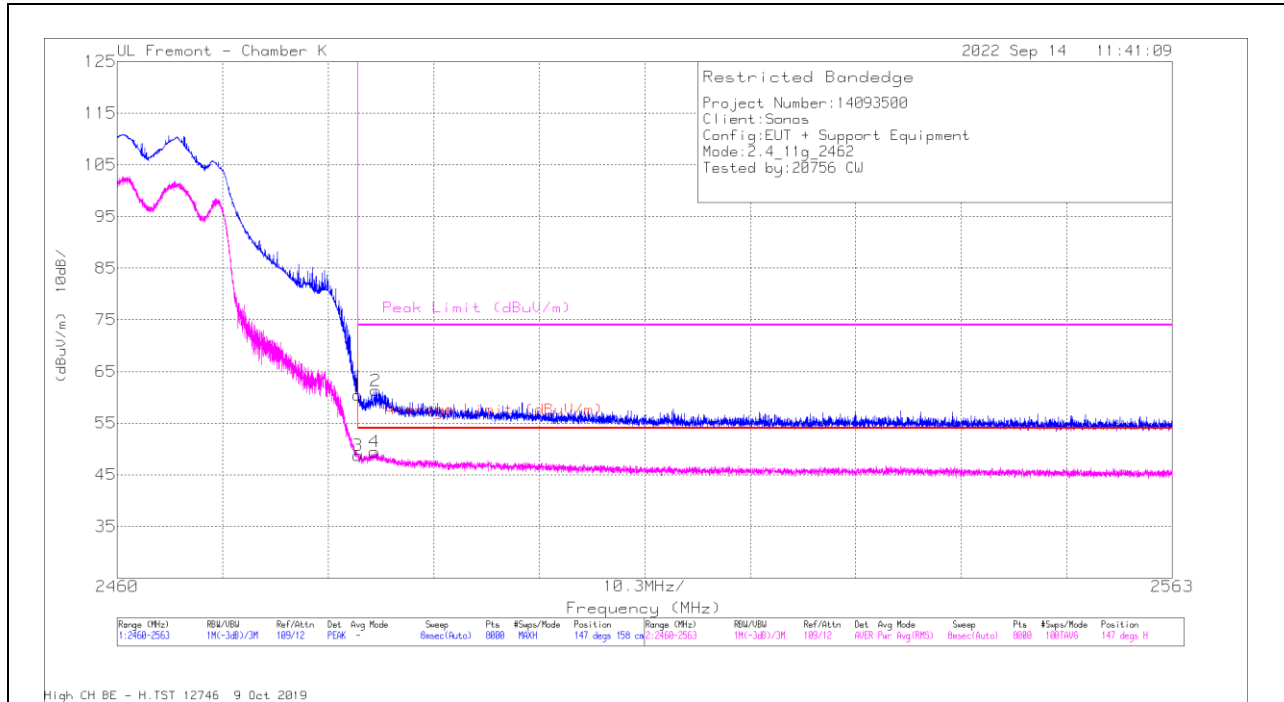


BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Trace Markers

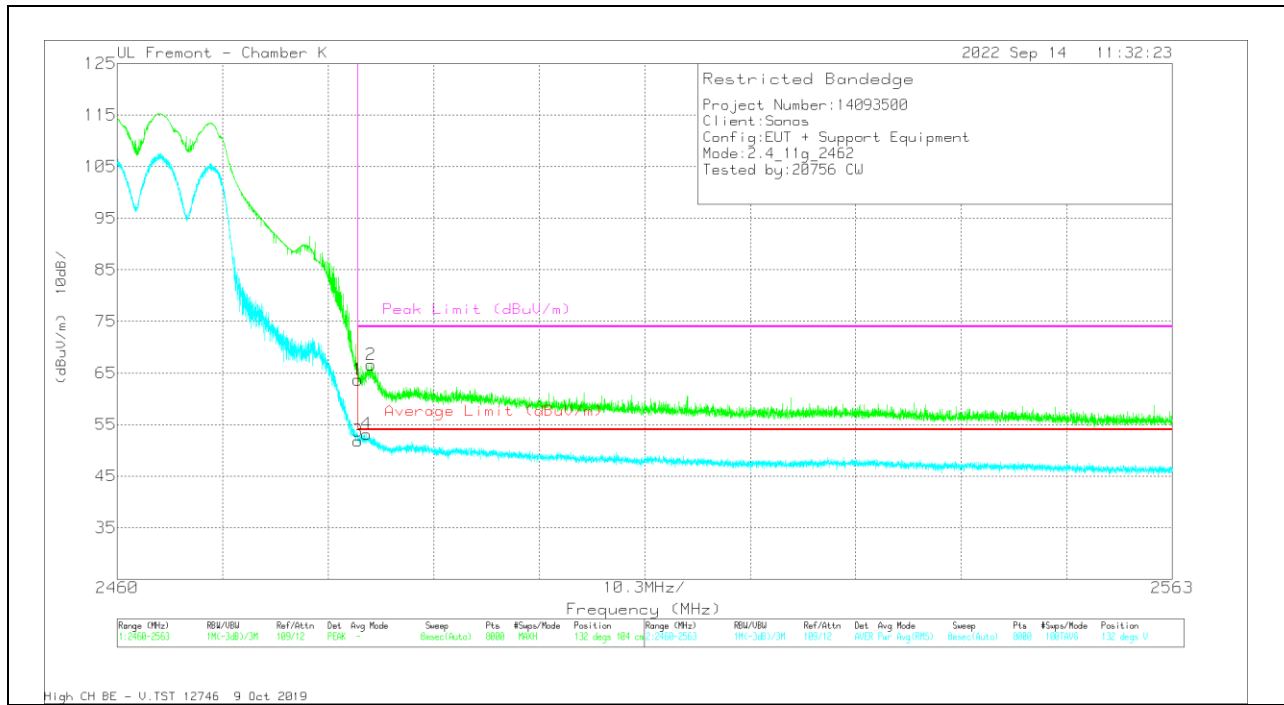
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	39.21	Pk	32.5	-11.3	0	60.41	-	-	74	-13.59	147	158	H
2	* 2485.239	40.06	Pk	32.5	-11.3	0	61.26	-	-	74	-12.74	147	158	H
3	* 2483.5	25.9	RMS	32.5	-11.3	1.61	48.71	54	-5.29	-	-	147	158	H
4	* 2485.11	26.61	RMS	32.5	-11.3	1.61	49.42	54	-4.58	-	-	147	158	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	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	* 2483.5	42.47	Pk	32.5	-11.3	0	63.67	-	-	74	-10.33	132	104	V
2	* 2484.762	45.4	Pk	32.5	-11.3	0	66.6	-	-	74	-7.4	132	104	V
3	* 2483.5	28.98	RMS	32.5	-11.3	1.61	51.79	54	-2.21	-	-	132	104	V
4	* 2484.363	30.36	RMS	32.5	-11.3	1.61	53.17	54	-0.83	-	-	132	104	V

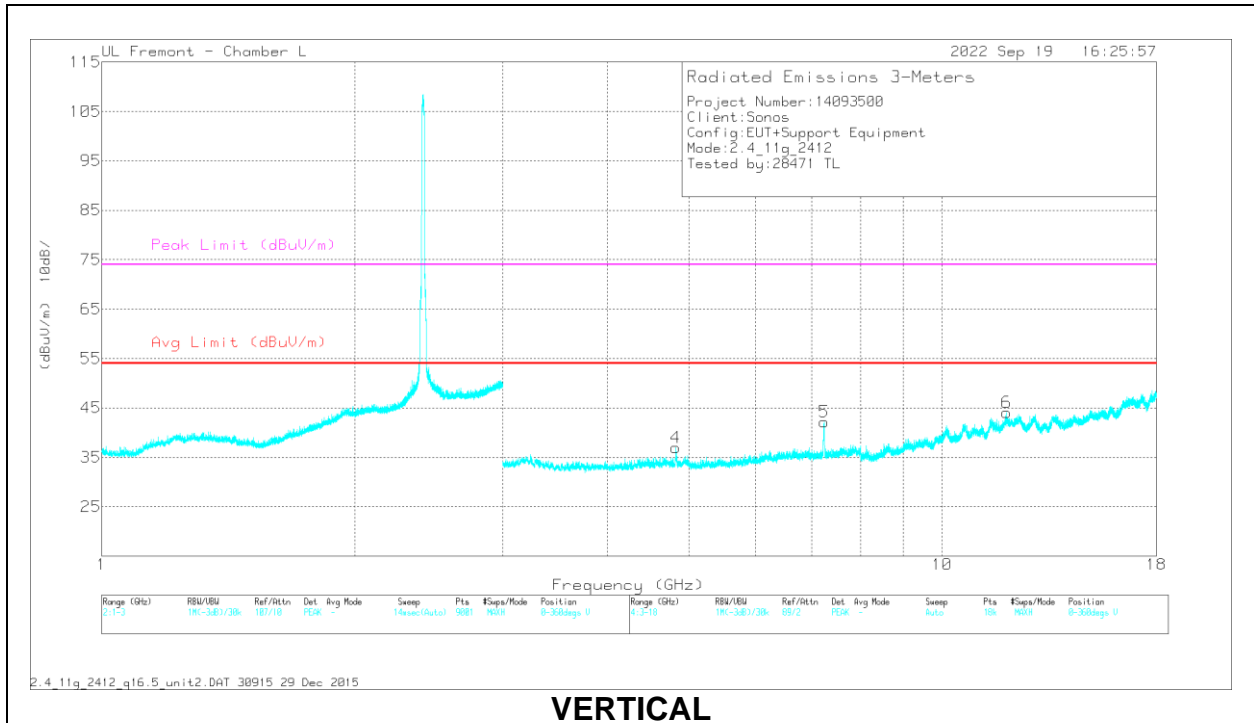
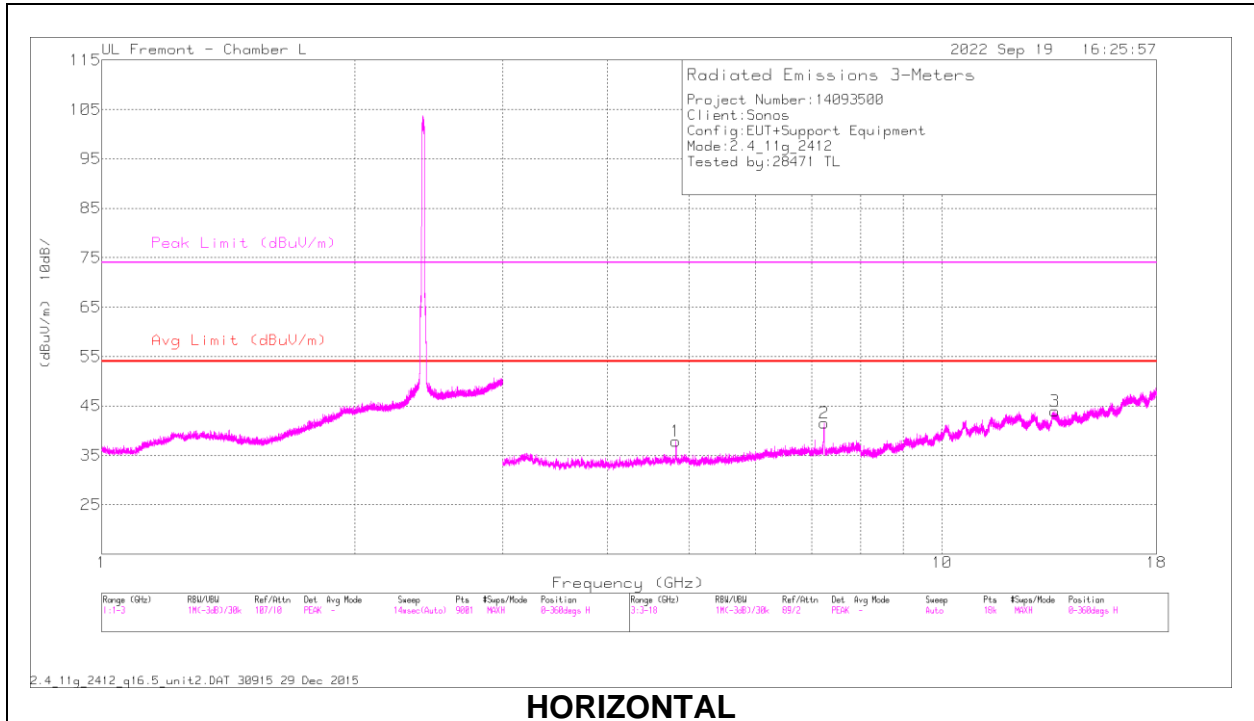
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

