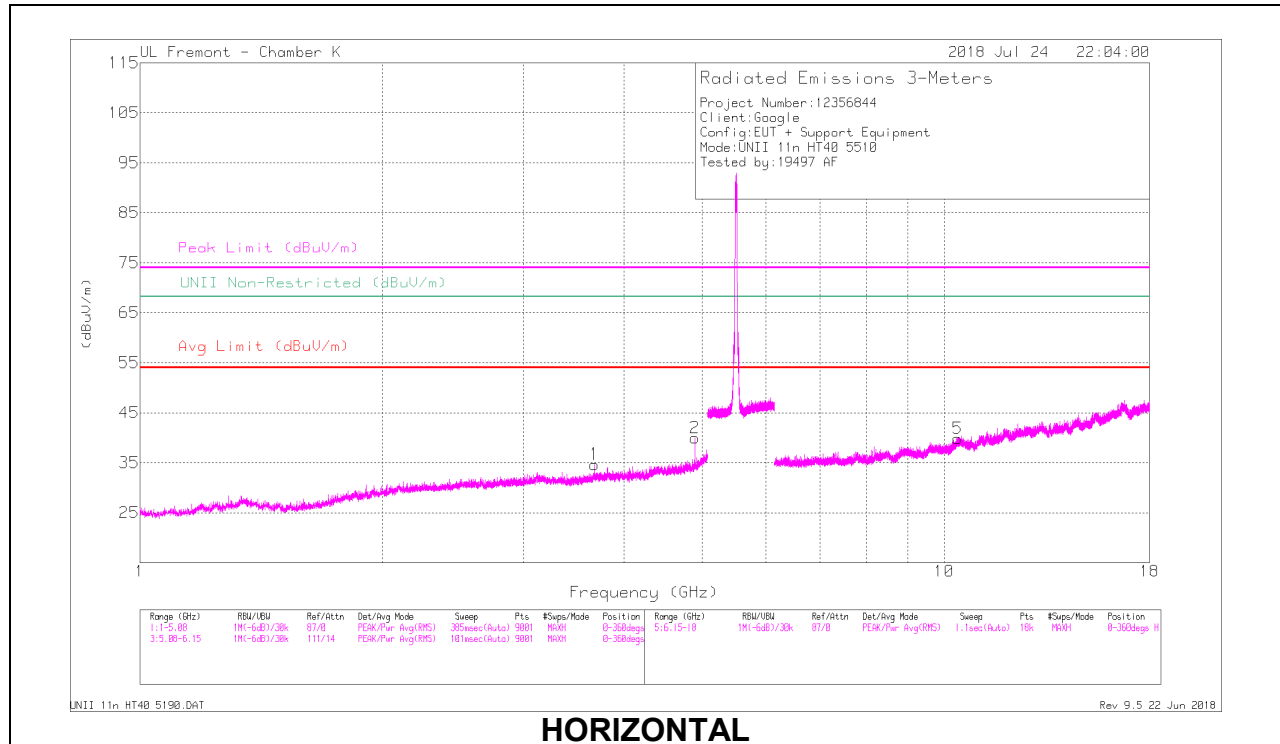


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/CbI/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	48.11	Pk	35.5	-20	0	63.61	68.2	-4.59	89	198	V
2	5.727	50.93	Pk	35.5	-20.2	0	66.23	68.2	-1.97	89	198	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

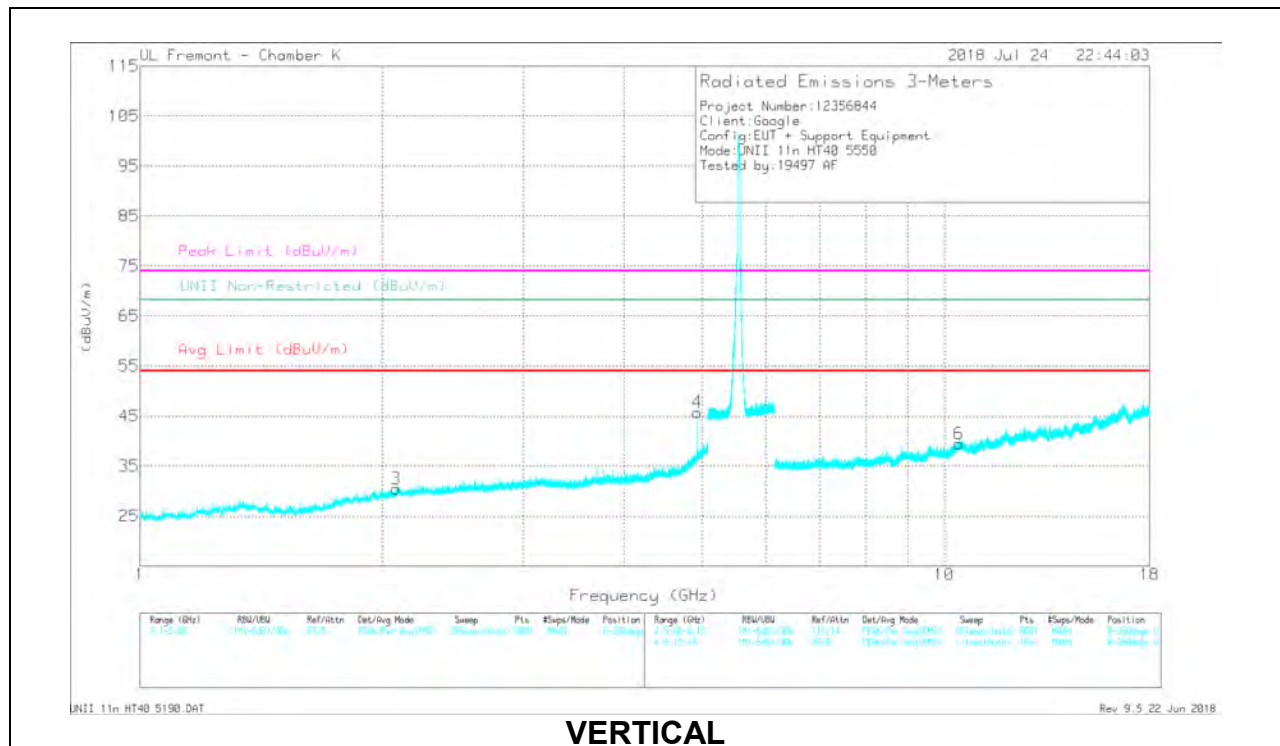
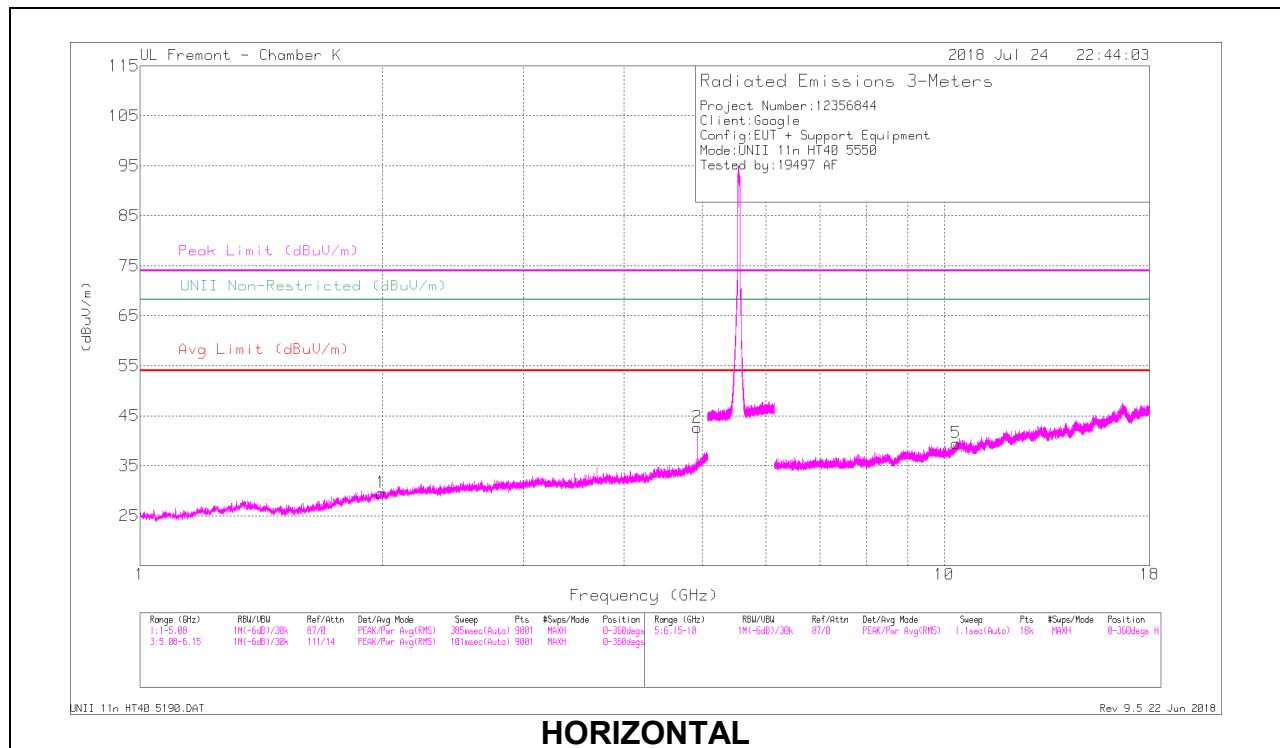
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Chl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unit Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.674	40.8	PK-U	33	-32.3	0	41.5	-	-	74	-32.5	-	-	165	105	H
* 3.673	33.18	ADR	33	-32.3	.1	33.98	54	-20.02	-	-	-	-	165	105	H
* 4.898	41.03	PK-U	34.1	-30	0	45.13	-	-	74	-28.87	-	-	151	157	H
* 4.898	33.84	ADR	34.1	-30	.1	38.04	54	-15.96	-	-	-	-	151	157	H
* 3.674	41.15	PK-U	33	-32.3	0	41.85	-	-	74	-32.15	-	-	168	136	V
* 3.673	35.08	ADR	33	-32.3	.1	35.89	54	-18.11	-	-	-	-	168	136	V
* 4.898	42.38	PK-U	34.1	-30	0	46.48	-	-	74	-27.52	-	-	136	185	V
* 4.898	36.19	ADR	34.1	-30	.1	40.39	54	-13.61	-	-	-	-	136	185	V
10.393	32.67	PK-U	37.4	-23	0	47.07	-	-	-	-	68.2	-21.13	218	303	H
10.395	22.7	ADR	37.4	-22.9	.1	37.3	-	-	-	-	-	-	218	303	H
10.354	32.5	PK-U	37.4	-23.1	0	46.8	-	-	-	-	68.2	-21.4	180	134	V
10.354	23.19	ADR	37.4	-23.1	.1	37.59	-	-	-	-	-	-	180	134	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

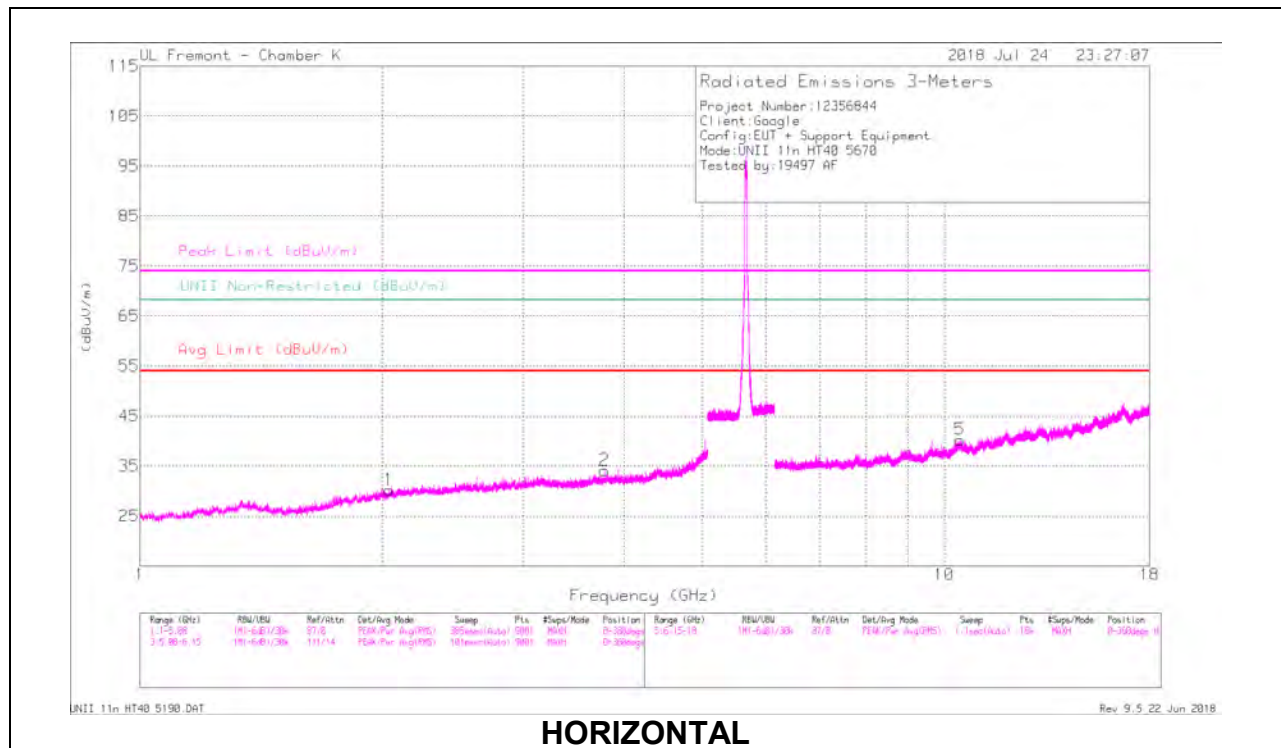
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unit Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.996	41.24	PK-U	31	-35.2	0	37.04	-	-	-	-	68.2	-31.16	7	313	H
1.996	31.41	ADR	31	-35.2	.1	27.31	-	-	-	-	-	-	7	313	H
* 4.933	42.19	PK-U	34.2	-29.9	0	46.49	-	-	74	-27.51	-	-	151	160	H
* 4.933	34.98	ADR	34.2	-29.9	.1	39.38	54	-14.62	-	-	-	-	151	160	H
2.082	41.41	PK-U	31.5	-35.2	0	37.71	-	-	-	-	68.2	-30.49	128	290	V
2.08	31.45	ADR	31.5	-35.2	.1	27.65	-	-	-	-	-	-	128	290	V
* 4.933	45.71	PK-U	34.2	-29.9	0	50.01	-	-	74	-23.99	-	-	210	112	V
* 4.933	39.28	ADR	34.2	-29.9	.1	43.68	54	-10.32	-	-	-	-	210	112	V
10.342	32.59	PK-U	37.4	-23.1	0	46.89	-	-	-	-	68.2	-21.31	144	294	H
10.343	22.88	ADR	37.4	-23.1	.1	37.28	-	-	-	-	-	-	144	294	H
10.43	32.23	PK-U	37.5	-23	0	46.73	-	-	-	-	68.2	-21.47	151	111	V
10.429	22.89	ADR	37.5	-23	.1	37.49	-	-	-	-	-	-	151	111	V

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

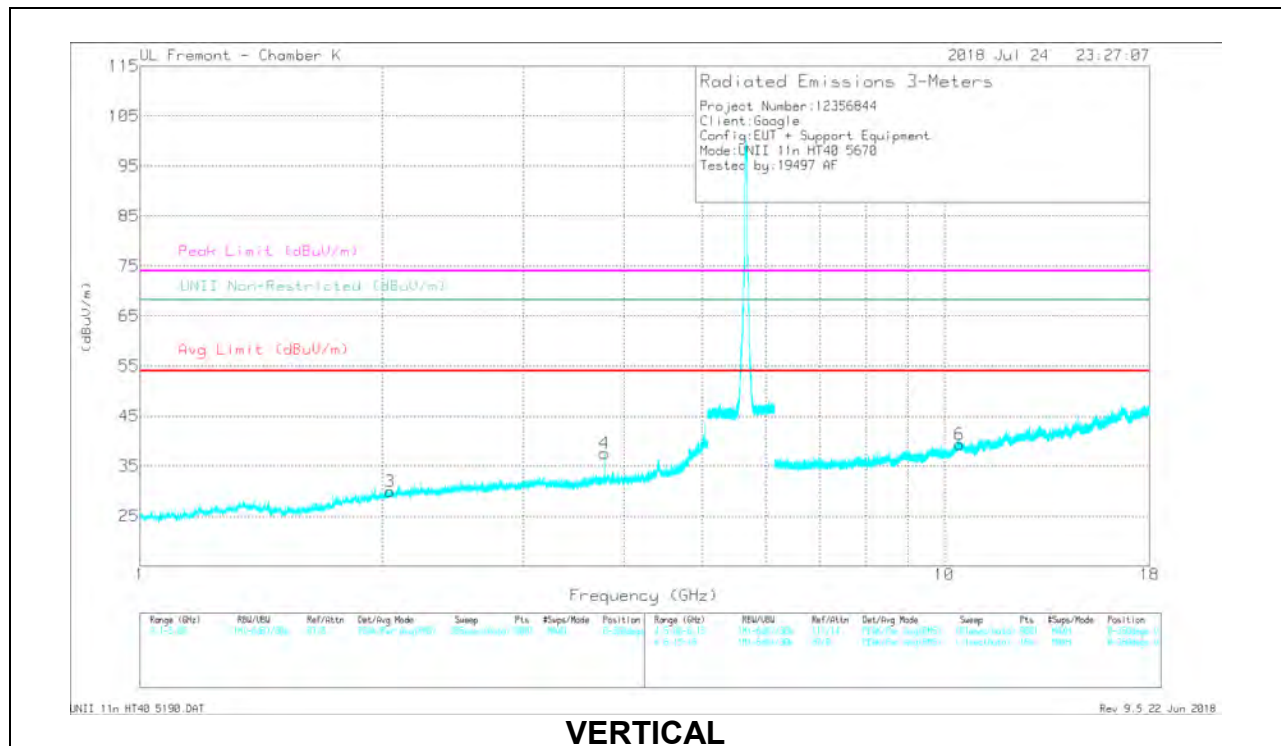
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

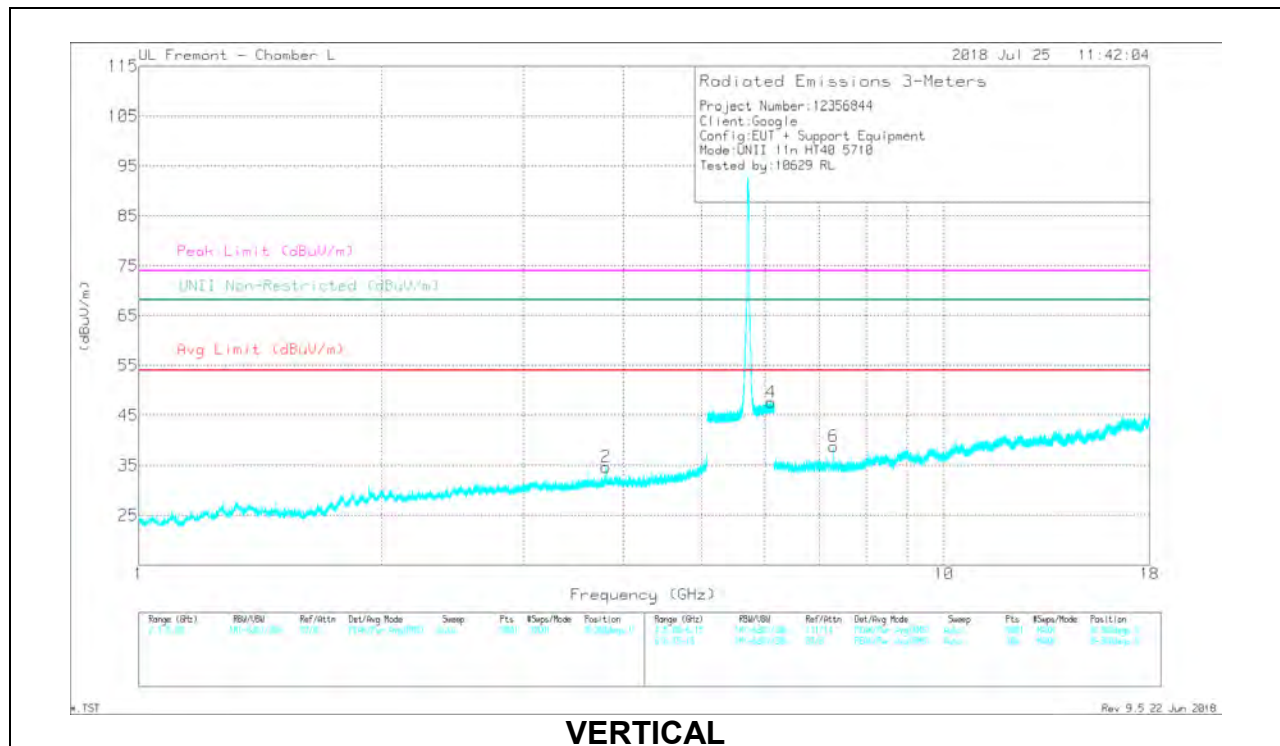
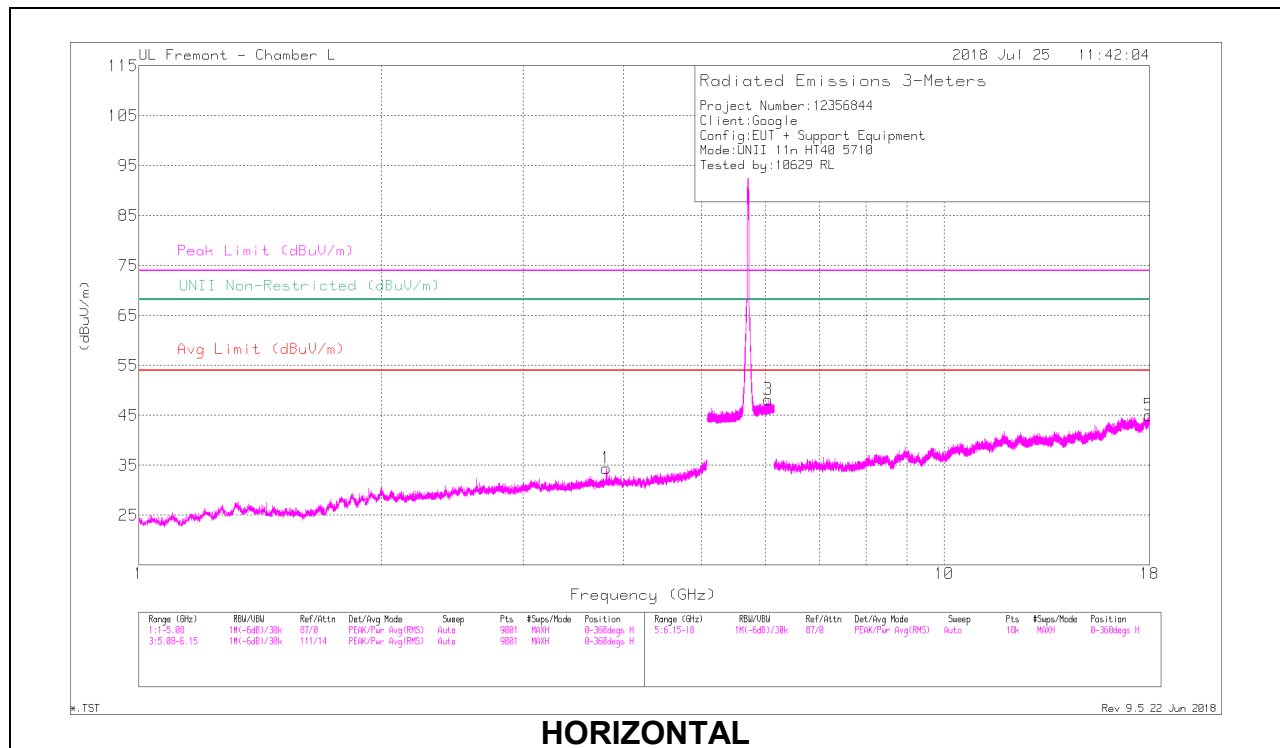
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (cm)	Polarity
2.041	41.77	PK-U	31.2	-35.1	0	37.87	-	-	-	-	68.2	-30.33	66	161	H
2.042	31.35	ADR	31.2	-35.1	.1	27.55	-	-	-	-	-	-	66	161	H
* 3.78	39.72	PK-U	33.4	-31.9	0	41.22	-	-	74	-32.78	-	-	150	178	H
* 3.78	32.04	ADR	33.4	-31.9	.1	33.64	54	-20.36	-	-	-	-	150	178	H
2.047	41.52	PK-U	31.2	-35.1	0	37.62	-	-	-	-	68.2	-30.58	87	293	V
2.047	31.76	ADR	31.2	-35.1	.1	27.96	-	-	-	-	-	-	87	293	V
* 3.78	41.33	PK-U	33.4	-31.9	0	42.83	-	-	74	-31.17	-	-	158	105	V
* 3.78	35.3	ADR	33.4	-31.9	.1	36.9	54	-17.1	-	-	-	-	158	105	V
10.455	32.42	PK-U	37.5	-23	0	46.92	-	-	-	-	68.2	-21.28	110	126	H
10.458	22.86	ADR	37.5	-23	.1	37.46	-	-	-	-	-	-	110	126	H
10.444	31.53	PK-U	37.5	-23.1	0	45.93	-	-	-	-	68.2	-22.27	214	180	V
10.444	22.72	ADR	37.5	-23.1	.1	37.22	-	-	-	-	-	-	214	180	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 EMC4294 (dBm)	Amp/Coil/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.807	38.73	PK-U	33.7	-30.7	0	41.73	-	-	74	-32.27	-	-	90	154	H
* 3.807	29.31	ADR	33.7	-30.7	.1	32.41	54	-21.59	-	-	-	-	90	154	H
* 3.807	37.76	PK-U	33.7	-30.7	0	40.76	-	-	74	-33.24	-	-	135	252	V
* 3.807	30.43	ADR	33.7	-30.7	.1	33.53	54	-20.47	-	-	-	-	135	252	V
6.045	33.61	PK-U	35.3	-17.6	0	51.31	-	-	-	-	68.2	-16.89	240	175	H
6.101	35.51	PK-U	35.4	-17.6	0	53.31	-	-	-	-	68.2	-14.89	7	310	V
* 17.96	27.92	PK-U	40.5	-17.9	0	50.52	-	-	74	-23.48	-	-	201	244	H
* 17.962	18.87	ADR	40.5	-17.9	.1	41.57	54	-12.43	-	-	-	-	201	244	H
* 7.296	36.63	PK-U	35.7	-25.8	0	46.53	-	-	74	-27.47	-	-	231	204	V
* 7.296	24.2	ADR	35.7	-25.8	.1	34.2	54	-19.8	-	-	-	-	231	204	V

