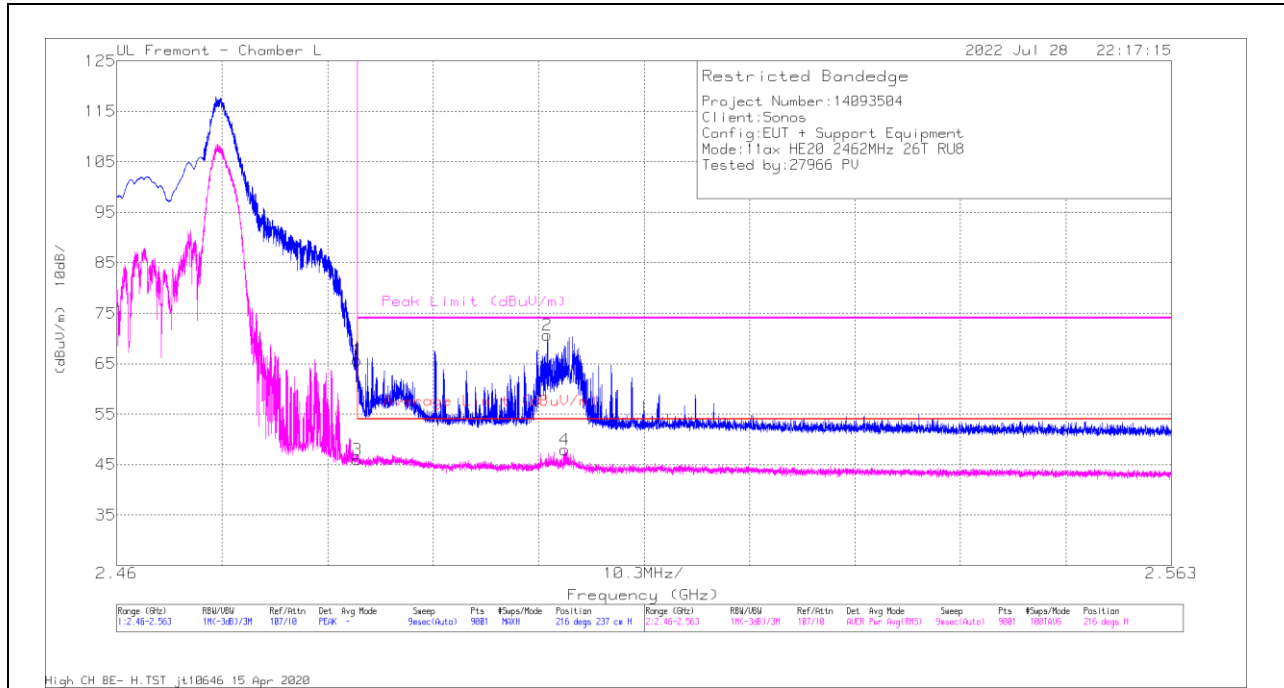


2TX Antenna 2 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 8

BANDEDGE (HIGH CHANNEL 11)

HORIZONTAL RESULT



Trace Markers

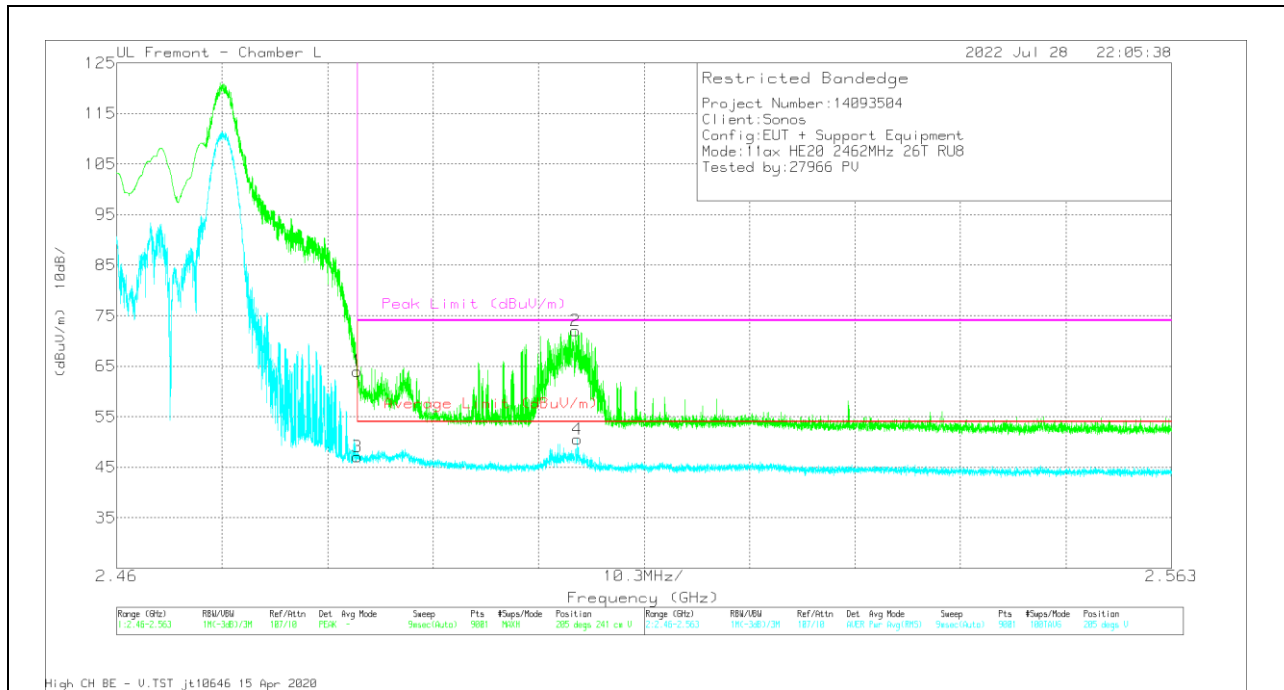
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	53.35	Pk	32.2	-19.9	0	65.65	-	-	74	-8.35	216	237	H
2	2.502068	58.34	Pk	32.2	-19.9	0	70.64	-	-	74	-3.36	216	237	H
3	* 2.4835	31.26	RMS	32.2	-19.9	2.38	45.94	54	-8.06	-	-	216	237	H
4	2.50375	33.26	RMS	32.2	-19.9	2.38	47.94	54	-6.06	-	-	216	237	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/CbI/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	51.71	Pk	32.2	-19.9	0	64.01	-	-	74	-9.99	205	241	V
2	2.50478	59.69	Pk	32.2	-19.9	0	71.99	-	-	74	-2.01	205	241	V
3	* 2.4835	32.44	RMS	32.2	-19.9	2.38	47.12	54	-6.88	-	-	205	241	V
4	2.504998	35.91	RMS	32.2	-19.9	2.38	50.59	54	-3.41	-	-	205	241	V

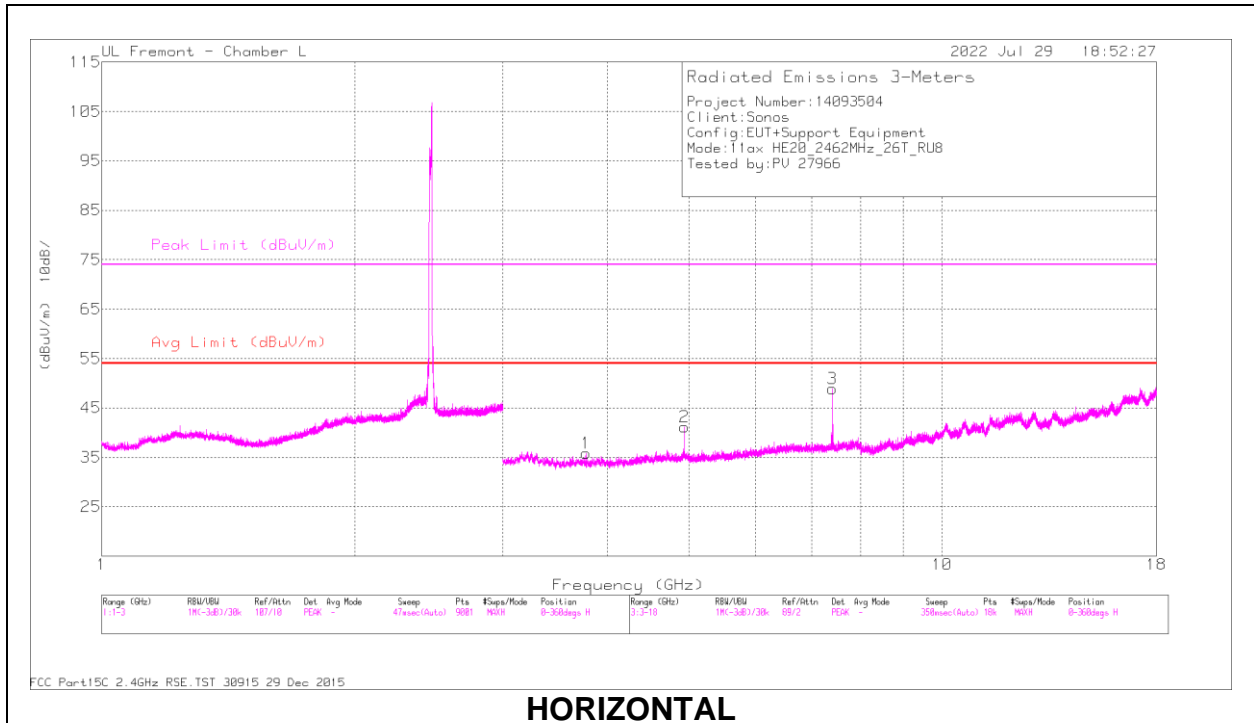
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

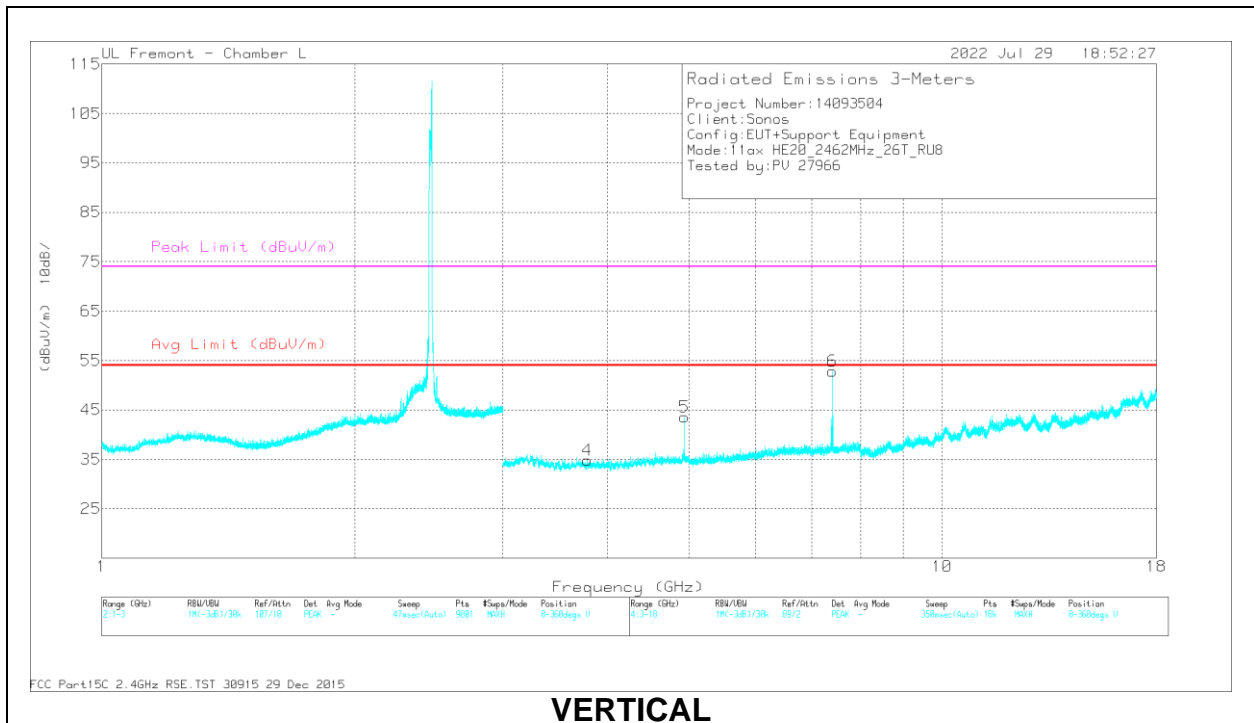
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL 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	* 3.766726	37.84	PK2	33.3	-27.9	0	43.24	-	-	74	-30.76	91	106	H
	* 3.768304	25.95	MAv1	33.3	-27.9	2.38	33.73	54	-20.27	-	-	91	106	H
2	* 4.940602	55.99	PK2	34.2	-25.3	0	64.89	-	-	74	-9.11	264	101	H
	* 4.941025	28.53	MAv1	34.2	-25.3	2.38	39.81	54	-14.19	-	-	264	101	H
3	* 7.411618	55.08	PK2	36	-22.3	0	68.78	-	-	74	-5.22	91	103	H
	* 7.411442	30.16	MAv1	36	-22.3	2.38	46.24	54	-7.76	-	-	91	103	H
4	* 3.785142	38.75	PK2	33.3	-28.1	0	43.95	-	-	74	-30.05	185	102	V
	* 3.786233	26.69	MAv1	33.3	-28.1	2.38	34.27	54	-19.73	-	-	185	102	V
5	* 4.940946	55.23	PK2	34.2	-25.3	0	64.13	-	-	74	-9.87	179	105	V
	* 4.94099	28.86	MAv1	34.2	-25.3	2.38	40.14	54	-13.86	-	-	179	105	V
6	* 7.411472	58.62	PK2	36	-22.3	0	72.32	-	-	74	-1.68	135	106	V
	* 7.411564	34.55	MAv1	36	-22.3	2.38	50.63	54	-3.37	-	-	135	106	V

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

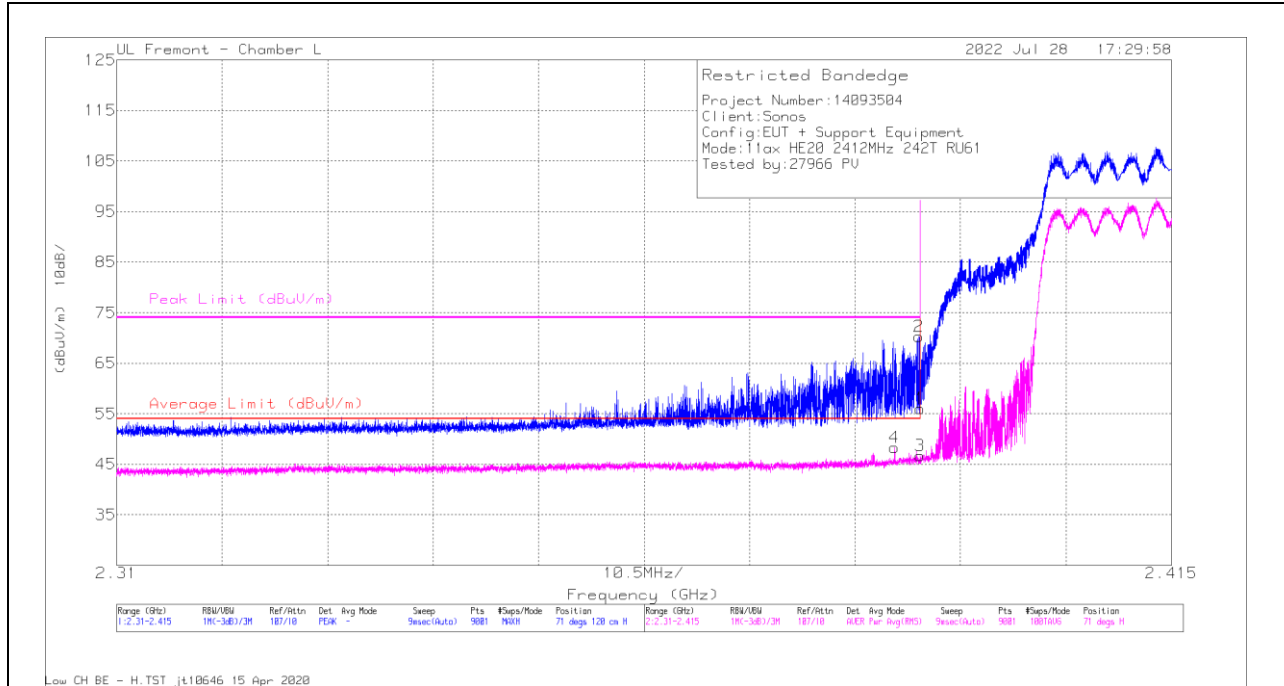
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

2TX Antenna 2 + Antenna 3 OFDMA MODE: 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL 1)

