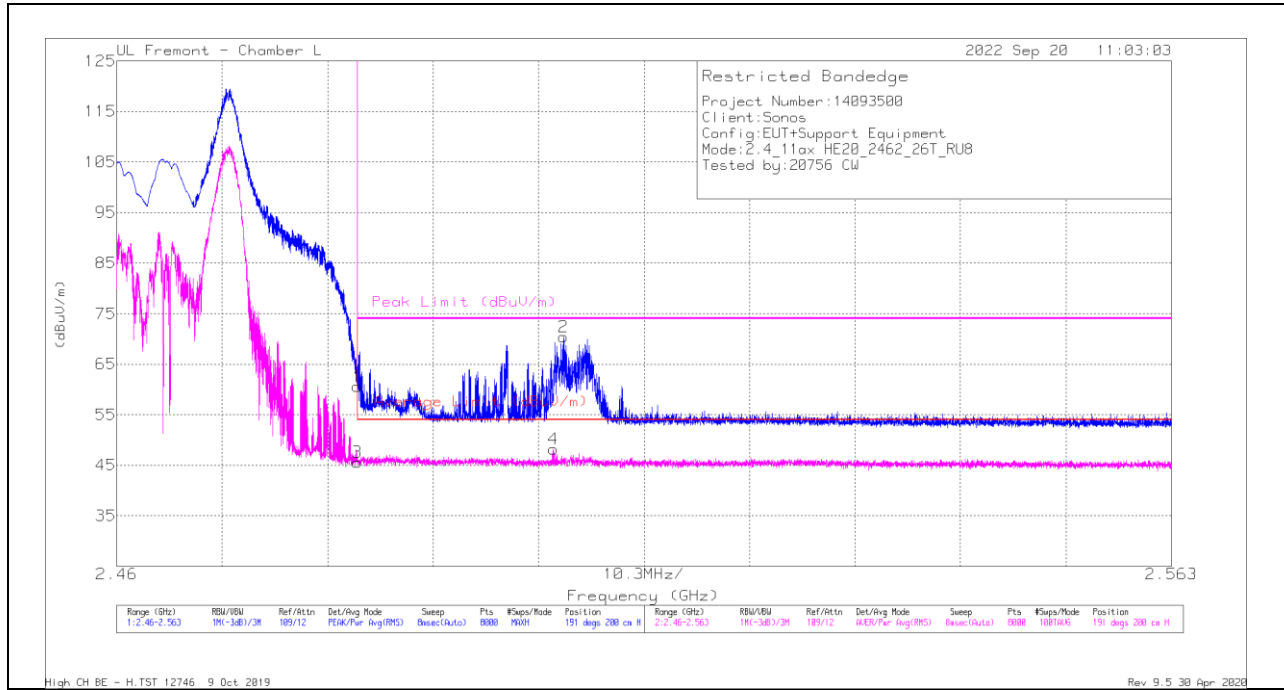


2TX Antenna 1 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 8

BANDEDGE (HIGH CHANNEL 11)

HORIZONTAL RESULT



Trace Markers

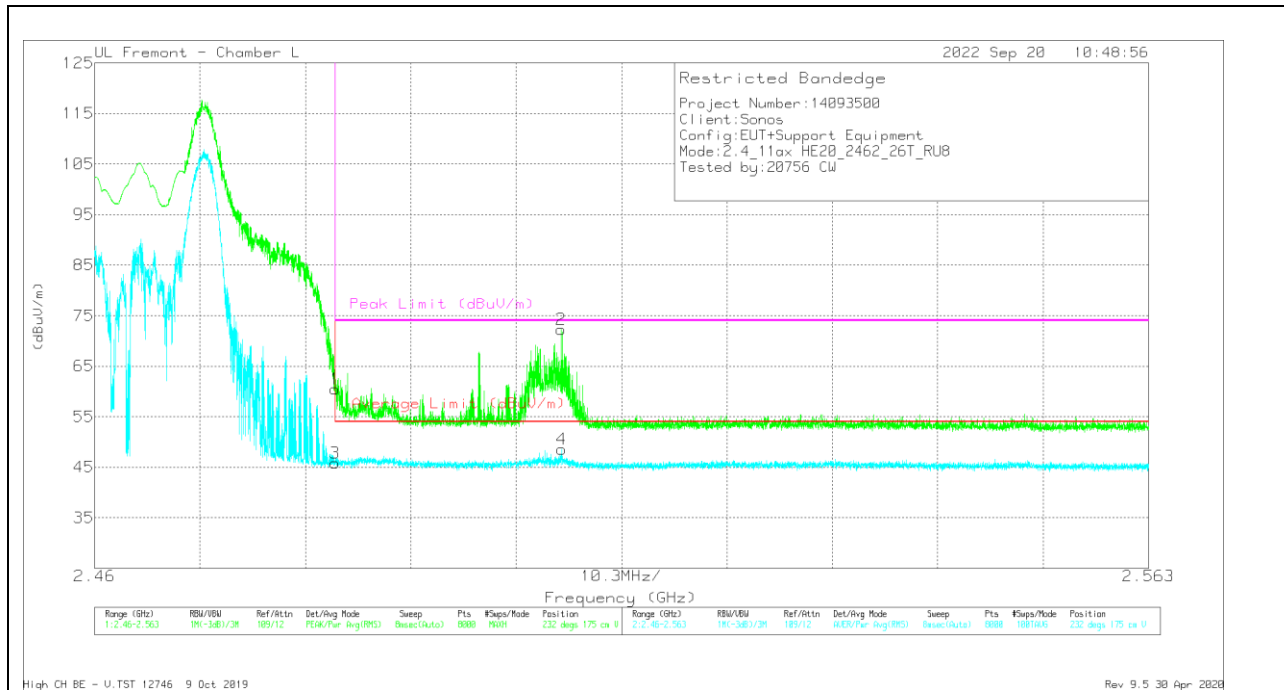
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	40.91	Pk	32.2	-12.5	0	60.61	-	-	74	-13.39	191	200	H
2	2.50361	50.59	Pk	32.2	-12.4	0	70.39	-	-	74	-3.61	191	200	H
3	* 2.4835	22.79	RMS	32.2	-12.5	3.04	45.53	54	-8.47	-	-	191	200	H
4	2.50265	25.35	RMS	32.2	-12.4	3.04	48.19	54	-5.81	-	-	191	200	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	40.81	Pk	32.2	-12.5	0	60.51	-	-	74	-13.49	232	175	V
2	2.50557	52.48	Pk	32.2	-12.4	0	72.28	-	-	74	-1.72	232	175	V
3	* 2.4835	23.08	RMS	32.2	-12.5	3.04	45.82	54	-8.18	-	-	232	175	V
4	2.50564	25.71	RMS	32.2	-12.4	3.04	48.55	54	-5.45	-	-	232	175	V

