

RADIATED EMISSIONS

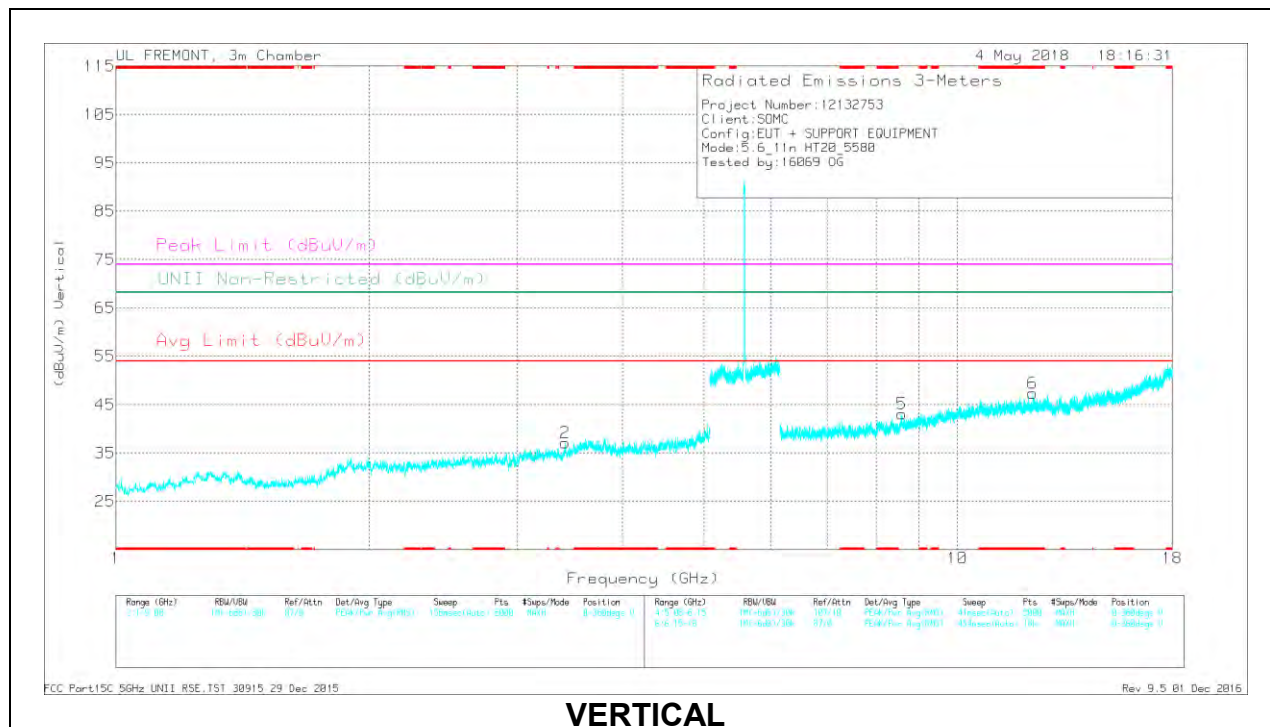
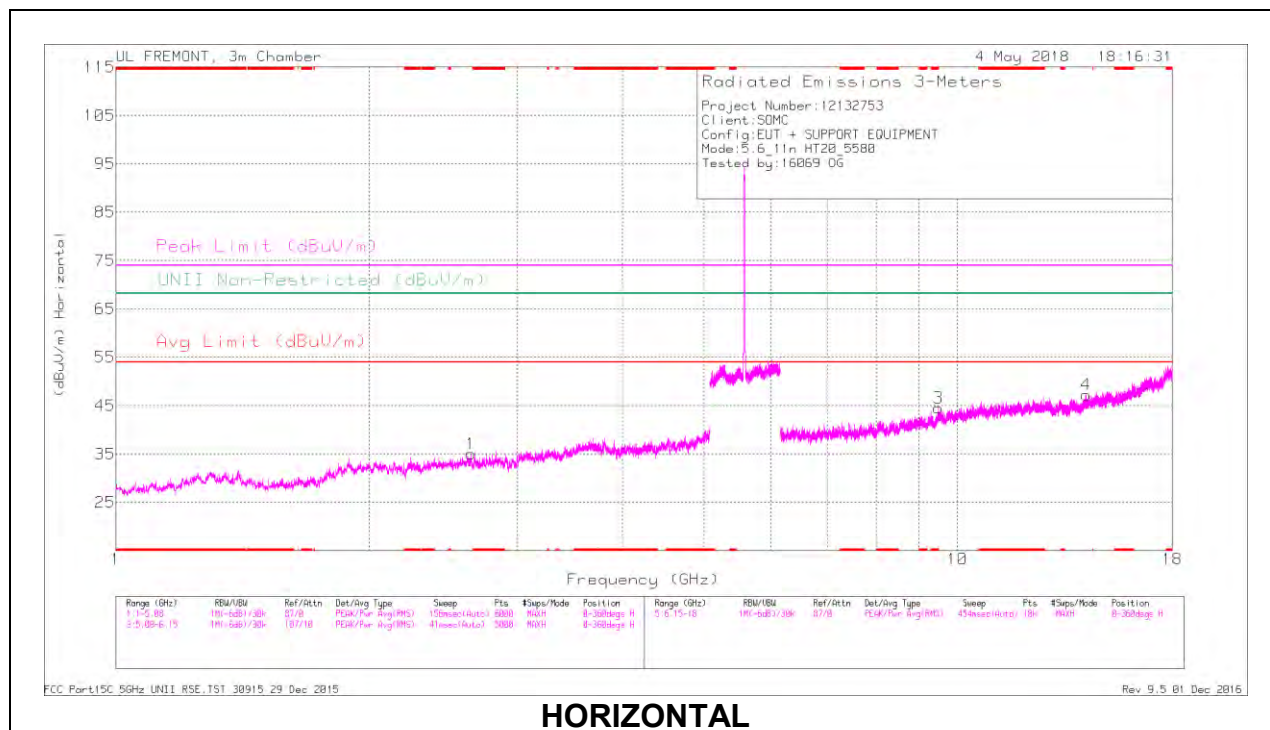
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 8.403	34.01	PK-U	35.7	-22	0	47.71	-	-	74	-26.29	-	-	328	396	H
	* 8.403	22.52	ADR	35.7	-22	.1	36.32	54	-17.68	-	-	-	-	328	396	H
5	* 7.331	36.01	PK-U	35.7	-24.8	0	46.91	-	-	74	-27.09	-	-	264	101	V
	* 7.331	24.24	ADR	35.7	-24.7	.1	35.34	54	-18.66	-	-	-	-	264	101	V
2	2.172	38.31	PK-U	31.5	-30.3	0	39.51	-	-	-	-	68.2	-28.69	54	194	V
1	3.204	38.61	PK-U	33.3	-29.2	0	42.71	-	-	-	-	68.2	-25.49	157	264	H
4	10.138	33.93	PK-U	37.4	-21.6	0	49.73	-	-	-	-	68.2	-18.47	66	311	H
6	15.126	35.51	PK-U	40.1	-21.5	0	54.11	-	-	-	-	68.2	-14.09	274	294	V

* - indicates frequency in CFR47 Pt 15 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

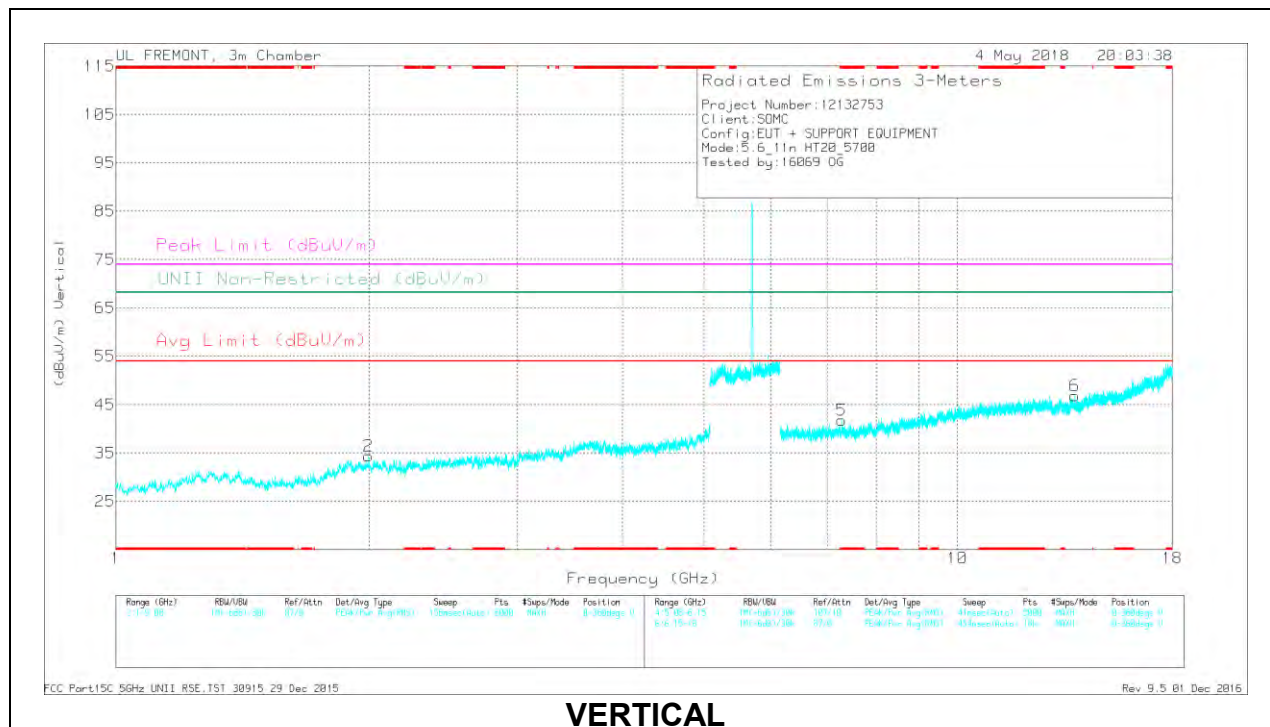
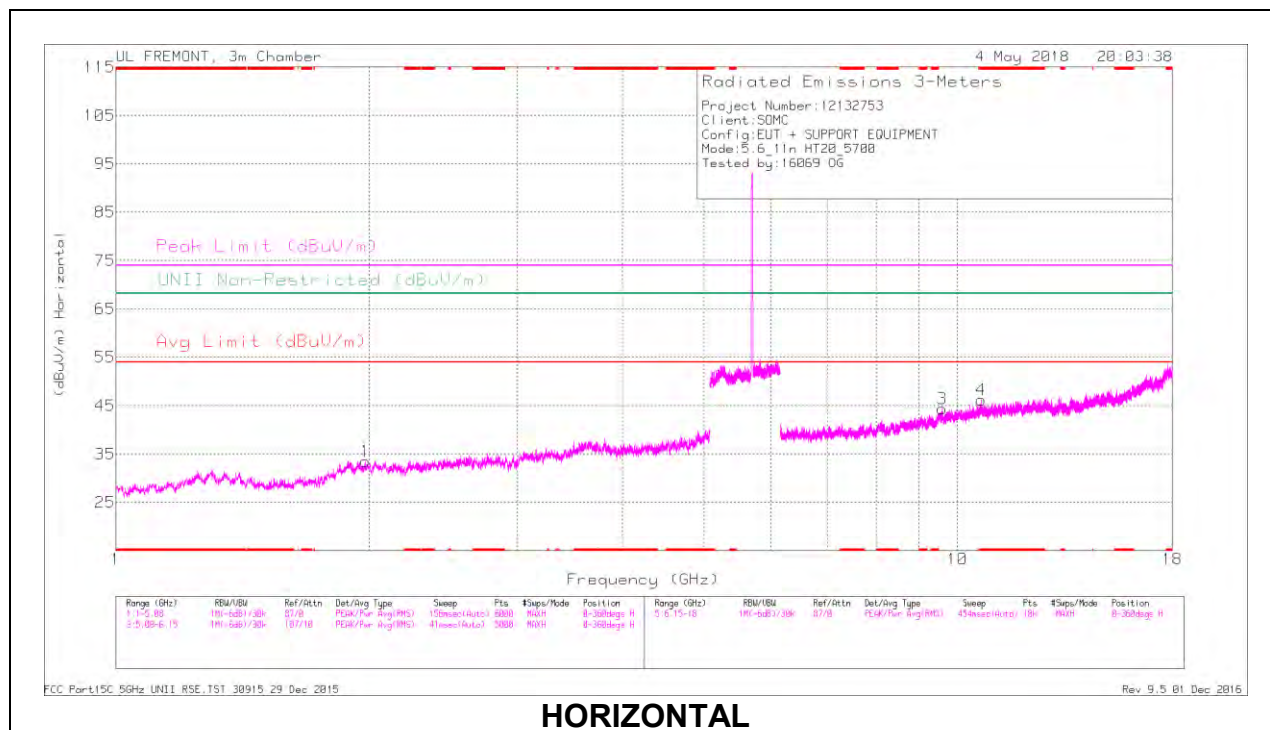
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 9.499	34.69	PK-U	36.7	-20.7	0	50.69	-	-	74	-23.31	-	-	215	399	H
	* 9.497	22.7	ADR	36.7	-20.7	.1	38.8	54	-15.2	-	-	-	-	215	399	H
6	* 12.284	33.96	PK-U	39.1	-21.3	0	51.76	-	-	74	-22.24	-	-	354	100	V
	* 12.281	22.48	ADR	39.1	-21.4	.1	40.28	54	-13.72	-	-	-	-	354	100	V
1	2.642	37.95	PK-U	32.6	-29.1	0	41.45	-	-	-	-	68.2	-26.75	253	158	H
2	3.419	37.53	PK-U	33.8	-28.3	0	43.03	-	-	-	-	68.2	-25.17	42	137	V
5	8.587	35.08	PK-U	35.8	-21.6	0	49.28	-	-	-	-	68.2	-18.92	236	227	V
4	14.208	35.5	PK-U	39.4	-21.5	0	53.4	-	-	-	-	68.2	-14.8	280	101	H

* - indicates frequency in CFR47 Pt 15 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

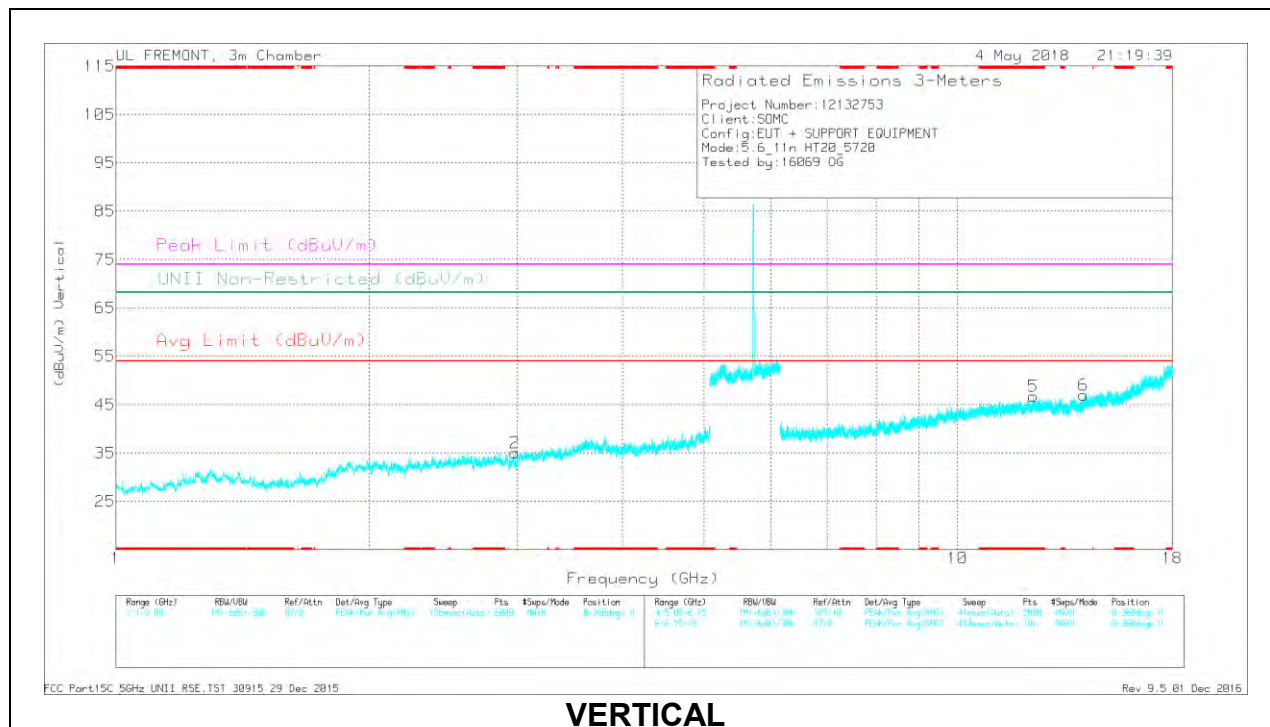
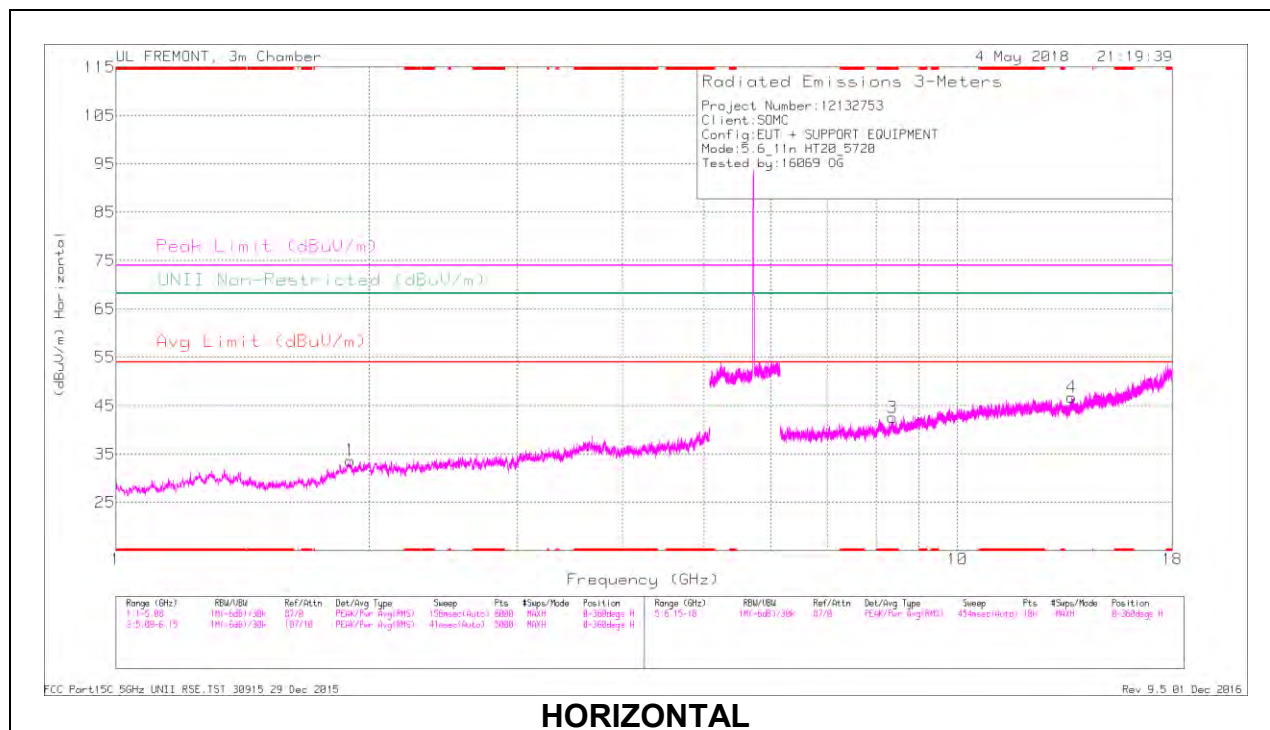
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 10.661	36.35	PK-U	37.8	-20.4	0	53.75	-	-	74	-20.25	-	-	272	249	H
	* 10.662	23.23	ADR	37.8	-20.4	.1	40.73	54	-13.27	-	-	-	-	272	249	H
5	* 7.29	36.24	PK-U	35.7	-24.1	0	47.84	-	-	74	-25.16	-	-	256	340	V
	* 7.29	24.22	ADR	35.7	-24.1	.1	35.92	54	-18.08	-	-	-	-	256	340	V
1	1.978	39.12	PK-U	31.7	-31.1	0	39.72	-	-	-	-	68.2	-28.48	162	119	H
2	1.996	39.23	PK-U	31.8	-31	0	40.03	-	-	-	-	68.2	-28.17	94	184	V
3	9.592	34.23	PK-U	36.9	-20.9	0	50.23	-	-	-	-	68.2	-17.97	270	188	H
6	13.783	35.54	PK-U	38.9	-22.4	0	52.04	-	-	-	-	68.2	-16.16	235	104	V

* - indicates frequency in CFR47 Pt 15 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 144 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 8.367	35.04	PK-U	35.8	-22.4	0	48.44	-	-	74	-25.56	-	-	287	118	H
	* 8.366	23.07	ADR	35.8	-22.5	.1	36.47	54	-17.53	-	-	-	-	287	118	H
5	* 12.299	33.66	PK-U	39.1	-20.1	0	52.66	-	-	74	-21.34	-	-	174	378	V
	* 12.301	22.35	ADR	39.1	-20.3	.1	41.25	54	-12.75	-	-	-	-	174	378	V
1	1.896	38.95	PK-U	31.4	-30.3	0	40.05	-	-	-	-	68.2	-28.15	32	190	H
2	2.982	37.41	PK-U	33.1	-29.6	0	40.91	-	-	-	-	68.2	-27.29	269	270	V
4	13.671	35.31	PK-U	38.7	-21.2	0	52.81	-	-	-	-	68.2	-15.39	134	224	H
6	14.117	35.96	PK-U	39.2	-22.7	0	52.46	-	-	-	-	68.2	-15.74	69	346	V

* - indicates frequency in CFR47 Pt 15 Restricted Band

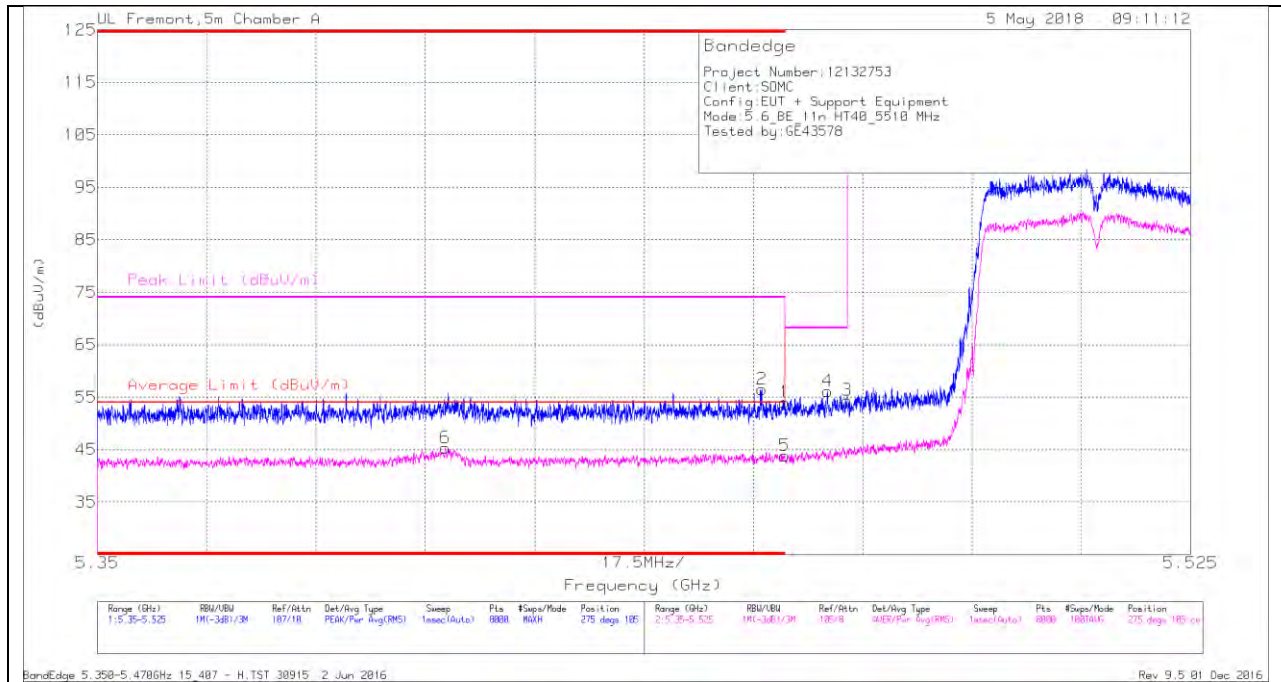
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



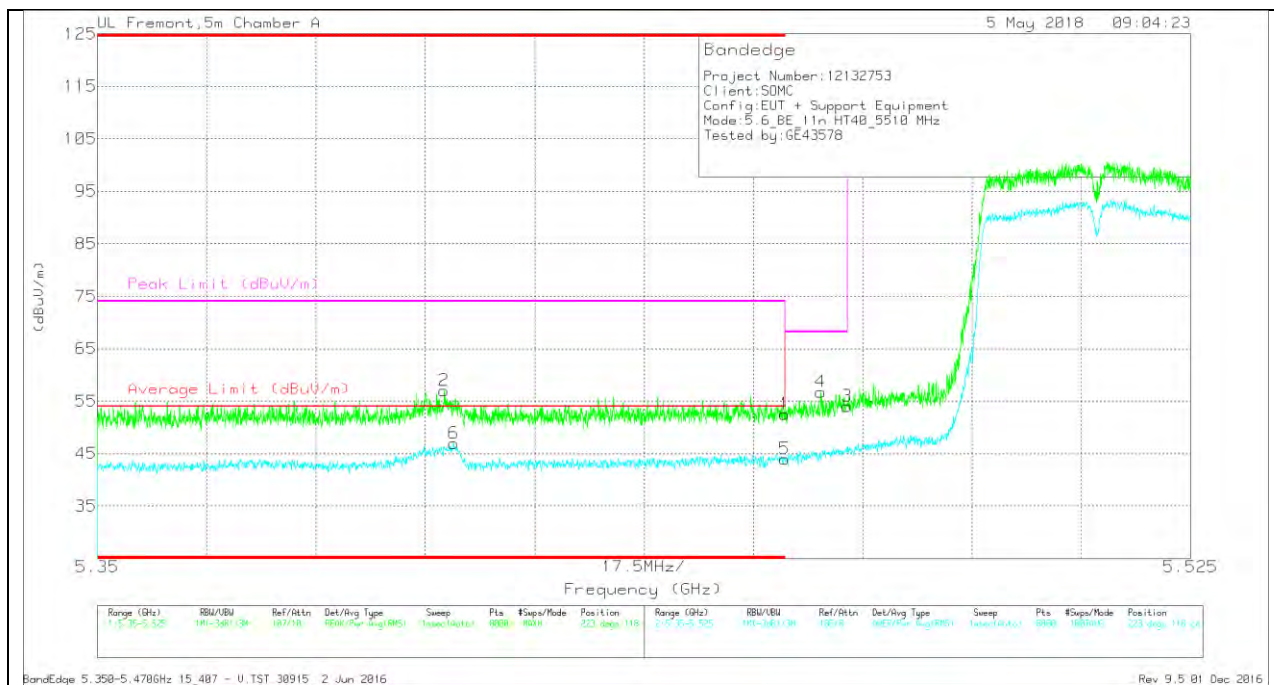
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.406	28.85	RMS	34.6	-18.4	.32	45.37	54	-8.63	-	-	275	105	H
2	* 5.456	40.29	Pk	34.7	-18.5	0	56.49	-	-	74	-17.51	275	105	H
1	* 5.46	37.87	Pk	34.7	-18.5	0	54.07	-	-	74	-19.93	275	105	H
5	* 5.46	27.28	RMS	34.7	-18.5	.32	43.8	54	-10.2	-	-	275	105	H
4	5.467	39.7	Pk	34.7	-18.3	0	56.1	-	-	68.2	-12.1	275	105	H
3	5.47	37.91	Pk	34.8	-18.3	0	54.41	-	-	68.2	-13.79	275	105	H

* - indicates frequency in CFR47 Pt 15 Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.406	40.67	Pk	34.6	-18.3	0	56.97	-	-	74	-17.03	223	118	V
6	* 5.407	30.35	RMS	34.7	-18.4	.32	46.97	54	-7.03	-	-	223	118	V
1	* 5.46	36.3	Pk	34.7	-18.5	0	52.5	-	-	74	-21.5	223	118	V
5	* 5.46	27.41	RMS	34.7	-18.5	.32	43.93	54	-10.07	-	-	223	118	V
4	5.466	40.46	Pk	34.7	-18.4	0	56.76	-	-	68.2	-11.44	223	118	V
3	5.47	37.48	Pk	34.8	-18.3	0	53.98	-	-	68.2	-14.22	223	118	V

