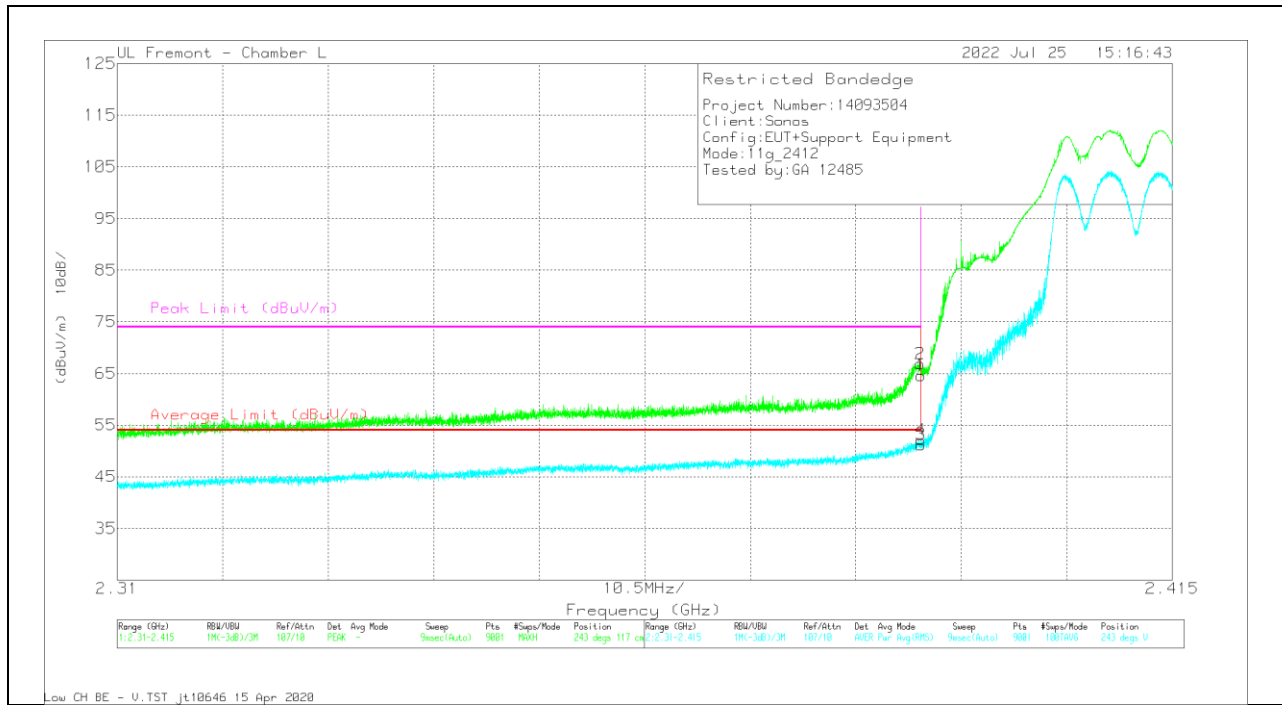


VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	52.8	Pk	31.9	-20.1	0	64.6	-	-	74	-9.4	243	117	V
2	* 2.389931	55.06	Pk	31.9	-20.1	0	66.86	-	-	74	-7.14	243	117	V
3	* 2.39	38.36	RMS	31.9	-20.1	1.06	51.22	54	-2.78	-	-	243	117	V
4	* 2.389989	39.26	RMS	31.9	-20.1	1.06	52.12	54	-1.88	-	-	243	117	V

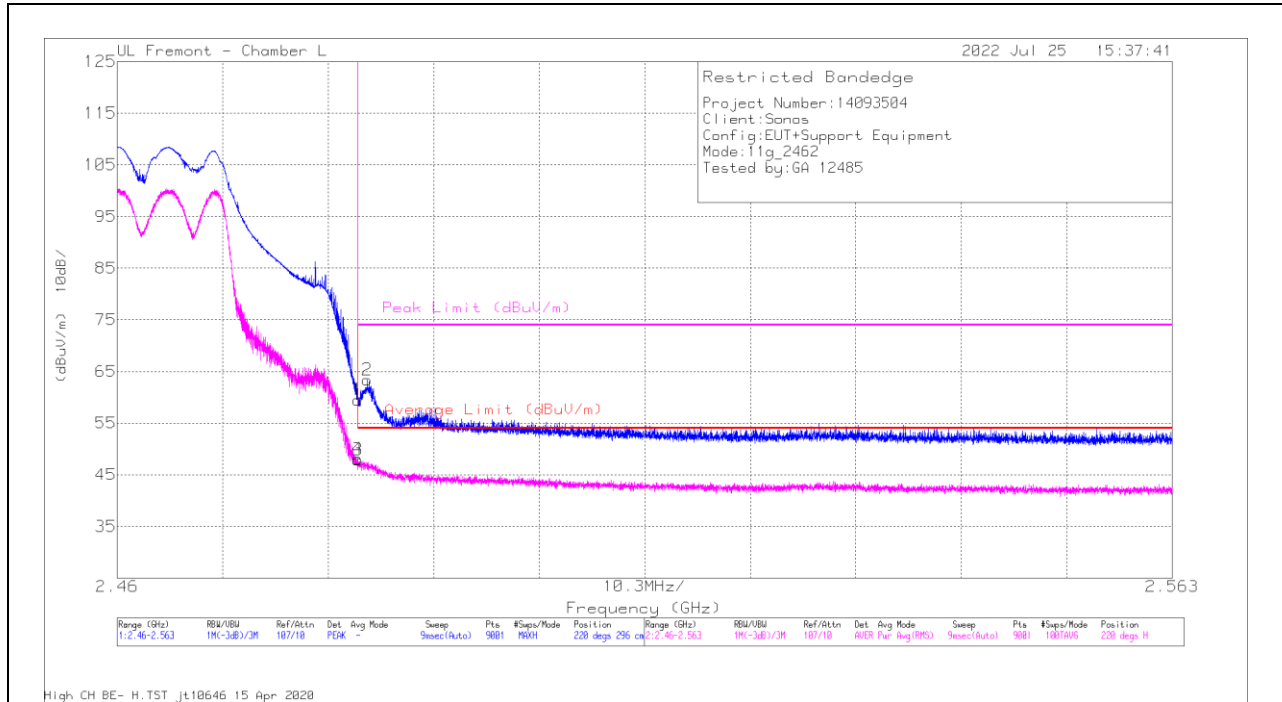
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Trace Markers

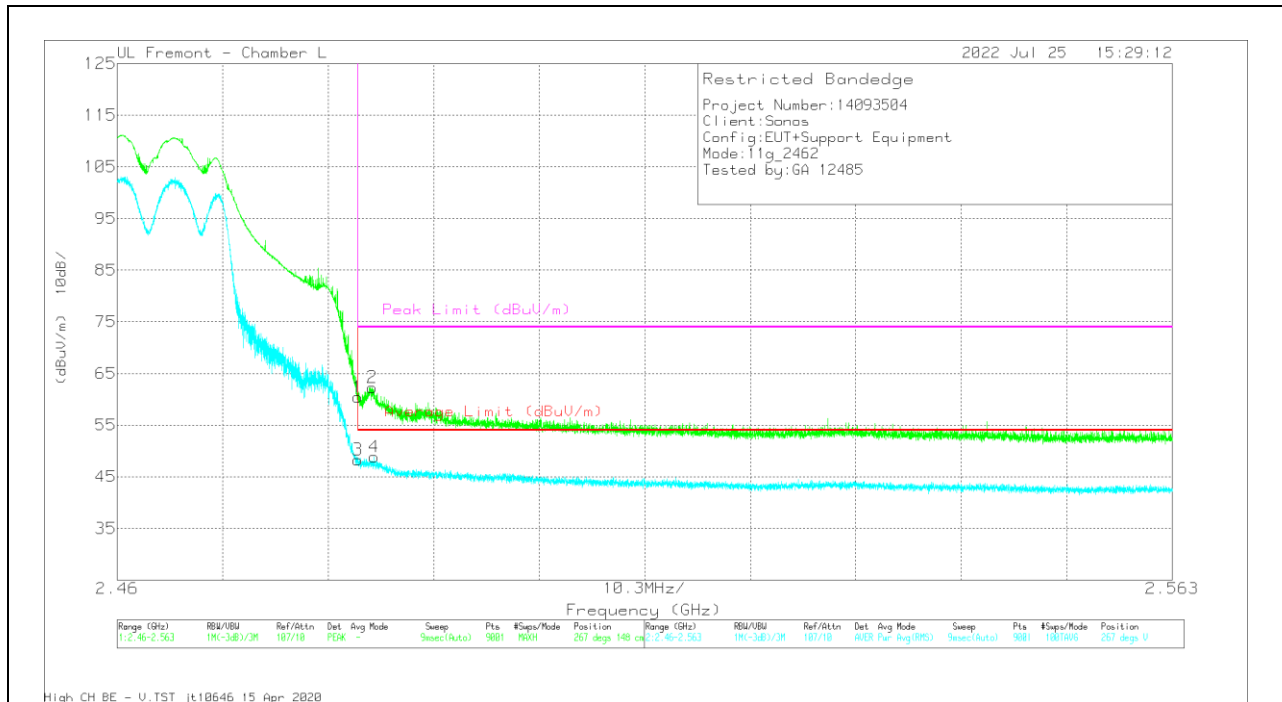
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	47.17	Pk	32.2	-19.9	0	59.47	-	-	74	-14.53	220	296	H
2	* 2.484387	51.07	Pk	32.2	-19.9	0	63.37	-	-	74	-10.63	220	296	H
3	* 2.4835	34.56	RMS	32.2	-19.9	1.06	47.92	54	-6.08	-	-	220	296	H
4	* 2.483506	34.71	RMS	32.2	-19.9	1.06	48.07	54	-5.93	-	-	220	296	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	48.13	Pk	32.2	-19.9	0	60.43	-	-	74	-13.57	267	148	V
2	* 2.484914	49.99	Pk	32.2	-19.9	0	62.29	-	-	74	-11.71	267	148	V
3	* 2.4835	34.92	RMS	32.2	-19.9	1.06	48.28	54	-5.72	-	-	267	148	V
4	* 2.485097	35.47	RMS	32.2	-19.9	1.06	48.83	54	-5.17	-	-	267	148	V

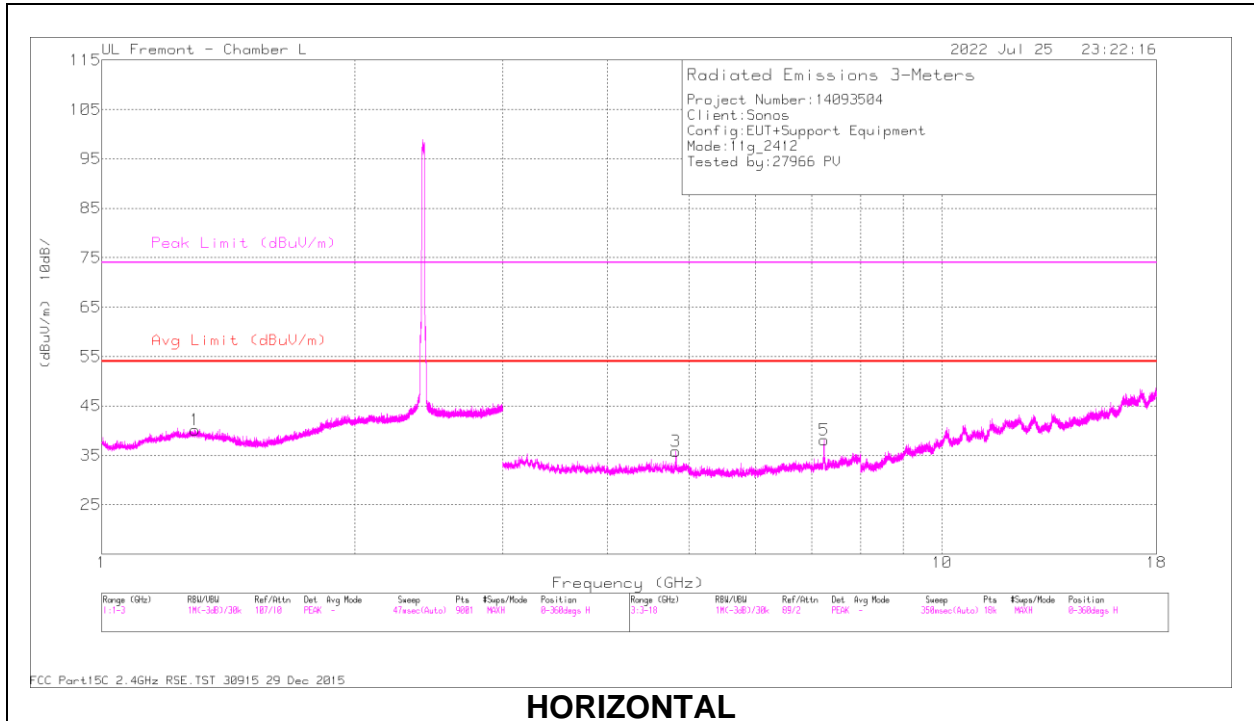
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

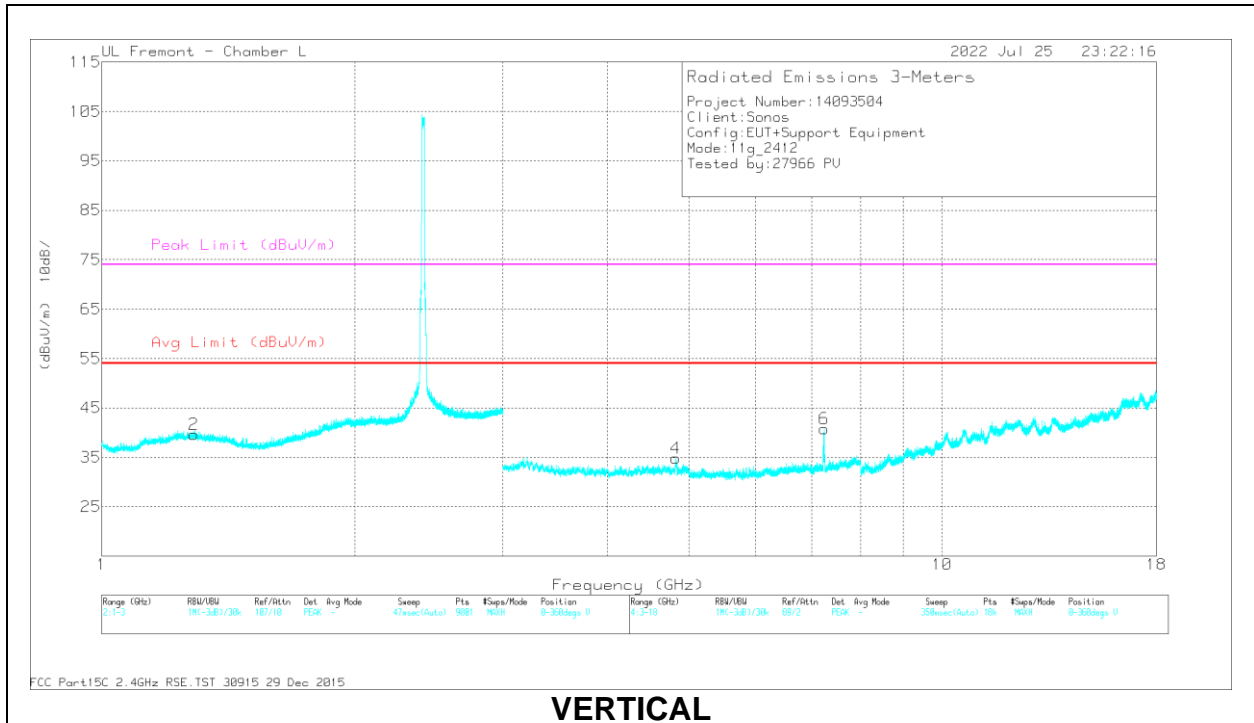
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