HORIZONTAL RESULT



Trace Markers

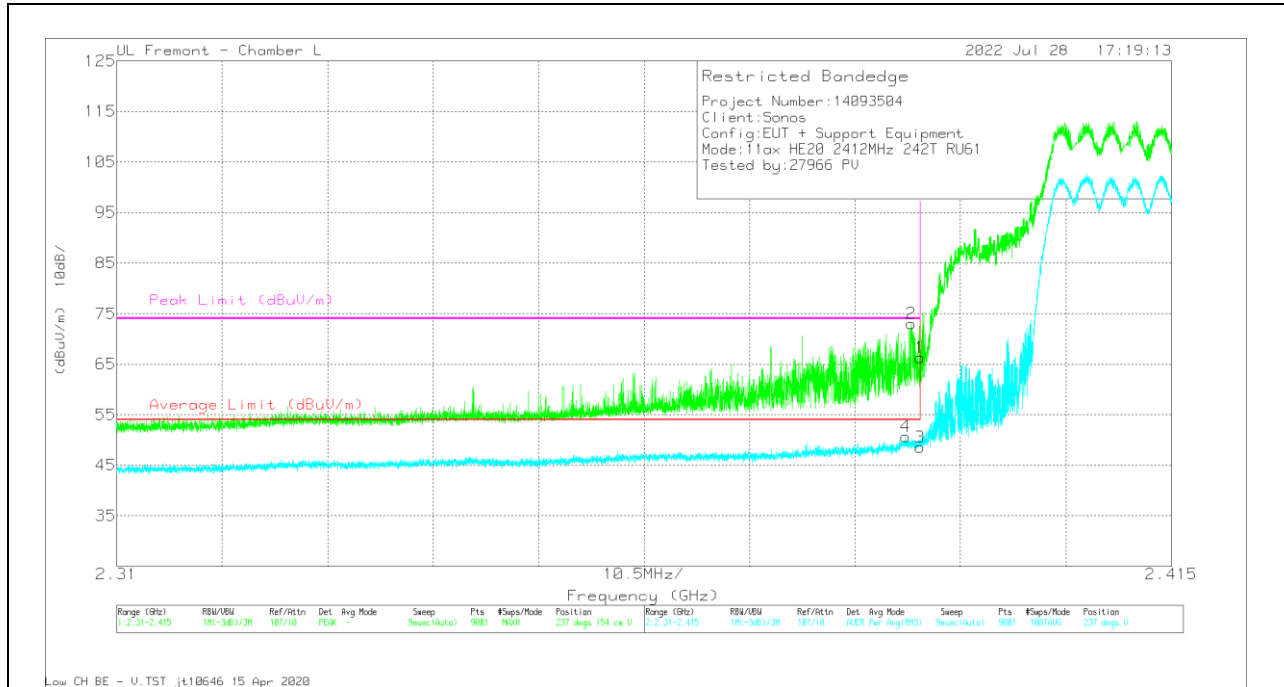
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.26	Pk	31.9	-20.1	0	56.06	-	-	74	-17.94	71	120	H
2	* 2.389849	58.51	Pk	31.9	-20.1	0	70.31	-	-	74	-3.69	71	120	H
3	* 2.39	31.97	RMS	31.9	-20.1	2.92	46.69	54	-7.31	-	-	71	120	H
4	* 2.387446	33.54	RMS	31.9	-20.1	2.92	48.26	54	-5.74	-	-	71	120	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	54.56	Pk	31.9	-20.1	0	66.36	-	-	74	-7.64	237	154	V
2	* 2.389091	61.16	Pk	31.9	-20.1	0	72.96	-	-	74	-1.04	237	154	V
3	* 2.39	33.78	RMS	31.9	-20.1	2.92	48.5	54	-5.5	-	-	237	154	V
4	* 2.388554	35.9	RMS	31.9	-20.1	2.92	50.62	54	-3.38	-	-	237	154	V

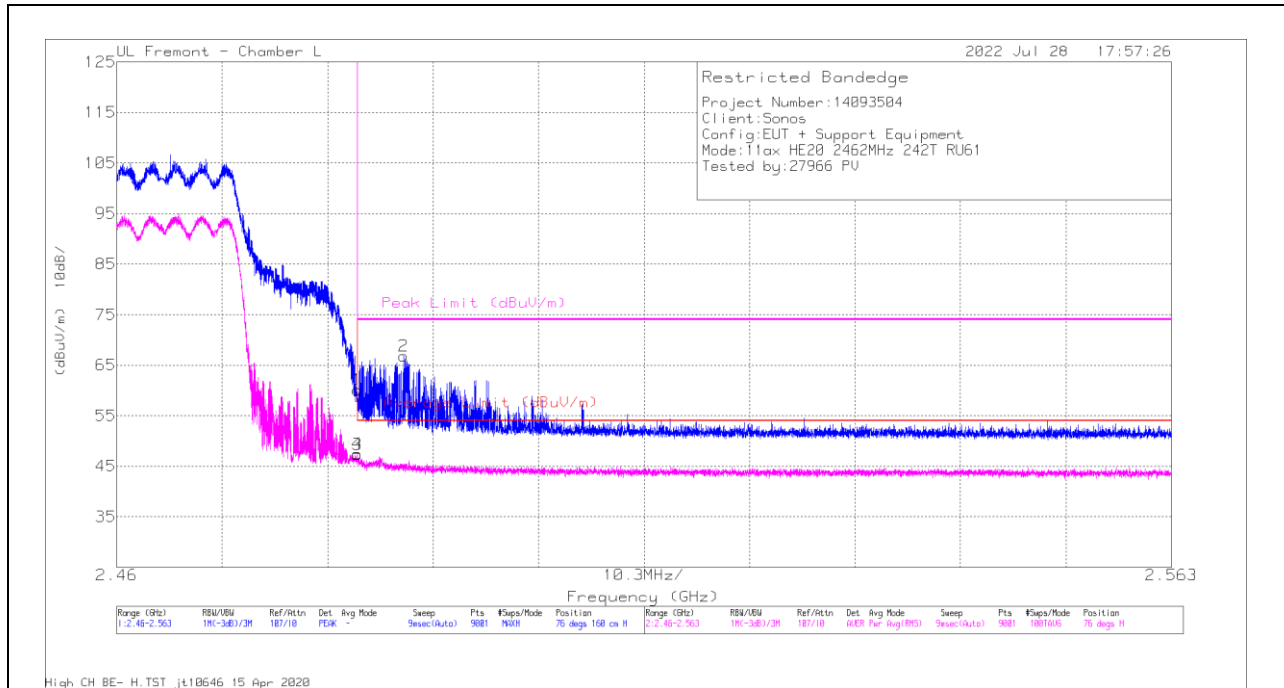
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL 11)

HORIZONTAL RESULT



Trace Markers

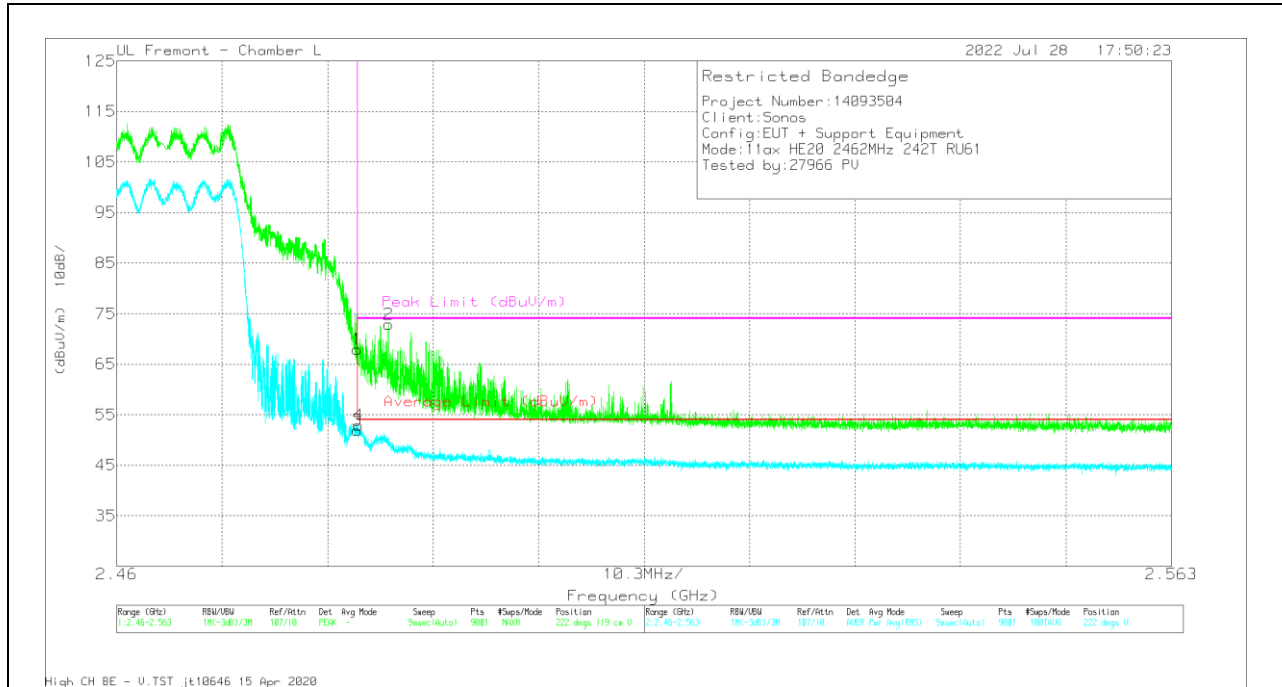
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/CbI/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	47.85	Pk	32.2	-19.9	0	60.15	-	-	74	-13.85	76	160	H
2	* 2.488015	54.51	Pk	32.2	-19.9	0	66.81	-	-	74	-7.19	76	160	H
3	* 2.4835	32.08	RMS	32.2	-19.9	2.92	47.3	54	-6.7	-	-	76	160	H
4	* 2.483506	32.25	RMS	32.2	-19.9	2.92	47.47	54	-6.53	-	-	76	160	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	55.59	Pk	32.2	-19.9	0	67.89	-	-	74	-6.11	222	119	V
2	* 2.486562	60.61	Pk	32.2	-19.9	0	72.91	-	-	74	-1.09	222	119	V
3	* 2.4835	36.64	RMS	32.2	-19.9	2.92	51.86	54	-2.14	-	-	222	119	V
4	* 2.48362	37.71	RMS	32.2	-19.9	2.92	52.93	54	-1.07	-	-	222	119	V

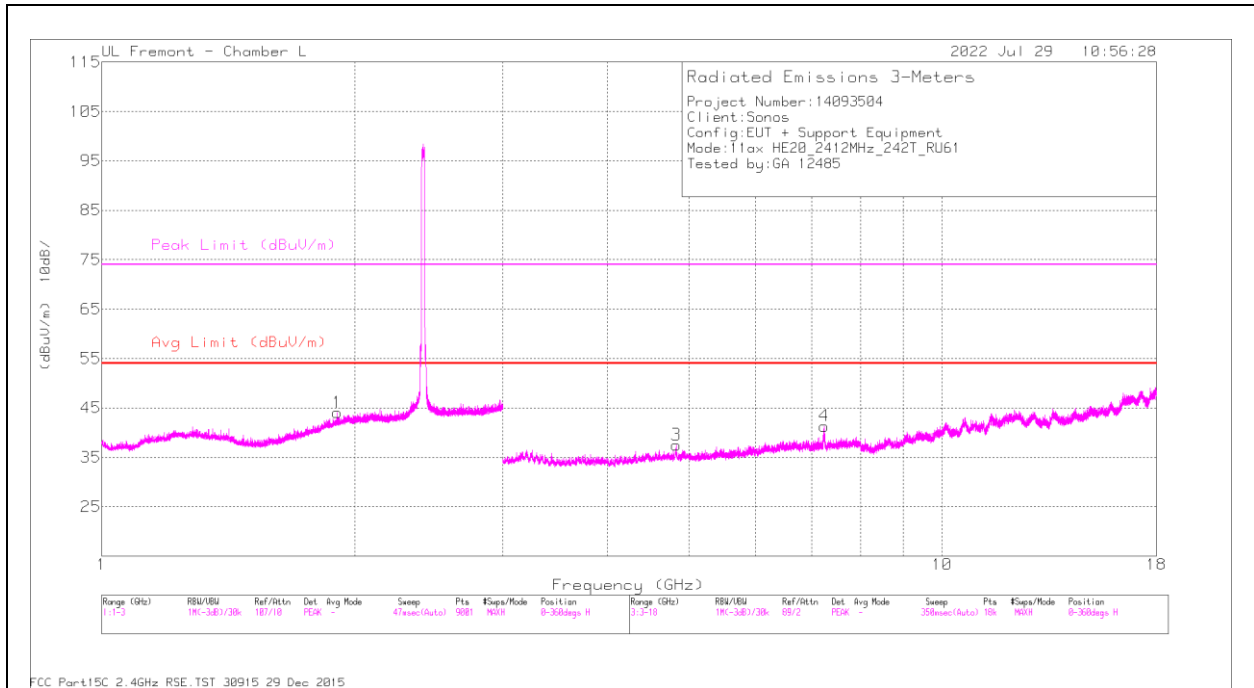
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

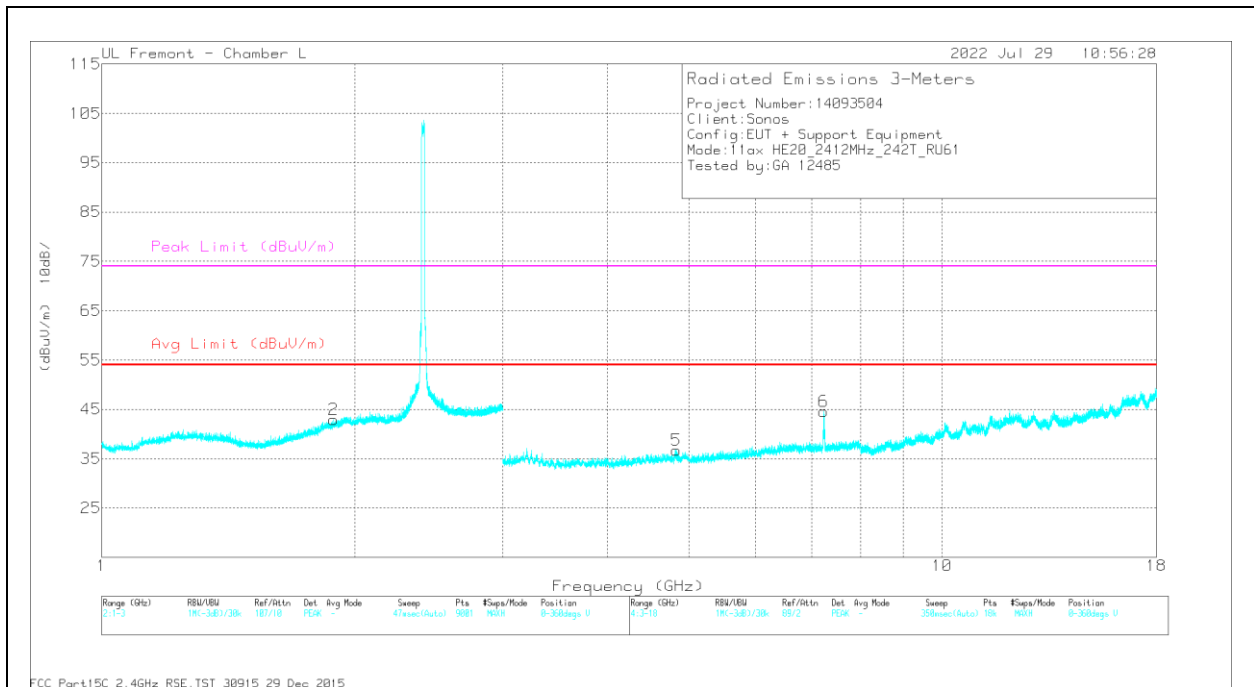
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL 1 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

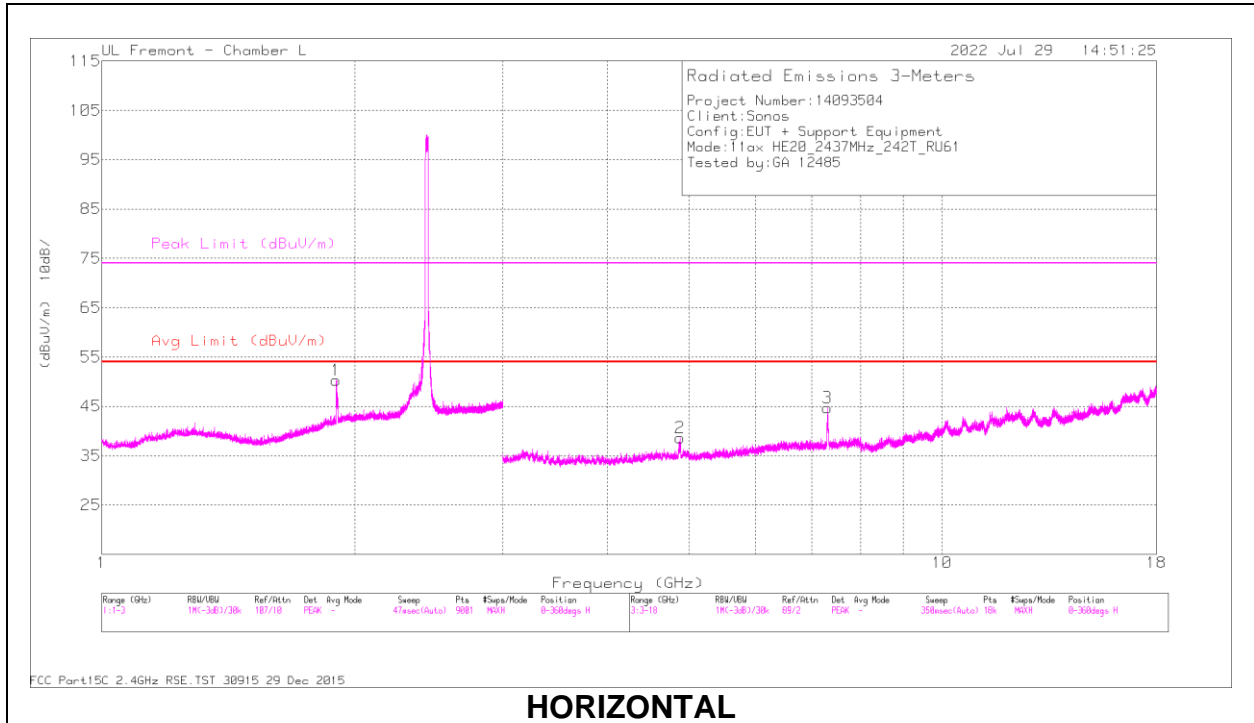
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cb/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.906677	45.81	PK2	31.3	-21.3	0	55.81	-	-	-	-	319	117	H
2	1.889267	42.83	PK2	31.2	-21.3	0	52.73	-	-	-	-	92	101	V
3	* 4.827444	42.14	PK2	34.1	-26.5	0	49.74	-	-	74	-24.26	147	111	H
	* 4.824787	26.72	MAv1	34.1	-26.5	2.92	37.24	54	-16.76	-	-	147	111	H
4	7.24406	44.52	PK2	35.9	-23.1	0	57.32	-	-	-	-	209	106	H
5	* 4.832461	43.13	PK2	34.1	-26.5	0	50.73	-	-	74	-23.27	262	105	V
	* 4.829915	26	MAv1	34.1	-26.5	2.92	36.52	54	-17.48	-	-	262	105	V
6	7.234158	48.31	PK2	35.9	-23.2	0	61.01	-	-	-	-	133	101	V