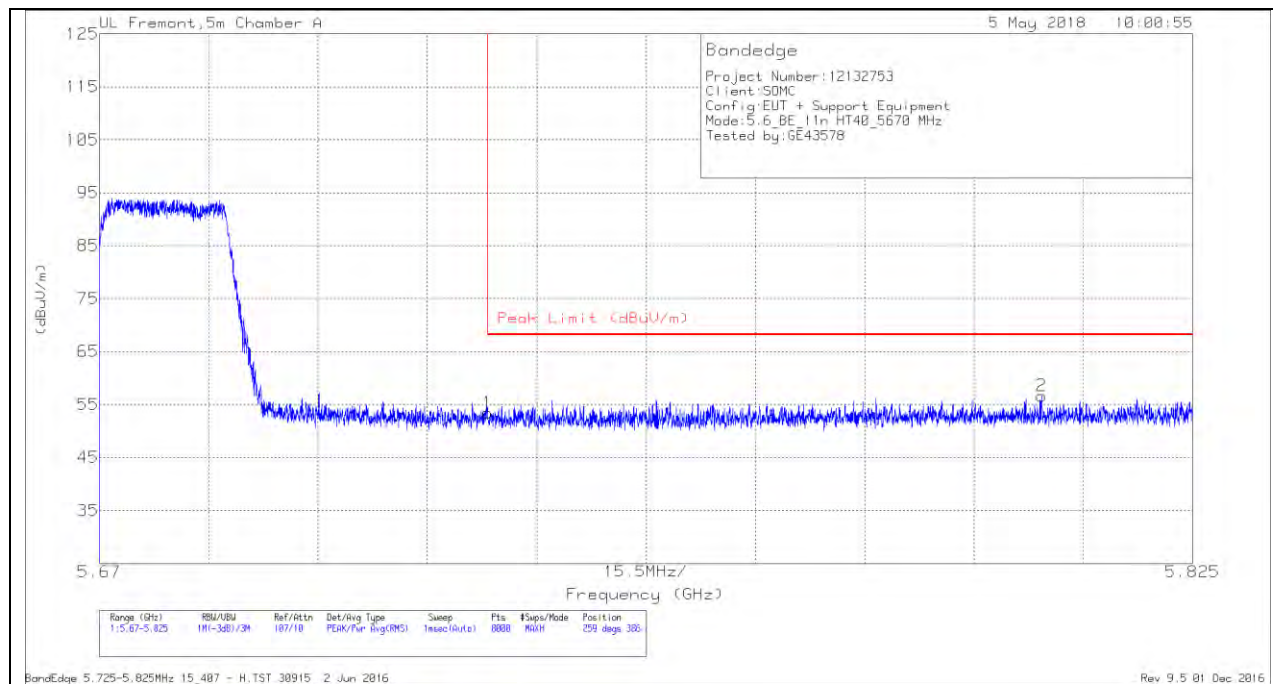
* - indicates frequency in CFR47 Pt 15 Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

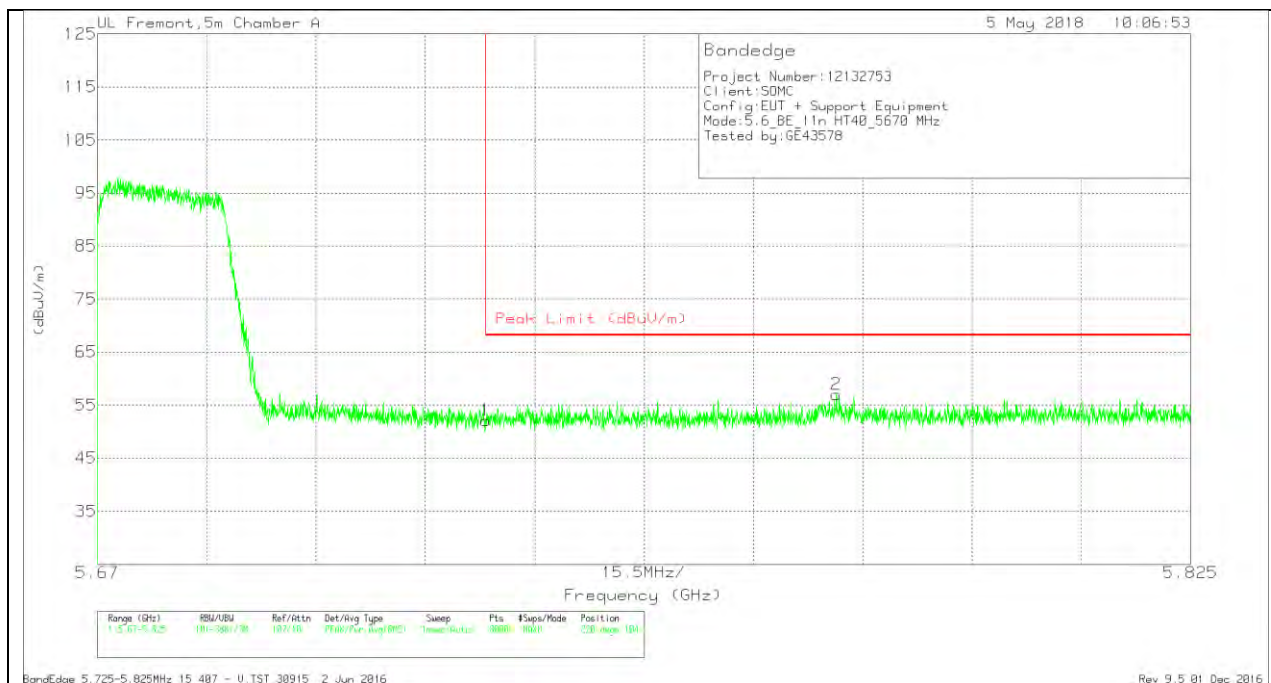
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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	36.96	Pk	35	-18.5	53.46	68.2	-14.74	259	386	H
2	5.804	39.58	Pk	35.1	-18.1	56.58	68.2	-11.62	259	386	H

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

VERTICAL RESULT

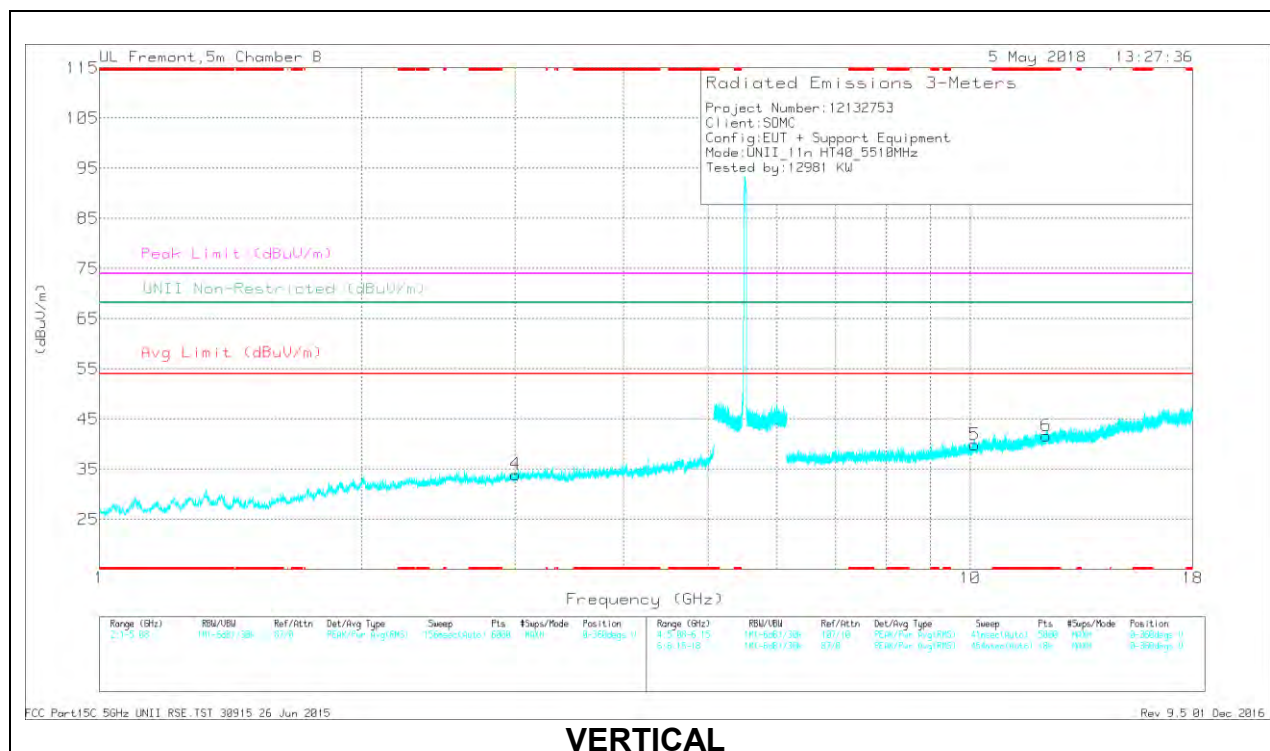
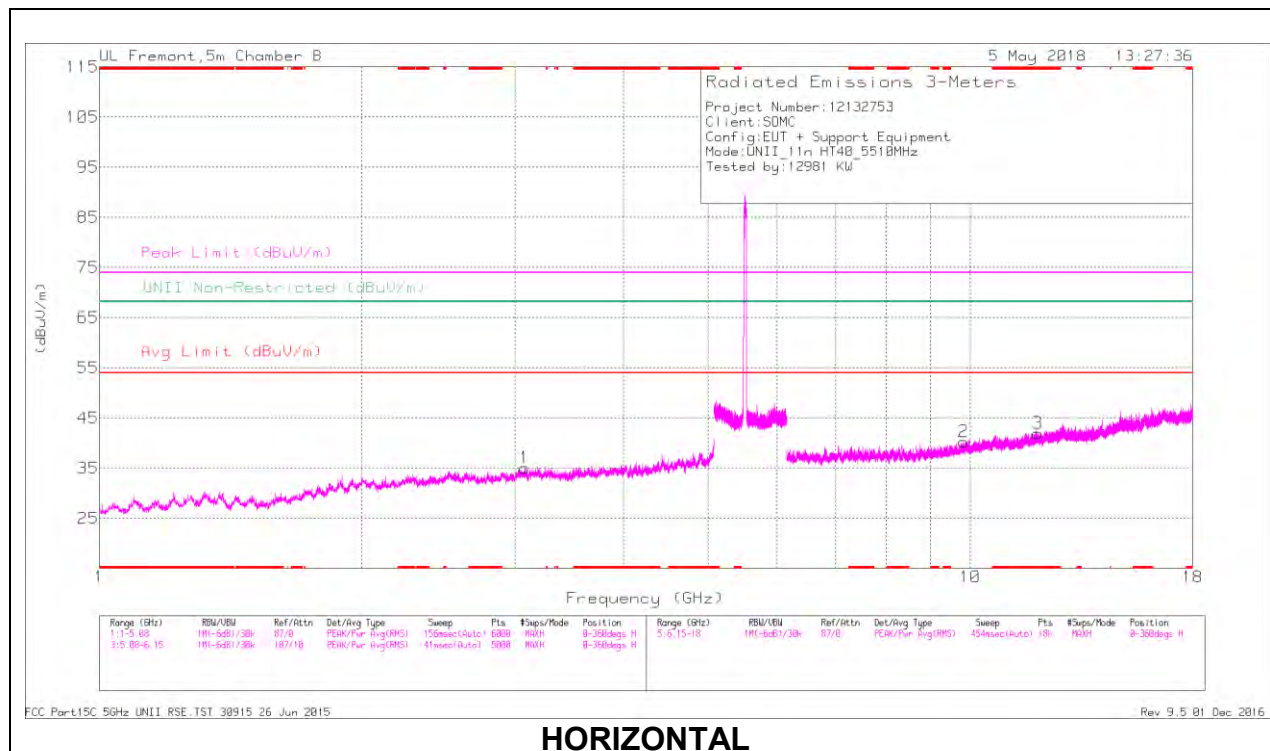


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	35.6	Pk	35	-18.5	52.1	68.2	-16.1	220	104	V
2	5.775	40.24	Pk	35	-18.2	57.04	68.2	-11.16	220	104	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

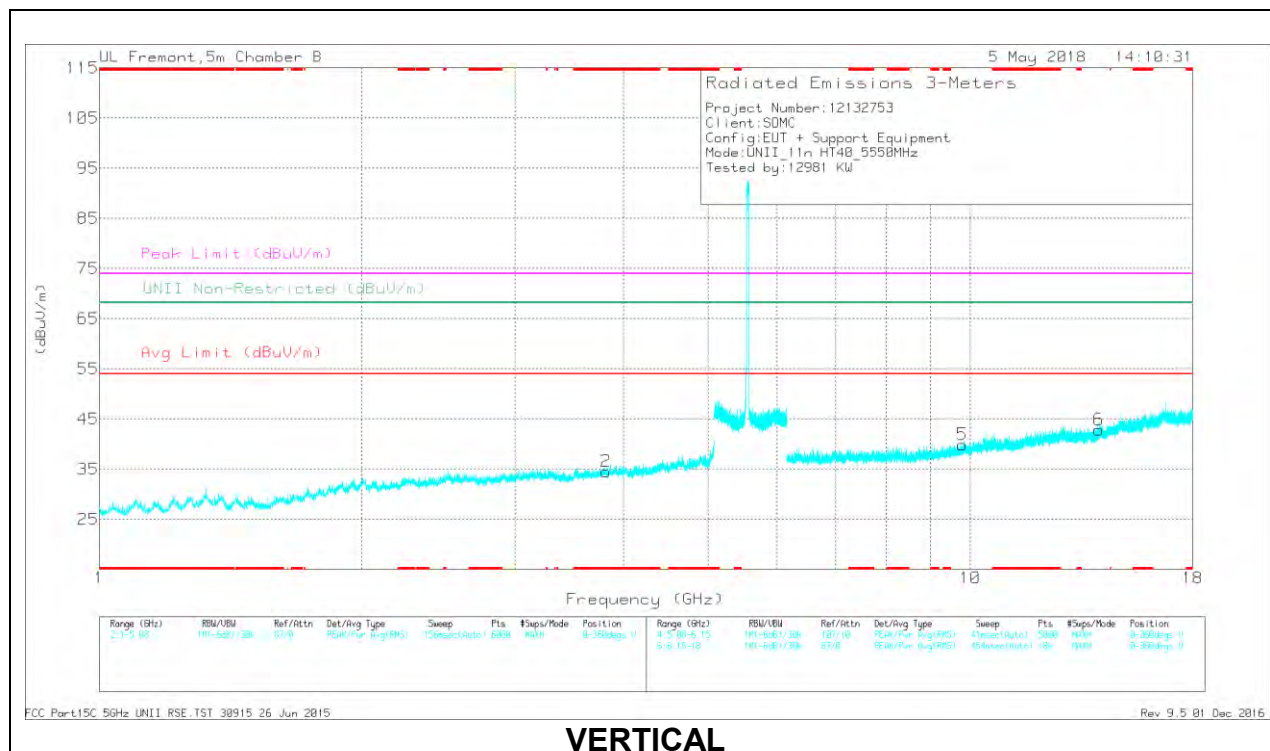
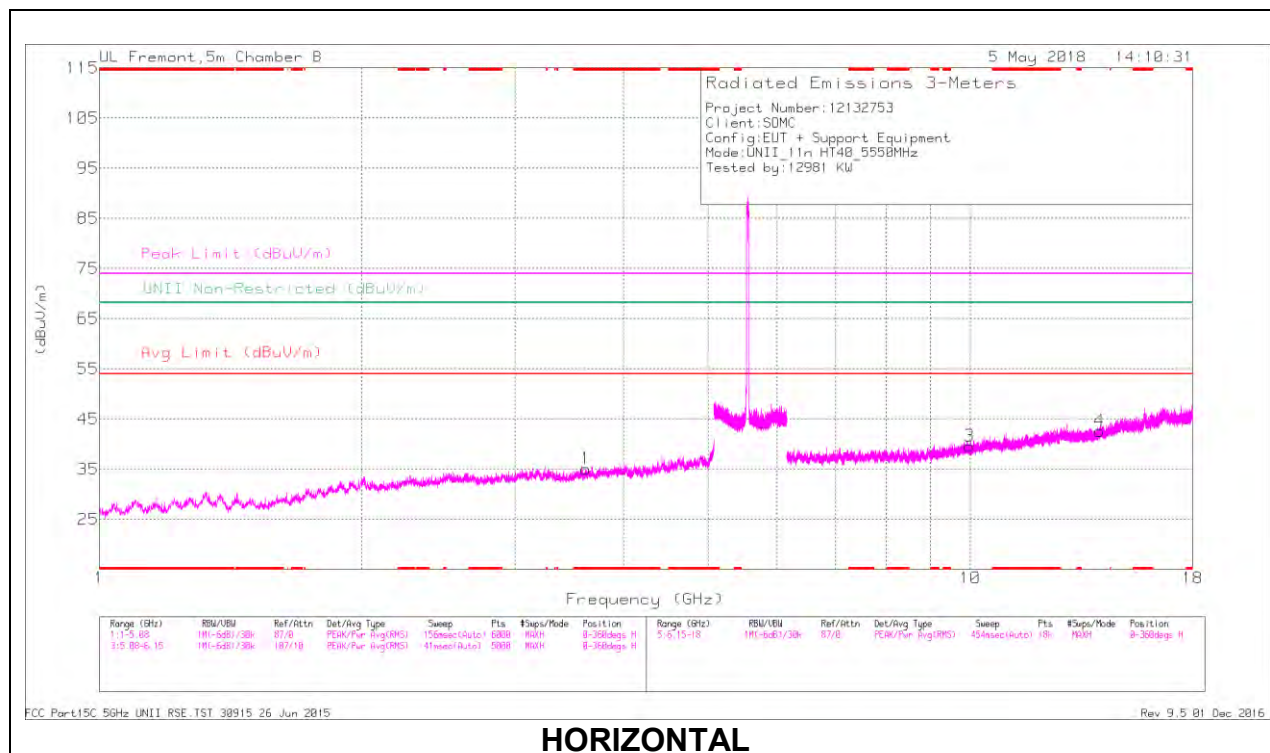
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 11.951	34.62	PK-U	38.7	-24.1	0	49.22	-	-	74	-24.78	-	-	92	157	H
	* 11.95	21.75	ADR	38.7	-24.1	.32	36.67	54	-17.33	-	-	-	-	92	157	H
6	* 12.22	33.89	PK-U	39.1	-23.7	0	49.29	-	-	74	-24.71	-	-	136	169	V
	* 12.219	21.75	ADR	39.1	-23.7	.32	37.47	54	-16.53	-	-	-	-	136	169	V
4	3.004	40.11	PK-U	32.8	-32.4	0	40.51	-	-	-	-	68.2	-27.69	70	146	V
1	3.079	40.21	PK-U	33.1	-32.3	0	41.01	-	-	-	-	68.2	-27.19	85	156	H
2	9.824	34.17	PK-U	36.9	-24.8	0	46.27	-	-	-	-	68.2	-21.93	16	128	H
5	10.114	34.54	PK-U	37.4	-25.1	0	46.84	-	-	-	-	68.2	-21.36	222	137	V

* - indicates frequency in CFR47 Pt 15 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

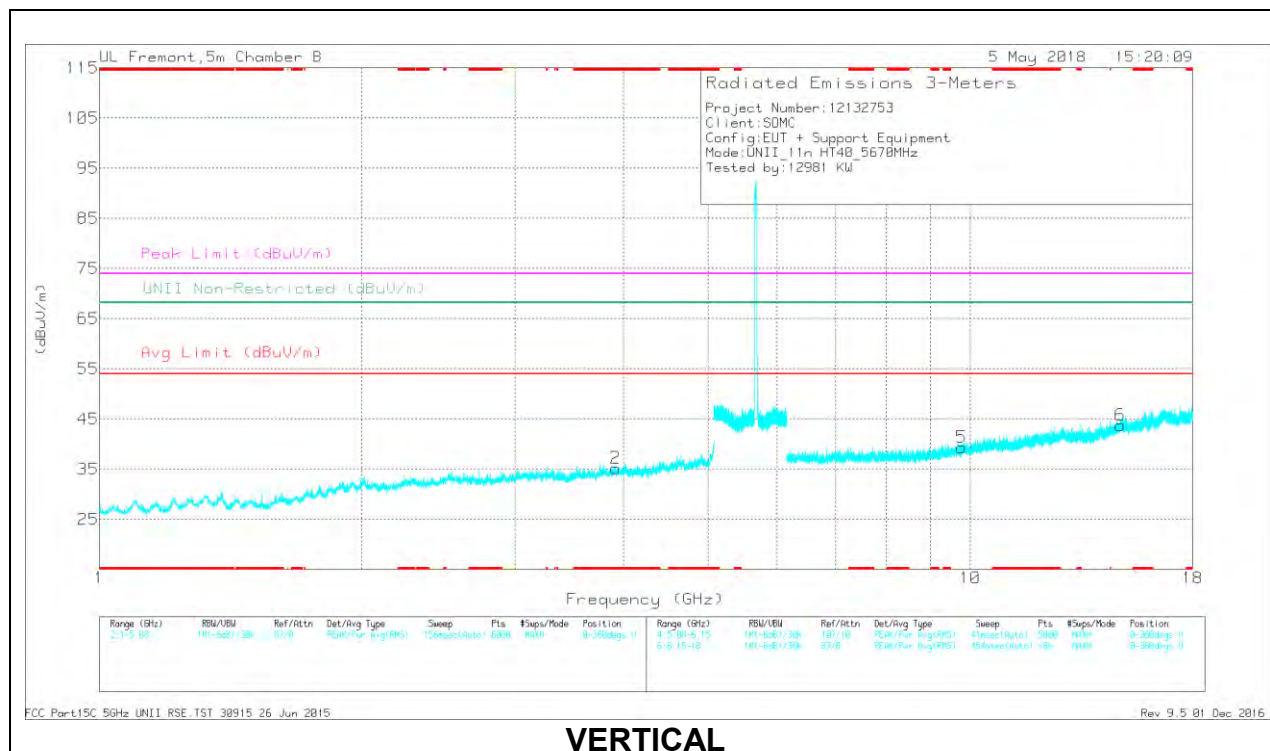
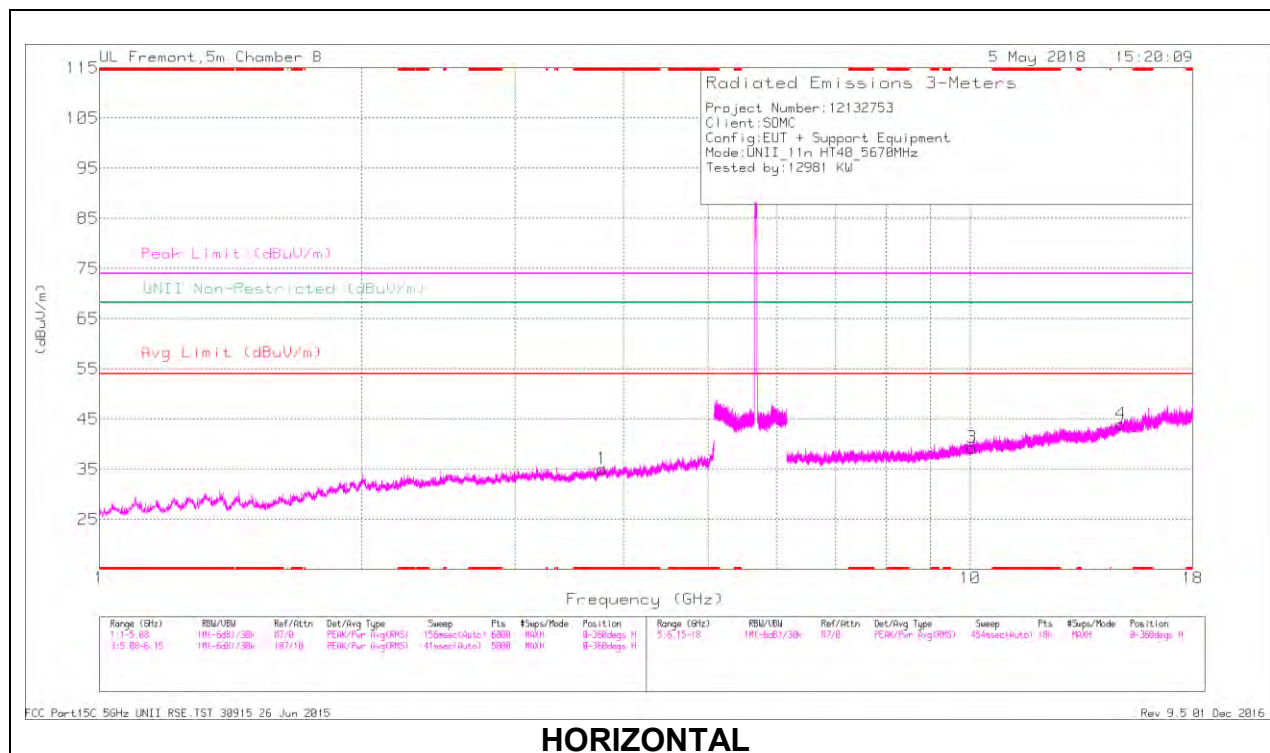
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.617	40.53	PK-U	33.2	-32.2	0	41.53	-	-	74	-32.47	-	-	99	158	H
	* 3.617	28.67	ADR	33.2	-32.2	.32	29.99	54	-24.01	-	-	-	-	99	158	H
2	* 3.812	41	PK-U	33.5	-31.9	0	42.6	-	-	74	-31.4	-	-	132	295	V
	* 3.815	28.55	ADR	33.5	-31.8	.32	30.57	54	-23.43	-	-	-	-	132	295	V
5	9.788	35.9	PK-U	36.9	-25.3	0	47.5	-	-	-	-	68.2	-20.7	7	178	V
3	9.978	34.66	PK-U	37.1	-25.7	0	46.06	-	-	-	-	68.2	-22.14	226	155	H
6	14.046	34.54	PK-U	39.2	-23.6	0	50.14	-	-	-	-	68.2	-18.06	132	104	V
4	14.073	34.07	PK-U	39.2	-23.8	0	49.47	-	-	-	-	68.2	-18.73	78	165	H

* - indicates frequency in CFR47 Pt 15 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