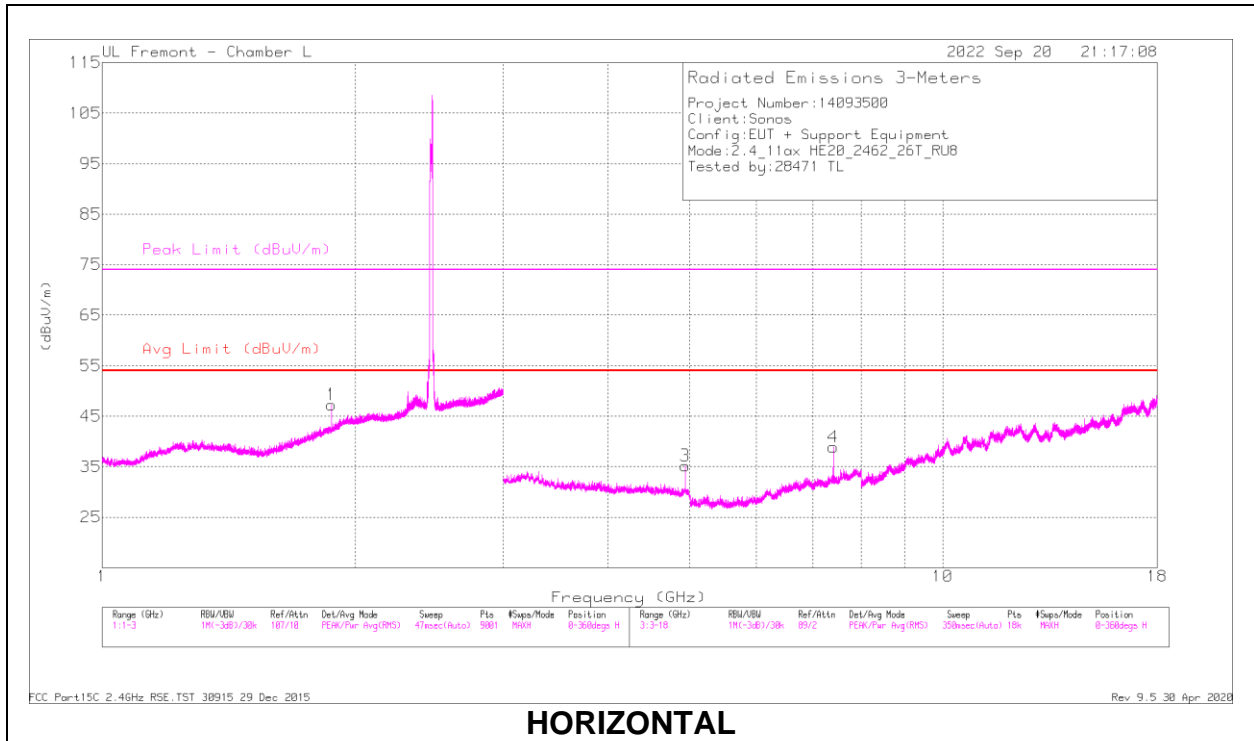
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