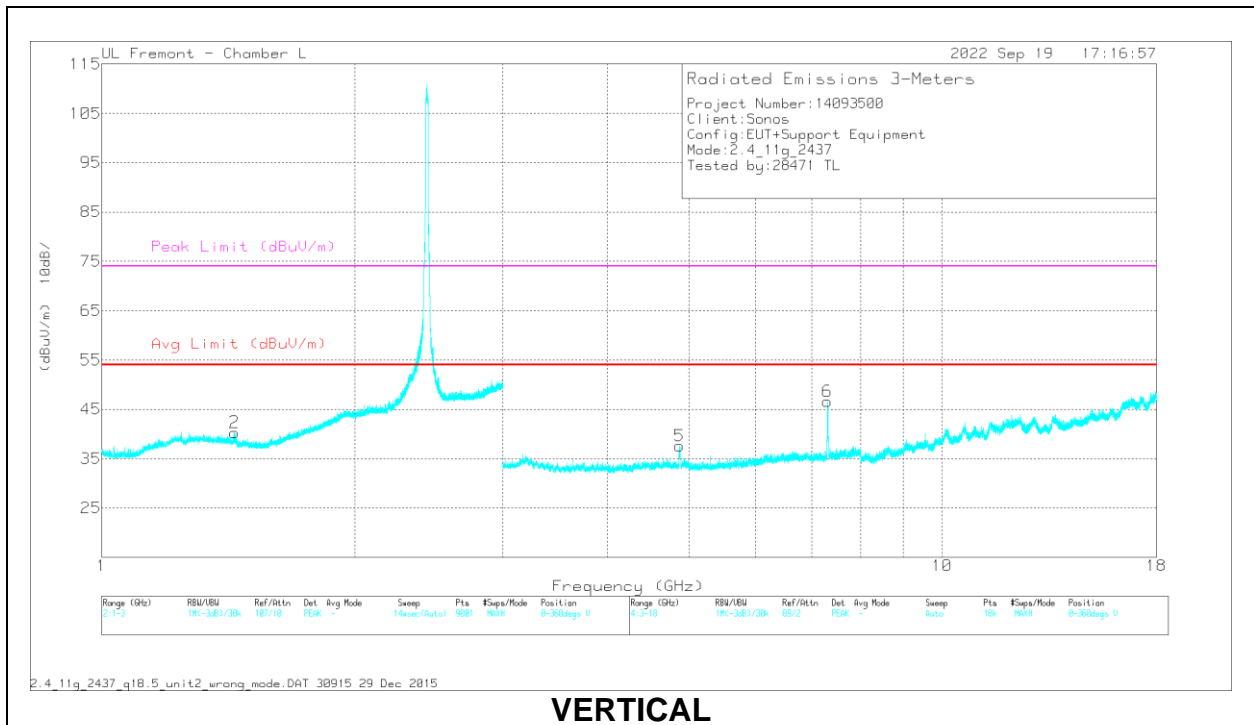
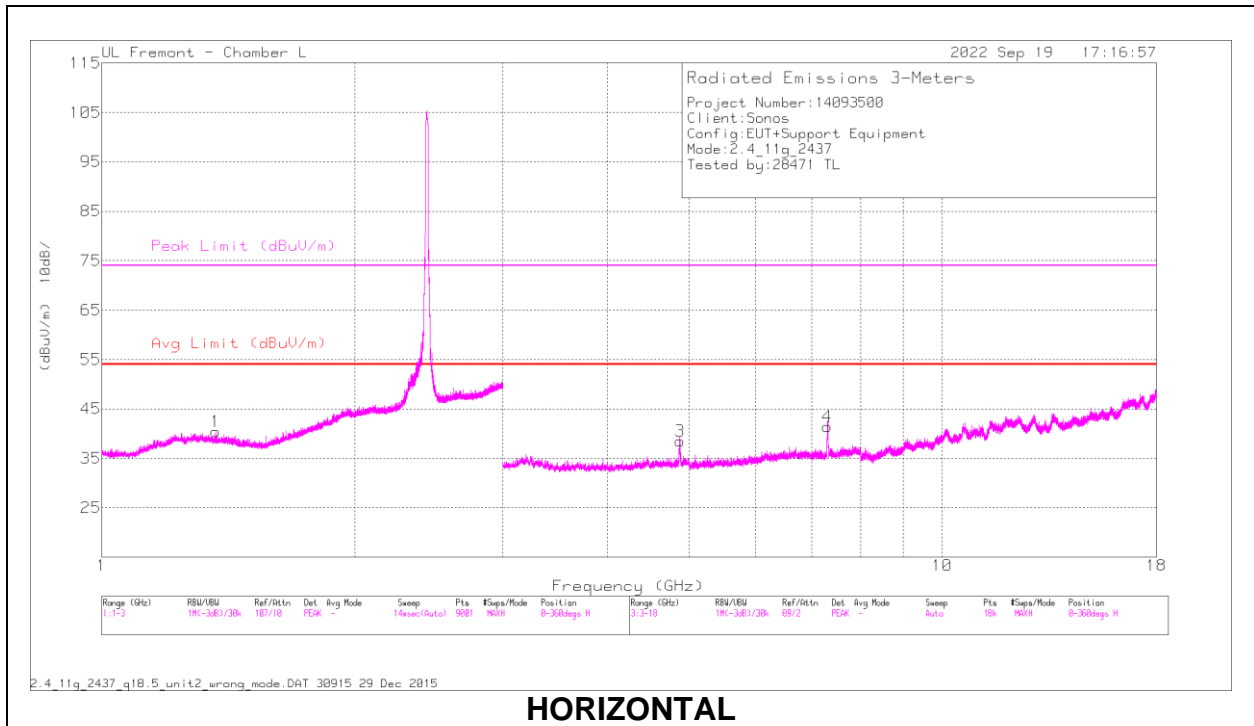
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cb/Fitr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*4.824823	40.47	PK2	34.1	-26.5	0	48.07	-	-	74	-25.93	48	103	H
	*4.825166	27.75	MAv1	34.1	-26.5	1.61	36.96	54	-17.04	-	-	48	103	H
2	7.23793	43.6	PK2	35.9	-23.2	0	56.3	-	-	-	-	257	101	H
3	13.629258	29.57	PK2	39.1	-17.6	0	51.07	-	-	-	-	4	113	H
4	*4.823737	35.73	PK2	34.1	-26.5	0	43.33	-	-	74	-30.67	310	206	V
	*4.825568	25.27	MAv1	34.1	-26.5	1.61	34.48	54	-19.52	-	-	310	206	V
5	7.237792	45.35	PK2	35.9	-23.2	0	58.05	-	-	-	-	277	101	V
6	*11.947979	30.26	PK2	39.3	-17.5	0	52.06	-	-	74	-21.94	0	130	V
	*11.946836	18.75	MAv1	39.3	-17.5	1.61	42.16	54	-11.84	-	-	0	130	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

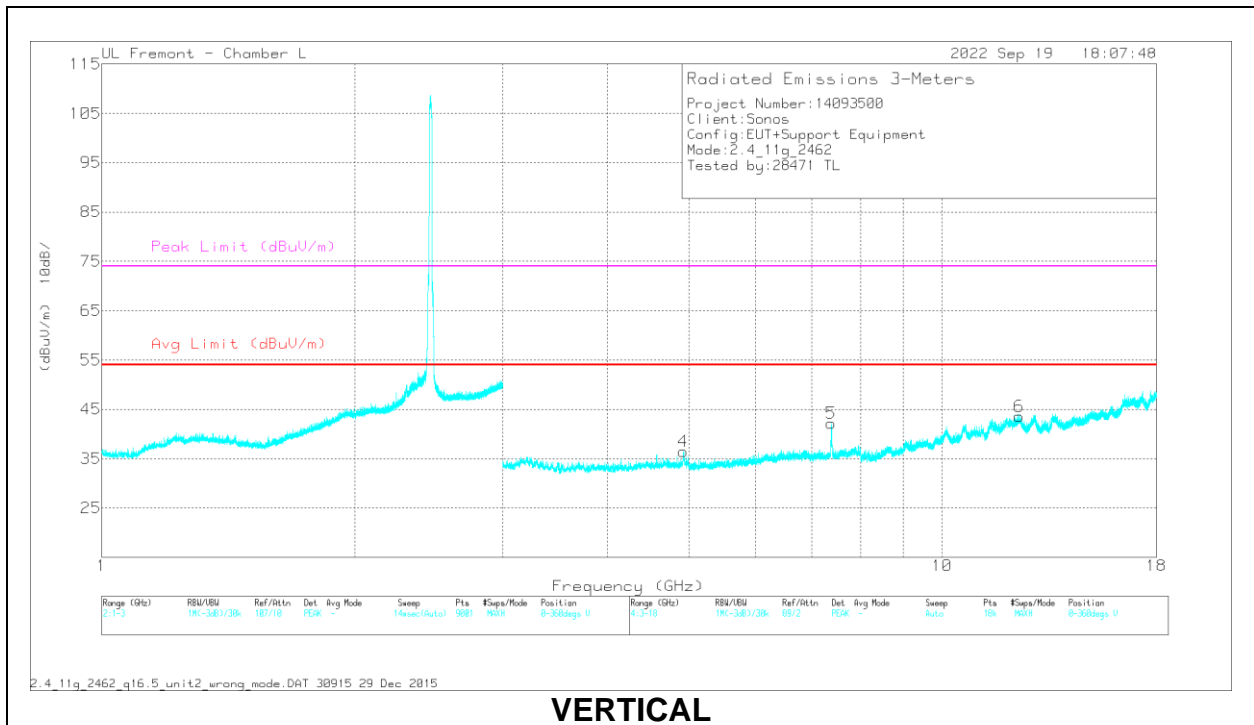
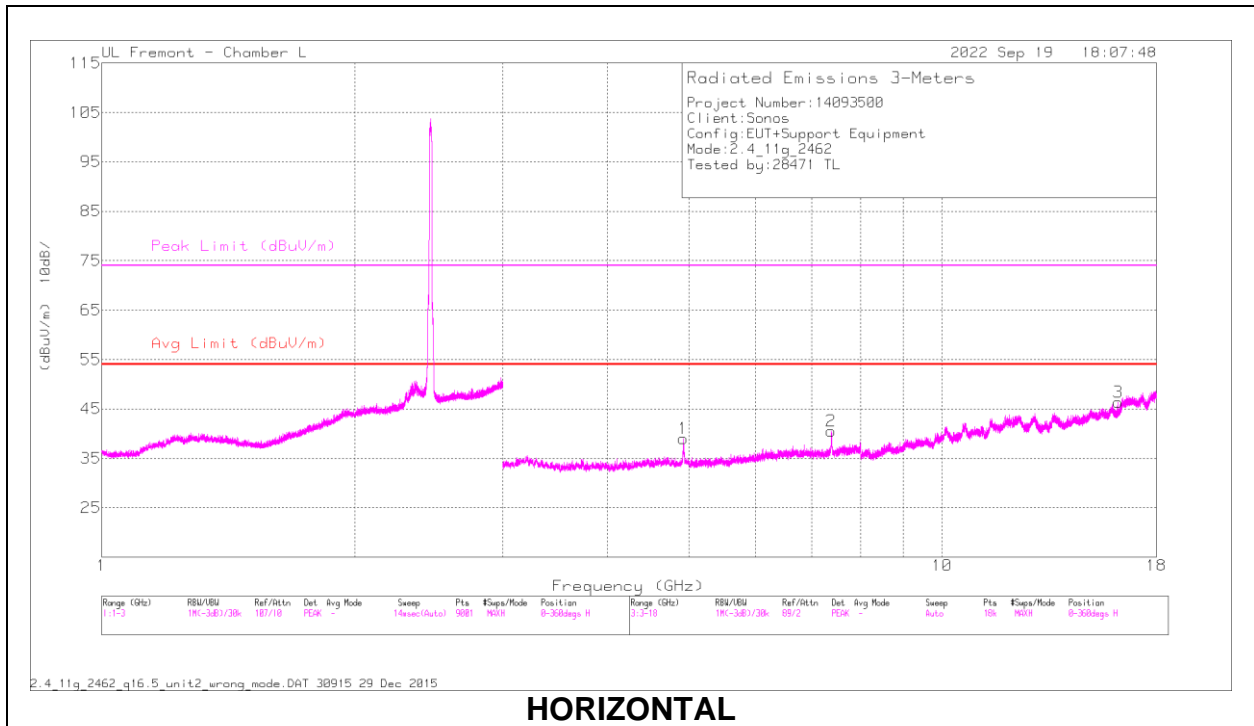
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*1.366313	34.37	PK2	29.4	-16.3	0	47.47	-	-	74	-26.53	250	345	H
	*1.365058	23.98	MAv1	29.4	-16.3	1.61	38.69	54	-15.31	-	-	250	345	H
2	*1.438763	38.59	PK2	28.4	-16	0	50.99	-	-	74	-23.01	263	106	V
	*1.439998	24.37	MAv1	28.4	-16	1.61	38.38	54	-15.62	-	-	263	106	V
3	*4.879863	40.89	PK2	34.2	-26.4	0	48.69	-	-	74	-25.31	47	119	H
	*4.879528	26.47	MAv1	34.2	-26.4	1.61	35.88	54	-18.12	-	-	47	119	H
4	*7.305677	43.65	PK2	35.9	-22.8	0	56.75	-	-	74	-17.25	118	372	H
	*7.306156	30.52	MAv1	35.9	-22.8	1.61	45.23	54	-8.77	-	-	118	372	H
5	*4.876146	39.31	PK2	34.2	-26.4	0	47.11	-	-	74	-26.89	163	104	V
	*4.875327	27.29	MAv1	34.2	-26.4	1.61	36.7	54	-17.3	-	-	163	104	V
6	*7.310715	44.64	PK2	35.9	-22.9	0	57.64	-	-	74	-16.36	274	106	V
	*7.310507	31.26	MAv1	35.9	-22.9	1.61	45.87	54	-8.13	-	-	274	106	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/CbI/Fitr (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	*4.919785	42.42	PK2	34.2	-25.6	0	51.02	-	-	74	-22.98	185	104	H
	*4.925379	28.68	MAv1	34.2	-25.5	1.61	38.99	54	-15.01	-	-	185	104	H
2	*7.387526	39	PK2	35.9	-22.5	0	52.4	-	-	74	-21.6	102	115	H
	*7.381872	24.14	MAv1	35.9	-22.5	1.61	39.15	54	-14.85	-	-	102	115	H
3	16.202978	27.64	PK2	41.3	-16.2	0	52.74	-	-	-	-	139	102	H
4	*4.924818	39.14	PK2	34.2	-25.5	0	47.84	-	-	74	-26.16	351	105	V
	*4.924027	27.1	MAv1	34.2	-25.6	1.61	37.31	54	-16.69	-	-	351	105	V
5	*7.383518	42.62	PK2	35.9	-22.5	0	56.02	-	-	74	-17.98	277	105	V
	*7.382655	27.42	MAv1	35.9	-22.5	1.61	42.43	54	-11.57	-	-	277	105	V
6	*12.355734	29.67	PK2	39.4	-17.7	0	51.37	-	-	74	-22.63	53	108	V
	*12.355086	19.94	MAv1	39.4	-17.7	1.61	43.25	54	-10.75	-	-	53	108	V

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

PK2 - KDB558074 Method: Maximum Peak

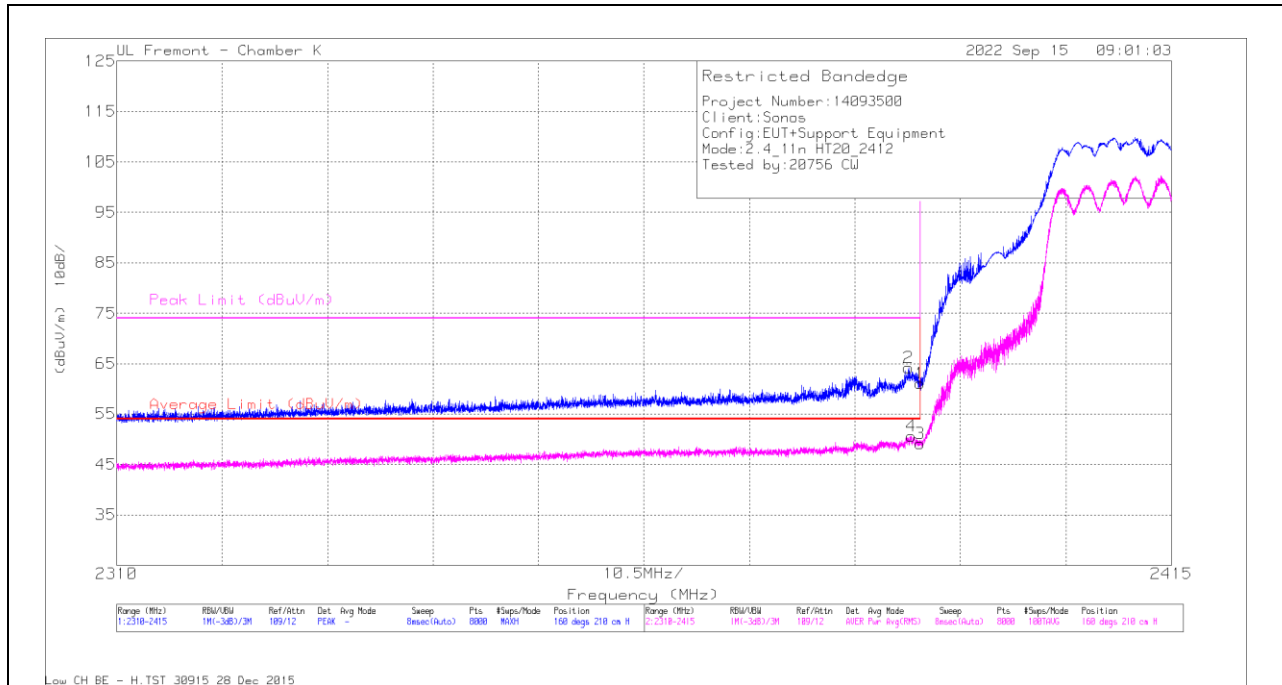
MAv1 - KDB558074 Option 1 Maximum RMS Average