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

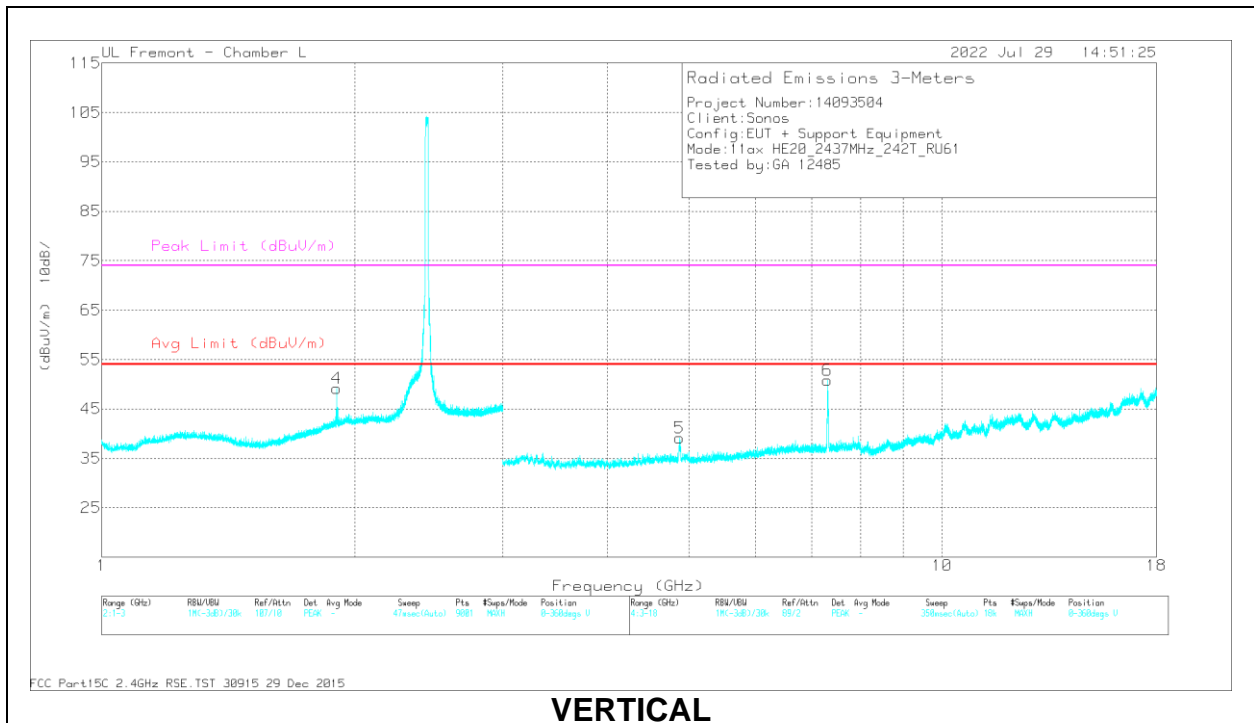
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL 6 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

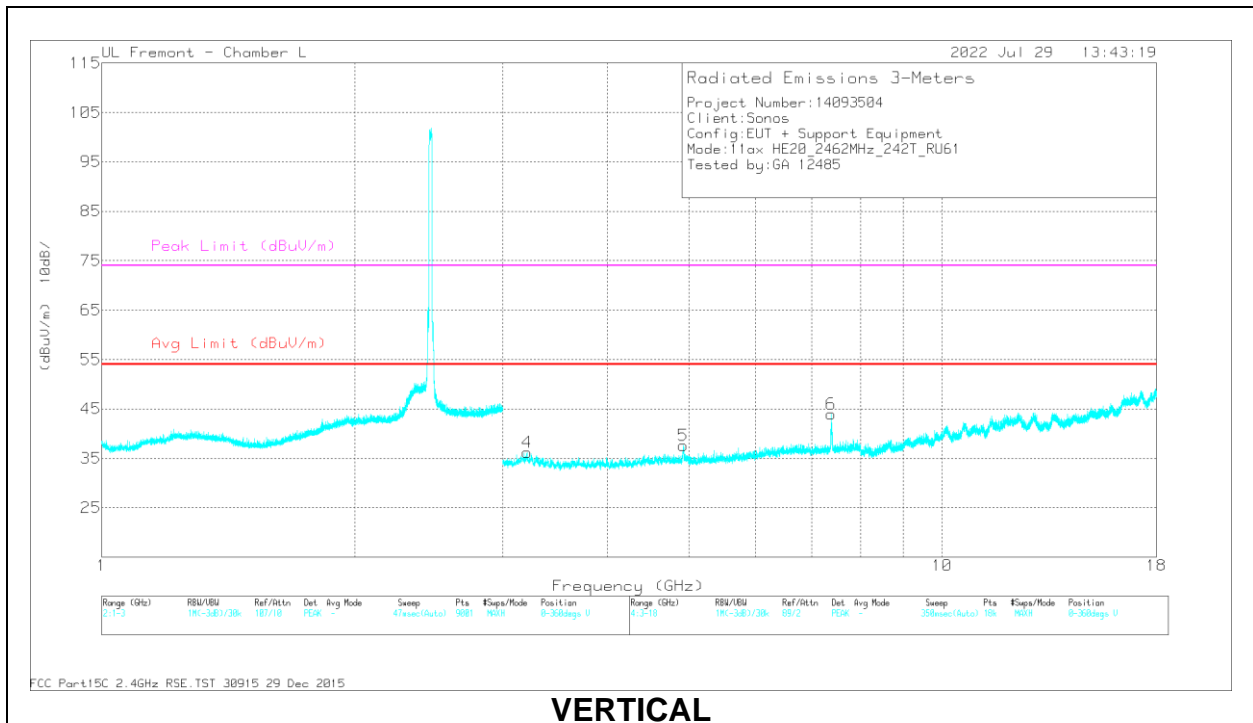
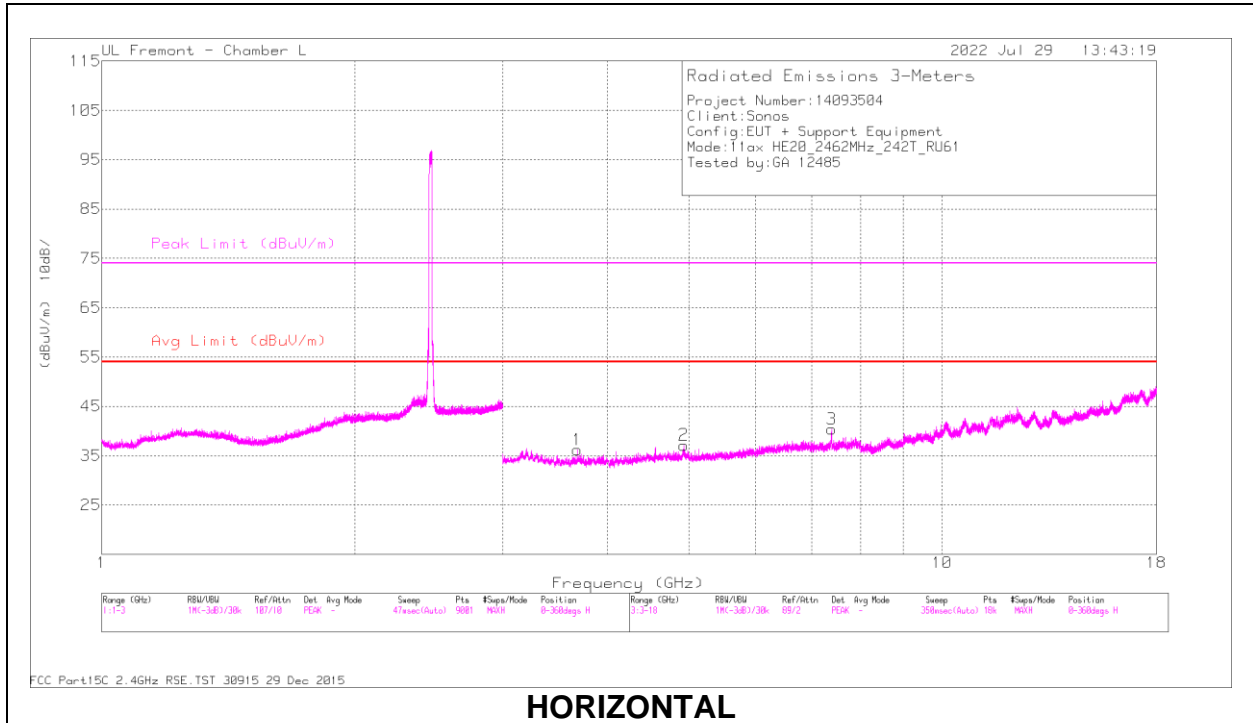
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cb/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.901835	42.24	PK2	31.3	-21.3	0	52.24	-	-	-	-	79	137	H
2	* 4.879859	27.06	MAv1	34.2	-26.4	2.92	37.78	54	-16.22	-	-	297	101	H
	* 4.879416	42.65	PK2	34.2	-26.4	0	50.45	-	-	74	-23.55	297	101	H
3	* 7.311047	45.63	PK2	35.9	-22.9	0	58.63	-	-	74	-15.37	211	108	H
	* 7.311295	27.07	MAv1	35.9	-22.9	2.92	42.99	54	-11.0	-	-	211	108	H
4	1.904185	41.92	PK2	31.3	-21.3	0	51.92	-	-	-	-	228	299	V
5	* 4.873426	42.89	PK2	34.2	-26.5	0	50.59	-	-	74	-23.41	355	110	V
	* 4.87341	26.97	MAv1	34.2	-26.5	2.92	37.59	54	-16.4	-	-	355	110	V
6	* 7.311171	50.4	PK2	35.9	-22.9	0	63.4	-	-	74	-10.6	139	101	V
	* 7.311075	32.84	MAv1	35.9	-22.9	2.92	48.76	54	-5.24	-	-	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 11 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	* 3.682034	37.52	PK2	33.5	-27.2	0	43.82	-	-	74	-30.18	96	109	H
	* 3.681543	26.02	MAv1	33.5	-27.2	2.92	35.24	54	-18.76	-	-	96	109	H
2	* 4.926581	40.85	PK2	34.3	-25.5	0	49.65	-	-	74	-24.35	297	102	H
	* 4.924187	25.51	MAv1	34.2	-25.6	2.92	37.03	54	-16.97	-	-	297	102	H
3	* 7.391865	41.72	PK2	35.9	-22.3	0	55.32	-	-	74	-18.68	93	102	H
	* 7.393939	23.78	MAv1	35.9	-22.3	2.92	40.3	54	-13.7	-	-	93	102	H
4	3.208257	39.55	PK2	34.4	-28	0	45.95	-	-	-	-	282	101	V
5	* 4.923941	40.04	PK2	34.2	-25.6	0	48.64	-	-	74	-25.36	190	104	V
	* 4.921923	25.78	MAv1	34.3	-25.6	2.92	37.4	54	-16.6	-	-	190	104	V
6	* 7.386654	47.13	PK2	35.9	-22.5	0	60.53	-	-	74	-13.47	135	101	V
	* 7.386331	27.94	MAv1	35.9	-22.4	2.92	44.36	54	-9.64	-	-	135	101	V

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

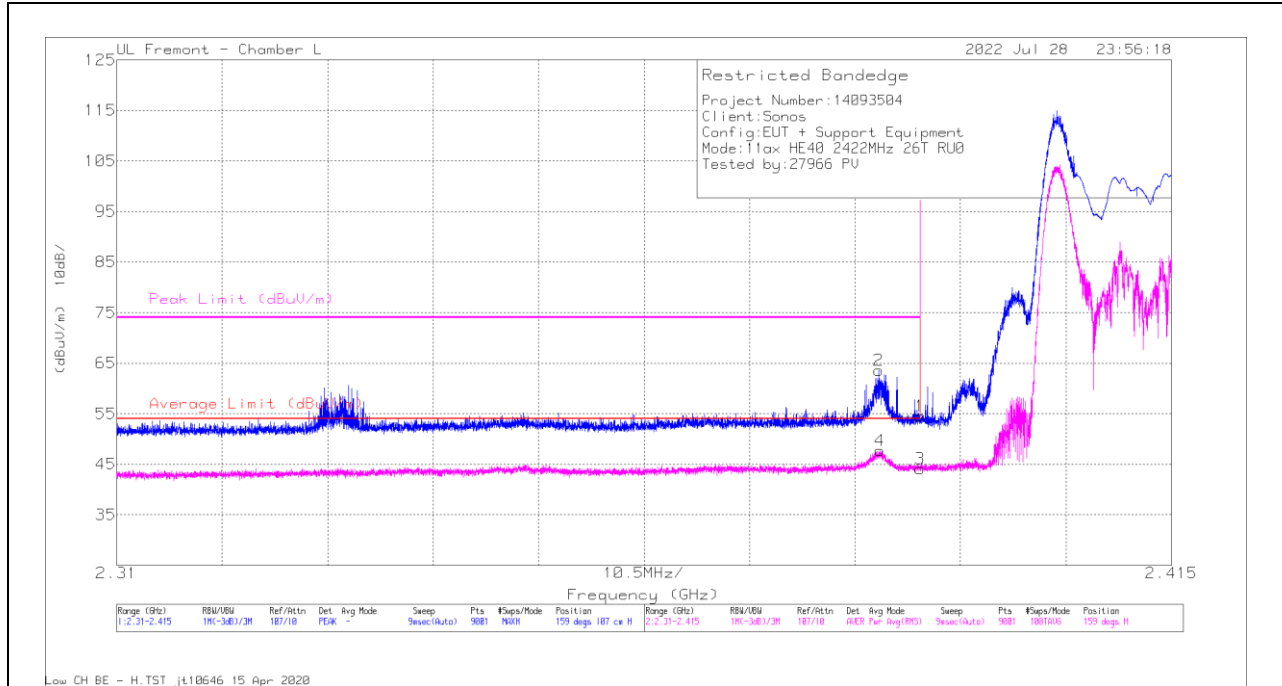
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

10.1.2. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 2.4GHz BAND

2TX Antenna 2 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 0

HORIZONTAL RESULT



Trace Markers

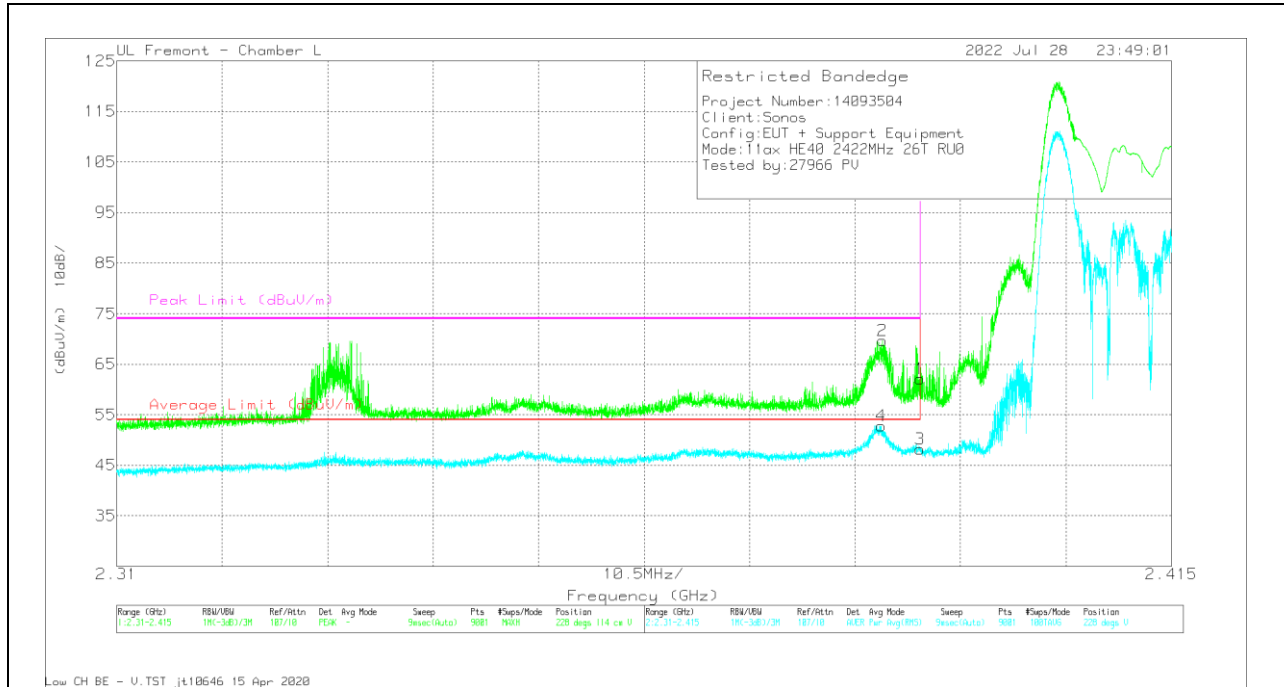
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/CbI/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.68	Pk	31.9	-20.1	0	54.48	-	-	74	-19.52	159	107	H
2	* 2.385871	51.77	Pk	31.9	-20.1	0	63.57	-	-	74	-10.43	159	107	H
3	* 2.39	30.36	RMS	31.9	-20.1	1.97	44.13	54	-9.87	-	-	159	107	H
4	* 2.385987	33.93	RMS	31.9	-20.1	1.97	47.7	54	-6.3	-	-	159	107	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	50.32	Pk	31.9	-20.1	0	62.12	-	-	74	-11.88	228	114	V
2	* 2.386221	57.89	Pk	31.9	-20.1	0	69.69	-	-	74	-4.31	228	114	V
3	* 2.39	34.42	RMS	31.9	-20.1	1.97	48.19	54	-5.81	-	-	228	114	V
4	* 2.386139	39.06	RMS	31.9	-20.1	1.97	52.83	54	-1.17	-	-	228	114	V