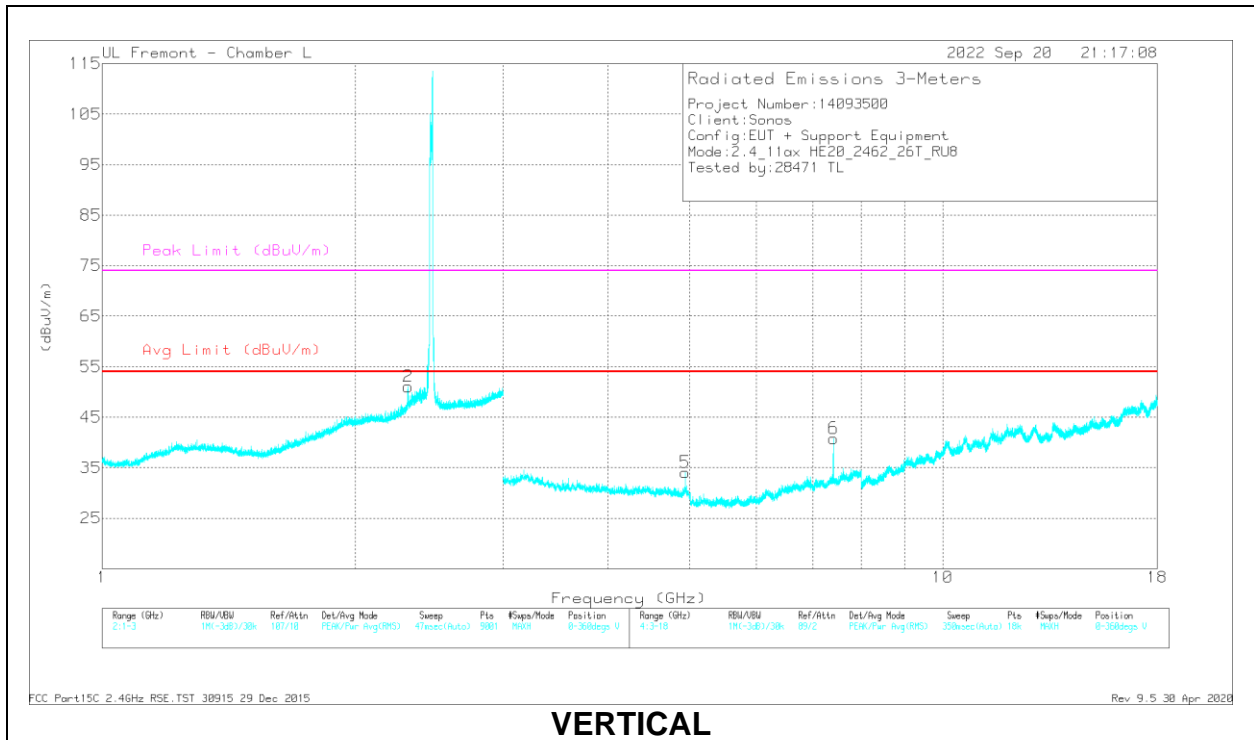
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL 11 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/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	1.87687	33.36	PK2	31.1	-14.3	0	50.16	-	-	-	-	64	286	H
2	* 2.37326	41.65	PK2	31.9	-12.7	0	60.85	-	-	74	-13.15	165	117	V
	* 2.31036	30.09	MAv1	31.9	-12.9	3.04	52.13	54	-1.87	-	-	165	117	V
3	* 4.94047	40.81	PK2	34.2	-25.3	0	49.71	-	-	74	-24.29	183	104	H
	* 4.94013	21.1	MAv1	34.2	-25.3	3.04	33.04	54	-20.96	-	-	183	104	H
4	* 7.41083	40.03	PK2	36	-22.3	0	53.73	-	-	74	-20.27	79	142	H
	* 7.41054	20.44	MAv1	36	-22.3	3.04	37.18	54	-16.82	-	-	79	142	H
5	* 4.93996	44.2	PK2	34.2	-25.3	0	53.1	-	-	74	-20.9	72	305	V
	* 4.94018	25.95	MAv1	34.2	-25.3	3.04	37.89	54	-16.11	-	-	72	305	V
6	* 7.41048	49.99	PK2	36	-22.3	0	63.69	-	-	74	-10.31	121	399	V
	* 7.41045	27.67	MAv1	36	-22.3	3.04	44.41	54	-9.59	-	-	121	399	V

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

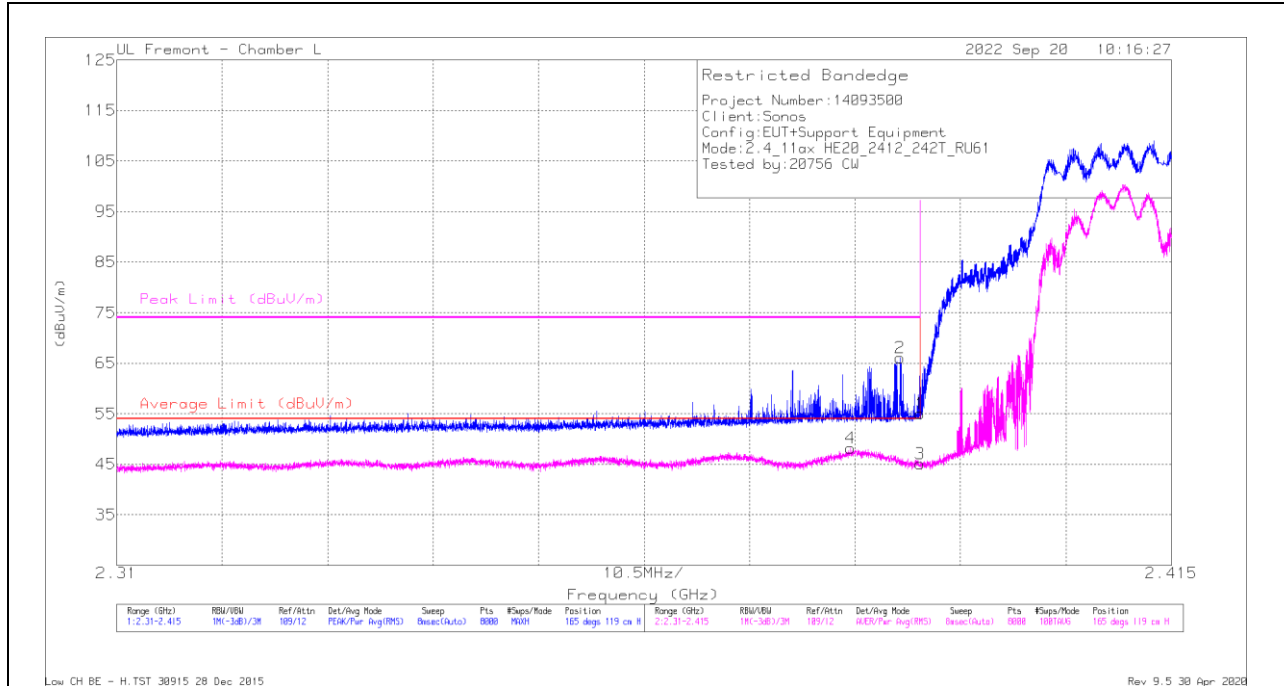
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

2TX Antenna 1 + Antenna 3 OFDMA MODE: 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL 1)