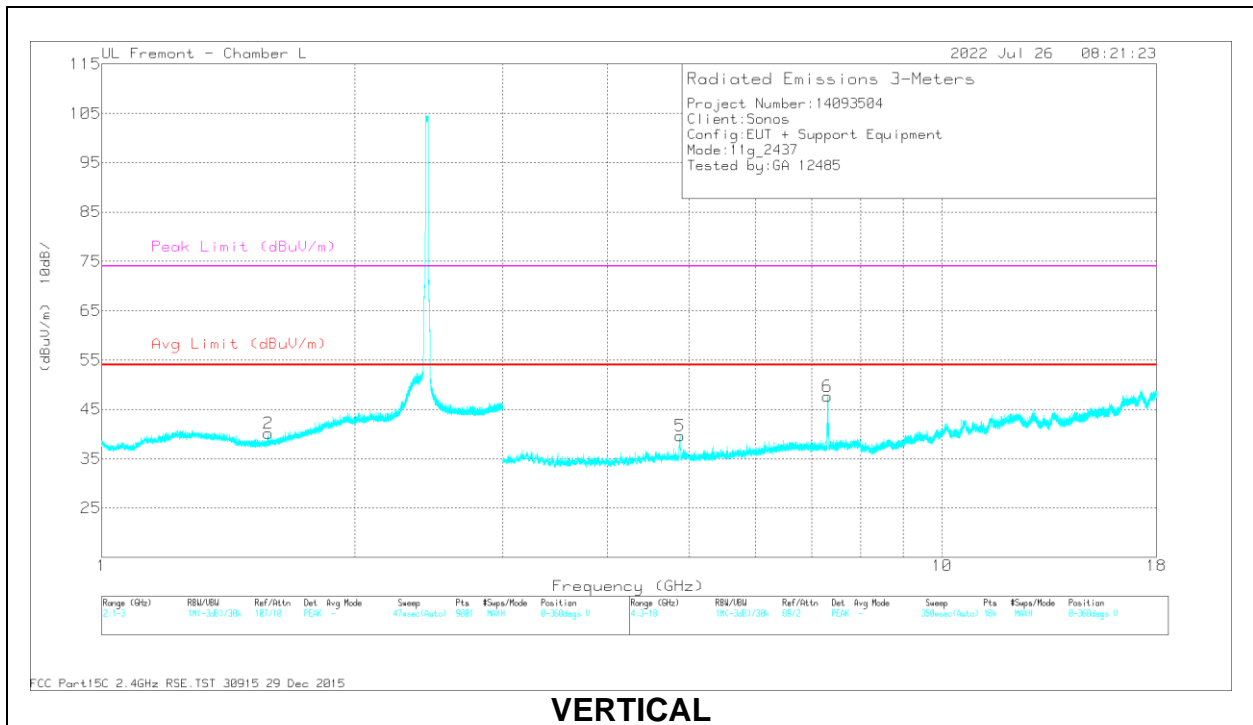
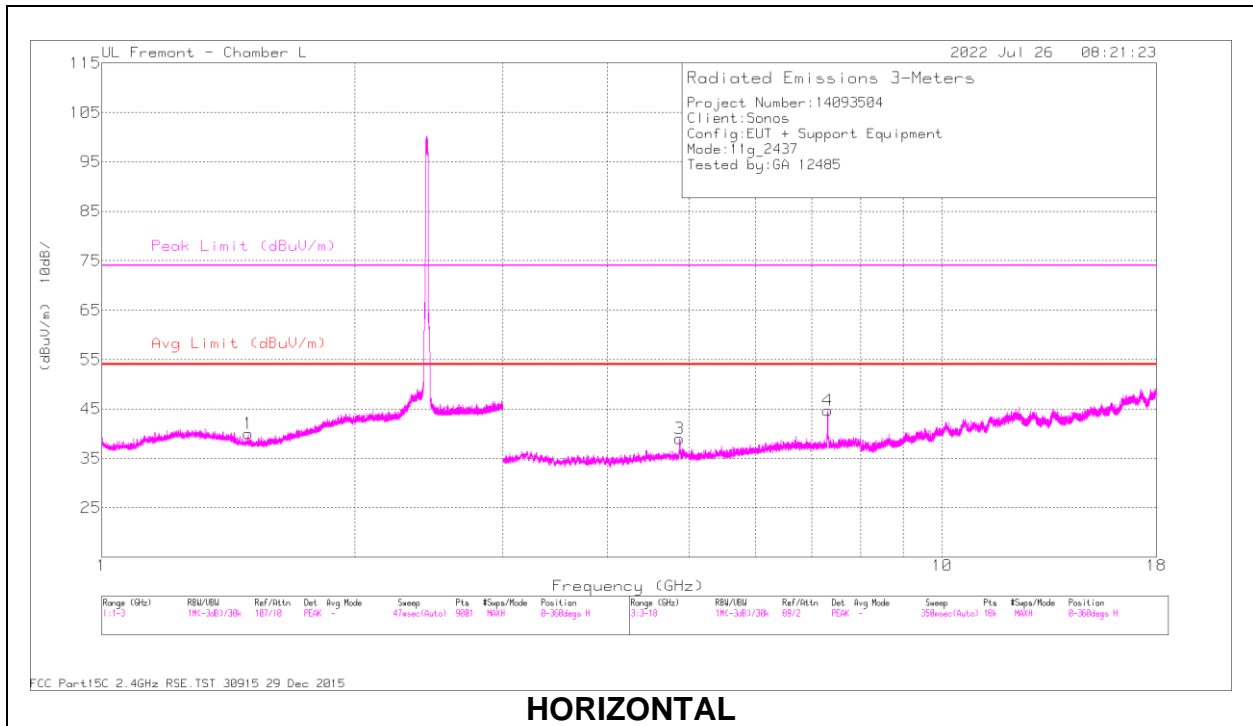
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cb/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.291451	43.3	PK2	30	-23.2	0	50.1	-	-	74	-23.9	252	233	H
	* 1.290875	31.41	MAv1	30	-23.2	1.06	39.27	54	-14.73	-	-	252	233	H
2	* 1.289017	43.33	PK2	30	-23.2	0	50.13	-	-	74	-23.87	180	385	V
	* 1.286004	31.43	MAv1	29.9	-23.2	1.06	39.19	54	-14.81	-	-	180	385	V
3	* 4.825687	38.77	PK2	34.1	-26.5	0	46.37	-	-	74	-27.63	141	127	H
	* 4.825588	25.98	MAv1	34.1	-26.5	1.06	34.64	54	-19.36	-	-	141	127	H
5	7.239566	38.9	PK2	35.9	-23.2	0	51.6	-	-	-	-	207	105	H
4	* 4.824155	40.29	PK2	34.1	-26.5	0	47.89	-	-	74	-26.11	244	215	V
	* 4.824339	25.89	MAv1	34.1	-26.5	1.06	34.55	54	-19.45	-	-	244	215	V
6	7.239368	40.85	PK2	35.9	-23.2	0	53.55	-	-	-	-	141	114	V
1	* 1.291451	43.3	PK2	30	-23.2	0	50.1	-	-	74	-23.9	252	233	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



RADIATED EMISSIONS

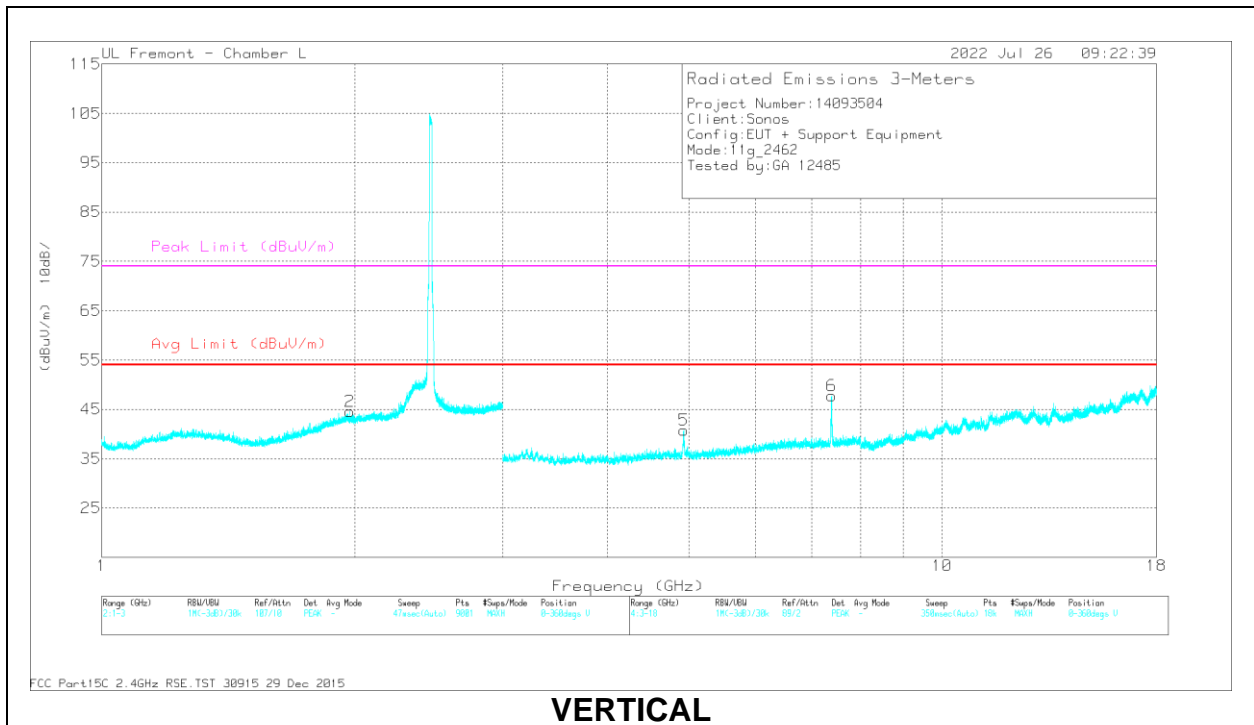
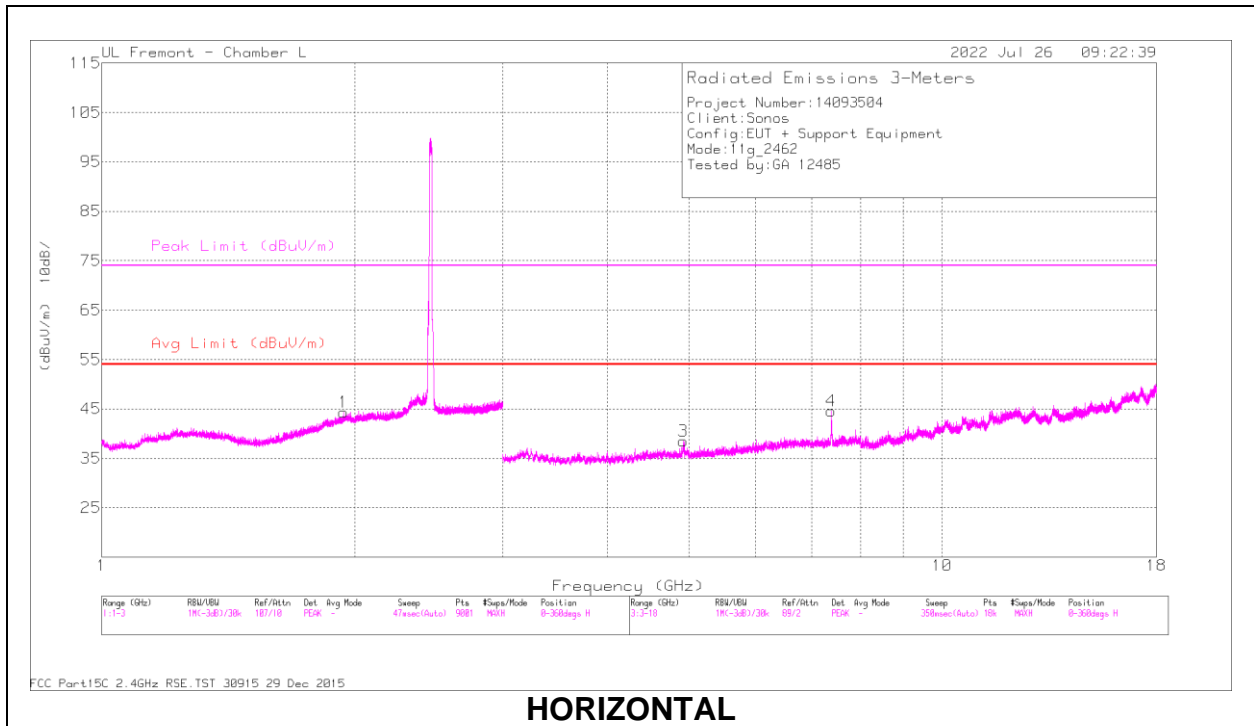
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.493642	42.74	PK2	27.8	-22.6	0	47.94	-	-	74	-26.06	75	264	H
	* 1.495843	30.95	MAv1	27.8	-22.6	1.06	37.21	54	-16.79	-	-	75	264	H
2	* 1.577539	42.92	PK2	27.9	-22.3	0	48.52	-	-	74	-25.48	85	207	V
	* 1.57833	31.19	MAv1	27.9	-22.3	1.06	37.85	54	-16.15	-	-	85	207	V
3	* 4.869947	43.77	PK2	34.2	-26.6	0	51.37	-	-	74	-22.63	140	109	H
	* 4.869515	29.66	MAv1	34.2	-26.6	1.06	38.32	54	-15.68	-	-	140	109	H
4	* 7.312238	45.06	PK2	35.9	-22.8	0	58.16	-	-	74	-15.84	208	104	H
	* 7.311778	31.36	MAv1	35.9	-22.8	1.06	45.52	54	-8.48	-	-	208	104	H
5	* 4.878712	43.38	PK2	34.2	-26.4	0	51.18	-	-	74	-22.82	187	111	V
	* 4.879547	29.63	MAv1	34.2	-26.4	1.06	38.49	54	-15.51	-	-	187	111	V
6	* 7.311428	49.64	PK2	35.9	-22.9	0	62.64	-	-	74	-11.36	136	108	V
	* 7.311464	36.31	MAv1	35.9	-22.9	1.06	50.37	54	-3.63	-	-	136	108	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 11 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.942162	42.88	PK2	31.8	-21.2	0	53.48	-	-	-	-	235	104	H
2	1.975041	42.54	PK2	31.7	-21.1	0	53.14	-	-	-	-	172	132	V
3	* 4.923277	42.46	PK2	34.3	-25.6	0	51.16	-	-	74	-22.84	263	103	H
	* 4.924476	30.26	MAv1	34.2	-25.6	1.06	39.92	54	-14.08	-	-	263	103	H
4	* 7.387342	43.6	PK2	35.9	-22.5	0	57	-	-	74	-17	89	116	H
	* 7.387526	28.87	MAv1	35.9	-22.5	1.06	43.33	54	-10.67	-	-	89	116	H
5	* 4.92785	42.19	PK2	34.3	-25.5	0	50.99	-	-	74	-23.01	356	125	V
	* 4.929041	27.99	MAv1	34.2	-25.4	1.06	37.85	54	-16.15	-	-	356	125	V
6	* 7.390893	47.73	PK2	35.9	-22.4	0	61.23	-	-	74	-12.77	135	105	V
	* 7.391439	33.21	MAv1	35.9	-22.3	1.06	47.87	54	-6.13	-	-	135	105	V