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

2TX Antenna 1 + Antenna 3 CDD MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Trace Markers

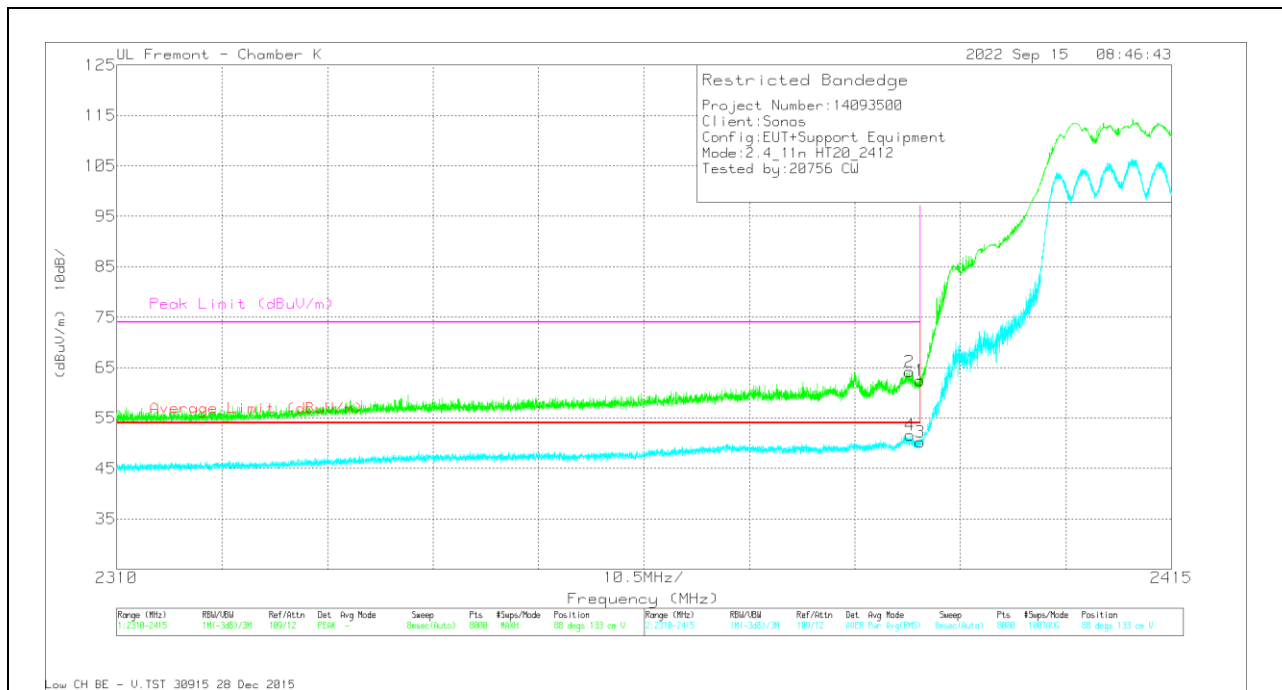
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	40.24	Pk	32.5	-11.7	0	61.04	-	-	74	-12.96	160	210	H
2	* 2388.828	43.38	Pk	32.5	-11.7	0	64.18	-	-	74	-9.82	160	210	H
3	* 2390	26.69	RMS	32.5	-11.7	1.69	49.18	54	-4.82	-	-	160	210	H
4	* 2389.116	28.2	RMS	32.5	-11.7	1.69	50.69	54	-3.31	-	-	160	210	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	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	* 2390	41.66	Pk	32.5	-11.7	0	62.46	-	-	74	-11.54	88	133	V
2	* 2388.906	43.38	Pk	32.5	-11.7	0	64.18	-	-	74	-9.82	88	133	V
3	* 2390	27.74	RMS	32.5	-11.7	1.69	50.23	54	-3.77	-	-	88	133	V
4	* 2388.998	29.09	RMS	32.5	-11.7	1.69	51.58	54	-2.42	-	-	88	133	V

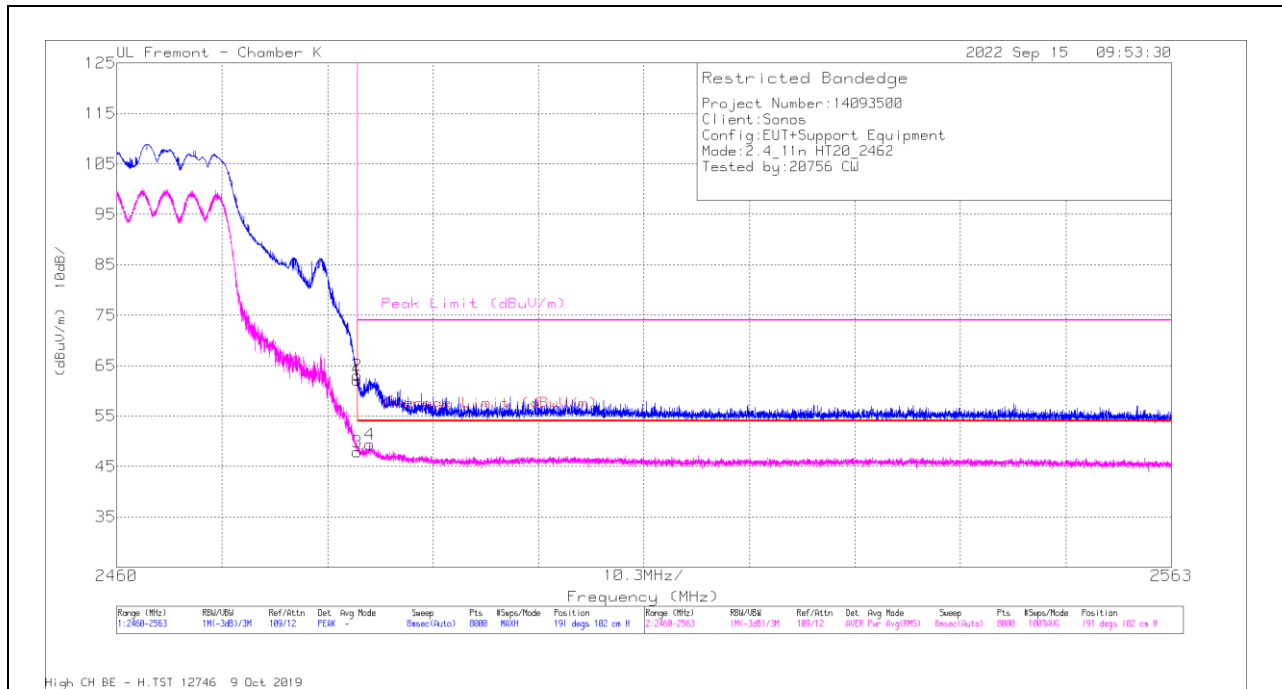
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Trace Markers

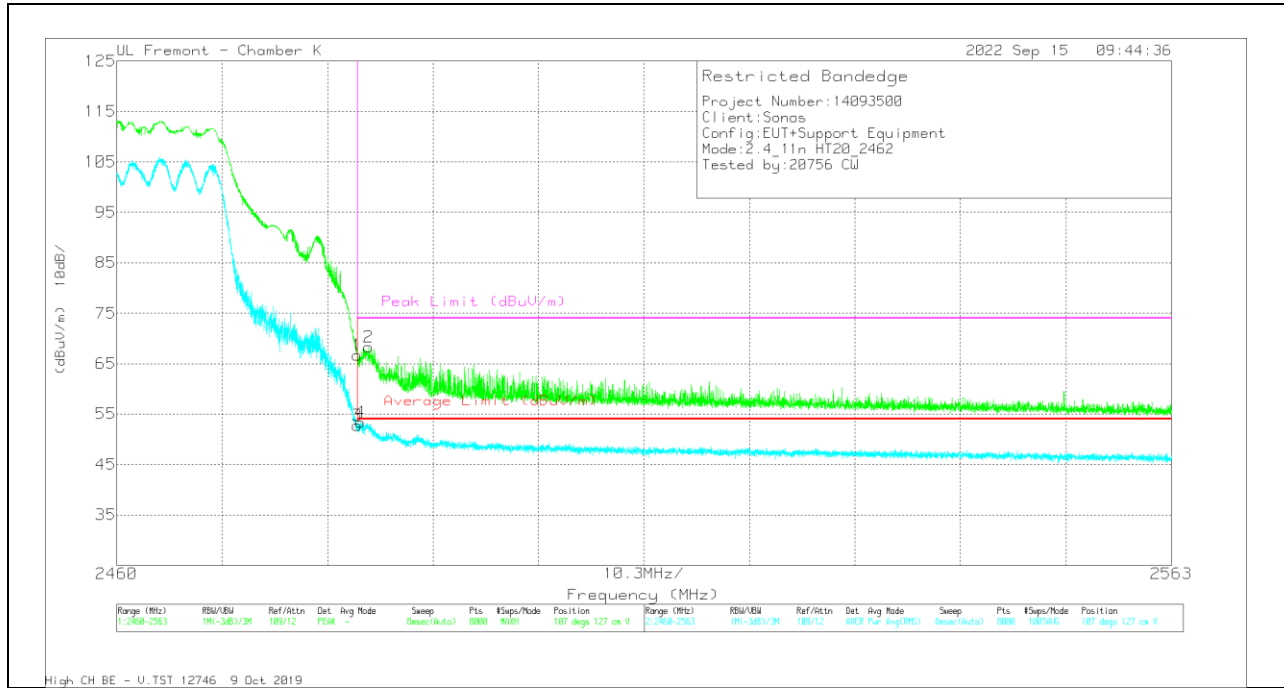
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	Amp/Cb/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	40.88	Pk	32.5	-11.3	0	62.08	-	-	74	-11.92	191	102	H
2	* 2483.513	41.86	Pk	32.5	-11.3	0	63.06	-	-	74	-10.94	191	102	H
3	* 2483.5	25.05	RMS	32.5	-11.3	1.69	47.94	54	-6.06	-	-	191	102	H
4	* 2484.711	26.45	RMS	32.5	-11.3	1.69	49.34	54	-4.66	-	-	191	102	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	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	* 2483.5	45.42	Pk	32.5	-11.3	0	66.62	-	-	74	-7.38	107	127	V
2	* 2484.621	47.1	Pk	32.5	-11.3	0	68.3	-	-	74	-5.7	107	127	V
3	* 2483.5	29.9	RMS	32.5	-11.3	1.69	52.79	54	-1.21	-	-	107	127	V
4	* 2483.797	30.45	RMS	32.5	-11.3	1.69	53.34	54	-0.66	-	-	107	127	V

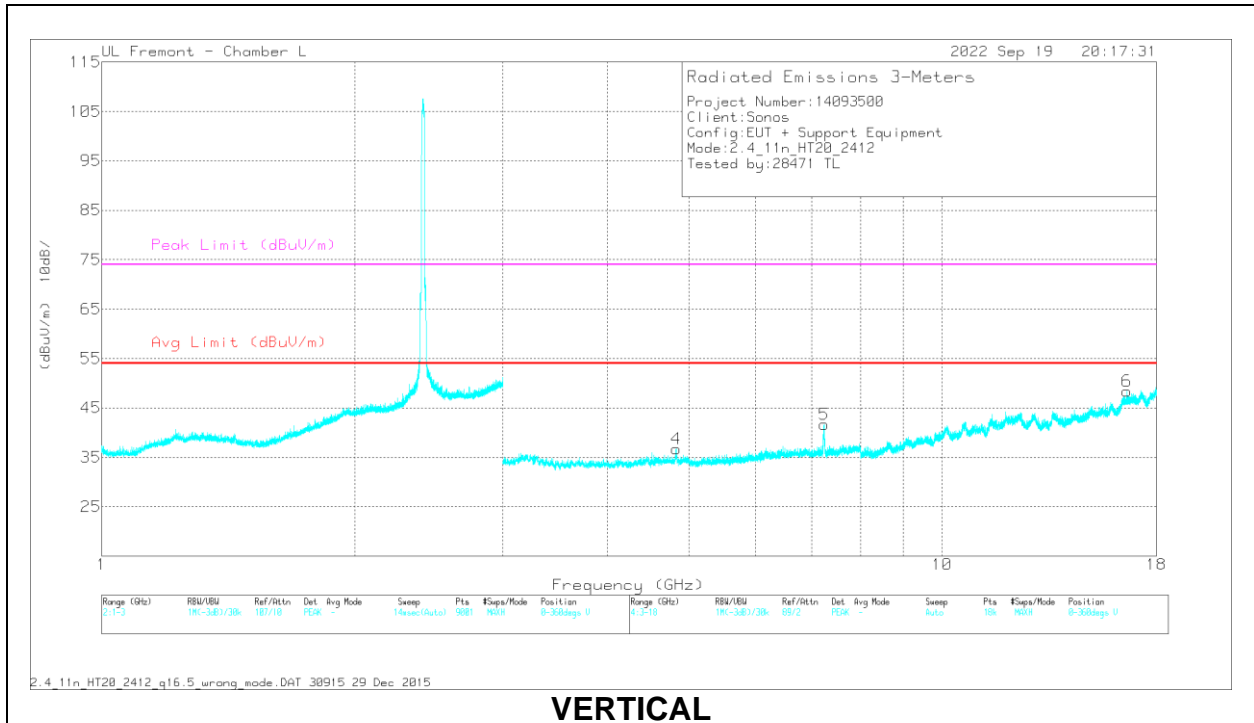
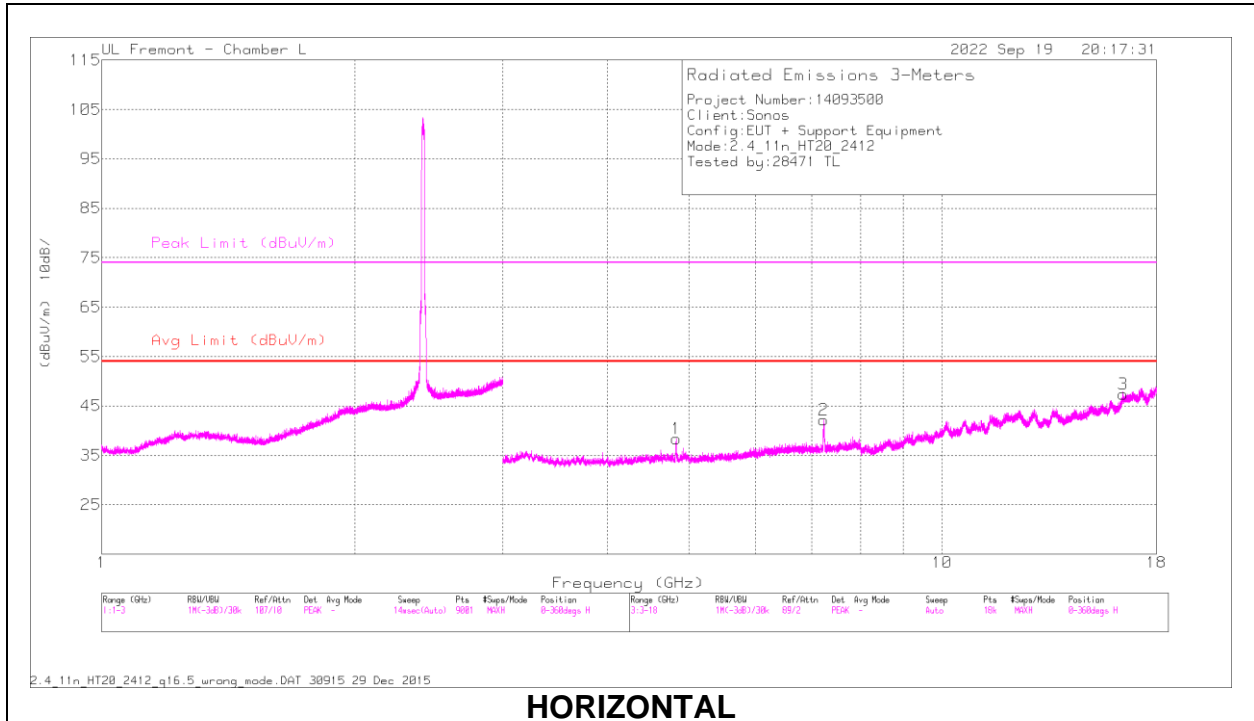
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