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

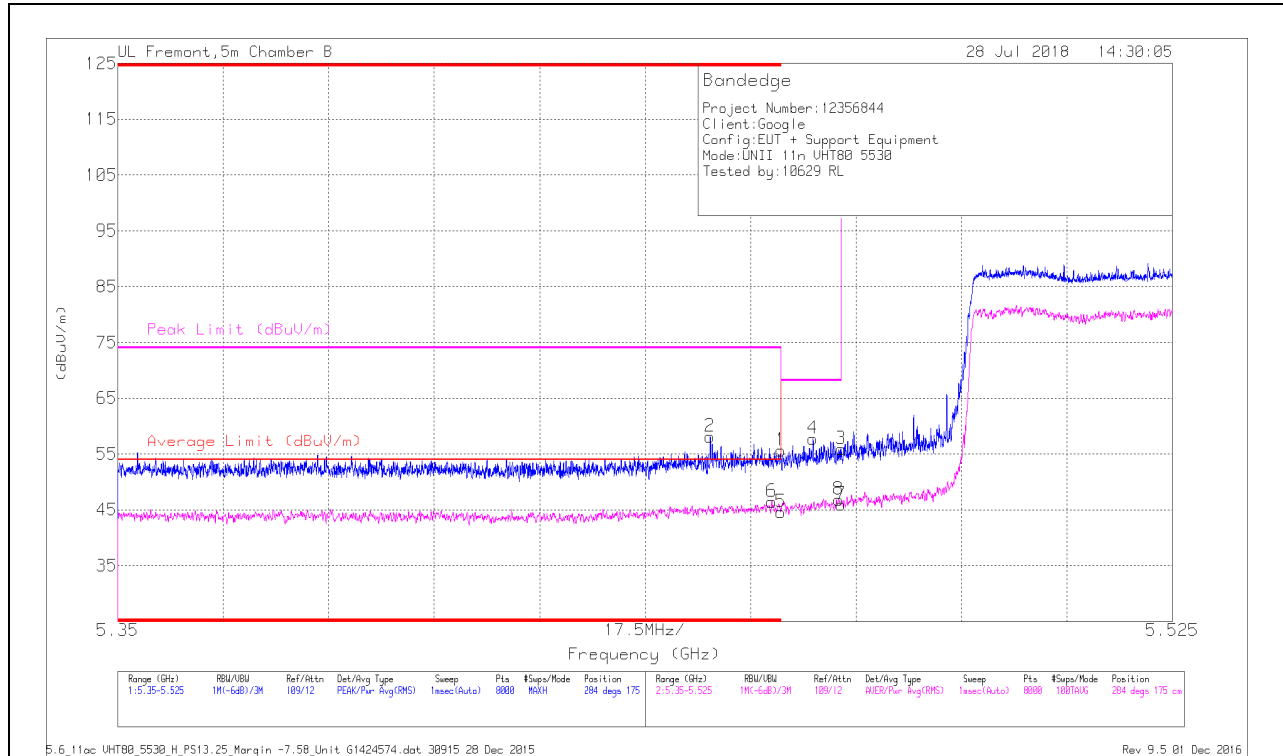
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

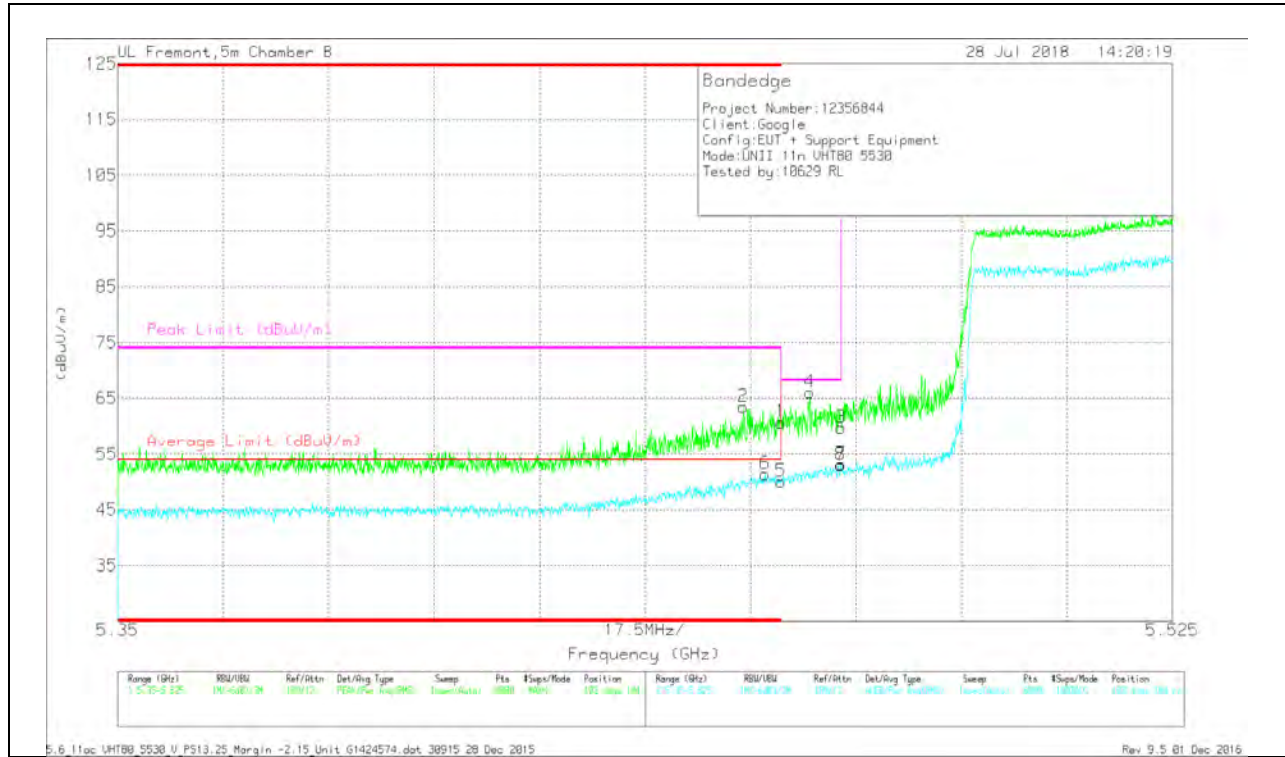


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	39.91	Pk	35.3	-19.6	0	55.51	-	-	74	-18.39	284	175	H
2	* 5.448	42.5	Pk	35.2	-19.6	0	58.1	-	-	74	-15.9	284	175	H
5	* 5.46	28.85	RMS	35.3	-19.6	19	44.74	54	-9.26	-	-	284	175	H
6	* 5.459	30.72	RMS	35.3	-19.6	19	46.61	54	-7.39	-	-	284	175	H
4	5.465	42.04	Pk	35.3	-19.6	0	57.74	-	-	68.2	-10.46	284	175	H
3	5.47	40.17	Pk	35.3	-19.6	0	55.87	-	-	68.2	-12.33	284	175	H
7	5.47	30.19	RMS	35.3	-19.6	19	46.08	-	-	-	-	284	175	H
8	5.47	31.18	RMS	35.3	-19.7	19	46.97	-	-	-	-	284	175	H

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

Pk - Peak detector

VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Acimuth (Dege)	Height (cm)	Polarity
2	* 5.454	47.93	Pk	35.3	-19.8	0	63.43	-	-	74	-10.57	102	184	V
6	* 5.457	35.66	RMS	35.3	-19.6	.19	51.55	54	-2.45	-	-	102	184	V
1	* 5.46	44.96	Pk	35.3	-19.6	0	60.66	-	-	74	-13.34	102	184	V
5	* 5.46	34.34	RMS	35.3	-19.6	.19	50.23	54	-3.77	-	-	102	184	V
4	5.465	50.45	Pk	35.3	-19.7	0	66.05	-	-	68.2	-2.15	102	184	V
3	5.47	44.07	Pk	35.3	-19.6	0	59.77	-	-	68.2	-8.43	102	184	V
7	5.47	37.4	RMS	35.3	-19.6	.19	53.29	-	-	-	-	102	184	V
8	5.47	37.31	RMS	35.3	-19.6	.19	53.20	-	-	-	-	102	184	V

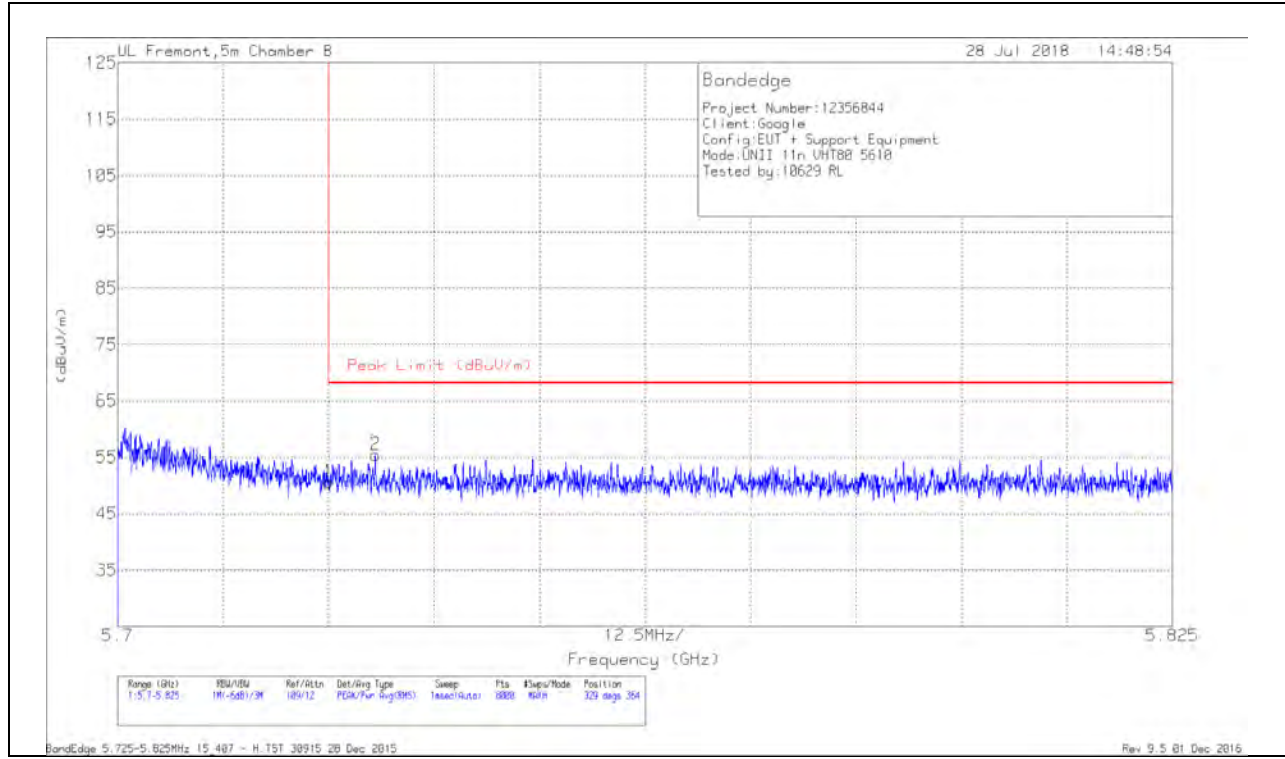
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

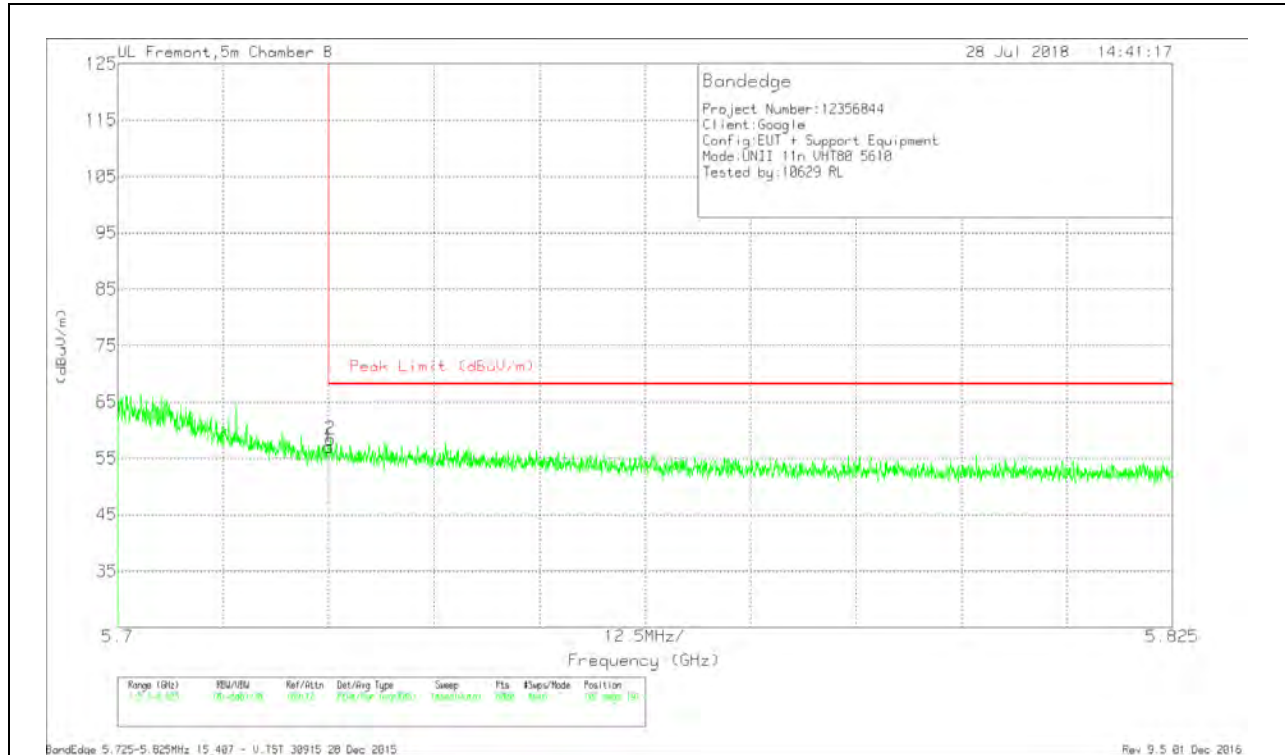
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	35.15	Pk	35.5	-20	50.65	68.2	-17.55	329	364	H
2	5.731	39.96	Pk	35.5	-20.1	55.36	68.2	-12.84	329	364	H

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

VERTICAL RESULT



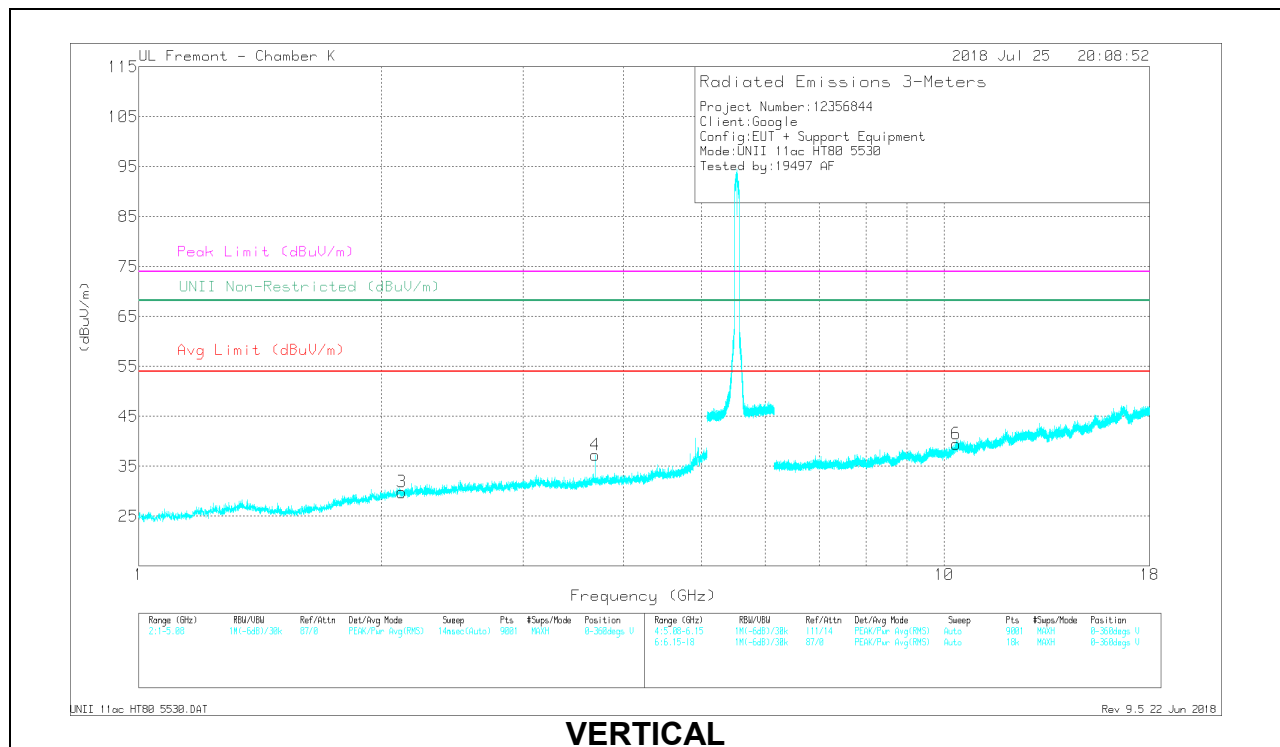
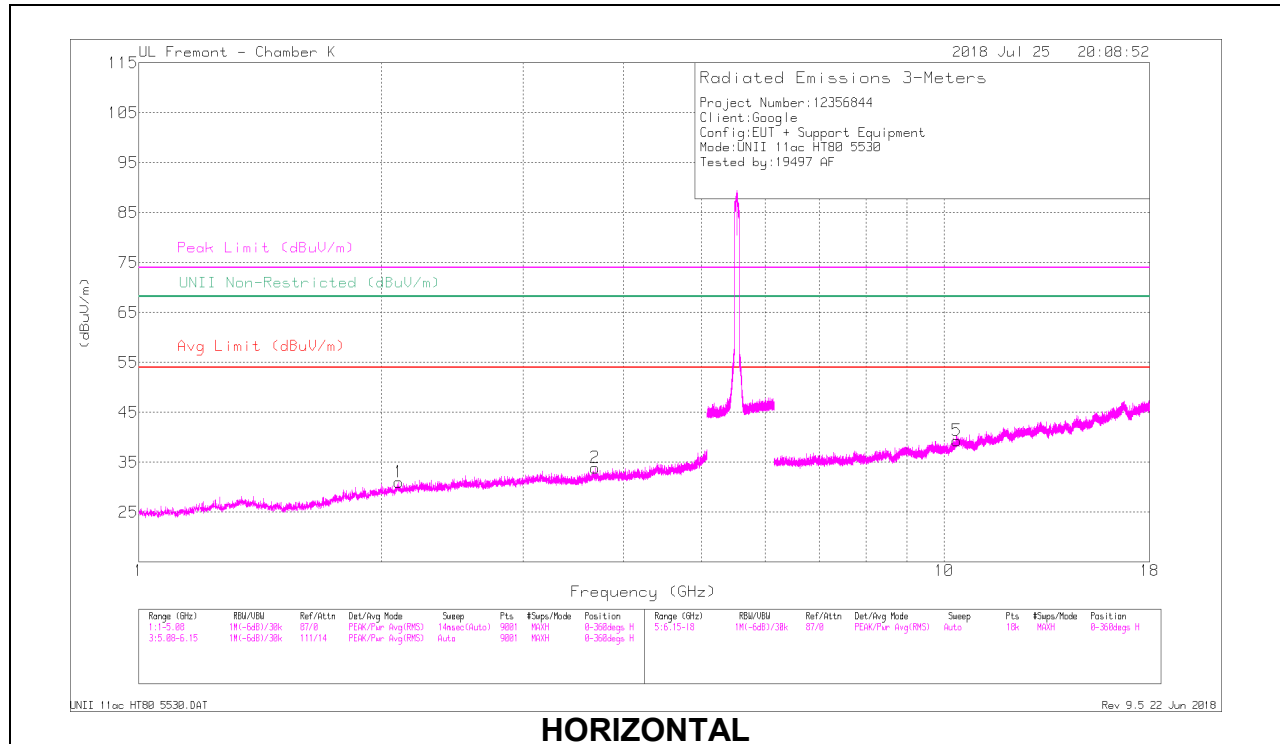
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.52	Pk	35.5	-20	57.02	68.2	-11.18	102	191	V
2	5.725	42.9	Pk	35.5	-20	58.4	68.2	-9.8	102	191	V

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

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

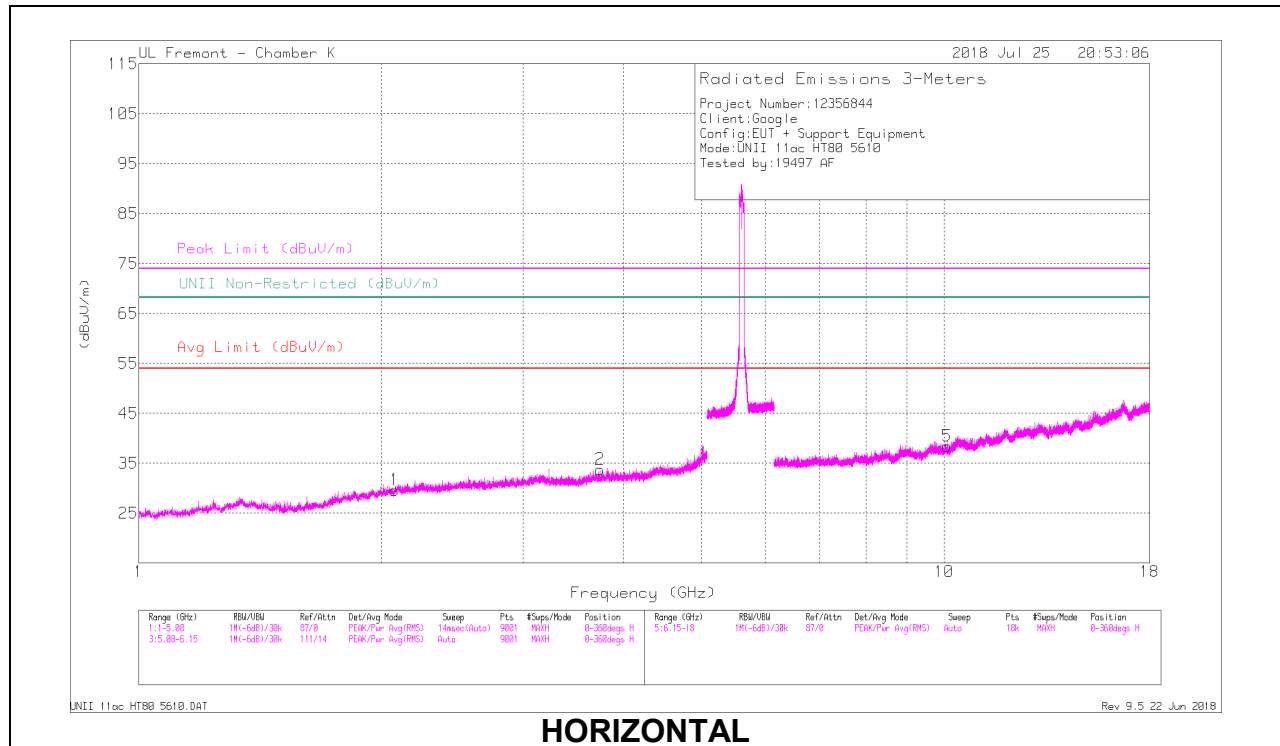
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unlit Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.103	41.03	PK-U	31.6	-35.1	0	37.53	-	-	-	-	68.2	-30.67	53	265	H
2.103	32.01	ADR	31.6	-35.1	.19	28.7	-	-	-	-	-	-	53	265	H
* 3.686	39.72	PK-U	33.1	-32.1	0	40.72	-	-	74	-33.28	-	-	27	101	H
* 3.687	30.39	ADR	33.1	-32.1	.19	31.58	54	-22.42	-	-	-	-	27	101	H
2.122	40.86	PK-U	31.6	-35.2	0	37.26	-	-	-	-	68.2	-30.94	339	189	V
2.123	31.51	ADR	31.6	-35.2	.19	28.1	-	-	-	-	-	-	339	189	V
* 3.687	41.3	PK-U	33.1	-32.1	0	42.3	-	-	74	-31.7	-	-	143	124	V
* 3.687	34.88	ADR	33.1	-32.1	.19	36.07	54	-17.93	-	-	-	-	143	124	V
10.372	32.4	PK-U	37.4	-23.1	0	46.7	-	-	-	-	68.2	-21.5	126	112	H
10.374	23.47	ADR	37.4	-23.1	.19	37.96	-	-	-	-	-	-	126	112	H
10.351	31.45	PK-U	37.4	-23.1	0	45.75	-	-	-	-	68.2	-22.45	355	241	V
10.35	22.61	ADR	37.4	-23.1	.19	37.1	-	-	-	-	-	-	355	241	V

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

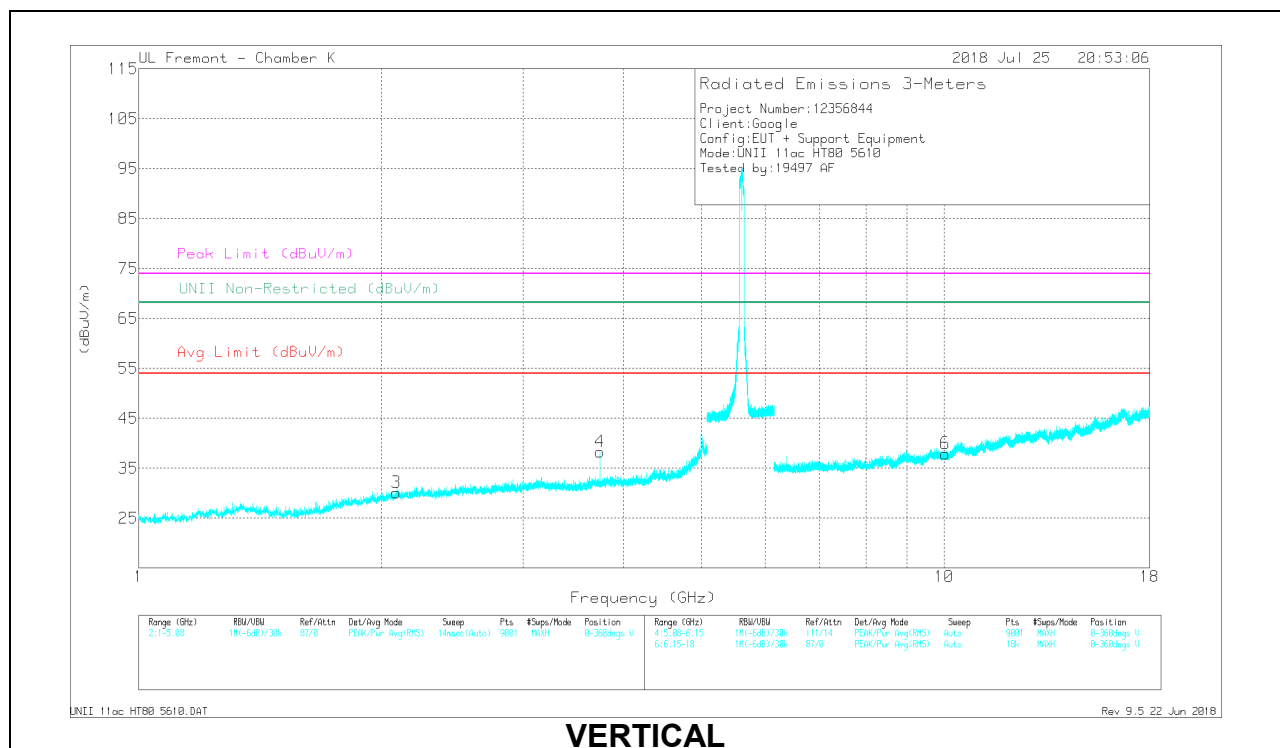
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