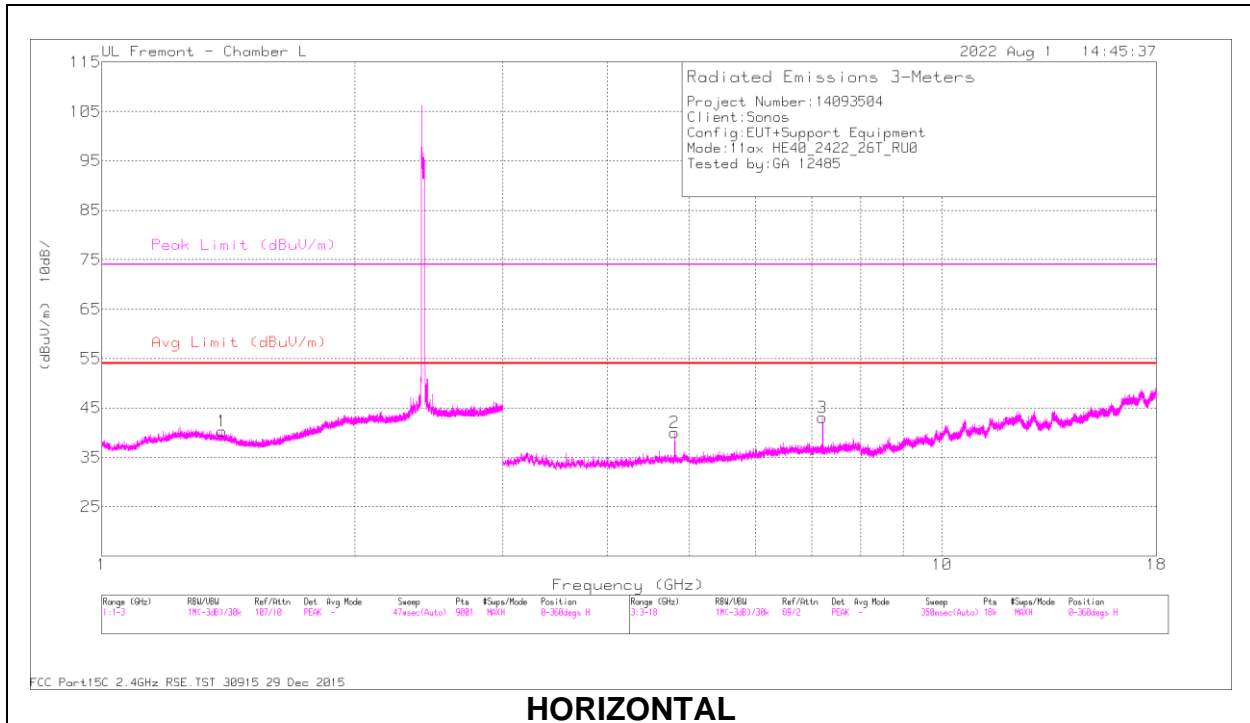
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

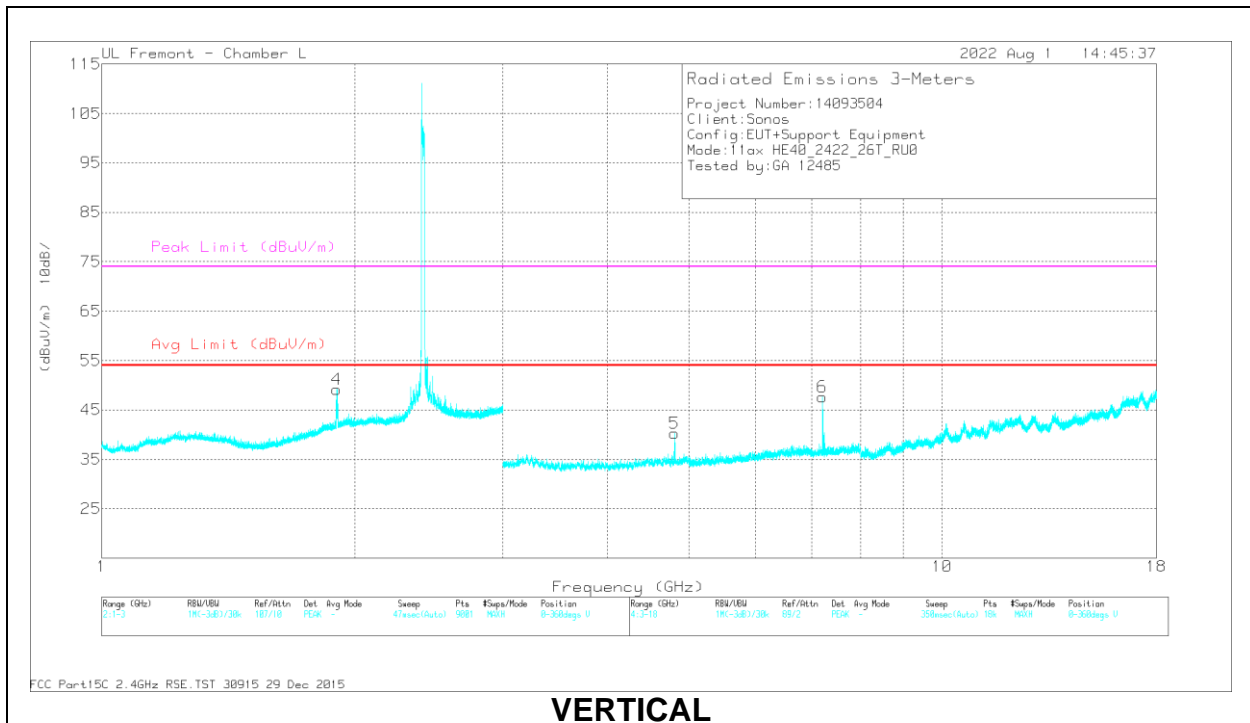
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL 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	* 1.39132	42.59	PK2	29.3	-22.9	0	48.99	-	-	74	-25.01	94	203	H
	* 1.391943	31.18	MAv1	29.3	-22.9	1.97	39.55	54	-14.45	-	-	94	203	H
2	* 4.80758	53.29	PK2	34.1	-26.6	0	60.79	-	-	74	-13.21	171	113	H
	* 4.807172	29.14	MAv1	34.1	-26.6	1.97	38.61	54	-15.39	-	-	171	113	H
3	7.211625	56.43	PK2	35.9	-23.1	0	69.23	-	-	-	-	224	107	H
4	1.904353	44.26	PK2	31.3	-21.3	0	54.26	-	-	-	-	262	147	V
5	* 4.807289	54.98	PK2	34.1	-26.6	0	62.48	-	-	74	-11.52	276	105	V
	* 4.808293	31.55	MAv1	34.1	-26.5	1.97	41.12	54	-12.88	-	-	276	105	V
6	7.21194	57.11	PK2	35.9	-23.1	0	69.91	-	-	-	-	151	104	V

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

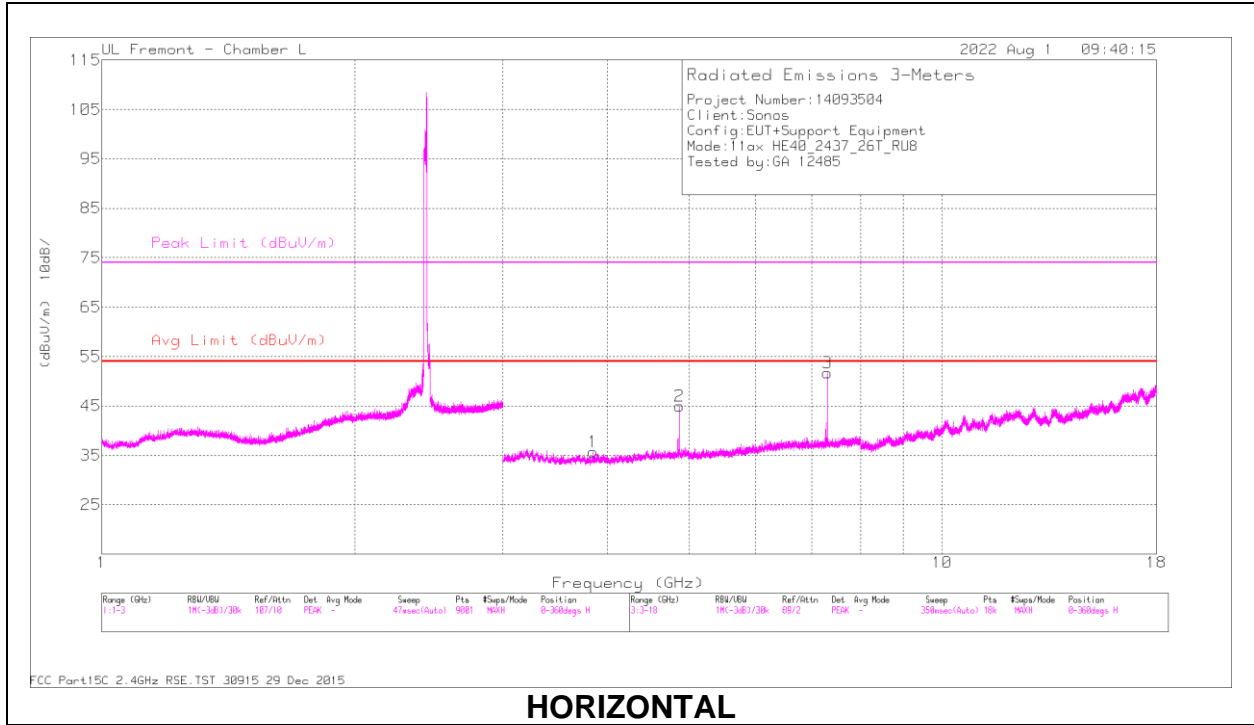
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

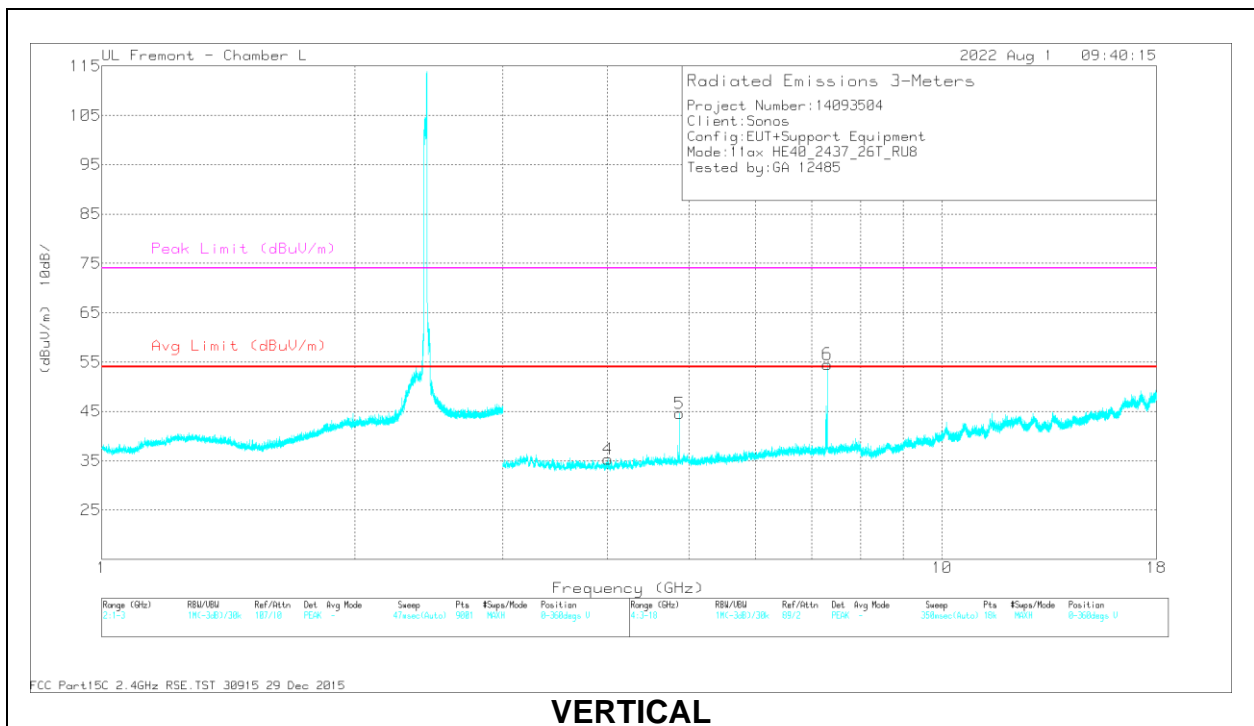
2TX Antenna 2 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 8

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL 6 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/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	* 3.839482	38.33	PK2	33.5	-27.6	0	44.23	-	-	74	-29.77	291	103	H
	* 3.839762	26.59	MAv1	33.4	-27.6	1.97	34.36	54	-19.64	-	-	291	103	H
2	* 4.872018	55.39	PK2	34.1	-26.5	0	62.99	-	-	74	-11.01	135	102	H
	* 4.871446	32.95	MAv1	34.2	-26.5	1.97	42.62	54	-11.38	-	-	135	102	H
3	* 7.306677	55.88	PK2	35.9	-22.8	0	68.98	-	-	74	-5.02	349	105	H
	* 7.306294	28.95	MAv1	35.9	-22.8	1.97	44.02	54	-9.98	-	-	349	105	H
4	* 4.001615	37.79	PK2	33.4	-27.6	0	43.59	-	-	74	-30.41	208	104	V
	* 4.001523	26.15	MAv1	33.4	-27.6	1.97	33.92	54	-20.08	-	-	208	104	V
5	* 4.870655	56.61	PK2	34.2	-26.6	0	64.21	-	-	74	-9.79	166	102	V
	* 4.872449	33.16	MAv1	34.2	-26.5	1.97	42.83	54	-11.17	-	-	166	102	V
6	* 7.30751	51.08	PK2	35.9	-22.8	0	64.18	-	-	74	-9.82	160	166	V
	* 7.30739	27.71	MAv1	35.9	-22.8	1.97	42.78	54	-11.22	-	-	160	166	V

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

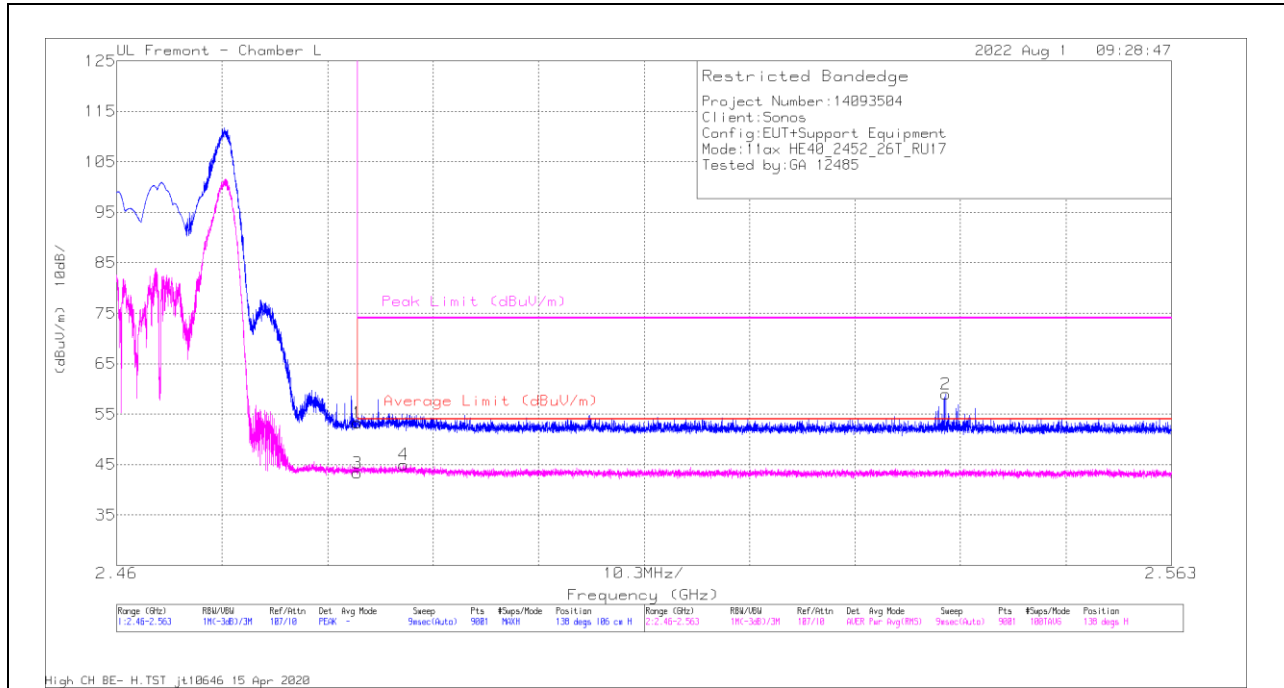
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

2TX Antenna 2 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 17

BANDEDGE (HIGH CHANNEL 9)