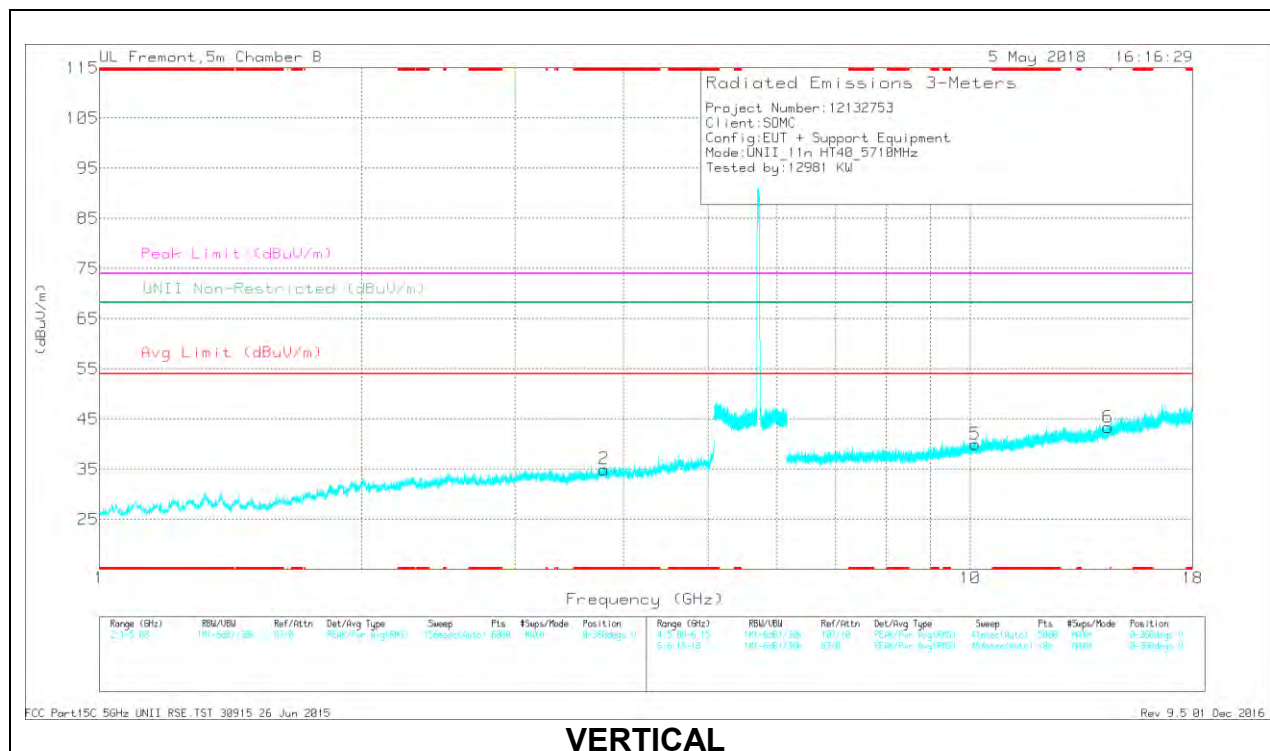
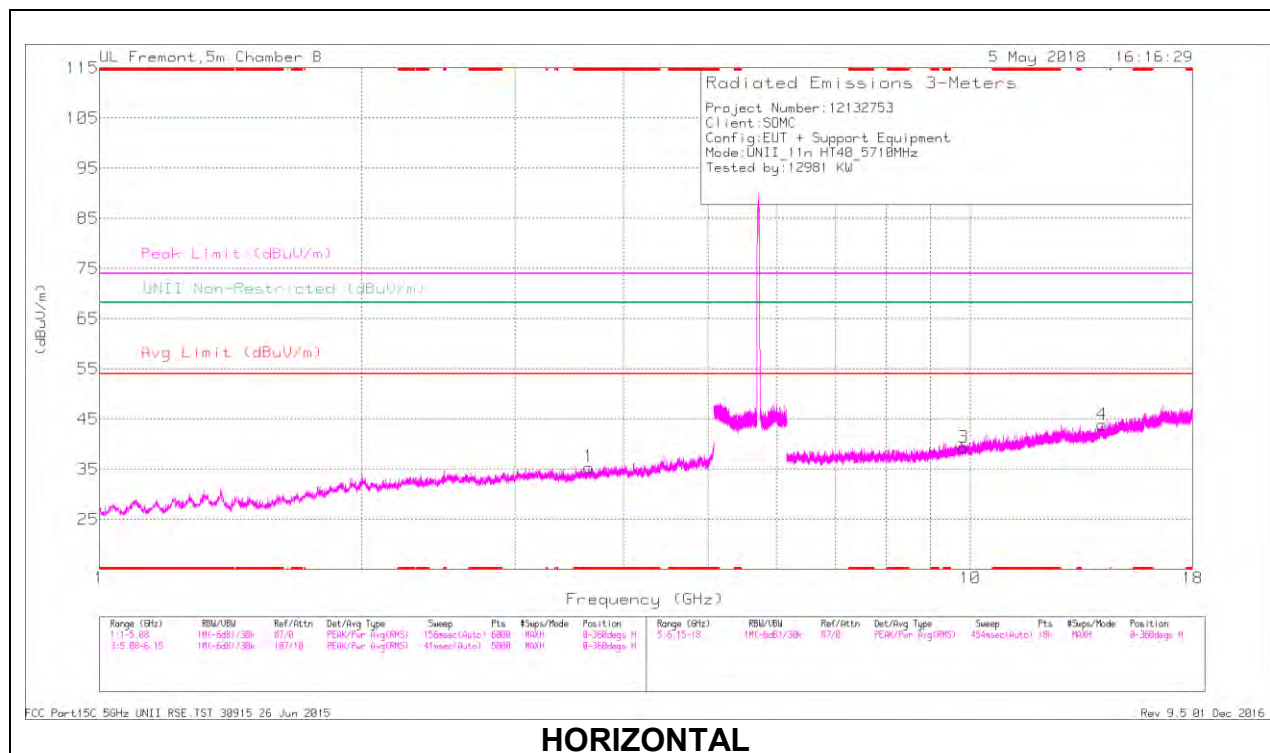
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.775	40.46	PK-U	33.5	-31.5	0	42.46	-	-	74	-31.54	-	-	88	189	H
	* 3.775	28.39	ADR	33.5	-31.5	.32	30.71	54	-23.29	-	-	-	-	88	189	H
2	* 3.915	40.03	PK-U	33.5	-31.2	0	42.33	-	-	74	-31.67	-	-	162	185	V
	* 3.915	28.47	ADR	33.5	-31.2	.32	31.09	54	-22.91	-	-	-	-	162	15	V
5	9.771	35.37	PK-U	36.9	-25.3	0	46.97	-	-	-	-	68.2	-21.23	178	208	V
3	10.05	34.45	PK-U	37.2	-25.5	0	46.15	-	-	-	-	68.2	-22.05	171	191	H
6	14.867	34.05	PK-U	40.6	-23.5	0	51.15	-	-	-	-	68.2	-17.05	65	270	V
4	14.894	33.26	PK-U	40.6	-23	0	50.86	-	-	-	-	68.2	-17.34	226	104	H

* - indicates frequency in CFR47 Pt 15 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 142 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.652	40.06	PK-U	33.2	-31.9	0	41.36	-	-	74	-32.64	-	-	36	196	H
	* 3.649	28.81	ADR	33.2	-31.9	.32	30.43	54	-23.57	-	-	-	-	36	196	H
2	* 3.792	40.05	PK-U	33.5	-31.6	0	41.95	-	-	74	-32.05	-	-	112	152	V
	* 3.794	28.89	ADR	33.5	-31.6	.32	31.11	54	-22.89	-	-	-	-	112	152	V
3	9.823	34.41	PK-U	36.9	-24.8	0	46.51	-	-	-	-	68.2	-21.69	265	133	H
5	10.133	34.5	PK-U	37.4	-25.1	0	46.8	-	-	-	-	68.2	-21.4	7	191	V
4	14.166	34.76	PK-U	39.3	-23.5	0	50.56	-	-	-	-	68.2	-17.64	188	159	H
6	14.392	33.27	PK-U	39.7	-23.3	0	49.67	-	-	-	-	68.2	-18.53	134	181	V

* - indicates frequency in CFR47 Pt 15 Restricted Band

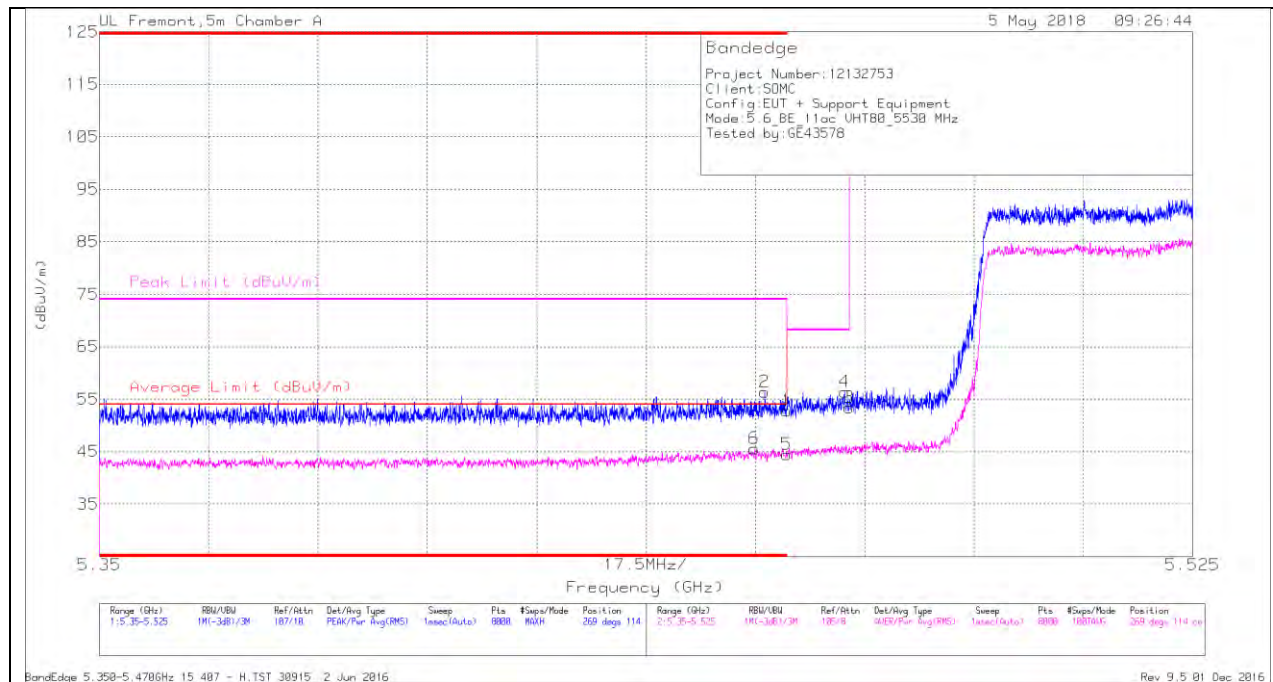
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



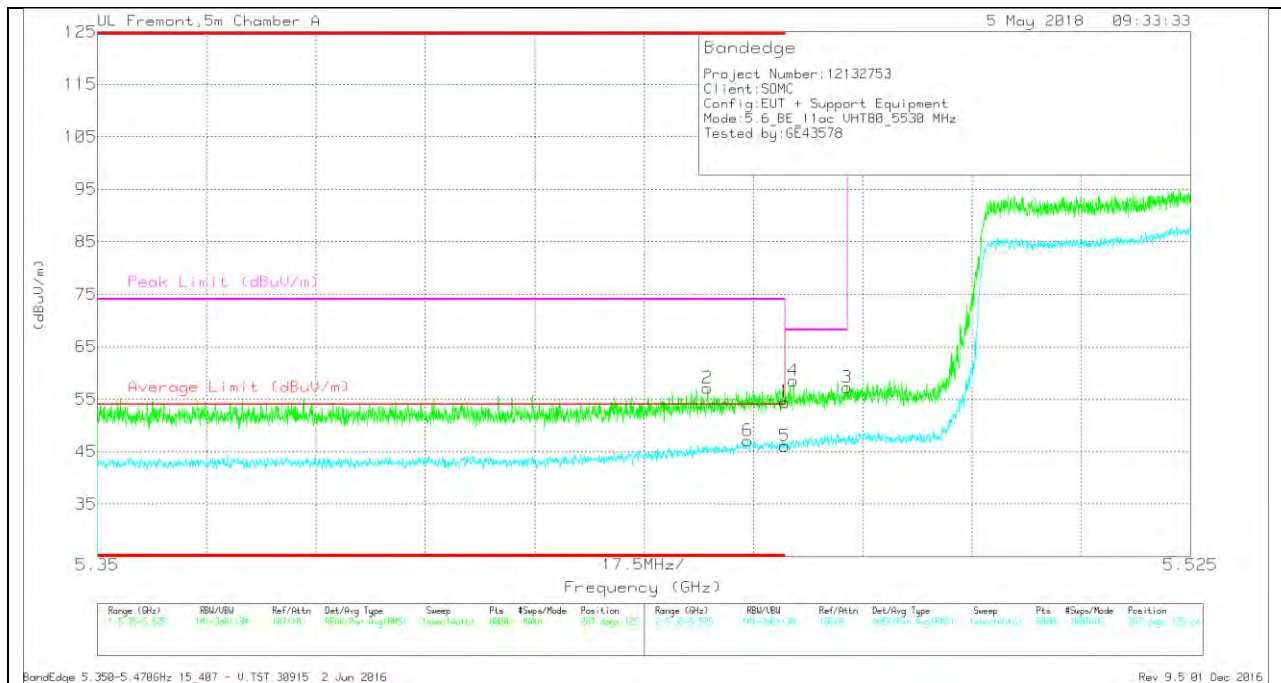
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.455	28.63	RMS	34.7	-18.4	.62	45.55	54	-8.45	-	-	269	114	H
2	* 5.456	40.15	Pk	34.7	-18.5	0	56.35	-	-	74	-17.65	269	114	H
1	* 5.46	36.52	Pk	34.7	-18.5	0	52.72	-	-	74	-21.28	269	114	H
5	* 5.46	27.69	RMS	34.7	-18.5	.62	44.51	54	-9.49	-	-	269	114	H
4	5.469	39.91	Pk	34.8	-18.3	0	56.41	-	-	68.2	-11.79	269	114	H
3	5.47	36.94	Pk	34.8	-18.3	0	53.44	-	-	68.2	-14.76	269	114	H

* - indicates frequency in CFR47 Pt 15 Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.448	40.83	Pk	34.7	-18.4	0	57.13	-	-	74	-16.87	207	125	V
6	* 5.454	30.1	RMS	34.7	-18.4	.62	47.02	54	-6.98	-	-	207	125	V
1	* 5.46	38.25	Pk	34.7	-18.5	0	54.45	-	-	74	-19.55	207	125	V
5	* 5.46	29.21	RMS	34.7	-18.5	.62	46.03	54	-7.97	-	-	207	125	V
4	5.461	42.29	Pk	34.7	-18.5	0	58.49	-	-	68.2	-9.71	207	125	V
3	5.47	40.72	Pk	34.8	-18.3	0	57.22	-	-	68.2	-10.98	207	125	V

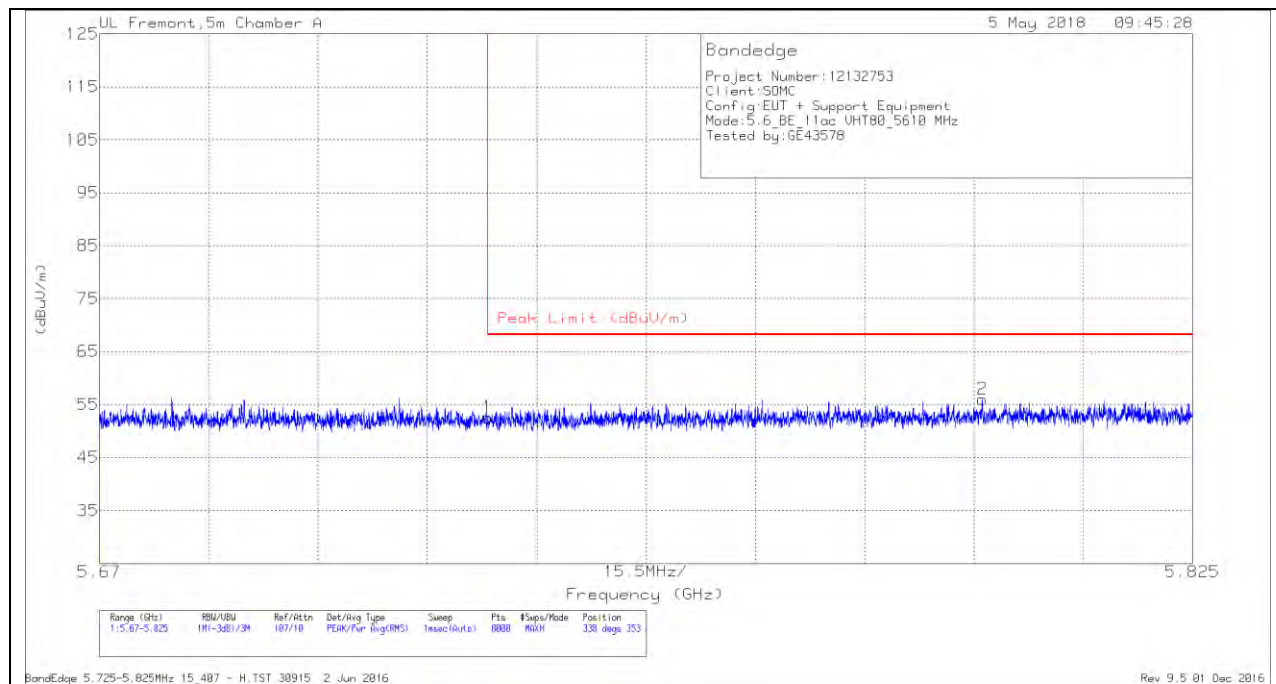
* - indicates frequency in CFR47 Pt 15 Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

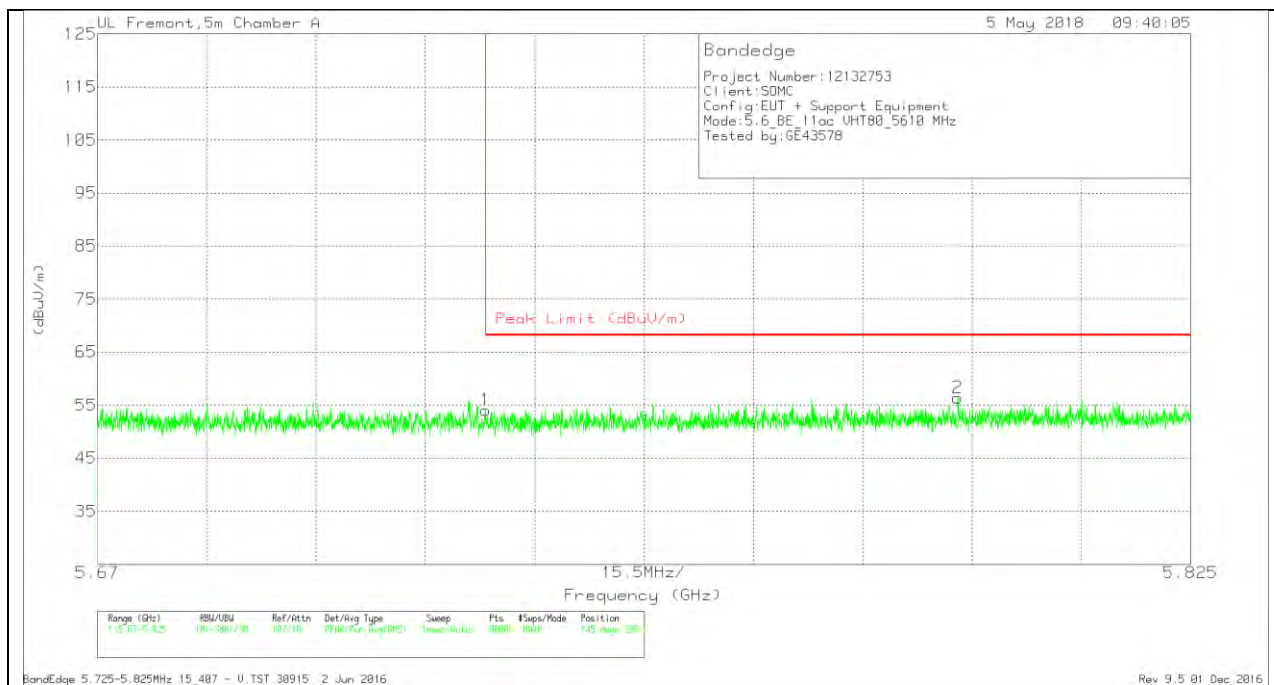
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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	36.07	Pk	35	-18.5	52.57	68.2	-15.63	338	353	H
2	5.795	39.25	Pk	35.1	-18.3	56.05	68.2	-12.15	338	353	H

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

VERTICAL RESULT

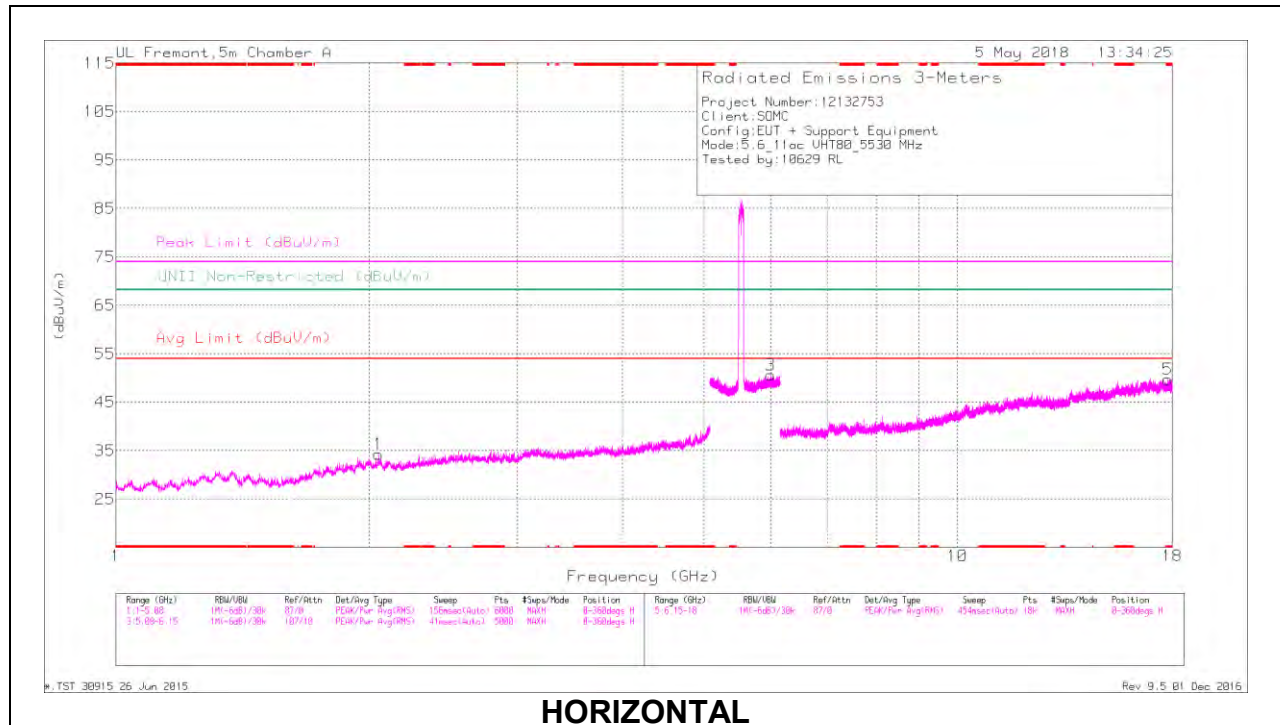


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.51	Pk	35	-18.5	54.01	68.2	-14.19	145	280	V
2	5.792	39.58	Pk	35.1	-18.3	56.38	68.2	-11.82	145	280	V

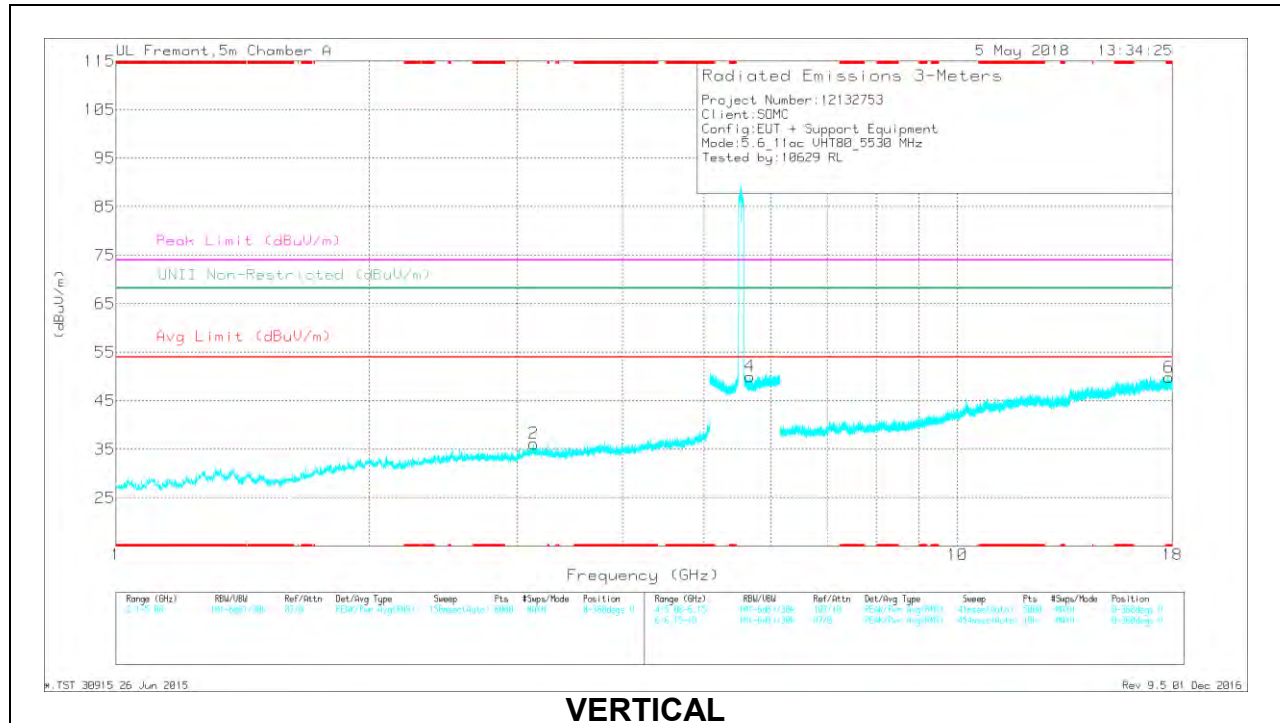
* - indicates frequency in CFR47 Pt 15 Restricted Band
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 17.788	33.3	PK-U	41.2	-18.4	0	56.1	-	-	74	-17.9	-	-	120	174	H
	* 17.789	22.03	ADR	41.2	-18.4	.62	45.45	54	-8.55	-	-	-	-	120	174	H
6	* 17.85	32.2	PK-U	41.3	-18.4	0	55.1	-	-	74	-18.9	-	-	305	372	V
	* 17.85	21.57	ADR	41.3	-18.4	.62	45.09	54	-8.91	-	-	-	-	305	372	V
1	2.05	33.23	Pk	31.4	-30.4	0	34.23	-	-	-	-	68.2	-33.97	0-360	199	H
2	3.136	32.06	Pk	32.8	-28.7	0	36.16	-	-	-	-	68.2	-32.04	0-360	200	V
4	5.668	33.55	Pk	35	-18.5	0	50.05	-	-	-	-	68.2	-18.15	0-360	101	V
3	5.999	33.21	Pk	35.3	-17.9	0	50.61	-	-	-	-	68.2	-17.59	0-360	199	H

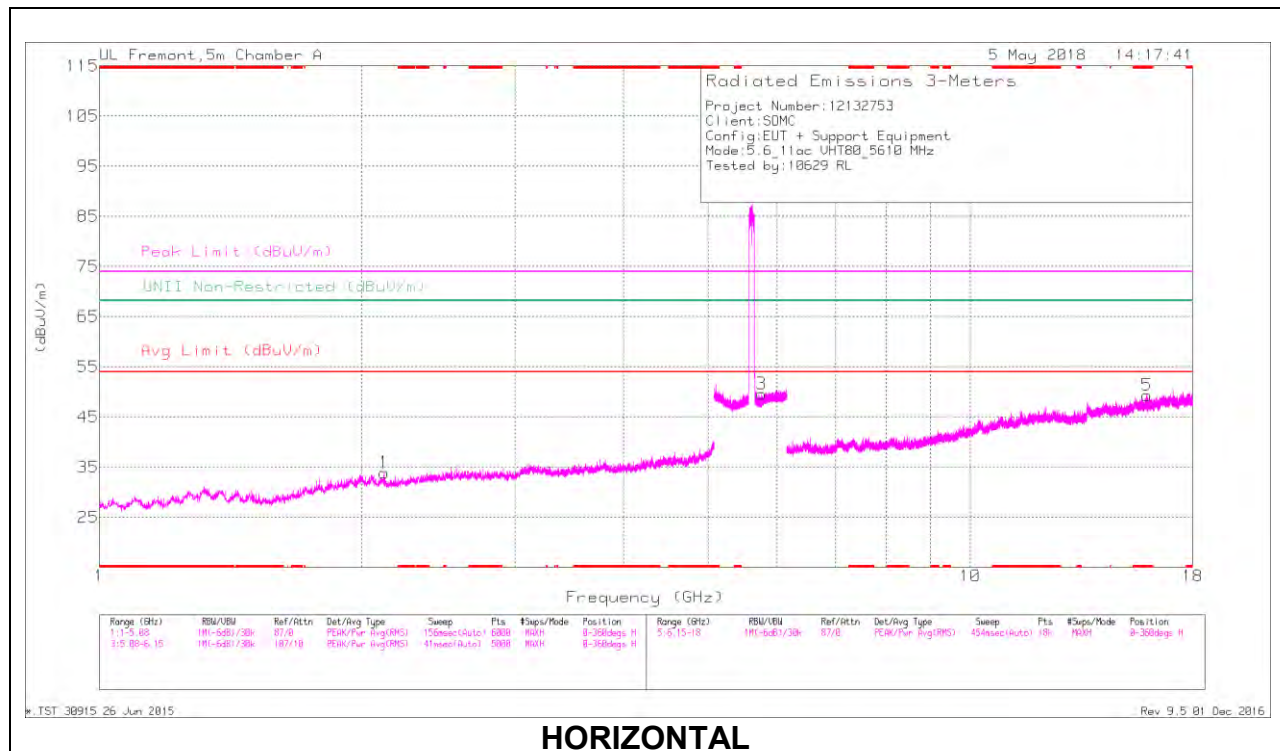
* - indicates frequency in CFR47 Pt 15 Restricted Band