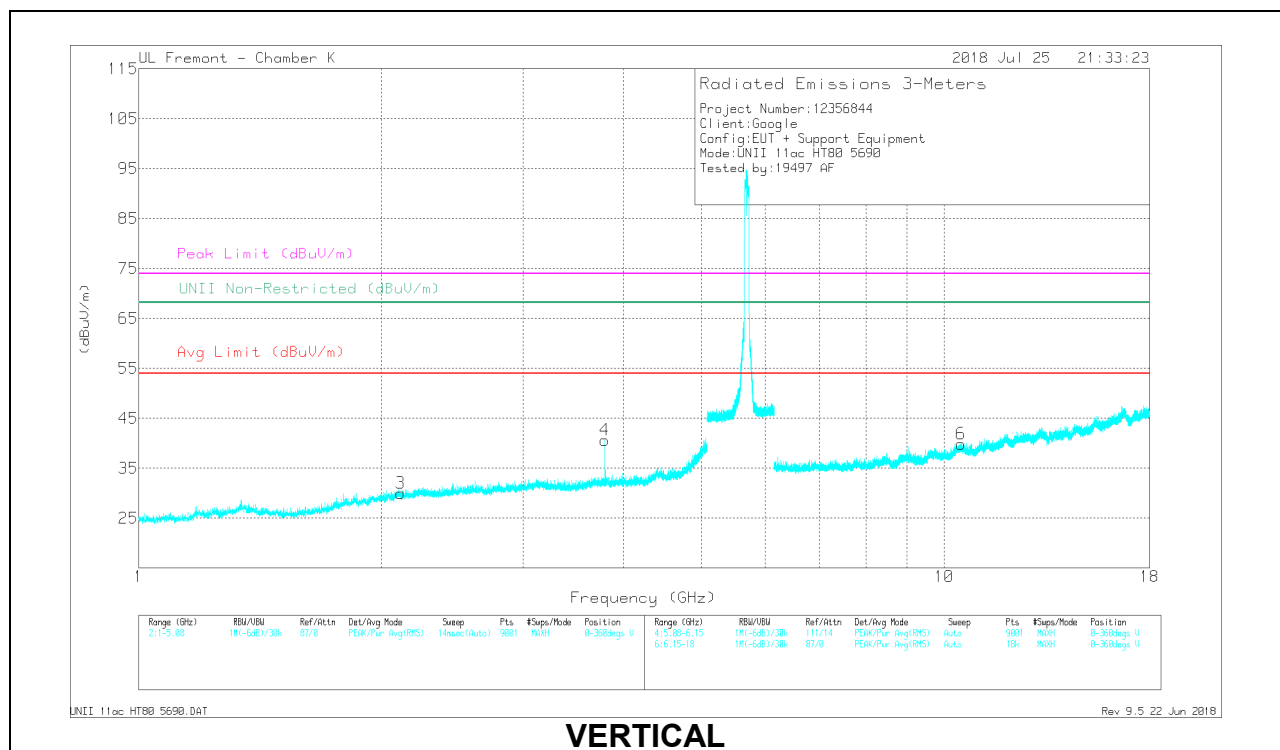
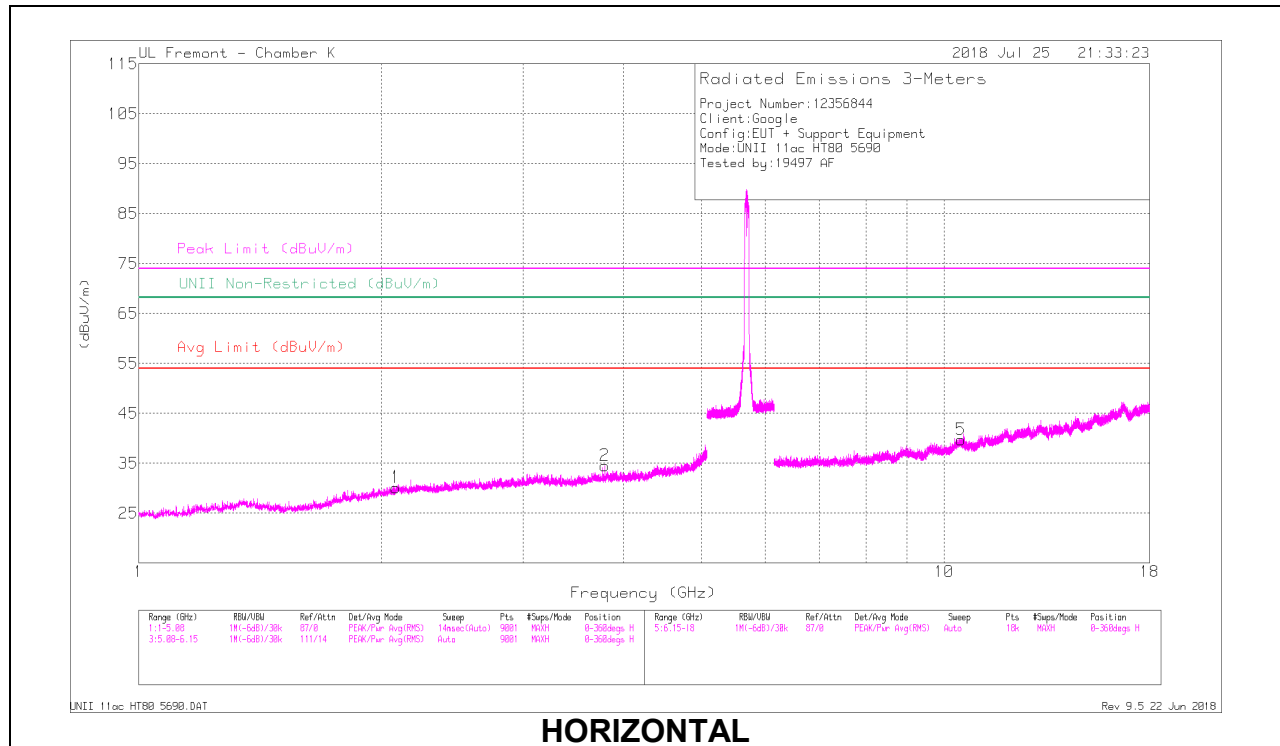
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unlit Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.079	40.77	PK-U	31.4	-35.2	0	38.97	-	-	-	-	68.2	-31.23	70	275	H
2.079	31.38	ADR	31.4	-35.2	.19	27.77	-	-	-	-	-	-	70	275	H
* 3.739	38.88	PK-U	33.3	-31.9	0	40.28	-	-	74	-33.72	-	-	112	198	H
* 3.74	31.55	ADR	33.3	-31.9	.19	33.14	54	-20.86	-	-	-	-	112	198	H
2.087	41.77	PK-U	31.5	-35.1	0	38.17	-	-	-	-	68.2	-30.03	315	259	V
2.087	31.55	ADR	31.5	-35.1	.19	28.14	-	-	-	-	-	-	315	259	V
* 3.74	41.79	PK-U	33.3	-31.9	0	43.19	-	-	74	-30.81	-	-	107	188	V
* 3.74	35.04	ADR	33.3	-31.9	.19	36.63	54	-17.37	-	-	-	-	107	188	V
10.087	31.71	PK-U	37.2	-23.3	0	45.61	-	-	-	-	68.2	-22.59	331	151	H
10.089	22.38	ADR	37.2	-23.3	.19	36.47	-	-	-	-	-	-	331	151	H
10.035	31.93	PK-U	37.1	-23.6	0	45.43	-	-	-	-	68.2	-22.77	103	371	V
10.037	22.89	ADR	37.1	-23.6	.19	36.58	-	-	-	-	-	-	103	371	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

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Ctrl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unit Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.086	41.55	PK-U	31.5	-35.1	0	37.95	-	-	-	-	68.2	-30.25	158	135	H
2.087	31.52	ADR	31.5	-35.1	.19	28.11	-	-	-	-	-	-	158	135	H
* 3.793	39.85	PK-U	33.4	-31.8	0	41.45	-	-	74	-32.55	-	-	116	271	H
* 3.793	32.62	ADR	33.4	-31.8	.19	34.41	54	-19.59	-	-	-	-	116	271	H
2.115	40.92	PK-U	31.6	-35.1	0	37.42	-	-	-	-	68.2	-30.78	267	268	V
2.117	31.36	ADR	31.6	-35.1	.19	28.05	-	-	-	-	-	-	267	268	V
* 3.793	41.78	PK-U	33.4	-31.8	0	43.38	-	-	74	-30.62	-	-	142	101	V
* 3.793	36.87	ADR	33.4	-31.8	.19	38.66	54	-15.34	-	-	-	-	142	101	V
10.491	33.66	PK-U	37.6	-22.9	0	48.36	-	-	-	-	68.2	-19.84	38	347	H
10.494	22.6	ADR	37.6	-22.9	.19	37.49	-	-	-	-	-	-	38	347	H
10.495	32.45	PK-U	37.6	-22.9	0	47.15	-	-	-	-	68.2	-21.05	72	129	V
10.494	22.55	ADR	37.6	-22.9	.19	37.44	-	-	-	-	-	-	72	129	V

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

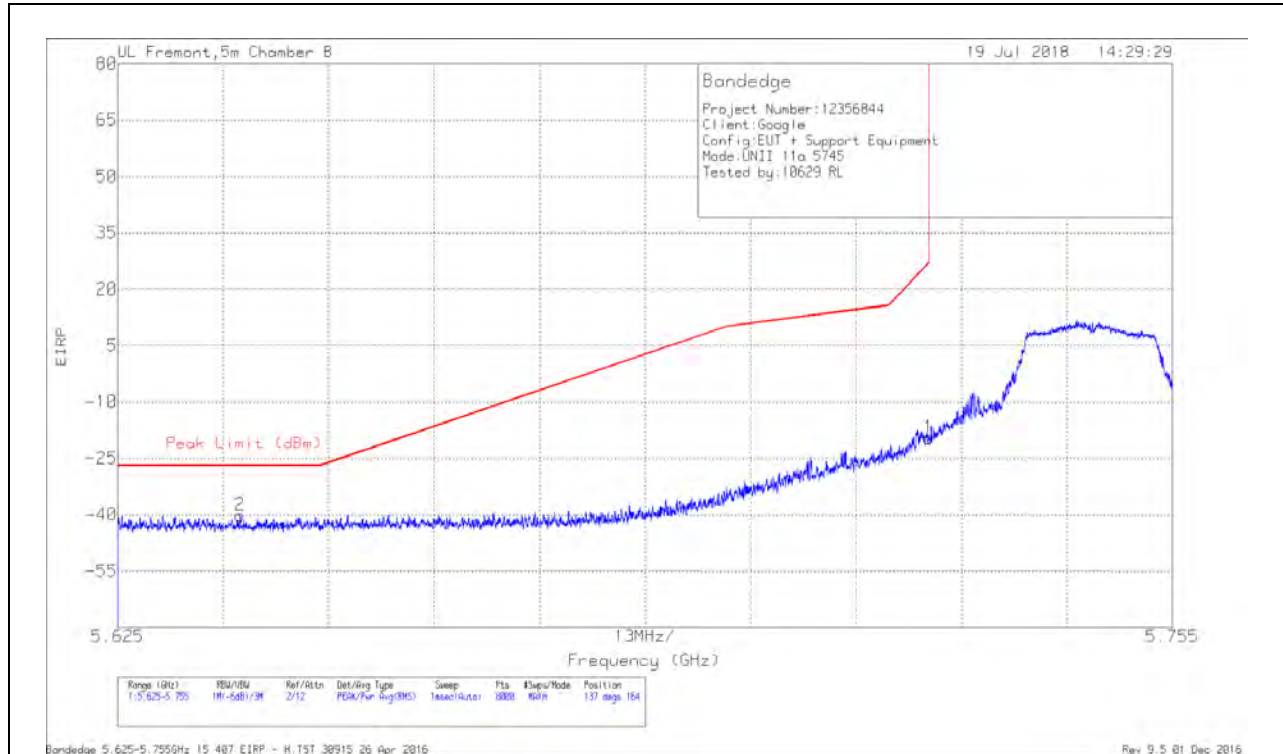
PK-U - U-NII: Maximum Peak

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)

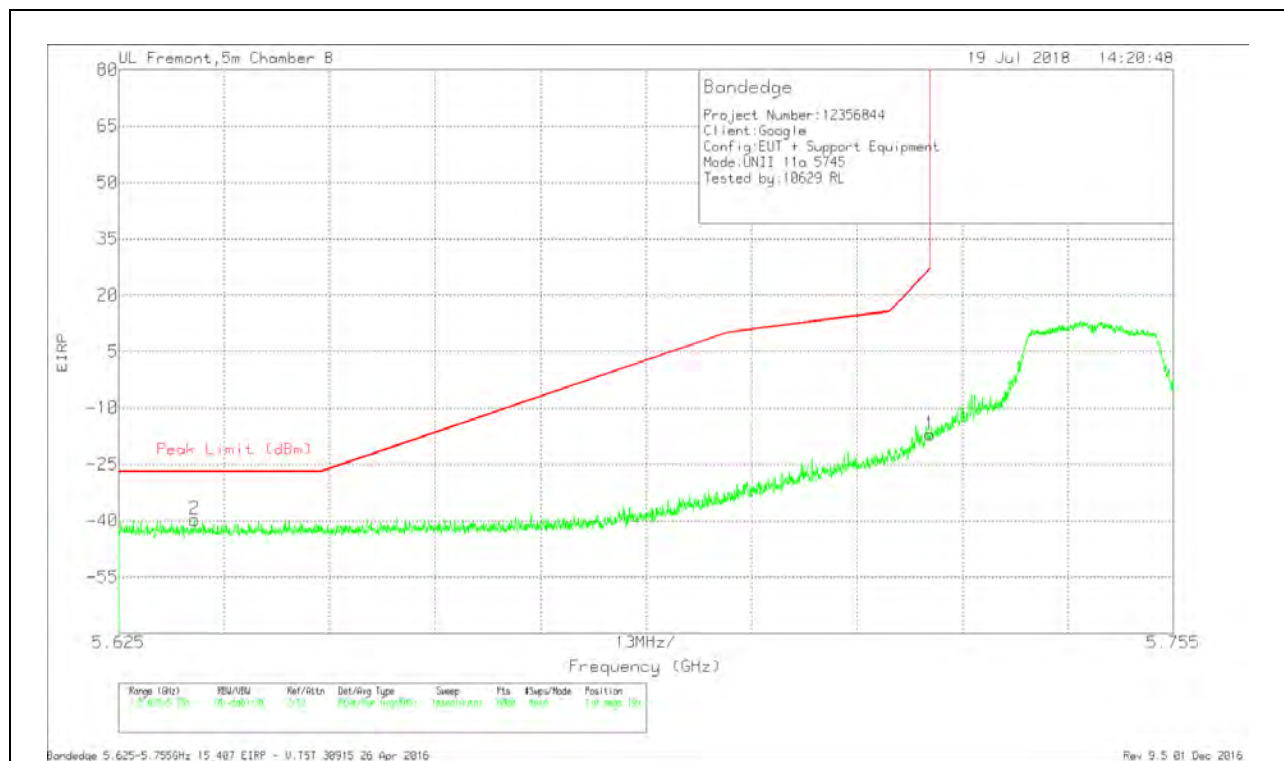
HORIZONTAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64	-67.45	Pk	35.5	-20.1	11.8	-40.25	-27	-13.25	137	164	H
1	5.725	-46.99	Pk	35.5	-20	11.8	-19.69	27	-46.69	137	164	H

Pk - Peak detector

VERTICAL RESULT

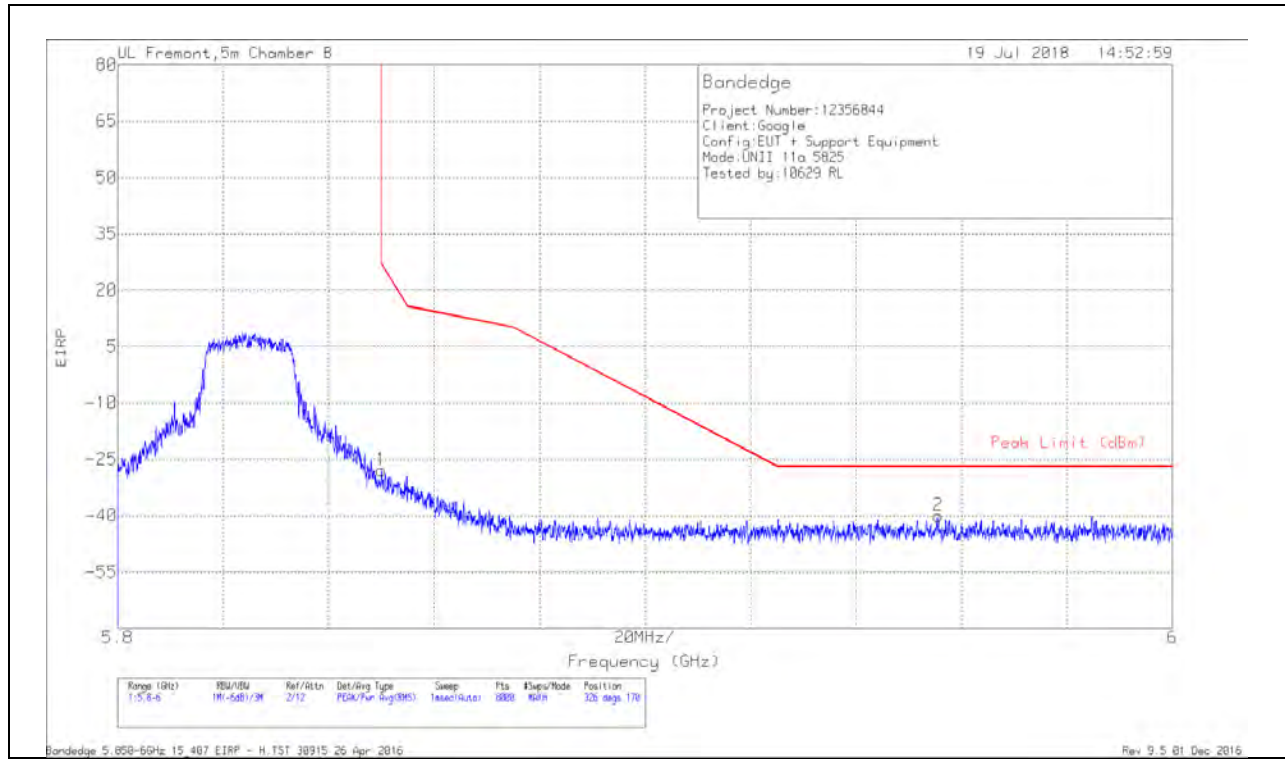


Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.634	-67.08	Pk	35.5	-20	11.8	-39.78	-27	-12.78	110	199	V
1	5.725	-44.39	Pk	35.5	-20	11.8	-17.09	27	-44.09	110	199	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

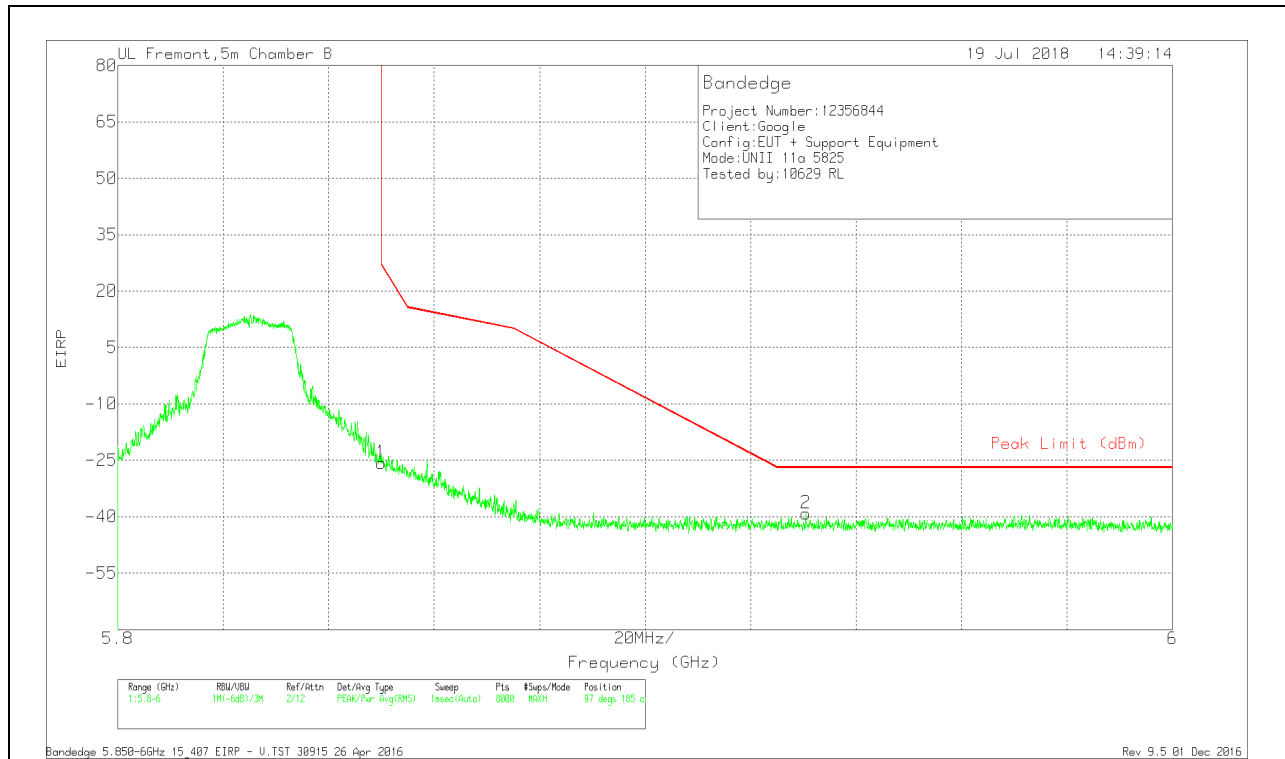
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filt/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-55.02	Pk	35.4	-20	11.8	-27.82	26.99	-54.81	326	170	H
2	5.956	-67.61	Pk	35.4	-19.7	11.8	-40.11	-27	-13.11	326	170	H

Pk - Peak detector

VERTICAL RESULT

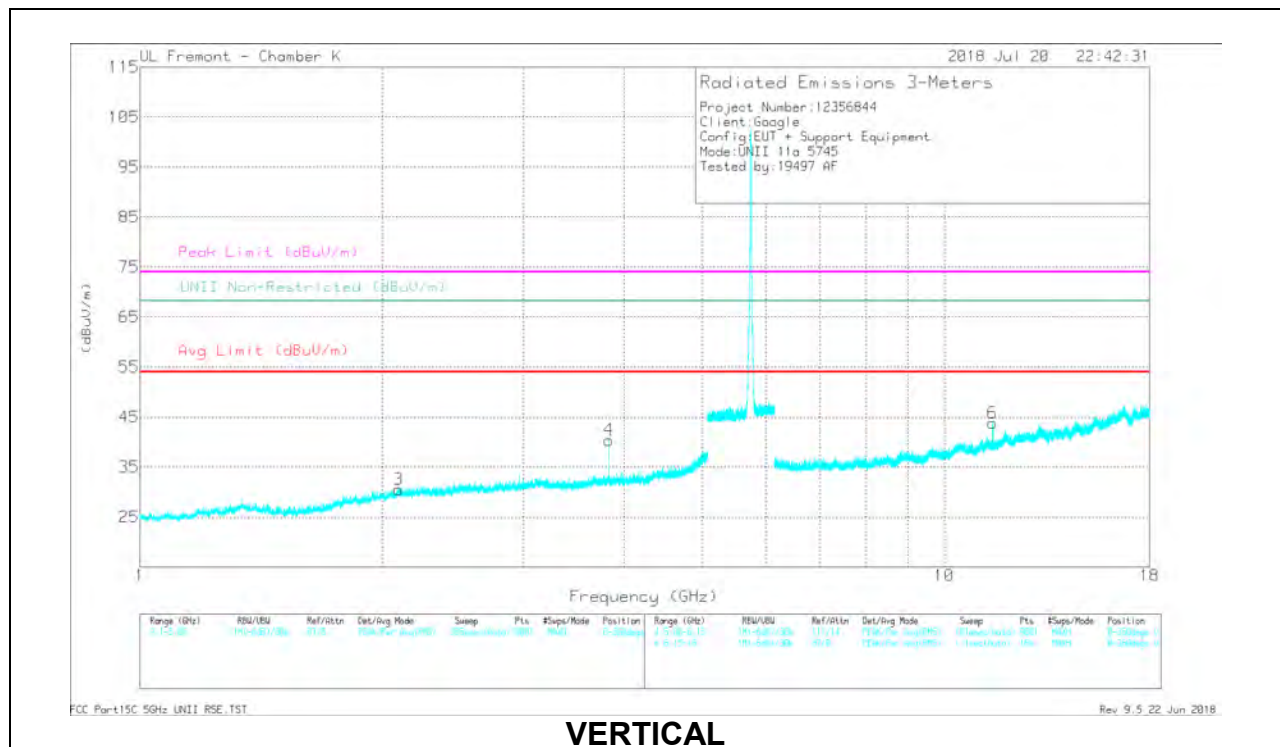
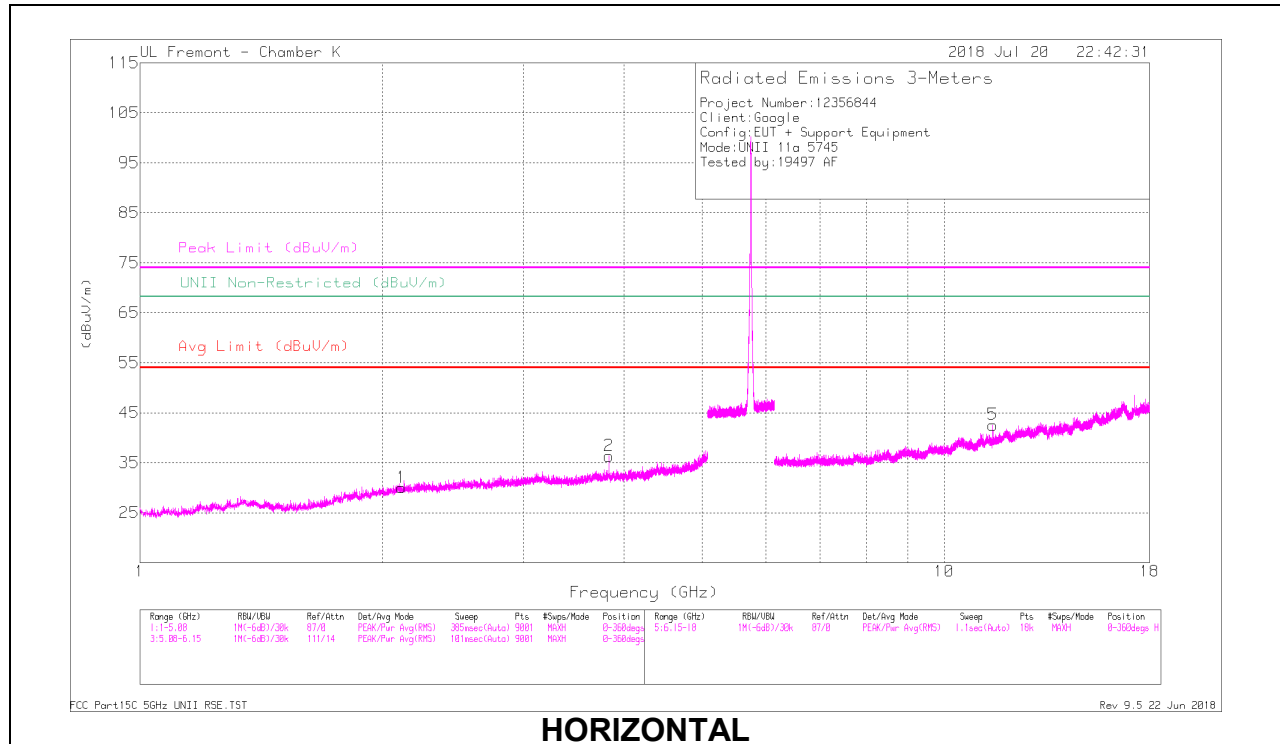