HORIZONTAL RESULT



Trace Markers

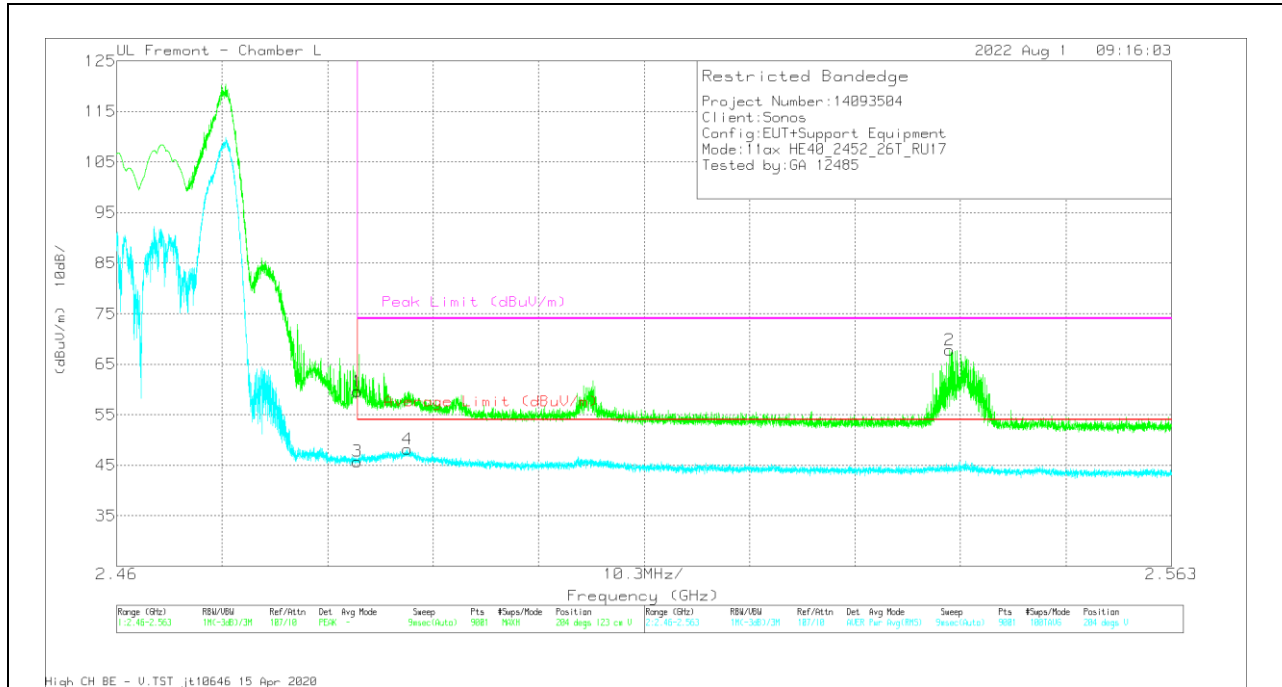
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	40.94	Pk	32.2	-19.9	0	53.24	-	-	74	-20.76	138	106	H
2	2.540955	46.52	Pk	32.4	-19.9	0	59.02	-	-	74	-14.98	138	106	H
3	* 2.4835	29.09	RMS	32.2	-19.9	1.97	43.36	54	-10.64	-	-	138	106	H
4	* 2.488003	30.74	RMS	32.2	-19.9	1.97	45.01	54	-8.99	-	-	138	106	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	47.31	Pk	32.2	-19.9	0	59.61	-	-	74	-14.39	204	123	V
2	2.541321	55.18	Pk	32.5	-19.9	0	67.78	-	-	74	-6.22	204	123	V
3	* 2.4835	31.49	RMS	32.2	-19.9	1.97	45.76	54	-8.24	-	-	204	123	V
4	* 2.488404	33.88	RMS	32.2	-19.9	1.97	48.15	54	-5.85	-	-	204	123	V

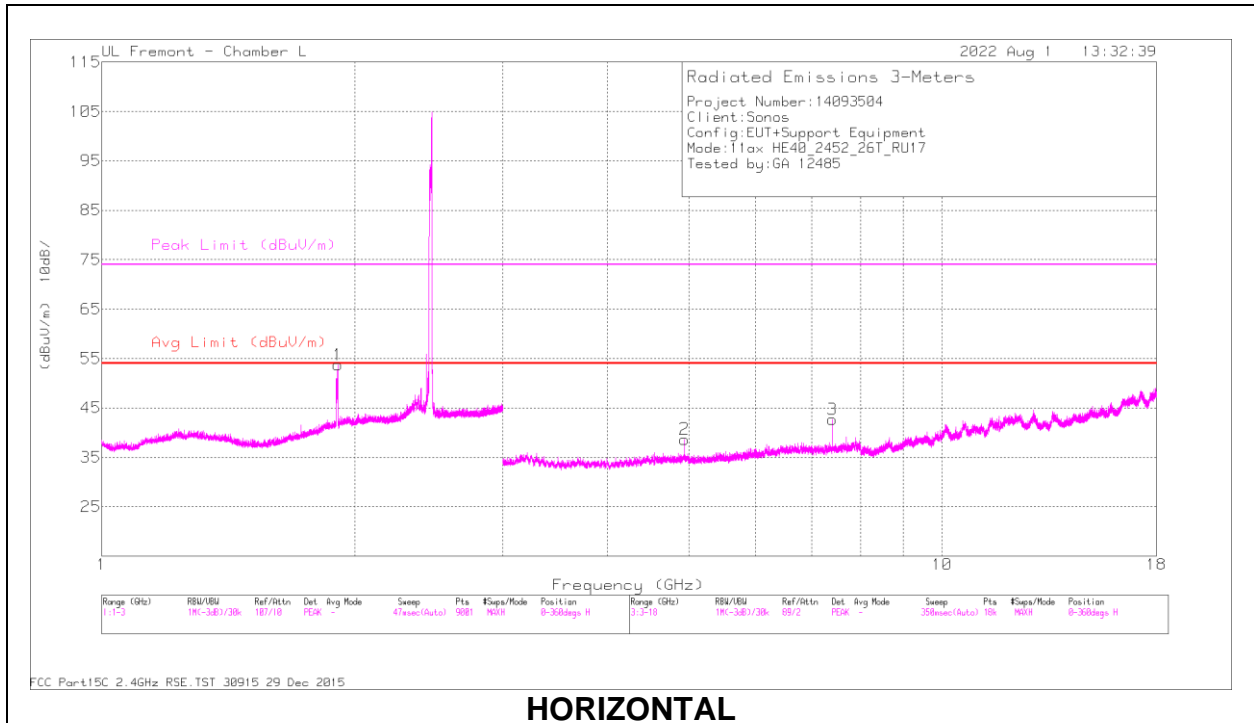
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

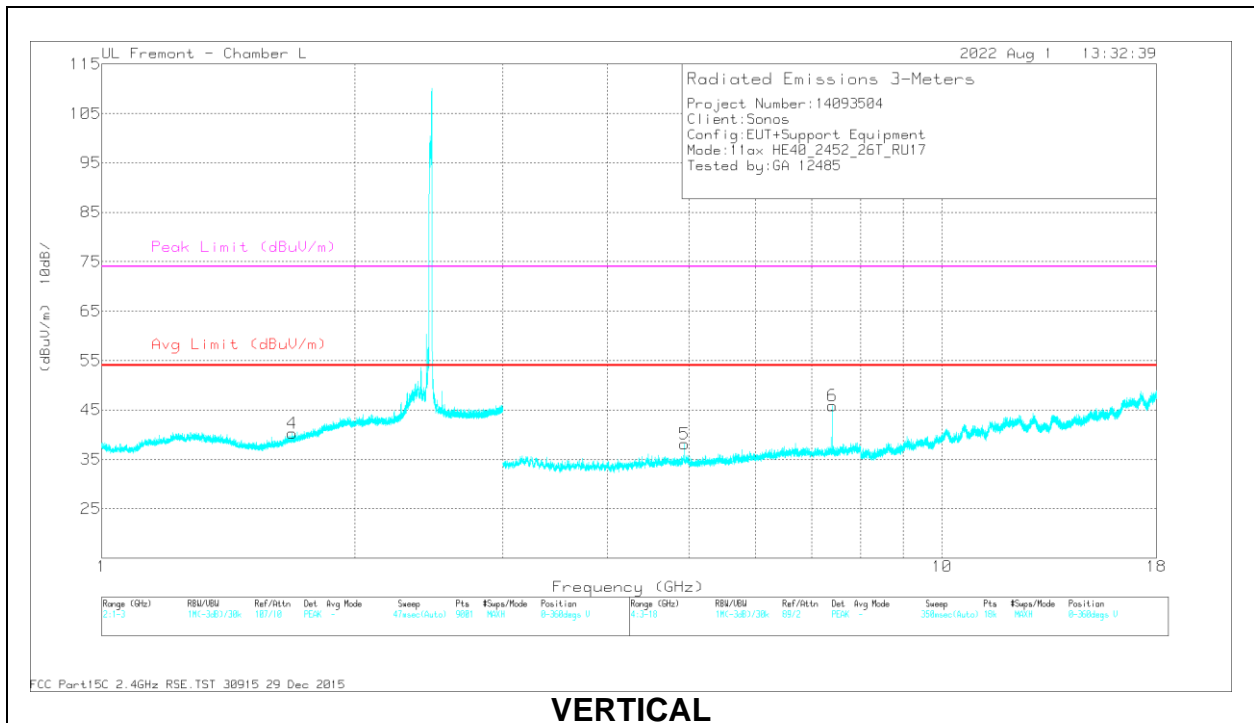
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL 9 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	1.908699	42.33	PK2	31.4	-21.3	0	52.43	-	-	-	-	47	220	H
2	* 4.939607	48.76	PK2	34.2	-25.3	0	57.66	-	-	74	-16.34	289	102	H
	* 4.939123	27.28	MAv1	34.3	-25.3	1.97	38.25	54	-15.75	-	-	289	102	H
3	* 7.410209	54.92	PK2	36	-22.3	0	68.62	-	-	74	-5.38	86	103	H
	* 7.409925	28.2	MAv1	36	-22.3	1.97	43.87	54	-10.13	-	-	86	103	H
4	* 1.682845	41.8	PK2	28.9	-22	0	48.7	-	-	74	-25.3	155	333	V
	* 1.684579	30.34	MAv1	28.9	-22	1.97	39.21	54	-14.79	-	-	155	333	V
5	* 4.940702	53.04	PK2	34.2	-25.3	0	61.94	-	-	74	-12.06	29	104	V
	* 4.940394	28.93	MAv1	34.2	-25.3	1.97	39.8	54	-14.2	-	-	29	104	V
6	* 7.409472	57.59	PK2	36	-22.3	0	71.29	-	-	74	-2.71	131	102	V
	* 7.409765	30.93	MAv1	36	-22.3	1.97	46.6	54	-7.4	-	-	131	102	V

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

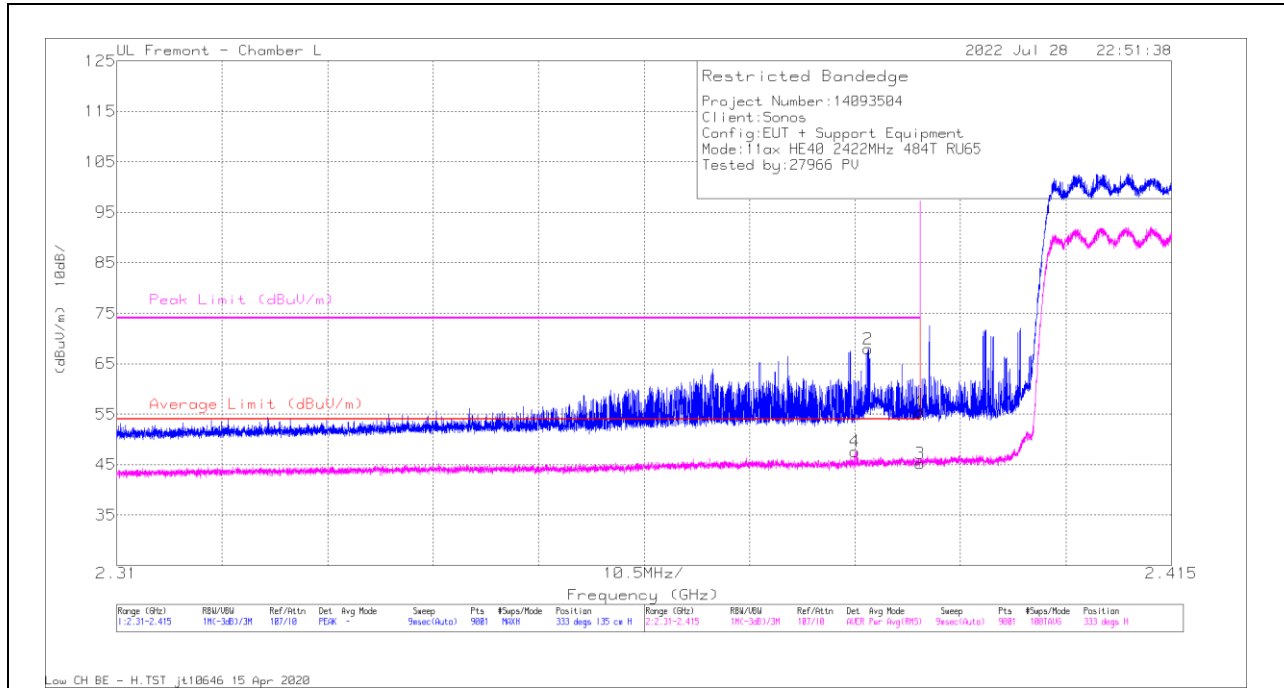
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

2TX Antenna 2 + Antenna 3 OFDMA MODE: 484-Tones, RU Index 65

BANDEDGE (LOW CHANNEL 3)

HORIZONTAL RESULT



Trace Markers

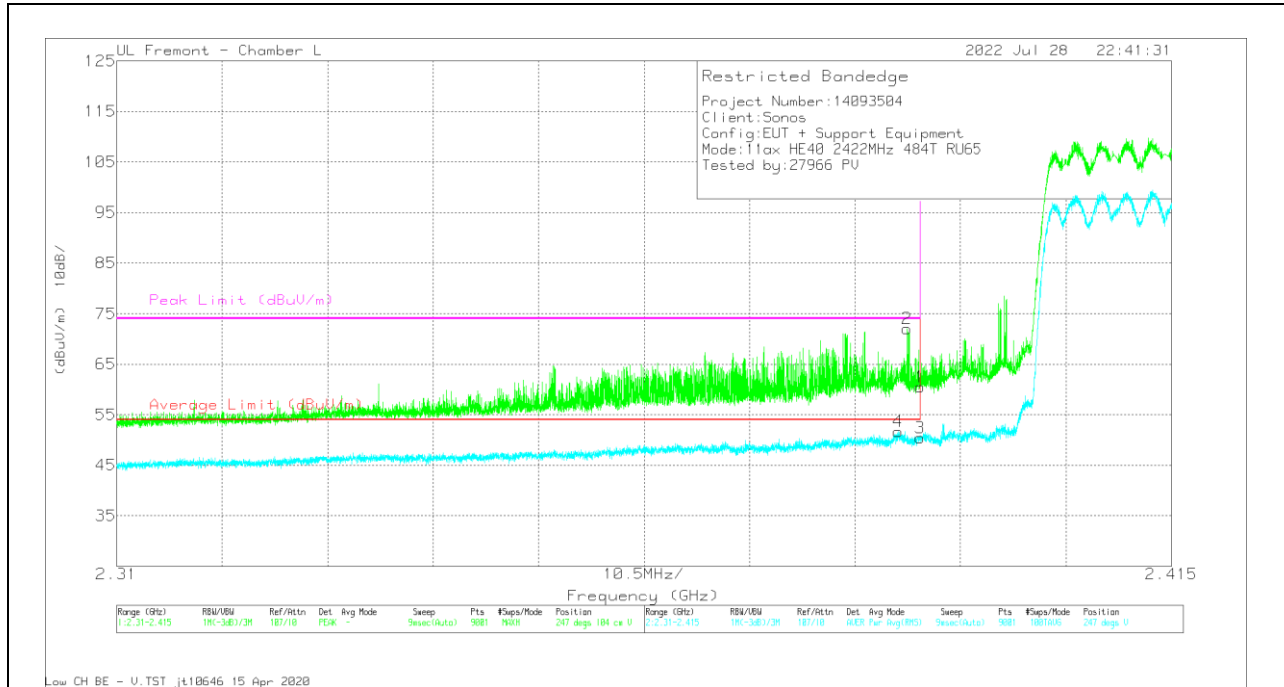
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.57	Pk	31.9	-20.1	0	55.37	-	-	74	-18.63	333	135	H
2	* 2.384797	56.12	Pk	31.9	-20.1	0	67.92	-	-	74	-6.08	333	135	H
3	* 2.39	30.45	RMS	31.9	-20.1	2.96	45.21	54	-8.79	-	-	333	135	H
4	* 2.383467	32.86	RMS	31.9	-20.1	2.96	47.62	54	-6.38	-	-	333	135	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	48.69	Pk	31.9	-20.1	0	60.49	-	-	74	-13.51	247	104	V
2	* 2.388671	60.27	Pk	31.9	-20.1	0	72.07	-	-	74	-1.93	247	104	V
3	* 2.39	35.7	RMS	31.9	-20.1	2.96	50.46	54	-3.54	-	-	247	104	V
4	* 2.387796	36.92	RMS	31.9	-20.1	2.96	51.68	54	-2.32	-	-	247	104	V