Pk - Peak detector

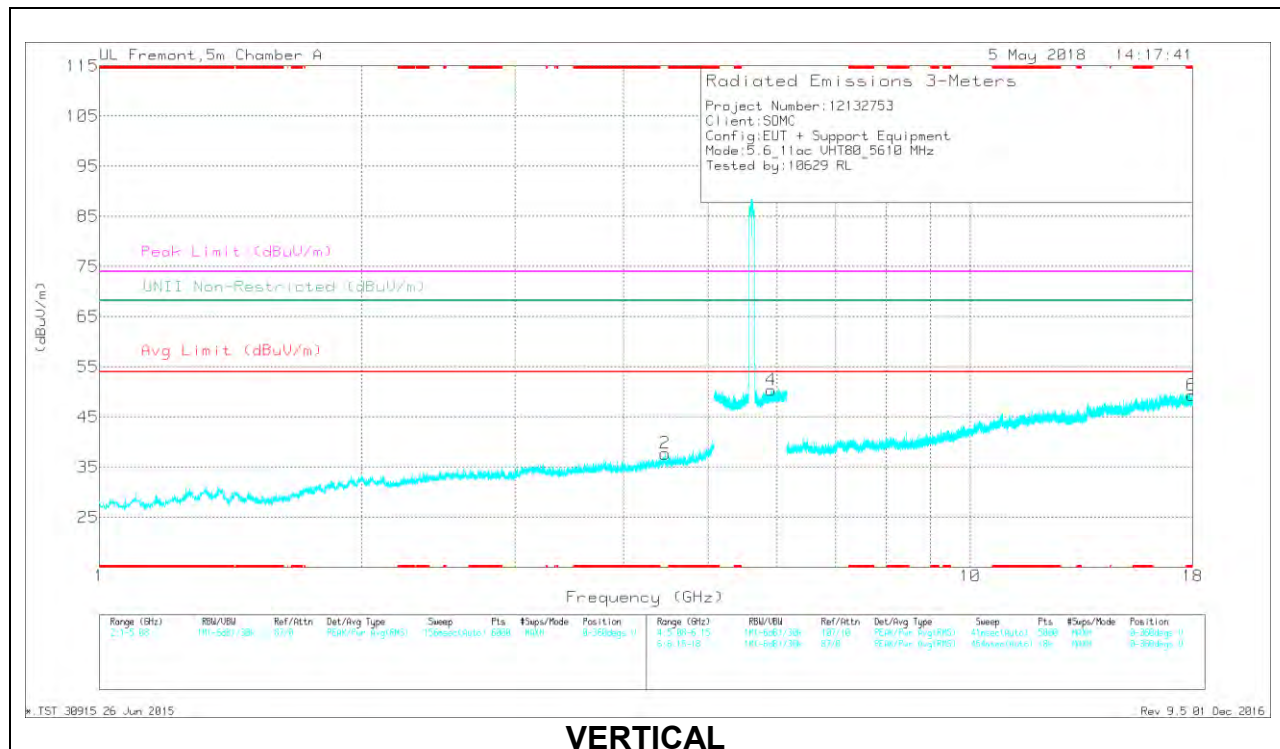
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 15.95	31.83	PK-U	40.4	-18	0	54.23	-	-	74	-19.77	-	-	239	288	H
	* 15.951	20.92	ADR	40.4	-18	.62	43.94	54	-10.06	-	-	-	-	239	288	H
6	* 17.959	32.6	PK-U	41.2	-18.6	0	55.2	-	-	74	-18.8	-	-	149	292	V
	* 17.962	21.59	ADR	41.2	-18.5	.62	44.91	54	-9.09	-	-	-	-	149	292	V
1	2.124	33.46	Pk	31.1	-30.7	0	33.86	-	-	-	-	68.2	-34.34	0-360	101	H
2	4.464	30.72	Pk	33.7	-26.7	0	37.72	-	-	-	-	68.2	-30.48	0-360	199	V
3	5.755	33.11	Pk	35	-18.5	0	49.61	-	-	-	-	68.2	-18.59	0-360	199	H
4	5.905	33.23	Pk	35.2	-18	0	50.43	-	-	-	-	68.2	-17.77	0-360	200	V

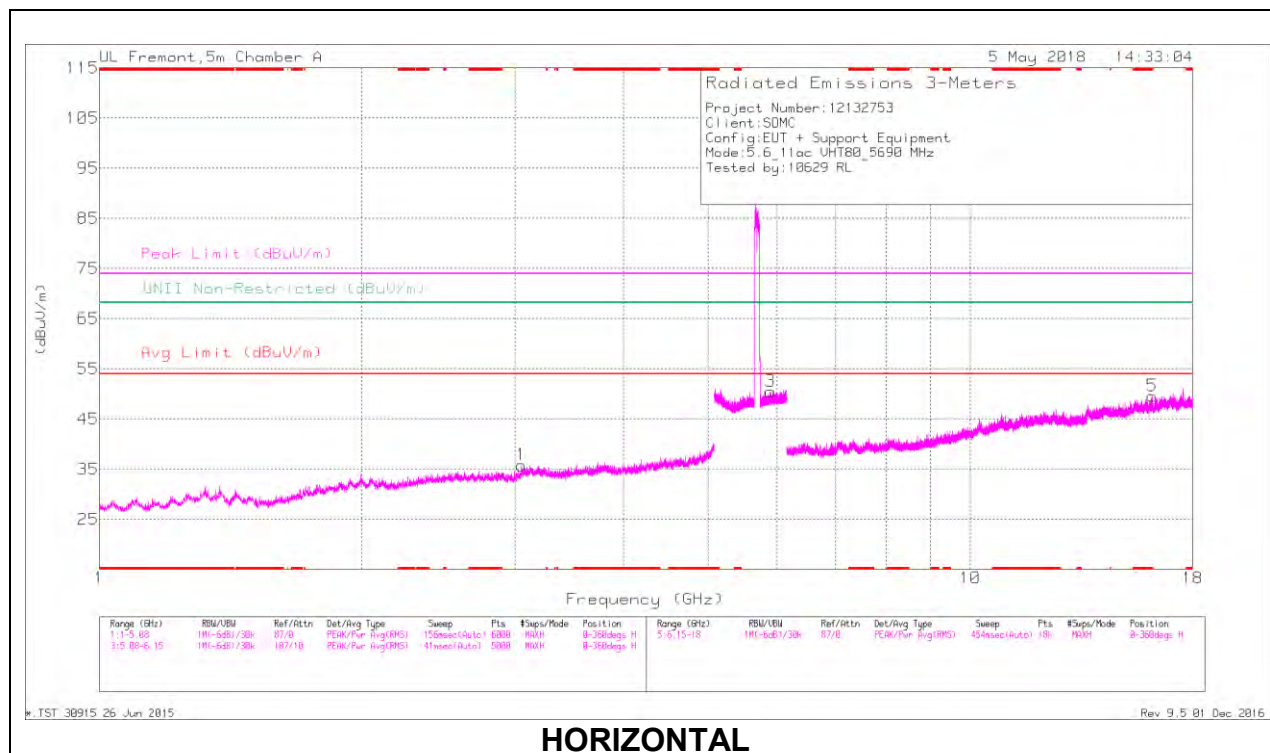
* - indicates frequency in CFR47 Pt 15 Restricted Band

Pk - Peak detector

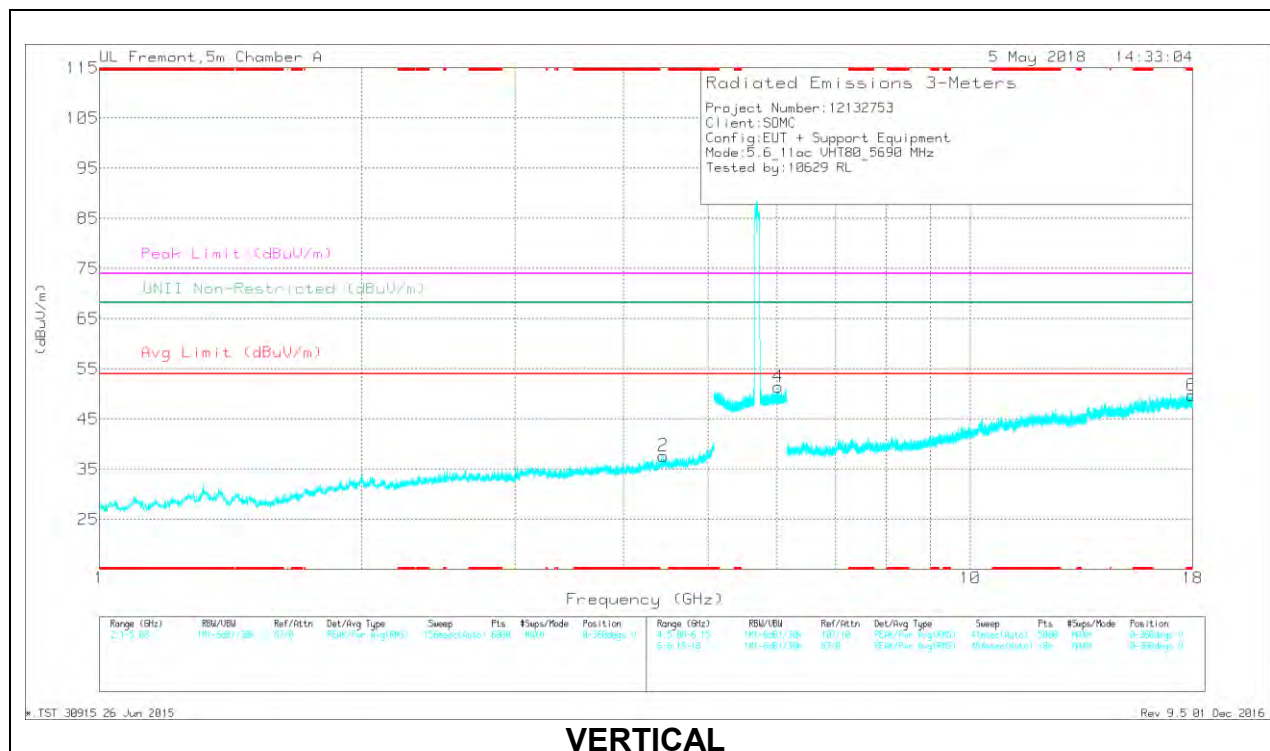
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 138 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 16.175	32.23	PK-U	40.6	-18.8	0	54.03	-	-	74	-19.97	-	-	325	125	H
	* 16.174	21.61	ADR	40.6	-18.8	.62	44.03	54	-9.97	-	-	-	-	325	125	H
6	* 17.965	32.68	PK-U	41.2	-18.5	0	55.38	-	-	74	-18.62	-	-	237	179	V
	* 17.964	21.79	ADR	41.2	-18.5	.62	45.11	54	-8.89	-	-	-	-	237	179	V
1	3.054	32.47	Pk	32.8	-29.5	0	35.77	-	-	-	-	68.2	-32.43	0-360	199	H
2	4.437	30.51	Pk	33.7	-26.5	0	37.71	-	-	-	-	68.2	-30.49	0-360	200	V
3	5.893	33.45	Pk	35.2	-18.1	0	50.55	-	-	-	-	68.2	-17.65	0-360	199	H
4	6.022	34.01	Pk	35.3	-17.9	0	51.41	-	-	-	-	68.2	-16.79	0-360	101	V

* - indicates frequency in CFR47 Pt 15 Restricted Band

Pk - Peak detector

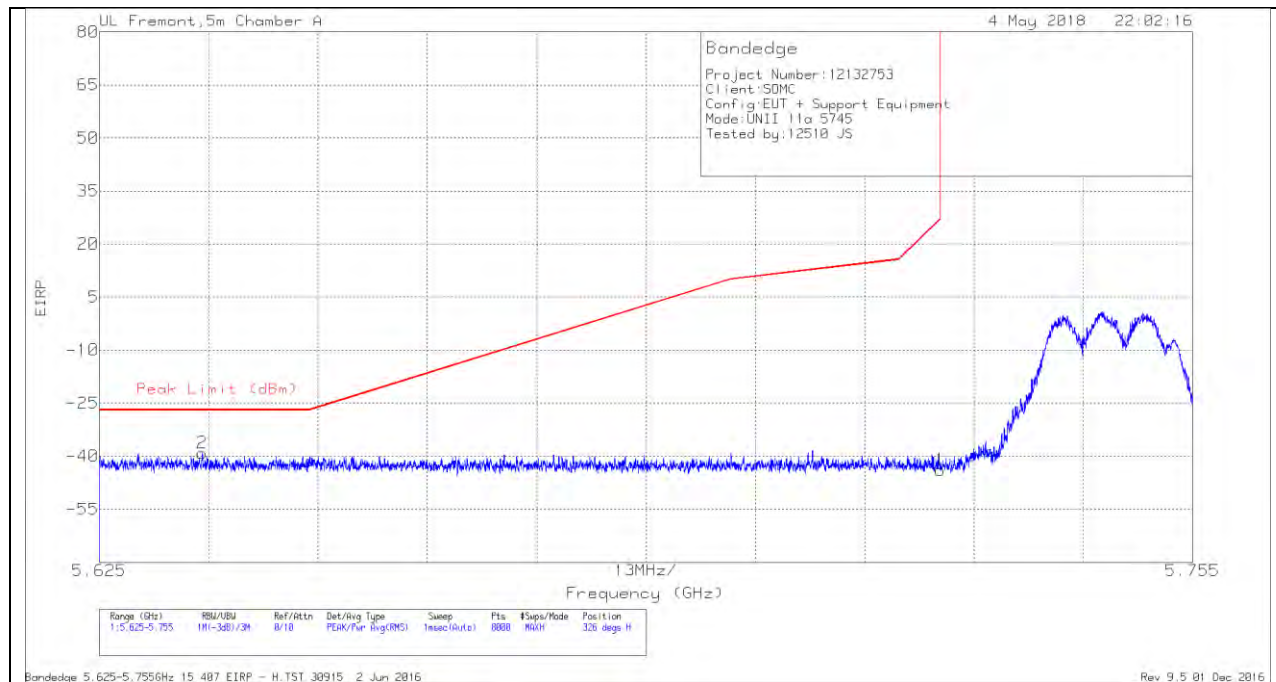
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (LOW CHANNEL)

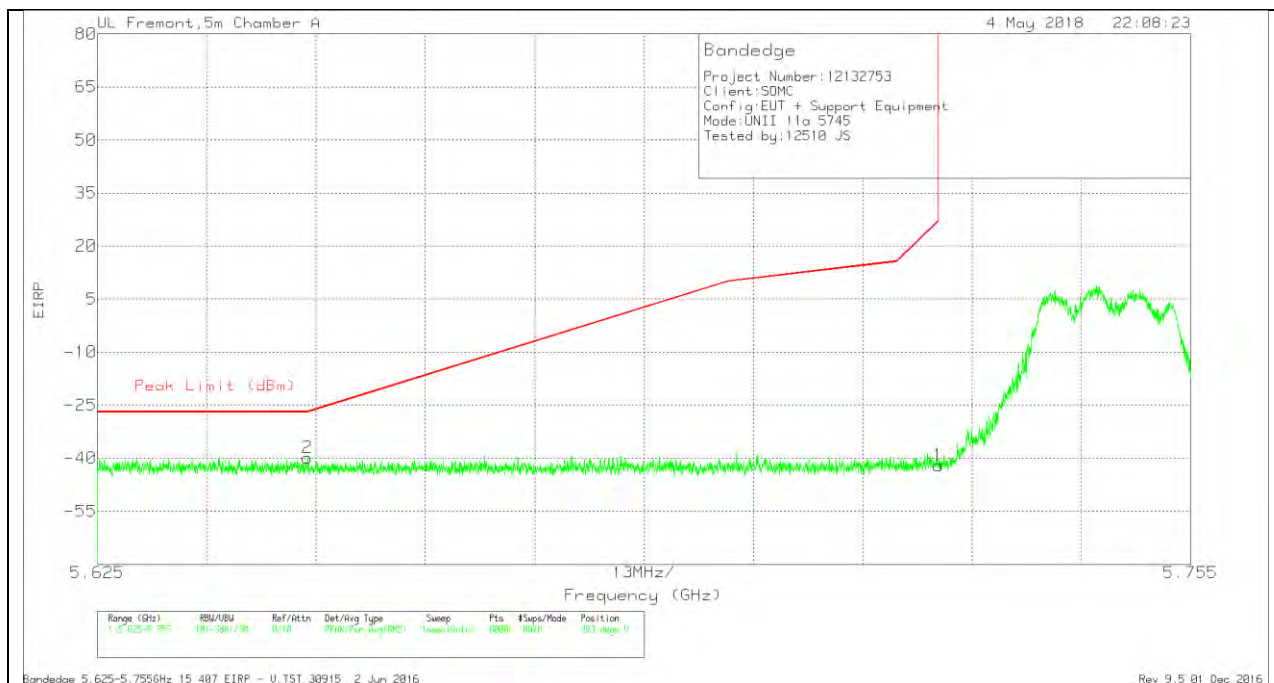
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.637	-67.58	Pk	35.1	-18.5	11.8	0	-39.18	-27	-12.18	326	105	H
1	5.725	-72.15	Pk	35	-18.5	11.8	0	-43.85	27	-70.85	326	105	H

* - indicates frequency in CFR47 Pt 15 Restricted Band

VERTICAL RESULT

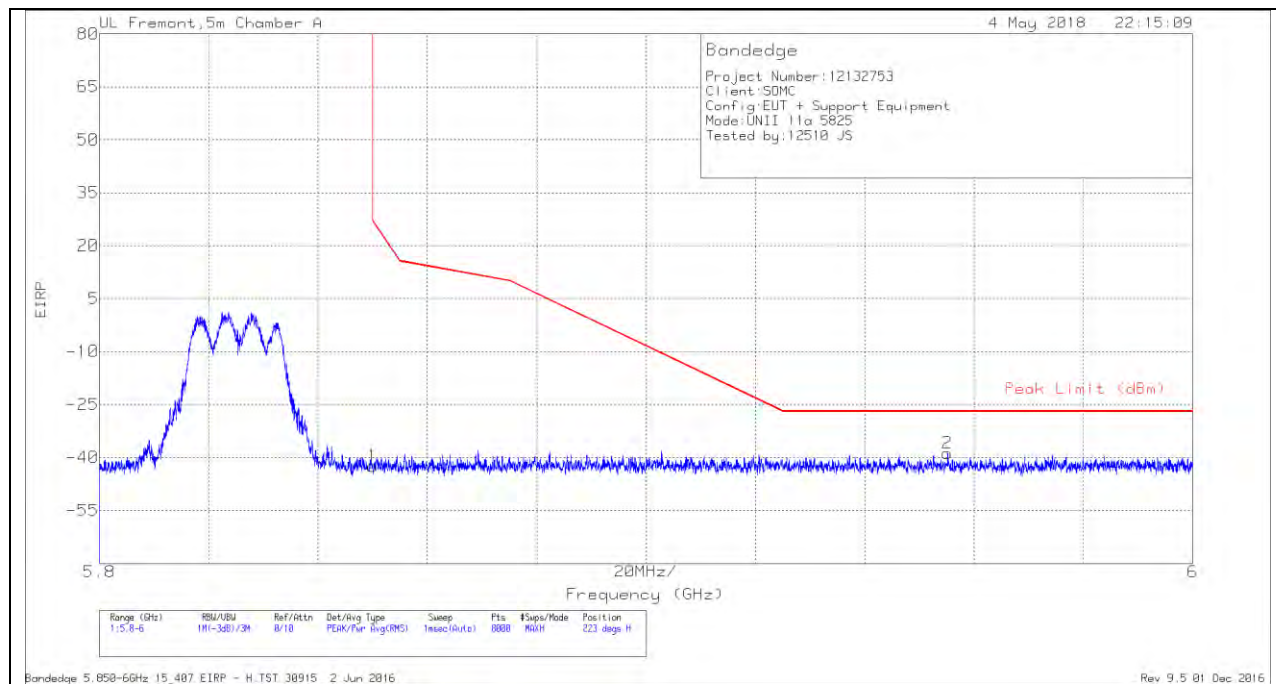


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.65	-68.35	Pk	35.1	-18.5	11.8	0	-39.95	-27	-12.95	203	102	V
1	5.725	-70.31	Pk	35	-18.5	11.8	0	-42.01	27	-69.01	203	102	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

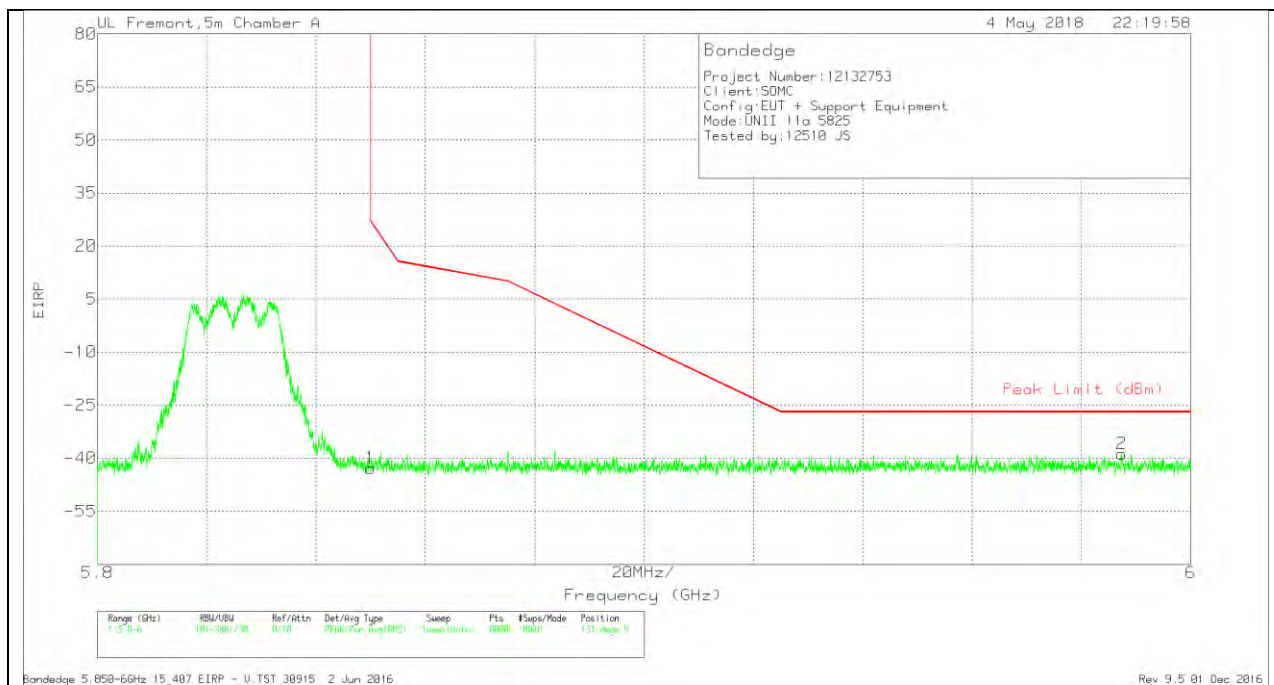
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/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	-71.09	Pk	35.1	-18.3	11.8	0	-42.49	26.99	-69.48	223	384	H
2	5.955	-67.7	Pk	35.3	-18.1	11.8	0	-38.7	-27	-11.7	223	384	H

Pk - Peak detector

VERTICAL RESULT

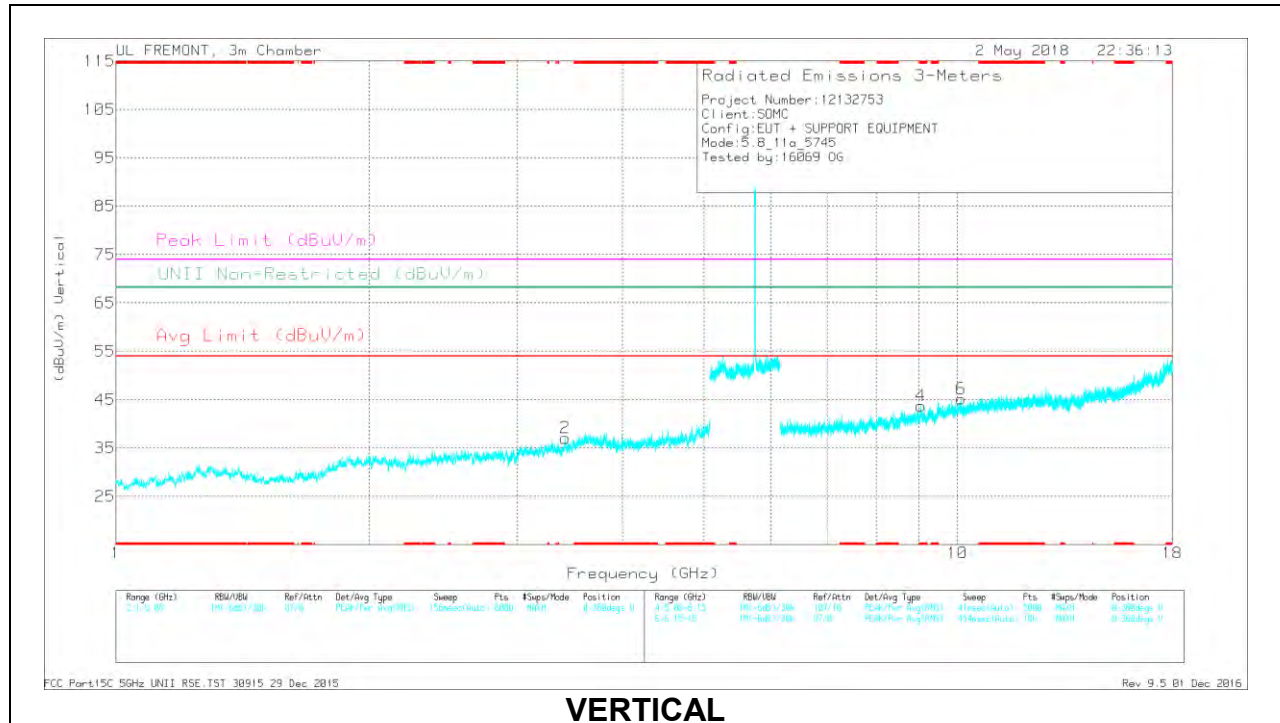
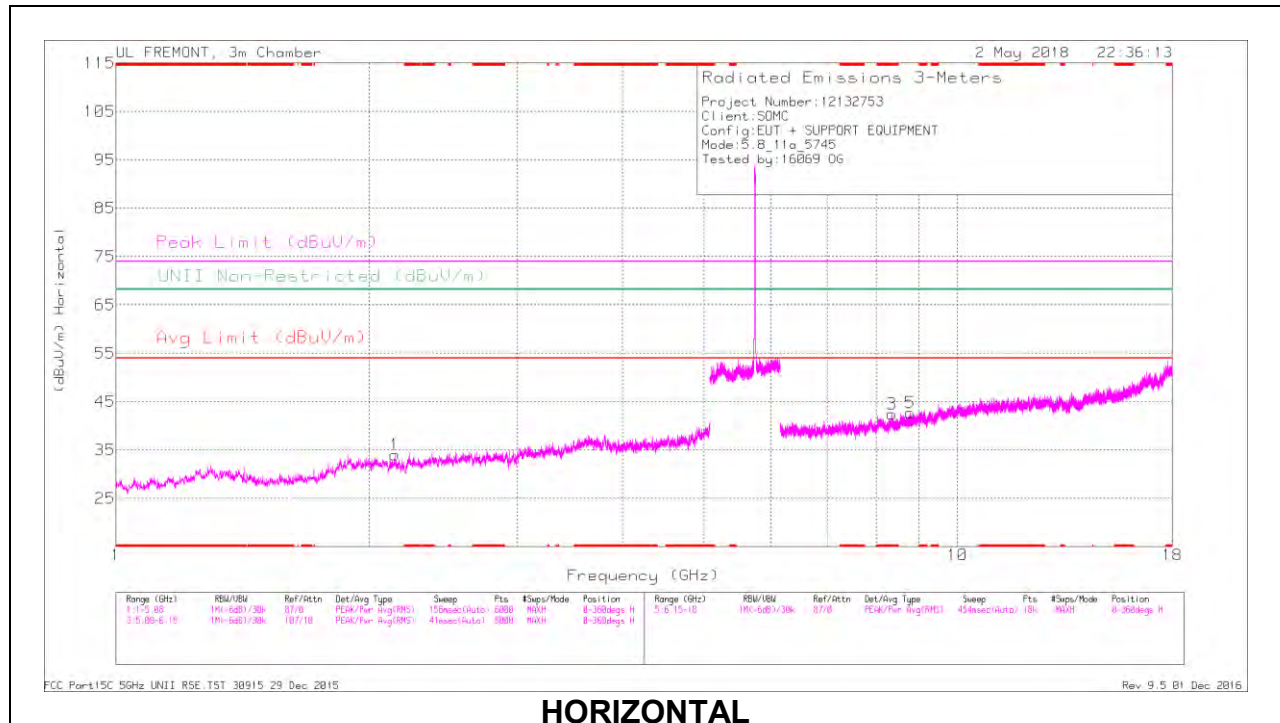


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-71.41	Pk	35.1	-18.3	11.8	0	-42.81	26.99	-69.8	131	289	V
2	5.987	-67.84	Pk	35.3	-18	11.8	0	-38.74	-27	-11.74	131	289	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