HORIZONTAL RESULT



Trace Markers

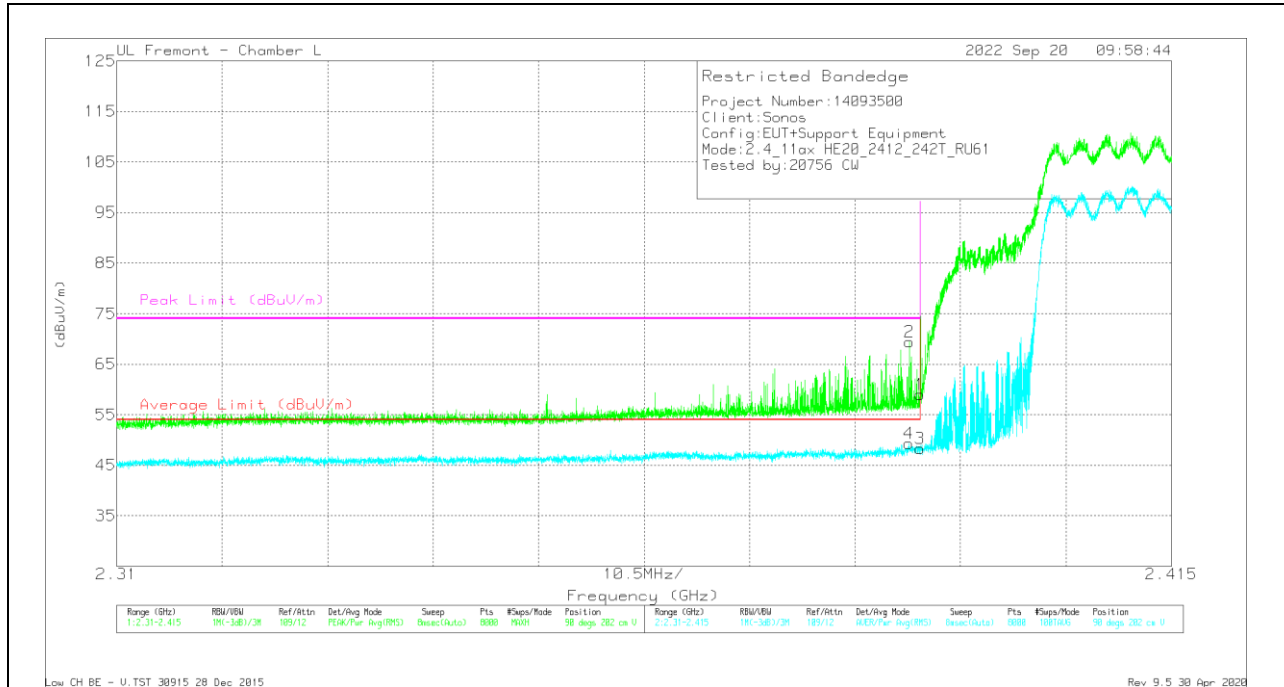
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	35.84	Pk	31.9	-12.7	0	55.04	-	-	74	-18.96	165	119	H
2	* 2.38799	46.9	Pk	31.9	-12.7	0	66.1	-	-	74	-7.9	165	119	H
3	* 2.39	21.71	RMS	31.9	-12.7	4.15	45.06	54	-8.94	-	-	165	119	H
4	* 2.38304	24.85	RMS	31.9	-12.7	4.15	48.2	54	-5.8	-	-	165	119	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	39.83	Pk	31.9	-12.7	0	59.03	-	-	74	-14.97	90	202	V
2	* 2.38892	50.14	Pk	31.9	-12.6	0	69.44	-	-	74	-4.56	90	202	V
3	* 2.39	24.93	RMS	31.9	-12.7	4.15	48.28	54	-5.72	-	-	90	202	V
4	* 2.38885	25.8	RMS	31.9	-12.6	4.15	49.25	54	-4.75	-	-	90	202	V

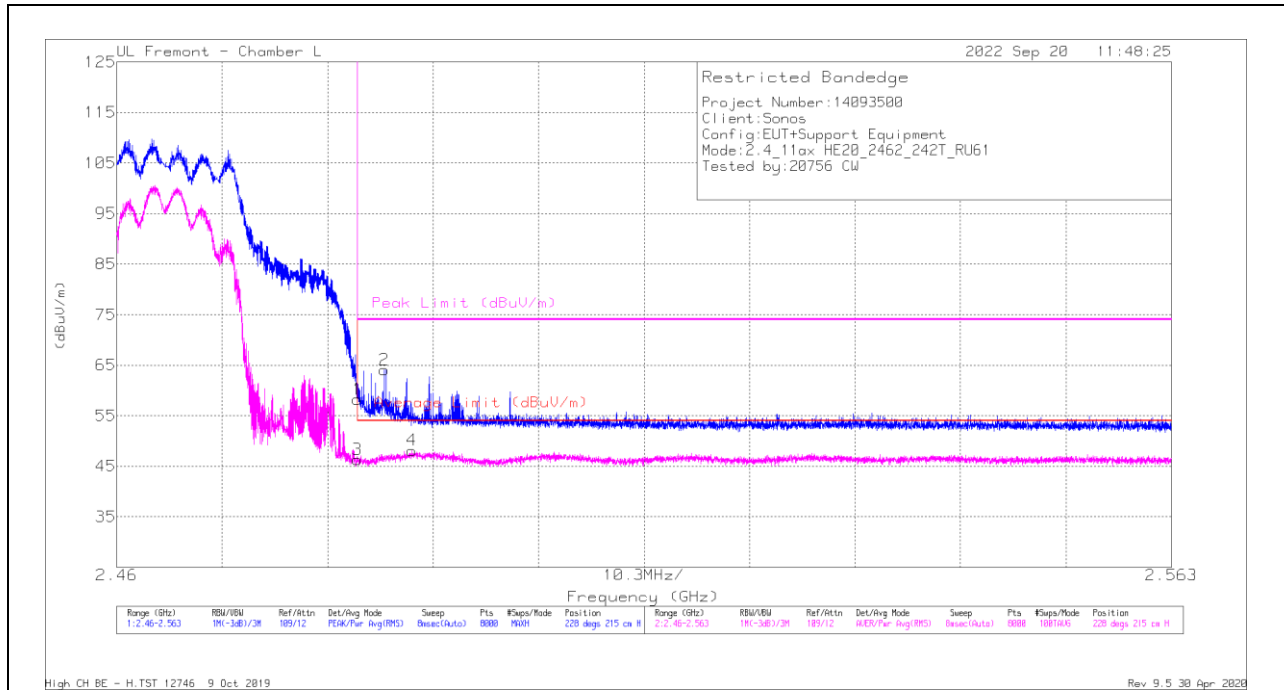
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL 11)