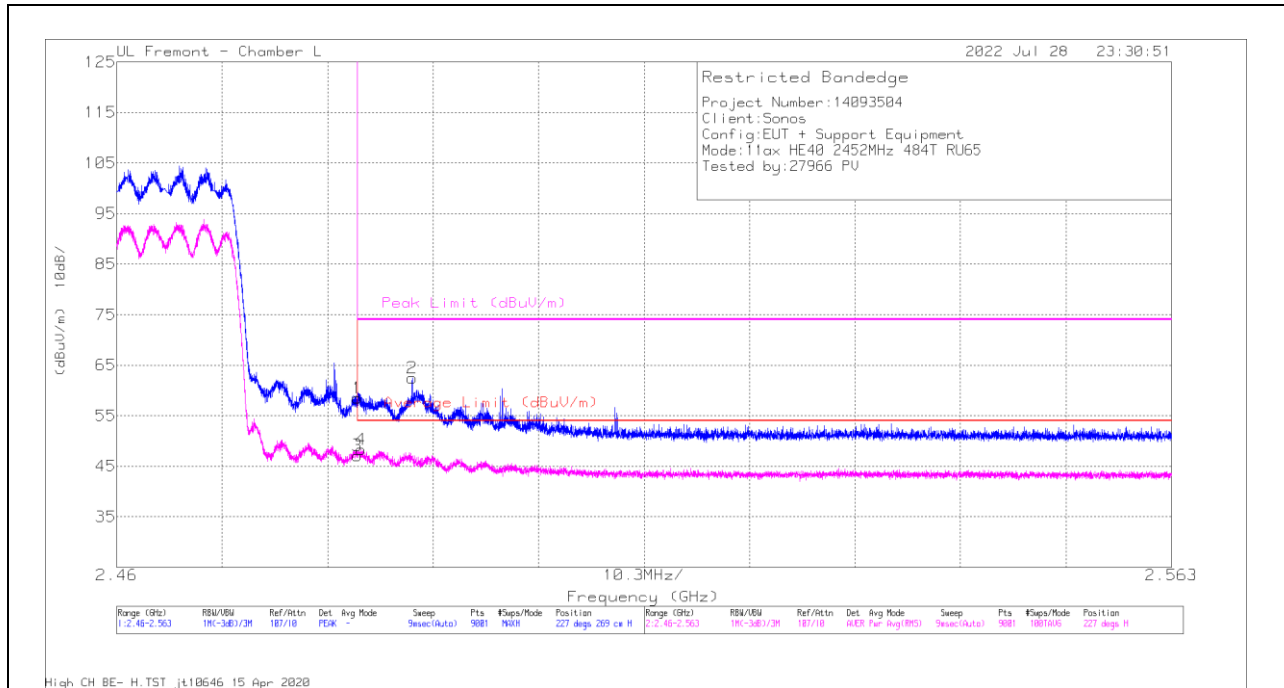
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL 9)

HORIZONTAL RESULT



Trace Markers

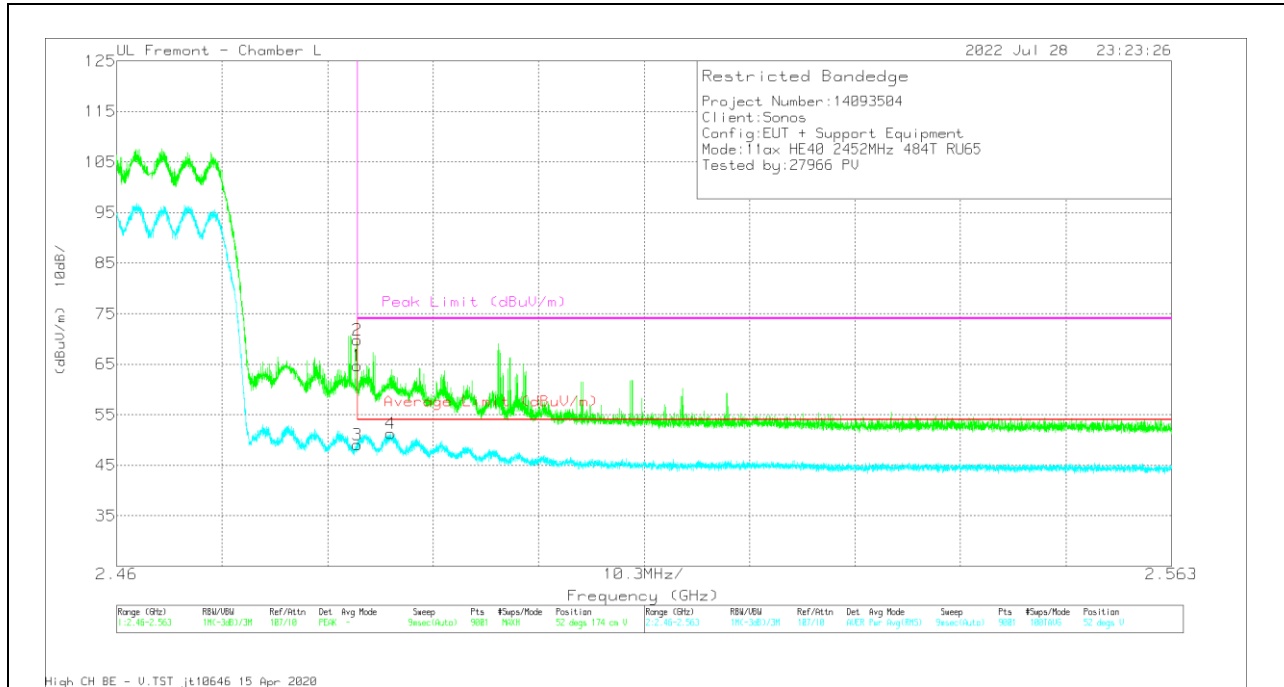
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/CbI/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	46.21	Pk	32.2	-19.9	0	58.51	-	-	74	-15.49	227	269	H
2	* 2.48885	50.12	Pk	32.2	-19.9	0	62.42	-	-	74	-11.58	227	269	H
3	* 2.4835	31.86	RMS	32.2	-19.9	2.96	47.12	54	-6.88	-	-	227	269	H
4	* 2.483849	33.01	RMS	32.2	-19.9	2.96	48.27	54	-5.73	-	-	227	269	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	52.42	Pk	32.2	-19.9	0	64.72	-	-	74	-9.28	52	174	V
2	* 2.483506	57.52	Pk	32.2	-19.9	0	69.82	-	-	74	-4.18	52	174	V
3	* 2.4835	33.75	RMS	32.2	-19.9	2.96	49.01	54	-4.99	-	-	52	174	V
4	* 2.486722	35.97	RMS	32.2	-19.9	2.96	51.23	54	-2.77	-	-	52	174	V

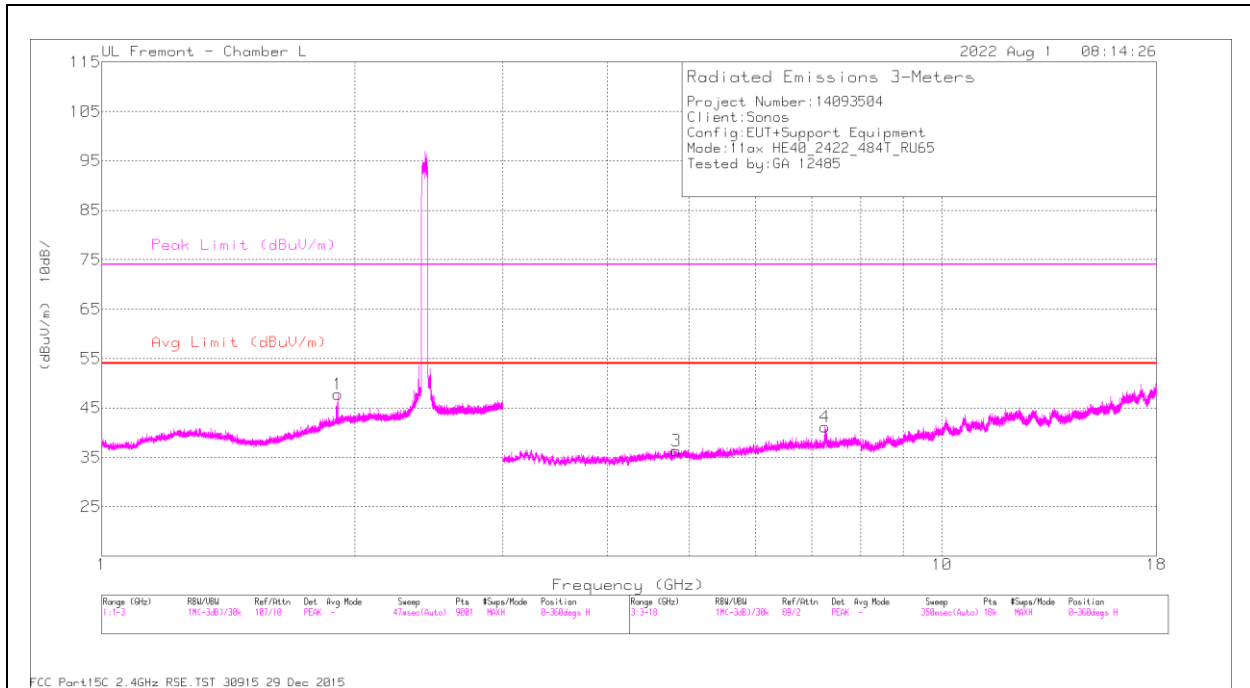
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

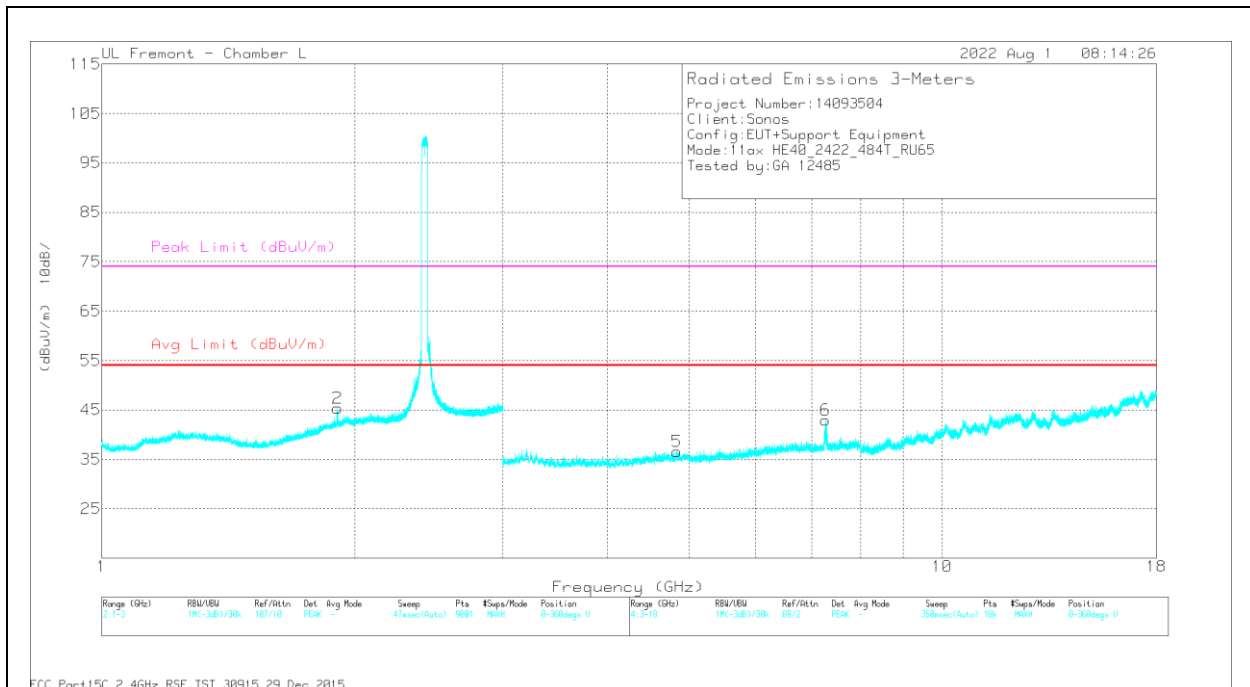
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL 3 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

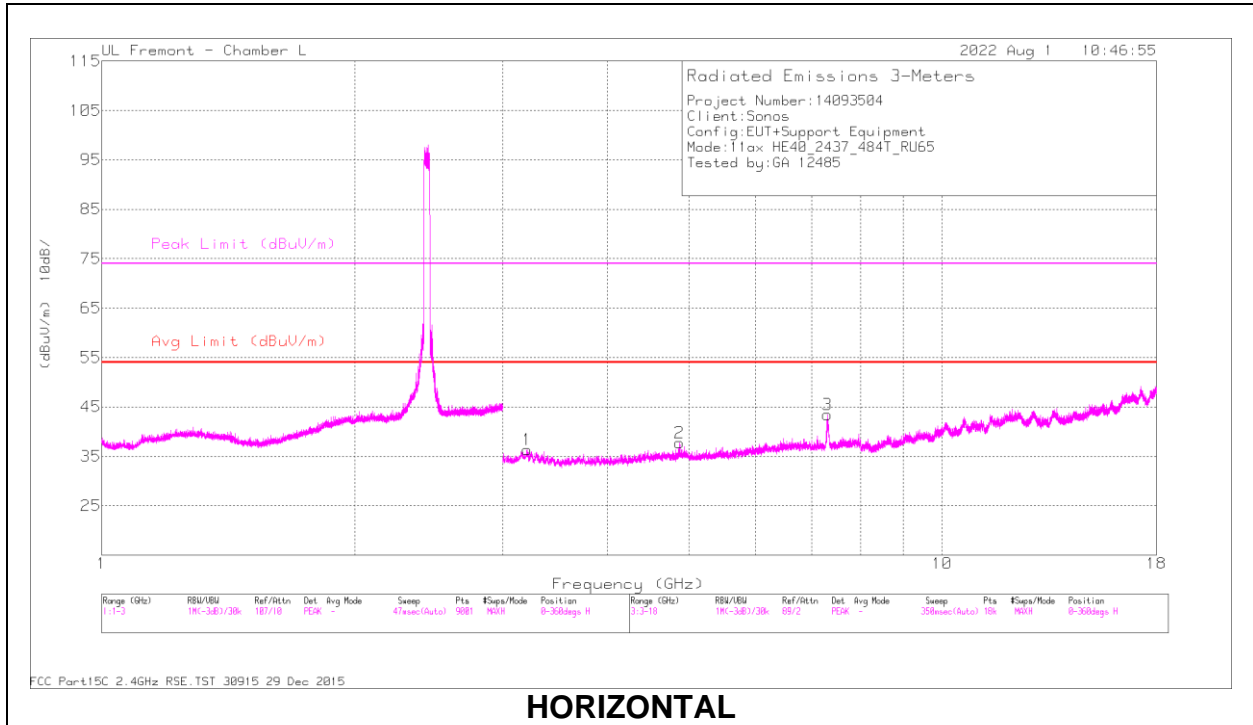
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.909109	45.49	PK2	31.4	-21.3	0	55.59	-	-	-	-	193	232	H
2	1.909209	42.4	PK2	31.4	-21.3	0	52.5	-	-	-	-	75	253	V
3	* 4.82865	38.4	PK2	34.1	-26.5	0	46	-	-	74	-28	133	102	H
	* 4.830268	26.3	MAv1	34.1	-26.5	2.96	36.86	54	-17.14	-	-	133	102	H
4	* 7.258717	40.32	PK2	35.9	-23.3	0	52.92	-	-	74	-21.08	194	101	H
	* 7.257763	24.15	MAv1	35.9	-23.3	2.96	39.71	54	-14.29	-	-	194	101	H
5	* 4.839659	39.2	PK2	34.2	-26.6	0	46.8	-	-	74	-27.2	164	104	V
	* 4.837349	26.3	MAv1	34.2	-26.6	2.96	36.86	54	-17.14	-	-	164	104	V
6	* 7.267433	43.18	PK2	35.9	-23.3	0	55.78	-	-	74	-18.22	124	103	V
	* 7.267861	25.85	MAv1	35.9	-23.3	2.96	41.41	54	-12.59	-	-	124	103	V

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

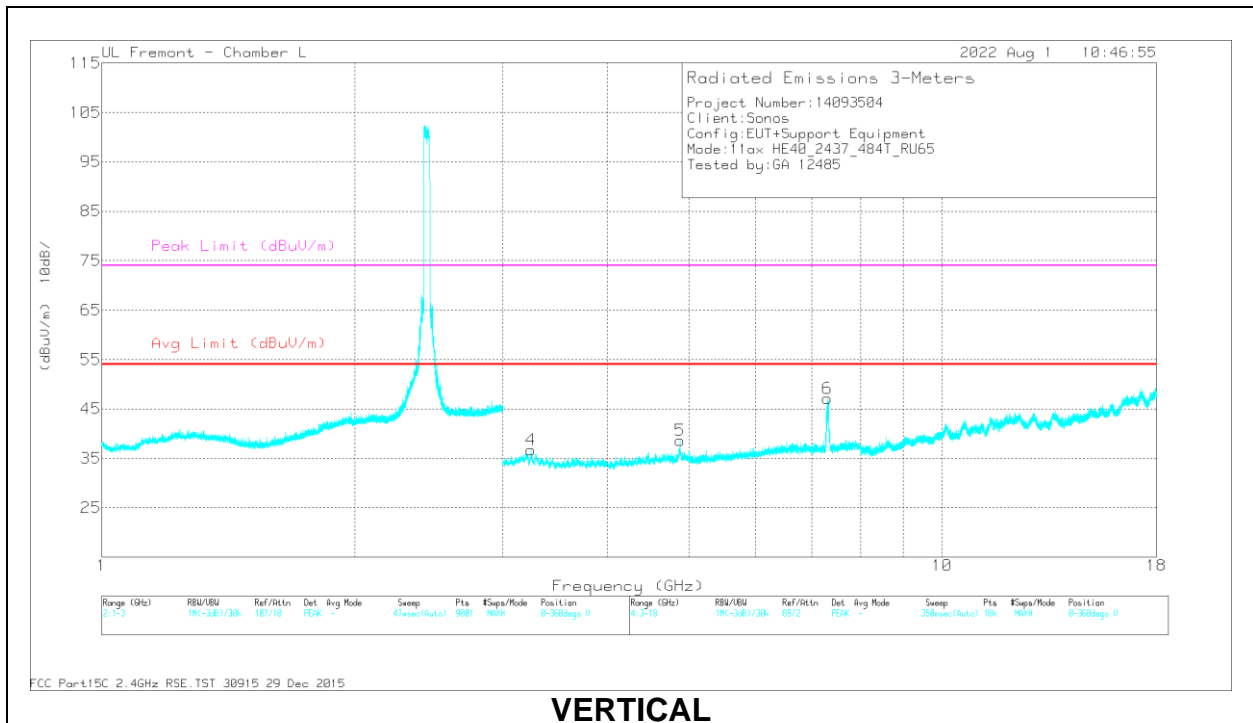
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL 6 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