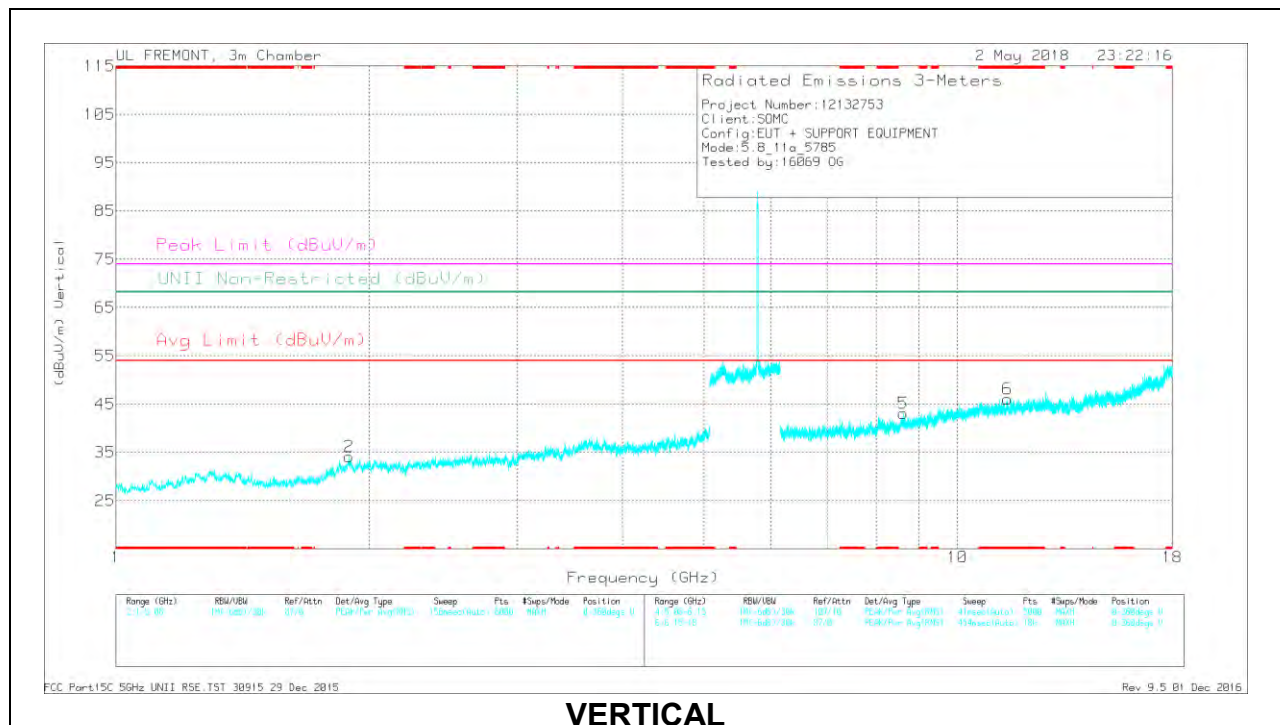
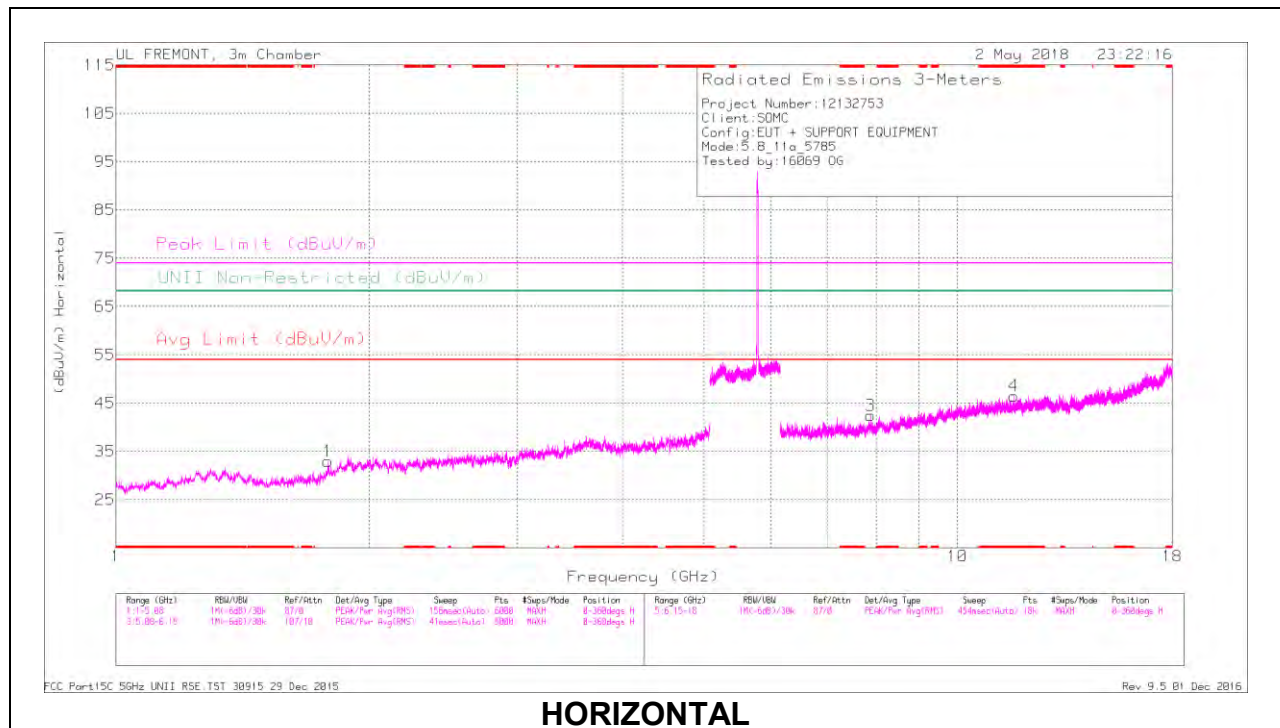
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 8.352	34.66	PK-U	35.8	-22.3	0	48.16	-	-	74	-25.84	-	-	24	270	H
	* 8.351	23.01	ADR	35.8	-22.4	0	36.41	54	-17.59	-	-	-	-	24	270	H
4	* 9.053	34.67	PK-U	36.1	-21	0	49.77	-	-	74	-24.23	-	-	174	220	V
	* 9.053	22.4	ADR	36.1	-21	0	37.5	54	-16.5	-	-	-	-	174	220	V
1	2.143	38.98	PK-U	31.4	-29.9	0	40.48	-	-	-	-	68.2	-27.72	336	246	H
2	3.418	38.33	PK-U	33.8	-28.3	0	43.83	-	-	-	-	68.2	-24.37	184	281	V
5	8.788	34.29	PK-U	36	-21.7	0	48.59	-	-	-	-	68.2	-19.61	173	134	H
6	10.092	33.87	PK-U	37.4	-20.5	0	50.77	-	-	-	-	68.2	-17.43	331	192	V

* - indicates frequency in CFR47 Pt 15 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

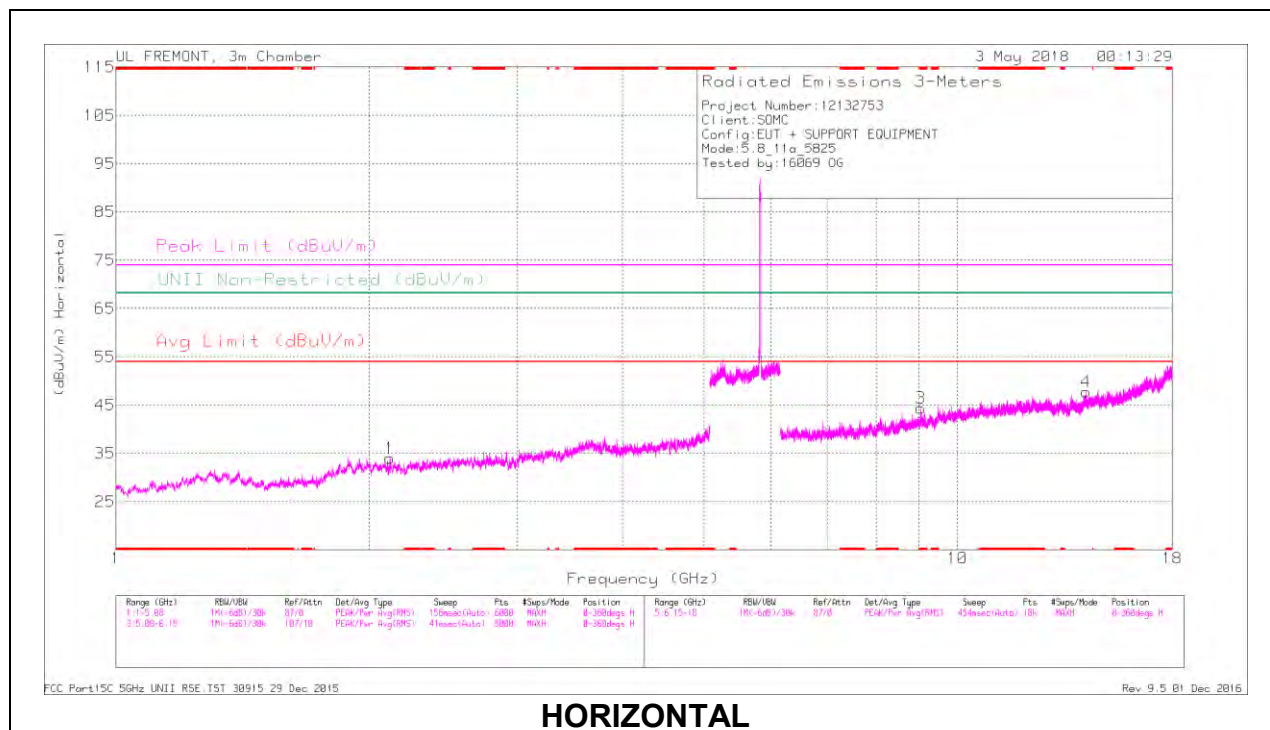
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 11.667	34.27	PK-U	38.8	-20.9	0	52.17	-	-	74	-21.83	-	-	73	199	H
	* 11.67	22.43	ADR	38.8	-20.8	0	40.43	54	-13.57	-	-	-	-	73	199	H
6	* 11.476	33.81	PK-U	38.5	-21	0	51.31	-	-	74	-22.69	-	-	88	284	V
	* 11.478	22.79	ADR	38.5	-21	0	40.29	54	-13.71	-	-	-	-	88	284	V
1	1.785	39.7	PK-U	30	-30.8	0	38.9	-	-	-	-	68.2	-29.3	53	396	H
2	1.893	38.96	PK-U	31.3	-30.2	0	40.06	-	-	-	-	68.2	-28.14	346	219	V
3	7.89	35.19	PK-U	35.8	-23	0	47.99	-	-	-	-	68.2	-20.21	66	144	H
5	8.619	34.58	PK-U	35.8	-22	0	48.38	-	-	-	-	68.2	-19.82	203	287	V

* - indicates frequency in CFR47 Pt 15 Restricted Band

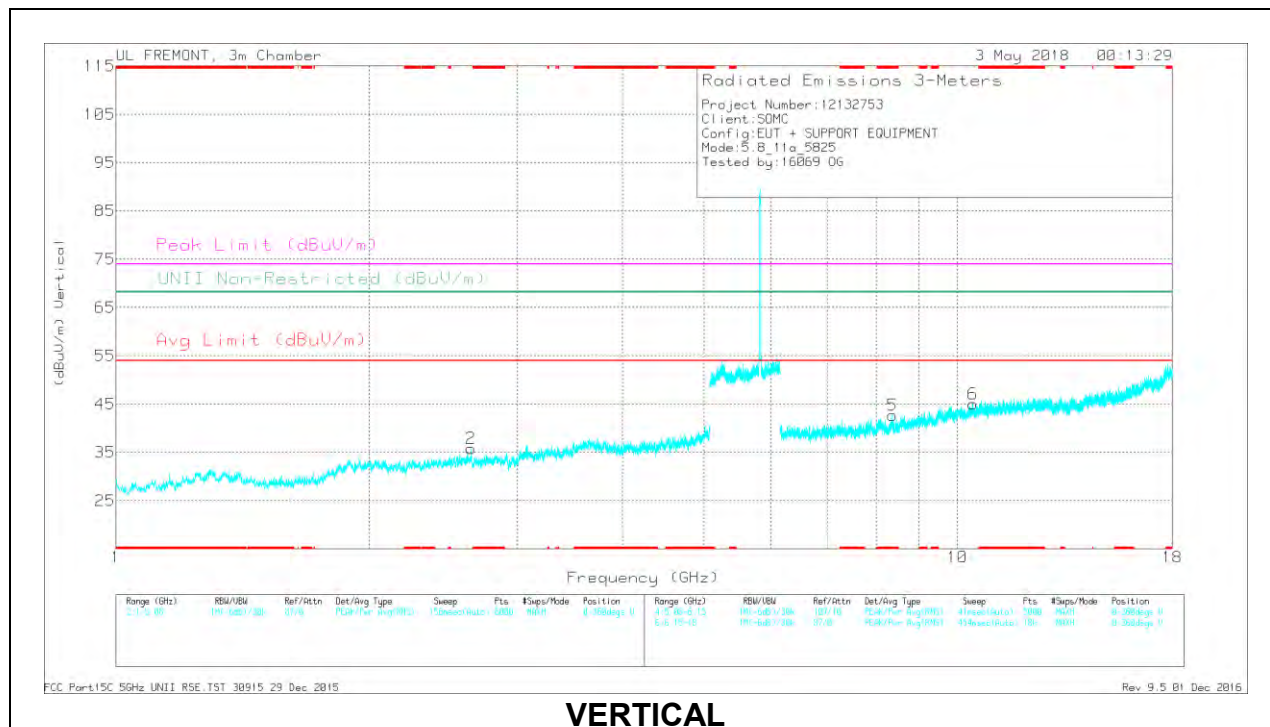
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 9.052	33.61	PK-U	36.1	-21	0	48.71	-	-	74	-25.29	-	-	318	361	H
	* 9.052	22.4	ADR	36.1	-21	0	37.5	54	-16.5	-	-	-	-	318	361	H
5	* 8.377	33.39	PK-U	35.7	-21.4	0	47.69	-	-	74	-26.31	-	-	312	298	V
	* 8.38	21.79	ADR	35.7	-21.3	0	36.19	54	-17.81	-	-	-	-	312	298	V
1	2.118	37.74	PK-U	31.5	-30.1	0	39.14	-	-	-	-	68.2	-29.06	93	222	H
2	2.643	37.91	PK-U	32.6	-29.2	0	41.31	-	-	-	-	68.2	-26.89	249	337	V
6	10.439	34.27	PK-U	37.6	-20.8	0	51.07	-	-	-	-	68.2	-17.13	248	113	V
4	14.211	35.83	PK-U	39.4	-21.4	0	53.83	-	-	-	-	68.2	-14.37	175	102	H

* - indicates frequency in CFR47 Pt 15 Restricted Band

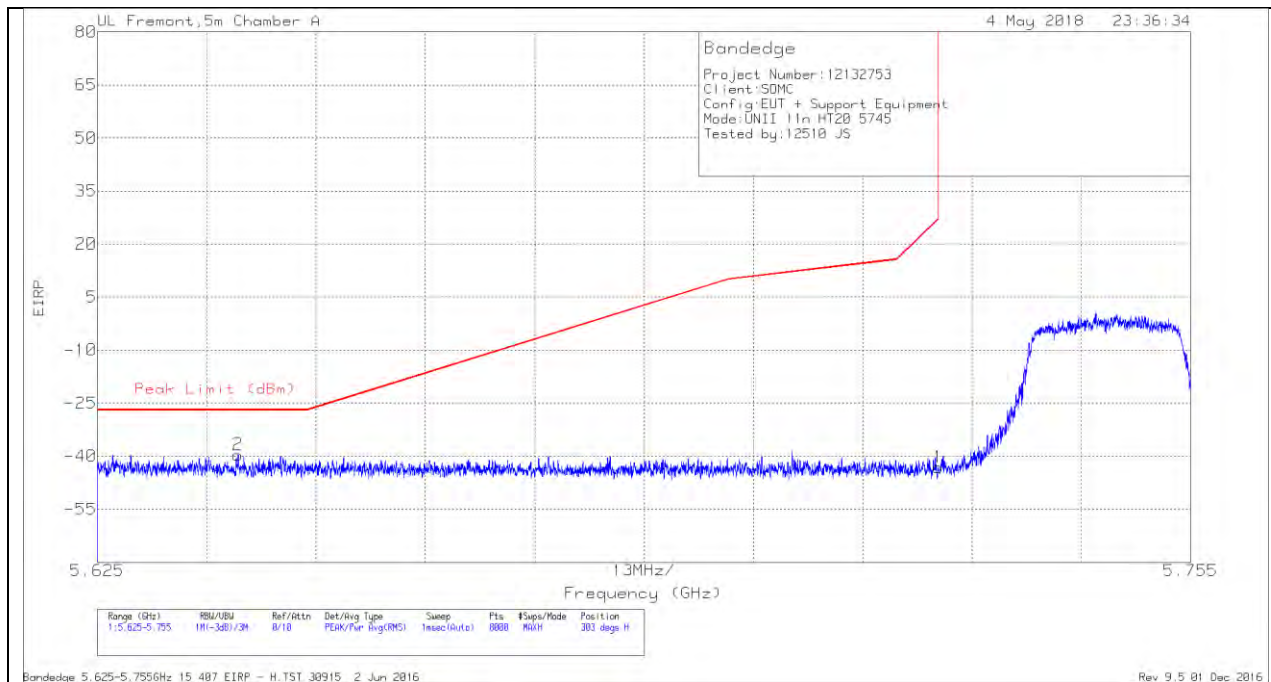
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

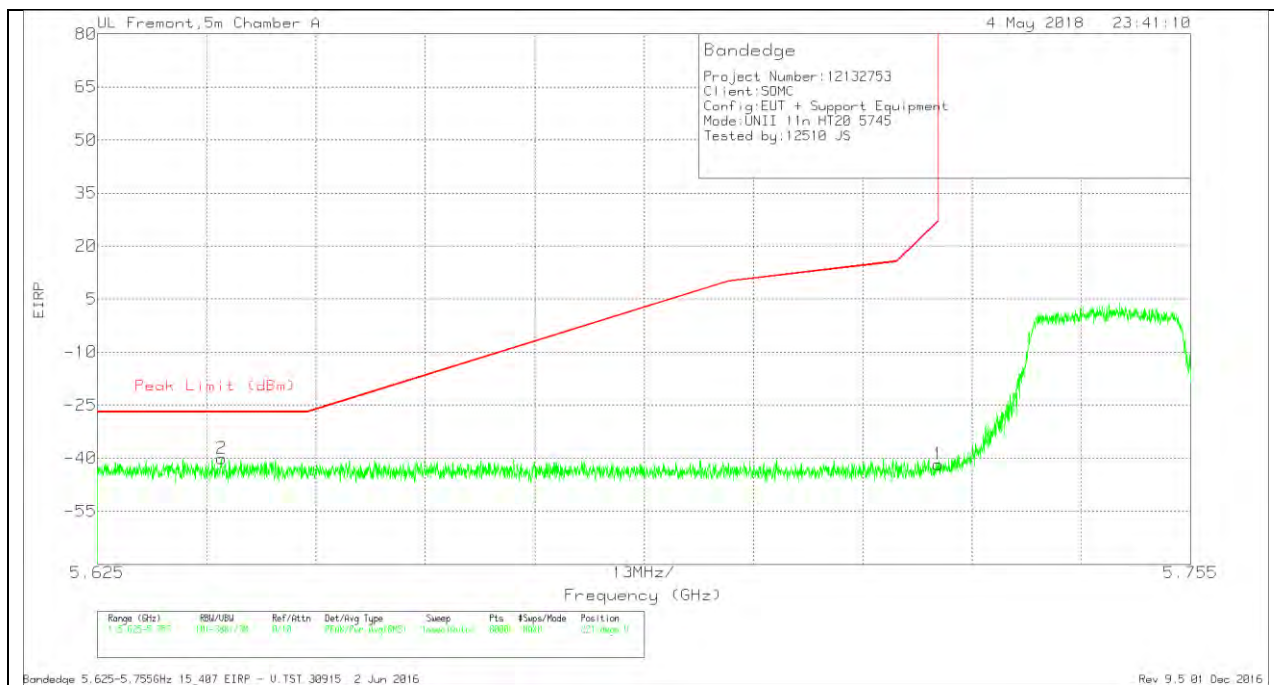


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.642	-68	Pk	35.1	-18.5	11.8	0	-39.6	-27	-12.6	303	395	H
1	5.725	-71.51	Pk	35	-18.5	11.8	0	-43.21	27	-70.21	303	395	H

* - indicates frequency in CFR47 Pt 15 Restricted Band

Pk - Peak detector

VERTICAL RESULT

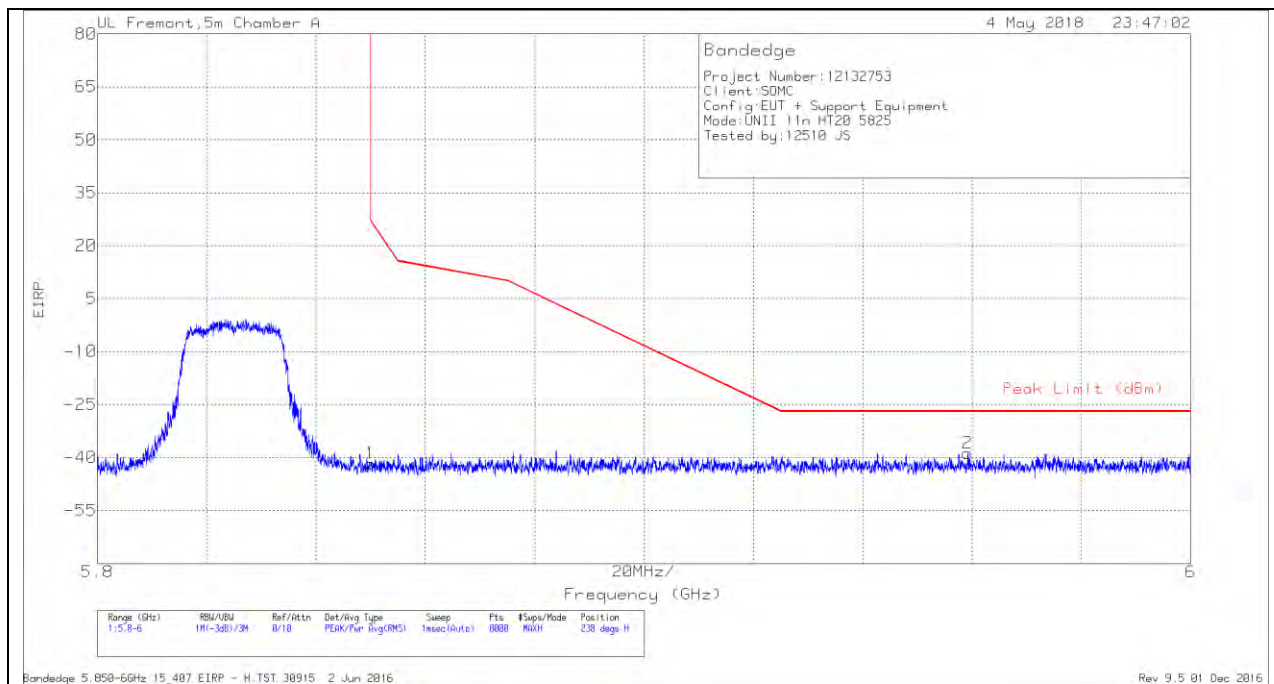


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64	-68.46	Pk	35.1	-18.5	11.8	0	-40.06	-27	-13.06	221	273	V
1	5.725	-69.94	Pk	35	-18.5	11.8	0	-41.64	27	-68.64	221	273	V

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

BANDEDGE (HIGH CHANNEL)

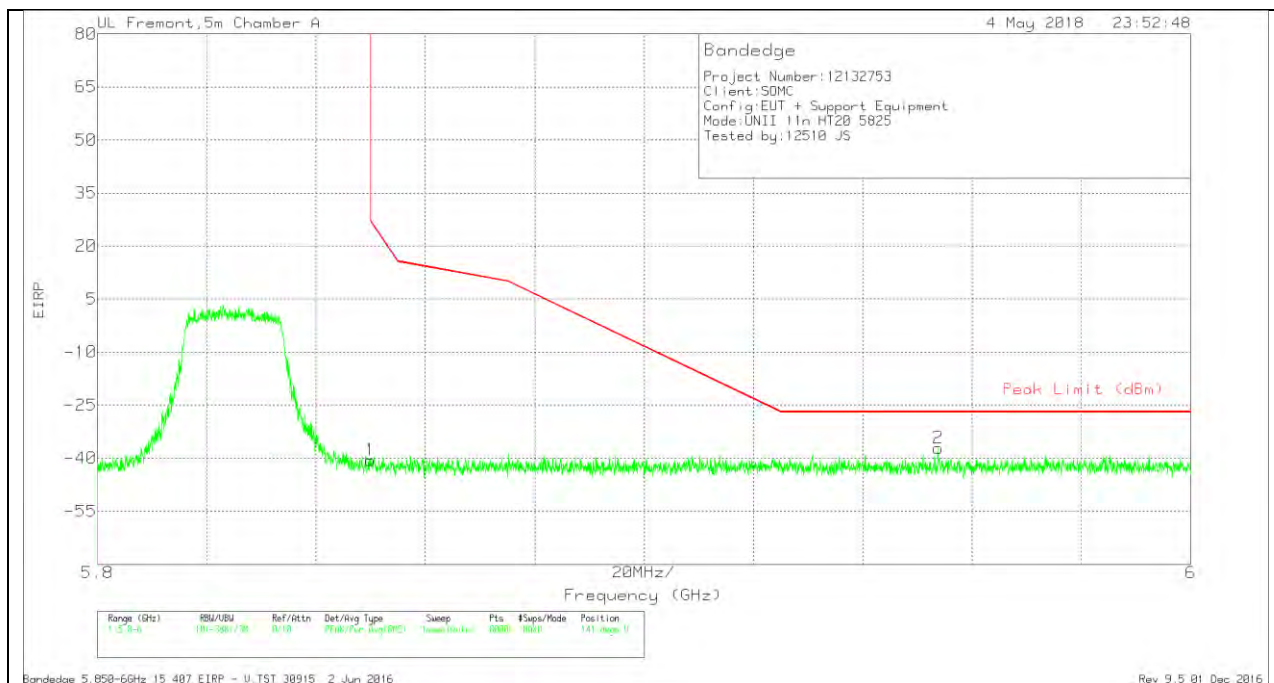
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/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	-70.32	Pk	35.1	-18.3	11.8	0	-41.72	26.99	-68.71	238	361	H
2	5.959	-67.74	Pk	35.3	-18.1	11.8	0	-38.74	-27	-11.74	238	361	H

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

VERTICAL RESULT

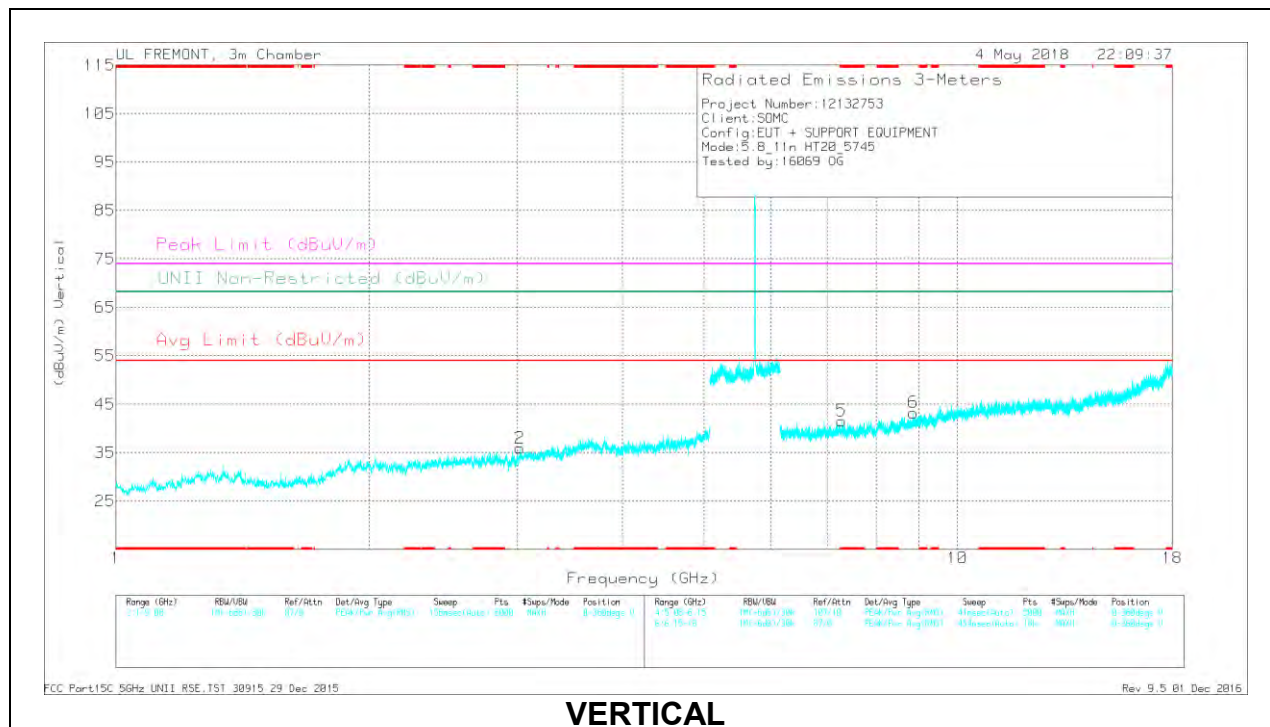
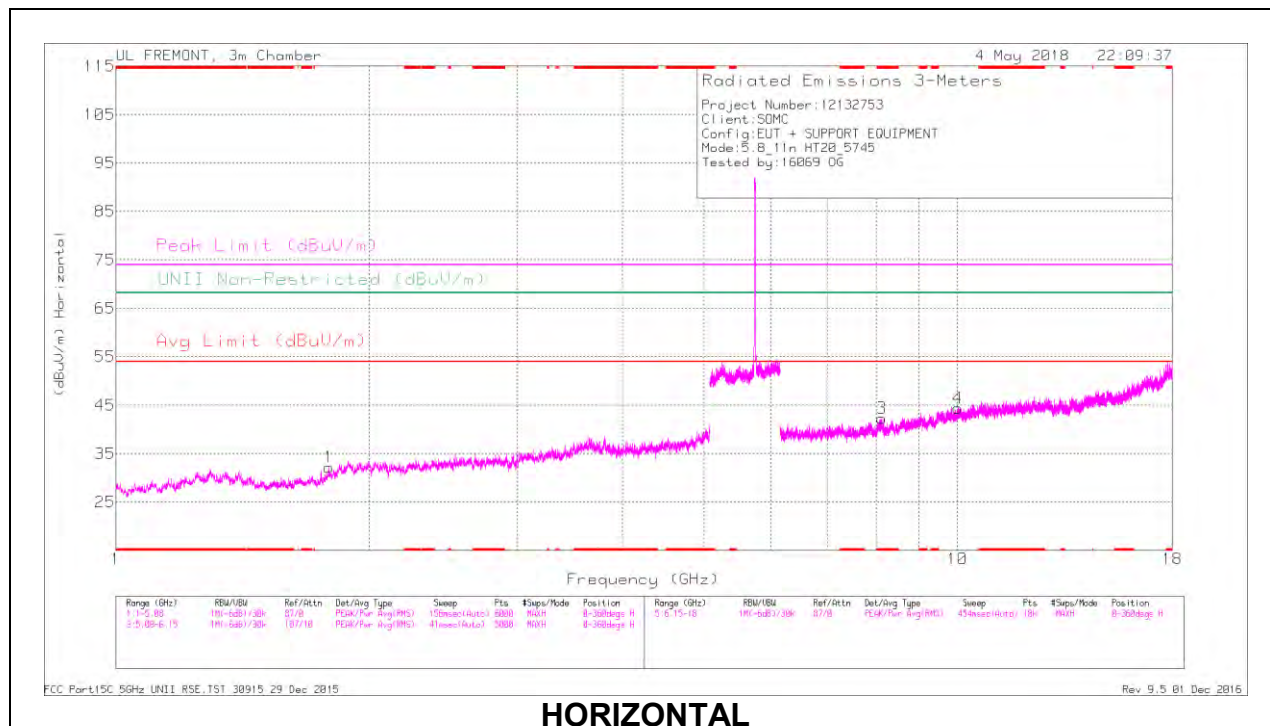