HORIZONTAL RESULT



Trace Markers

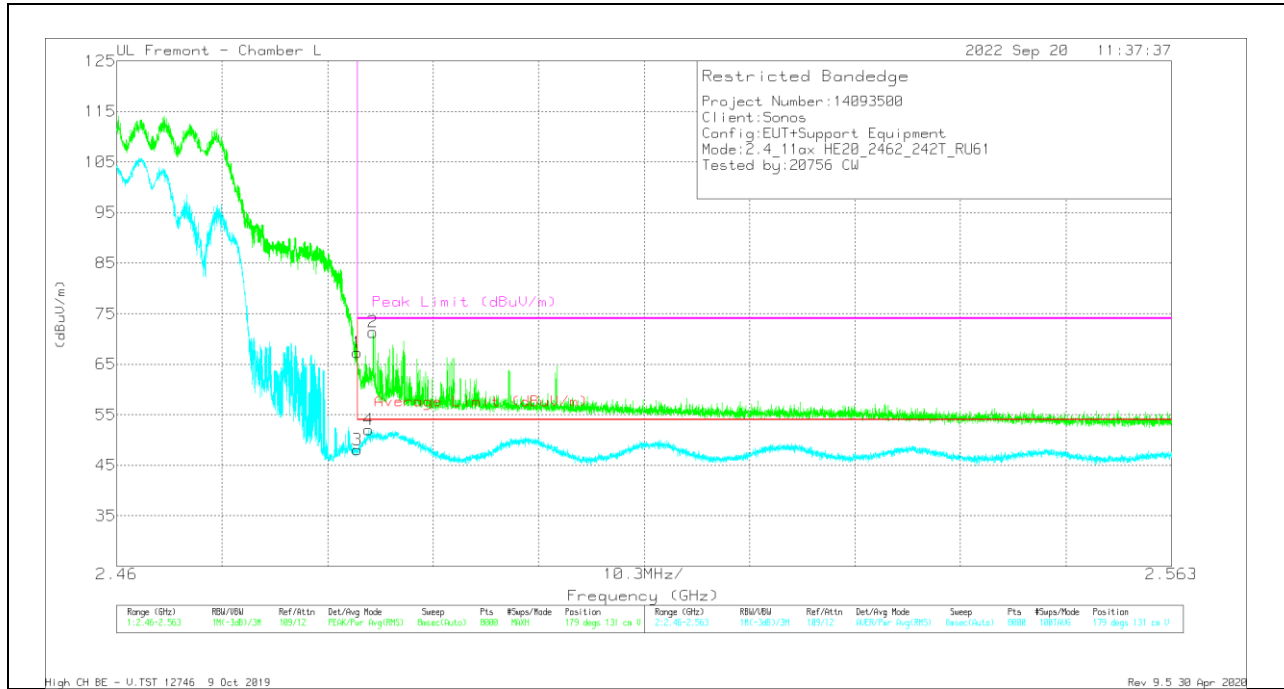
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	38.58	Pk	32.2	-12.5	0	58.28	-	-	74	-15.72	228	215	H
2	* 2.48614	44.39	Pk	32.2	-12.5	0	64.09	-	-	74	-9.91	228	215	H
3	* 2.4835	22.5	RMS	32.2	-12.5	4.15	46.35	54	-7.65	-	-	228	215	H
4	* 2.48879	24.27	RMS	32.2	-12.5	4.15	48.12	54	-5.88	-	-	228	215	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	47.65	Pk	32.2	-12.5	0	67.35	-	-	74	-6.65	179	131	V
2	* 2.48505	51.64	Pk	32.2	-12.5	0	71.34	-	-	74	-2.66	179	131	V
3	* 2.4835	24.25	RMS	32.2	-12.5	4.15	48.1	54	-5.9	-	-	179	131	V
4	* 2.48457	28.21	RMS	32.2	-12.5	4.15	52.06	54	-1.94	-	-	179	131	V

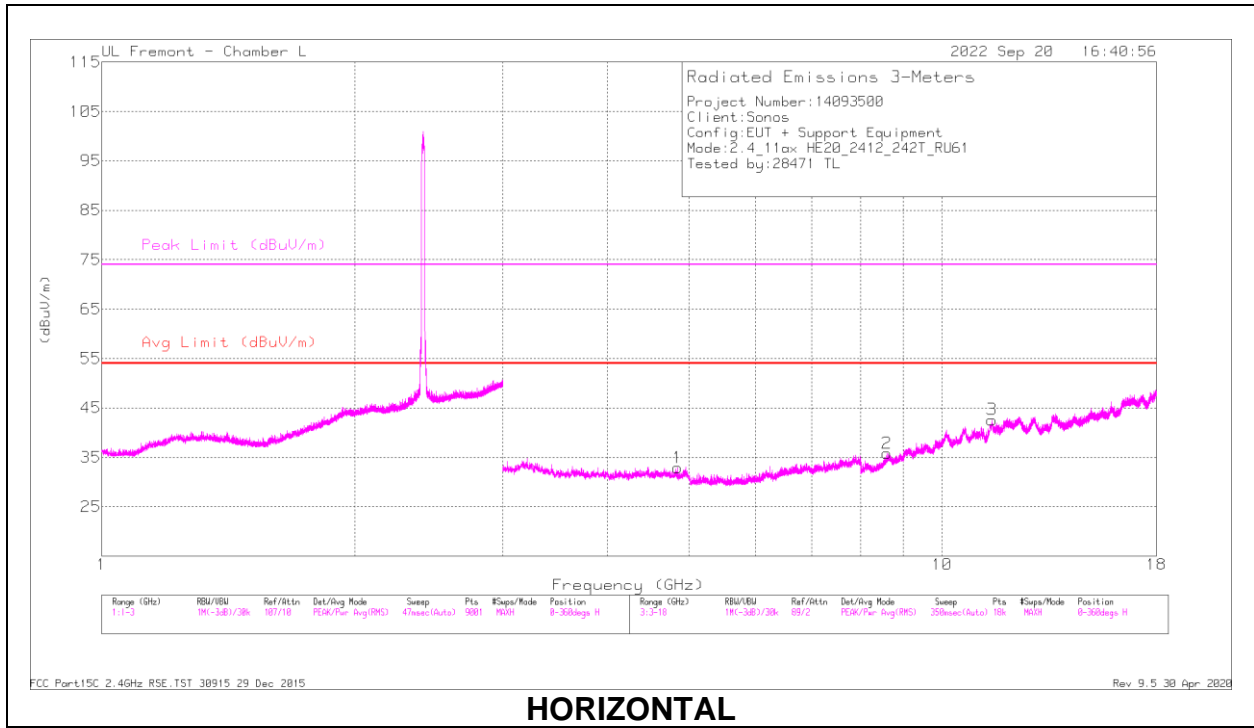
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