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

PK2 - KDB558074 Method: Maximum Peak

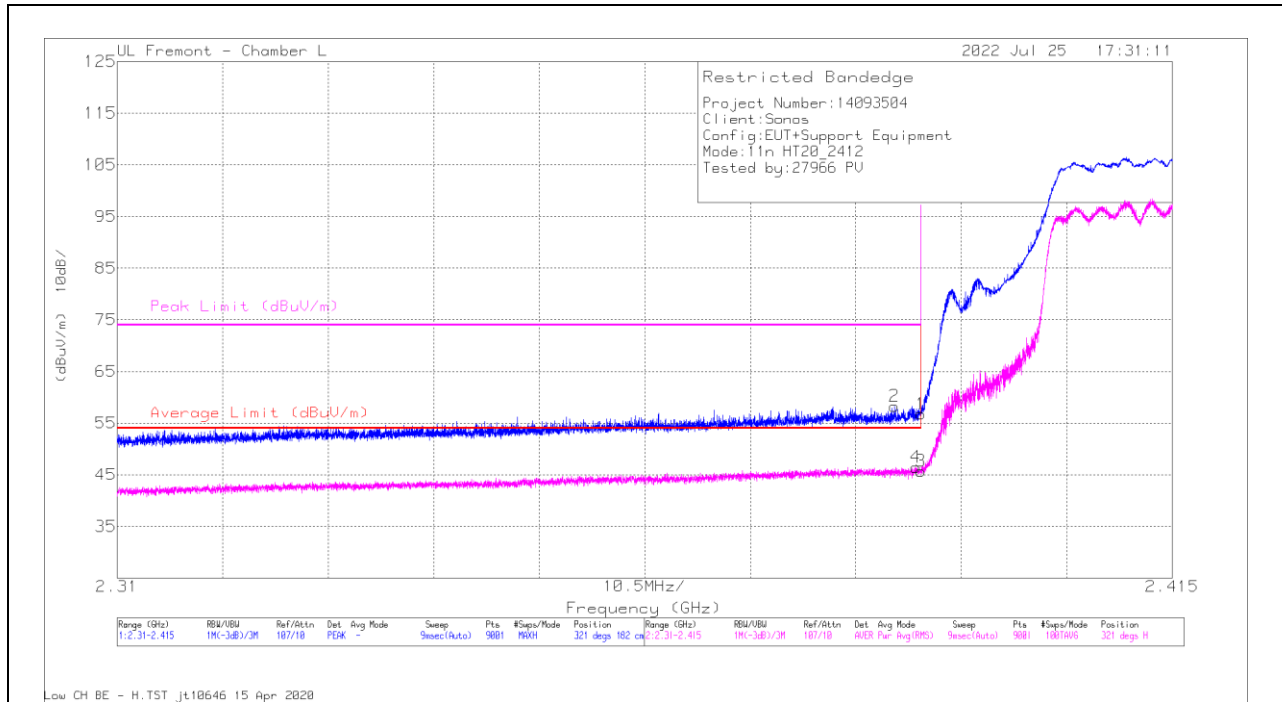
MAv1 - KDB558074 Option 1 Maximum RMS Average

10.1.3. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND

2TX Antenna 2 + Antenna 3 CDD MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Trace Markers

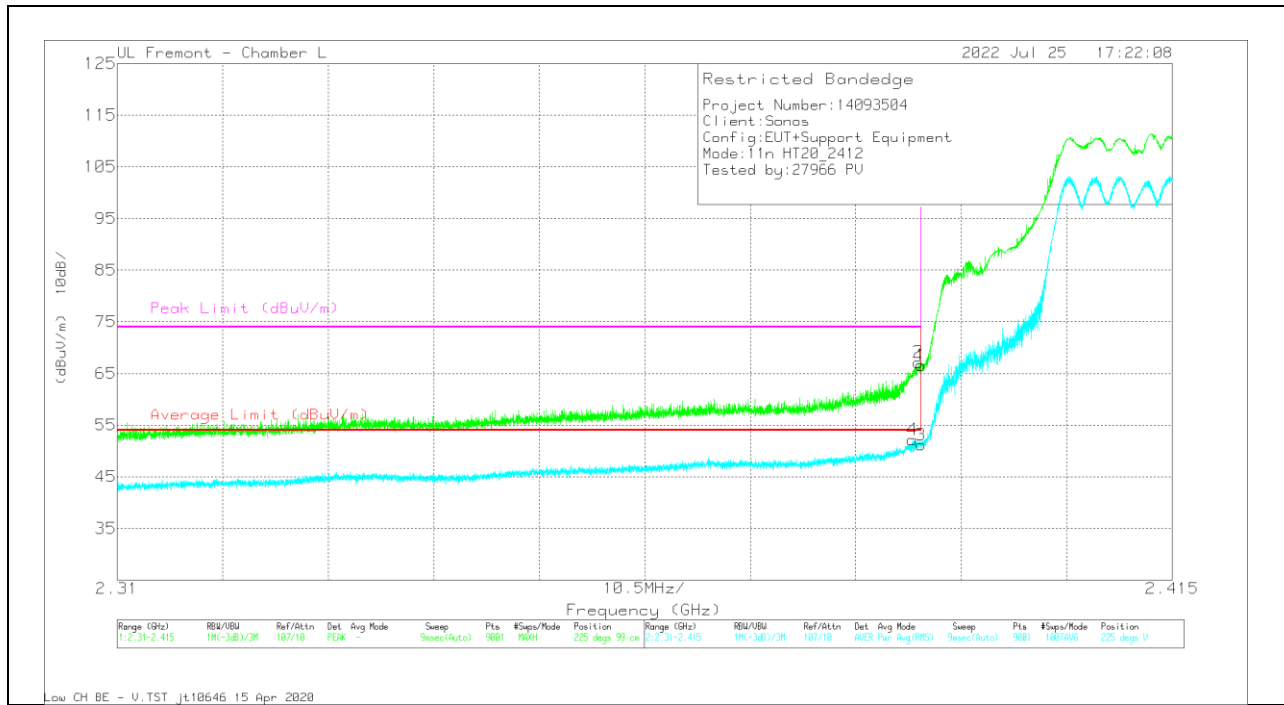
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.96	Pk	31.9	-20.1	0	56.76	-	-	74	-17.24	321	182	H
2	* 2.387341	46.47	Pk	31.9	-20.1	0	58.27	-	-	74	-15.73	321	182	H
3	* 2.39	32.8	RMS	31.9	-20.1	1.11	45.71	54	-8.29	-	-	321	182	H
4	* 2.389487	33.55	RMS	31.9	-20.1	1.11	46.46	54	-7.54	-	-	321	182	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	54.8	Pk	31.9	-20.1	0	66.6	-	-	74	-7.4	225	99	V
2	* 2.389709	55.35	Pk	31.9	-20.1	0	67.15	-	-	74	-6.85	225	99	V
3	* 2.39	38.25	RMS	31.9	-20.1	1.11	51.16	54	-2.84	-	-	225	99	V
4	* 2.389137	39.24	RMS	31.9	-20.1	1.11	52.15	54	-1.85	-	-	225	99	V

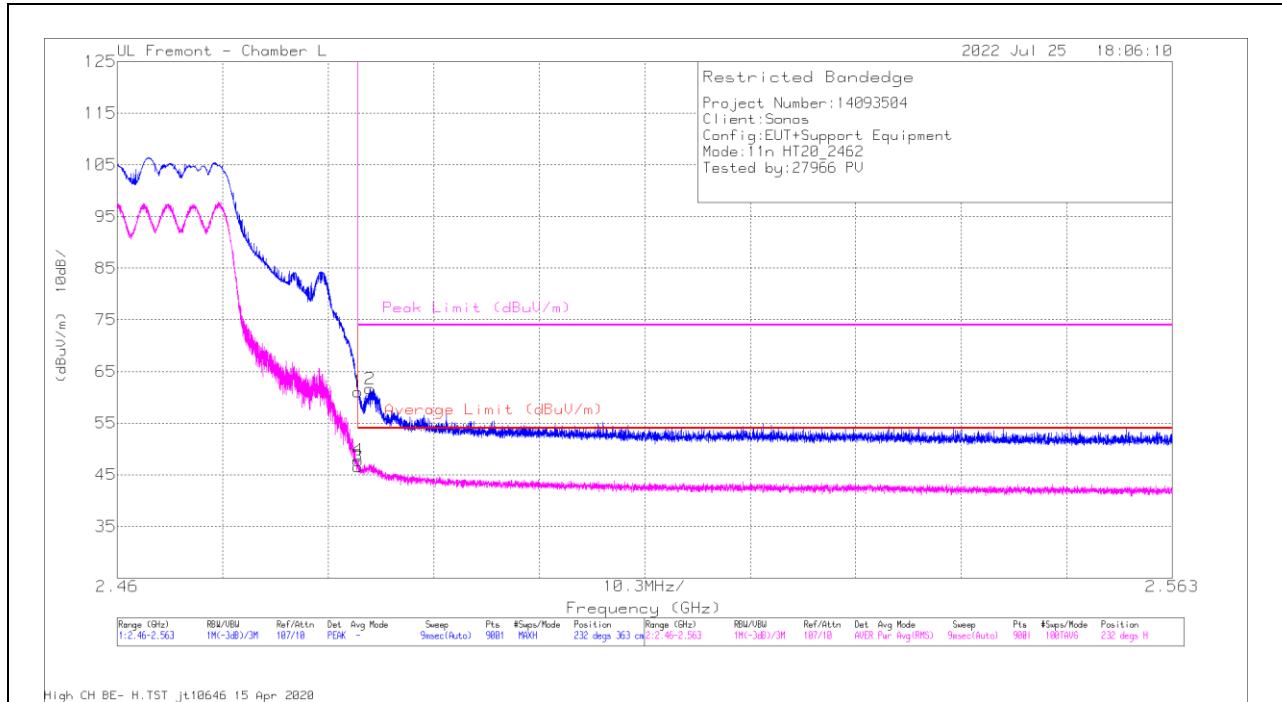
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Trace Markers

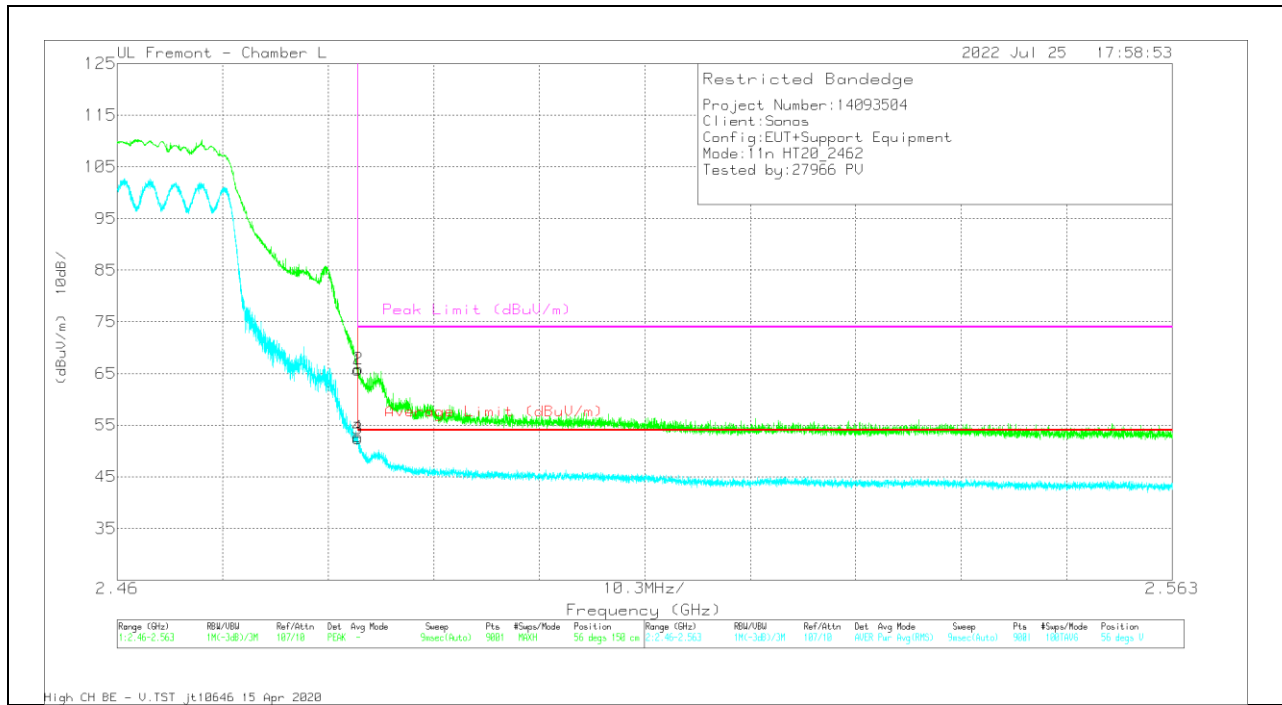
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	48.78	Pk	32.2	-19.9	0	61.08	-	-	74	-12.92	232	363	H
2	* 2.484685	49.33	Pk	32.2	-19.9	0	61.63	-	-	74	-12.37	232	363	H
3	* 2.4835	33.18	RMS	32.2	-19.9	1.11	46.59	54	-7.41	-	-	232	363	H
4	* 2.483517	34.39	RMS	32.2	-19.9	1.11	47.8	54	-6.2	-	-	232	363	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cb/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	53.35	Pk	32.2	-19.9	0	65.65	-	-	74	-8.35	56	150	V
2	* 2.48354	53.59	Pk	32.2	-19.9	0	65.89	-	-	74	-8.11	56	150	V
3	* 2.4835	38.98	RMS	32.2	-19.9	1.11	52.39	54	-1.61	-	-	56	150	V
4	* 2.483506	39.32	RMS	32.2	-19.9	1.11	52.73	54	-1.27	-	-	56	150	V

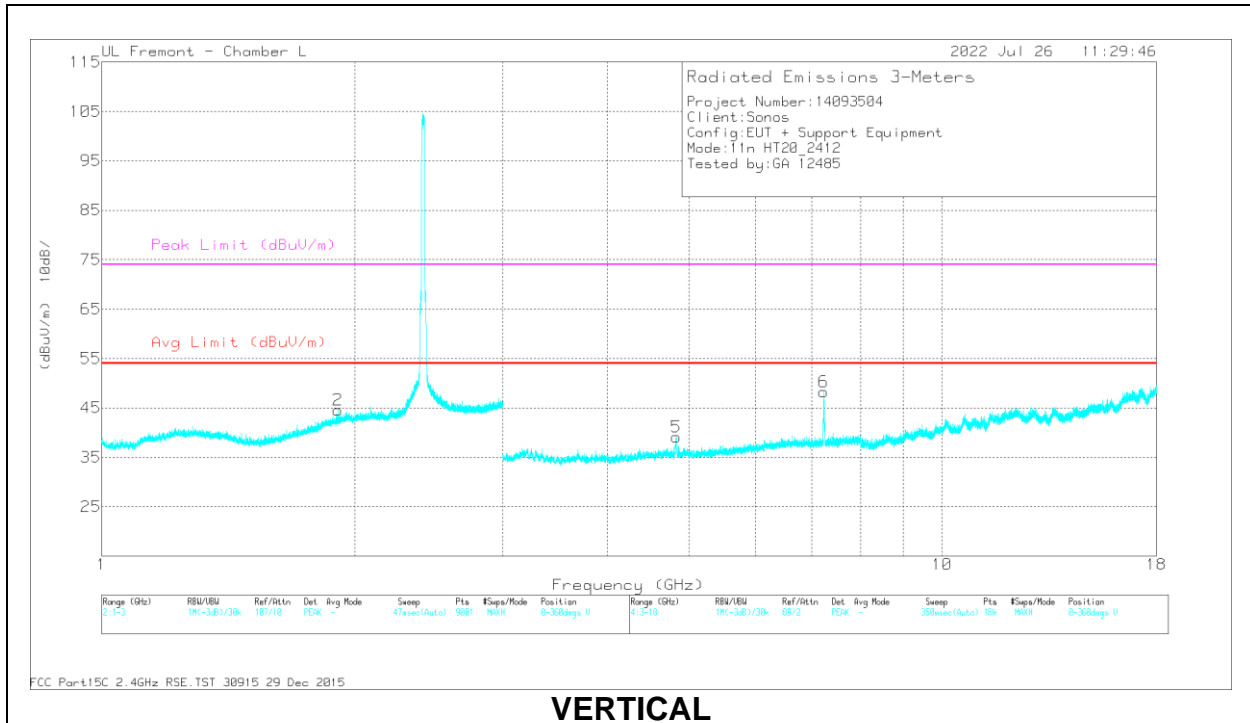
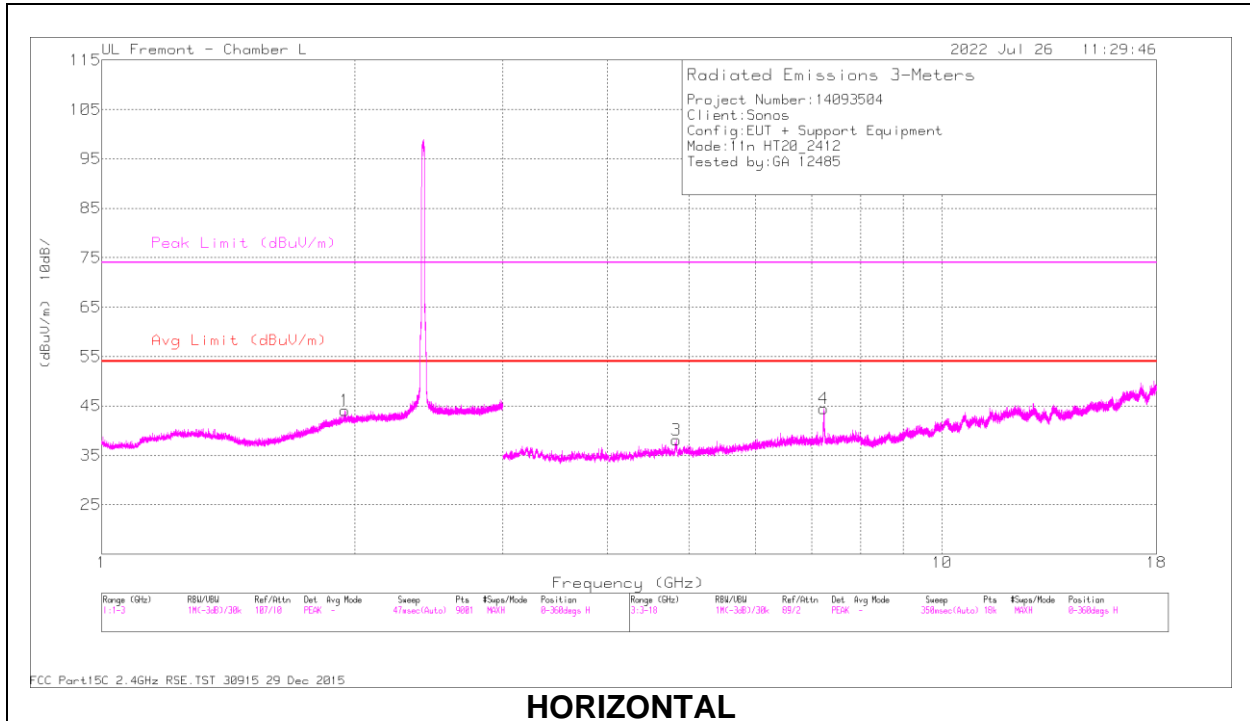
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