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-69.25	Pk	35.1	-18.3	11.8	0	-40.65	26.99	-67.64	141	218	V
2	5.954	-66.18	Pk	35.3	-18.1	11.8	0	-37.18	-27	-10.18	141	218	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

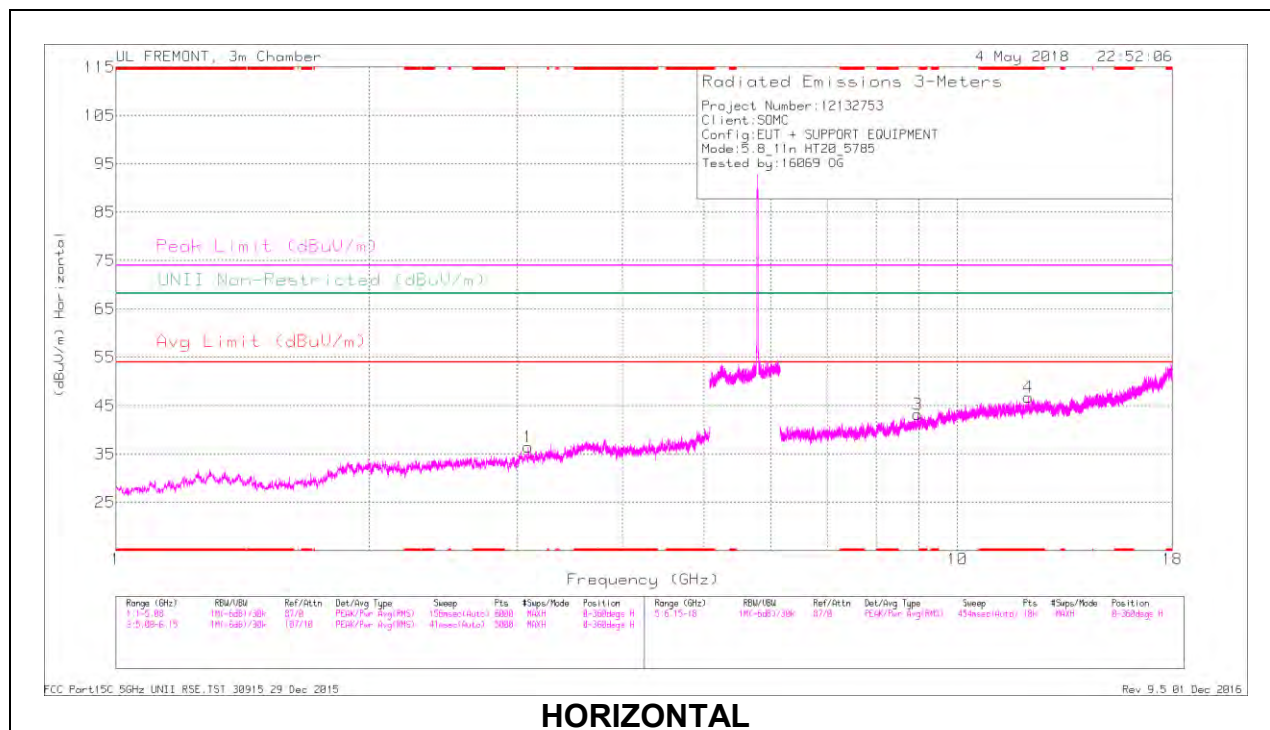
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 8.134	35.12	PK-U	35.8	-22.6	0	48.32	-	-	74	-25.68	-	-	236	353	H
	* 8.136	23.2	ADR	35.8	-22.8	.1	36.3	54	-17.7	-	-	-	-	236	353	H
5	* 7.289	36.14	PK-U	35.7	-23.8	0	48.04	-	-	74	-25.96	-	-	168	160	V
	* 7.289	24.11	ADR	35.7	-24	.1	35.91	54	-18.09	-	-	-	-	168	160	V
1	1.79	40.26	PK-U	30.1	-30.8	0	39.56	-	-	-	-	68.2	-28.64	180	131	H
2	3.019	39.01	PK-U	33.1	-29.8	0	42.31	-	-	-	-	68.2	-25.89	159	396	V
6	8.855	33.7	PK-U	36.1	-21.9	0	47.9	-	-	-	-	68.2	-20.3	302	265	V
4	10.013	33.41	PK-U	37.3	-20.7	0	50.01	-	-	-	-	68.2	-18.19	340	361	H

* - indicates frequency in CFR47 Pt 15 Restricted Band

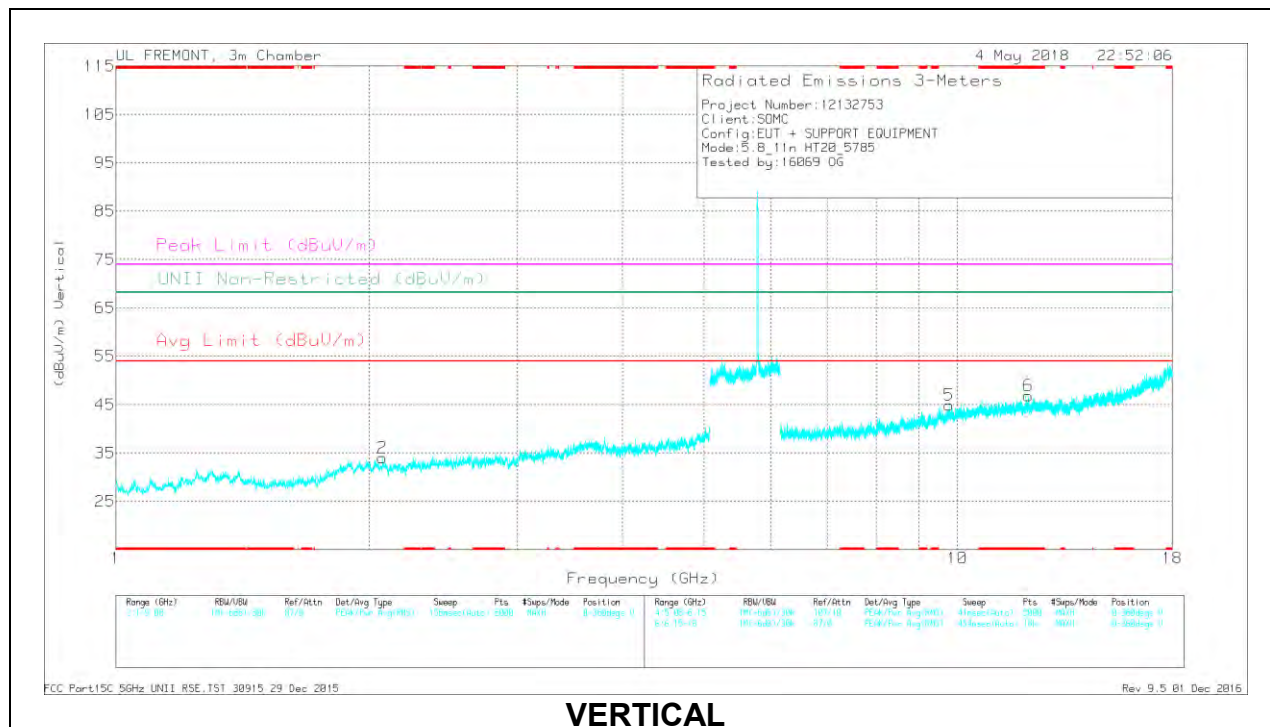
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

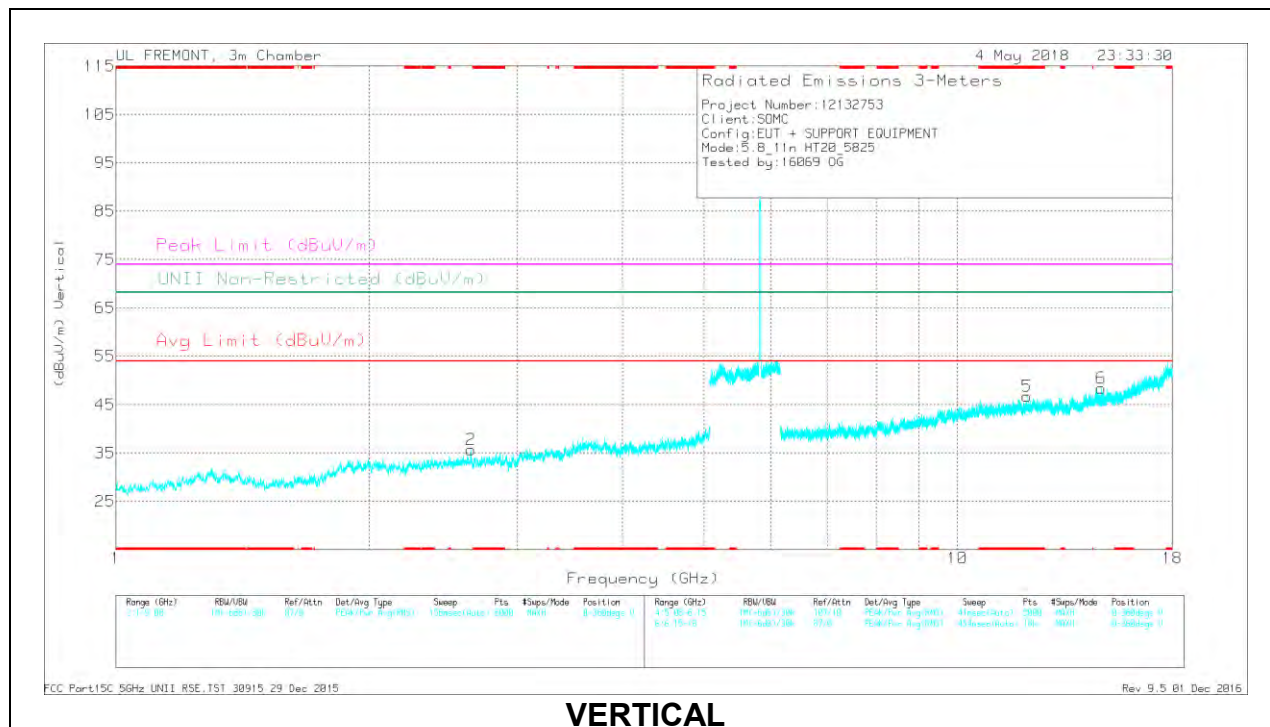
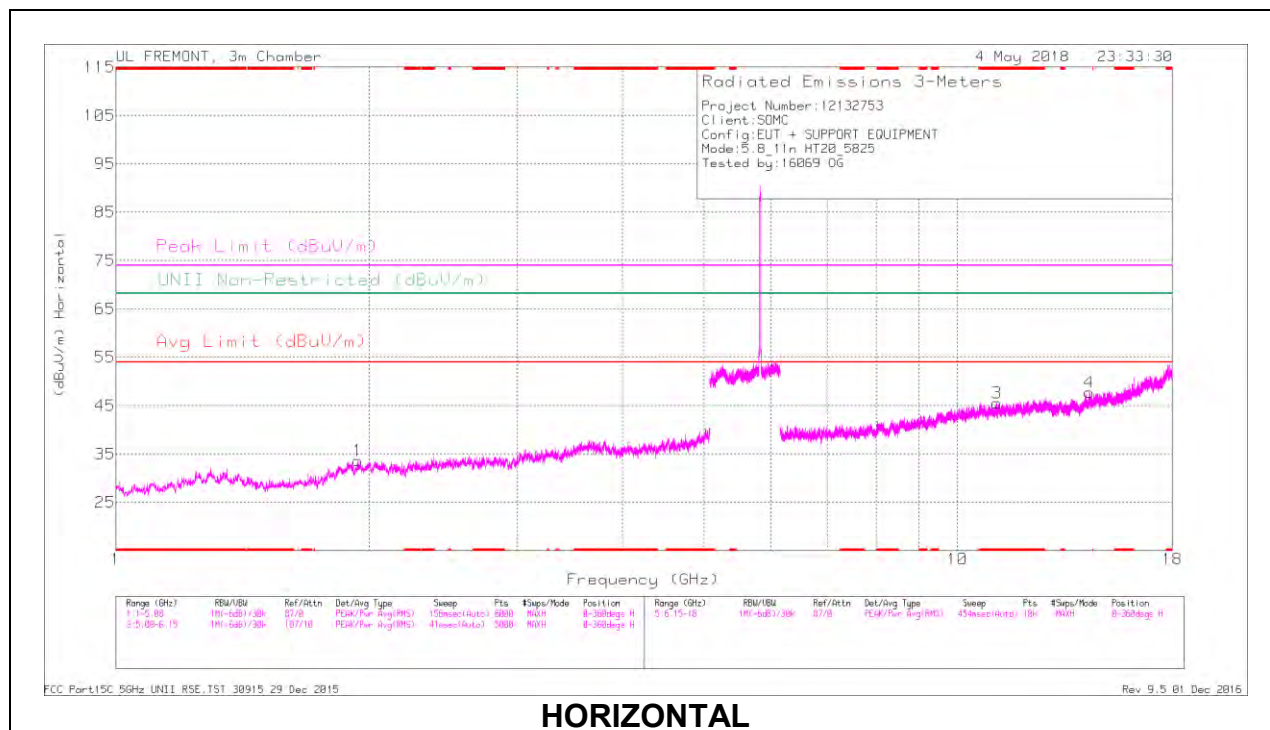
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 12.149	34.28	PK-U	39.1	-21.4	0	51.98	-	-	74	-22.02	-	-	188	237	H
	* 12.149	22.82	ADR	39.1	-21.4	.1	40.62	54	-13.38	-	-	-	-	188	237	H
6	* 12.143	34.78	PK-U	39.1	-20.9	0	52.98	-	-	74	-21.02	-	-	330	373	V
	* 12.142	22.9	ADR	39.1	-21	.1	41.1	54	-12.9	-	-	-	-	330	373	V
2	2.076	38.55	PK-U	31.7	-30.4	0	39.85	-	-	-	-	68.2	-28.35	352	235	V
1	3.091	37.92	PK-U	33.2	-29.3	0	41.82	-	-	-	-	68.2	-26.38	189	400	H
3	8.973	34.63	PK-U	36.1	-22	0	48.73	-	-	-	-	68.2	-19.47	95	202	H
5	9.769	33.82	PK-U	37.1	-21.2	0	49.72	-	-	-	-	68.2	-18.48	21	396	V

* - indicates frequency in CFR47 Pt 15 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 11.13	33.46	PK-U	38.2	-20.9	0	50.76	-	-	74	-23.24	-	-	206	265	H
	* 11.129	22.43	ADR	38.2	-21	.1	39.73	54	-14.27	-	-	-	-	206	265	H
5	* 12.105	34.84	PK-U	39.1	-22.1	0	51.84	-	-	74	-22.16	-	-	75	202	V
	* 12.104	22.82	ADR	39.1	-22.1	.1	39.92	54	-14.08	-	-	-	-	75	202	V
1	1.937	38.87	PK-U	31.5	-30.6	0	39.77	-	-	-	-	68.2	-28.43	345	246	H
2	2.644	37.87	PK-U	32.6	-29.3	0	41.17	-	-	-	-	68.2	-27.03	339	252	V
4	14.338	36.71	PK-U	39.5	-22	0	54.21	-	-	-	-	68.2	-13.99	327	199	H
6	14.813	35.04	PK-U	39.9	-21.7	0	53.24	-	-	-	-	68.2	-14.96	92	146	V

* - indicates frequency in CFR47 Pt 15 Restricted Band

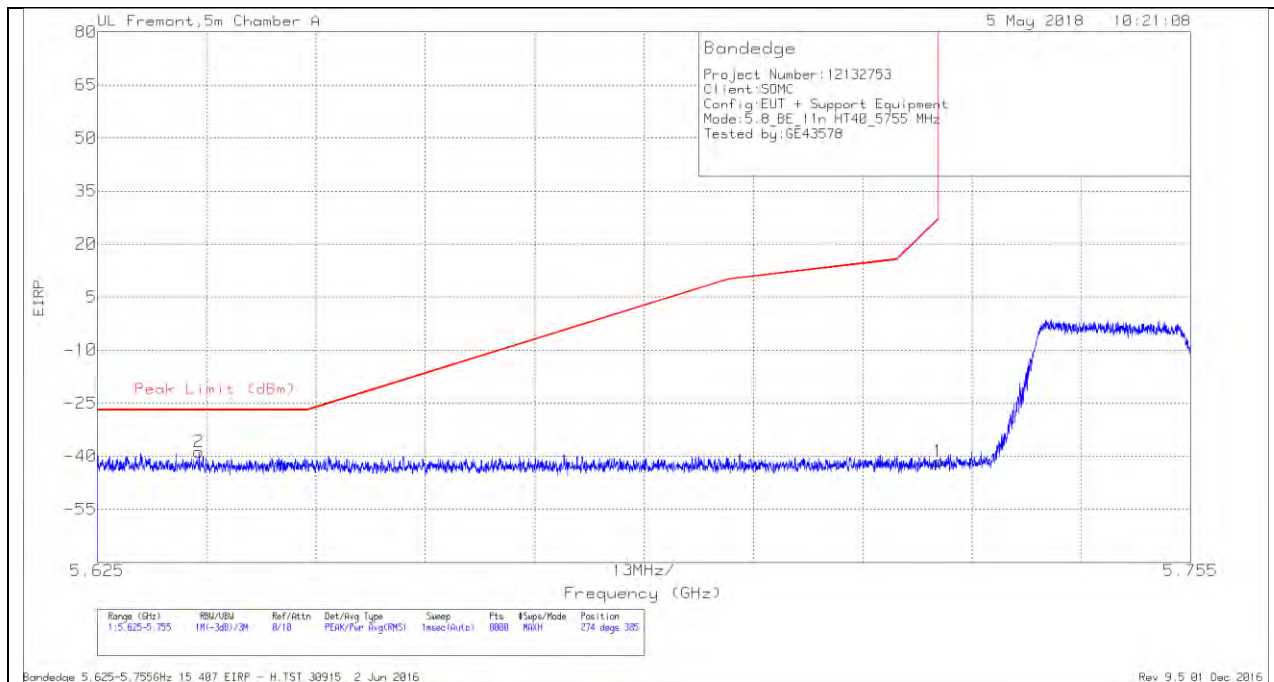
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (LOW CHANNEL)

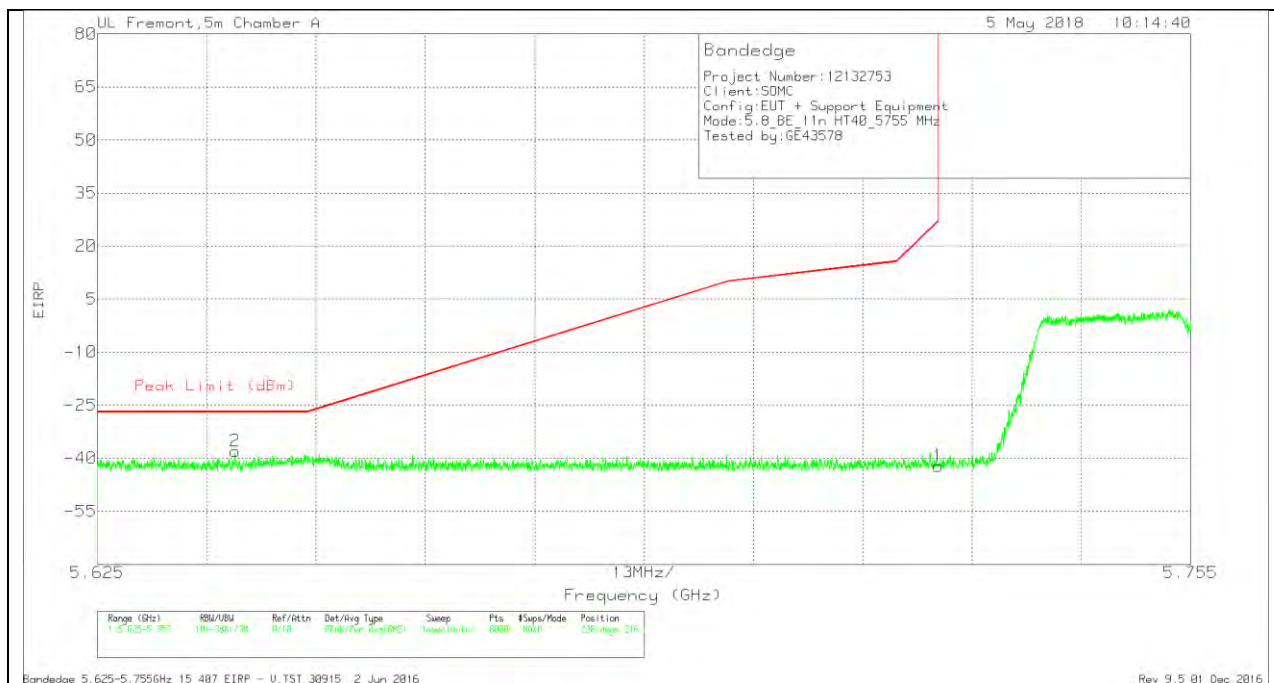
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (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	5.637	-67.2	Pk	35.1	-18.5	11.8	-38.8	-27	-11.8	274	385	H
1	5.725	-69.89	Pk	35	-18.5	11.8	-41.59	27	-68.59	274	385	H

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

VERTICAL RESULT

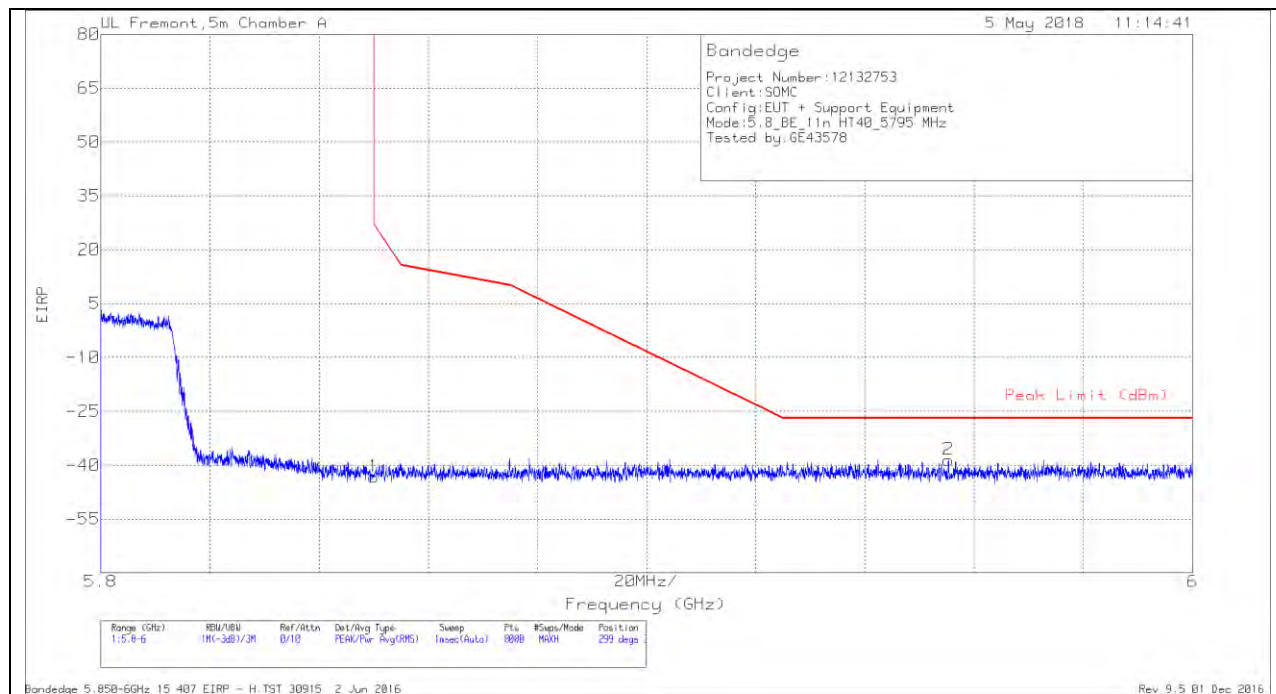


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.641	-66.35	Pk	35.1	-18.5	11.8	-37.95	-27	-10.95	238	216	V
1	5.725	-70.51	Pk	35	-18.5	11.8	-42.21	27	-69.21	238	216	V

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

BANDEDGE (HIGH CHANNEL)

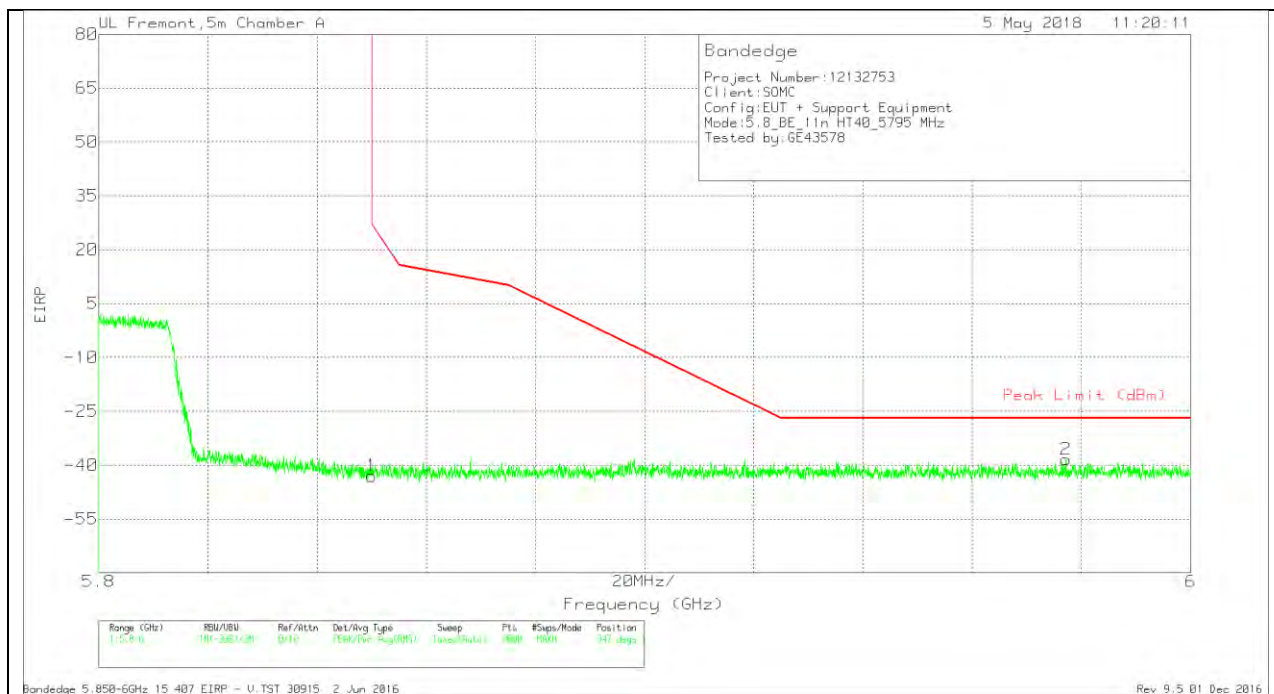
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (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	-71.85	Pk	35.1	-18.3	11.8	-43.25	26.99	-70.24	299	344	H
2	5.955	-67.5	Pk	35.3	-18.1	11.8	-38.5	-27	-11.5	299	344	H