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-52.81	PK	35.4	-20	11.8	-25.61	26.99	-52.6	97	185	V
2	5.93	-66.74	PK	35.4	-19.6	11.8	-39.14	-27	-12.14	97	185	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

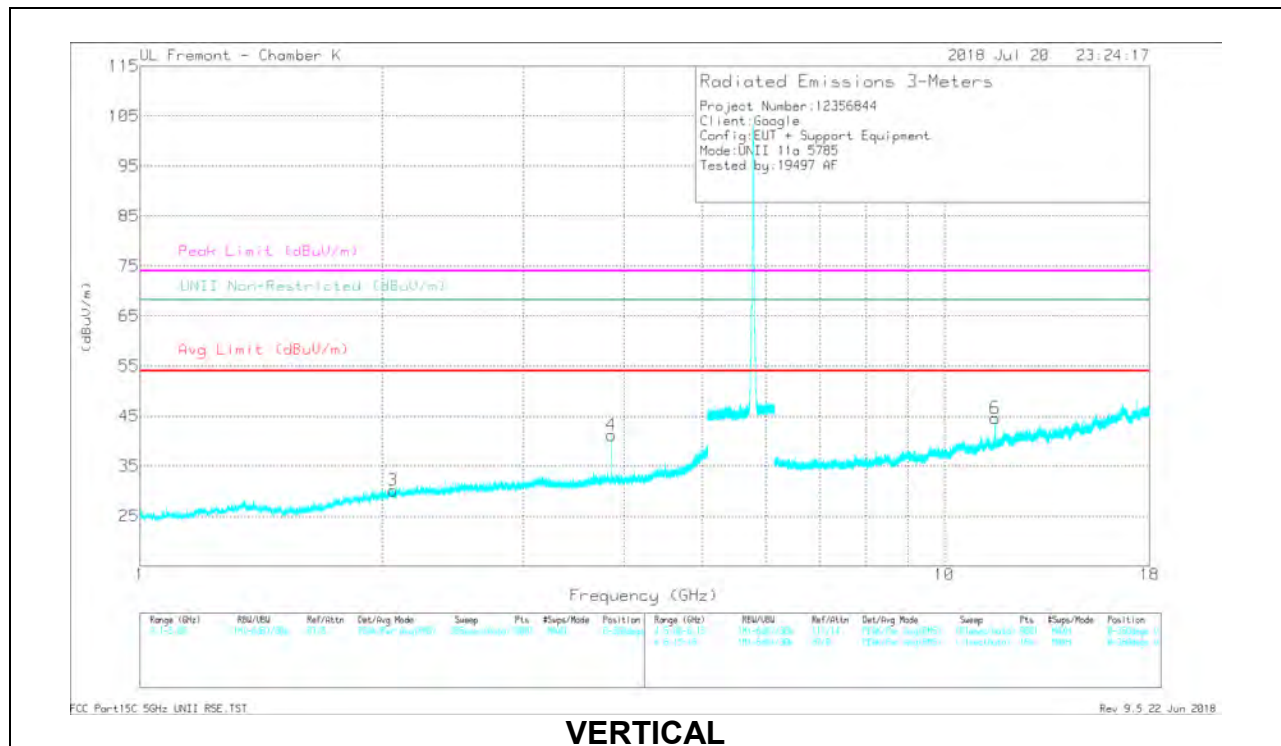
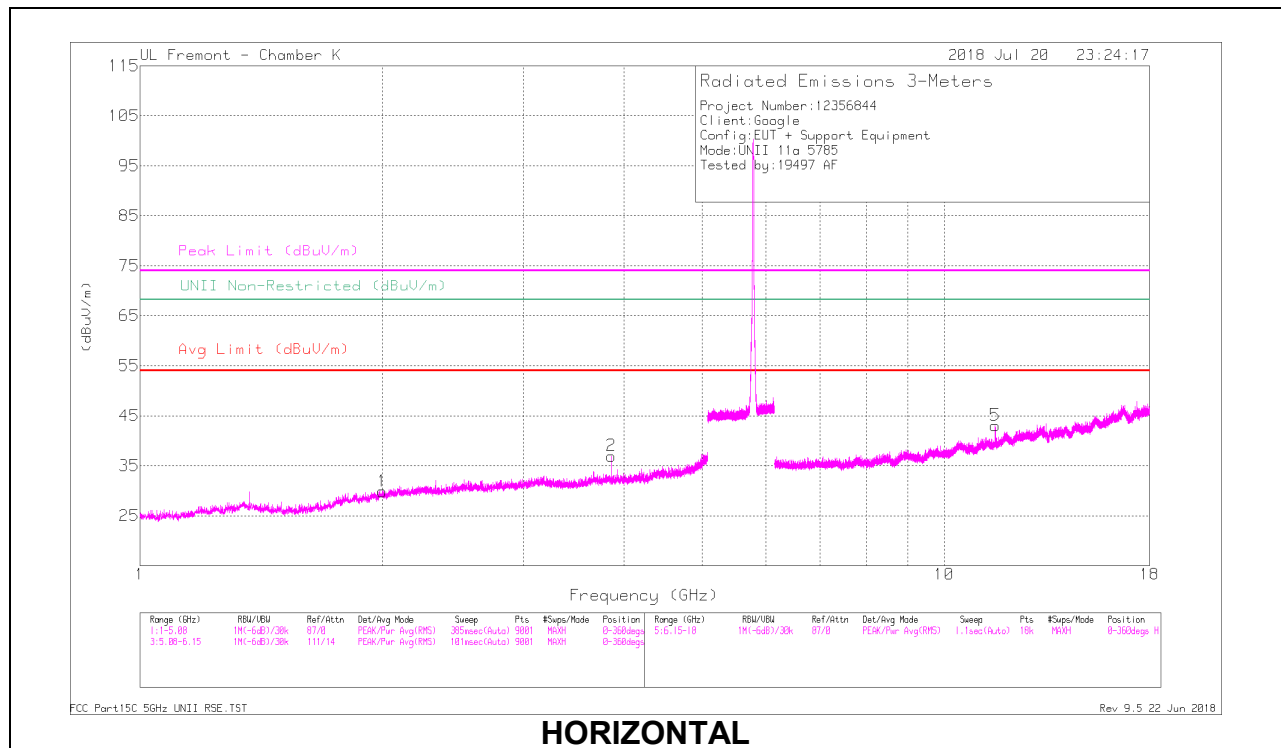
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/ChlFtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.114	40.69	PK-U	31.6	-35.2	0	37.09	-	-	-	-	68.2	-31.11	219	393	H
2.114	32.12	ADR	31.6	-35.2	0	28.52	-	-	-	-	-	-	219	393	H
* 3.83	40.49	PK-U	33.4	-31.6	0	42.29	-	-	74	-31.71	-	-	152	129	H
* 3.83	32.64	ADR	33.4	-31.6	0	34.44	54	-19.56	-	-	-	-	152	129	H
2.096	42.28	PK-U	31.6	-35.1	0	38.78	-	-	-	-	68.2	-29.42	32	163	V
2.096	32.01	ADR	31.6	-35.1	0	28.51	-	-	-	-	-	-	32	163	V
* 3.83	42.77	PK-U	33.4	-31.6	0	44.57	-	-	74	-29.43	-	-	194	106	V
* 3.83	38.31	ADR	33.4	-31.6	0	40.11	54	-13.89	-	-	-	-	194	106	V
* 11.489	35.15	PK-U	38.1	-21	0	52.25	-	-	74	-21.75	-	-	134	247	H
* 11.492	25.31	ADR	38.1	-21	0	42.41	54	-11.59	-	-	-	-	134	247	H
* 11.49	33.37	PK-U	38.1	-21	0	50.47	-	-	74	-23.53	-	-	157	105	V
* 11.491	24.16	ADR	38.1	-21	0	41.26	54	-12.74	-	-	-	-	157	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

MID CHANNEL RESULTS



RADIATED EMISSIONS

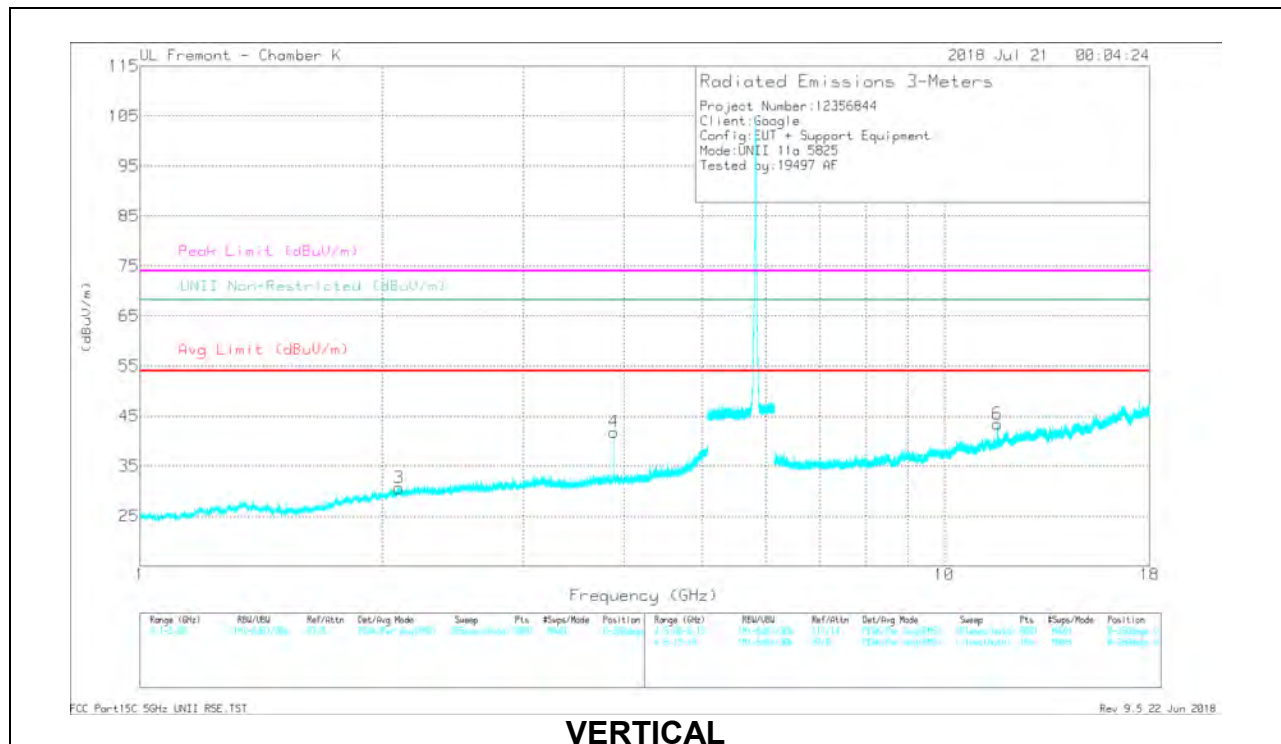
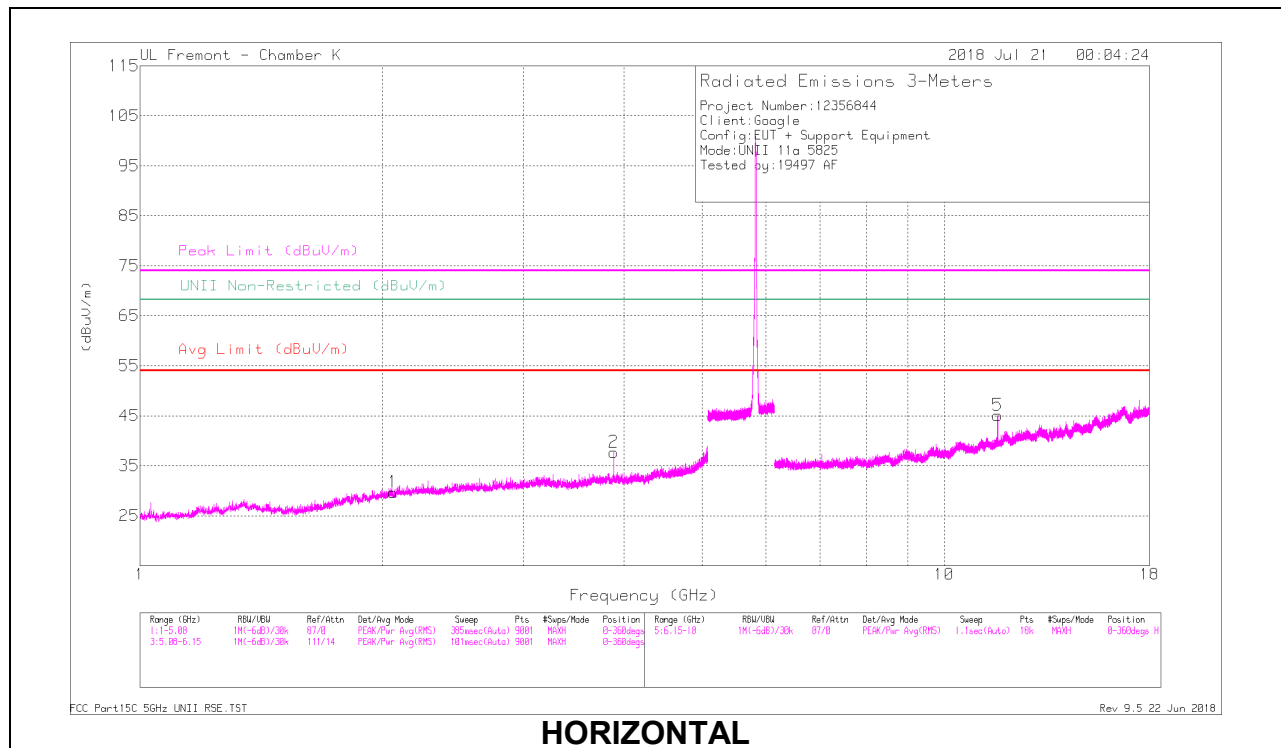
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cable/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (cm)	Polarity
2.001	40.79	PK-U	31	-35.2	0	36.59	-	-	-	-	68.2	-31.61	281	160	H
2	31.58	ADR	31	-35.2	0	27.38	-	-	-	-	-	-	281	160	H
* 3.856	40.35	PK-U	33.4	-31.6	0	42.15	-	-	74	-31.85	-	-	157	173	H
* 3.857	34.15	ADR	33.4	-31.6	0	35.95	54	-18.05	-	-	-	-	157	173	H
2.063	41.39	PK-U	31.3	-35.2	0	37.49	-	-	-	-	68.2	-30.71	353	353	V
2.063	31.6	ADR	31.3	-35.2	0	27.7	-	-	-	-	-	-	353	353	V
* 3.857	43.31	PK-U	33.4	-31.6	0	45.11	-	-	74	-28.89	-	-	198	101	V
* 3.857	38.12	ADR	33.4	-31.6	0	39.92	54	-14.08	-	-	-	-	198	101	V
* 11.572	34.93	PK-U	38.2	-20.9	0	52.23	-	-	74	-21.77	-	-	139	191	H
* 11.572	25.55	ADR	38.2	-20.9	0	42.85	54	-11.15	-	-	-	-	139	191	H
* 11.573	34.82	PK-U	38.2	-20.9	0	52.12	-	-	74	-21.88	-	-	228	188	V
* 11.572	25.15	ADR	38.2	-20.9	0	42.45	54	-11.55	-	-	-	-	228	188	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

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/ChlFtr/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
2.064	40.87	PK-U	31.3	-35.2	0	36.97	-	-	-	-	68.2	-31.23	54	252	H
2.065	31.71	ADR	31.3	-35.2	0	27.81	-	-	-	-	-	-	54	252	H
* 3.883	42.14	PK-U	33.4	-31.7	0	43.84	-	-	74	-30.16	-	-	155	104	H
* 3.883	35.12	ADR	33.4	-31.7	0	36.62	54	-17.18	-	-	-	-	155	104	H
2.097	41	PK-U	31.6	-35.1	0	37.5	-	-	-	-	68.2	-30.7	182	111	V
2.096	31.89	ADR	31.6	-35.1	0	28.39	-	-	-	-	-	-	182	111	V
* 3.883	43.49	PK-U	33.4	-31.7	0	45.19	-	-	74	-28.81	-	-	189	129	V
* 3.883	39.47	ADR	33.4	-31.7	0	41.17	54	-12.83	-	-	-	-	189	129	V
* 11.653	37.03	PK-U	38.2	-20.8	0	54.43	-	-	74	-19.57	-	-	136	196	H
* 11.652	26.38	ADR	38.2	-20.8	0	43.78	54	-10.22	-	-	-	-	136	196	H
* 11.649	34.5	PK-U	38.2	-20.8	0	51.9	-	-	74	-22.1	-	-	226	184	V
* 11.651	25.08	ADR	38.2	-20.8	0	42.48	54	-11.52	-	-	-	-	226	184	V

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

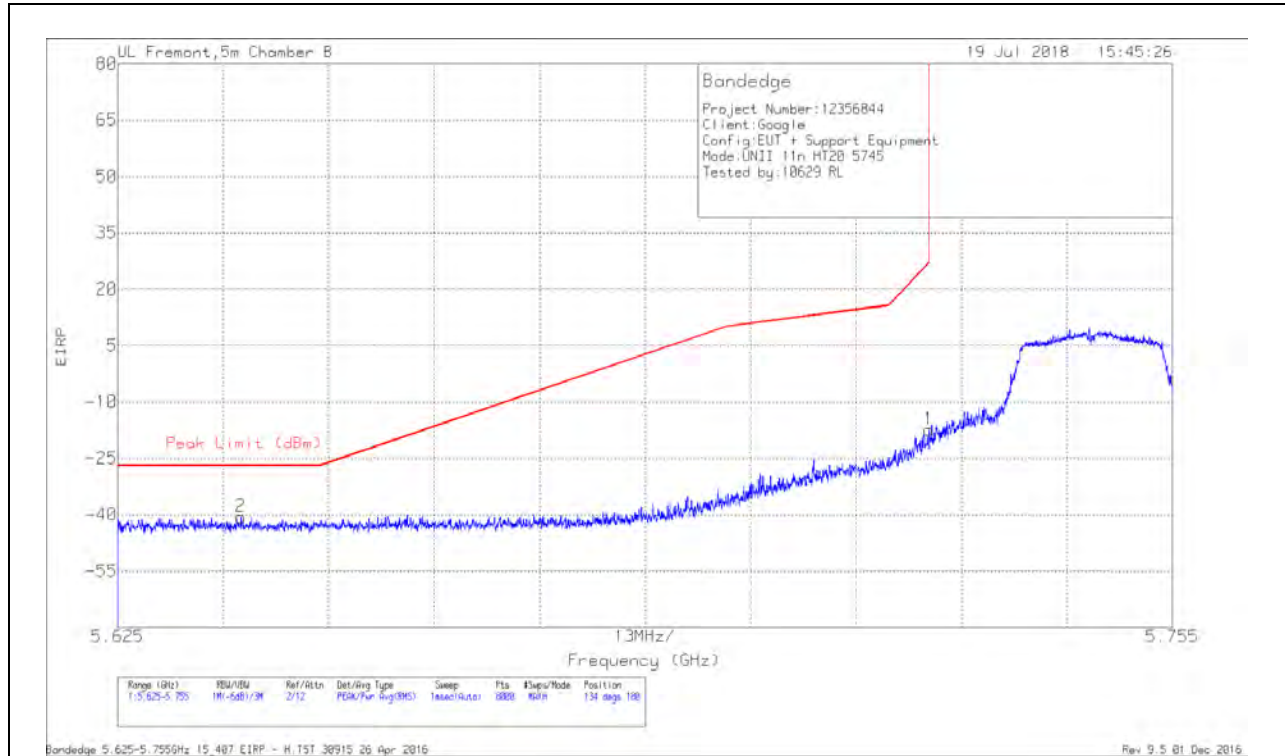
PK-U - U-NII: Maximum Peak

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)

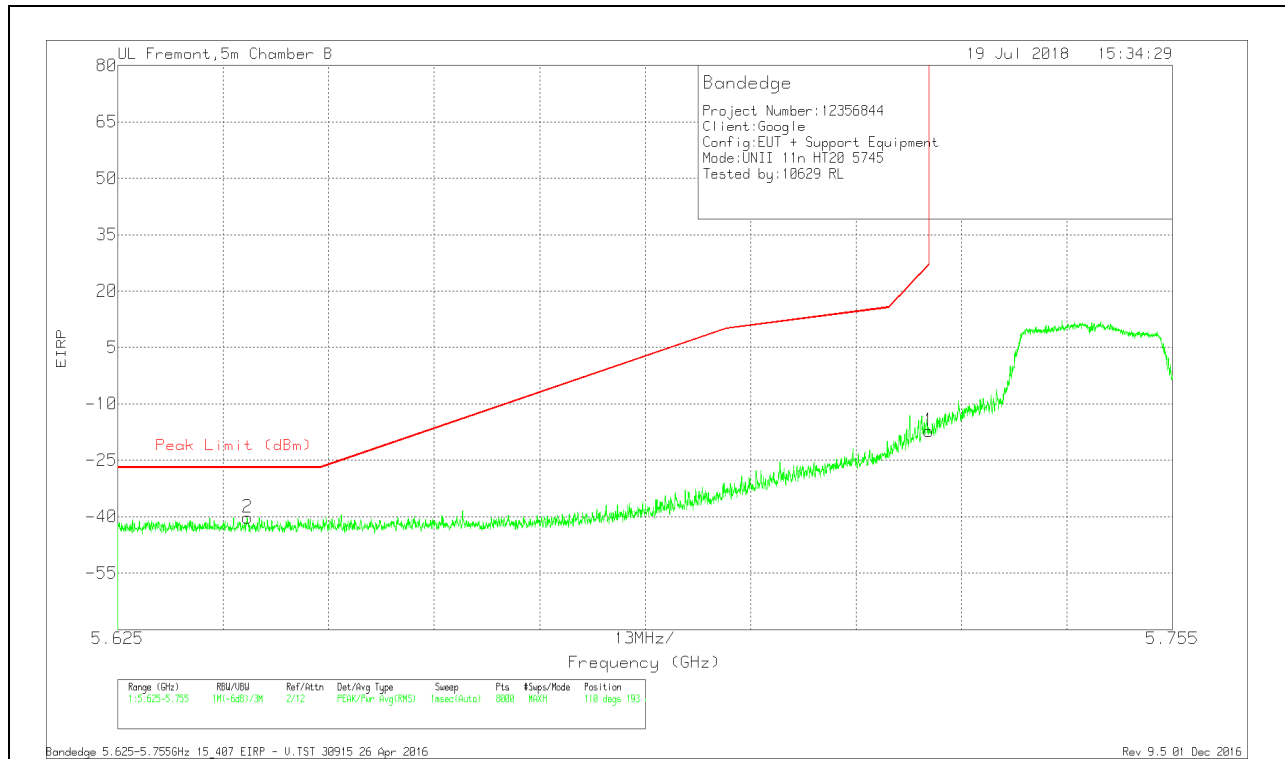
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64	-67.78	Pk	35.5	-20.1	11.8	-40.58	-27	-13.58	134	180	H
1	5.725	-44.71	Pk	35.5	-20	11.8	-17.41	27	-44.41	134	180	H

Pk - Peak detector

VERTICAL RESULT

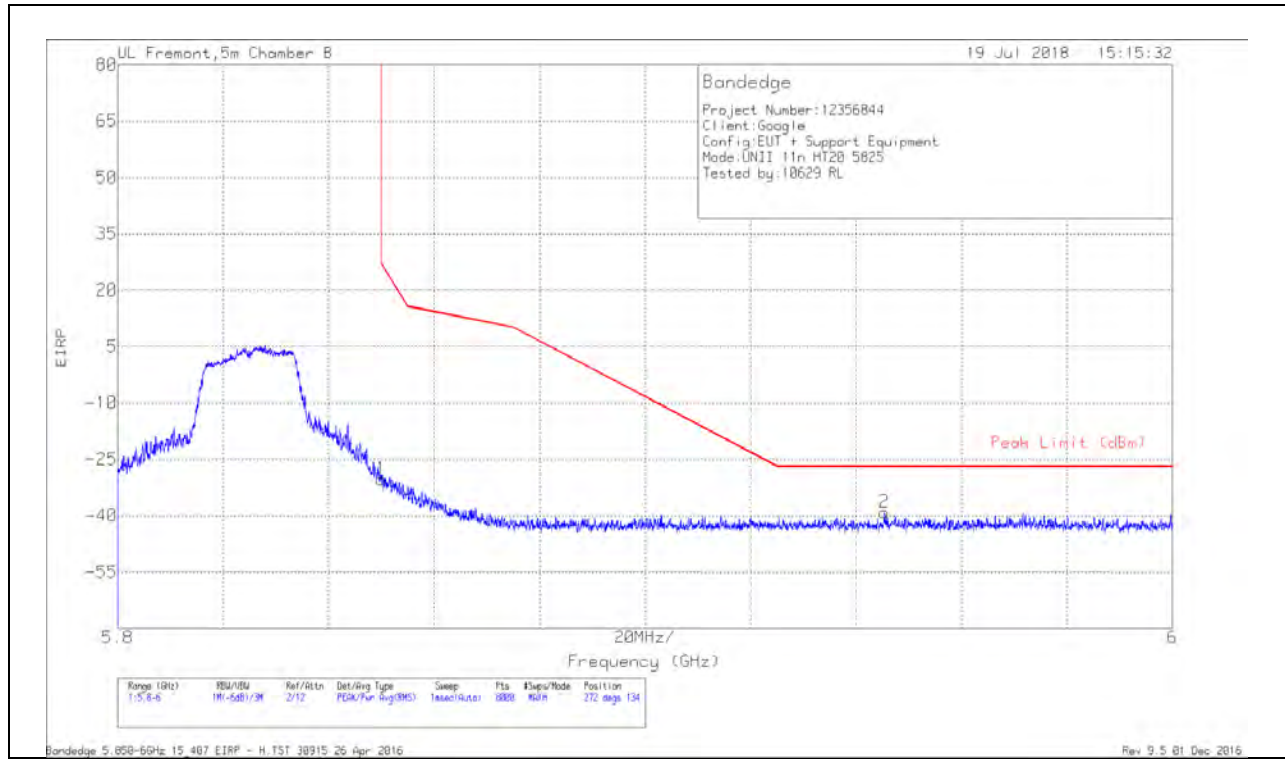


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.641	-67.4	Pk	35.5	-20.1	11.8	-40.2	-27	-13.2	110	193	V
1	5.725	-44.57	Pk	35.5	-20	11.8	-17.27	27	-44.27	110	193	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