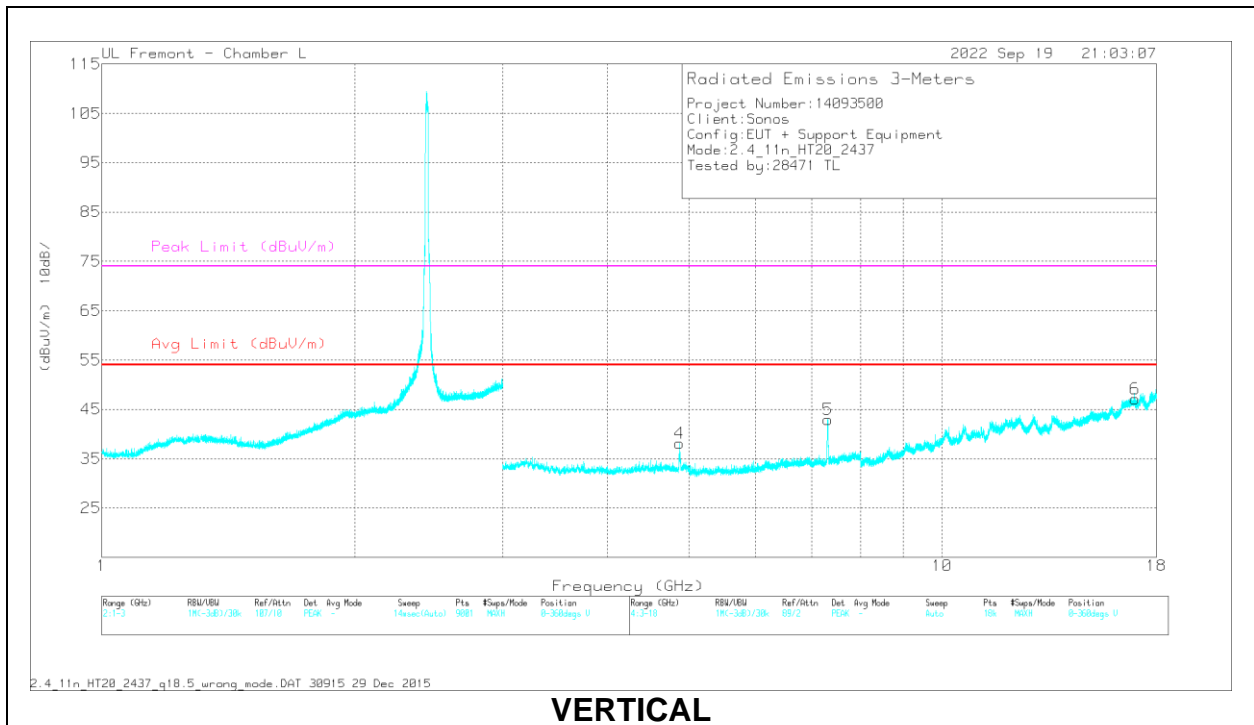
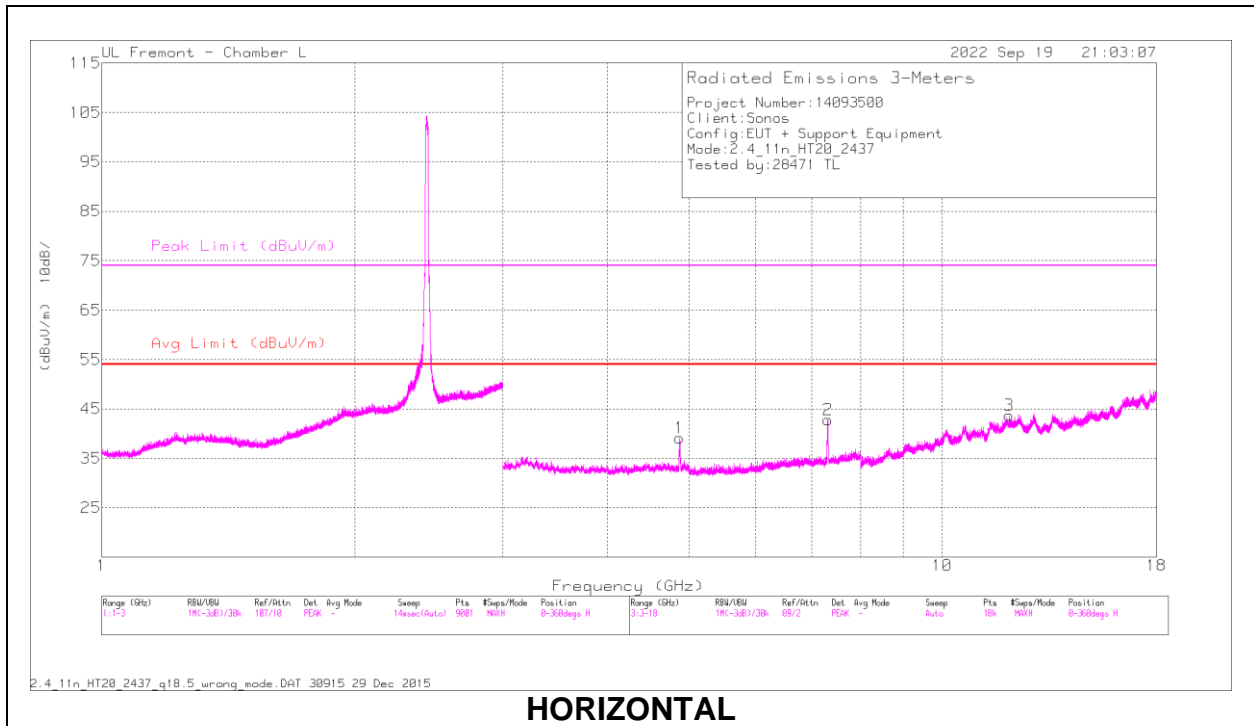
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Filtr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*4.832849	41.39	PK2	34.1	-26.5	0	48.99	-	-	74	-25.01	38	148	H
	*4.82234	27.12	MAv1	34.1	-26.5	1.69	36.41	54	-17.59	-	-	38	148	H
2	7.231918	41.87	PK2	35.9	-23.2	0	54.57	-	-	-	-	256	104	H
3	16.419778	30.8	PK2	41.7	-16.4	0	56.1	-	-	-	-	89	101	H
4	*4.826729	40	PK2	34.1	-26.5	0	47.6	-	-	74	-26.4	161	108	V
	*4.824182	26.67	MAv1	34.1	-26.5	1.69	35.96	54	-18.04	-	-	161	108	V
5	7.239556	41.33	PK2	35.9	-23.2	0	54.03	-	-	-	-	280	112	V
6	16.601324	30.47	PK2	42.1	-15.9	0	56.67	-	-	-	-	170	124	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

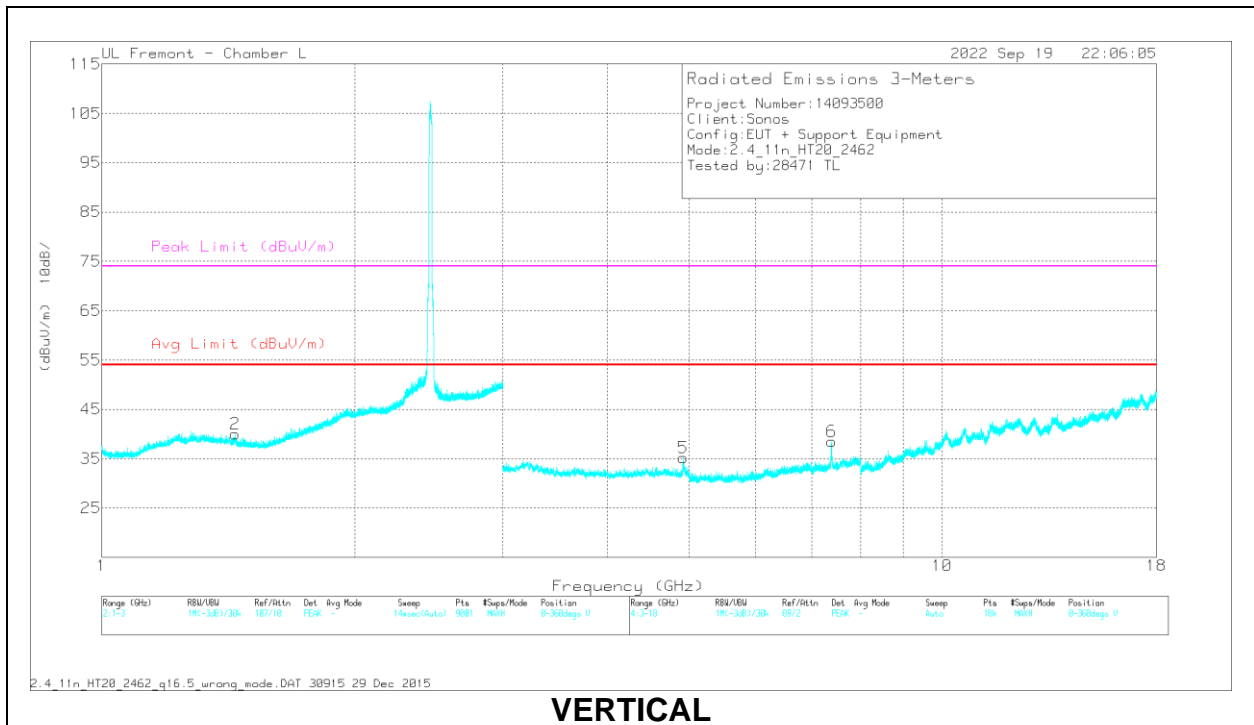
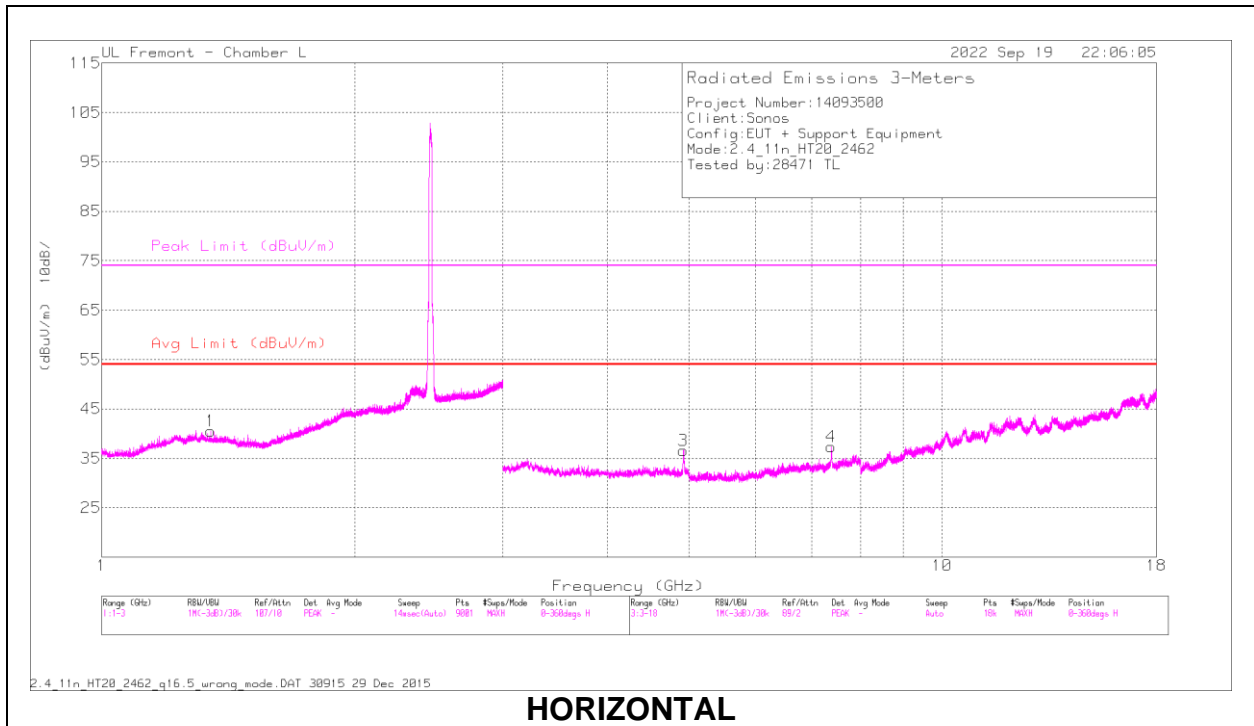
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/CbI/Fitr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*4.874432	45.26	PK2	34.2	-26.4	0	53.06	-	-	74	-20.94	44	179	H
	*4.874462	29.83	MAv1	34.2	-26.4	1.69	39.32	54	-14.68	-	-	44	179	H
2	*7.314582	42.96	PK2	35.9	-22.8	0	56.06	-	-	74	-17.94	302	177	H
	*7.313264	28.34	MAv1	35.9	-22.8	1.69	43.13	54	-10.87	-	-	302	177	H
3	*12.0221	30.43	PK2	39.4	-18	0	51.83	-	-	74	-22.17	112	136	H
	*12.022419	19.16	MAv1	39.4	-18	1.69	42.25	54	-11.75	-	-	112	136	H
4	*4.874377	43.14	PK2	34.2	-26.4	0	50.94	-	-	74	-23.06	313	172	V
	*4.871936	27.49	MAv1	34.2	-26.5	1.69	36.88	54	-17.12	-	-	313	172	V
5	*7.317948	41.55	PK2	35.9	-22.7	0	54.75	-	-	74	-19.25	279	105	V
	*7.318443	26.38	MAv1	35.9	-22.7	1.69	41.27	54	-12.73	-	-	279	105	V
6	16.970695	30.19	PK2	42.3	-15.9	0	56.59	-	-	-	-	338	146	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	*1.348053	37.21	PK2	29.4	-16.3	0	50.31	-	-	74	-23.69	87	332	H
	*1.346583	24.58	MAv1	29.4	-16.3	1.69	39.37	54	-14.63	-	-	87	332	H
2	*1.440239	52.31	PK2	28.4	-16	0	64.71	-	-	74	-9.29	266	112	V
	*1.441046	26.2	MAv1	28.4	-16	1.69	40.29	54	-13.71	-	-	266	112	V
3	*4.924396	43.39	PK2	34.2	-25.6	0	51.99	-	-	74	-22.01	46	170	H
	*4.924372	27.31	MAv1	34.2	-25.6	1.69	37.6	54	-16.4	-	-	46	170	H
4	*7.385715	38.15	PK2	35.9	-22.4	0	51.65	-	-	74	-22.35	307	178	H
	*7.385899	24.49	MAv1	35.9	-22.4	1.69	39.68	54	-14.32	-	-	307	178	H
5	*4.92163	40.76	PK2	34.3	-25.6	0	49.46	-	-	74	-24.54	124	303	V
	*4.921391	26.44	MAv1	34.3	-25.6	1.69	36.83	54	-17.17	-	-	124	303	V
6	*7.391181	39.48	PK2	35.9	-22.3	0	53.08	-	-	74	-20.92	130	389	V
	*7.391329	24.97	MAv1	35.9	-22.3	1.69	40.26	54	-13.74	-	-	130	389	V