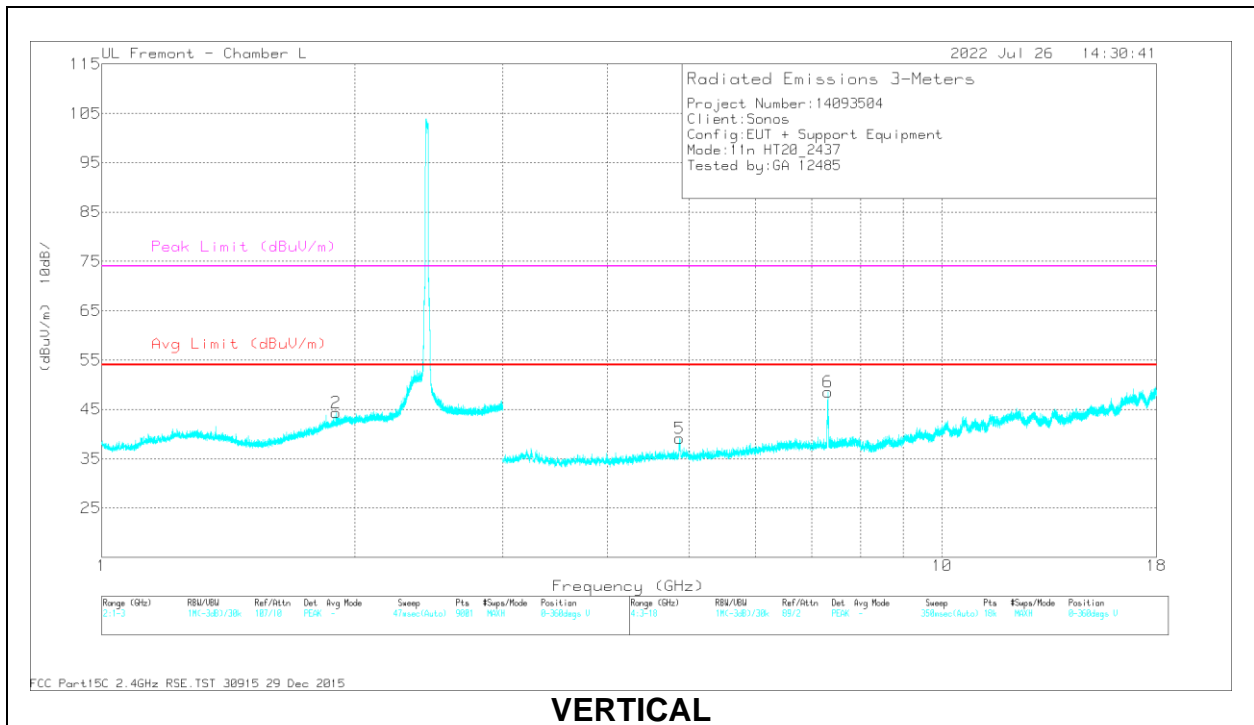
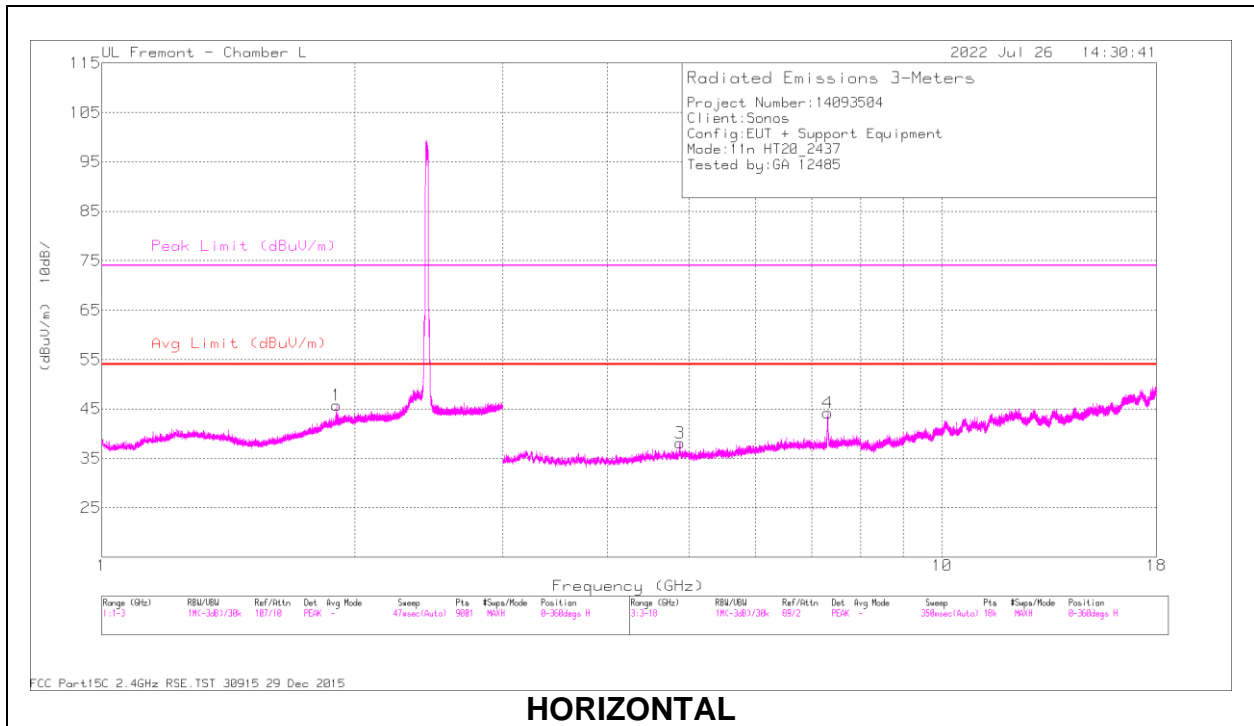
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.948676	41.98	PK2	31.9	-21.2	0	52.68	-	-	-	-	89	116	H
2	1.909073	43.21	PK2	31.4	-21.3	0	53.31	-	-	-	-	85	107	V
3	* 4.827213	44.33	PK2	34.1	-26.5	0	51.93	-	-	74	-22.07	146	103	H
	* 4.827009	30.54	MAv1	34.1	-26.5	1.11	39.25	54	-14.75	-	-	146	103	H
4	7.232822	43.49	PK2	35.9	-23.2	0	56.19	-	-	-	-	94	118	H
5	* 4.828469	43.02	PK2	34.1	-26.5	0	50.62	-	-	74	-23.38	206	108	V
	* 4.827067	29.18	MAv1	34.1	-26.5	1.11	37.89	54	-16.11	-	-	206	108	V
6	7.232381	47.34	PK2	35.9	-23.2	0	60.04	-	-	-	-	134	104	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



RADIATED EMISSIONS

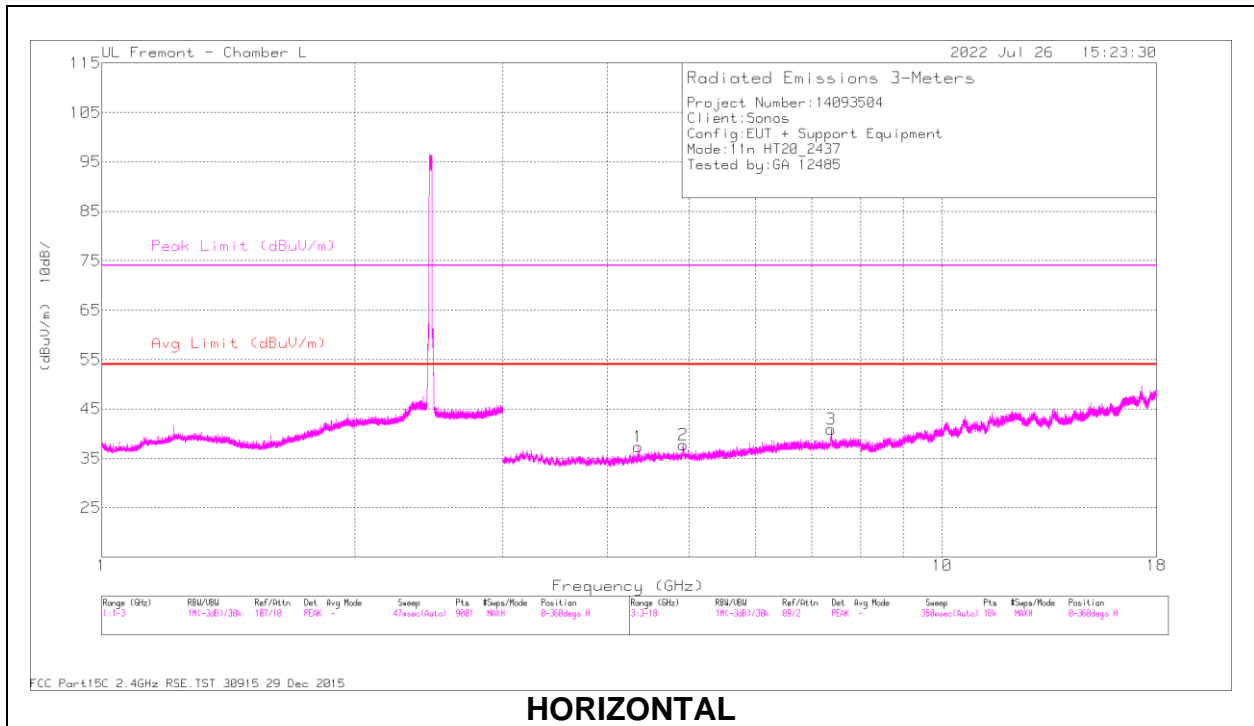
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cb/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.902847	41.71	PK2	31.3	-21.3	0	51.71	-	-	-	-	80	383	H
2	1.899547	42.16	PK2	31.3	-21.3	0	52.16	-	-	-	-	280	111	V
3	* 4.876544	38.9	PK2	34.2	-26.4	0	46.7	-	-	74	-27.3	292	112	H
	* 4.876496	25.45	MAv1	34.2	-26.4	1.11	34.36	54	-19.64	-	-	292	112	H
4	* 7.314899	39.74	PK2	35.9	-22.8	0	52.84	-	-	74	-21.16	95	102	H
	* 7.312753	25.74	MAv1	35.9	-22.8	1.11	39.95	54	-14.05	-	-	95	102	H
5	* 4.873764	42.09	PK2	34.2	-26.5	0	49.79	-	-	74	-24.21	182	116	V
	* 4.873588	27.66	MAv1	34.2	-26.5	1.11	36.47	54	-17.53	-	-	182	116	V
6	* 7.314712	43.47	PK2	35.9	-22.8	0	56.57	-	-	74	-17.43	134	104	V
	* 7.31253	28.86	MAv1	35.9	-22.8	1.11	43.07	54	-10.93	-	-	134	104	V

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

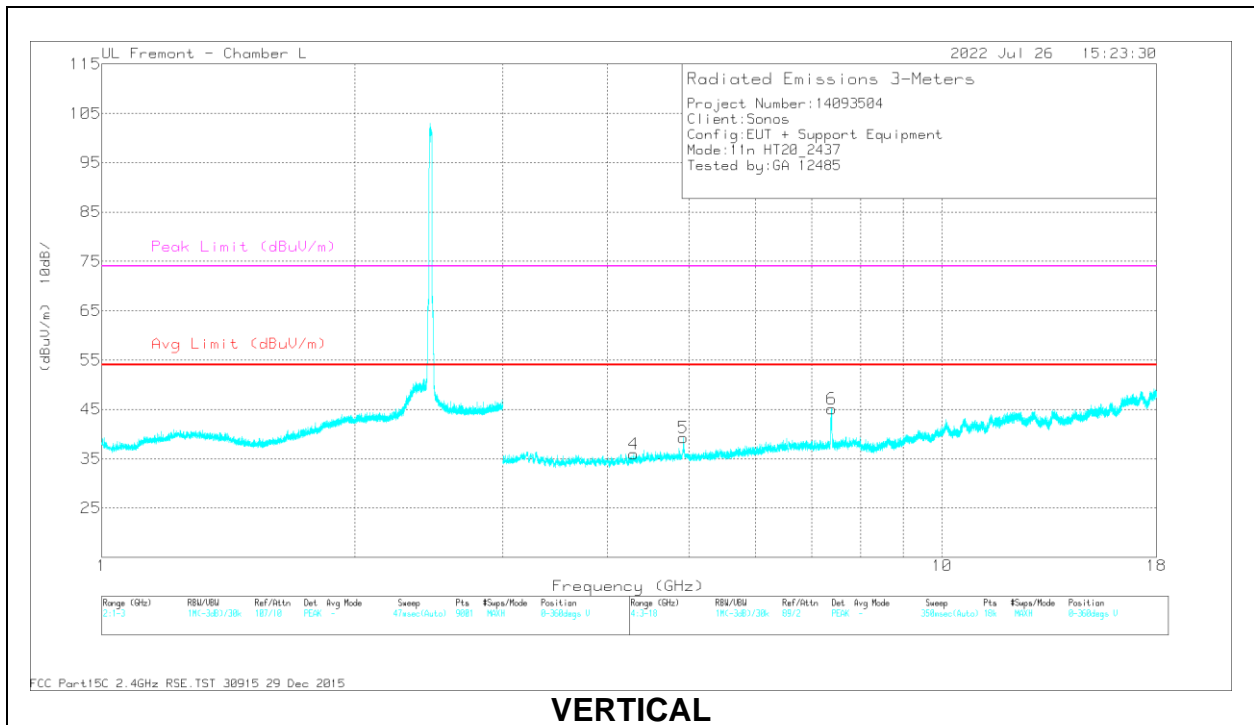
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 11 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Filtr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.348917	39.15	PK2	33.7	-27	0	45.85	-	-	74	-28.15	224	102	H
	* 4.349157	27.11	MAv1	33.7	-27	1.11	34.92	54	-19.08	-	-	224	102	H
2	* 4.92453	43.74	PK2	34.2	-25.6	0	52.34	-	-	74	-21.66	265	101	H
	* 4.923959	28.32	MAv1	34.2	-25.6	1.11	38.03	54	-15.97	-	-	265	101	H
3	* 7.382207	39.1	PK2	35.9	-22.5	0	52.5	-	-	74	-21.5	213	105	H
	* 7.379698	25.91	MAv1	35.9	-22.6	1.11	40.32	54	-13.68	-	-	213	105	H
4	* 4.297447	38.68	PK2	33.6	-27	0	45.28	-	-	74	-28.72	46	107	V
	* 4.298973	26.8	MAv1	33.6	-27	1.11	34.51	54	-19.49	-	-	46	107	V
5	* 4.920218	40.84	PK2	34.2	-25.6	0	49.44	-	-	74	-24.56	88	103	V
	* 4.922208	27.37	MAv1	34.3	-25.6	1.11	37.18	54	-16.82	-	-	88	103	V
6	* 7.389787	44.73	PK2	35.9	-22.4	0	58.23	-	-	74	-15.77	132	103	V
	* 7.387305	30.14	MAv1	35.9	-22.5	1.11	44.65	54	-9.35	-	-	132	103	V