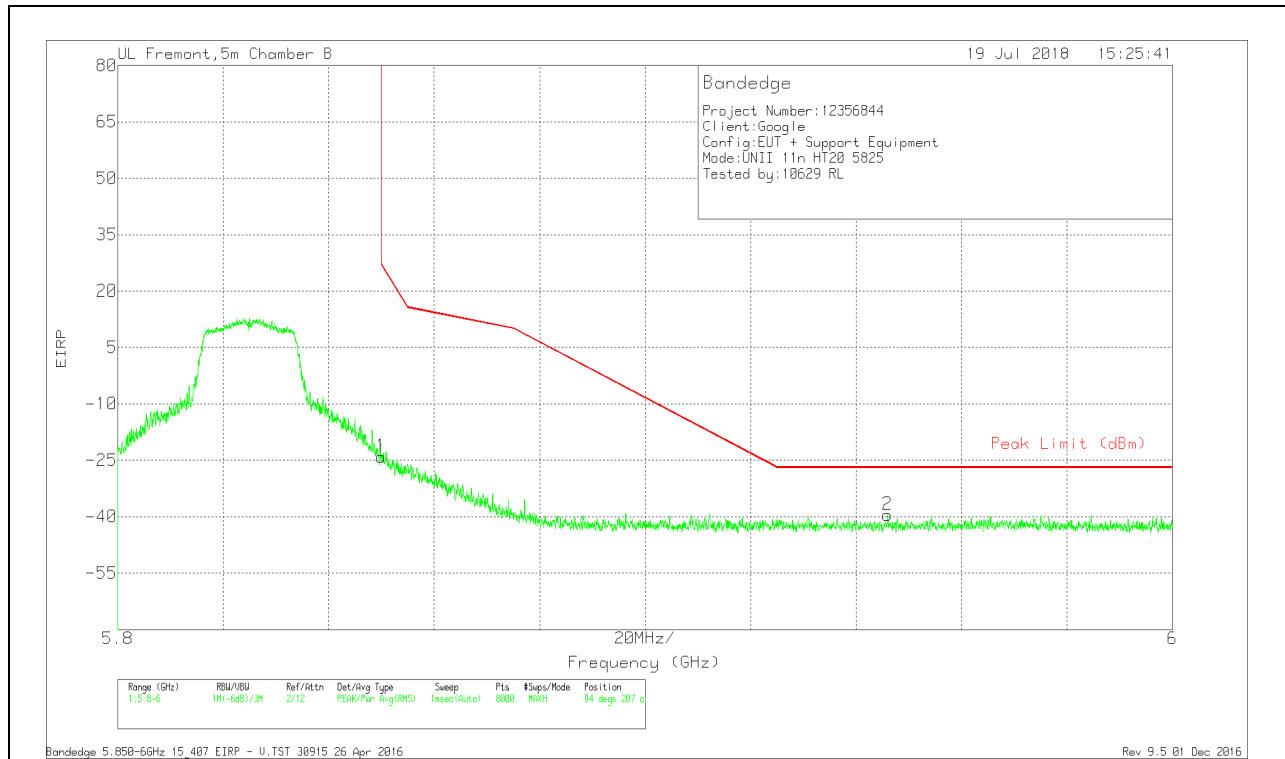
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-57.47	Pk	35.4	-20	11.8	-30.27	26.99	-57.26	272	134	H
2	5.945	-66.74	Pk	35.4	-19.6	11.8	-39.14	-27	-12.14	272	134	H

Pk - Peak detector

VERTICAL RESULT

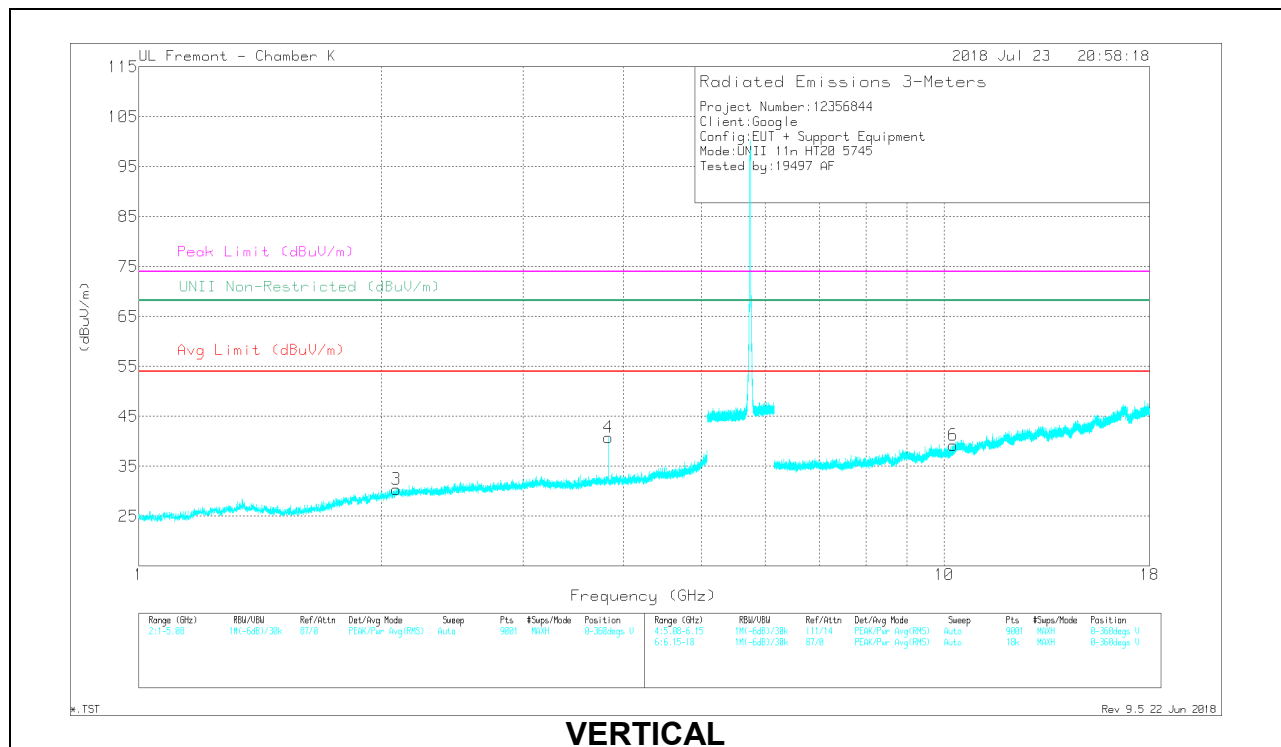
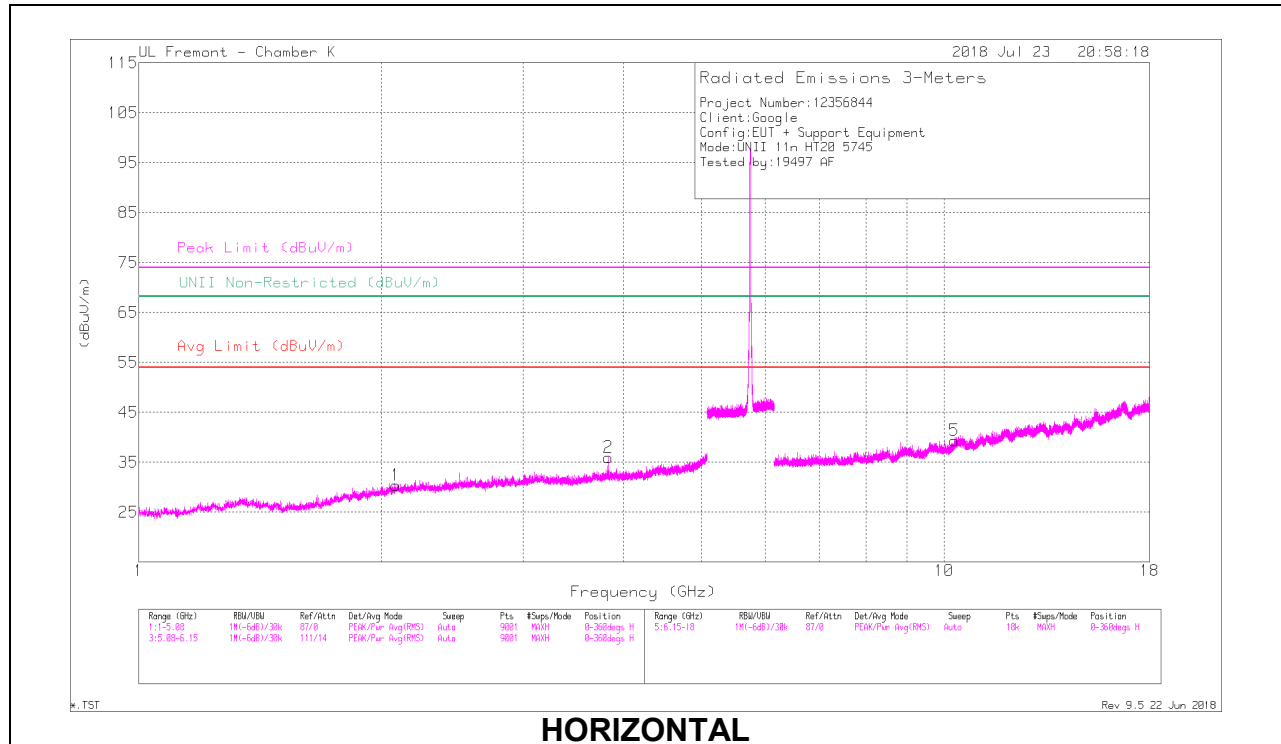


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-51.24	PK	35.4	-20	11.8	-24.04	26.99	-51.03	94	207	V
2	5.946	-67.14	PK	35.4	-19.6	11.8	-39.54	-27	-12.54	94	207	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

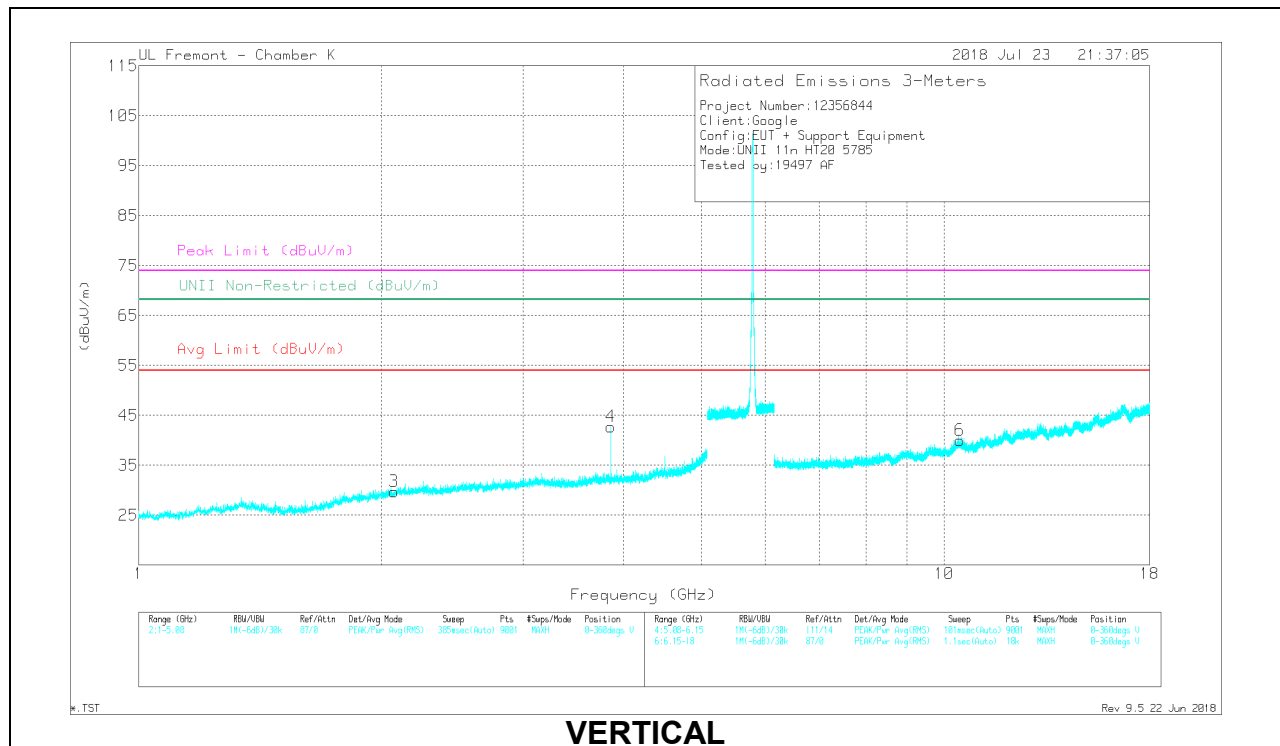
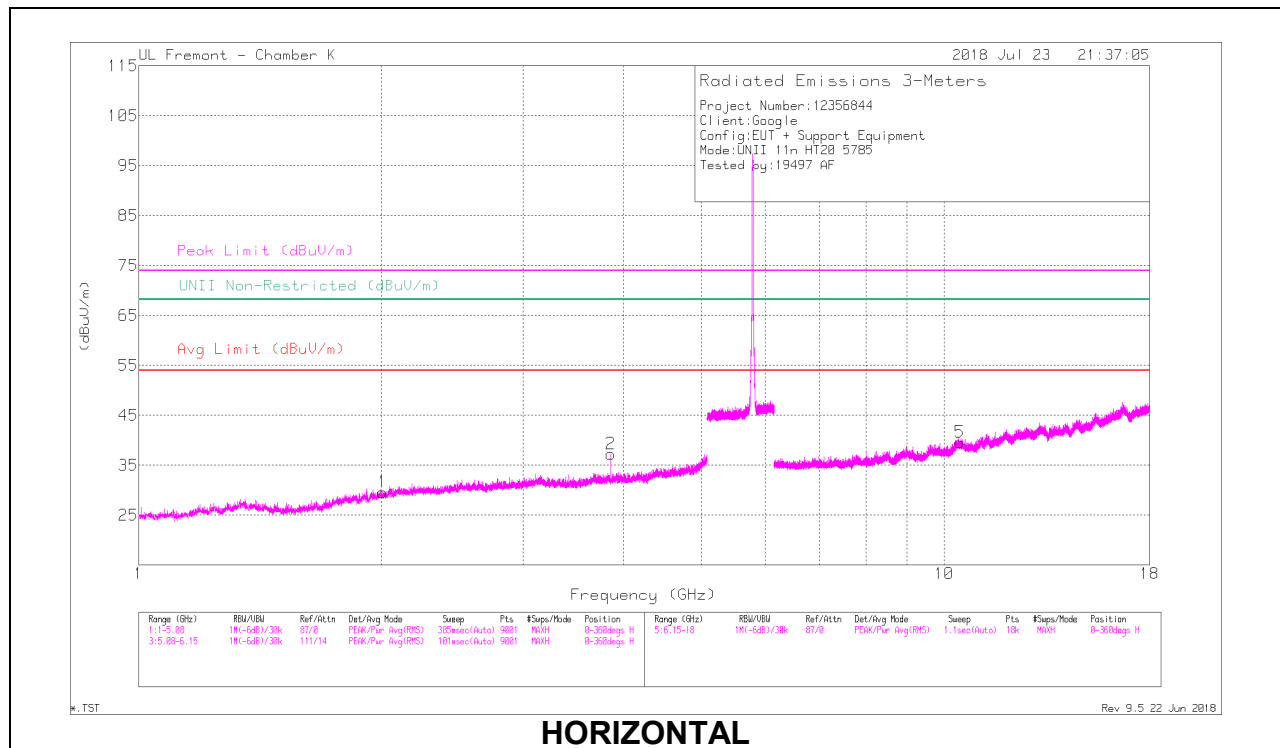
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.087	41.08	PK-U	31.5	-35.1	0	37.48	-	-	-	-	68.2	-30.72	65	391	H
2.085	31.63	ADR	31.5	-35.1	0	28.03	-	-	-	-	-	-	65	391	H
* 3.83	41.36	PK-U	33.4	-31.6	0	43.16	-	-	74	-30.84	-	-	140	109	H
* 3.83	34.1	ADR	33.4	-31.6	0	35.9	54	-18.1	-	-	-	-	140	109	H
2.087	41.88	PK-U	31.5	-35.1	0	38.28	-	-	-	-	68.2	-29.92	202	156	V
2.089	31.1	ADR	31.5	-35.1	0	27.5	-	-	-	-	-	-	202	156	V
* 3.83	41.73	PK-U	33.4	-31.6	0	43.53	-	-	74	-30.47	-	-	189	112	V
* 3.83	37.76	ADR	33.4	-31.6	0	39.56	54	-14.44	-	-	-	-	189	112	V
10.296	32.57	PK-U	37.3	-23.4	0	46.47	-	-	-	-	68.2	-21.73	8	317	H
10.297	23.15	ADR	37.3	-23.4	0	37.05	-	-	-	-	-	-	8	317	H
10.266	31.88	PK-U	37.3	-23.5	0	45.68	-	-	-	-	68.2	-22.52	250	357	V
10.265	22.68	ADR	37.3	-23.6	0	36.38	-	-	-	-	-	-	250	357	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

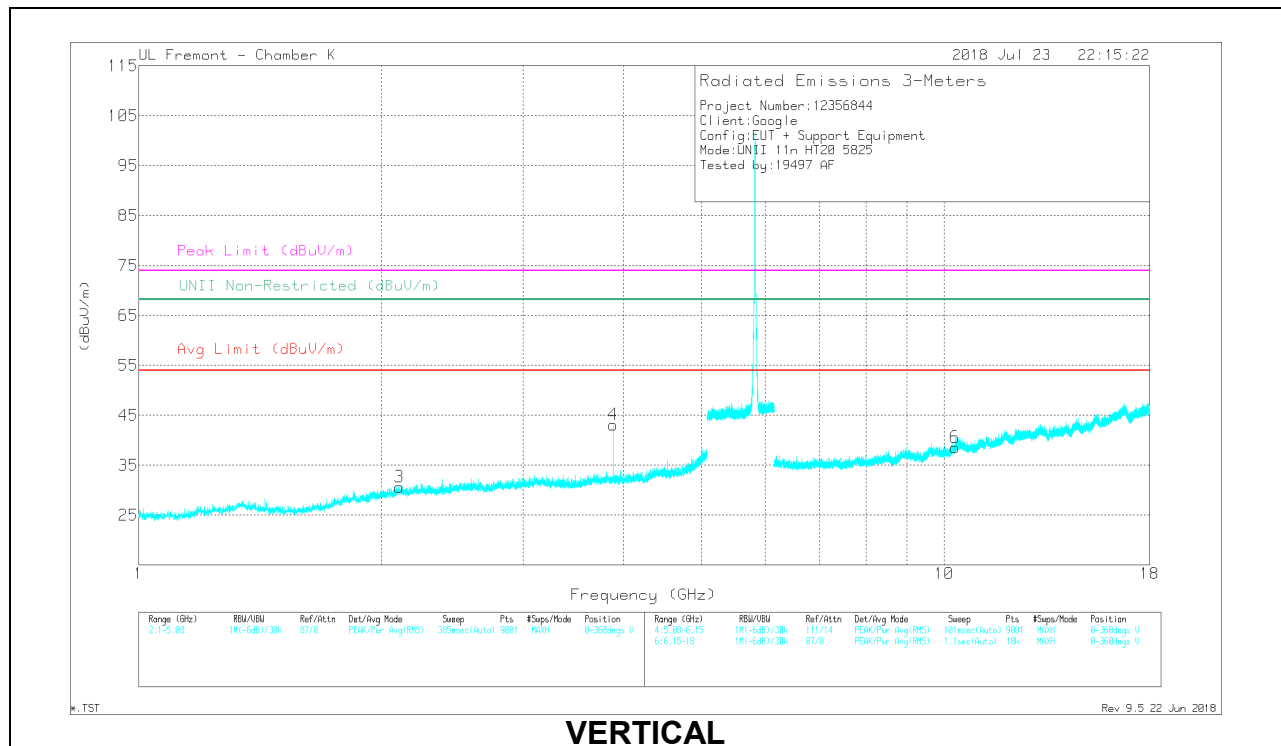
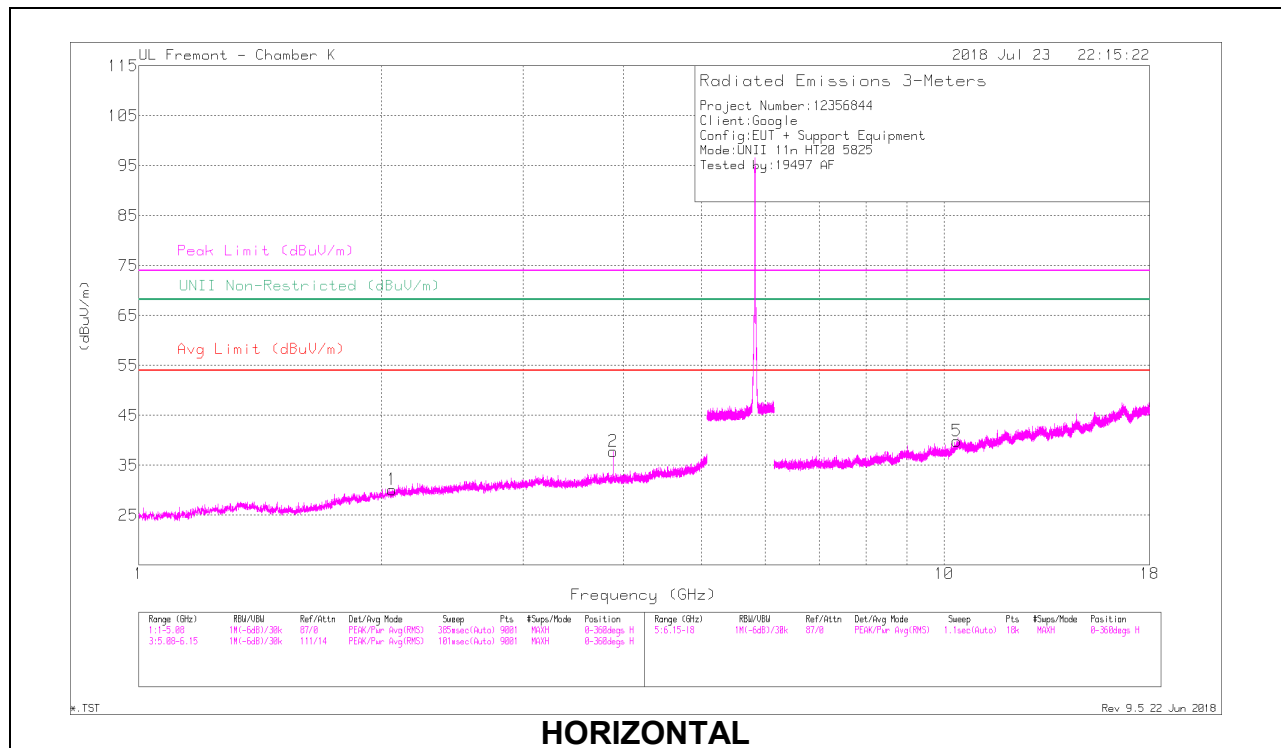
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cable/Fit/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (cm)	Polarity
2.008	41.2	PK-U	31.1	-35.2	0	37.1	-	-	-	-	68.2	-31.1	200	331	H
2.008	31.41	ADR	31.1	-35.2	0	27.31	-	-	-	-	-	-	200	331	H
* 3.857	40.81	PK-U	33.4	-31.6	0	42.61	-	-	74	-31.39	-	-	141	145	H
* 3.857	35.58	ADR	33.4	-31.6	0	37.38	54	-16.62	-	-	-	-	141	145	H
2.075	41.77	PK-U	31.4	-35.2	0	37.97	-	-	-	-	68.2	-30.23	274	309	V
2.074	31.25	ADR	31.4	-35.2	0	27.45	-	-	-	-	-	-	274	309	V
* 3.857	42.19	PK-U	33.4	-31.6	0	43.99	-	-	74	-30.01	-	-	116	259	V
* 3.857	36.59	ADR	33.4	-31.6	0	38.39	54	-15.61	-	-	-	-	116	259	V
10.457	33.3	PK-U	37.5	-23	0	47.8	-	-	-	-	68.2	-20.4	101	134	H
10.46	22.98	ADR	37.5	-22.9	0	37.58	-	-	-	-	-	-	101	134	H
10.461	32.11	PK-U	37.5	-22.9	0	46.71	-	-	-	-	68.2	-21.49	318	271	V
10.461	23.17	ADR	37.5	-22.9	0	37.77	-	-	-	-	-	-	318	271	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

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (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
2.065	40.82	PK-U	31.3	-35.2	0	36.92	-	-	-	-	68.2	-31.28	112	282	H
2.066	31.49	ADR	31.4	-35.2	0	27.69	-	-	-	-	-	-	112	282	H
* 3.883	41.33	PK-U	33.4	-31.7	0	43.03	-	-	74	-30.97	-	-	144	135	H
* 3.883	36.54	ADR	33.4	-31.7	0	38.24	54	-15.76	-	-	-	-	144	135	H
2.106	40.84	PK-U	31.6	-35.1	0	37.34	-	-	-	-	68.2	-30.86	222	314	V
2.107	31.42	ADR	31.6	-35.1	0	27.92	-	-	-	-	-	-	222	314	V
* 3.883	42.86	PK-U	33.4	-31.7	0	44.56	-	-	74	-29.44	-	-	102	196	V
* 3.883	39.32	ADR	33.4	-31.7	0	41.02	54	-12.98	-	-	-	-	102	196	V
10.372	32.82	PK-U	37.4	-23.1	0	47.12	-	-	-	-	68.2	-21.08	172	216	H
10.374	22.62	ADR	37.4	-23.1	0	36.92	-	-	-	-	-	-	172	216	H
10.322	32.26	PK-U	37.3	-23.4	0	46.16	-	-	-	-	68.2	-22.04	290	375	V
10.32	22.97	ADR	37.3	-23.4	0	36.87	-	-	-	-	-	-	290	375	V