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

VERTICAL RESULT

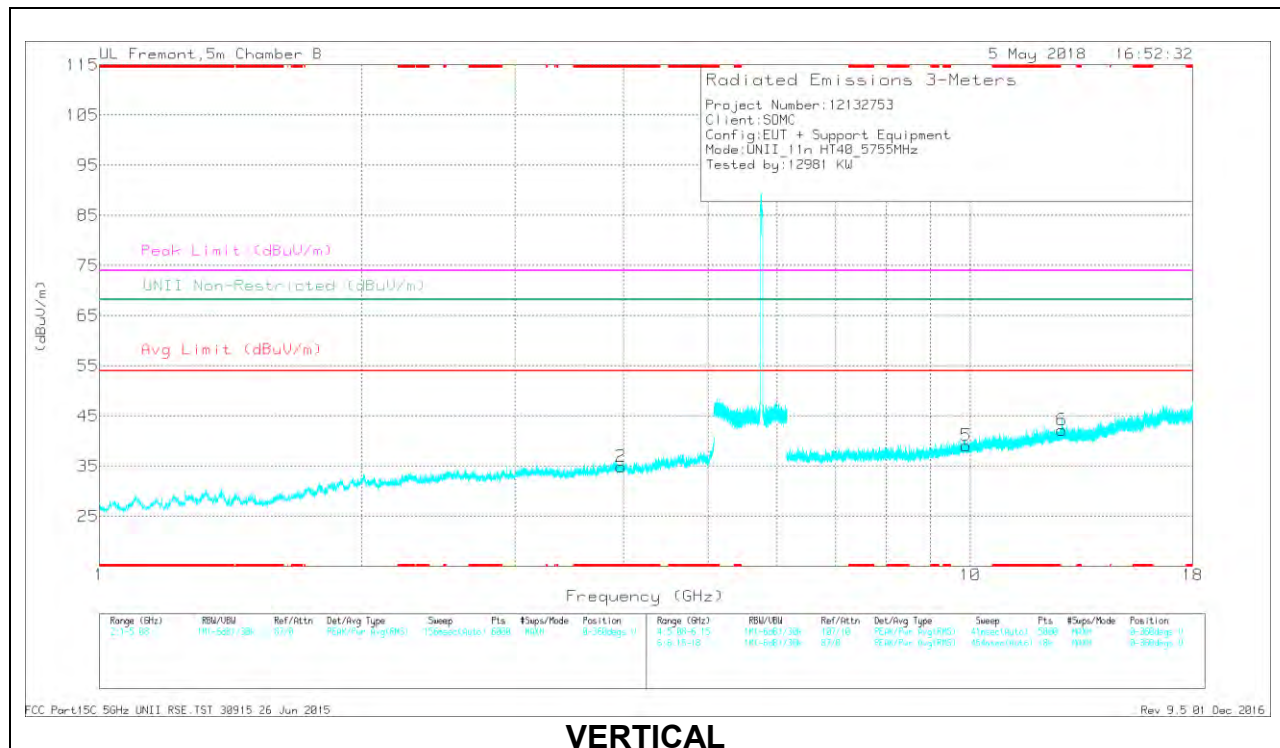
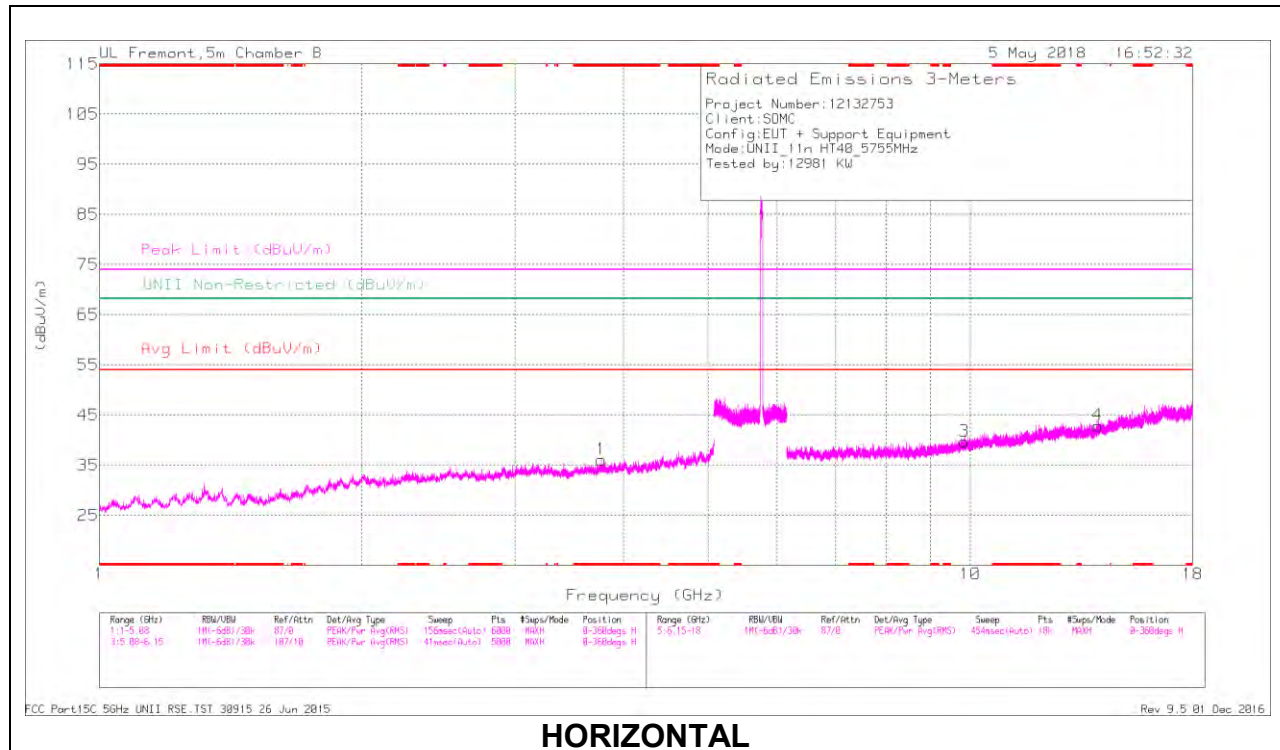


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-71.6	Pk	35.1	-18.3	11.8	-43	26.99	-69.99	347	139	V
2	5.977	-67.54	Pk	35.3	-18	11.8	-38.44	-27	-11.44	347	139	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

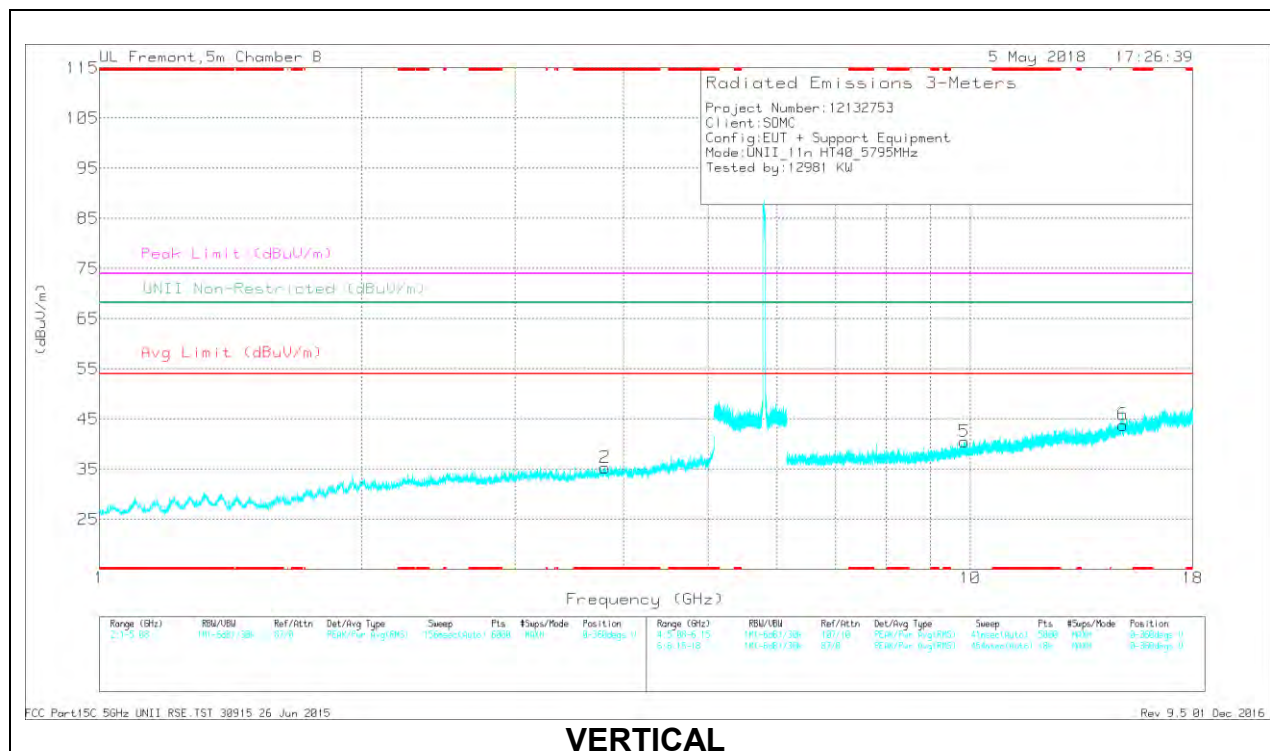
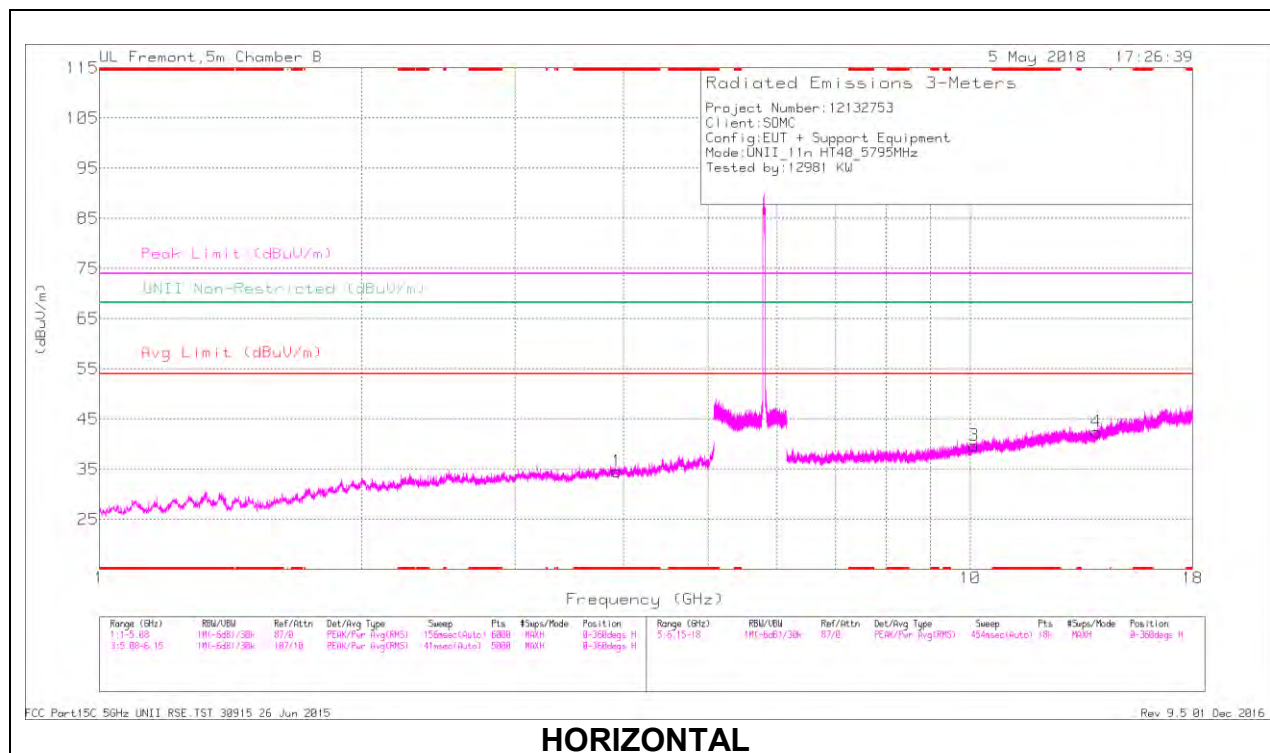
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.768	40.13	PK-U	33.4	-31.3	0	42.23	-	-	74	-31.77	-	-	60	250	H
	* 3.77	28.24	ADR	33.4	-31.4	.32	30.56	54	-23.44	-	-	-	-	60	250	H
2	* 3.975	39.75	PK-U	33.5	-30.7	0	42.55	-	-	74	-31.45	-	-	164	145	V
	* 3.974	27.61	ADR	33.5	-30.7	.32	30.73	54	-23.27	-	-	-	-	164	145	V
3	9.84	34.44	PK-U	37	-24.6	0	46.84	-	-	-	-	68.2	-21.36	78	174	H
5	9.894	34.68	PK-U	37	-25.3	0	46.38	-	-	-	-	68.2	-21.82	55	260	V
6	12.739	33.29	PK-U	39.4	-23.5	0	49.19	-	-	-	-	68.2	-19.01	226	207	V
4	14.003	33.26	PK-U	39.2	-23.4	0	49.06	-	-	-	-	68.2	-19.14	237	167	H

* - indicates frequency in CFR47 Pt 15 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.927	38.97	PK-U	33.5	-31.1	0	41.37	-	-	74	-32.63	-	-	77	175	H
	* 3.929	27.83	ADR	33.5	-31.1	.32	30.55	54	-23.45	-	-	-	-	77	175	H
2	* 3.807	41.15	PK-U	33.5	-31.7	0	42.95	-	-	74	-31.05	-	-	164	264	V
	* 3.807	28.89	ADR	33.5	-31.8	.32	30.91	54	-23.09	-	-	-	-	164	264	V
5	9.838	34.5	PK-U	37	-24.6	0	46.9	-	-	-	-	68.2	-21.3	95	116	V
3	10.095	34.04	PK-U	37.3	-25.1	0	46.24	-	-	-	-	68.2	-21.96	134	125	H
4	13.951	33.4	PK-U	39.2	-23.4	0	49.2	-	-	-	-	68.2	-19	241	176	H
6	14.975	33.72	PK-U	40.6	-22.9	0	51.42	-	-	-	-	68.2	-16.78	322	195	V

* - indicates frequency in CFR47 Pt 15 Restricted Band

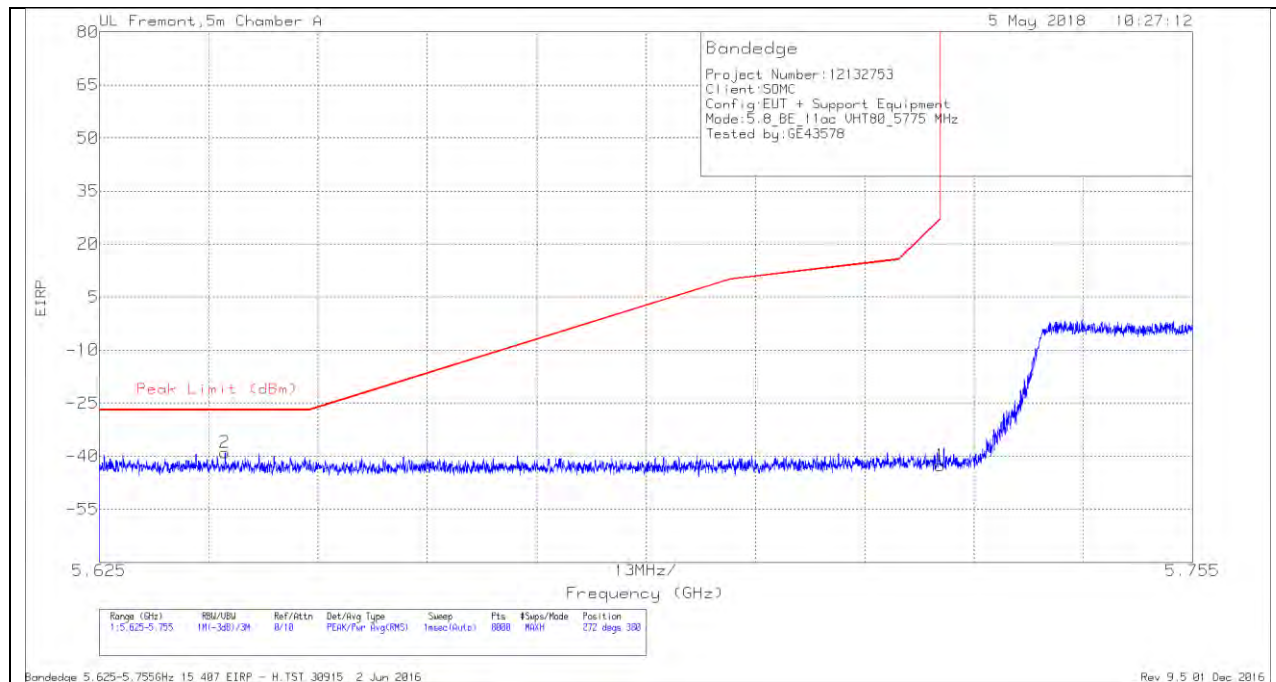
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (CHANNEL 155 LOW EDGE)

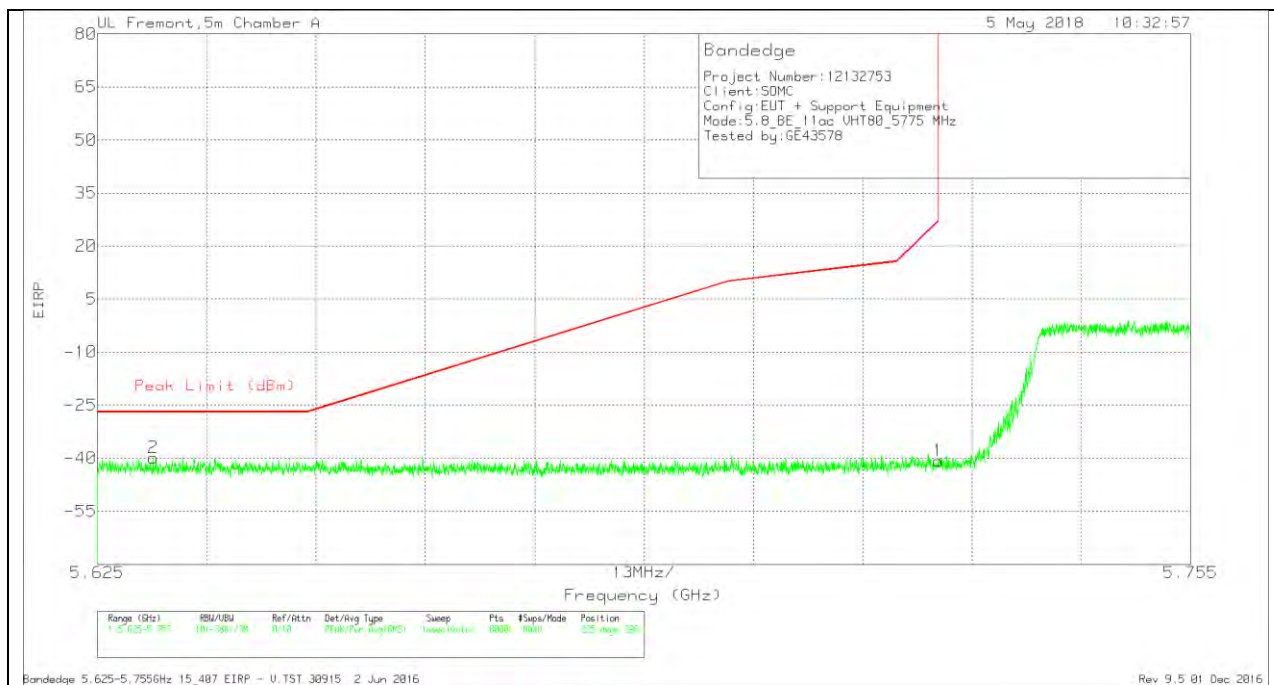
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (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	-67.41	Pk	35.1	-18.5	11.8	-39.01	-27	-12.01	272	380	H
1	5.725	-70.86	Pk	35	-18.5	11.8	-42.56	27	-69.56	272	380	H

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

VERTICAL RESULT

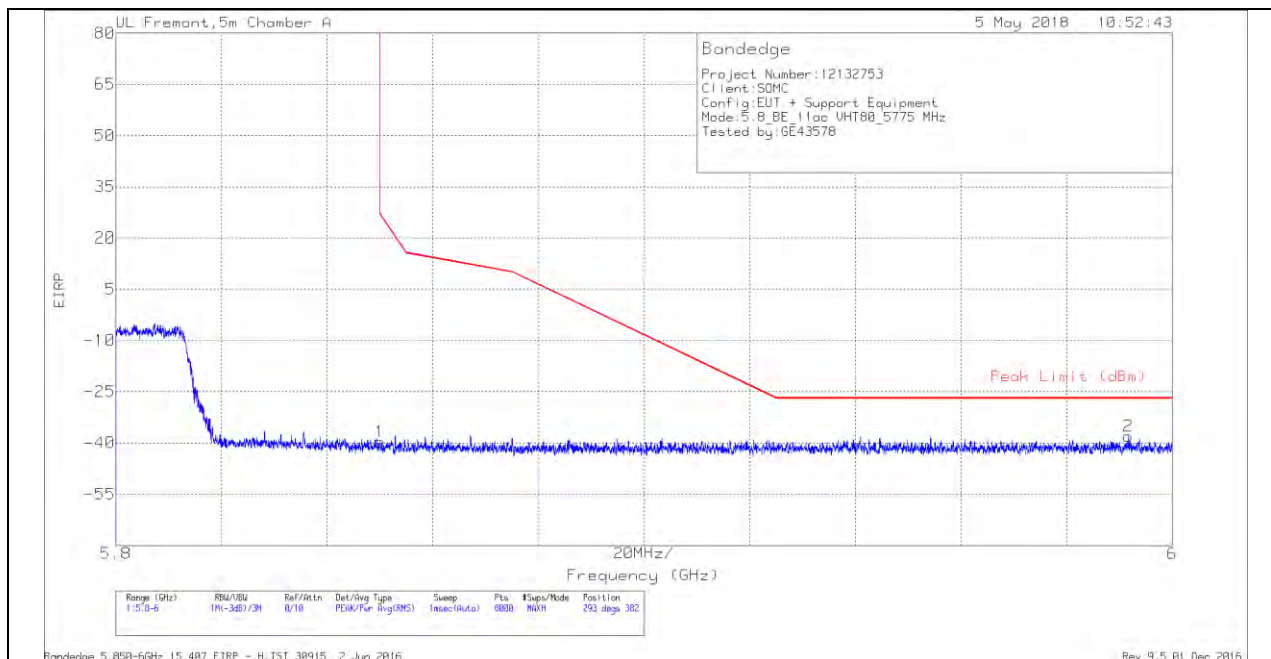


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.632	-68.25	Pk	35.1	-18.5	11.8	-39.85	-27	-12.85	225	398	V
1	5.725	-69.16	Pk	35	-18.5	11.8	-40.86	27	-67.86	225	398	V

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

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT

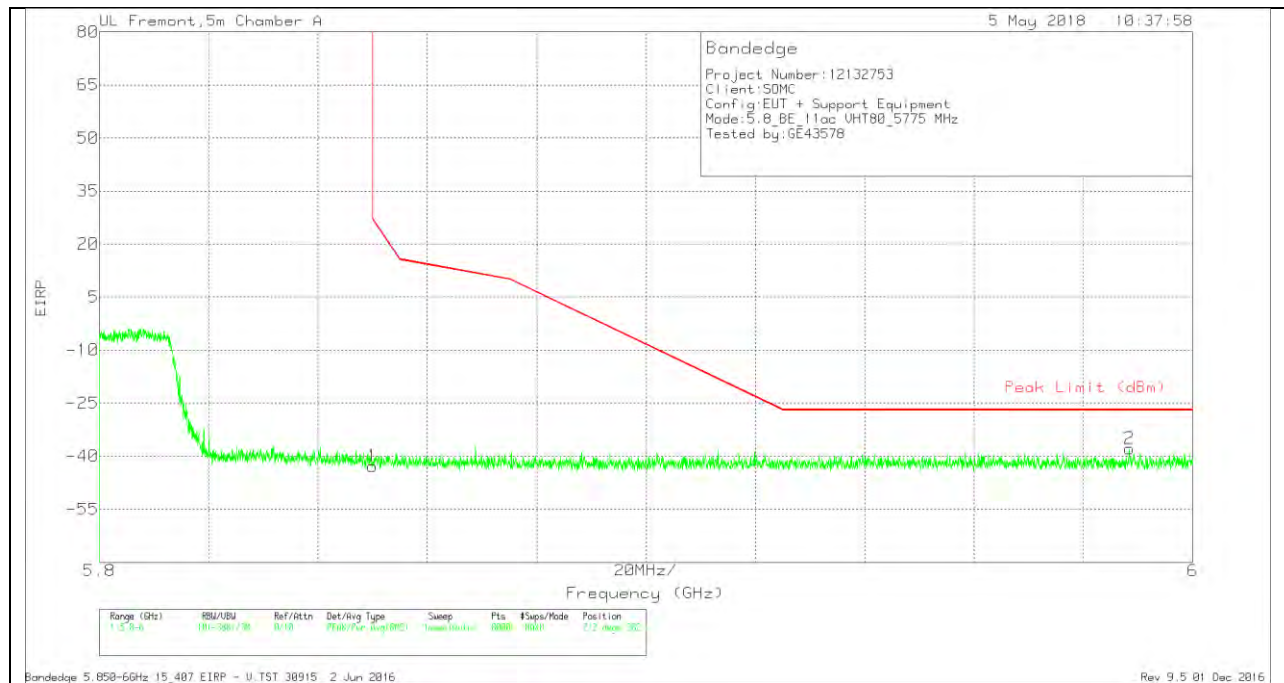


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.32	Pk	35.1	-18.3	11.8	-39.72	26.99	-66.71	293	382	H
2	5.992	-67.1	Pk	35.3	-18	11.8	-38	-27	-11	293	382	H