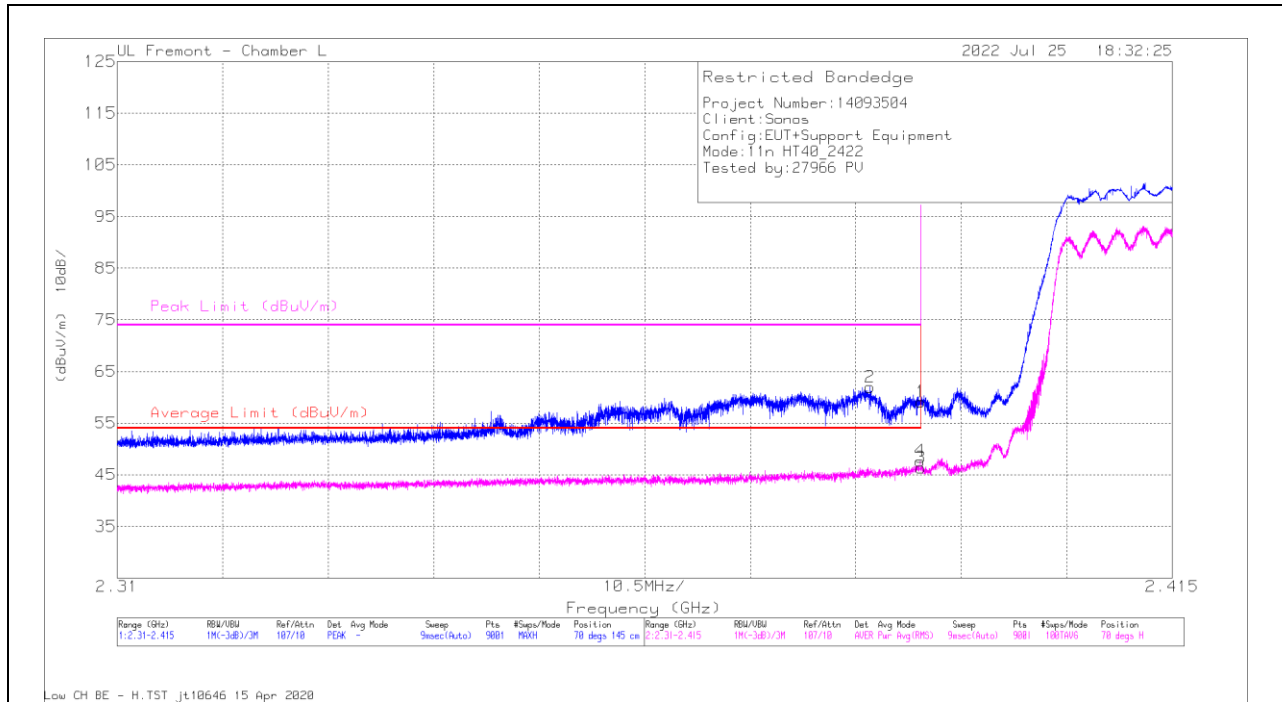
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

10.1.4. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 2.4 GHz BAND

2TX Antenna 2 + Antenna 3 CDD MODE

BANDEDGE (LOW CHANNEL, CH 3)

HORIZONTAL RESULT



Trace Markers

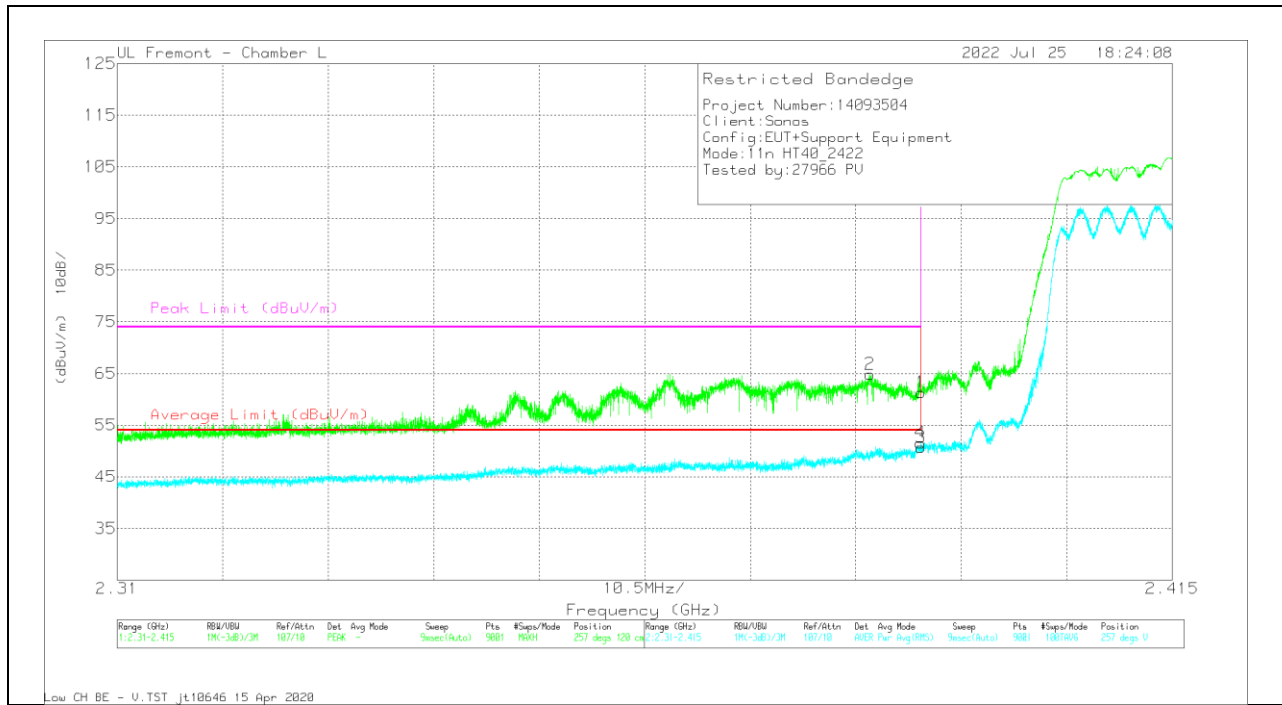
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	47.3	Pk	31.9	-20.1	0	59.1	-	-	74	-14.9	70	145	H
2	* 2.384925	50.18	Pk	31.9	-20.1	0	61.98	-	-	74	-12.02	70	145	H
3	* 2.39	32.54	RMS	31.9	-20.1	2.03	46.37	54	-7.63	-	-	70	145	H
4	* 2.389919	33.84	RMS	31.9	-20.1	2.03	47.67	54	-6.33	-	-	70	145	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	49.5	Pk	31.9	-20.1	0	61.3	-	-	74	-12.7	257	120	V
2	* 2.384925	53.05	Pk	31.9	-20.1	0	64.85	-	-	74	-9.15	257	120	V
3	* 2.39	36.9	RMS	31.9	-20.1	2.03	50.73	54	-3.27	-	-	257	120	V
4	* 2.389954	37.77	RMS	31.9	-20.1	2.03	51.6	54	-2.4	-	-	257	120	V

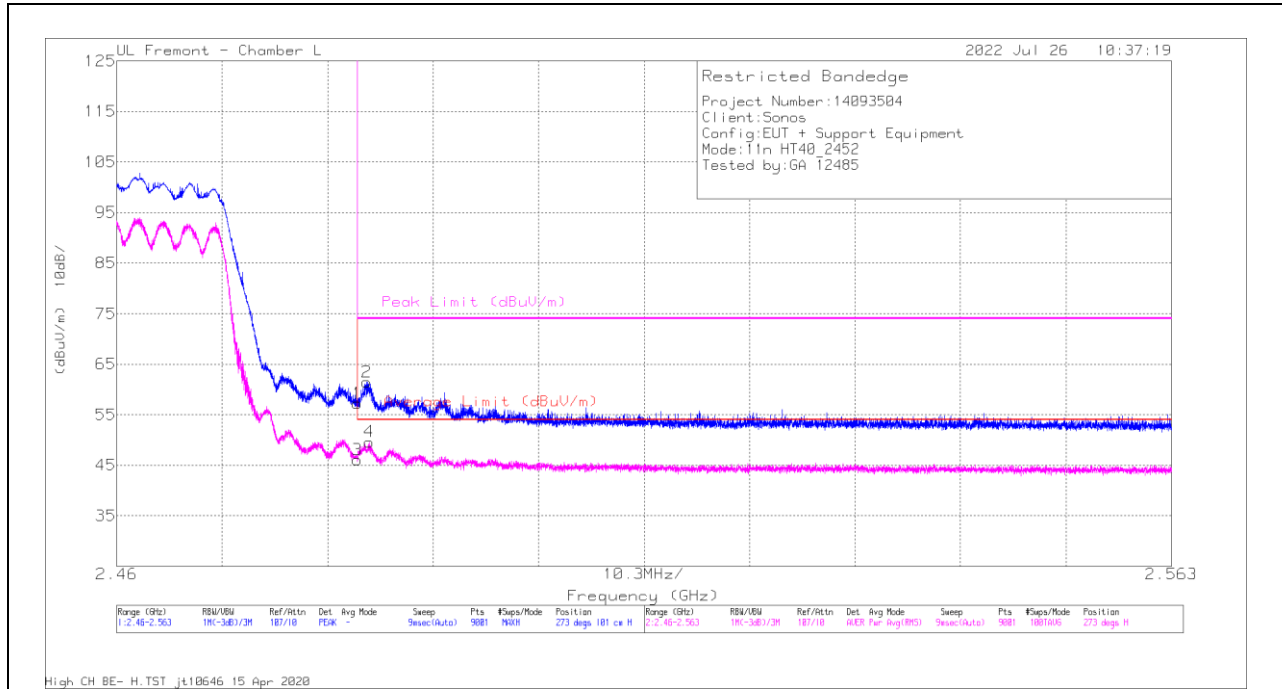
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 9)

HORIZONTAL RESULT

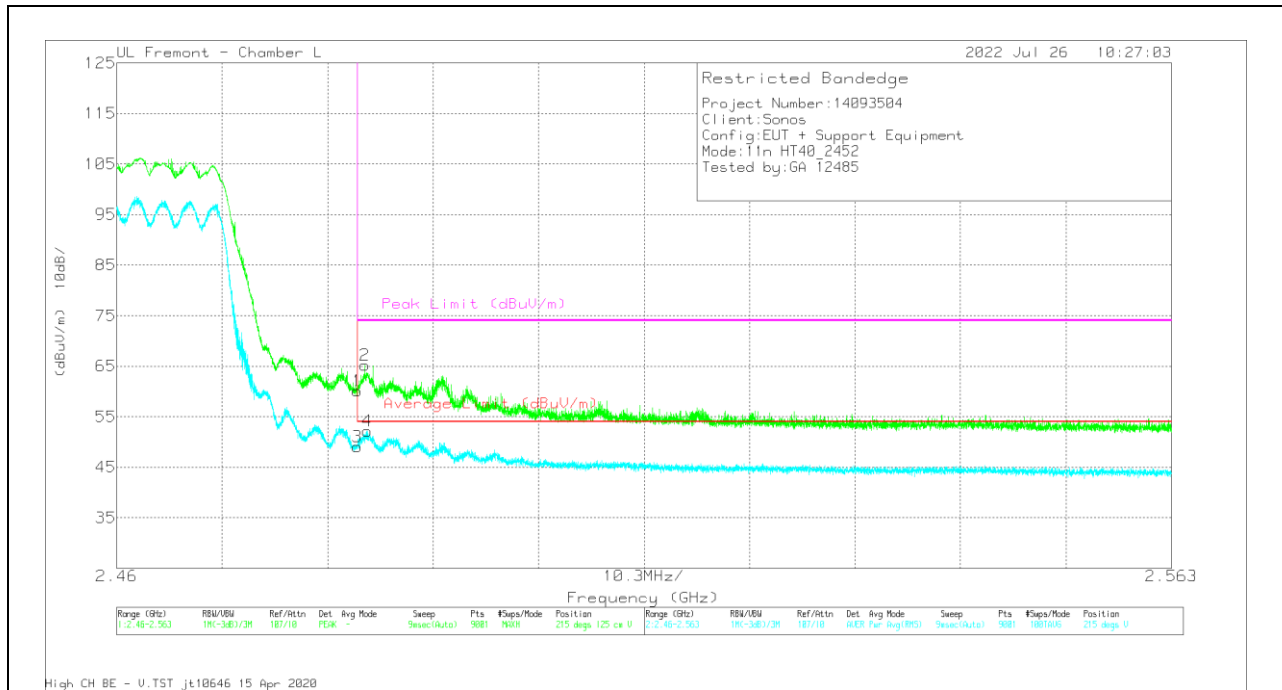


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cb/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	44.91	Pk	32.2	-19.9	0	57.21	-	-	74	-16.79	273	101	H
2	* 2.484433	49.2	Pk	32.2	-19.9	0	61.5	-	-	74	-12.5	273	101	H
3	* 2.4835	31.75	RMS	32.2	-19.9	2.03	46.08	54	-7.92	-	-	273	101	H
4	* 2.48465	35.28	RMS	32.2	-19.9	2.03	49.61	54	-4.39	-	-	273	101	H

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

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	47.84	Pk	32.2	-19.9	0	60.14	-	-	74	-13.86	215	125	V
2	* 2.484238	52.93	Pk	32.2	-19.9	0	65.23	-	-	74	-8.77	215	125	V
3	* 2.4835	34.7	RMS	32.2	-19.9	2.03	49.03	54	-4.97	-	-	215	125	V
4	* 2.48449	37.84	RMS	32.2	-19.9	2.03	52.17	54	-1.83	-	-	215	125	V