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

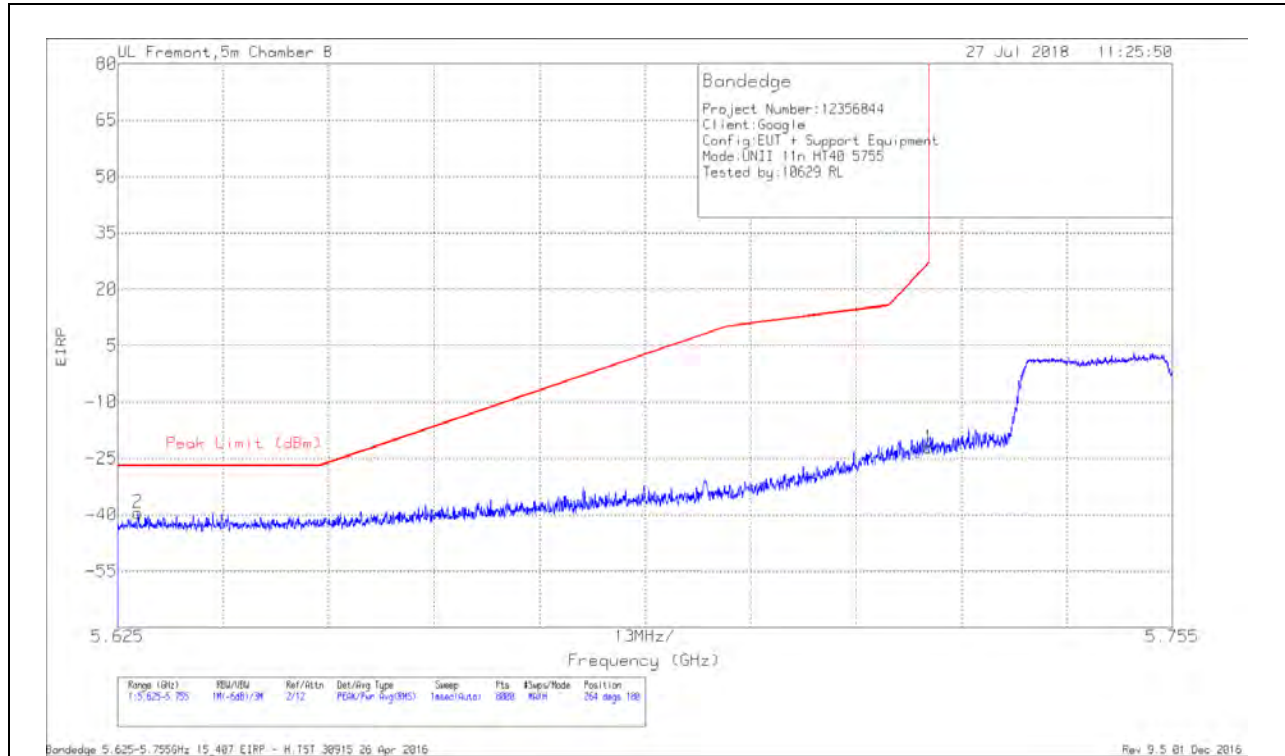
PK-U - U-NII: Maximum Peak

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

BANDEGE (LOW CHANNEL)

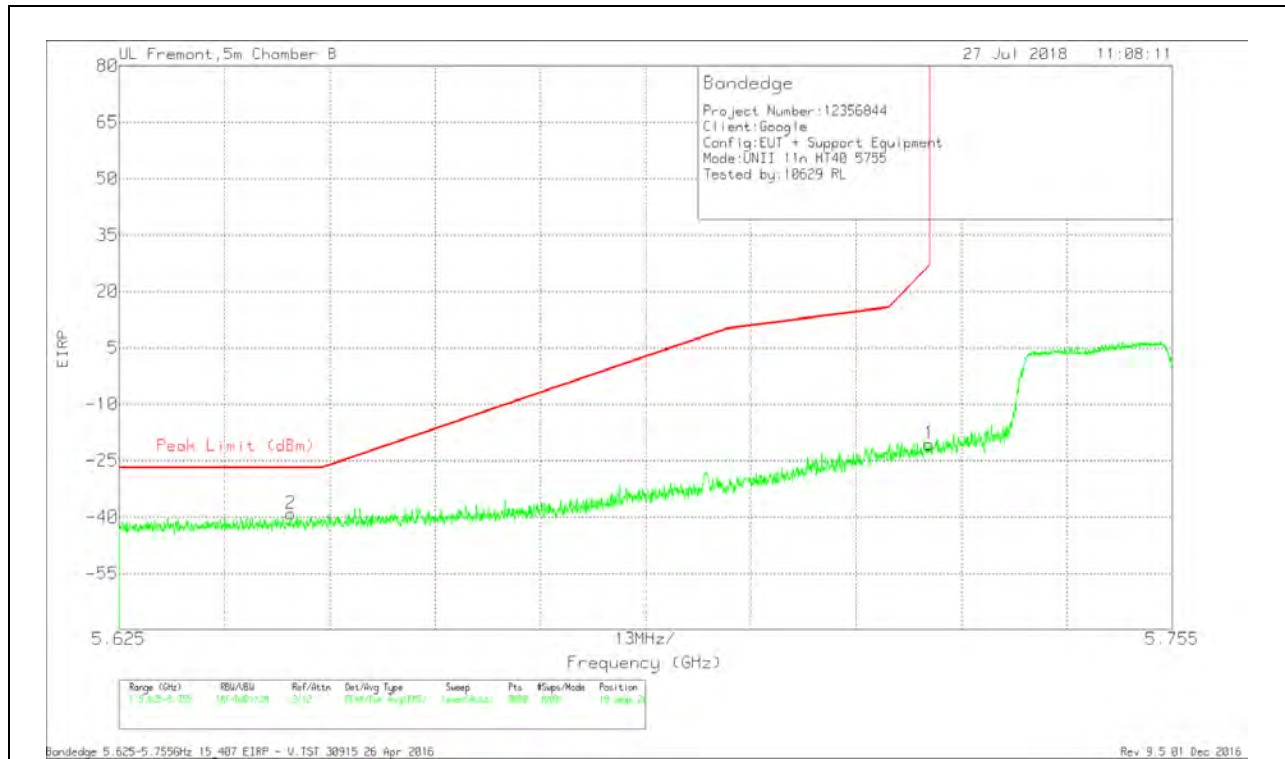
HORIZONTAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.628	-66.77	Pk	35.5	-20.1	11.8	-39.57	-27	-12.57	264	180	H
1	5.725	-49.45	Pk	35.5	-20	11.8	-22.15	27	-49.15	264	180	H

Pk - Peak detector

VERTICAL RESULT

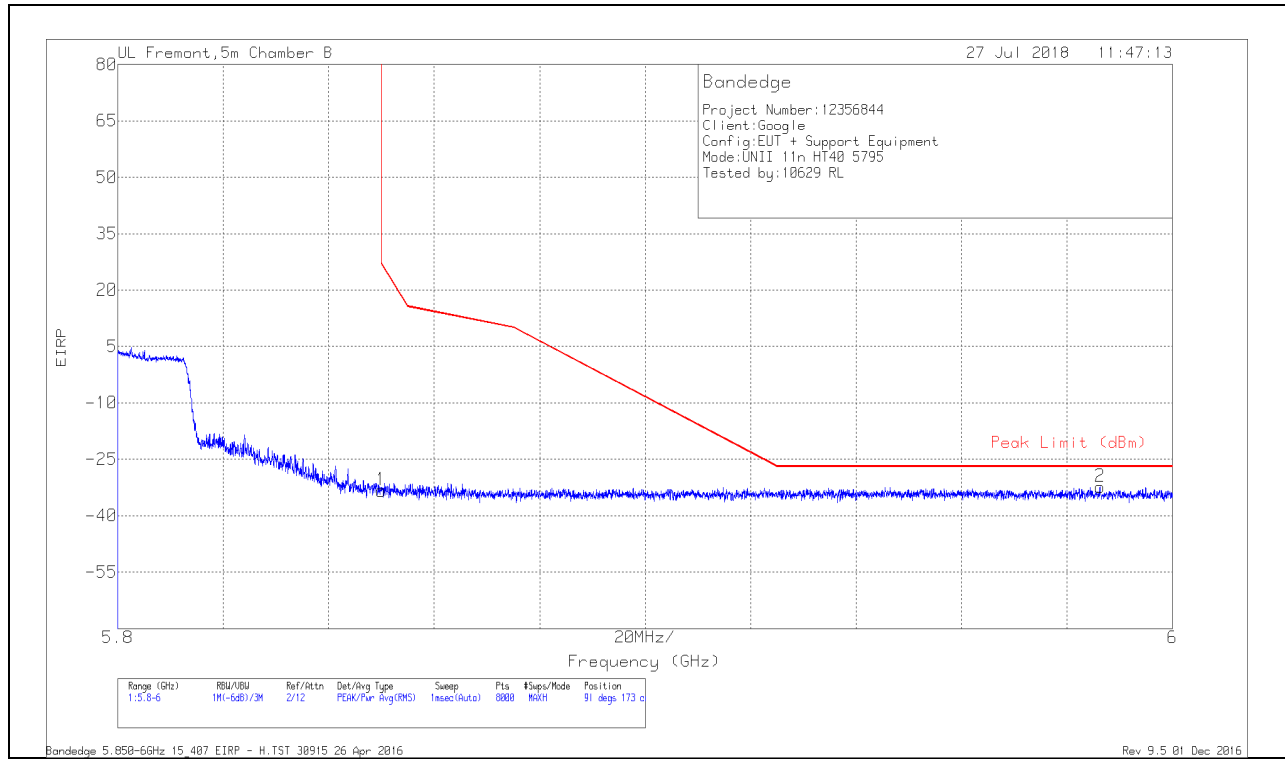


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dBm)	Amp/Cbl/Filtr/ Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.646	-66.45	Pk	35.5	-20	11.8	0	-39.15	-27	-12.15	18	260	V
1	5.725	-47.89	Pk	35.5	-20	11.8	0	-20.59	27	-47.59	18	260	V

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

BANDEDGE (HIGH CHANNEL)

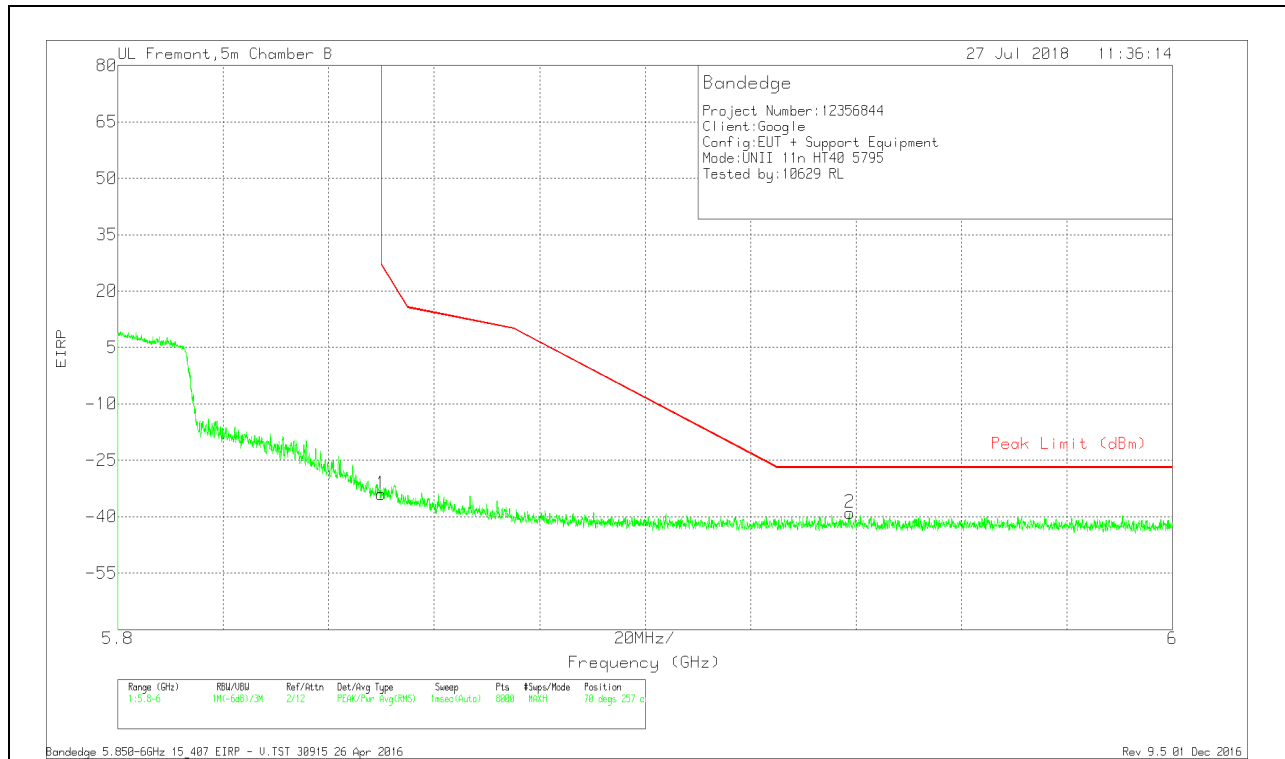
HORIZONTAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-60.53	Pk	35.4	-20	11.8	-33.33	26.99	-60.32	91	173	H
2	5.986	-59.91	Pk	35.4	-19.6	11.8	-32.31	-27	-5.31	91	173	H

Pk - Peak detector

VERTICAL RESULT

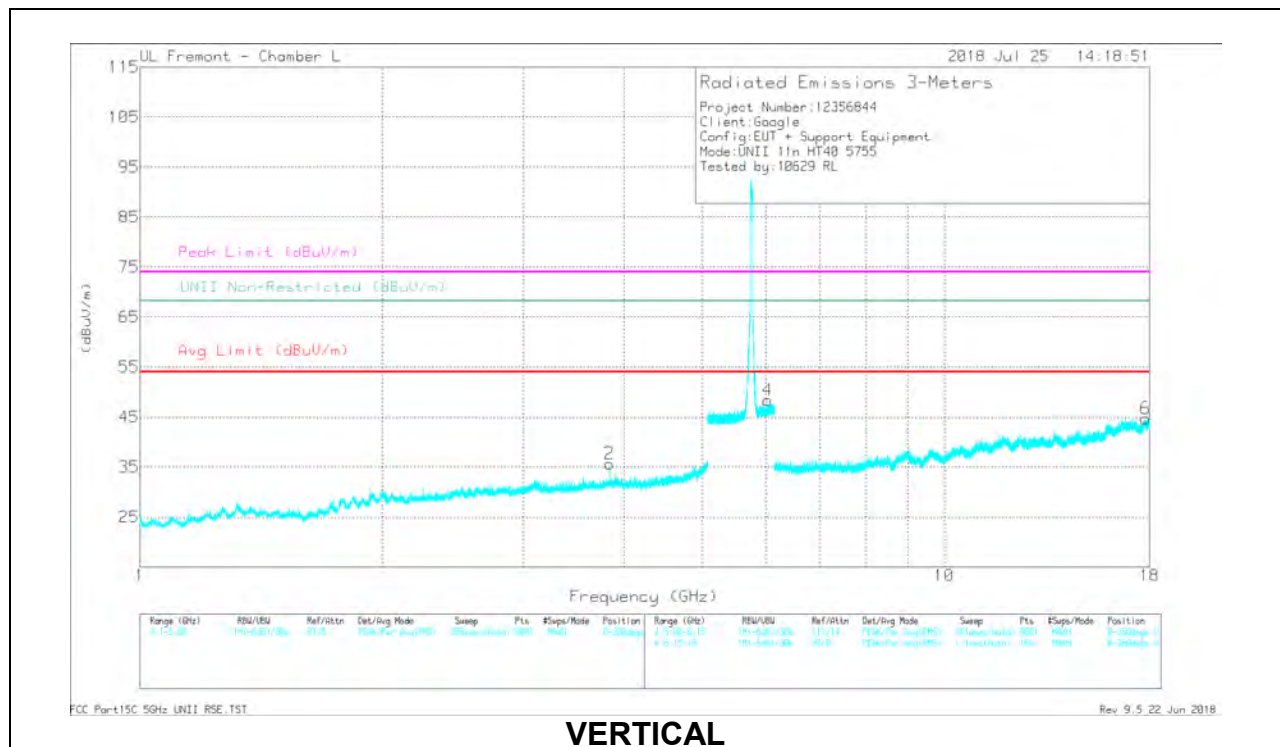
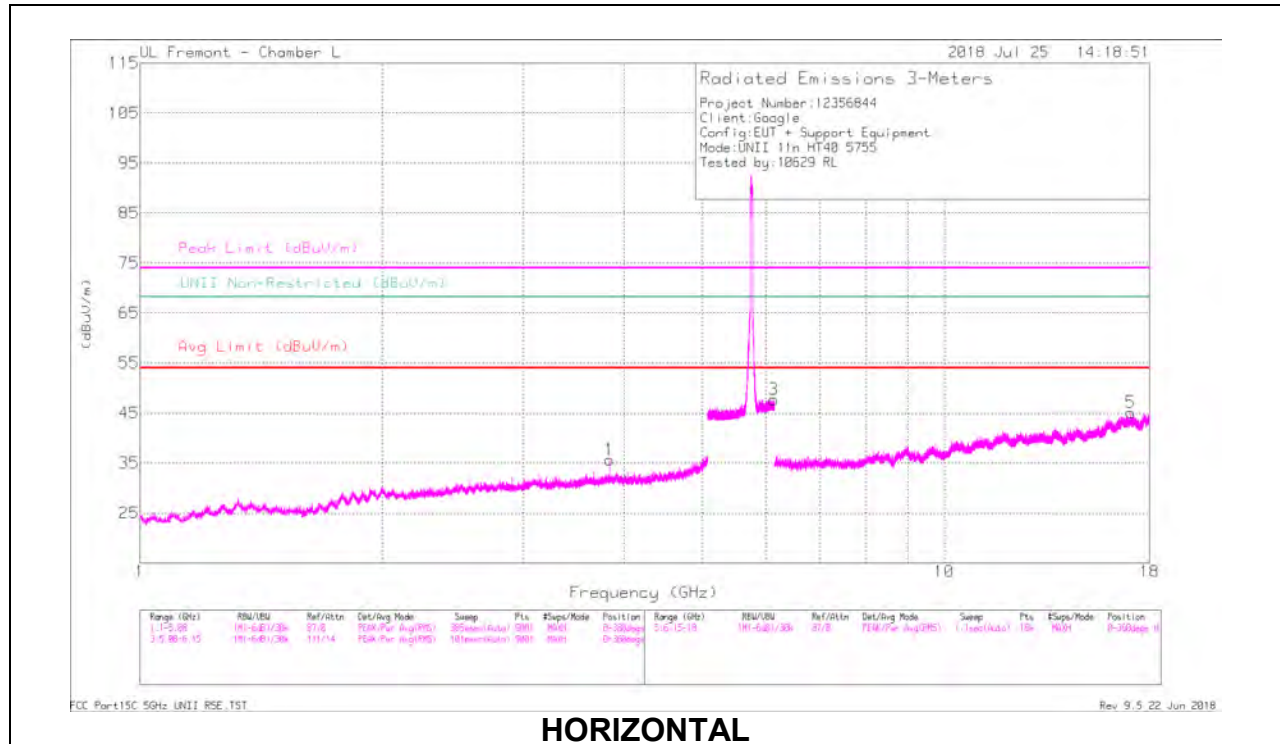


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-61.15	Pk	35.4	-20	11.8	-33.95	26.99	-60.94	70	257	V
2	5.939	-66.46	Pk	35.4	-19.7	11.8	-38.96	-27	-11.96	70	257	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

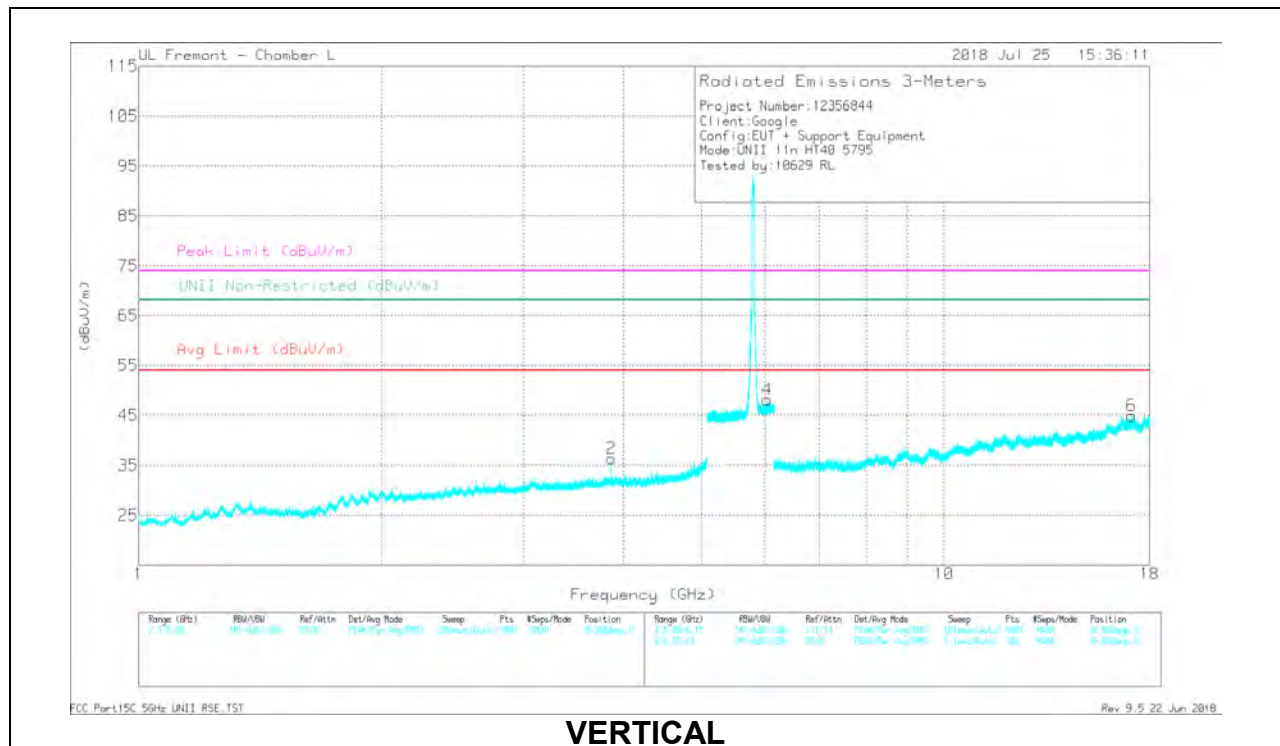
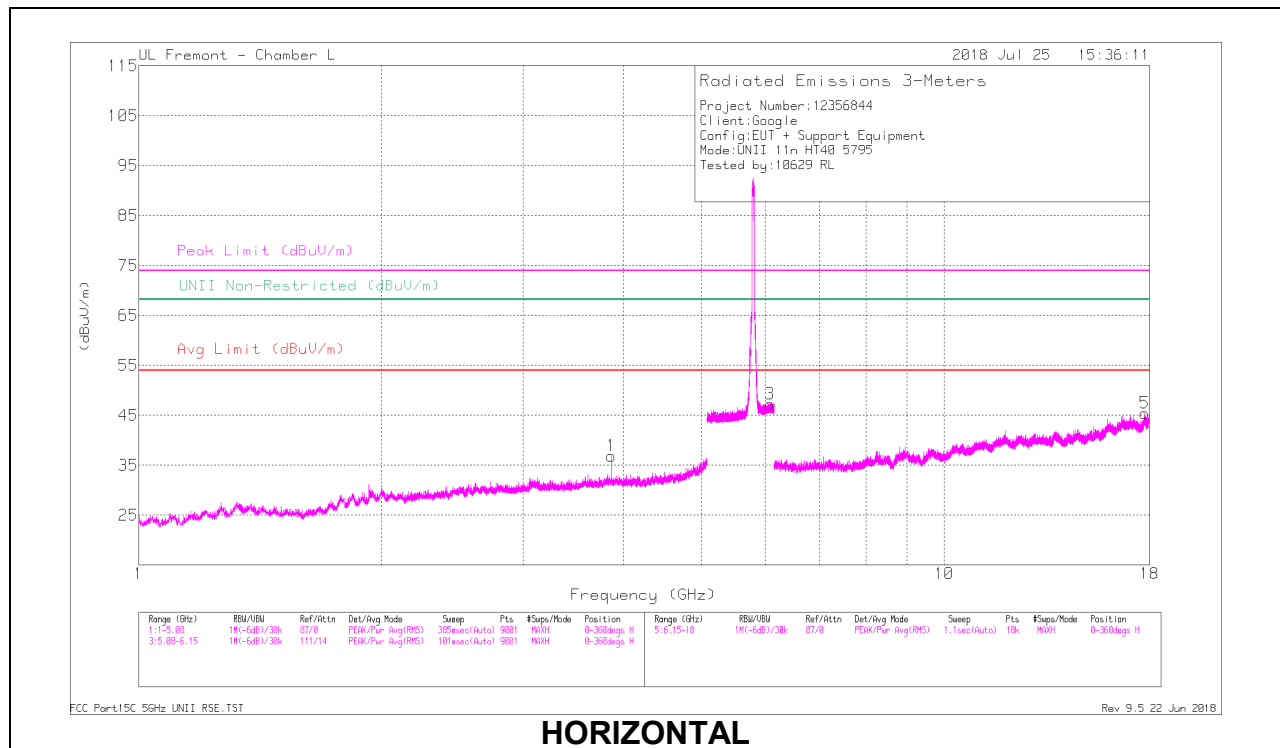
Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dBm)	Amp/Cable/InPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.836	37.78	PK-U	33.7	-30.5	0	40.98	-	-	74	-33.02	-	-	107	244	H
* 3.837	31.61	ADR	33.7	-30.5	.1	34.91	54	-19.09	-	-	-	-	107	244	H
* 3.837	38.62	PK-U	33.7	-30.5	0	41.82	-	-	74	-32.18	-	-	103	181	V
* 3.837	31.86	ADR	33.7	-30.5	.1	35.16	54	-18.84	-	-	-	-	103	181	V
6.134	33.67	PK-U	35.5	-17.7	0	51.67	-	-	-	-	68.2	-16.53	134	153	H
6.033	34.67	PK-U	35.2	-17.7	0	52.17	-	-	-	-	68.2	-16.03	256	189	V
17.065	27.91	PK-U	40.6	-19.3	0	49.21	-	-	-	-	68.2	-18.99	224	352	H
* 17.801	27.46	PK-U	40.5	-17.8	0	50.16	-	-	74	-23.84	-	-	186	234	V
* 17.801	19.15	ADR	40.5	-17.8	.1	41.95	54	-12.05	-	-	-	-	186	234	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

Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.863	38.01	PK-U	33.7	-29.9	41.81	-	-	74	-32.19	-	-	108	184	H
* 3.863	31.51	ADR	33.7	-29.9	35.31	54	-18.69	-	-	-	-	108	184	H
* 3.863	38.17	PK-U	33.7	-29.9	41.97	-	-	74	-32.03	-	-	103	186	V
* 3.863	31.67	ADR	33.7	-29.9	35.67	54	-18.33	-	-	-	-	103	186	V
6.079	34.03	PK-U	35.3	-17.6	51.73	-	-	-	-	68.2	-16.47	167	186	H
6.034	35.63	PK-U	35.3	-17.7	53.23	-	-	-	-	68.2	-14.97	243	228	V
* 17.754	28.73	PK-U	40.5	-18.2	51.03	-	-	74	-22.97	-	-	212	352	H
* 17.756	19.48	ADR	40.5	-18.2	41.78	54	-12.22	-	-	-	-	212	352	H
17.099	28.18	PK-U	40.6	-19.1	49.68	-	-	-	-	68.2	-18.52	50	107	V