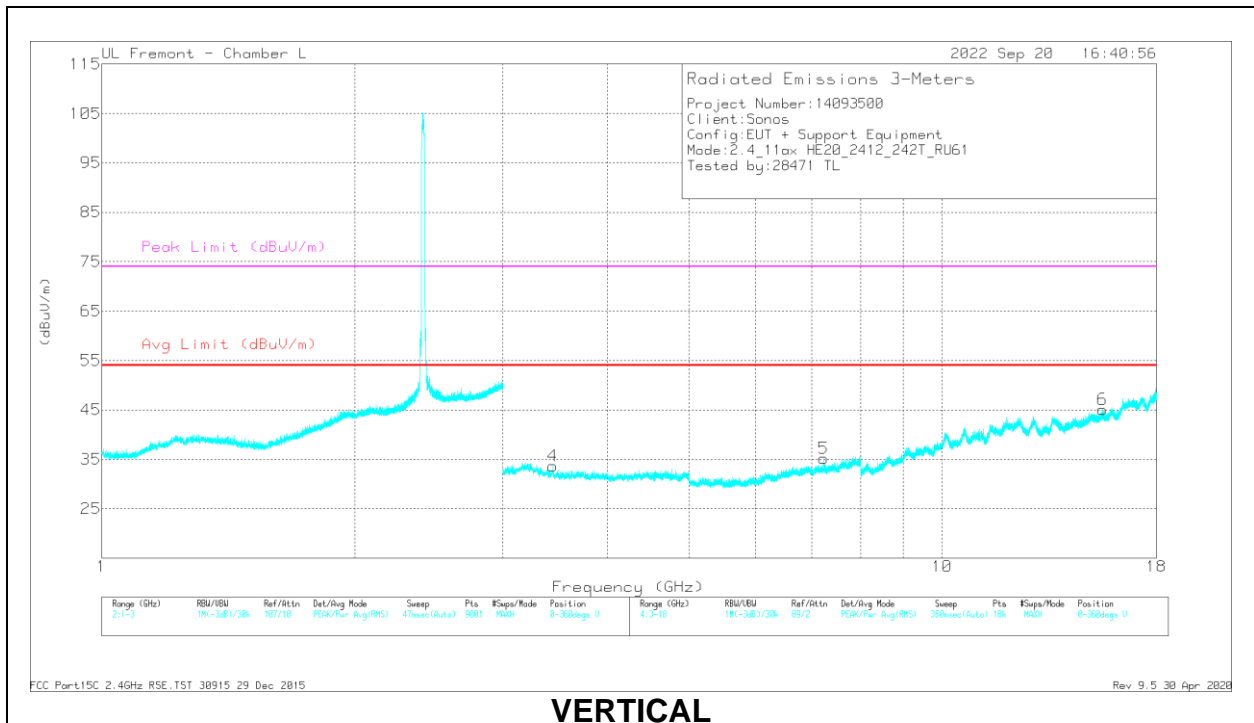
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL 1 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