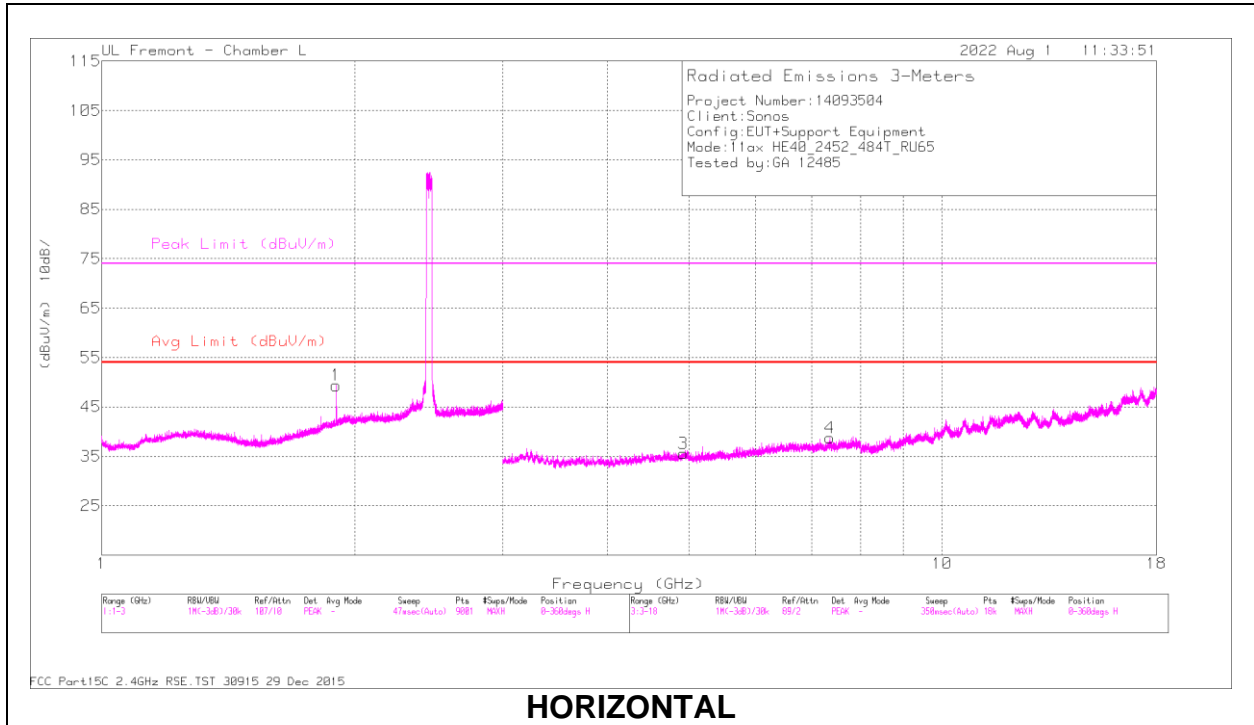
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cb/Fitr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.206458	39	PK2	34.4	-28	0	45.4	-	-	-	-	88	107	H
2	* 4.871536	40.04	PK2	34.2	-26.5	0	47.74	-	-	74	-26.26	137	101	H
	* 4.874469	27.05	MAv1	34.2	-26.4	2.96	37.81	54	-16.19	-	-	137	101	H
3	* 7.311391	41.9	PK2	35.9	-22.9	0	54.9	-	-	74	-19.1	88	101	H
	* 7.311523	26.18	MAv1	35.9	-22.9	2.96	42.14	54	-11.86	-	-	88	101	H
4	3.245435	39.28	PK2	34.4	-28.4	0	45.28	-	-	-	-	78	112	V
5	* 4.88081	38.55	PK2	34.2	-26.4	0	46.35	-	-	74	-27.65	87	107	V
	* 4.87743	25.46	MAv1	34.2	-26.4	2.96	36.22	54	-17.78	-	-	87	107	V
6	* 7.30623	47.09	PK2	35.9	-22.8	0	60.19	-	-	74	-13.81	133	103	V
	* 7.306542	29.5	MAv1	35.9	-22.8	2.96	45.56	54	-8.44	-	-	133	103	V

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

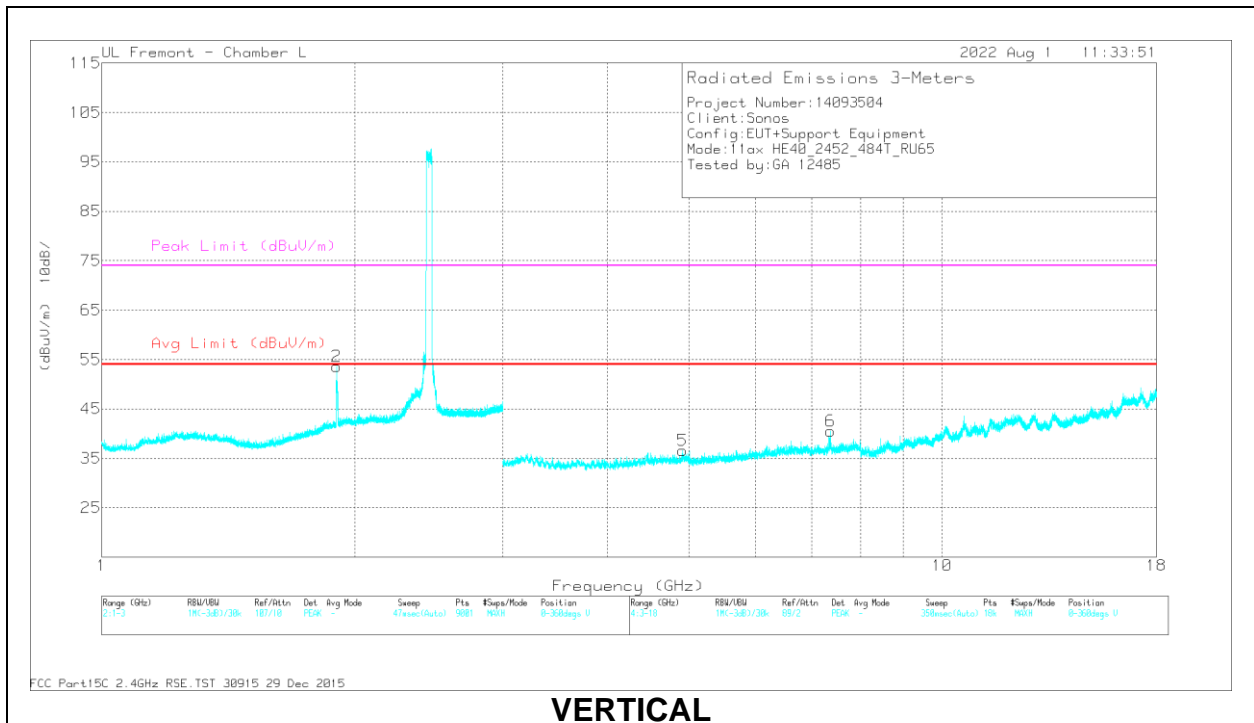
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL 9 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	1.900198	41.96	PK2	31.3	-21.3	0	51.96	-	-	-	-	313	157	H
2	1.906372	42.21	PK2	31.3	-21.3	0	52.21	-	-	-	-	224	108	V
3	* 4.918499	37.22	PK2	34.2	-25.6	0	45.82	-	-	74	-28.18	338	101	H
	* 4.918431	24.99	MAv1	34.2	-25.6	2.96	36.55	54	-17.45	-	-	338	101	H
4	* 7.362422	35.32	PK2	35.9	-22.6	0	48.62	-	-	74	-25.38	96	102	H
	* 7.360504	21.12	MAv1	35.9	-22.5	2.96	37.48	54	-16.52	-	-	96	102	H
5	* 4.907987	36.97	PK2	34.2	-26	0	45.17	-	-	74	-28.83	181	103	V
	* 4.909413	24.41	MAv1	34.2	-25.9	2.96	35.67	54	-18.33	-	-	181	103	V
6	* 7.369056	36.91	PK2	35.9	-22.6	0	50.21	-	-	74	-23.79	139	103	V
	* 7.36872	21.77	MAv1	35.9	-22.6	2.96	38.03	54	-15.97	-	-	139	103	V

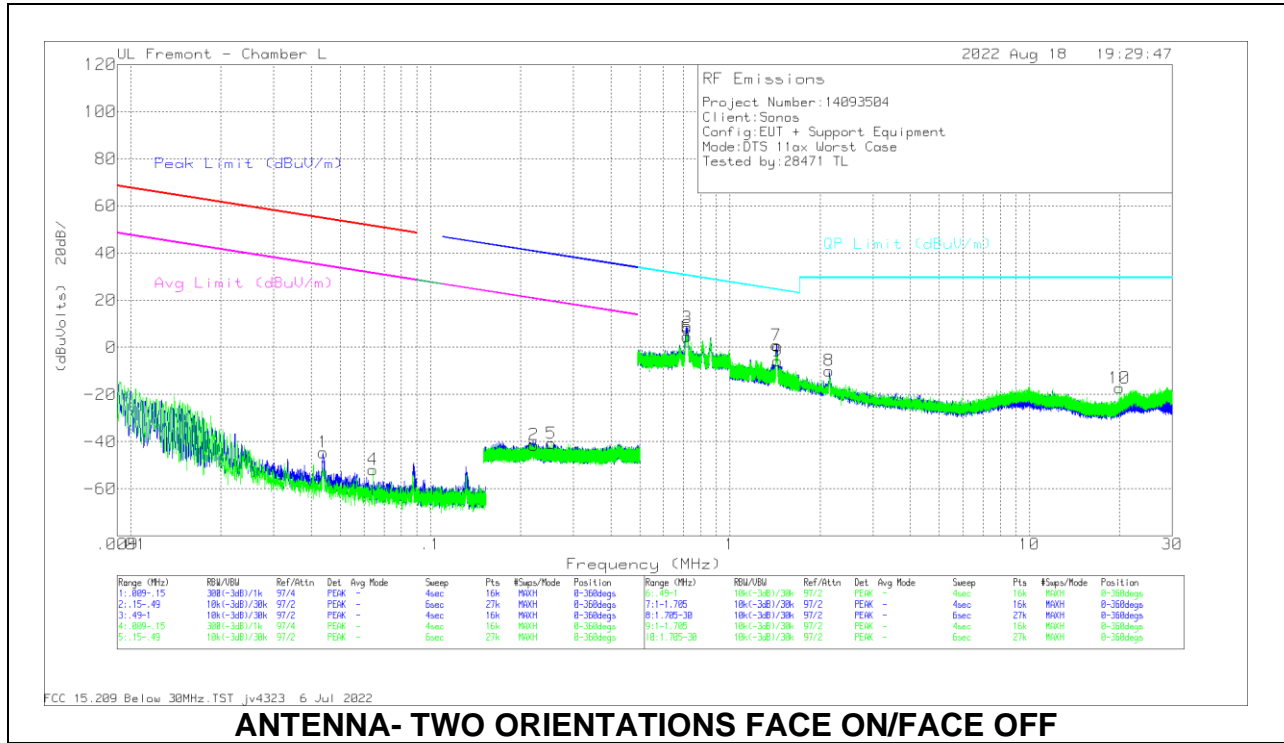
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

10.2. Worst Case Below 30MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)

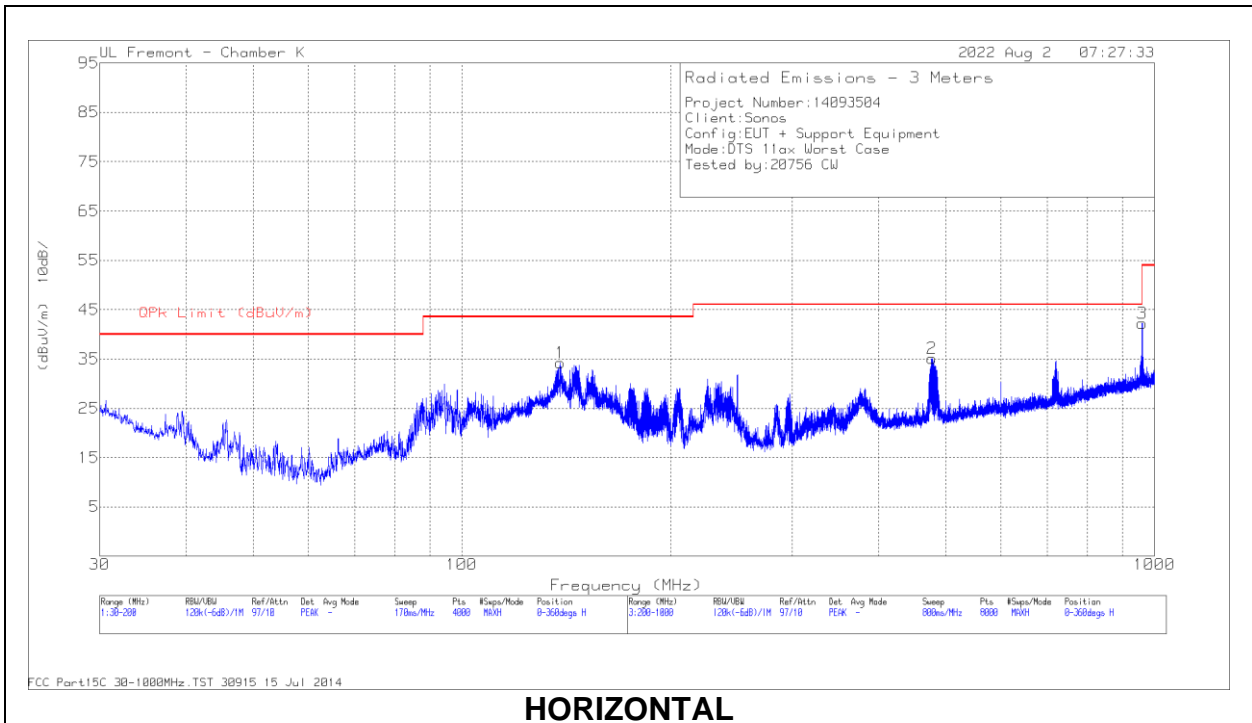


Below 30MHz Data

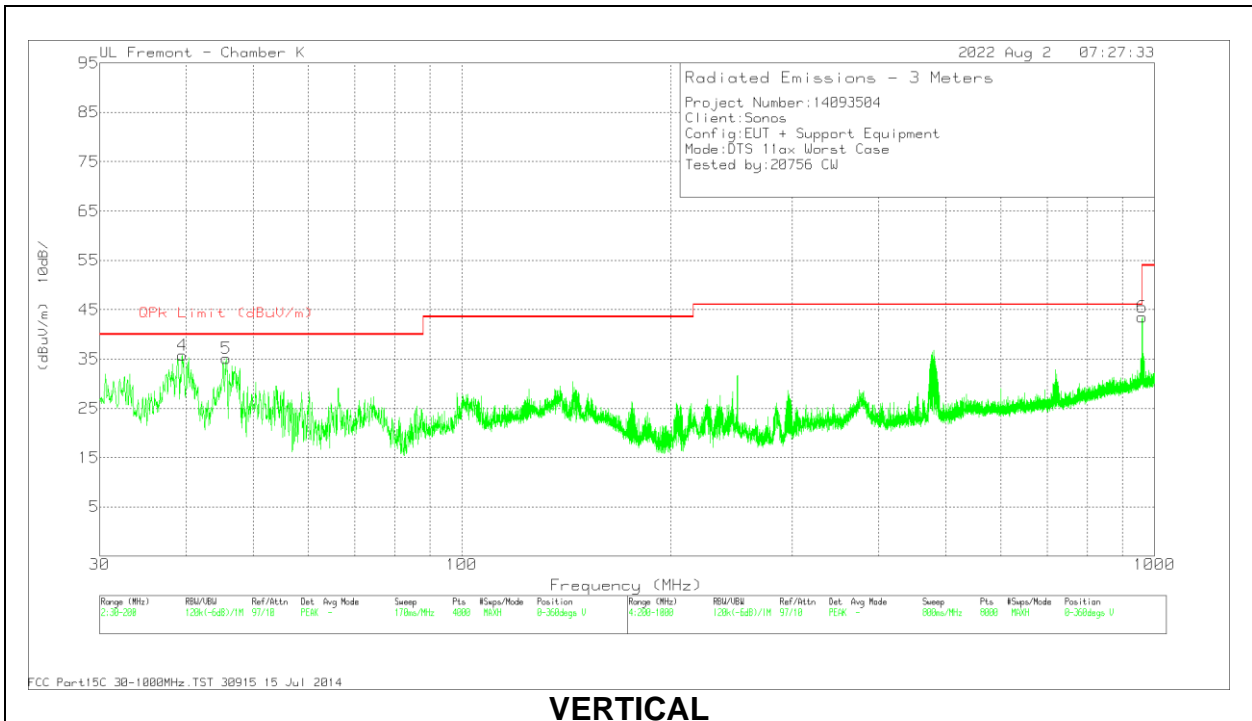
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E(ACF)	Amp/Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	QP Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	
1	.0438	10	Pk	57.2	-31.8	-80	-44.6	54.76	-89.36	34.76	-79.36	-	-	-	-	-	-	-	0-360
2	.2211	14.42	Pk	56.2	-32	-80	-41.38	-	-	-	-	-	-	40.72	-82.1	20.72	-82.1	-	0-360
4	.0642	3.91	Pk	56.1	-31.9	-80	-51.89	51.43	-103.32	31.43	-83.32	-	-	-	-	-	-	-	0-360
5	.2532	15.02	Pk	56.2	-32	-80	-40.78	-	-	-	-	-	-	39.55	-80.33	19.55	-80.33	-	0-360
3	.7198	23.97	Pk	56.2	-31.9	-40	8.27	-	-	-	-	30.47	-22.2	-	-	-	-	-	0-360
6	.7194	20.45	Pk	56.2	-31.9	-40	4.75	-	-	-	-	30.47	-25.72	-	-	-	-	-	0-360
7	1.4286	28.11	Pk	44.7	-31.9	-40	.91	-	-	-	-	24.53	-23.62	-	-	-	-	-	0-360
8	2.141	20.58	Pk	41.3	-31.8	-40	-9.92	-	-	-	-	29.5	-39.42	-	-	-	-	-	0-360
9	1.4424	21.48	Pk	44.6	-31.9	-40	-5.82	-	-	-	-	24.45	-30.27	-	-	-	-	-	0-360
10	19.9999	19.9	Pk	34.2	-31.4	-40	-17.3	-	-	-	-	29.5	-46.8	-	-	-	-	-	0-360