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

PK2 - KDB558074 Method: Maximum Peak

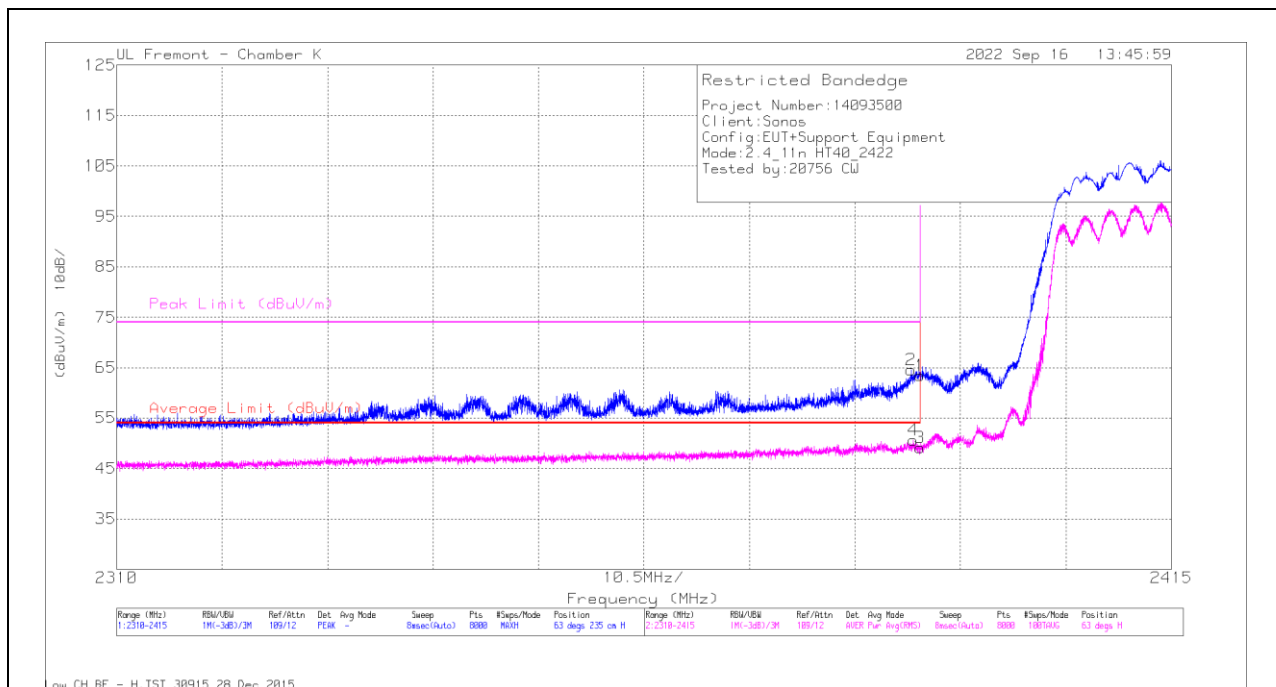
MAv1 - KDB558074 Option 1 Maximum RMS Average

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

2TX Antenna 1 + Antenna 3 CDD MODE

BANDEDGE (LOW CHANNEL, CH 3)

HORIZONTAL RESULT



Trace Markers

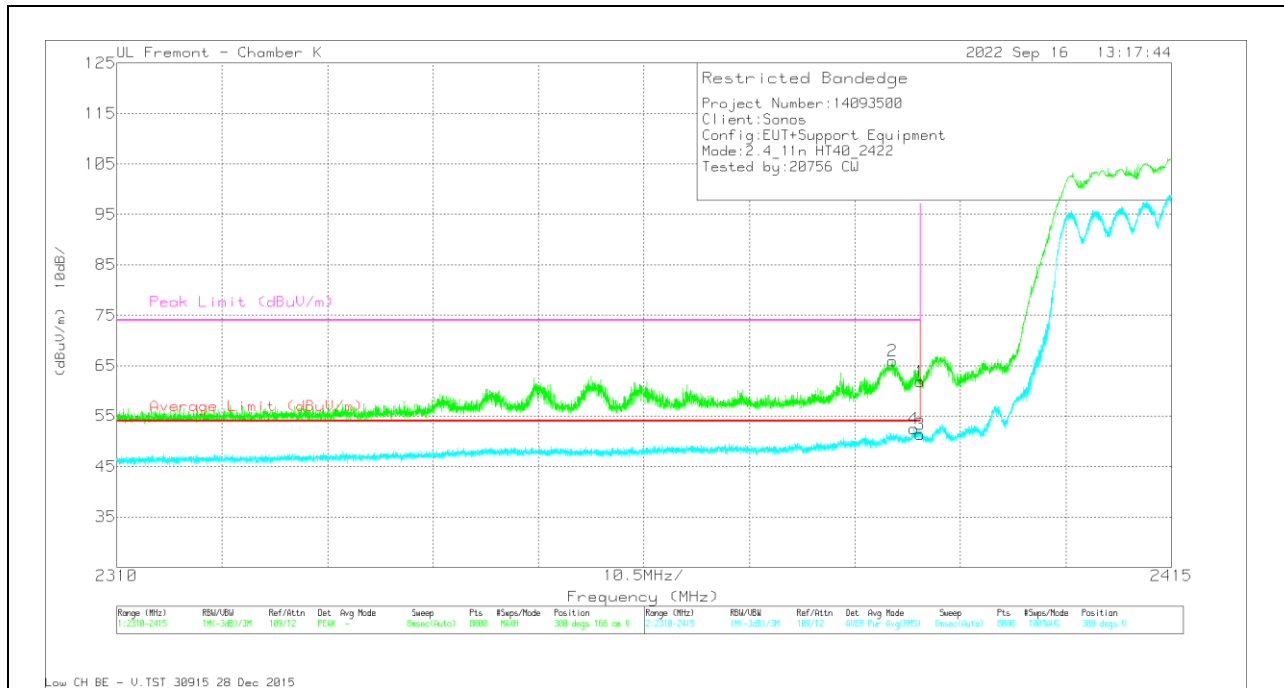
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	42.69	Pk	32.5	-11.7	0	63.49	-	-	74	-10.51	63	235	H
2	* 2389.077	43.82	Pk	32.5	-11.7	0	64.62	-	-	74	-9.38	63	235	H
3	* 2390	25.33	RMS	32.5	-11.7	2.96	49.09	54	-4.91	-	-	63	235	H
4	* 2389.313	26.82	RMS	32.5	-11.7	2.96	50.58	54	-3.42	-	-	63	235	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	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	* 2390	41.05	Pk	32.5	-11.7	0	61.85	-	-	74	-12.15	300	166	V
2	* 2387.266	45.17	Pk	32.5	-11.7	0	65.97	-	-	74	-8.03	300	166	V
3	* 2390	27.55	RMS	32.5	-11.7	2.96	51.31	54	-2.69	-	-	300	166	V
4	* 2389.353	28.72	RMS	32.5	-11.7	2.96	52.48	54	-1.52	-	-	300	166	V

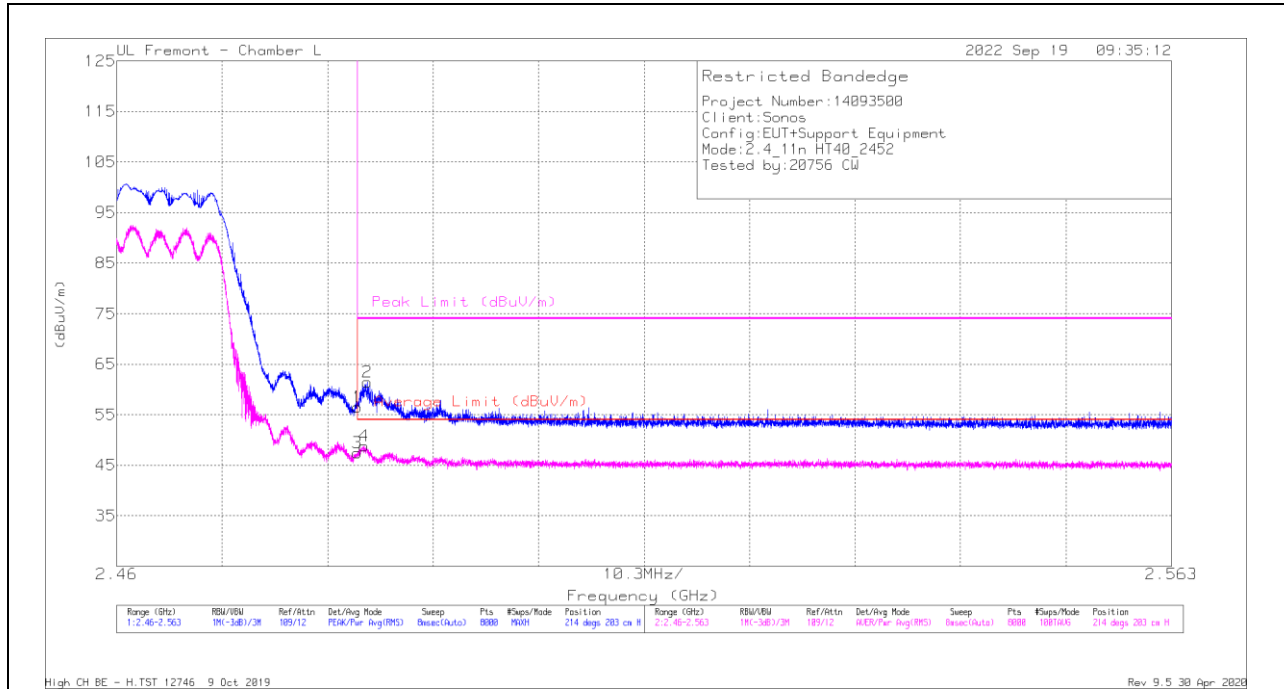
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 9)

HORIZONTAL RESULT

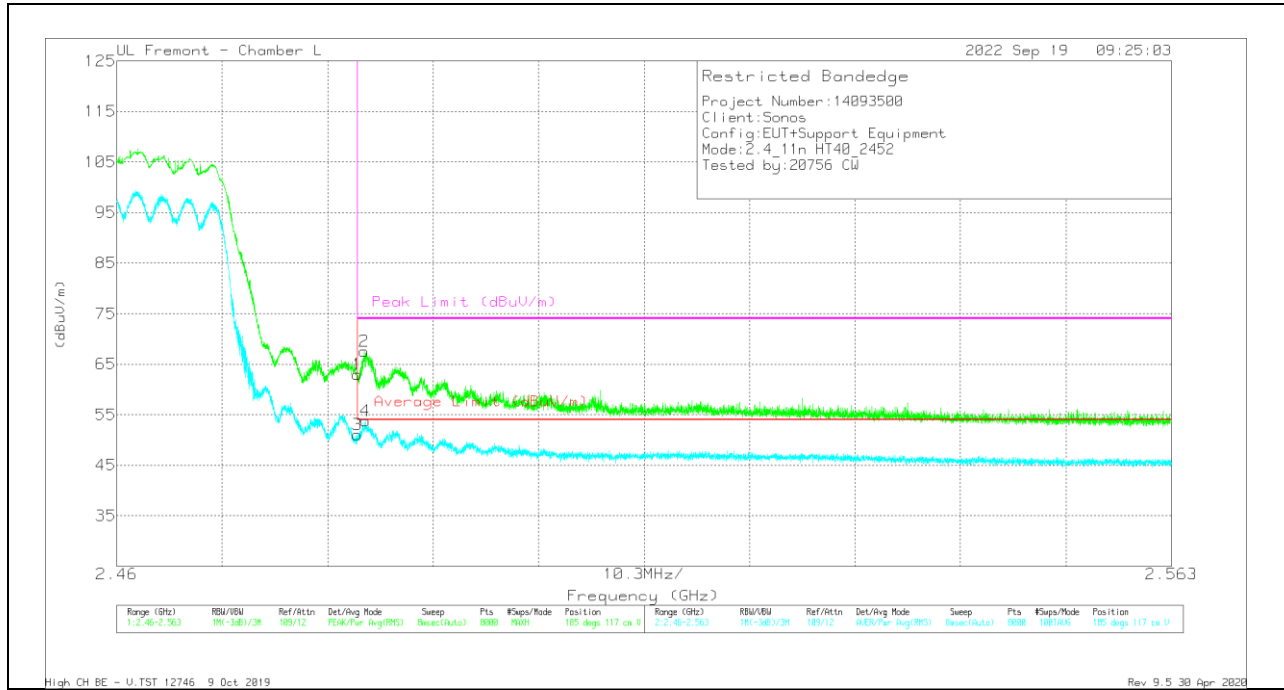


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/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	36.8	Pk	32.2	-12.5	0	56.5	-	-	74	-17.5	214	203	H
2	* 2.48448	41.79	Pk	32.2	-12.5	0	61.49	-	-	74	-12.51	214	203	H
3	* 2.4835	24.82	RMS	32.2	-12.5	2.96	47.48	54	-6.52	-	-	214	203	H
4	* 2.48416	26.19	RMS	32.2	-12.5	2.96	48.85	54	-5.15	-	-	214	203	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	43.21	Pk	32.2	-12.5	0	62.91	-	-	74	-11.09	185	117	V
2	* 2.48417	47.89	Pk	32.2	-12.5	0	67.59	-	-	74	-6.41	185	117	V
3	* 2.4835	28.35	RMS	32.2	-12.5	2.96	51.01	54	-2.99	-	-	185	117	V
4	* 2.4843	31.07	RMS	32.2	-12.5	2.96	53.73	54	-2.27	-	-	185	117	V

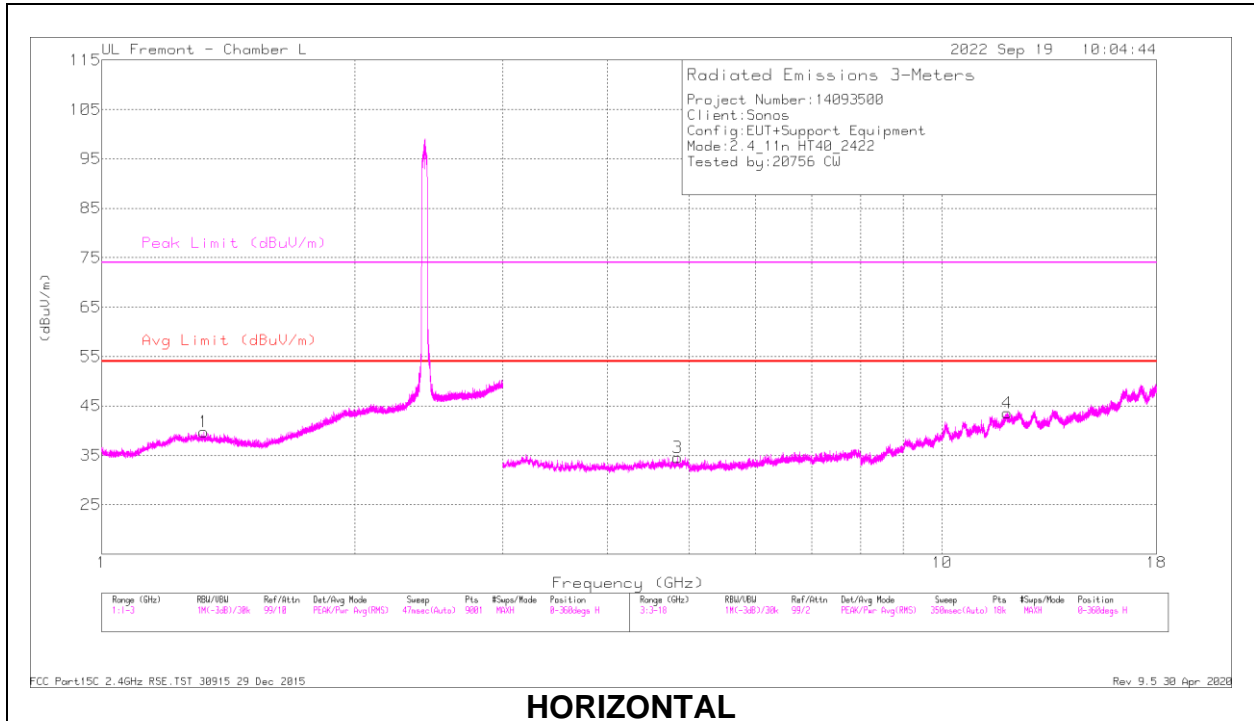
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