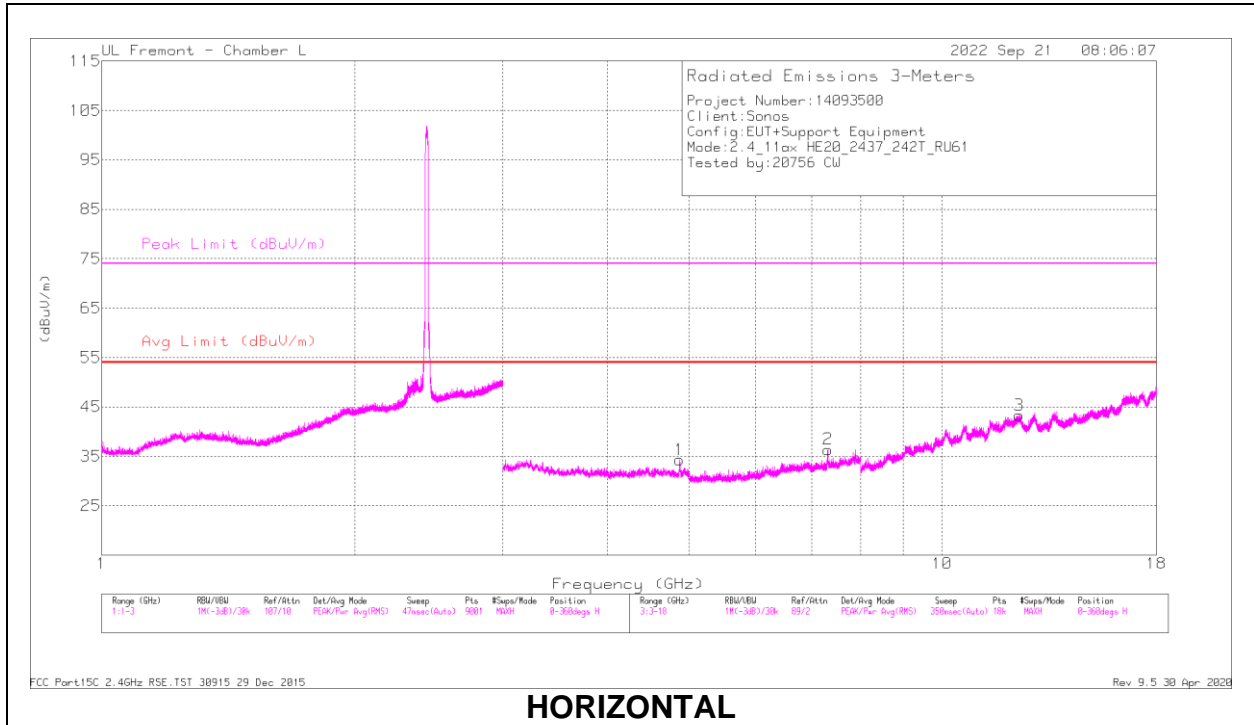
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cb/Fitr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.83275	37.17	PK2	34.1	-26.5	0	44.77	-	-	74	-29.23	19	365	H
	* 4.83653	25.2	MAv1	34.1	-26.6	4.15	36.85	54	-17.15	-	-	19	365	H
2	8.59324	29.23	PK2	35.8	-20	0	45.03	-	-	-	-	35	358	H
3	* 11.4672	29.85	PK2	38.7	-17.4	0	51.15	-	-	74	-22.85	129	194	H
	* 11.46719	18.34	MAv1	38.7	-17.4	4.15	43.79	54	-10.21	-	-	129	194	H
4	3.44316	36.4	PK2	33.3	-27.7	0	42	-	-	-	-	0	352	V
5	7.23416	37.18	PK2	35.9	-23.2	0	49.88	-	-	-	-	130	360	V
6	* 15.53713	28.61	PK2	40.6	-16.4	0	52.81	-	-	74	-21.19	83	232	V
	* 15.53843	17.9	MAv1	40.6	-16.4	4.15	46.25	54	-7.75	-	-	83	232	V

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

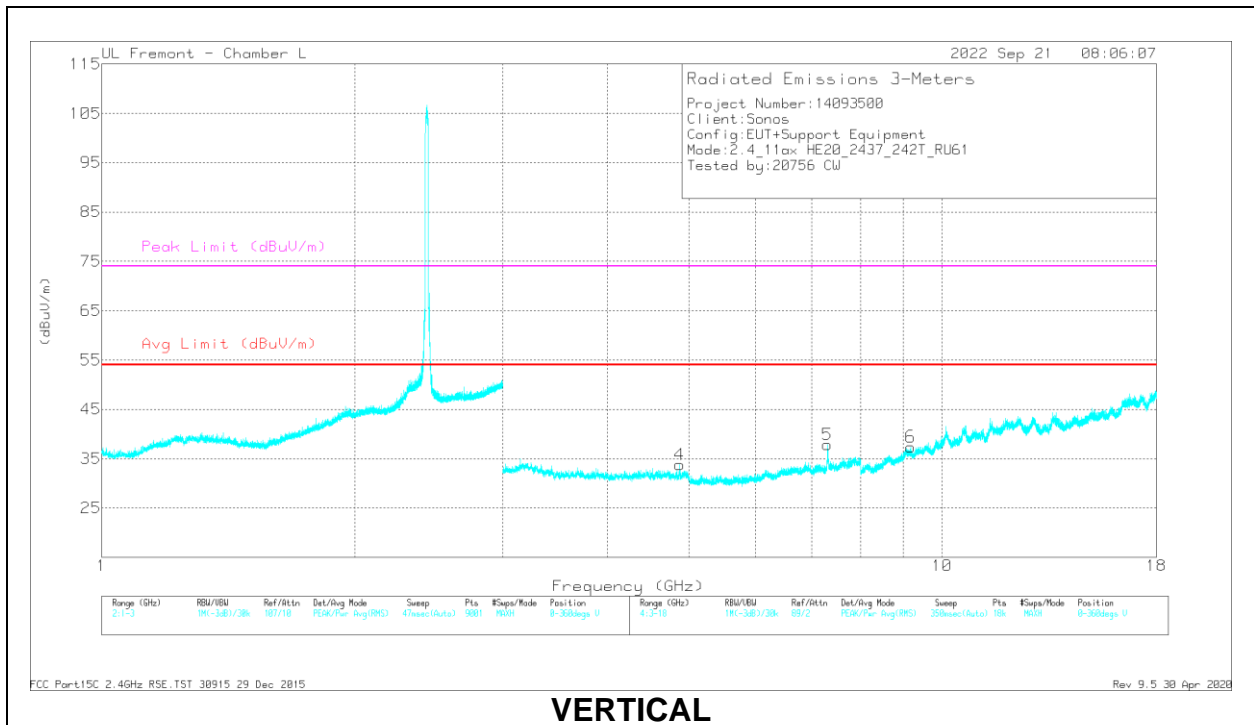
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL 6 RESULTS