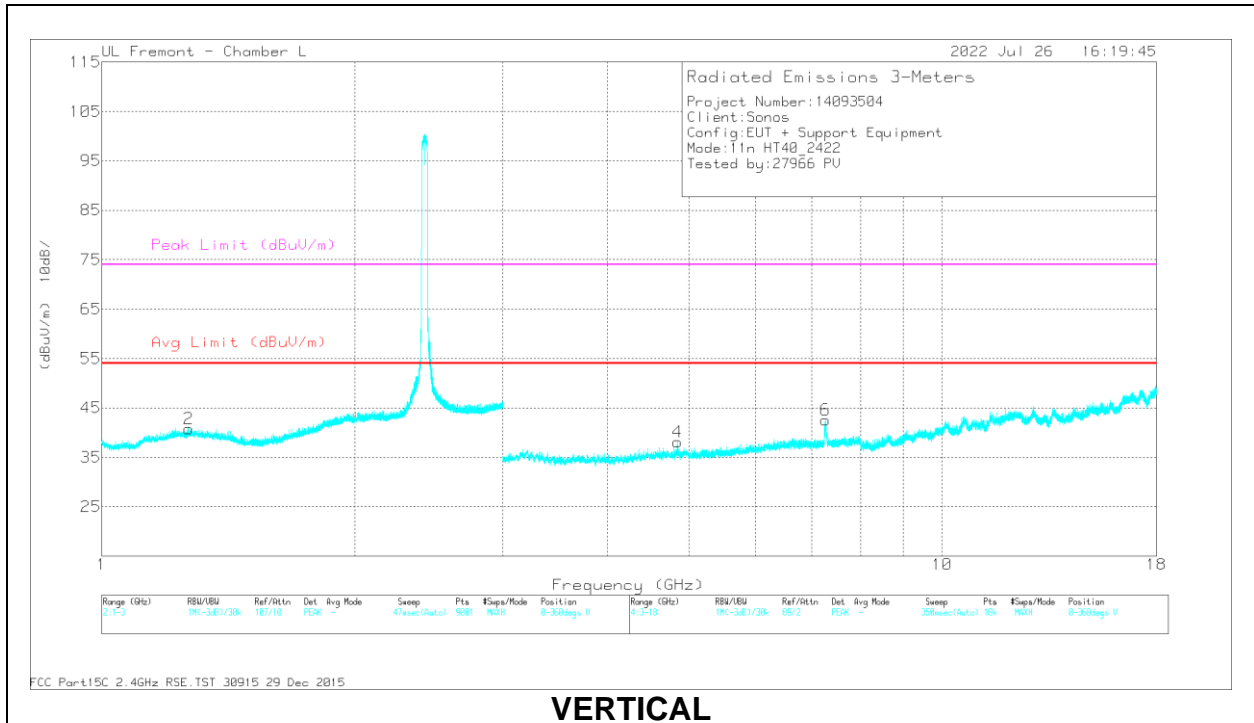
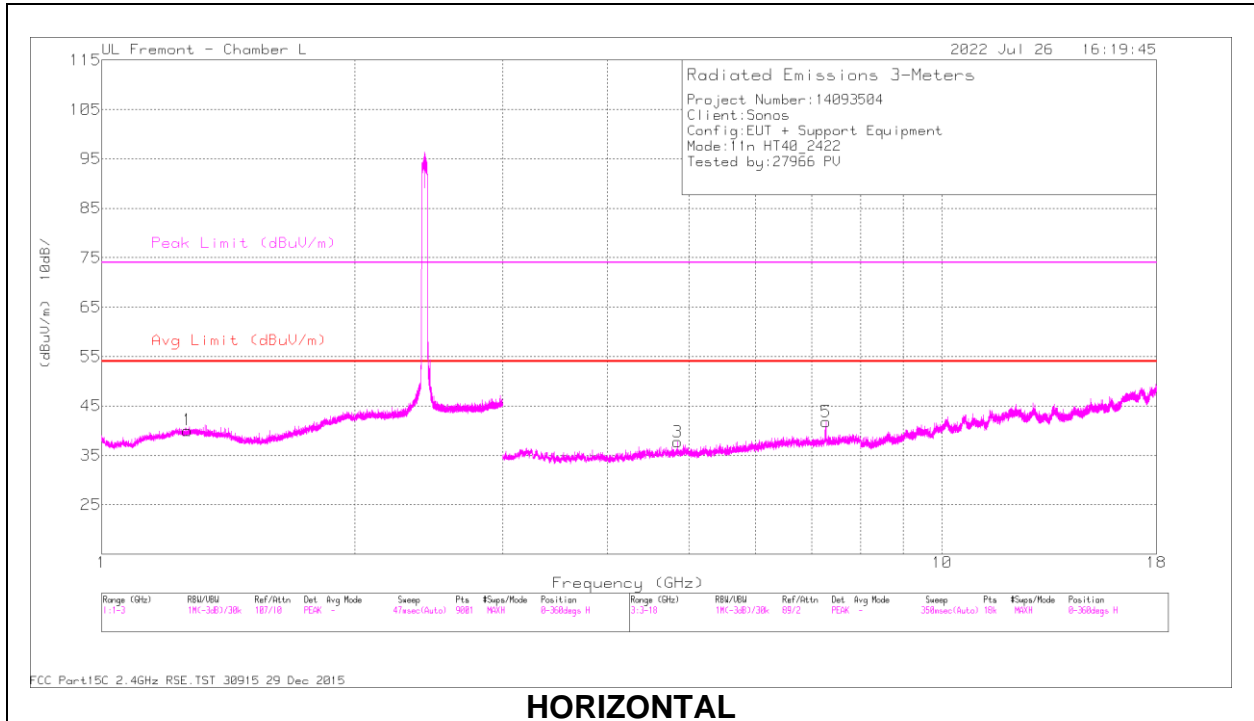
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 3 RESULTS



RADIATED EMISSIONS

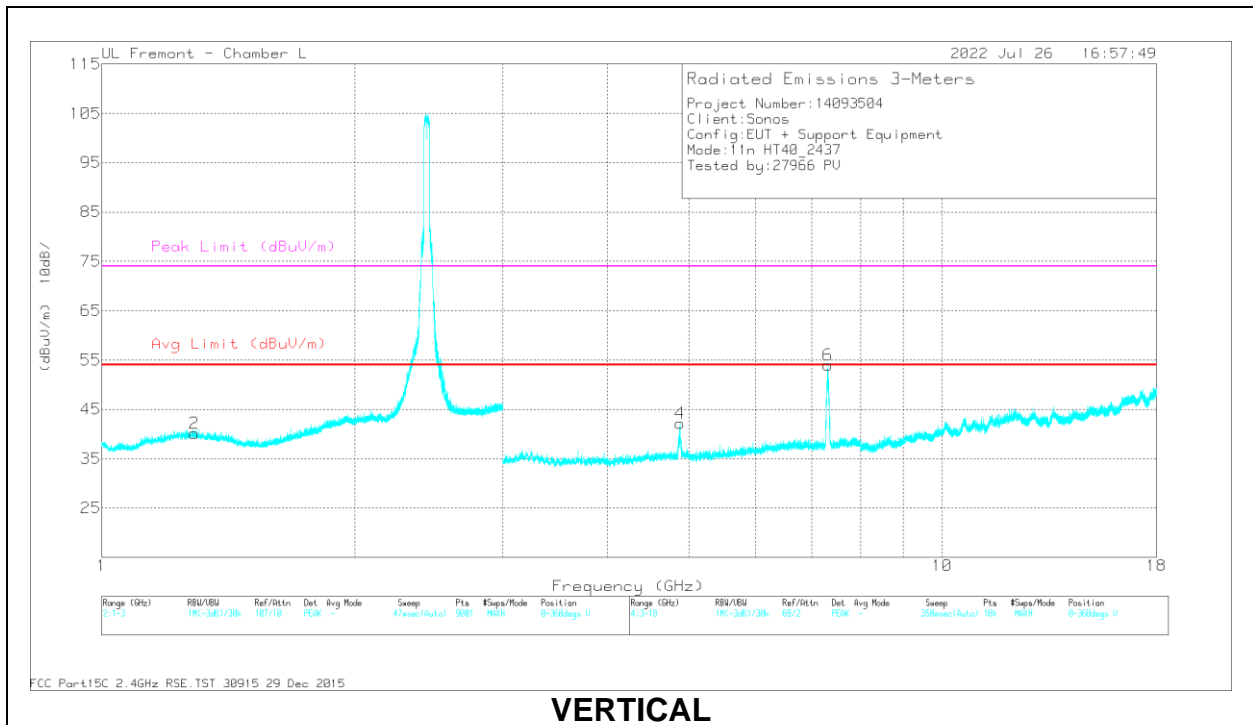
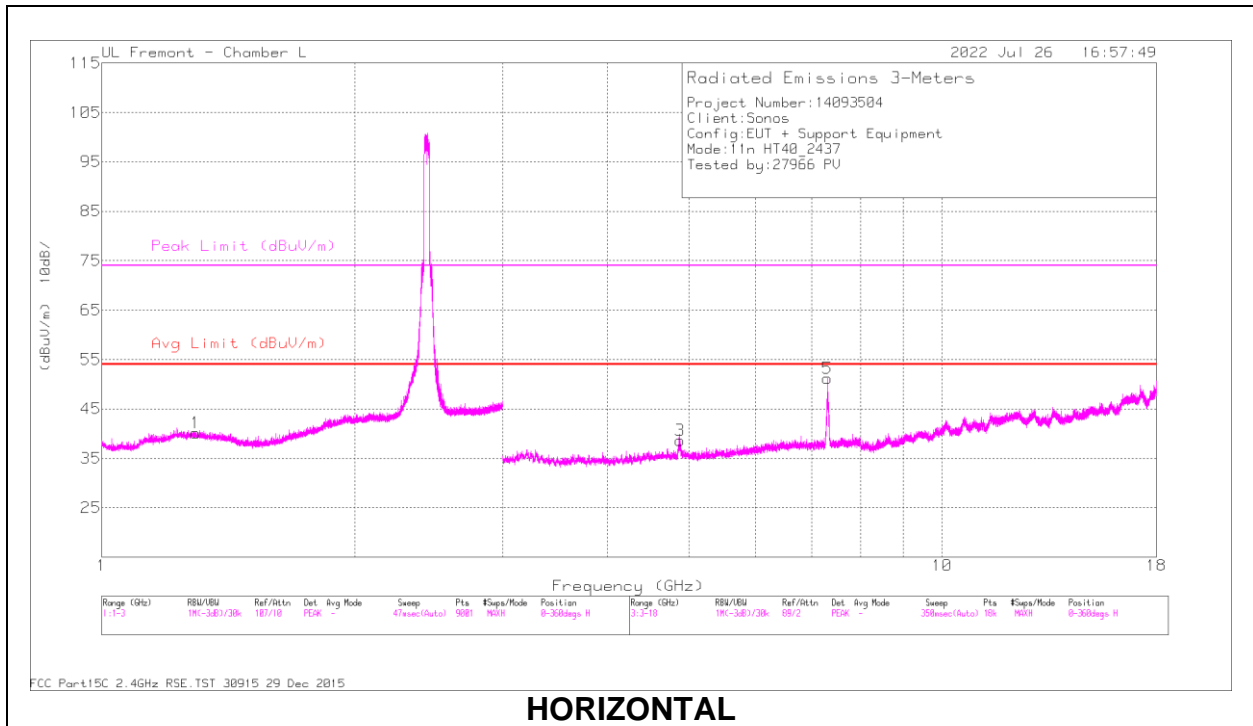
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Filtr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.267666	43.42	PK2	30	-23.3	0	50.12	-	-	74	-23.88	174	103	H
	* 1.266156	31.93	MAv1	30	-23.2	2.03	40.76	54	-13.24	-	-	174	103	H
2	* 1.269331	43.37	PK2	30	-23.3	0	50.07	-	-	74	-23.93	39	104	V
	* 1.26902	31.92	MAv1	30	-23.3	2.03	40.65	54	-13.35	-	-	39	104	V
3	* 4.844612	40.21	PK2	34.2	-26.7	0	47.71	-	-	74	-26.29	145	103	H
	* 4.844816	27.72	MAv1	34.2	-26.7	2.03	37.25	54	-16.75	-	-	145	103	H
5	* 7.27651	40.74	PK2	35.9	-23.1	0	53.54	-	-	74	-20.46	94	102	H
	* 7.273609	25.98	MAv1	35.9	-23.1	2.03	40.81	54	-13.19	-	-	94	102	H
4	* 4.844515	40.03	PK2	34.2	-26.7	0	47.53	-	-	74	-26.47	258	101	V
	* 4.844068	27.37	MAv1	34.2	-26.7	2.03	36.9	54	-17.1	-	-	258	101	V
6	* 7.273842	41.35	PK2	35.9	-23.1	0	54.15	-	-	74	-19.85	140	106	V
	* 7.271429	28.08	MAv1	35.9	-23.2	2.03	42.81	54	-11.19	-	-	140	106	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