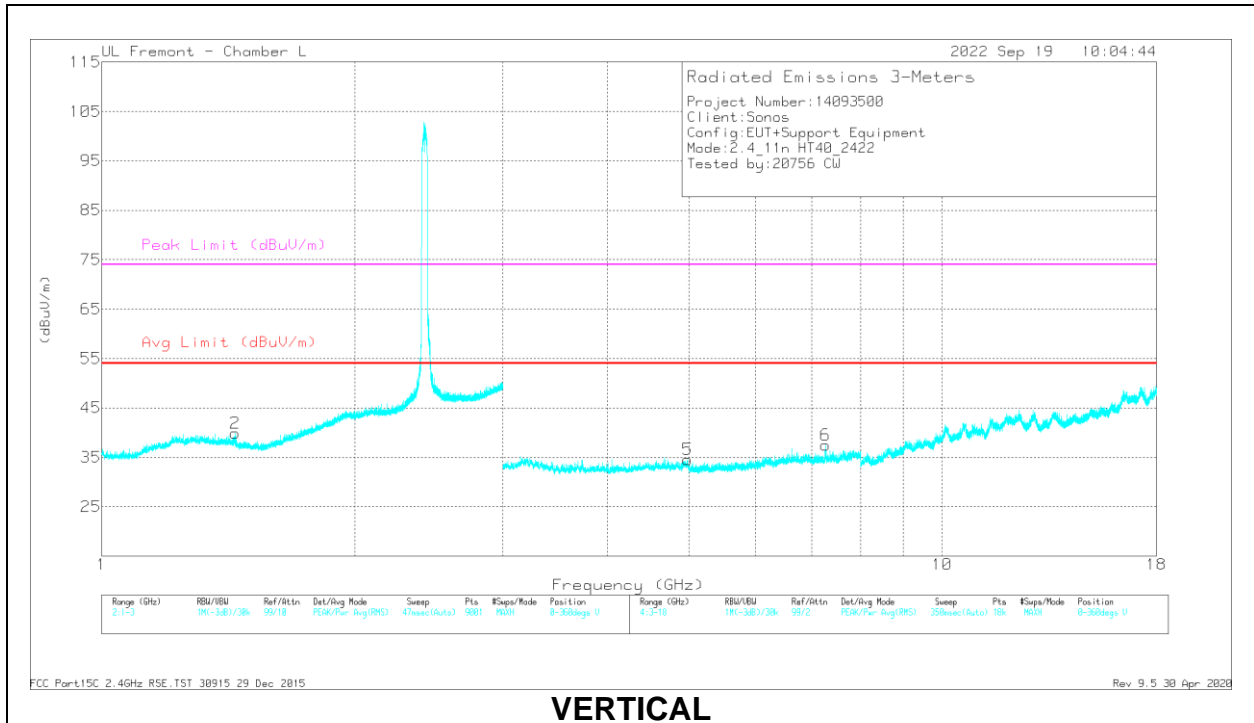
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 3 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

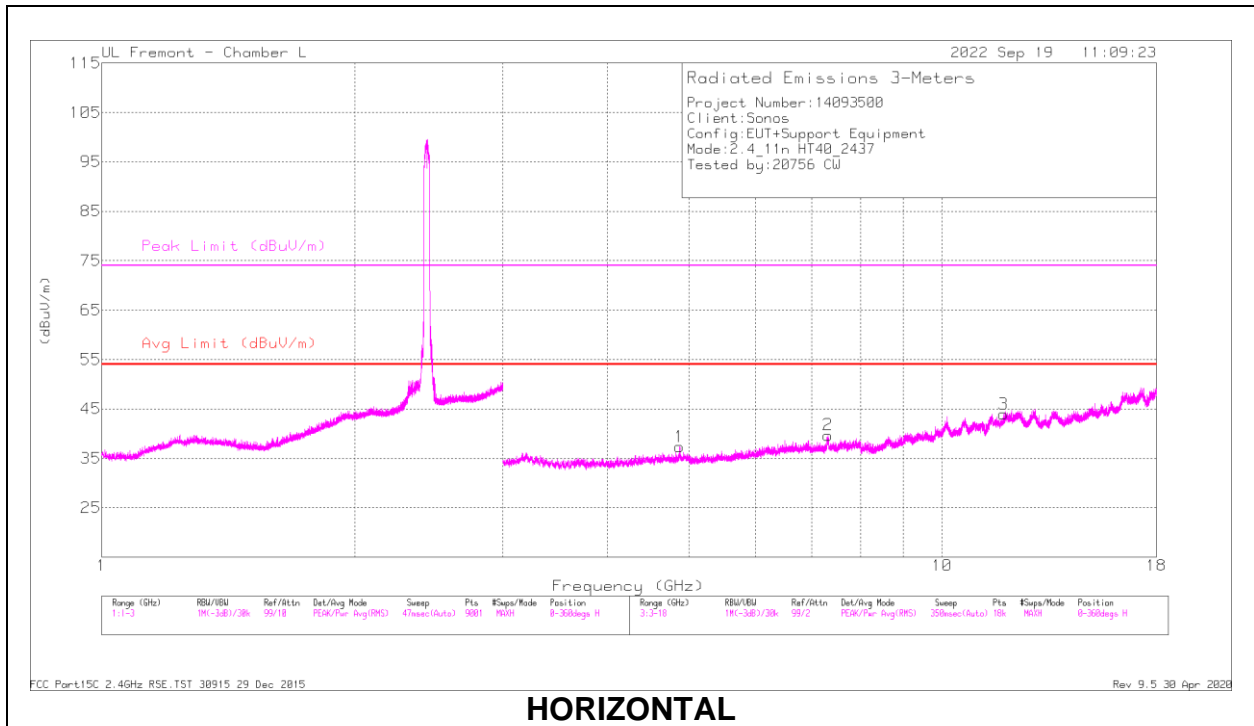
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.32175	34.2	PK2	29.7	-16.4	0	47.5	-	-	74	-26.5	258	234	H
	* 1.32271	23.99	MAv1	29.7	-16.4	2.96	40.25	54	-13.75	-	-	258	234	H
2	* 1.43886	38.24	PK2	28.4	-16	0	50.64	-	-	74	-23.36	255	107	V
	* 1.44009	24.76	MAv1	28.4	-16	2.96	40.12	54	-13.88	-	-	255	107	V
3	* 4.84499	36	PK2	34.2	-26.7	0	43.5	-	-	74	-30.5	43	214	H
	* 4.84451	25.17	MAv1	34.2	-26.7	2.96	35.63	54	-18.37	-	-	43	214	H
4	* 11.95976	29.77	PK2	39.3	-17.6	0	51.47	-	-	74	-22.53	173	192	H
	* 11.95767	19.55	MAv1	39.3	-17.6	2.96	44.21	54	-9.79	-	-	173	192	H
5	* 4.98048	36.04	PK2	34.2	-25.7	0	44.54	-	-	74	-29.46	360	102	V
	* 4.97987	25.18	MAv1	34.3	-25.7	2.96	36.74	54	-17.26	-	-	360	102	V
6	* 7.26669	36.13	PK2	35.9	-23.3	0	48.73	-	-	74	-25.27	133	214	V
	* 7.26656	25.27	MAv1	35.9	-23.3	2.96	40.83	54	-13.17	-	-	133	214	V

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

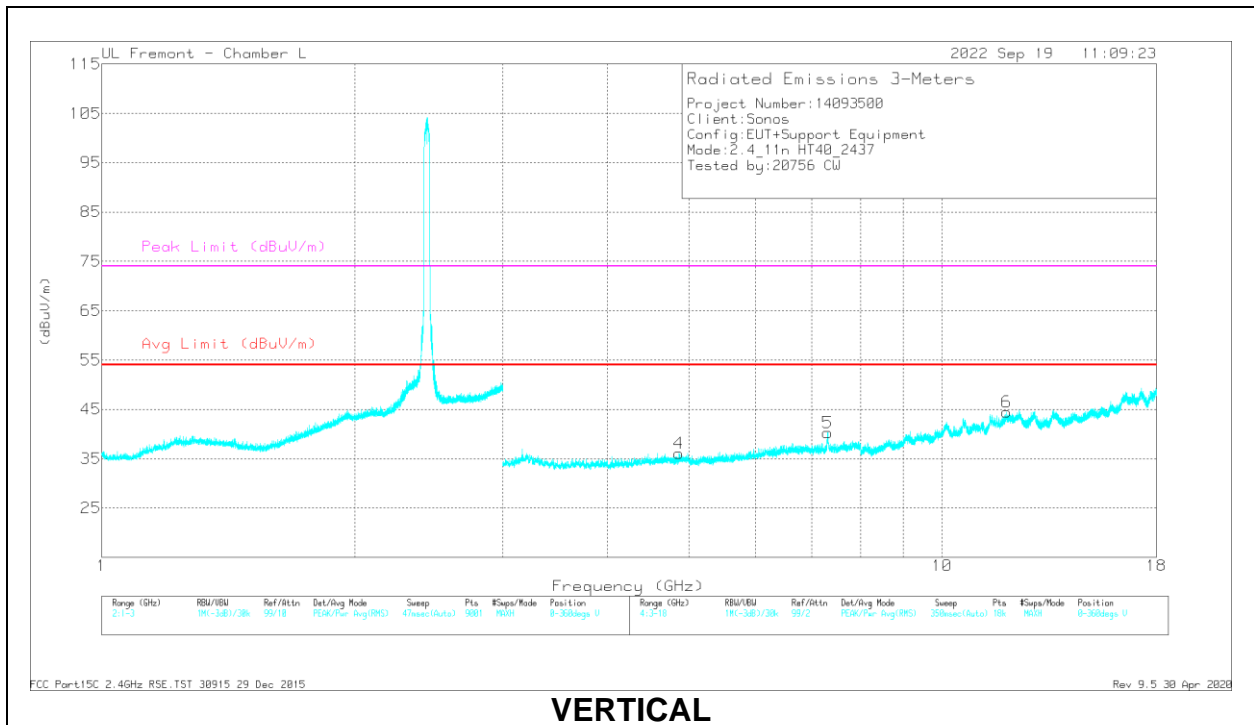
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

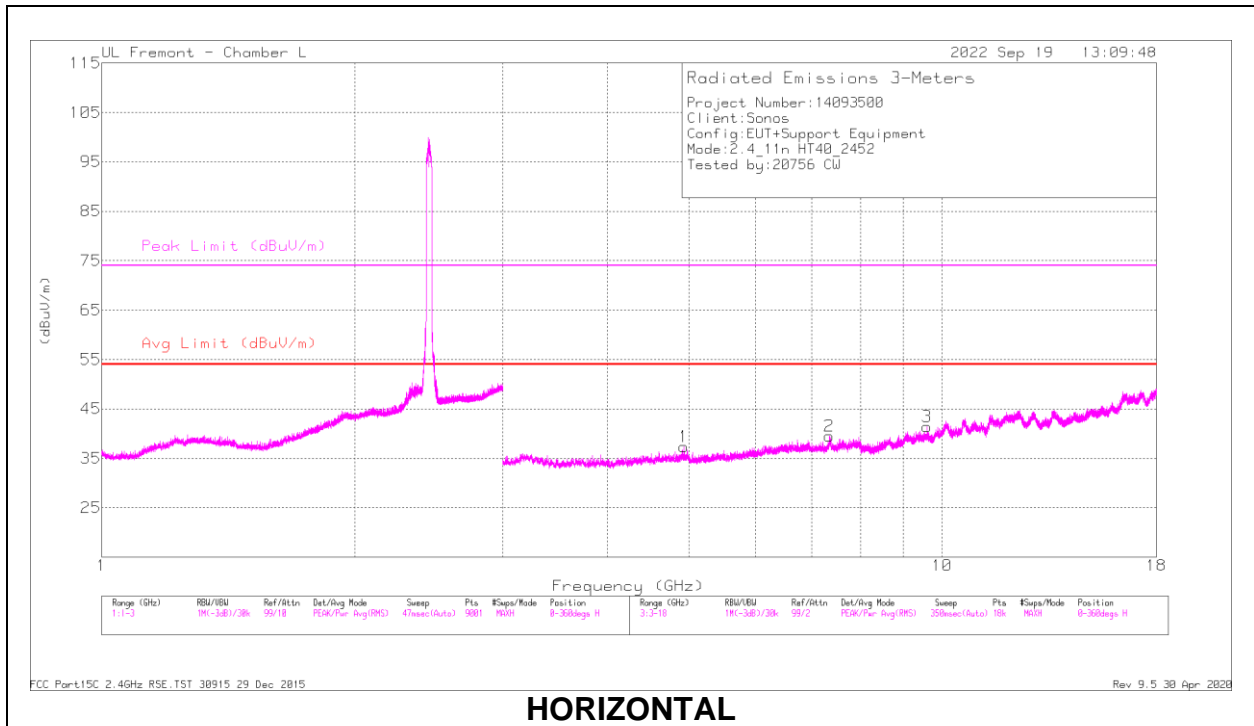
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Filtr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.87407	41.53	PK2	34.2	-26.4	0	49.33	-	-	74	-24.67	48	185	H
	* 4.87447	25.1	MAv1	34.2	-26.4	2.96	35.86	54	-18.14	-	-	48	185	H
2	* 7.3176	36.7	PK2	35.9	-22.7	0	49.9	-	-	74	-24.1	301	204	H
	* 7.3176	22.62	MAv1	35.9	-22.7	2.96	38.78	54	-15.22	-	-	301	204	H
3	* 11.82866	29.62	PK2	39.1	-17.8	0	50.92	-	-	74	-23.08	23	159	H
	* 11.83157	19.16	MAv1	39.1	-17.8	2.96	43.42	54	-10.58	-	-	23	159	H
4	* 4.86176	36.49	PK2	34.2	-26.7	0	43.99	-	-	74	-30.01	166	115	V
	* 4.85977	26.39	MAv1	34.2	-26.7	2.96	36.85	54	-17.15	-	-	166	115	V
5	* 7.31057	37.64	PK2	35.9	-22.9	0	50.64	-	-	74	-23.36	277	108	V
	* 7.3132	25.12	MAv1	35.9	-22.8	2.96	41.18	54	-12.82	-	-	277	108	V
6	* 11.94096	29.63	PK2	39.3	-17.5	0	51.43	-	-	74	-22.57	87	119	V
	* 11.9431	19.46	MAv1	39.2	-17.6	2.96	44.02	54	-9.98	-	-	87	119	V