Pk - Peak detector

10.3. Worst Case Below 1 GHz



HORIZONTAL



VERTICAL

Below 1GHz Data

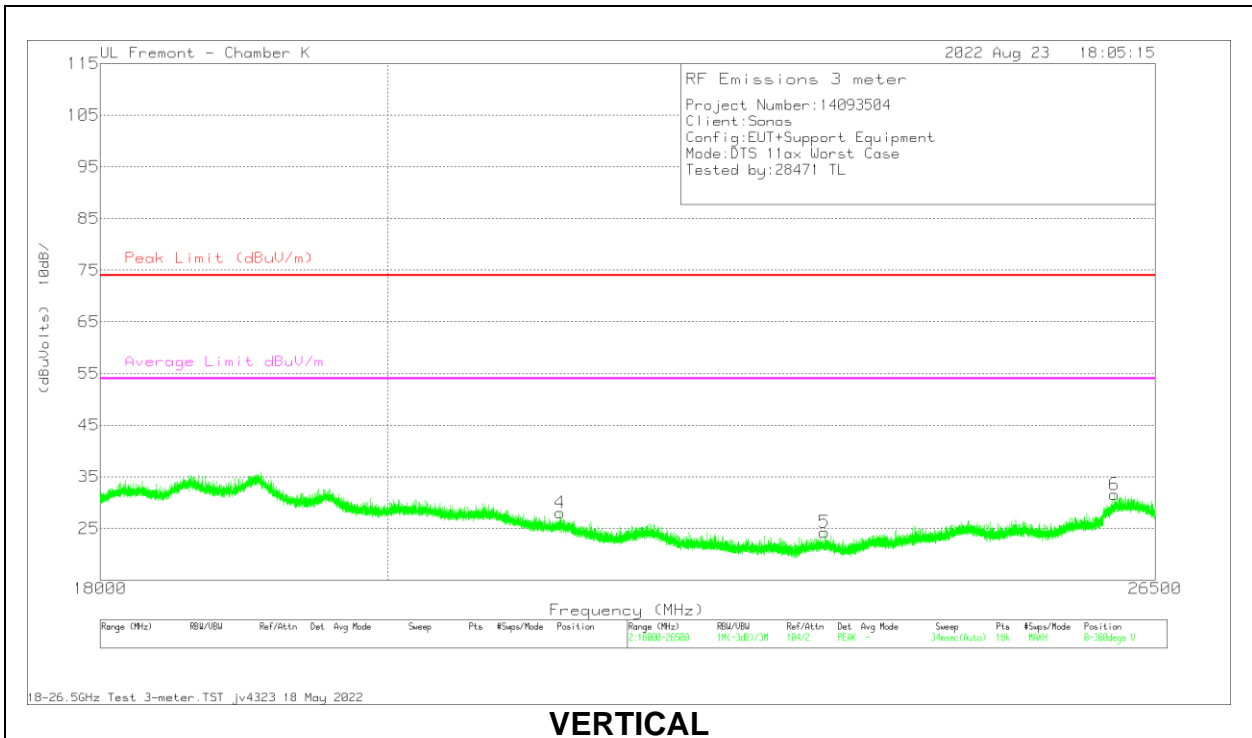
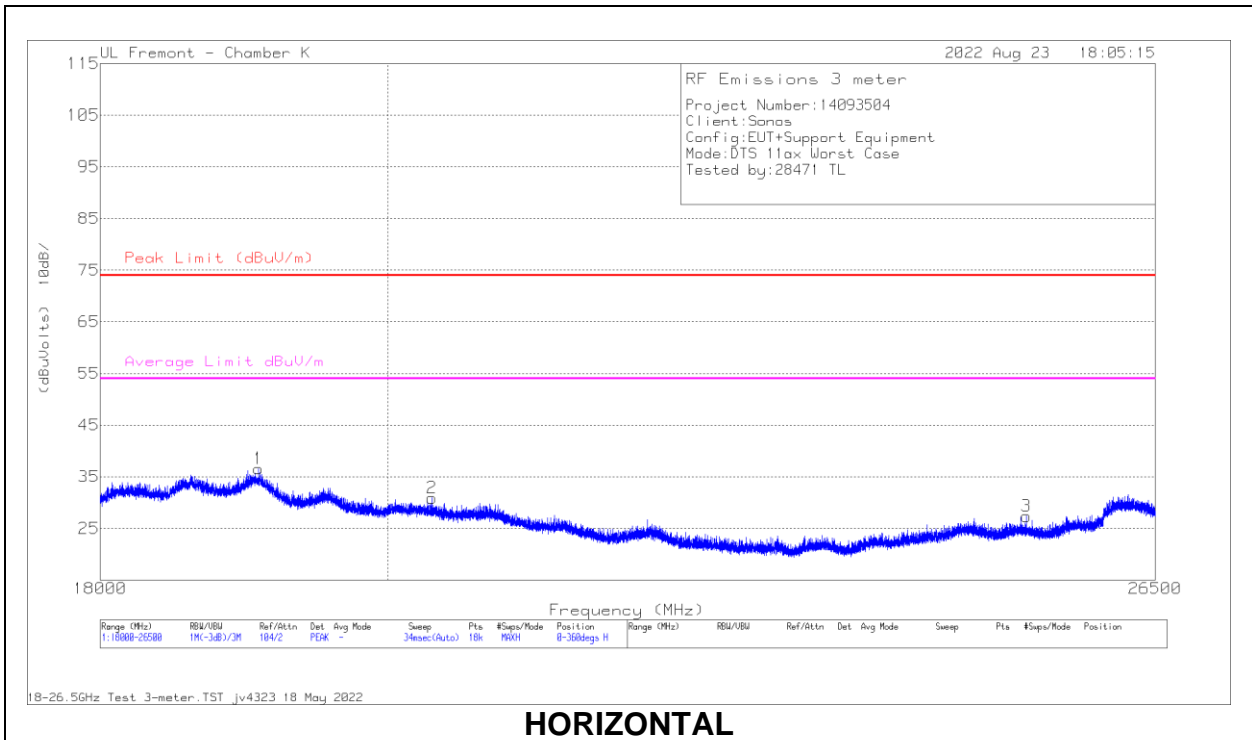
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	82258 ACF (dB)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	138.701	45.39	Pk	19.5	-30.6	34.29	43.52	-9.23	0-360	197	H
4	39.514	44.71	Qp	20.5	-31.4	33.81	40	-6.19	345	104	V
5	45.7195	47.99	Qp	16.2	-31.3	32.89	40	-7.11	57	99	V
2	476.836	40.46	Pk	23.8	-29.1	35.16	46.02	-10.86	0-360	199	H
3	* 960.099	39.2	Pk	29.4	-26.3	42.3	53.97	-11.67	0-360	99	H
6	* 960.099	40.39	Pk	29.4	-26.3	43.49	53.97	-10.48	0-360	98	V

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

Pk - Peak detector

Qp - Quasi-Peak detector

10.4. Worst Case 18-26 GHz



18 - 26 GHz 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	* 19075.722	46.55	Pk	32.7	-60.8	18.1	36.55	74	-37.45	54	-17.45	0-360	200	H
2	* 20326.166	39.2	Pk	33	-59.9	18.6	30.9	74	-43.1	54	-23.1	0-360	200	H
3	25275.052	33.37	Pk	34.4	-61.2	20.8	27.37	74	-46.63	54	-26.63	0-360	200	H
4	* 21306.026	35.65	Pk	33.2	-59.9	19.1	28.05	74	-45.95	54	-25.95	0-360	199	V
5	23473.053	31.58	Pk	33.8	-61.1	20	24.28	74	-49.72	54	-29.72	0-360	199	V
6	26106.163	36.37	Pk	34.5	-60.6	21.3	31.57	74	-42.43	54	-22.43	0-360	199	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.

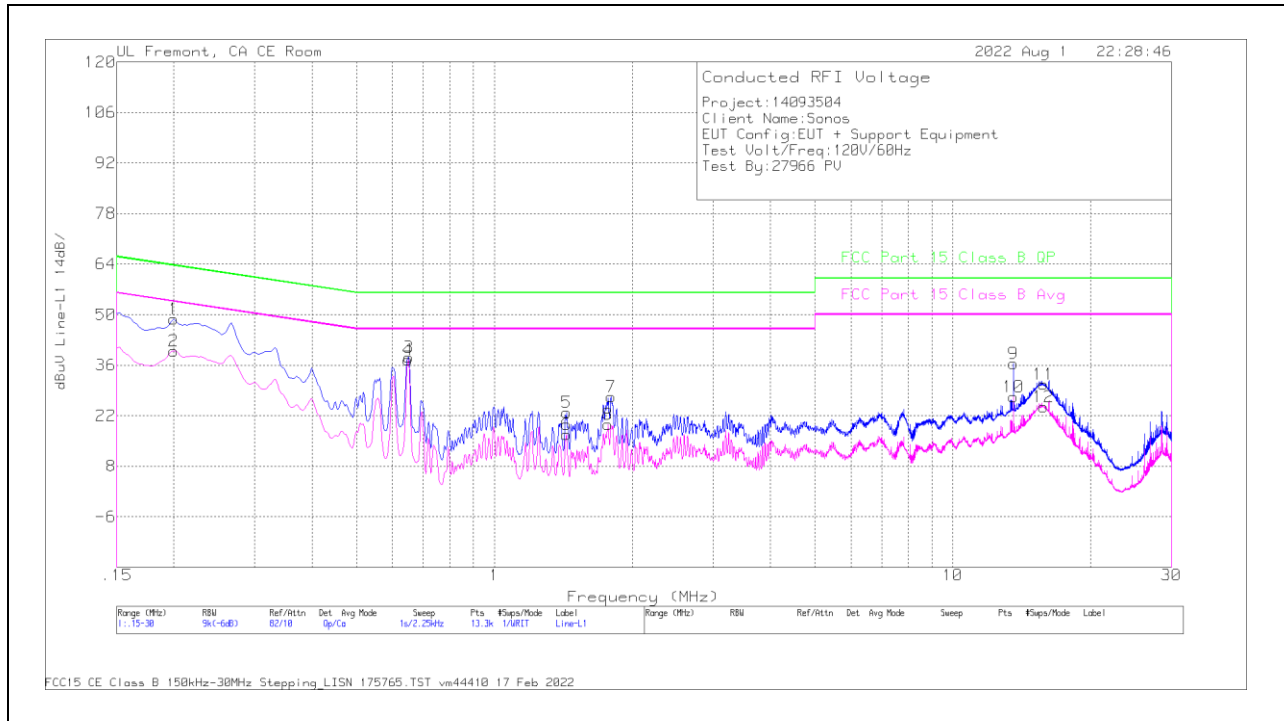
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

AC POWER LINE

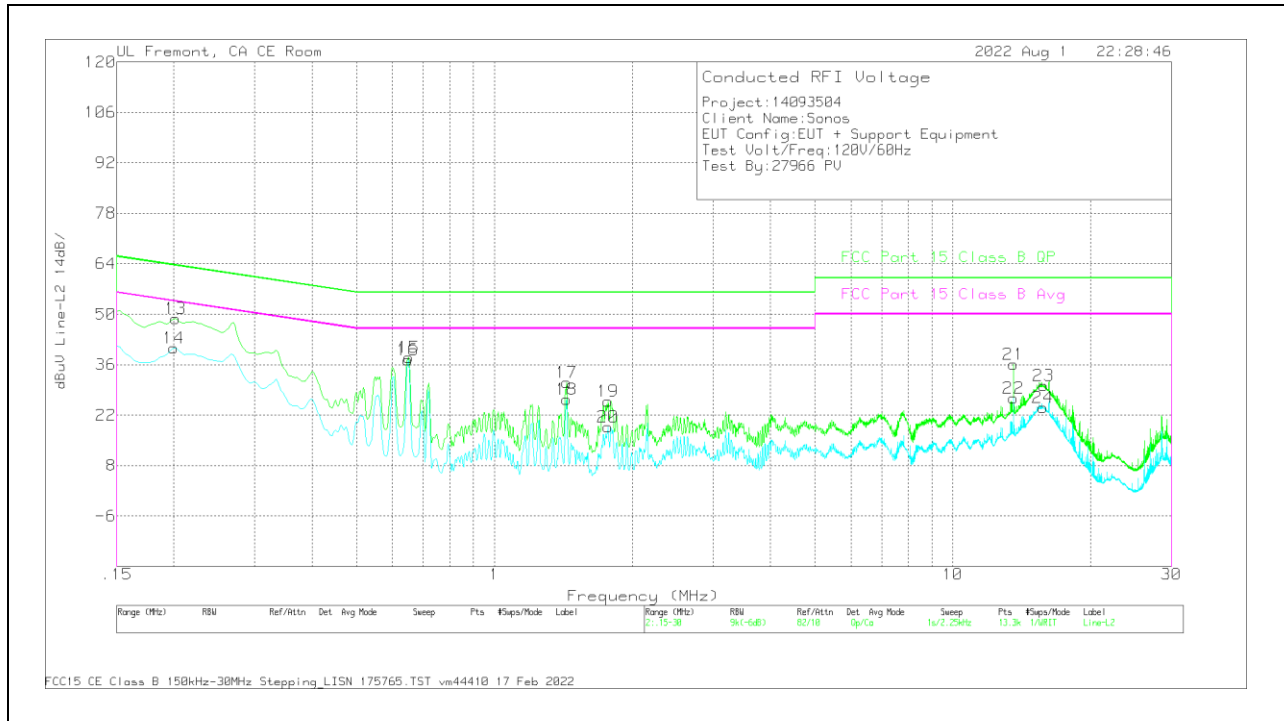
LINE 1 RESULTS



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	.1995	30.44	Ca	.1	0	9.4	39.94	-	-	53.63	-13.69
4	.6473	28.03	Ca	0	.1	9.3	37.43	-	-	46	-8.57
6	1.437	7.39	Ca	0	.1	9.3	16.79	-	-	46	-29.21
8	1.77	10.11	Ca	0	.1	9.3	19.51	-	-	46	-26.49
10	13.56	17.69	Ca	.1	.2	9.3	27.29	-	-	50	-22.71
12	15.7763	14.88	Ca	.1	.2	9.3	24.48	-	-	50	-25.52
1	.1995	39.22	Qp	.1	0	9.4	48.72	63.63	-14.91	-	-
3	.6495	28.83	Qp	0	.1	9.3	38.23	56	-17.77	-	-
5	1.437	13.52	Qp	0	.1	9.3	22.92	56	-33.08	-	-
7	1.797	17.78	Qp	0	.1	9.3	27.18	56	-28.82	-	-
9	13.56	26.9	Qp	.1	.2	9.3	36.5	60	-23.5	-	-
11	15.7898	21.04	Qp	.1	.2	9.3	30.64	60	-29.36	-	-

Qp - Quasi-Peak detector
 Ca - CISPR average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBµV)	Det	175765 LISN L2	C2&C3 cable path loss	207996 Limiter with short cabl	Corrected Reading dBµV	FCC Part 15 Class B QP	QP Margin (dB)	FCC Part 15 Class B Avg	Av(CISPR)M argin (dB)
14	.1995	31.14	Ca	0	0	9.4	40.54	-	-	53.63	-13.09
16	.6473	27.83	Ca	0	.1	9.3	37.23	-	-	46	-8.77
18	1.437	17	Ca	0	.1	9.3	26.4	-	-	46	-19.6
20	1.77	9.31	Ca	0	.1	9.3	18.71	-	-	46	-27.29
22	13.56	17.18	Ca	.1	.2	9.3	26.78	-	-	50	-23.22
24	15.7403	14.52	Ca	.1	.2	9.3	24.12	-	-	50	-25.88
13	.2018	39.35	Qp	0	0	9.4	48.75	63.54	-14.79	-	-
15	.6495	28.64	Qp	0	.1	9.3	38.04	56	-17.96	-	-
17	1.437	21.65	Qp	0	.1	9.3	31.05	56	-24.95	-	-
19	1.77	16.48	Qp	0	.1	9.3	25.88	56	-30.12	-	-
21	13.56	26.57	Qp	.1	.2	9.3	36.17	60	-23.83	-	-
23	15.7673	20.59	Qp	.1	.2	9.3	30.19	60	-29.81	-	-

Qp - Quasi-Peak detector
 Ca - CISPR average detection