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

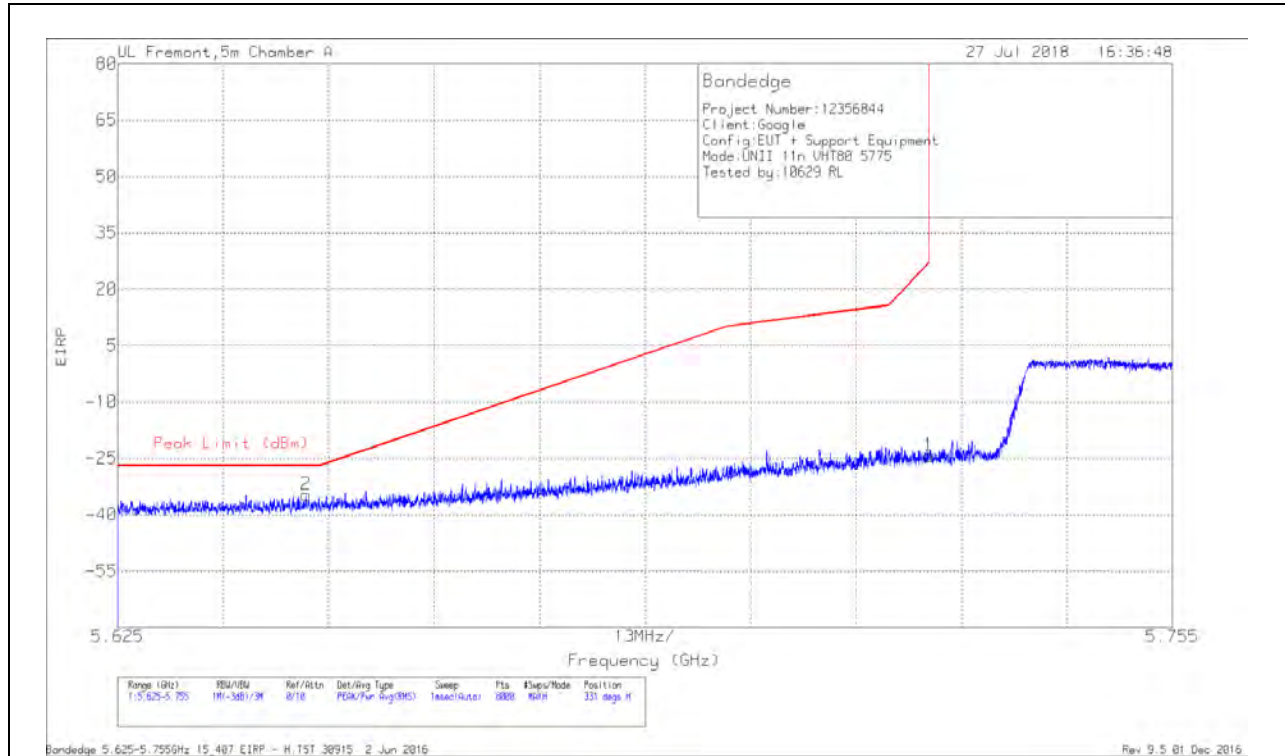
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (CHANNEL 155 LOW EDGE)

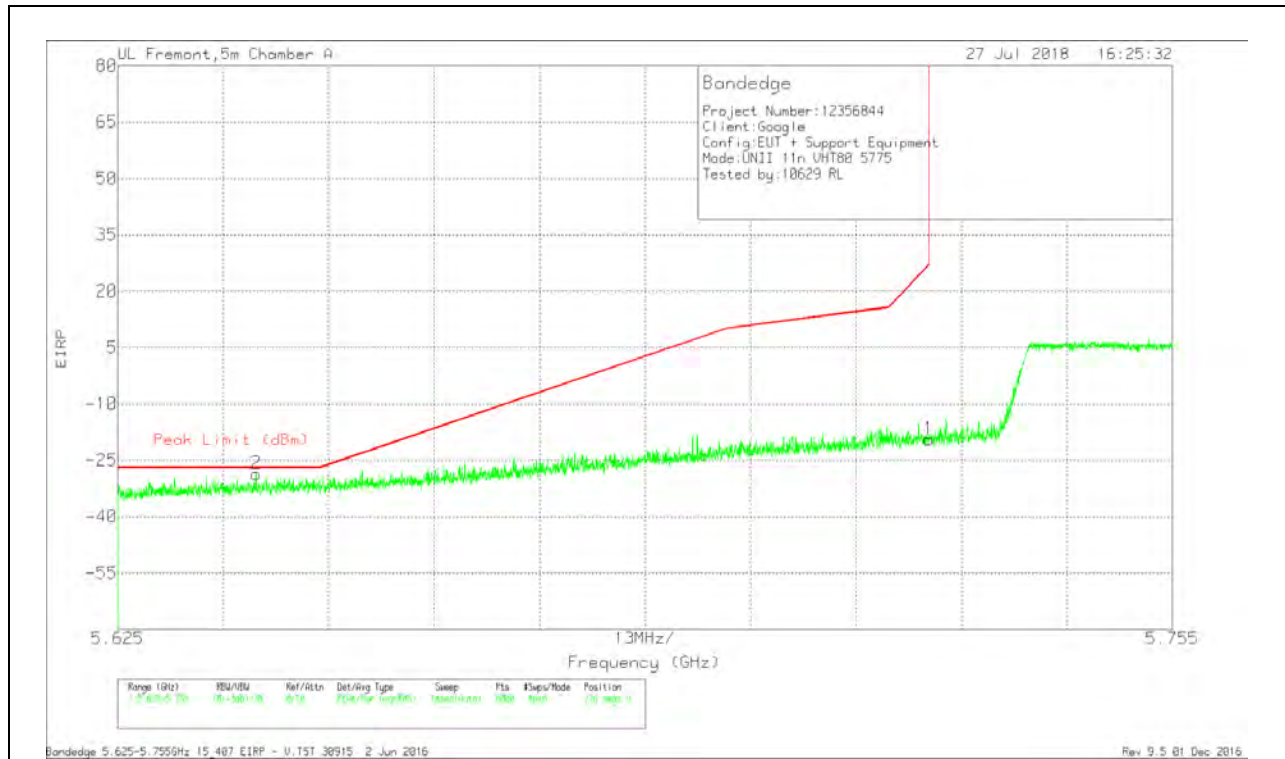
HORIZONTAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Conversion Factor (dB)	DC Corr (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648	-63.69	Pk	35.1	-18	11.8	0	-34.79	-27	-7.79	331	270	H
1	5.725	-53.3	Pk	35	-17.9	11.8	0	-24.4	27	-51.4	331	270	H

Pk - Peak detector

VERTICAL RESULT

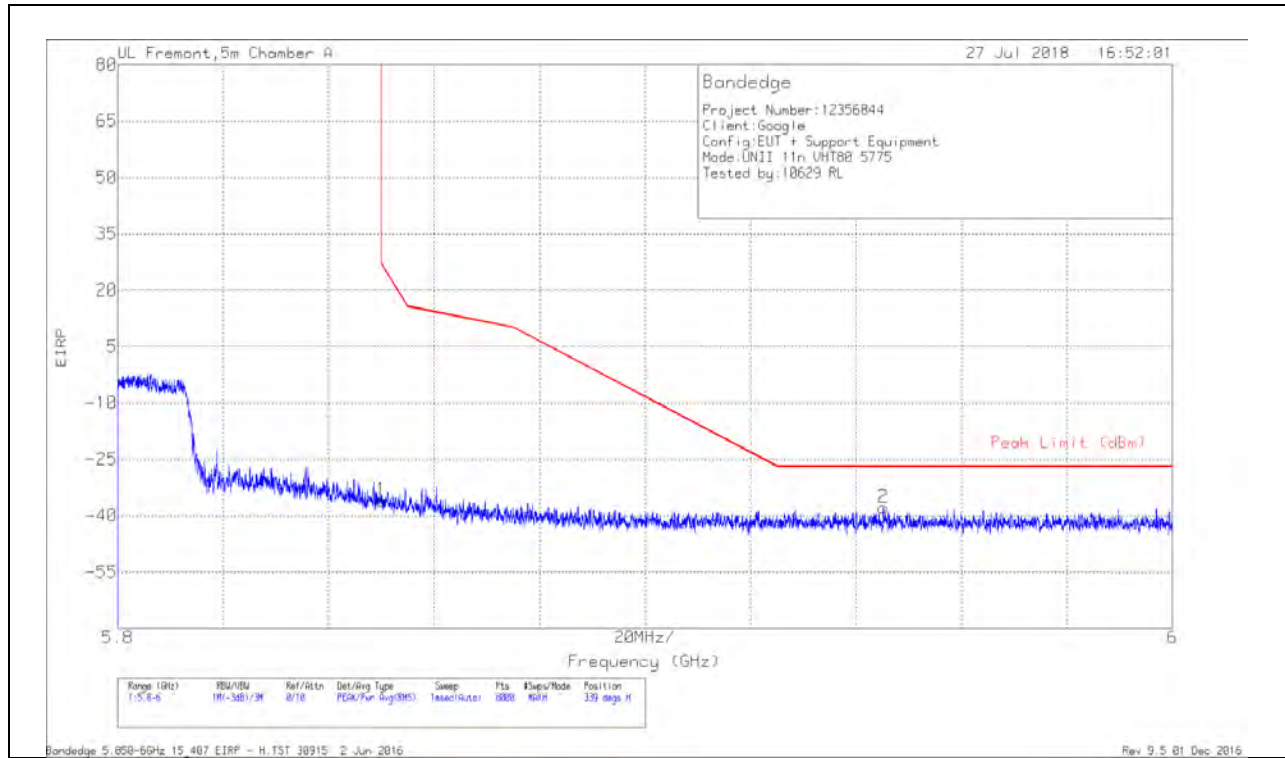


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dBm)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.642	-57.53	Pk	35.1	-18	11.8	0	-28.63	-27	-1.63	276	192	V
1	5.725	-48.32	Pk	35	-17.9	11.8	0	-19.42	27	-46.42	276	192	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

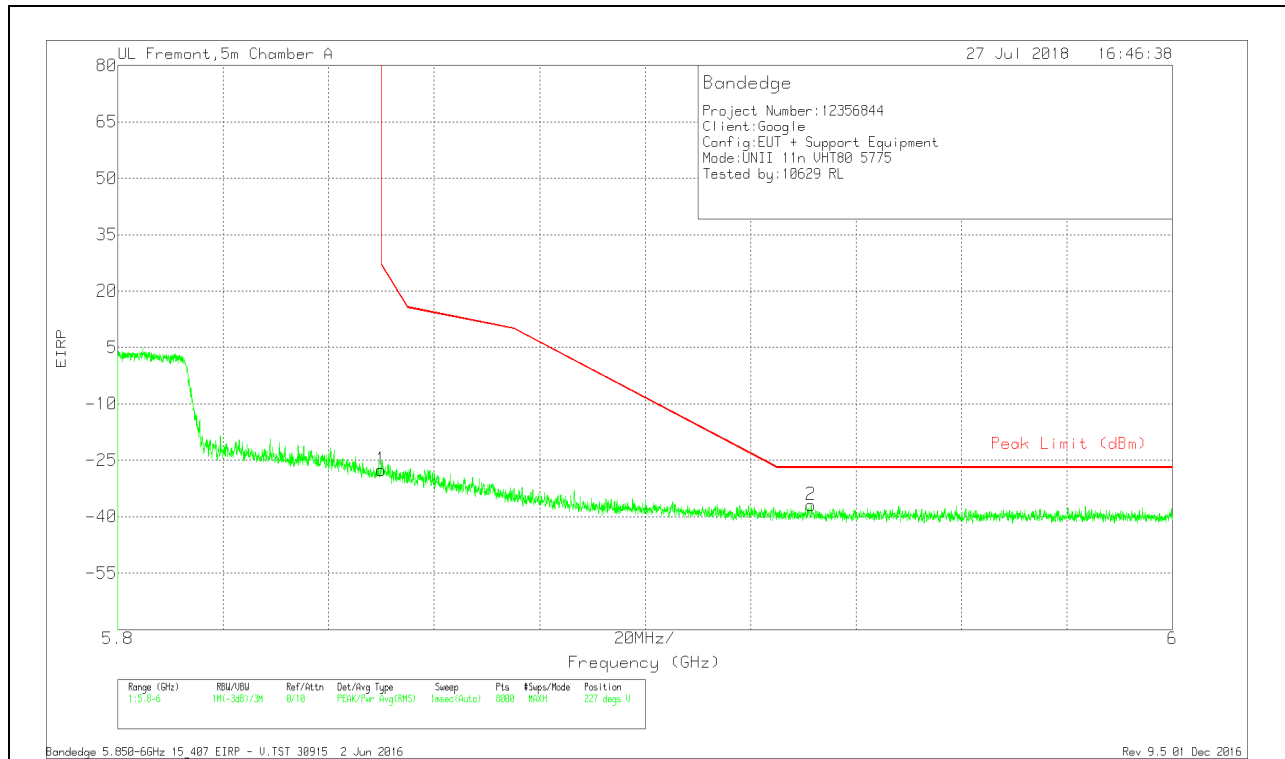
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filt/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	-65.01	Pk	35.1	-17.8	11.8	0	-35.91	26.99	-62.9	339	211	H
2	5.945	-67.46	Pk	35.3	-17.5	11.8	0	-37.86	-27	-10.86	339	211	H

Pk - Peak detector

VERTICAL RESULT

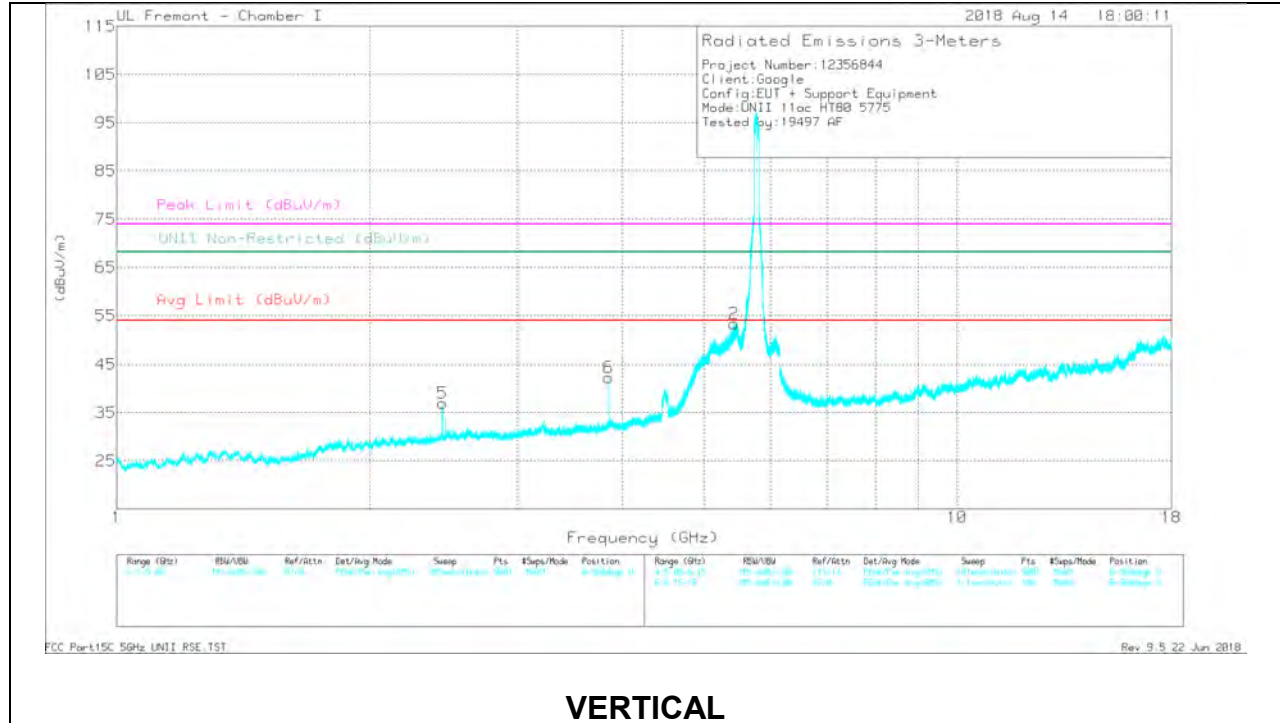
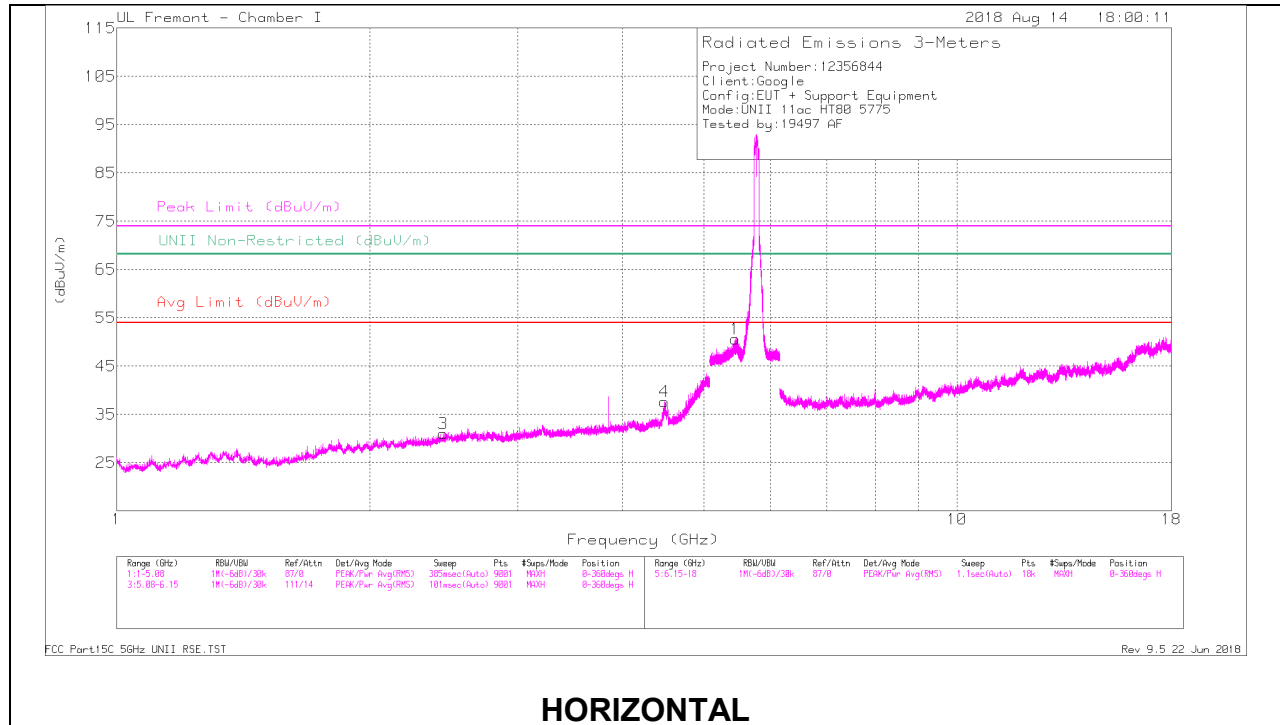


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dBm)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-56.69	Pk	35.1	-17.8	11.8	0	-27.59	26.99	-54.58	227	261	V
2	5.931	-66.48	Pk	35.2	-17.5	11.8	0	-36.98	-27	-9.98	227	261	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Frequency (MHz)	Meter Reading (dBuV)	Det	AF TRG2 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.447	37.27	PK-U	32.2	-31.7	0	37.77	-	-	-	-	68.2	-30.43	291	364	H
4.489	40.56	PK-U	33.6	-28.6	0	45.56	-	-	-	-	68.2	-22.64	235	110	H
* 3.85	42.39	PK-U	32.9	-29.8	0	45.49	-	-	74	-28.51	-	-	225	228	V
* 3.85	37.71	ADR	32.9	-29.8	.19	41	54	-13	-	-	-	-	225	228	V
2.441	37.81	PK-U	32.2	-31.6	0	38.41	-	-	-	-	68.2	-29.79	49	268	V
* 5.45	42.8	PK-U	34.5	-17.9	0	59.4	-	-	74	-14.6	-	-	226	102	H
* 5.45	32.92	ADR	34.5	-17.9	.19	49.71	54	-4.29	-	-	-	-	226	102	H
* 5.427	43.68	PK-U	34.5	-18.1	0	60.08	-	-	74	-13.92	-	-	249	100	V
* 5.427	33.25	ADR	34.5	-18.1	.19	49.84	54	-4.16	-	-	-	-	249	100	V

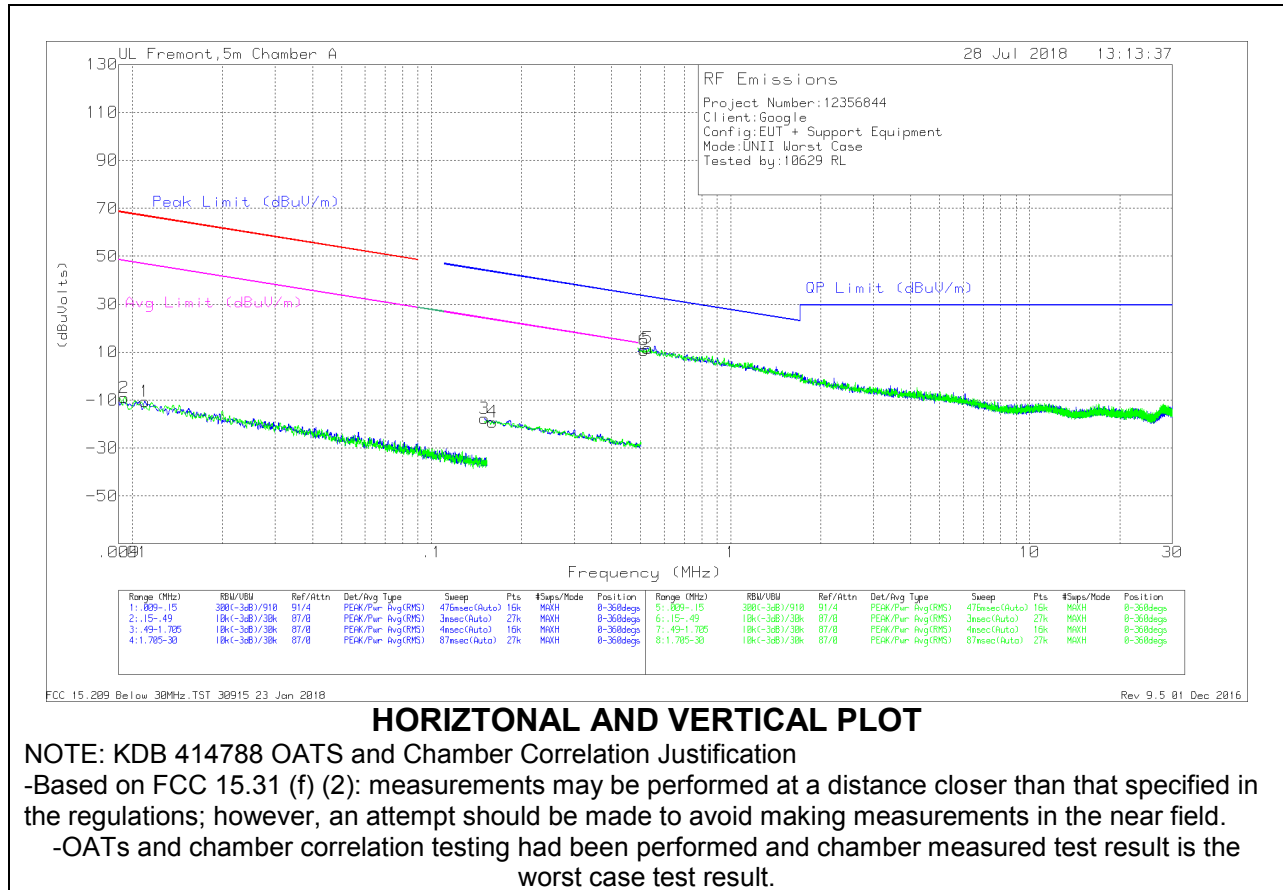
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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)



HORIZONTAL AND VERTICAL PLOT

NOTE: KDB 414788 OATS and Chamber Correlation Justification

- Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.
- OATs and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