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

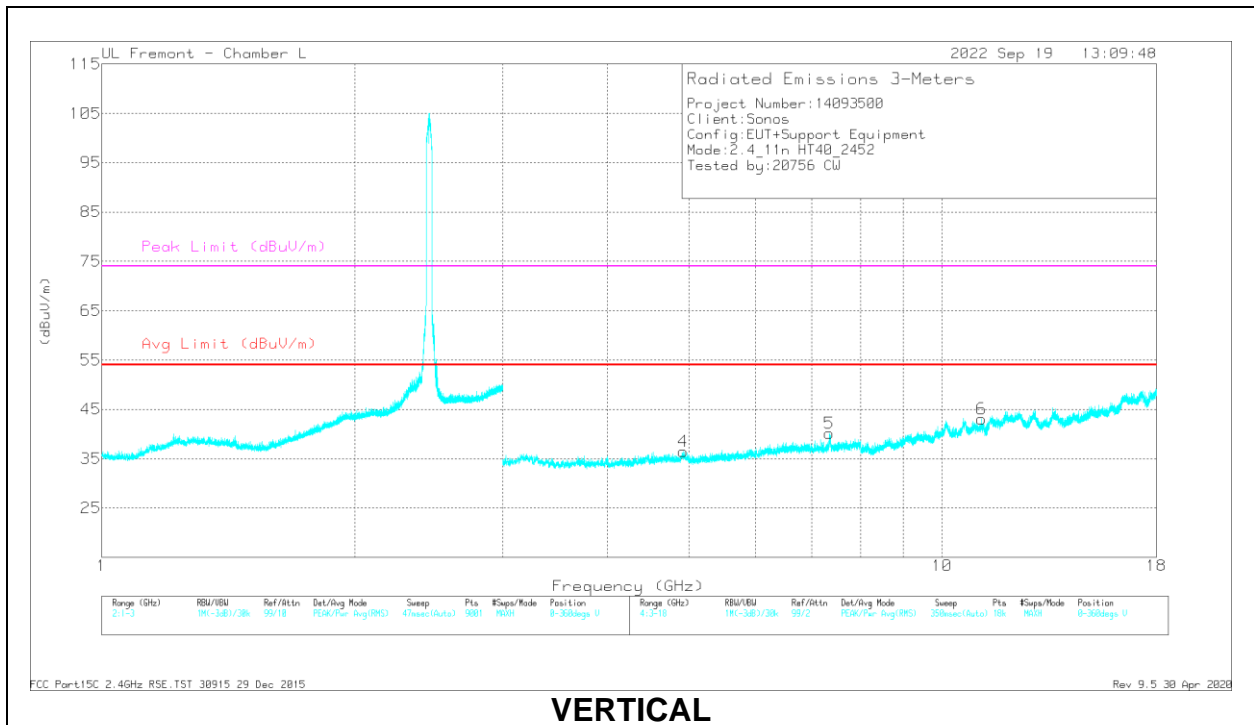
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 9 RESULTS



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	* 4.92703	35.71	PK2	34.3	-25.5	0	44.51	-	-	74	-29.49	190	107	H
	* 4.92853	24.69	MAv1	34.2	-25.4	2.96	36.45	54	-17.55	-	-	190	107	H
2	* 7.34591	35.69	PK2	36	-22.4	0	49.29	-	-	74	-24.71	176	105	H
	* 7.34595	22.87	MAv1	36	-22.4	2.96	39.43	54	-14.57	-	-	176	105	H
3	9.60675	29.97	PK2	36.9	-18.3	0	48.57	-	-	-	-	302	120	H
4	* 4.91894	33.74	PK2	34.2	-25.6	0	42.34	-	-	74	-31.66	350	131	V
	* 4.92252	23.57	MAv1	34.3	-25.6	2.96	35.23	54	-18.77	-	-	350	131	V
5	* 7.34883	33.34	PK2	36	-22.4	0	46.94	-	-	74	-27.06	141	130	V
	* 7.3502	20.94	MAv1	36	-22.5	2.96	37.4	54	-16.6	-	-	141	130	V
6	* 11.14842	27.67	PK2	38.2	-16.3	0	49.57	-	-	74	-24.43	327	107	V
	* 11.14692	17.22	MAv1	38.2	-16.3	2.96	42.08	54	-11.92	-	-	327	107	V

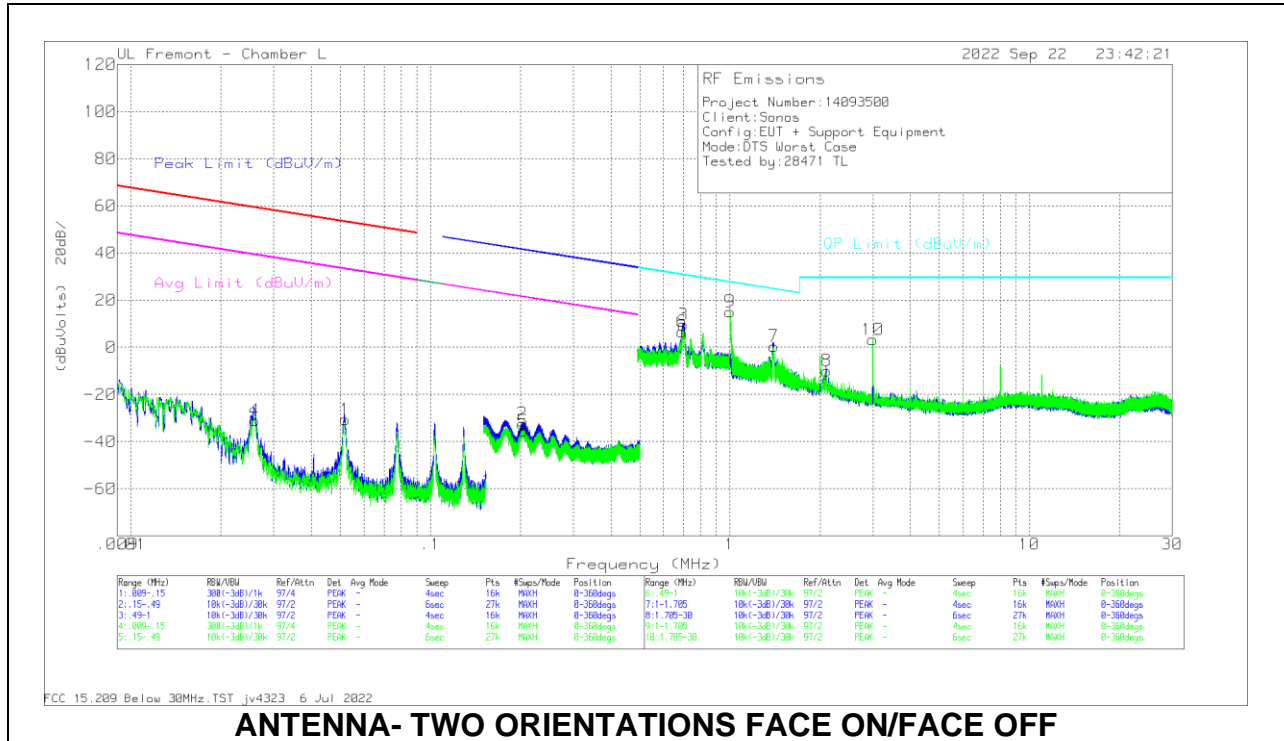
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

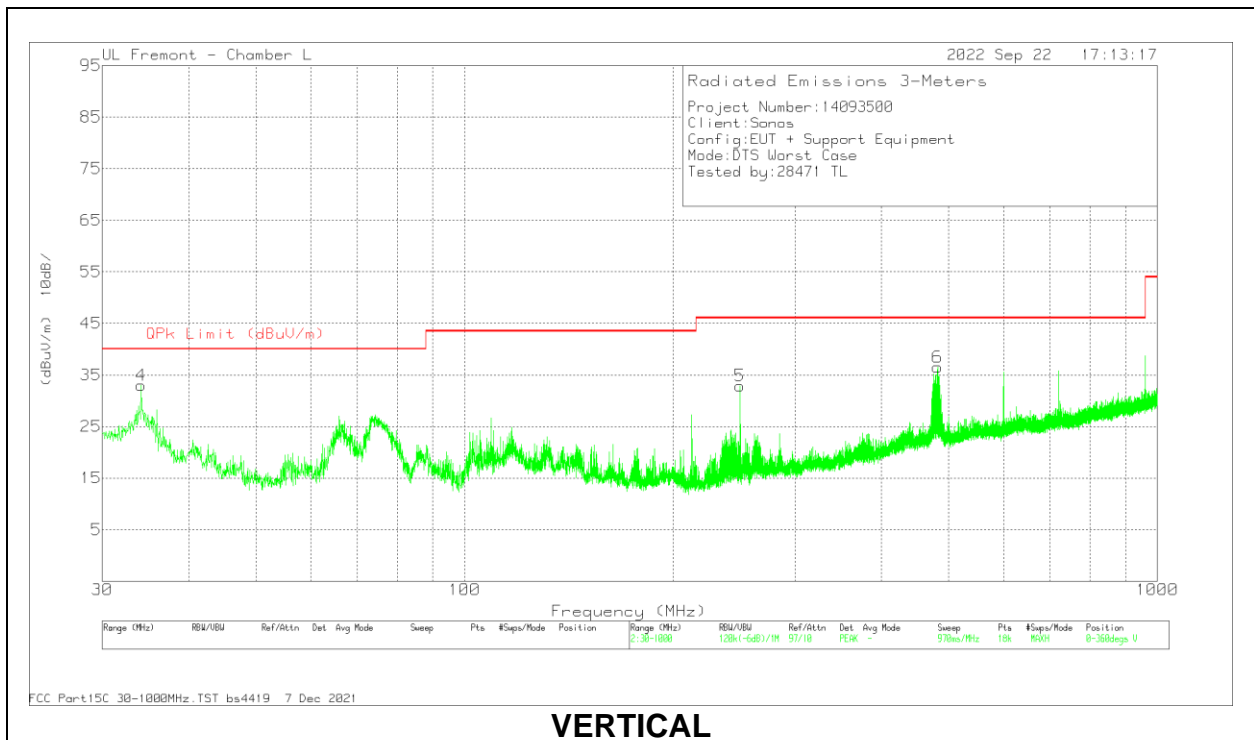
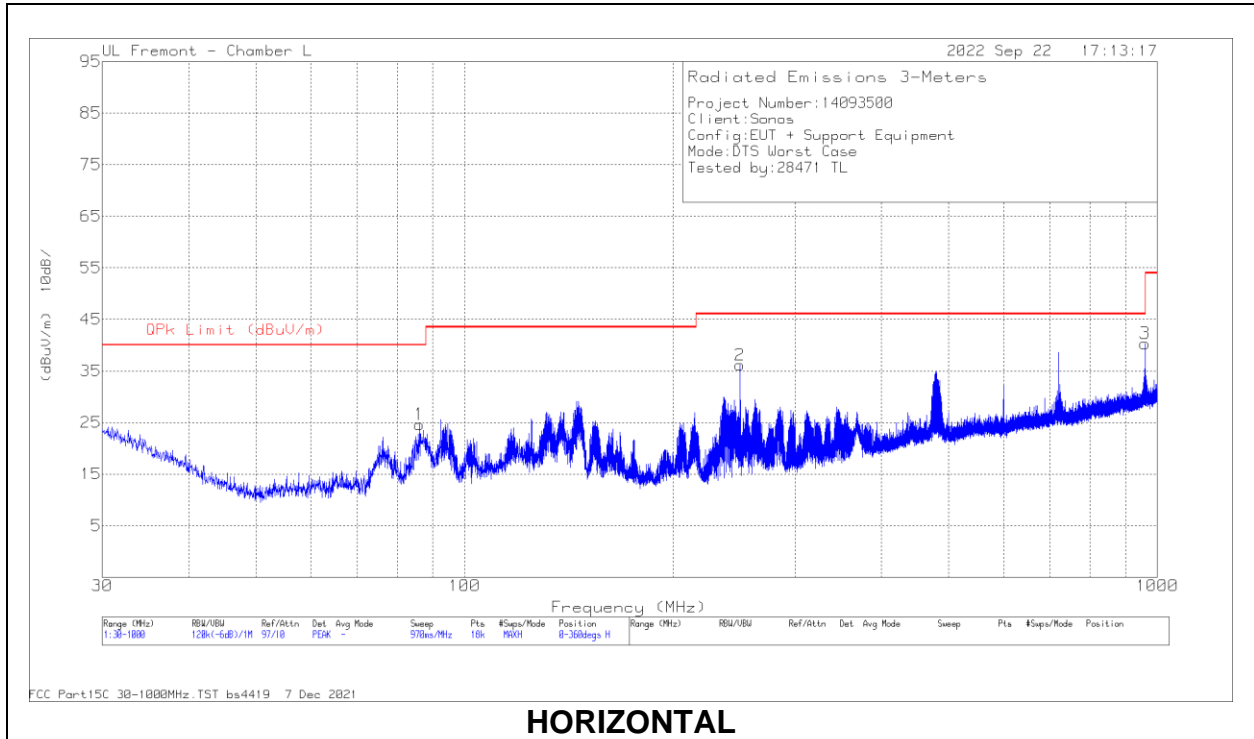
Below 30MHz Data

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)	Azimuth (Degs)	Loop Angle
1	.0519	24.34	Pk	56.9	-31.9	-80	-30.66	53.29	-83.95	33.29	-63.95	-	-	0-360	0 degs
2	.2032	23.37	Pk	56.2	-32	-80	-32.43	41.46	-73.89	21.46	-53.89	-	-	0-360	0 degs
4	.0259	22.04	Pk	58.3	-31.4	-80	-31.06	59.32	-90.38	39.32	-70.38	-	-	0-360	90 degs
5	.2039	20.14	Pk	56.2	-32	-80	-35.66	41.43	-77.09	21.43	-57.09	-	-	0-360	90 degs
3	.6987	25.31	Pk	56.2	-31.9	-40	9.61	-	-	-	-	30.73	-21.12	0-360	90 degs
6	.6922	22.36	Pk	56.2	-31.9	-40	6.66	-	-	-	-	30.81	-24.15	0-360	0 degs
7	1.4017	27.56	Pk	44.8	-31.9	-40	.46	-	-	-	-	24.7	-24.24	0-360	0 degs
8	2.1011	20.54	Pk	41.4	-31.9	-40	-9.96	-	-	-	-	29.5	-39.46	0-360	0 degs
9	1.0014	40.09	Pk	46.9	-31.9	-40	15.09	-	-	-	-	27.61	-12.52	0-360	90 degs
10	2.9993	36.26	Pk	38.8	-31.8	-40	3.26	-	-	-	-	29.5	-26.24	0-360	90 degs