RADIATED EMISSIONS

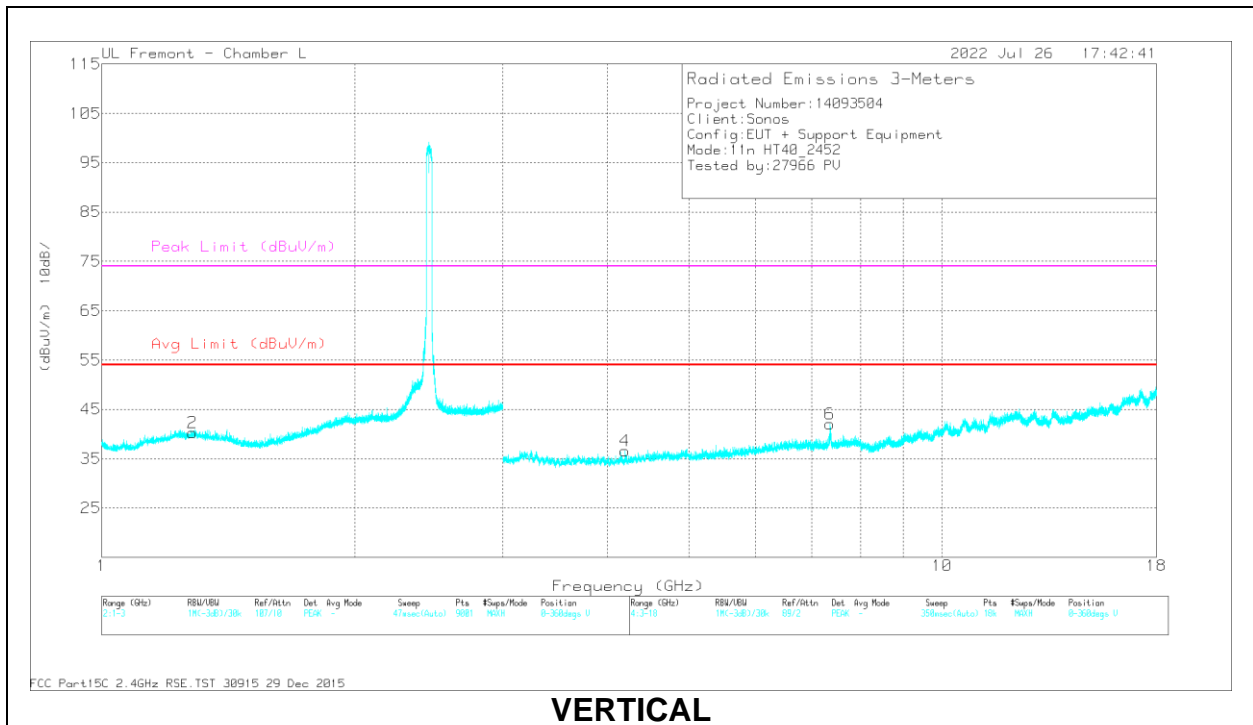
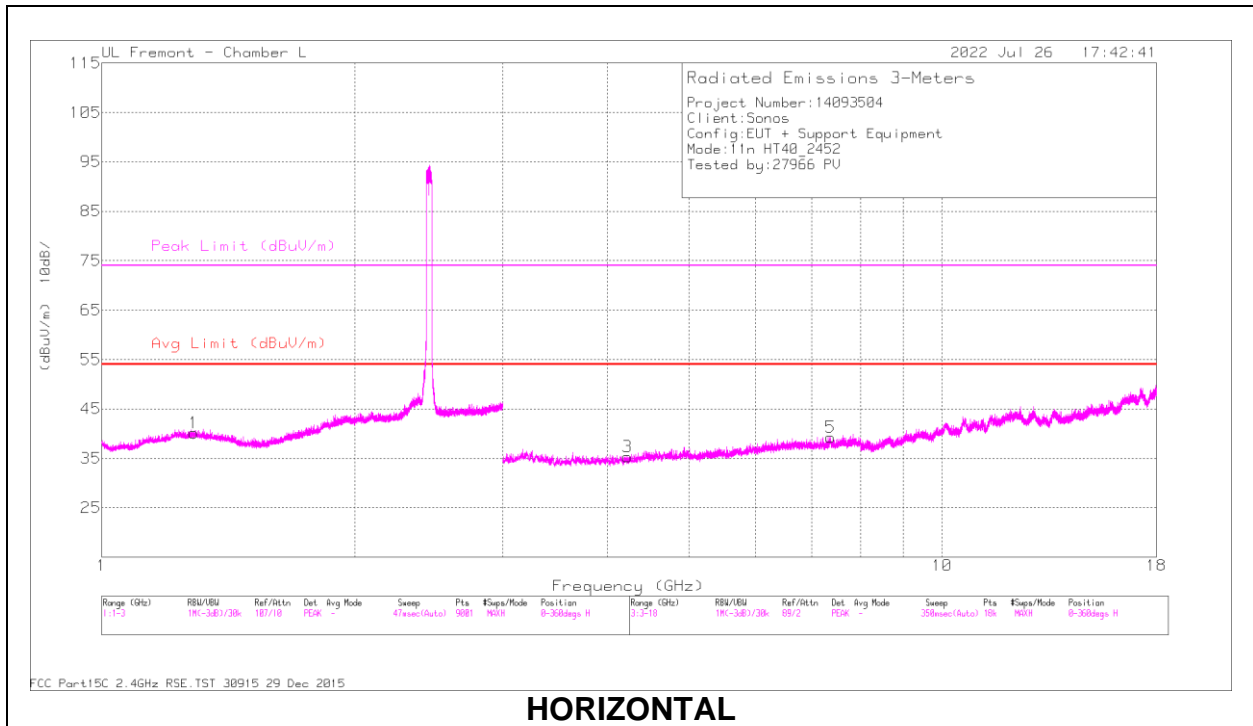
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Filtr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.290995	43.85	PK2	30	-23.2	0	50.65	-	-	74	-23.35	78	115	H
	* 1.291246	31.89	MAv1	30	-23.2	2.03	40.72	54	-13.28	-	-	78	115	H
2	* 1.288053	43.14	PK2	30	-23.2	0	49.94	-	-	74	-24.06	101	173	V
	* 1.288948	31.44	MAv1	30	-23.2	2.03	40.27	54	-13.73	-	-	101	173	V
3	* 4.874914	43.36	PK2	34.2	-26.4	0	51.16	-	-	74	-22.84	143	107	H
	* 4.87479	28.82	MAv1	34.2	-26.4	2.03	38.65	54	-15.35	-	-	143	107	H
5	* 7.302443	44.37	PK2	35.9	-22.8	0	57.47	-	-	74	-16.53	208	101	H
	* 7.304725	31.21	MAv1	35.9	-22.8	2.03	46.34	54	-7.66	-	-	208	101	H
4	* 4.874092	44	PK2	34.2	-26.4	0	51.8	-	-	74	-22.2	183	117	V
	* 4.873996	29.6	MAv1	34.2	-26.4	2.03	39.43	54	-14.57	-	-	183	117	V
6	* 7.314818	49.3	PK2	35.9	-22.8	0	62.4	-	-	74	-11.6	139	101	V
	* 7.31491	36.38	MAv1	35.9	-22.8	2.03	51.51	54	-2.49	-	-	139	101	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 9 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Filtr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.285638	43.9	PK2	30	-23.2	0	50.7	-	-	74	-23.3	243	135	H
	* 1.28764	31.6	MAv1	30	-23.2	2.03	40.43	54	-13.57	-	-	243	135	H
2	* 1.283505	43.78	PK2	30	-23.2	0	50.58	-	-	74	-23.42	17	106	V
	* 1.28394	31.98	MAv1	30	-23.2	2.03	40.81	54	-13.19	-	-	17	106	V
3	* 4.225273	38.96	PK2	33.4	-27.2	0	45.16	-	-	74	-28.84	275	104	H
	* 4.228701	26.54	MAv1	33.4	-27.2	2.03	34.77	54	-19.23	-	-	275	104	H
5	* 7.364046	38.27	PK2	36	-22.5	0	51.77	-	-	74	-22.23	93	101	H
	* 7.364933	23.94	MAv1	36	-22.6	2.03	39.37	54	-14.63	-	-	93	101	H
4	* 4.197793	38.5	PK2	33.3	-26.7	0	45.1	-	-	74	-28.9	318	102	V
	* 4.200083	26.89	MAv1	33.3	-26.7	2.03	35.52	54	-18.48	-	-	318	102	V
6	* 7.352296	39.26	PK2	36	-22.4	0	52.86	-	-	74	-21.14	138	104	V
	* 7.352396	25.65	MAv1	36	-22.4	2.03	41.28	54	-12.72	-	-	138	104	V

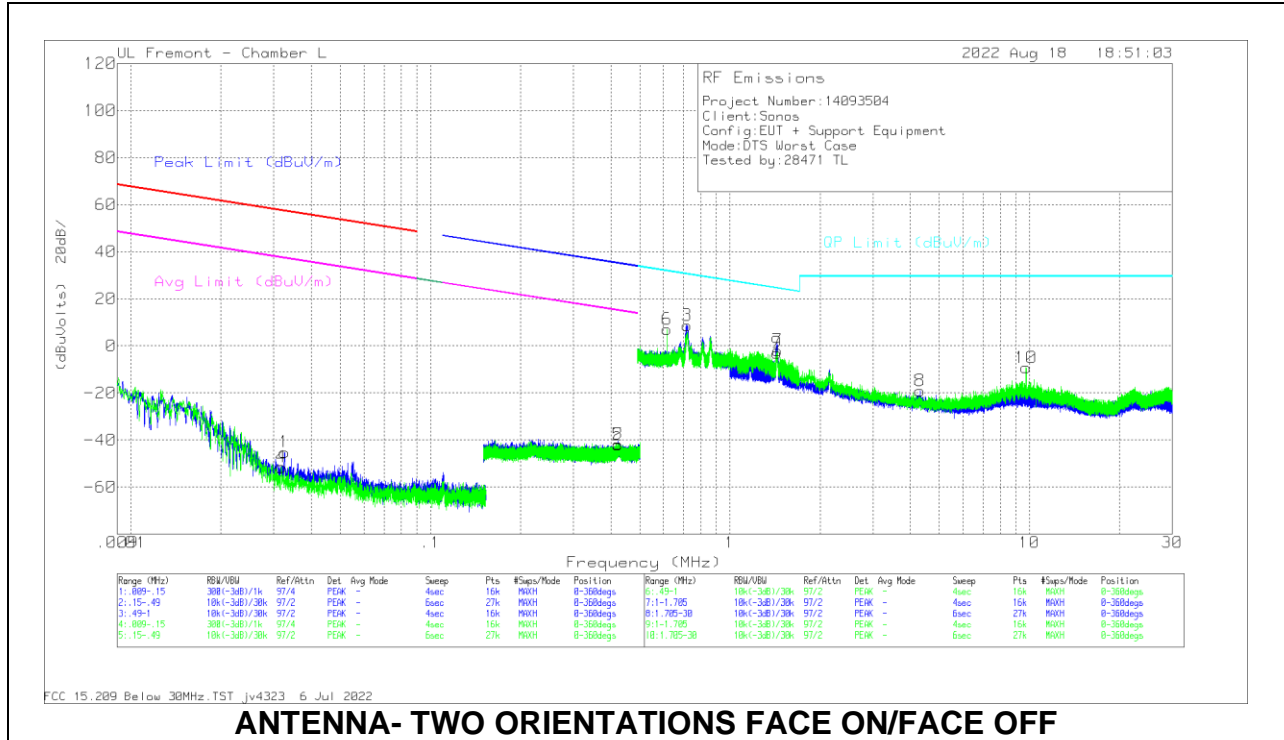
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

10.2. WORST CASE BELOW 30MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



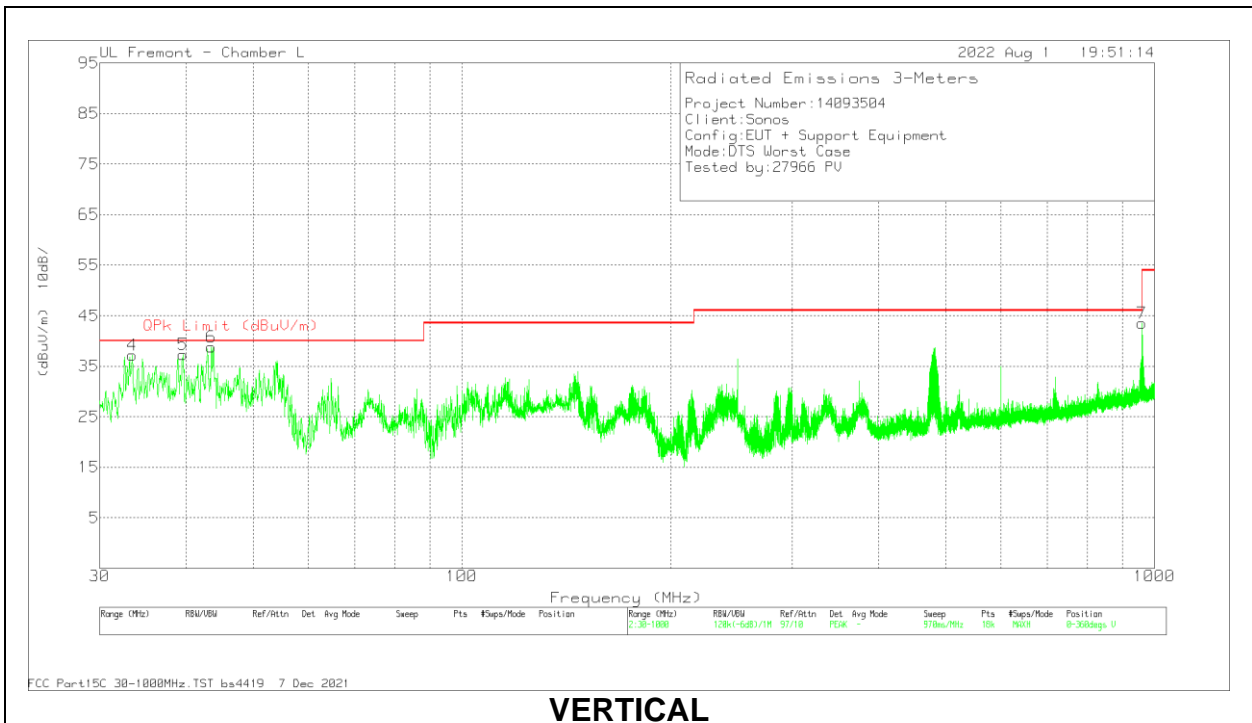
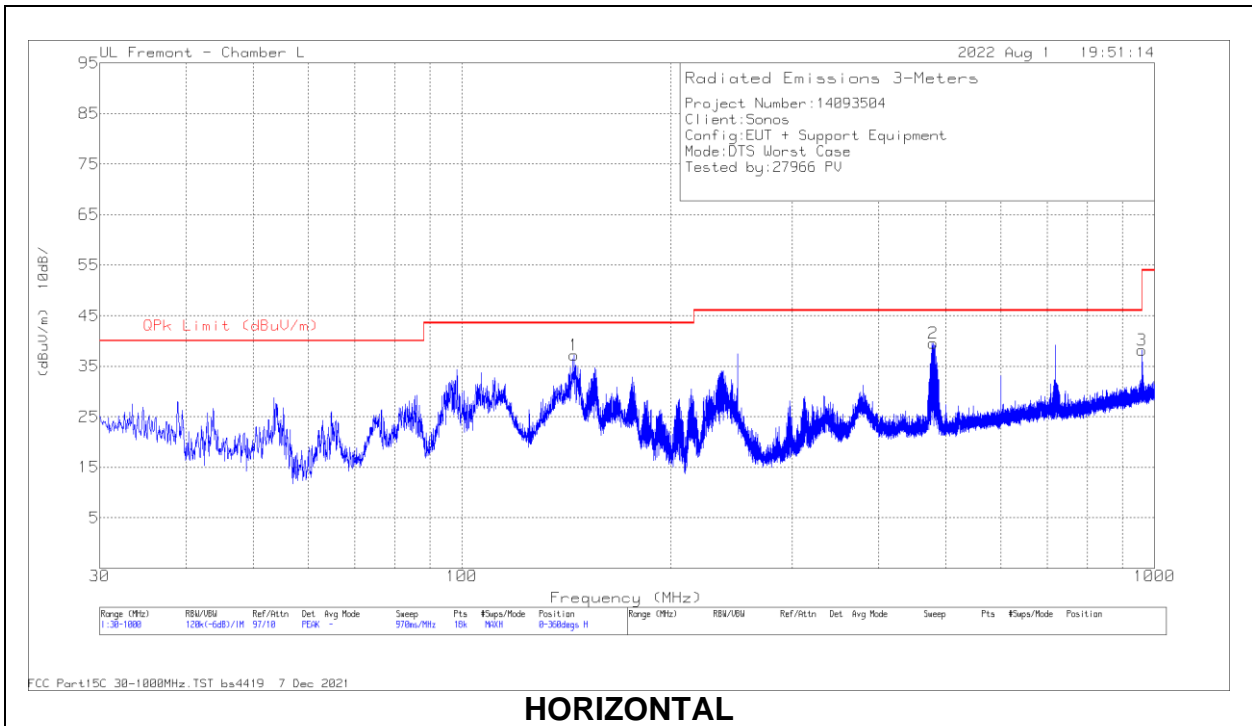
ANTENNA- TWO ORIENTATIONS FACE ON/FACE OFF

Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E(ACF)	Amp/Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	QP Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.0326	8.84	Pk	57.7	-31.7	-80	-45.16	57.33	-102.49	37.33	-82.49	-	-	-	-	-	-	0-360
2	.4232	13.8	Pk	56.1	-31.9	-80	-42	-	-	-	-	-	-	35.08	-77.08	15.08	-57.08	0-360
4	.0318	2.38	Pk	57.8	-31.7	-80	-51.52	57.54	-109.06	37.54	-89.06	-	-	-	-	-	-	0-360
5	.4226	13.95	Pk	56.1	-31.9	-80	-41.85	-	-	-	-	-	-	35.09	-76.94	15.09	-56.94	0-360
3	.7195	24.41	Pk	56.2	-31.9	-40	8.71	-	-	-	-	30.47	-21.76	-	-	-	-	0-360
6	.6154	22.87	Pk	56.1	-31.9	-40	7.07	-	-	-	-	31.83	-24.76	-	-	-	-	0-360
7	1.4419	26.36	Pk	44.6	-31.9	-40	-1.94	-	-	-	-	24.45	-26.39	-	-	-	-	0-360
8	4.3124	15.84	Pk	36.9	-31.8	-40	-19.06	-	-	-	-	29.5	-48.56	-	-	-	-	0-360
9	1.4371	24.32	Pk	44.6	-31.9	-40	-2.98	-	-	-	-	24.48	-27.46	-	-	-	-	0-360
10	9.7484	27.63	Pk	34.7	-31.6	-40	-9.27	-	-	-	-	29.5	-38.77	-	-	-	-	0-360