Below 30 MHz Data

Trace Markers

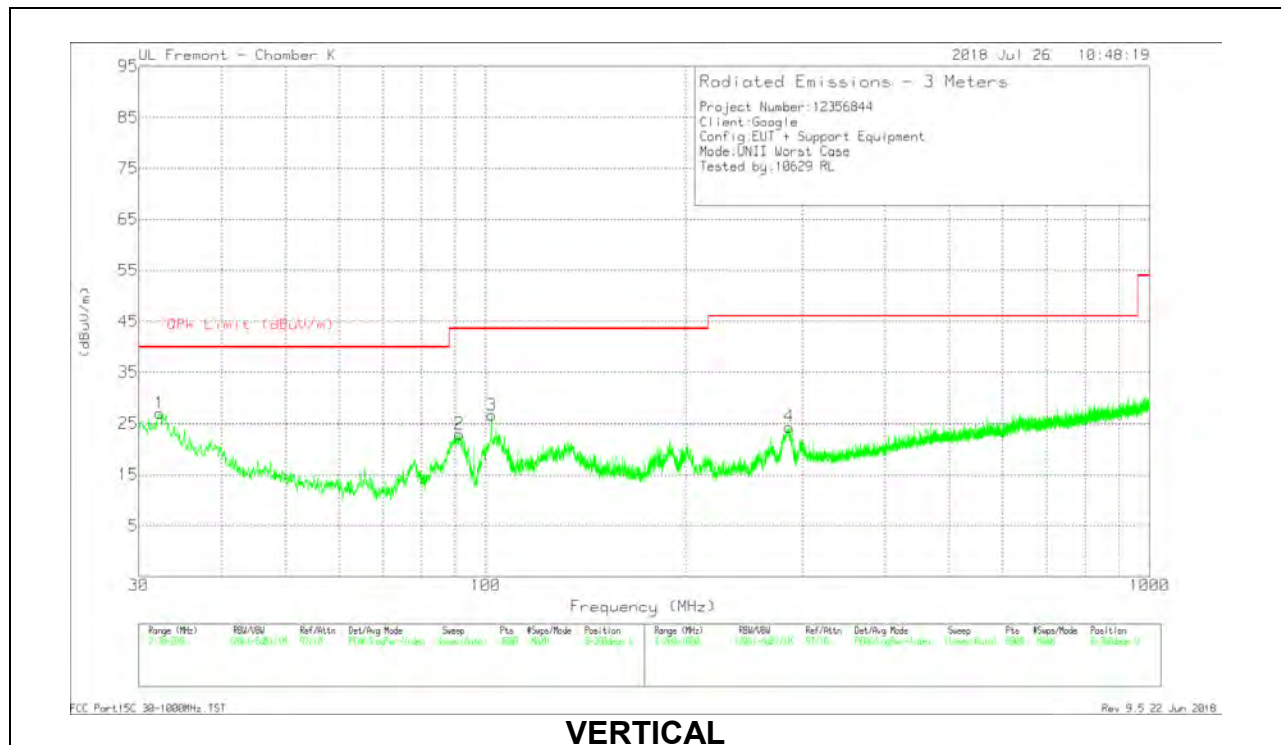
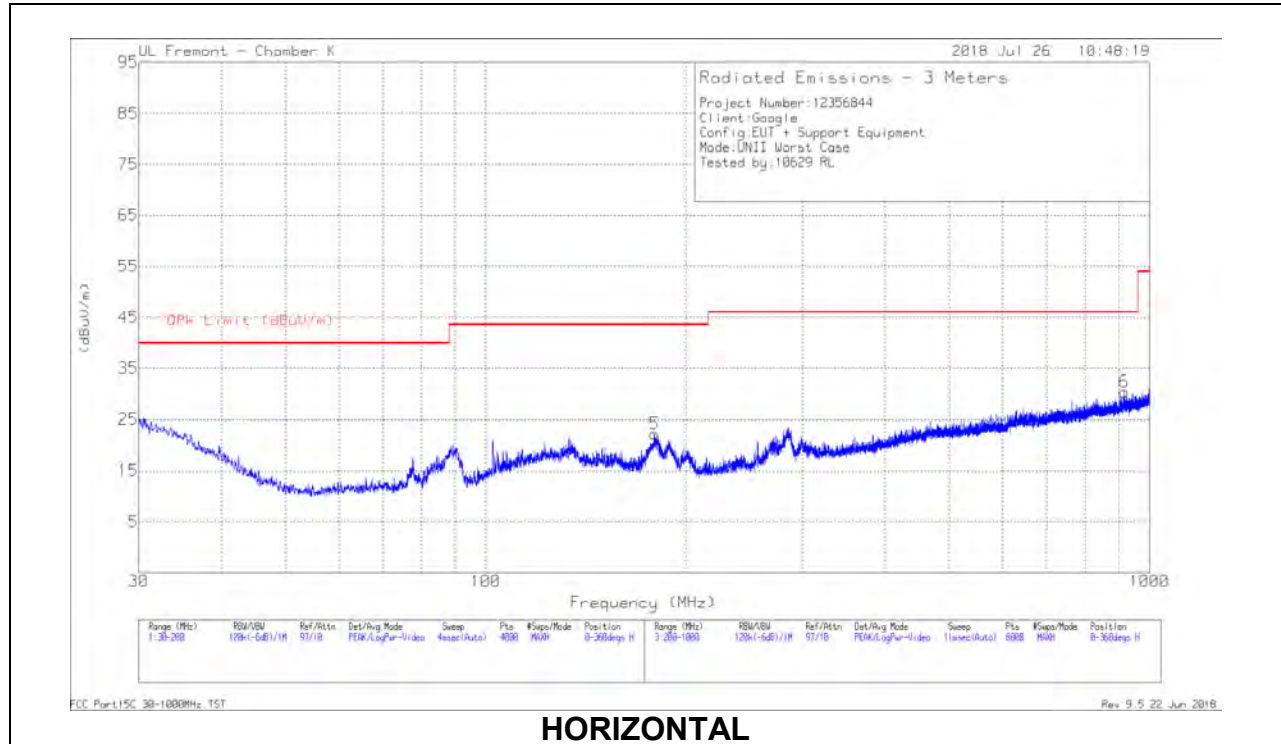
Marker	Frequency(MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
2	.00939	55.46	Pk	15.5	.1	-80	-8.94	68.13	-77.07	48.13	-57.07	0-360
1	.01099	54.21	Pk	15.1	.1	-80	-10.59	66.76	-77.35	46.76	-57.35	0-360
3	.15005	48.41	Pk	13.8	.1	-80	-17.69	44.1	-61.79	24.1	-41.79	0-360
4	.15993	46.98	Pk	13.8	.1	-80	-19.12	43.54	-62.66	23.54	-42.66	0-360

Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
6	.51322	36.86	Pk	13.9	.1	-40	10.86	33.4	-22.54	0-360
5	.52834	37.65	Pk	13.9	.1	-40	11.65	33.15	-21.5	0-360

Pk - Peak detector

9.3. Worst Case Below 1 GHz

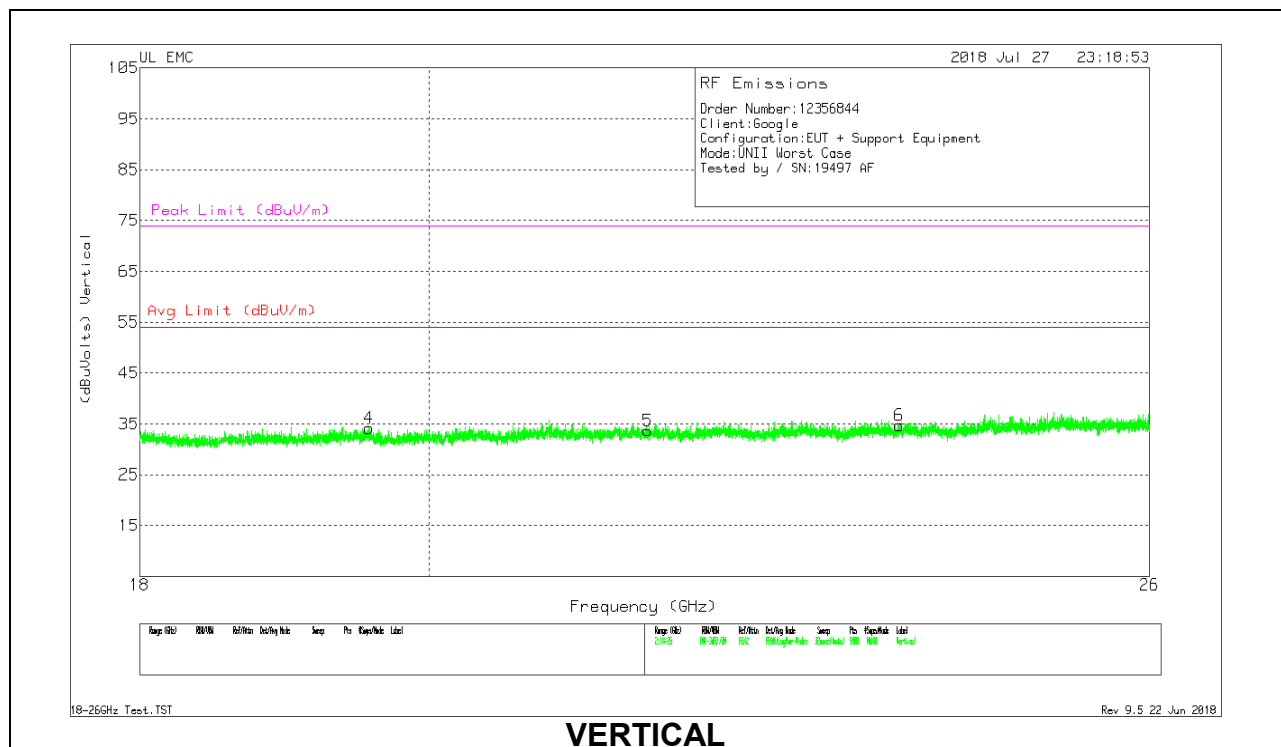
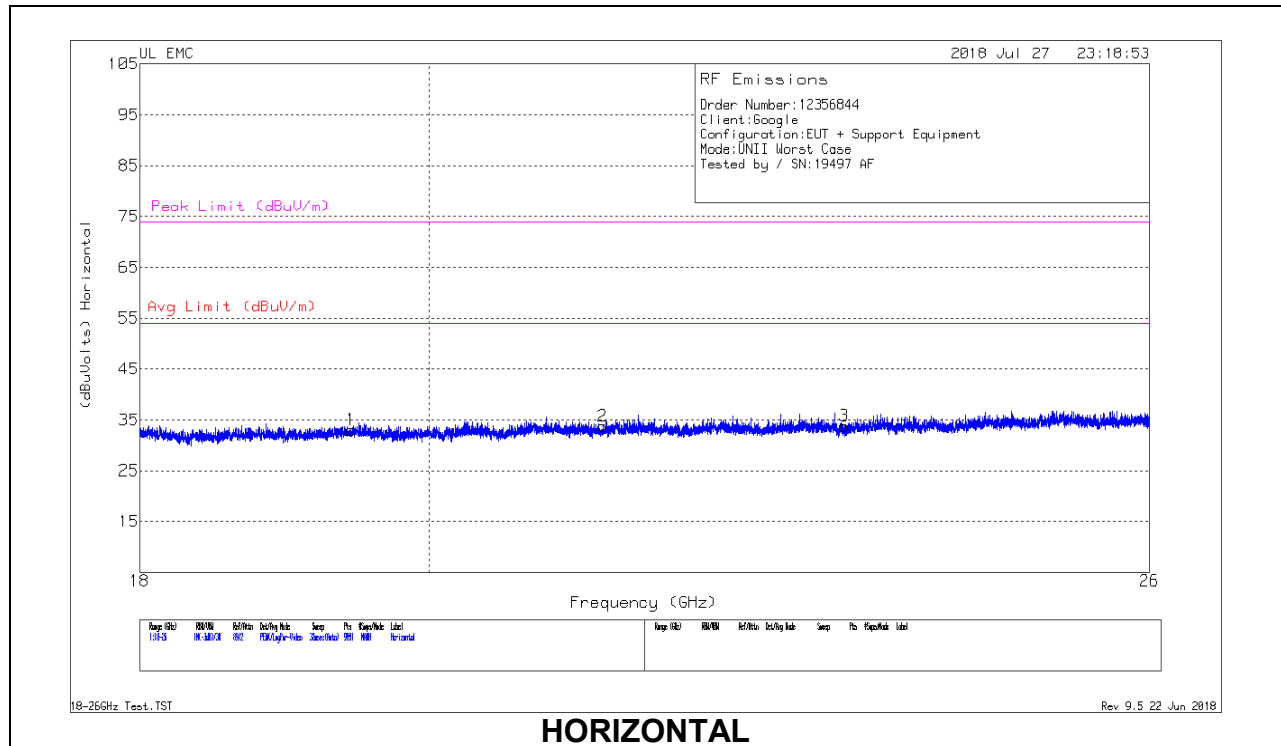


Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	179.6387	33.41	Pk	15.3	-26.5	22.21	43.52	-21.31	0-360	199	H
1	32.2531	31.23	Pk	23.5	-27.7	27.03	40	-12.97	0-360	100	V
2	91.2158	38.16	Pk	11.9	-27.1	22.96	43.52	-20.56	0-360	100	V
3	102.0561	38.81	Pk	14.9	-27.1	26.61	43.52	-16.91	0-360	100	V
6	915.793	26.73	Pk	26.7	-23	30.43	46.02	-15.59	0-360	299	H
4	286.4112	32.82	Pk	17.3	-25.8	24.32	46.02	-21.7	0-360	100	V

Pk - Peak detector

9.4. Worst Case 18-26 GHz

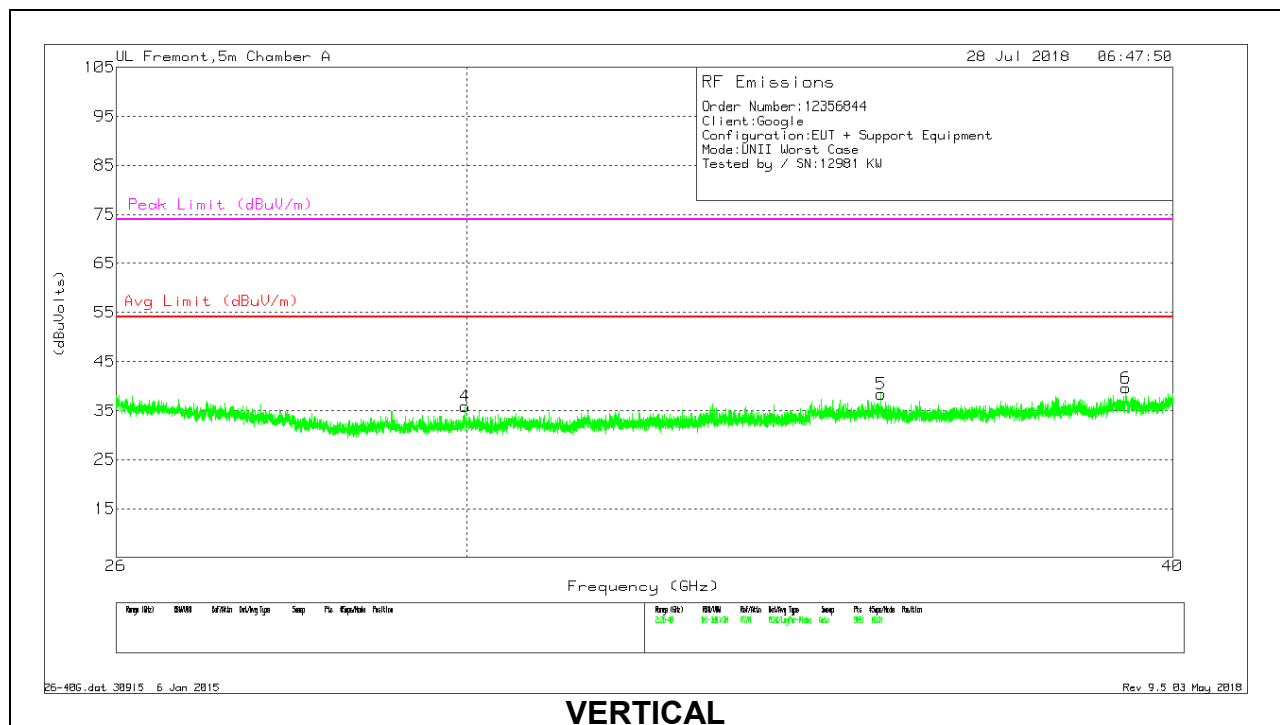
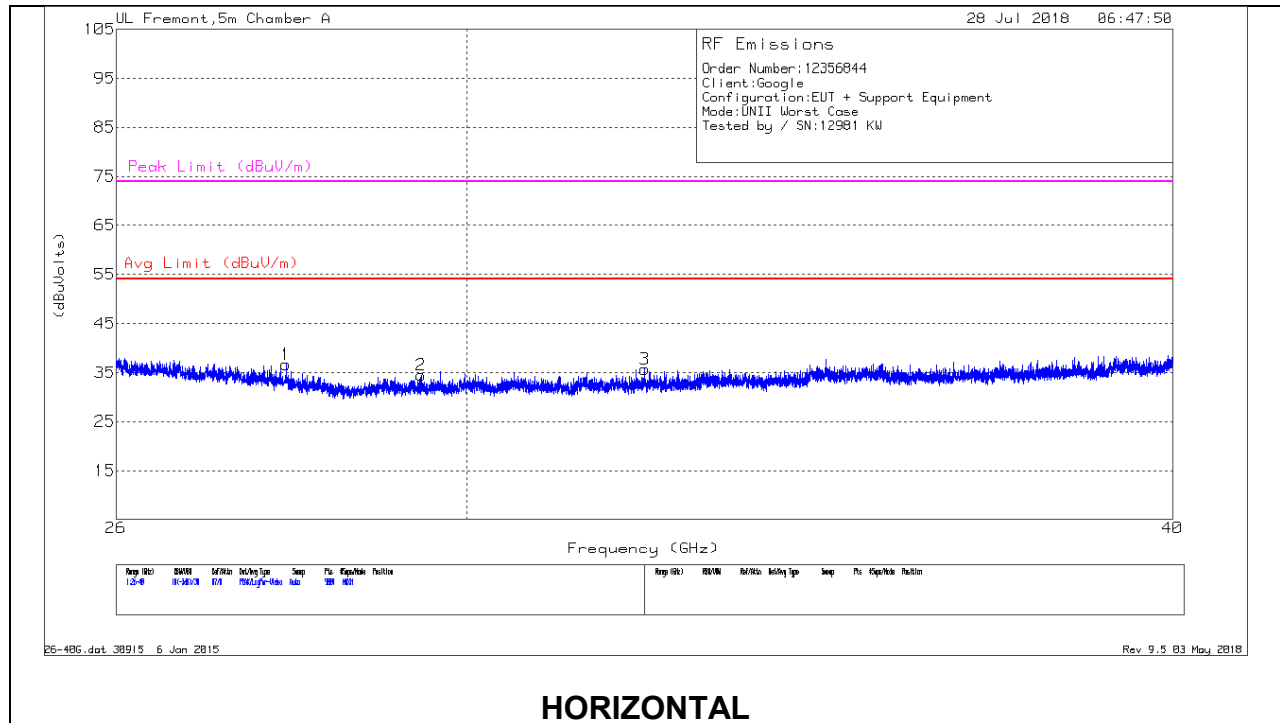


18 – 26GHz DATA

Marker	Frequenc y (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	19.442	67.03	Pk	32.7	-57.2	-9.5	33.03	54	-20.97	74	-40.97
2	21.307	67.42	Pk	33.1	-57.3	-9.5	33.72	54	-20.28	74	-40.28
3	23.265	66.71	Pk	33.6	-57	-9.5	33.81	54	-20.19	74	-40.19
4	19.567	68.04	Pk	32.6	-57	-9.5	34.14	54	-19.86	74	-39.86
5	21.66	67.65	Pk	33.3	-57.8	-9.5	33.65	54	-20.35	74	-40.35
6	23.732	67.05	Pk	33.9	-56.8	-9.5	34.65	54	-19.35	74	-39.35

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	27.87	41.72	Pk	35.8	-31.4	-9.5	36.62	54	-17.38	74	-37.38
2	29.447	40.45	Pk	35.9	-32.4	-9.5	34.45	54	-19.55	74	-39.55
4	29.978	41.71	Pk	36	-32.4	-9.5	35.81	54	-18.19	74	-38.19
3	32.255	41.5	Pk	36.5	-32.8	-9.5	35.7	54	-18.3	74	-38.3
5	35.52	43.38	Pk	37.9	-33.4	-9.5	38.38	54	-15.62	74	-35.62
6	39.249	42.49	Pk	38.6	-32	-9.5	39.59	54	-14.41	74	-34.41

Pk - Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

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.

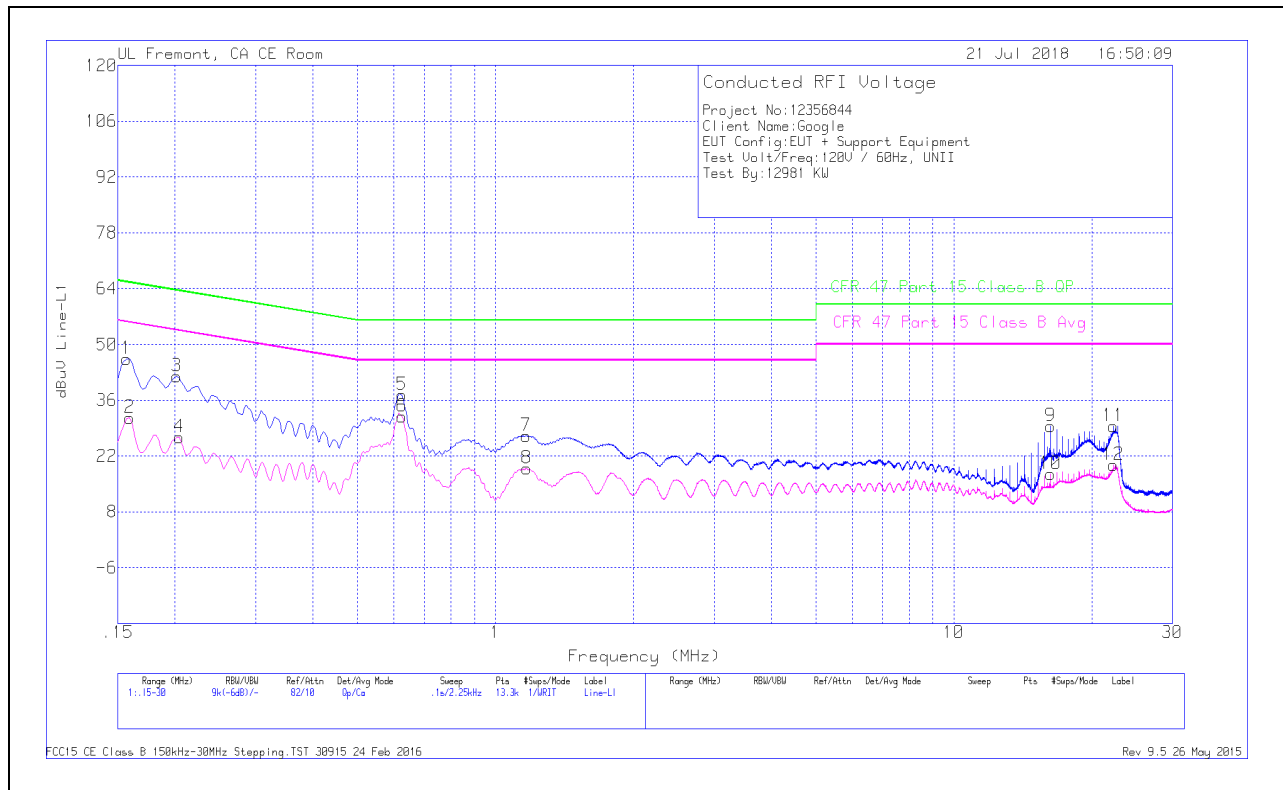
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.1.1. EUT POWERED BY AC/DC ADAPTER

LINE 1 RESULTS

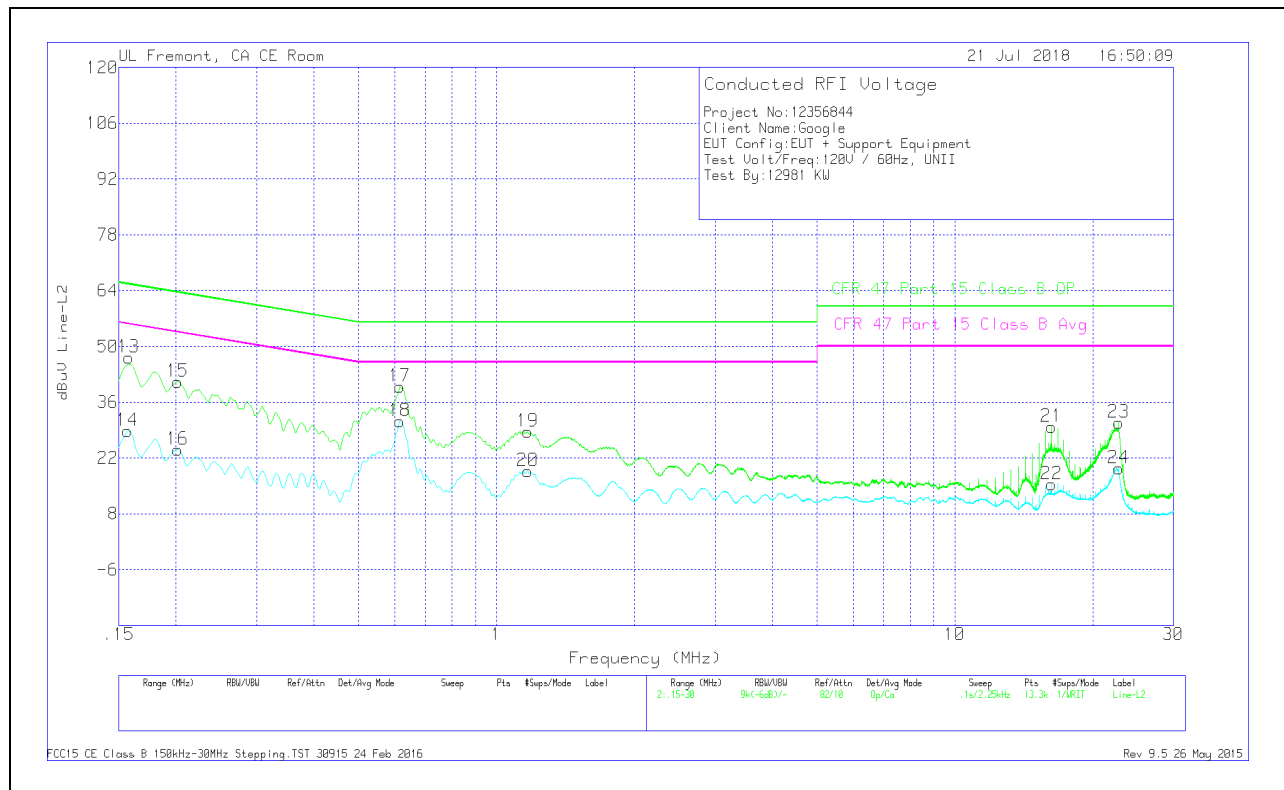


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.15675	36.22	Qp	.1	0	10.1	46.42	65.63	-19.21	-	-
2	.159	21.39	Ca	.1	0	10.1	31.59	-	-	55.52	-23.93
3	.20175	31.91	Qp	0	0	10.1	42.01	63.54	-21.53	-	-
4	.204	16.68	Ca	0	0	10.1	26.78	-	-	53.45	-26.67
5	.62475	27.21	Qp	0	0	10.1	37.31	56	-18.69	-	-
6	.62475	21.88	Ca	0	0	10.1	31.98	-	-	46	-14.02
7	1.167	16.89	Qp	0	.1	10.1	27.09	56	-28.91	-	-
8	1.16925	8.75	Ca	0	.1	10.1	18.95	-	-	46	-27.05
9	16.2712	18.84	Qp	.1	.3	10.3	29.54	60	-30.46	-	-
10	16.2712	6.83	Ca	.1	.3	10.3	17.53	-	-	50	-32.47
11	22.2787	18.75	Qp	.1	.3	10.4	29.55	60	-30.45	-	-
12	22.2787	8.95	Ca	.1	.3	10.4	19.75	-	-	50	-30.25

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	.15788	45.46	Qp	.1	0	10.1	55.66	65.57	-9.91	-	-
14	.15675	18.52	Ca	.1	0	10.1	28.72	-	-	55.63	-26.91
15	.20175	31.1	Qp	0	0	10.1	41.2	63.54	-22.34	-	-
16	.20175	13.98	Ca	0	0	10.1	24.08	-	-	53.54	-29.46
17	.61575	29.77	Qp	0	0	10.1	39.87	56	-16.13	-	-
18	.61575	21.06	Ca	0	0	10.1	31.16	-	-	46	-14.84
19	1.16925	18.42	Qp	0	.1	10.1	28.62	56	-27.38	-	-
20	1.16925	8.58	Ca	0	.1	10.1	18.78	-	-	46	-27.22
21	16.2712	19.19	Qp	.1	.3	10.3	29.89	60	-30.11	-	-
22	16.2712	4.77	Ca	.1	.3	10.3	15.47	-	-	50	-34.53
23	22.7805	20.03	Qp	.1	.3	10.4	30.83	60	-29.17	-	-
24	22.7805	8.68	Ca	.1	.3	10.4	19.48	-	-	50	-30.52

Qp - Quasi-Peak detector

Ca - CISPR average detection