Pk - Peak detector

10.3. WORST CASE BELOW 1 GHZ

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



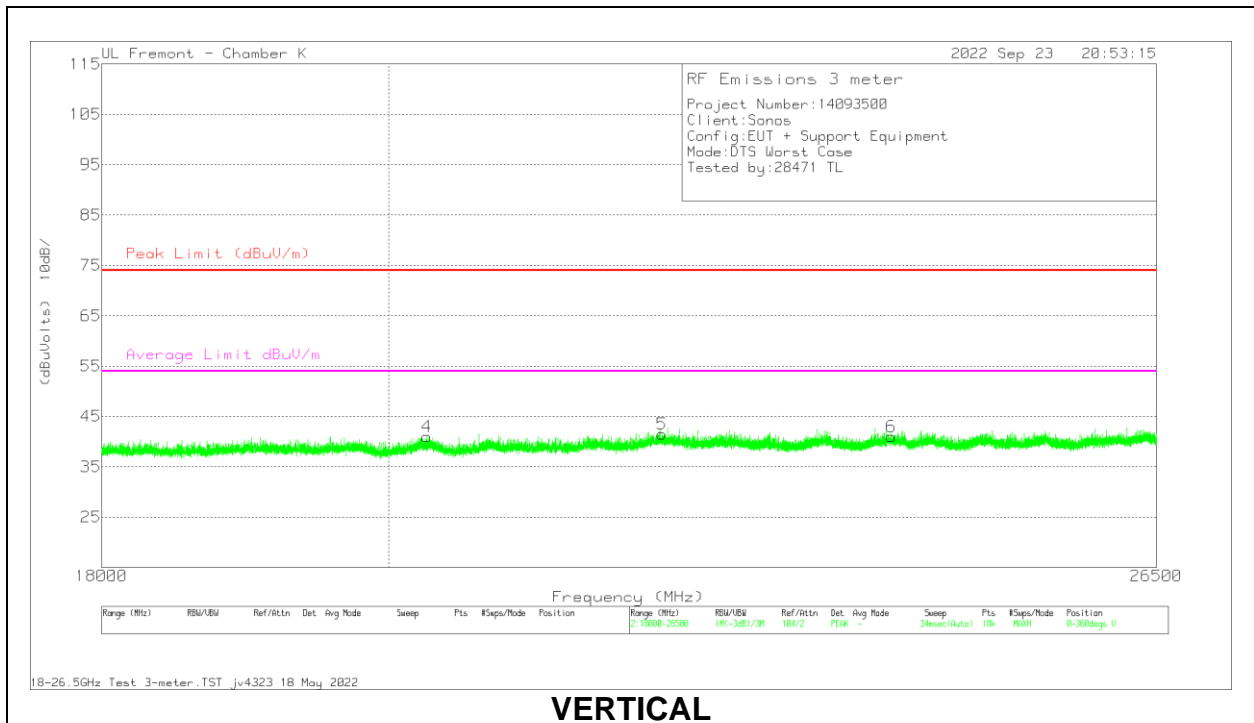
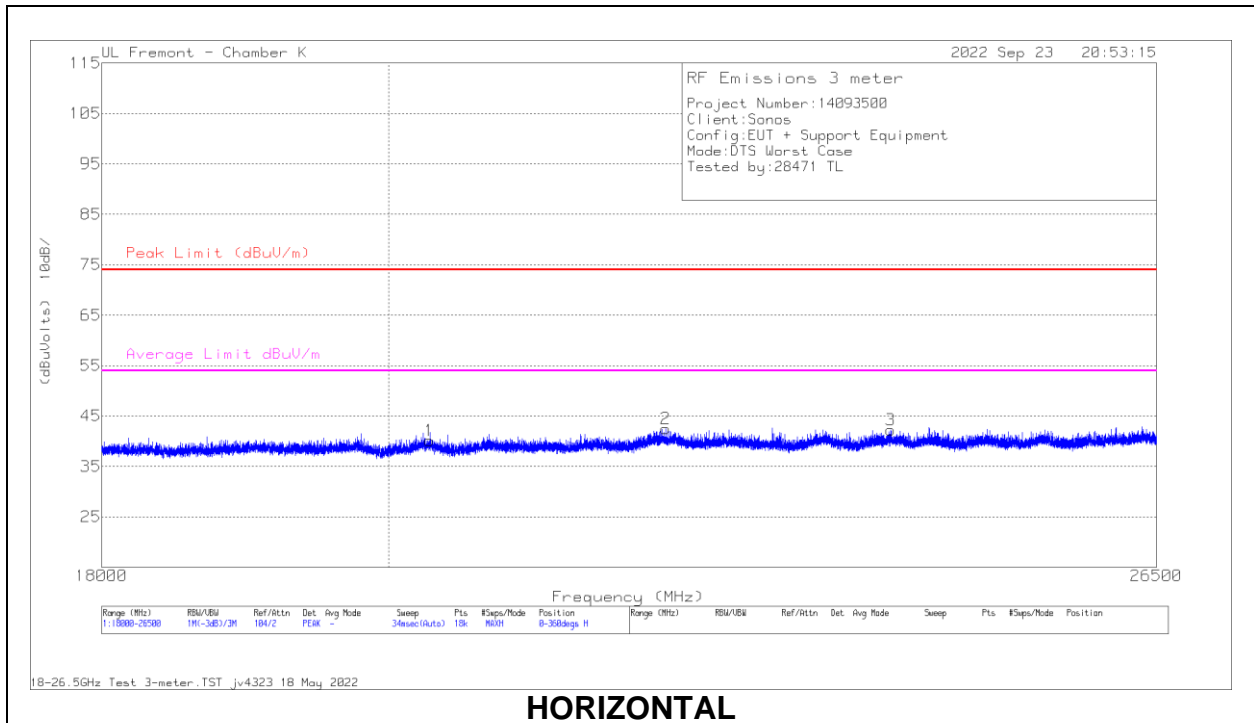
Below 1GHz Data

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	86.0985	42.33	Pk	13.1	-30.8	24.63	40	-15.37	0-360	197	H
2	249.975	48.54	Pk	17.3	-29.7	36.14	46.02	-9.88	0-360	99	H
3	960.016	38.14	Pk	28.8	-26.6	40.34	53.97	-13.63	0-360	99	H
4	34.1495	40.46	Pk	23.8	-31.3	32.96	40	-7.04	0-360	99	V
5	249.975	45.28	Pk	17.3	-29.7	32.88	46.02	-13.14	0-360	99	V
6	481.805	41.82	Pk	23.5	-28.8	36.52	46.02	-9.5	0-360	99	V

Pk - Peak detector

10.4. WORST CASE 18-26 GHZ

SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION)



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	* 20299.721	48.5	Pk	33	-60	18.6	40.1	74	-33.9	54	-13.9	0-360	200	H
2	* 22134.304	50.35	Pk	33.5	-60.8	19.4	42.45	74	-31.55	54	-11.55	0-360	200	H
3	24040.664	49.29	Pk	34	-61.2	20.2	42.29	74	-31.71	54	-11.71	0-360	200	H
4	* 20282.721	49.55	Pk	32.9	-60	18.6	41.05	74	-32.95	54	-12.95	0-360	100	V
5	* 22106.443	49.46	Pk	33.5	-60.8	19.4	41.56	74	-32.44	54	-12.44	0-360	200	V
6	24047.275	48.07	Pk	33.9	-61.2	20.2	40.97	74	-33.03	54	-13.03	0-360	200	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.

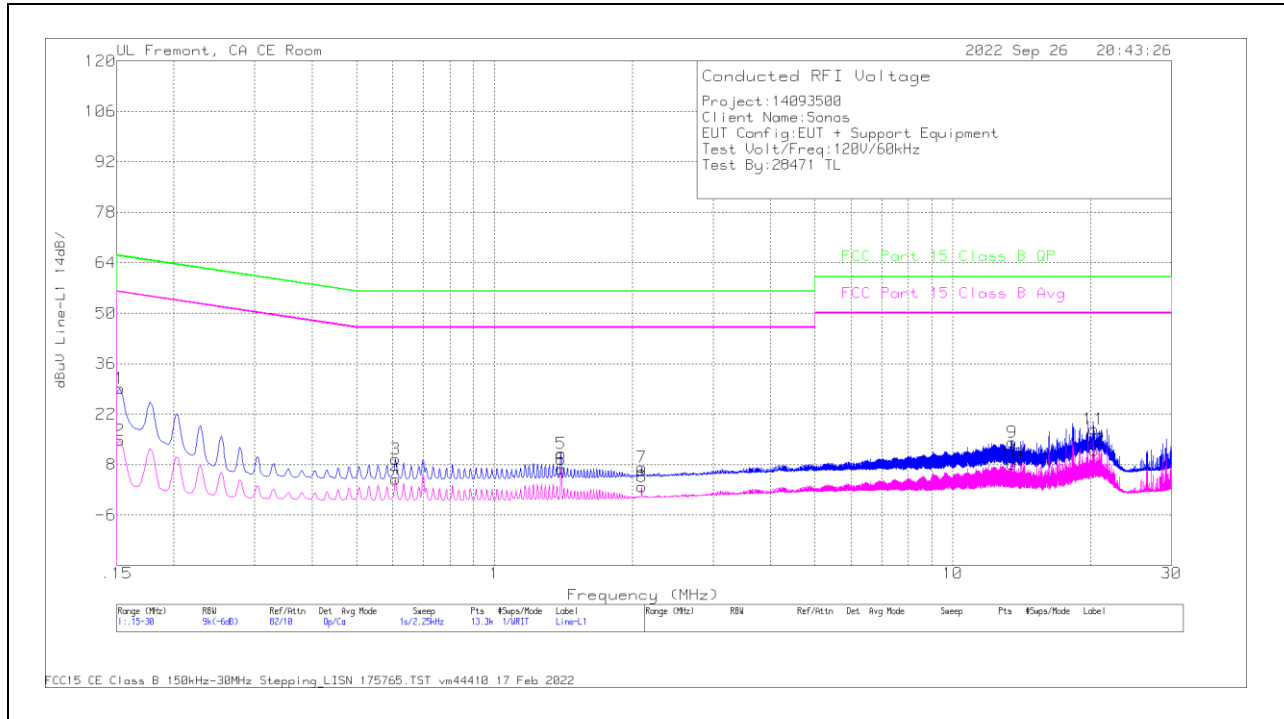
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

AC POWER LINE

LINE 1 RESULTSS



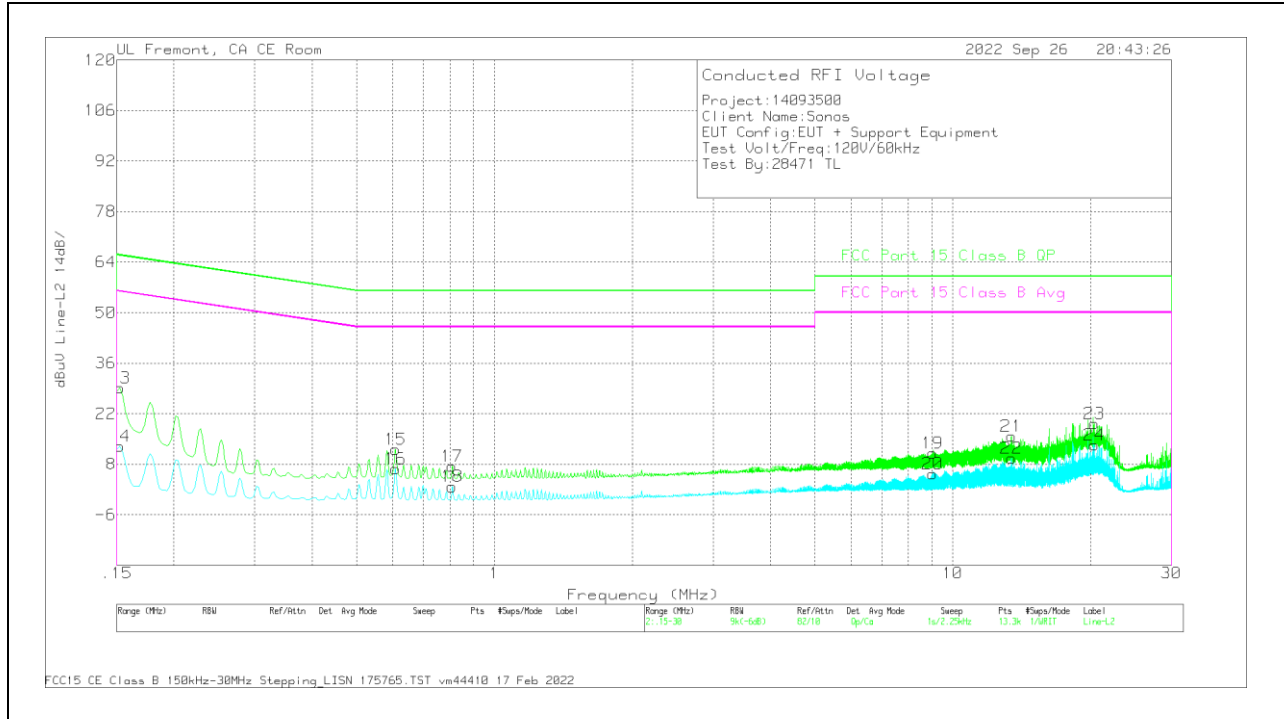
Trace Markers

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	.1523	5.22	Ca	.1	0	9.4	14.72	-	-	55.88	-41.16	
4	.609	-5.49	Ca	0	.1	9.3	3.91	-	-	46	-42.09	
6	1.3965	-2.75	Ca	0	.1	9.3	6.65	-	-	46	-39.35	
8	2.0963	-7.58	Ca	0	.1	9.3	1.82	-	-	46	-44.18	
10	13.479	-1.44	Ca	.1	.2	9.3	8.16	-	-	50	-41.84	
12	20.3809	2.12	Ca	.2	.3	9.4	12.02	-	-	50	-37.98	
1	.1523	19.59	Qp	.1	0	9.4	29.09	65.88	-36.79	-	-	
3	.609	.05	Qp	0	.1	9.3	9.45	56	-46.55	-	-	
5	1.3965	1.6	Qp	0	.1	9.3	11	56	-45	-	-	
7	2.0963	-2.11	Qp	0	.1	9.3	7.29	56	-48.71	-	-	
9	13.479	4.58	Qp	.1	.2	9.3	14.18	60	-45.82	-	-	
11	20.3213	7.89	Qp	.2	.3	9.4	17.79	60	-42.21	-	-	

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



Trace Markers

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	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	.1523	3.52	Ca	.1	0	9.4	13.02	-	-	55.88	-42.86
16	.609	-2.72	Ca	0	.1	9.3	6.68	-	-	46	-39.32
18	.8093	-7.63	Ca	0	.1	9.3	1.77	-	-	46	-44.23
20	9.0398	-4.1	Ca	0	.2	9.3	5.4	-	-	50	-44.6
22	13.4205	.07	Ca	.1	.2	9.3	9.67	-	-	50	-40.33
24	20.382	3.46	Ca	.1	.3	9.4	13.26	-	-	50	-36.74
13	.1523	19.7	Qp	.1	0	9.4	29.2	65.88	-36.68	-	-
15	.609	2.71	Qp	0	.1	9.3	12.11	56	-43.89	-	-
17	.8093	-1.96	Qp	0	.1	9.3	7.44	56	-48.56	-	-
19	9.042	1.57	Qp	0	.2	9.3	11.07	60	-48.93	-	-
21	13.4205	6.2	Qp	.1	.2	9.3	15.8	60	-44.2	-	-
23	20.382	9.36	Qp	.1	.3	9.4	19.16	60	-40.84	-	-

Qp - Quasi-Peak detector

Ca - CISPR average detection