* - indicates frequency in CFR47 Pt 15 Restricted Band

Pk - Peak detector

VERTICAL RESULT

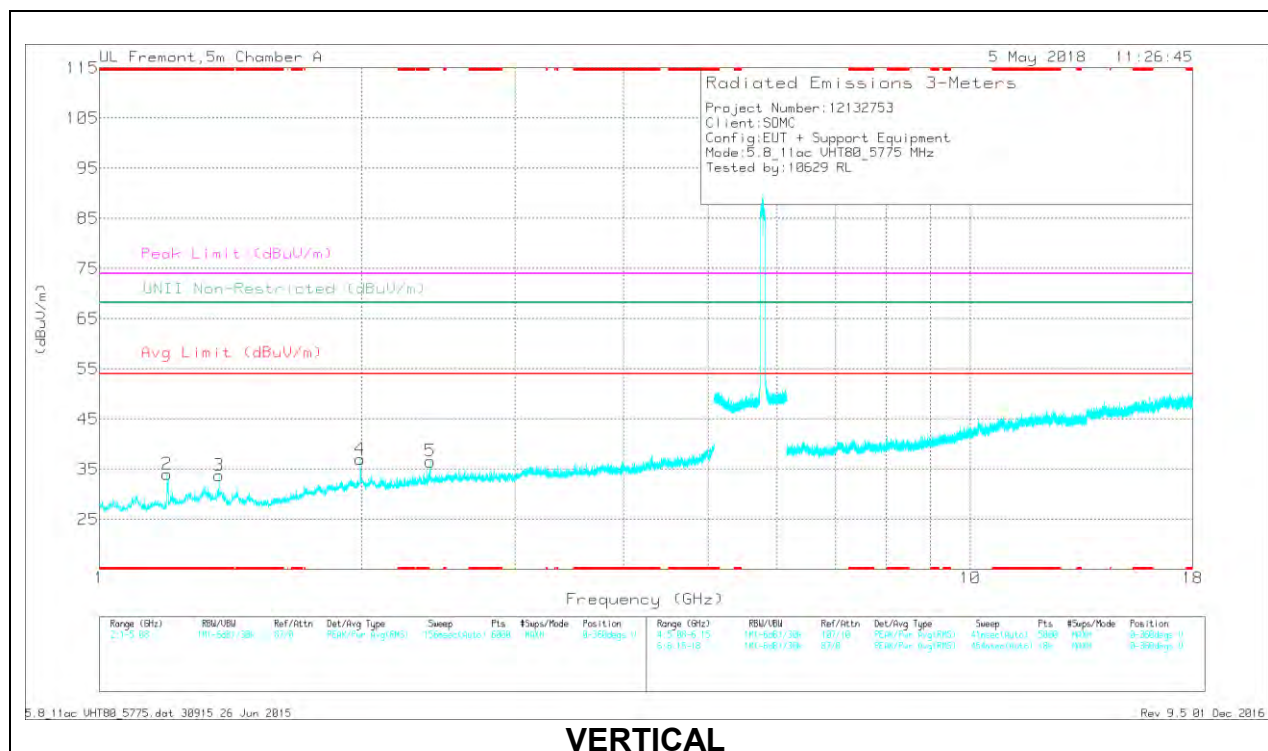
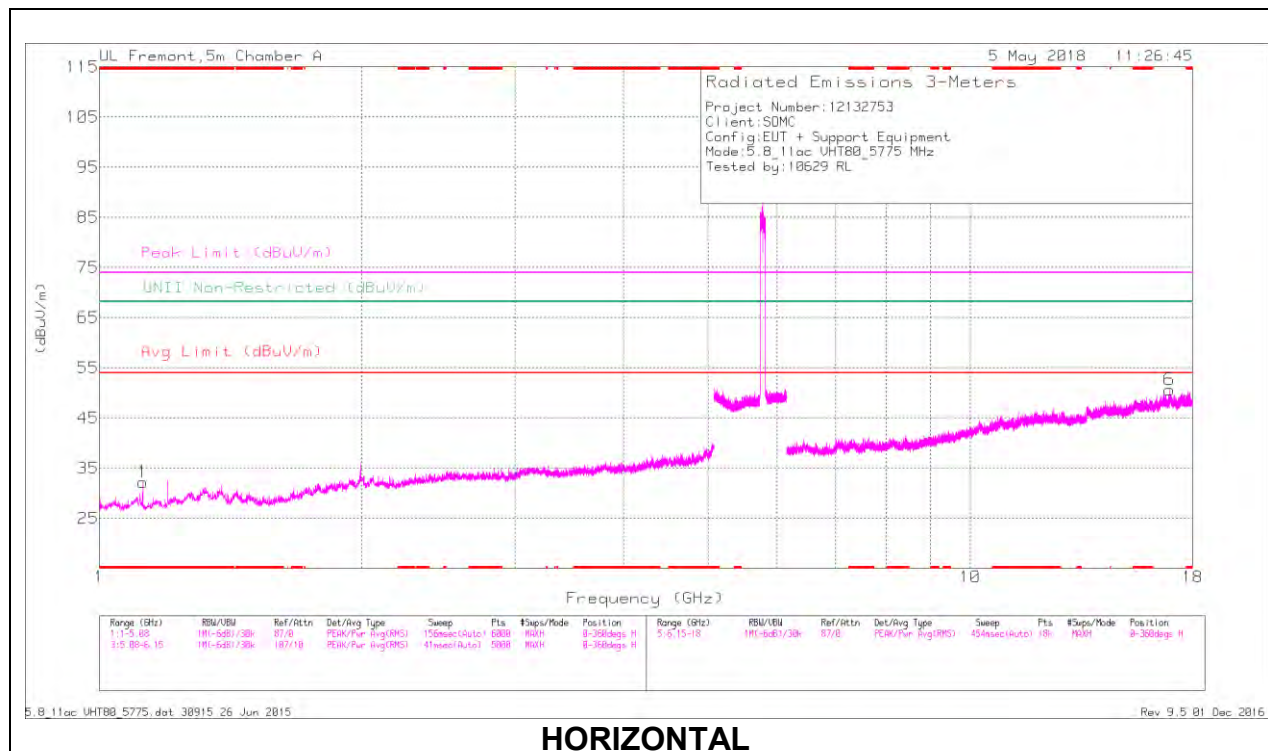


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-71.43	Pk	35.1	-18.3	11.8	-42.83	26.99	-69.82	212	382	V
2	5.988	-66.98	Pk	35.3	-18	11.8	-37.88	-27	-10.88	212	382	V

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

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.121	42.89	PK-U	27.7	-32.2	0	38.39	-	-	74	-35.61	-	-	304	102	H
	* 1.104	28.56	ADR	27.8	-32	.62	24.98	54	-29.02	-	-	-	-	304	102	H
2	* 1.196	39.28	PK-U	28.2	-32.5	0	34.98	-	-	74	-39.02	-	-	242	127	V
	* 1.201	28	ADR	28.2	-32.5	.62	24.32	54	-29.68	-	-	-	-	242	127	V
3	* 1.37	40.1	PK-U	29.1	-31.4	0	37.8	-	-	74	-36.2	-	-	41	254	V
	* 1.374	28.34	ADR	29.1	-31.4	.62	26.66	54	-27.34	-	-	-	-	41	254	V
4	1.994	36.17	Pk	31.4	-30.6	0	36.97	-	-	-	-	68.2	-31.23	0-360	101	V
5	2.398	34.95	Pk	31.8	-30.2	0	36.55	-	-	-	-	68.2	-31.65	0-360	200	V
6	16.929	28.08	Pk	41.7	-19.1	0	50.68	-	-	-	-	68.2	-17.52	0-360	101	H

* - indicates frequency in CFR47 Pt 15 Restricted Band

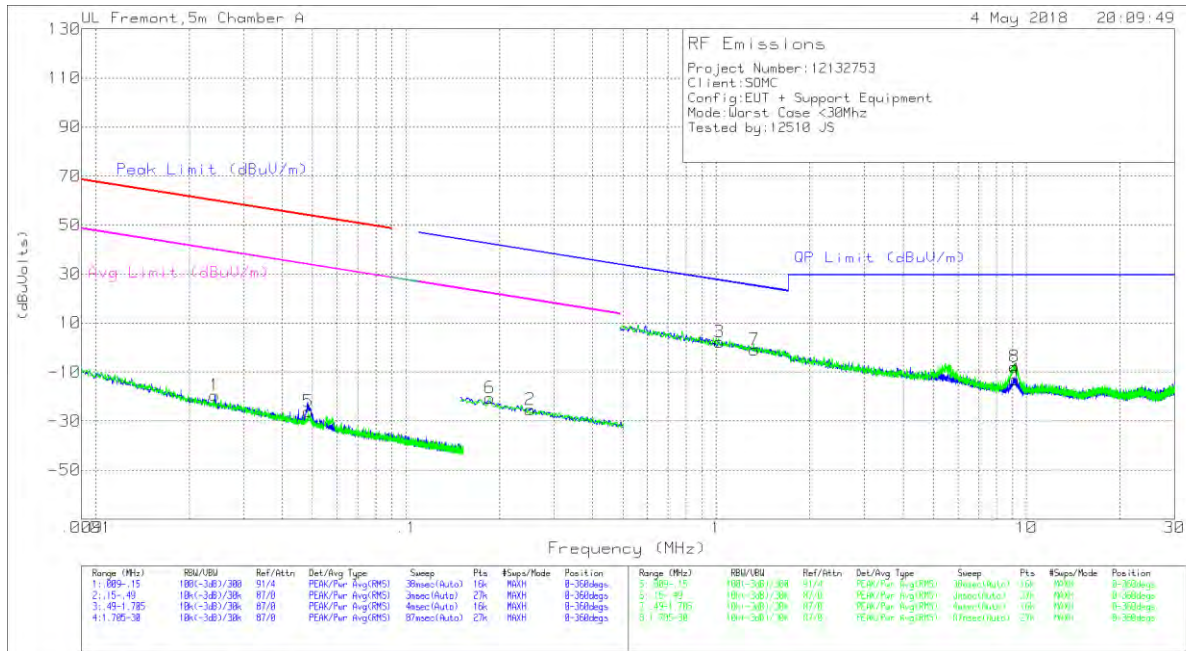
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.2. WORST-CASE BELOW 30 MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)

FACE ON AND FACE OFF PLOTS



FCC 15.209 Below 30MHz TST 30915 22 Mar 2017

Rev 9.5 01 Dec 2

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.

Trace Markers

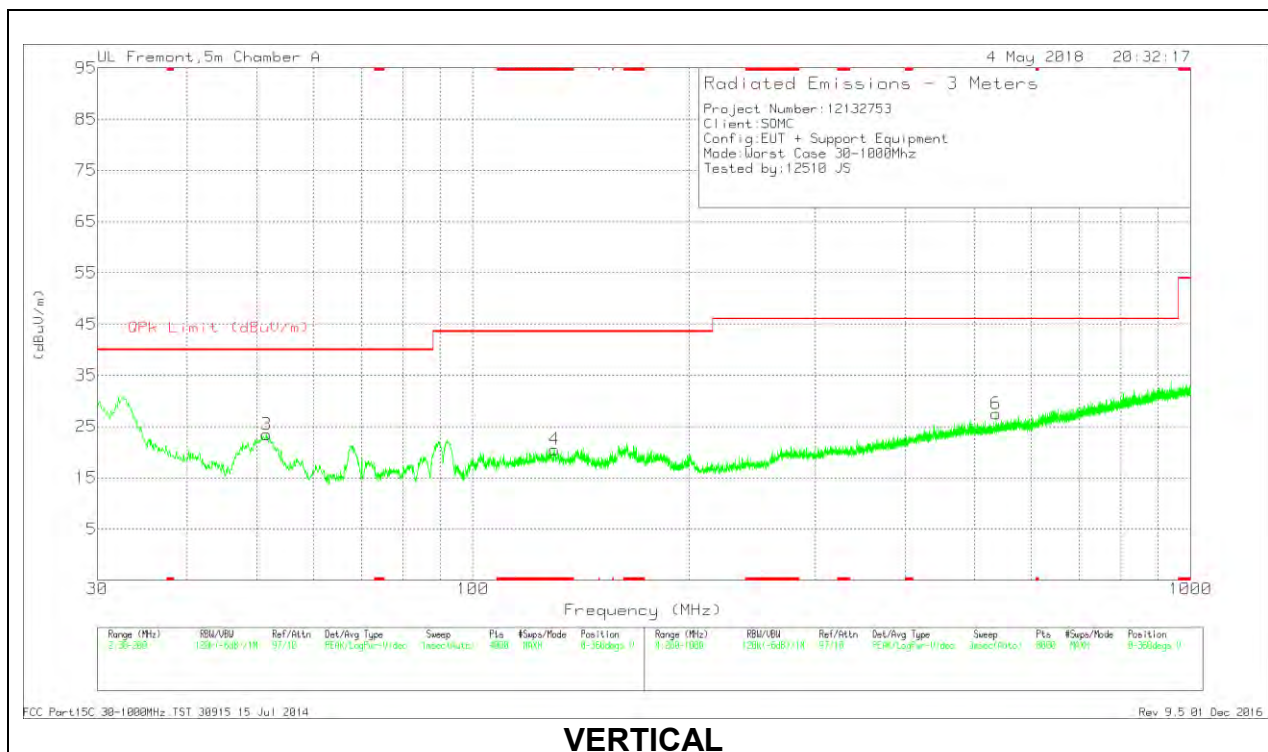
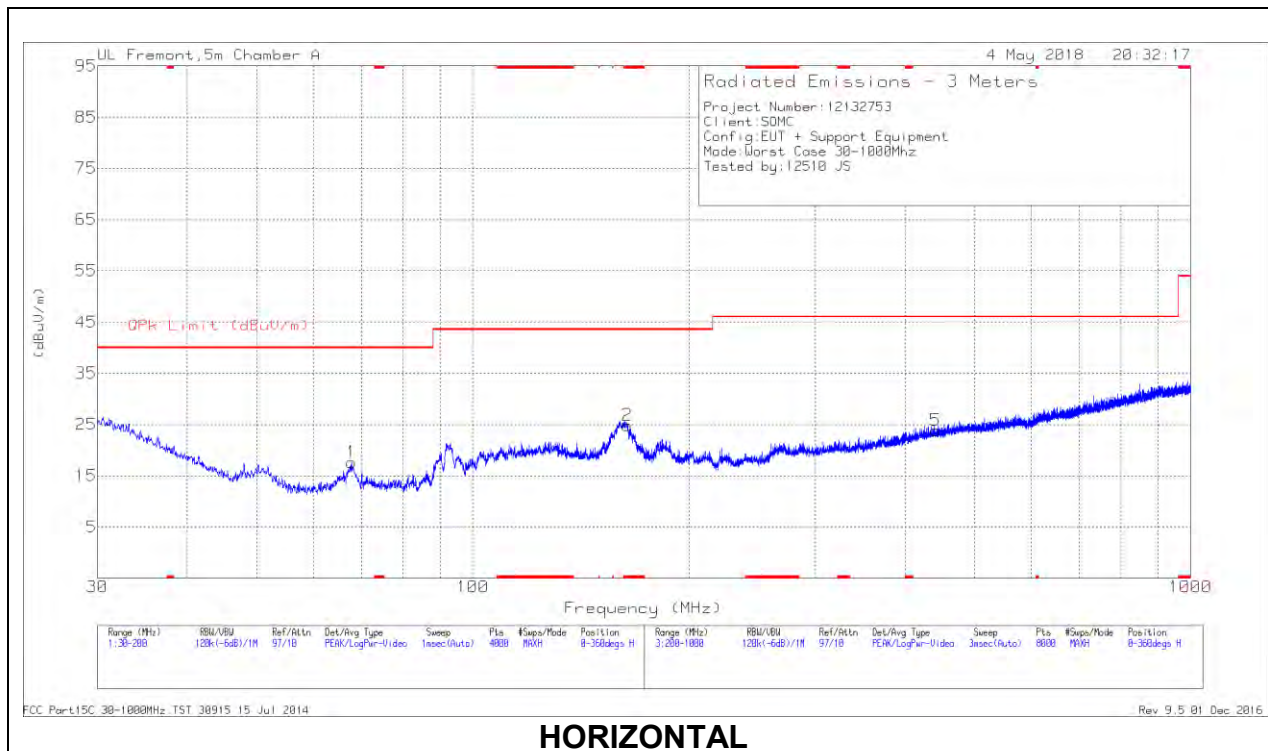
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.02424	46.34	Pk	14	.1	-80	-19.56	59.9	-79.46	39.9	-59.46	-	-	-	-	0-360
5	.04848	41.77	Pk	11.9	.1	-80	-26.23	53.87	-80.1	33.87	-60.1	-	-	-	-	0-360
6	.18632	48.32	Pk	11	.1	-80	-20.58	-	-	-	-	42.21	-62.79	22.21	-42.79	0-360
2	.25128	43.67	Pk	10.9	.1	-80	-25.33	-	-	-	-	39.61	-64.94	19.61	-44.94	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	1.02261	30.83	Pk	11.3	.2	-40	2.33	27.43	-25.1	-	-	-	-	0-360
7	1.32706	27.59	Pk	11.3	.2	-40	-.91	25.17	-26.08	-	-	-	-	0-360
8	9.14161	20.72	Pk	10.9	.5	-40	-7.88	29.5	-37.38	-	-	-	-	0-360
4	9.15209	15.35	Pk	10.9	.5	-40	-13.25	29.5	-42.75	-	-	-	-	0-360

Pk - Peak detector

10.3. Worst Case Below 1 GHz



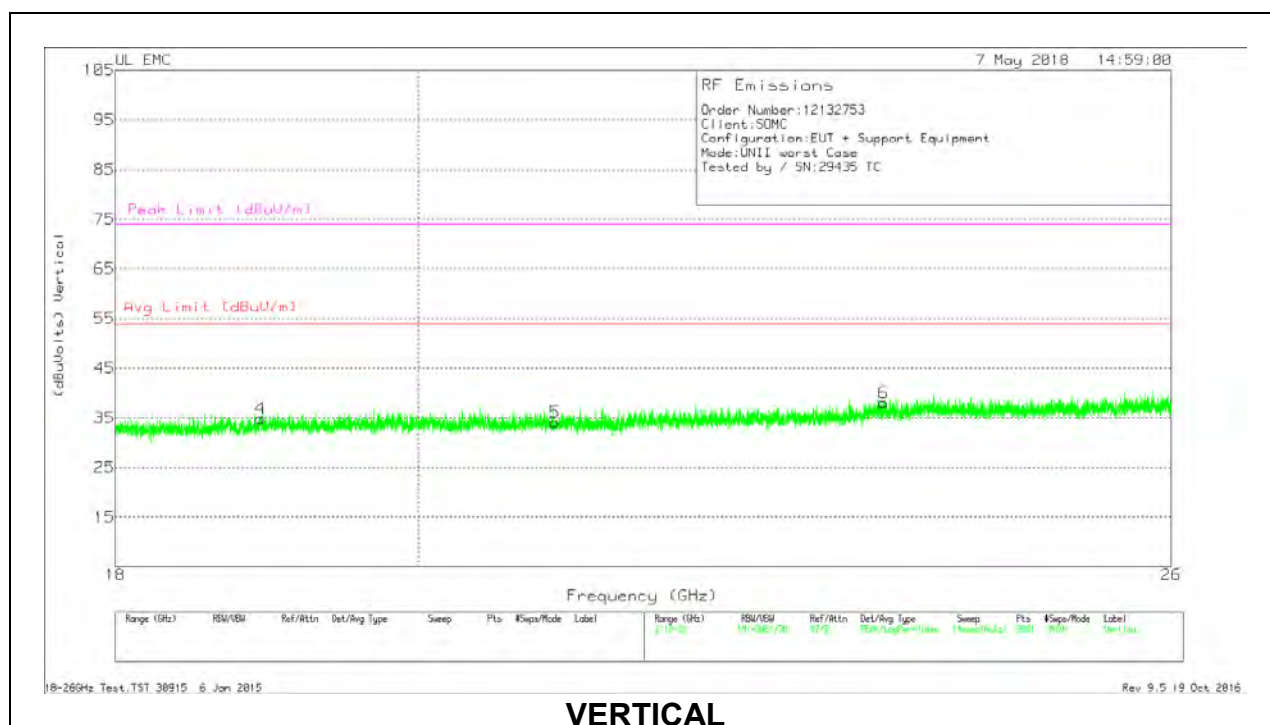
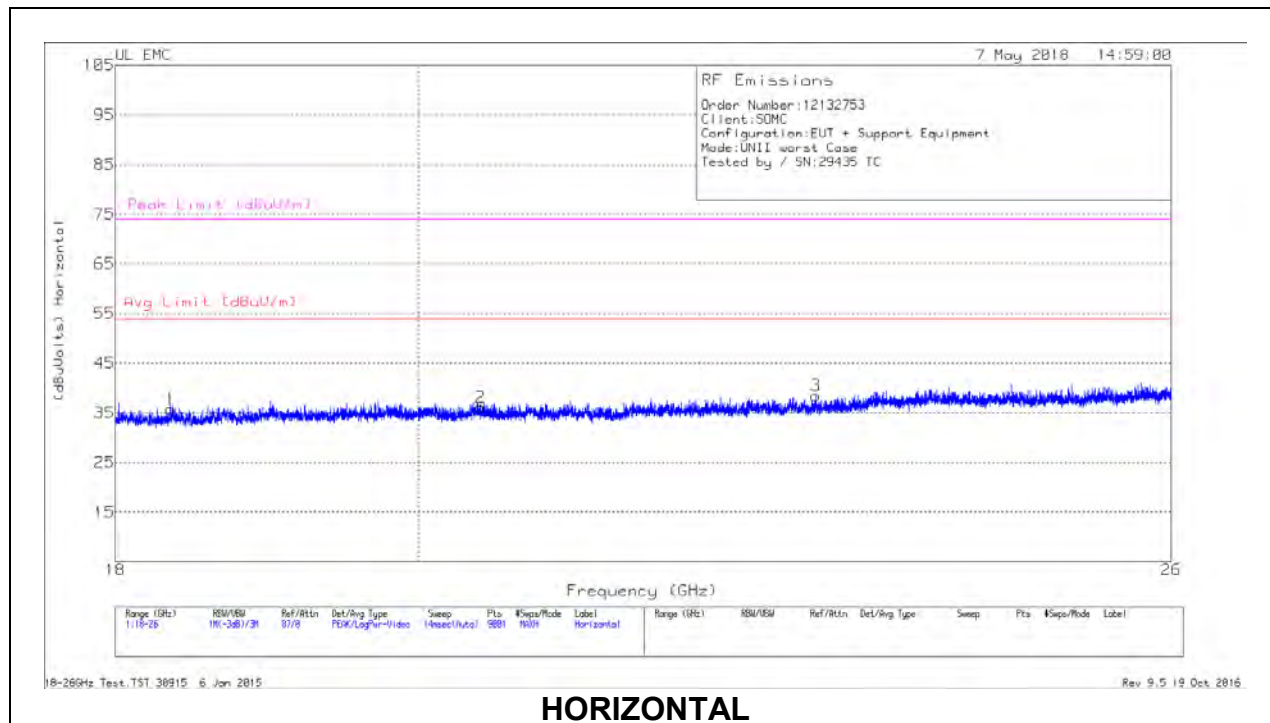
Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBUV)	Det	AF T130 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBUV/m)	QPk Limit (dBUV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 164.1222	34.58	Pk	16	-25.7	24.88	43.52	-18.64	0-360	200	H
4	* 129.9859	28.52	Pk	18	-26	20.52	43.52	-23	0-360	100	V
3	51.5531	39.13	Pk	11.3	-27	23.43	40	-16.57	0-360	100	V
1	67.7923	32.31	Pk	12.1	-26.8	17.61	40	-22.39	0-360	200	H
5	440.9313	28.29	Pk	20.7	-25.2	23.79	46.02	-22.23	0-360	400	H
6	536.1437	30.74	Pk	22	-25.2	27.54	46.02	-18.48	0-360	300	V

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

Pk - Peak detector

10.4. Worst Case 18-26 GHz

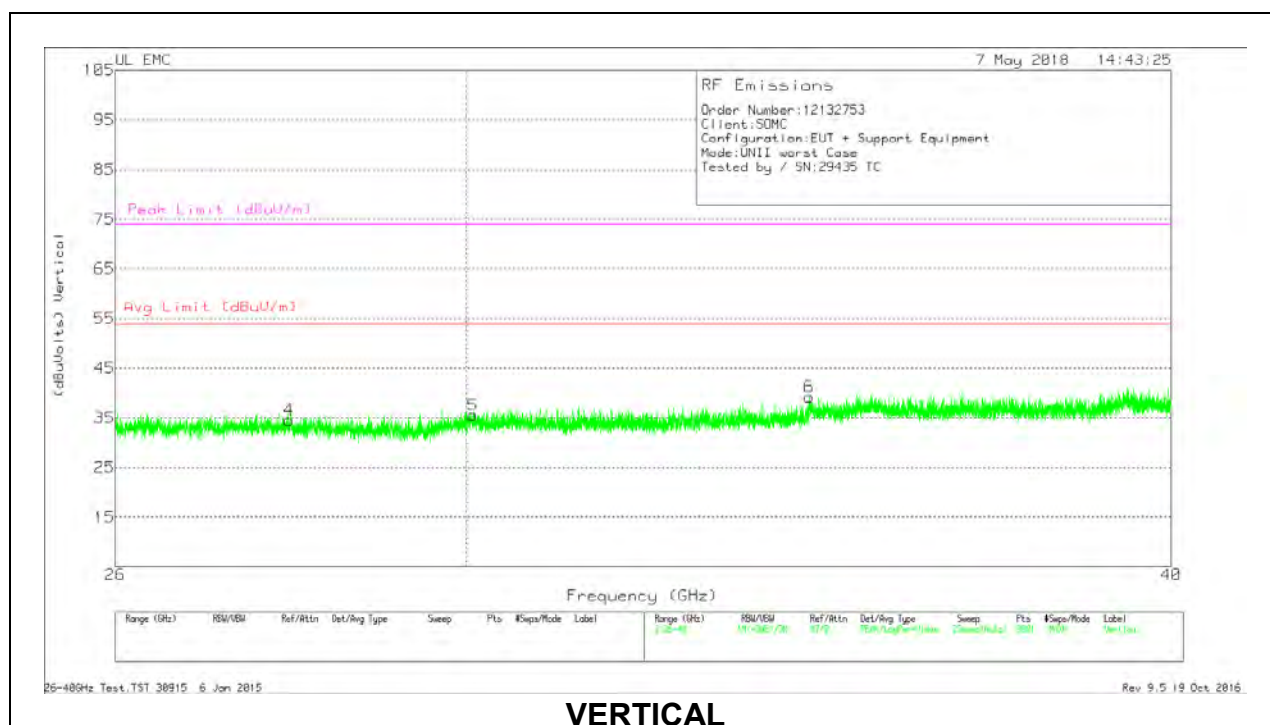
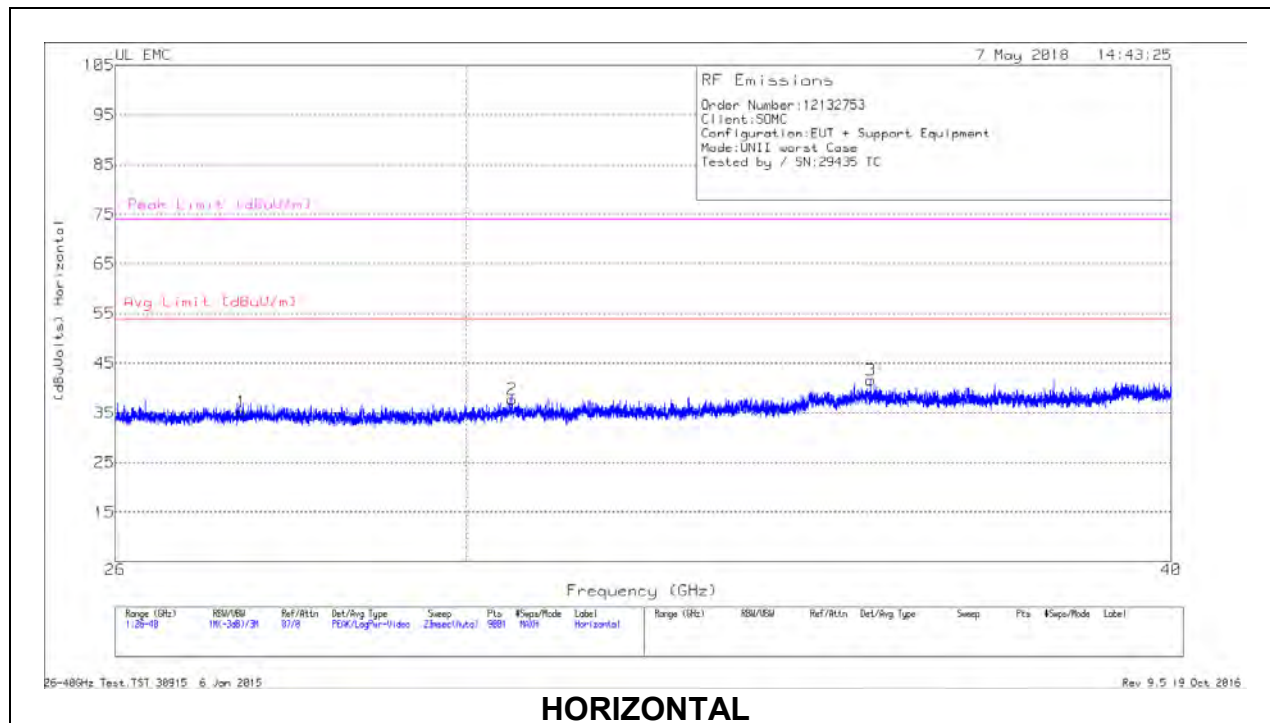


18 – 26GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T89 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	18.351	38.19	Pk	32.3	-25.2	-9.5	35.79	54	-18.21	74	-38.21
2	20.442	37.74	Pk	33.1	-25.2	-9.5	36.14	54	-17.86	74	-37.86
3	22.973	39.45	Pk	33.6	-25.1	-9.5	38.45	54	-15.55	74	-35.55
4	18.933	37.18	Pk	32.4	-25.2	-9.5	34.88	54	-19.12	74	-39.12
5	20.976	36.09	Pk	33.2	-25.7	-9.5	34.09	54	-19.91	74	-39.91
6	23.522	38.22	Pk	34	-24.7	-9.5	38.02	54	-15.98	74	-35.98

Pk - Peak detector

10.5. 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	27.374	42.99	Pk	35.7	-34	-9.5	35.19	54	-18.81	74	-38.81
2	30.566	42.76	Pk	36	-31.5	-9.5	37.76	54	-16.24	74	-36.24
3	35.383	44.39	Pk	37.8	-31.1	-9.5	41.59	54	-12.41	74	-32.41
4	27.907	41.41	Pk	35.8	-33.2	-9.5	34.51	54	-19.49	74	-39.49
5	30.082	40.45	Pk	35.9	-31.3	-9.5	35.55	54	-18.45	74	-38.45
6	34.509	42.51	Pk	37.5	-31.3	-9.5	39.21	54	-14.79	74	-34.79

Pk - Peak detector