Pk - Peak detector

10.3. WORST CASE BELOW 1 GHz

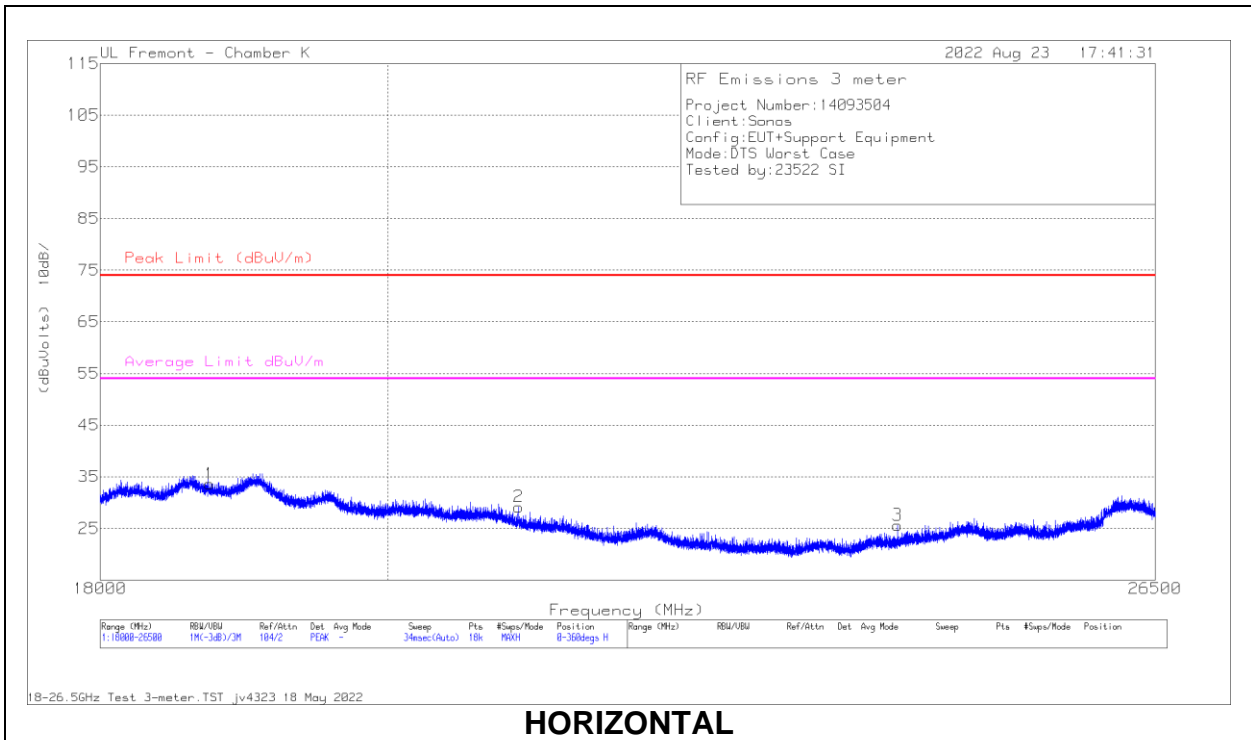


Below 1GHz DATA

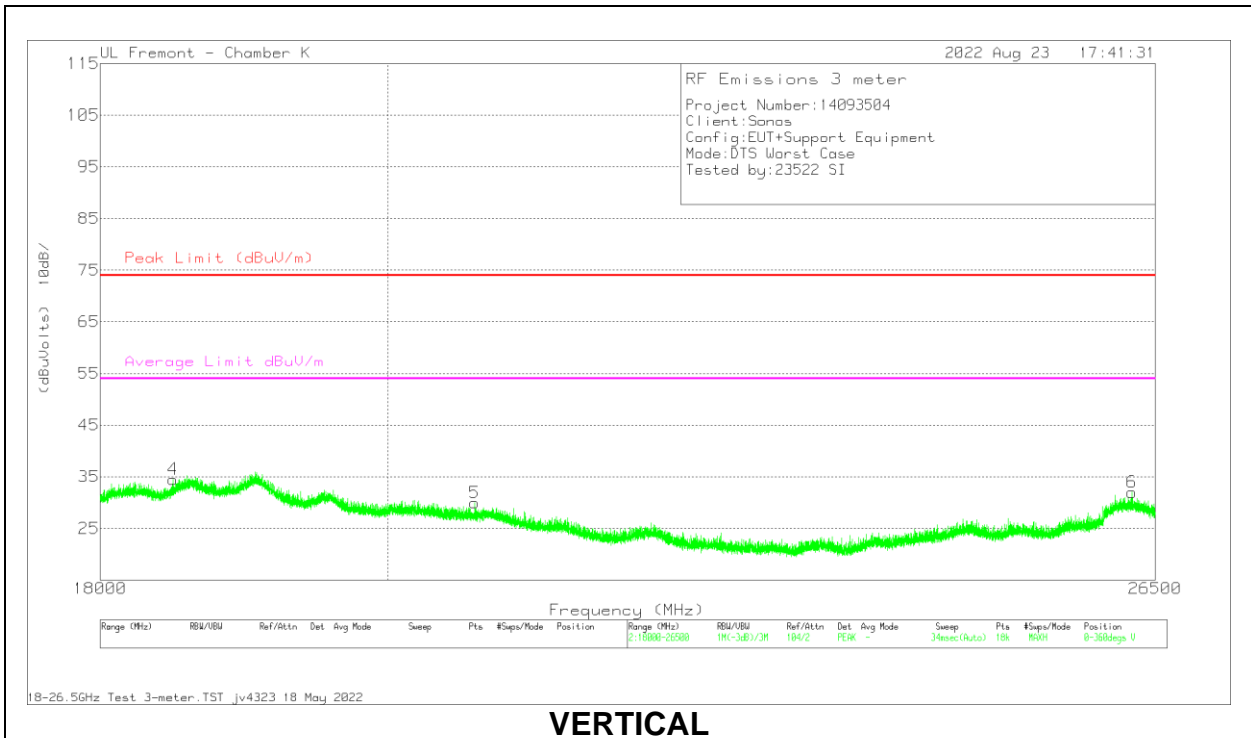
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	171862 HYBRID JB3	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	145.215	48.97	Pk	18.5	-30.3	37.17	43.52	-6.35	0-360	299	H
2	479.65	44.88	Pk	23.5	-28.9	39.48	46.02	-6.54	0-360	199	H
3	960.07	36.41	Pk	28.8	-27	38.21	53.97	-15.76	0-360	100	H
4	33.1732	43.14	Qp	24.5	-31.3	36.34	40	-3.66	306	112	V
5	39.5036	45.92	Qp	19.9	-31.3	34.52	40	-5.48	144	127	V
6	43.7888	53.16	Qp	16.8	-31.2	38.76	40	-1.24	146	121	V
7	960.07	41.72	Pk	28.8	-27	43.52	53.97	-10.45	0-360	96	V

Pk - Peak detector
 Qp - Quasi-Peak detector

10.4. WORST CASE 18-26 GHz



HORIZONTAL



VERTICAL

18 – 26GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	81138 AF (dB/m)	215705 amp/cbl (dB)	Cables (dB)	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit dBuV/m	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 18736.194	43.91	Pk	32.5	-60.7	17.9	33.61	74	-40.39	54	-20.39	0-360	200	H
2	* 20983.499	36.57	Pk	33.2	-59.6	19	29.17	74	-44.83	54	-24.83	0-360	200	H
3	24111.025	32.42	Pk	34	-61.1	20.3	25.62	74	-48.38	54	-28.38	0-360	100	H
4	* 18485.916	44.88	Pk	32.5	-60.7	17.8	34.48	74	-39.52	54	-19.52	0-360	200	V
5	* 20647.277	37.65	Pk	33.1	-59.6	18.8	29.95	74	-44.05	54	-24.05	0-360	100	V
6	26273.802	36.89	Pk	34.5	-60.7	21.3	31.99	74	-42.01	54	-22.01	0-360	100	V

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

Pk - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

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

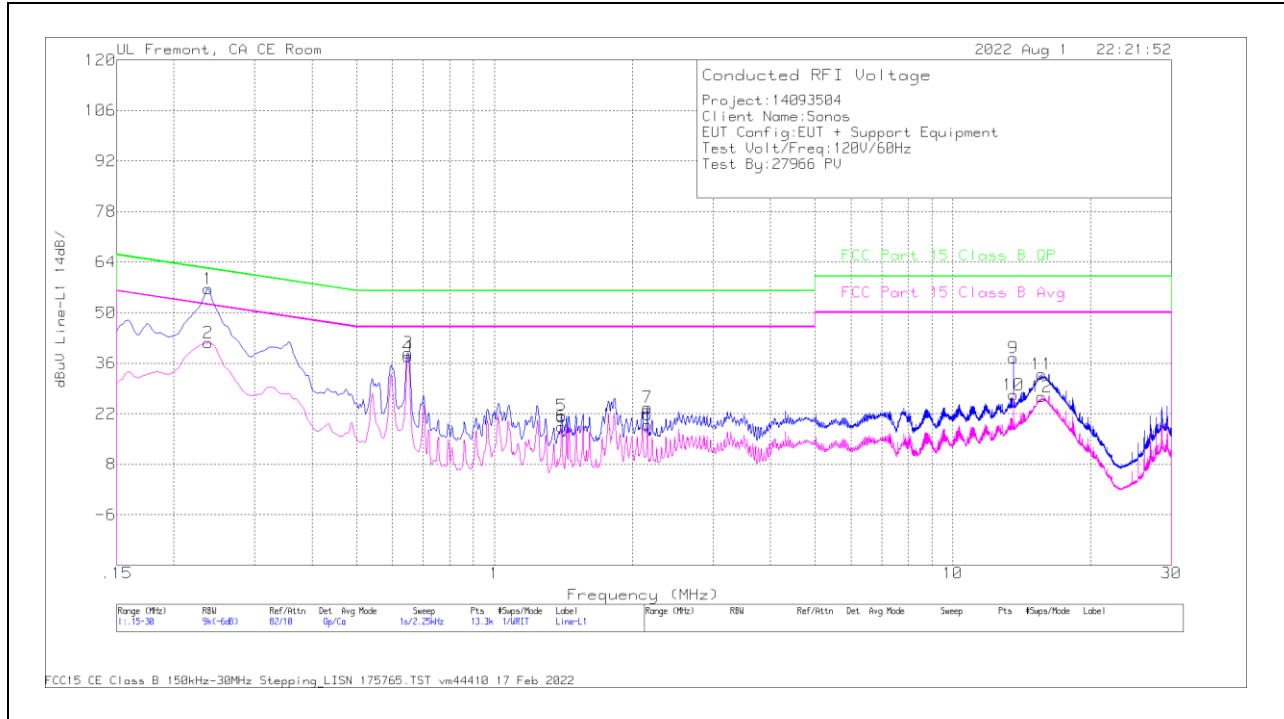
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

AC POWER LINE

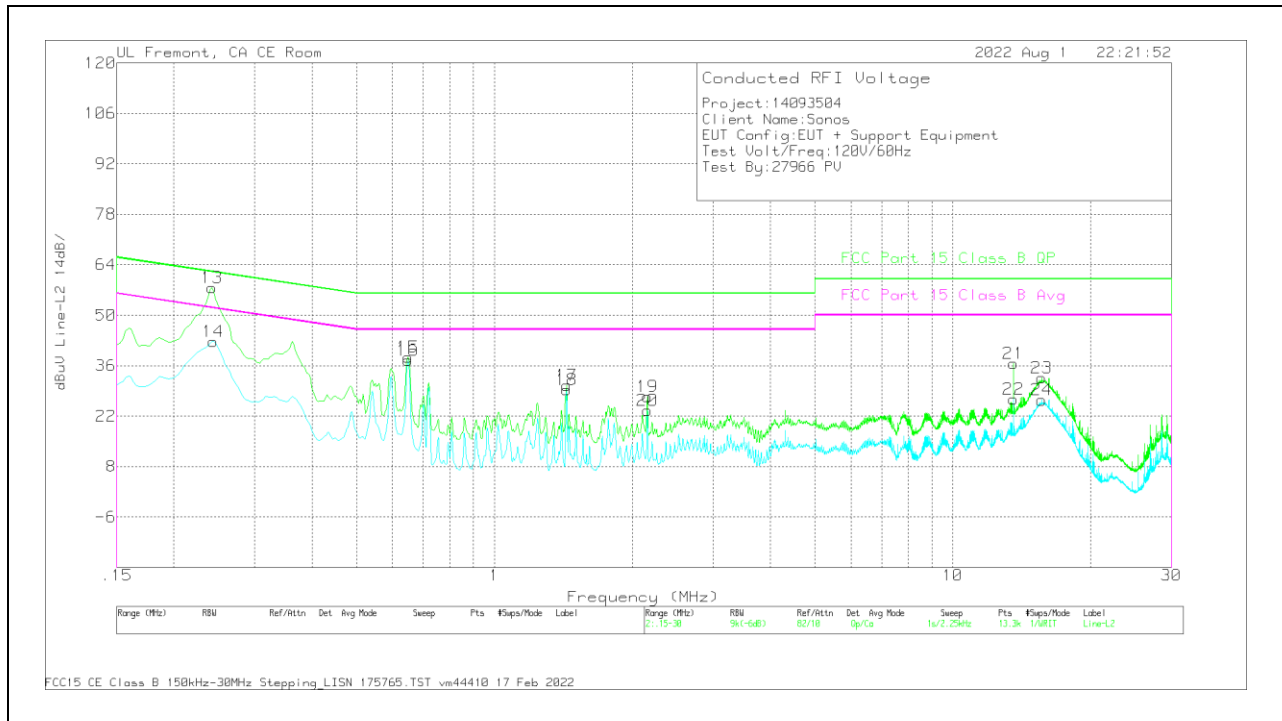
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L1	C1&C3 cable path loss	207996 Limiter with short cabl	Corrected Reading dBuV	FCC Part 15 Class B QP	QP Margin (dB)	FCC Part 15 Class B Avg	Av(CISPR)M argin (dB)	
2	.2378	32.32	Ca	0	0	9.3	41.62	-	-	52.17	-10.55	
4	.6473	28.49	Ca	0	.1	9.3	37.89	-	-	46	-8.11	
6	1.401	9.05	Ca	0	.1	9.3	18.45	-	-	46	-27.55	
8	2.1548	9.43	Ca	0	.1	9.3	18.83	-	-	46	-27.17	
10	13.56	17.58	Ca	.1	.2	9.3	27.18	-	-	50	-22.82	
12	15.6165	17.15	Ca	.1	.2	9.3	26.75	-	-	50	-23.25	
1	.2378	47.38	Qp	0	0	9.3	56.68	62.17	-5.49	-	-	
3	.6473	29.43	Qp	0	.1	9.3	38.83	56	-17.17	-	-	
5	1.401	12.14	Qp	0	.1	9.3	21.54	56	-34.46	-	-	
7	2.1548	14.38	Qp	0	.1	9.3	23.78	56	-32.22	-	-	
9	13.56	27.83	Qp	.1	.2	9.3	37.43	60	-22.57	-	-	
11	15.6165	23.39	Qp	.1	.2	9.3	32.99	60	-27.01	-	-	

Qp - Quasi-Peak detector
 Ca - CISPR average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L2	C2&C3 cable path loss	207996 Limiter with short cabl	Corrected Reading dBuV	FCC Part 15 Class B QP	QP Margin (dB)	FCC Part 15 Class B Avg	Av(CISPR)M argin (dB)
14	.2434	33.41	Ca	0	0	9.3	42.71	-	-	51.98	-9.27
16	.6473	28.06	Ca	0	.1	9.3	37.46	-	-	46	-8.54
18	1.437	19.95	Ca	0	.1	9.3	29.35	-	-	46	-16.65
20	2.157	14.15	Ca	0	.1	9.3	23.55	-	-	46	-22.45
22	13.56	17.08	Ca	.1	.2	9.3	26.68	-	-	50	-23.32
24	15.6165	16.85	Ca	.1	.2	9.3	26.45	-	-	50	-23.55
13	.2423	48.38	Qp	0	0	9.3	57.68	62.02	-4.34	-	-
15	.6473	28.94	Qp	0	.1	9.3	38.34	56	-17.66	-	-
17	1.437	21.19	Qp	0	.1	9.3	30.59	56	-25.41	-	-
19	2.1548	17.96	Qp	0	.1	9.3	27.36	56	-28.64	-	-
21	13.56	27.06	Qp	.1	.2	9.3	36.66	60	-23.34	-	-
23	15.6176	23.06	Qp	.1	.2	9.3	32.66	60	-27.34	-	-

Qp - Quasi-Peak detector
 Ca - CISPR average detection