HORIZONTAL



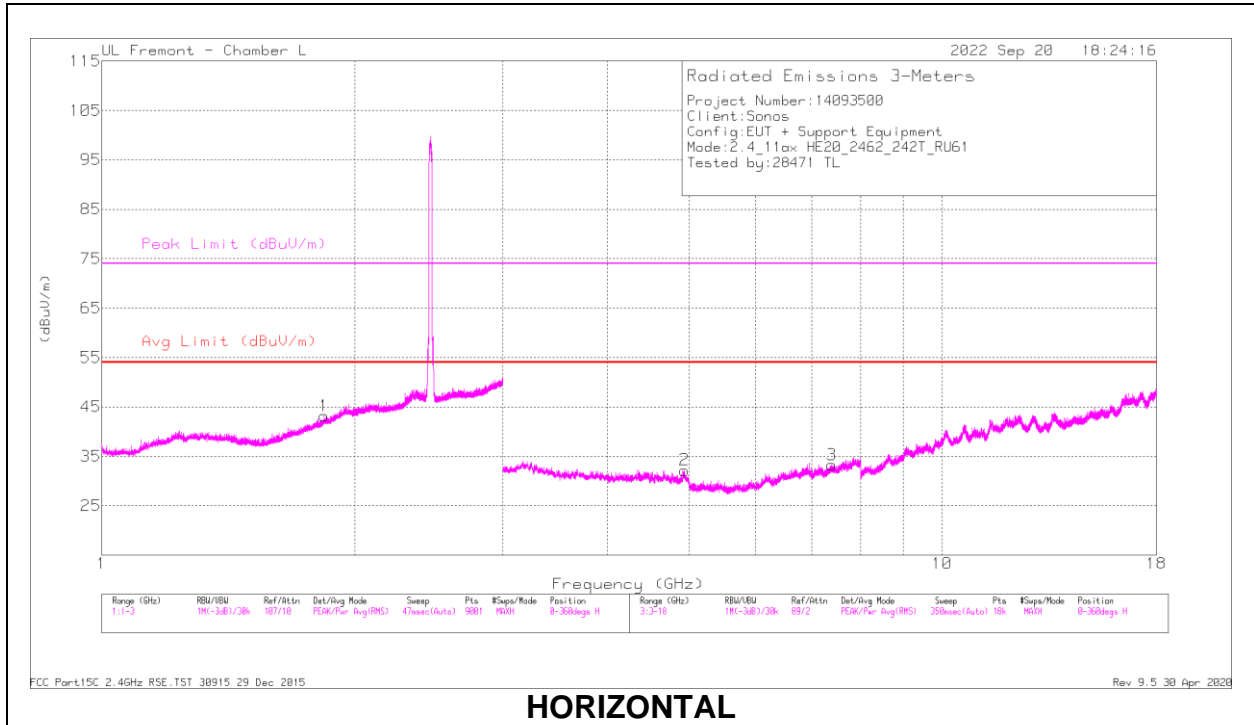
VERTICAL

RADIATED EMISSIONS

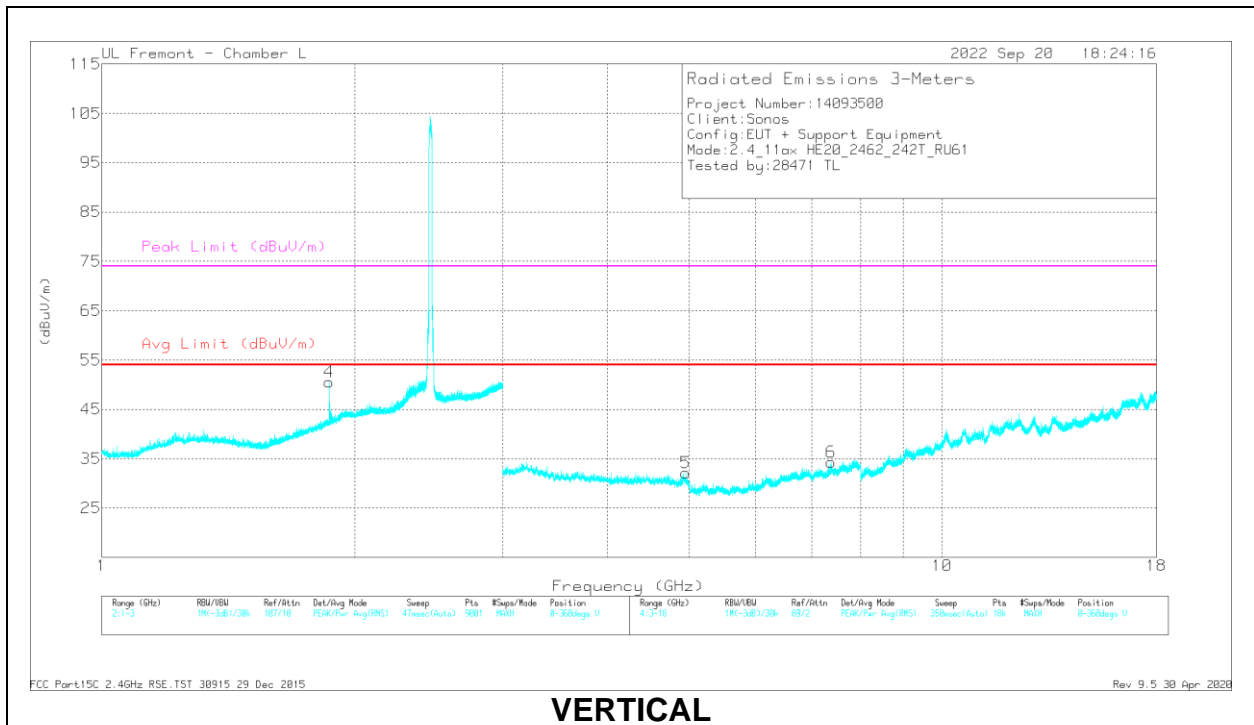
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cb/Fitr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.87489	33.29	PK2	34.2	-26.4	0	41.09	-	-	74	-32.91	37	133	H
	* 4.87227	22.34	MAv1	34.2	-26.5	4.15	34.19	54	-19.81	-	-	37	133	H
2	* 7.31807	37.04	PK2	35.9	-22.7	0	50.24	-	-	74	-23.76	123	364	H
	* 7.31574	22.53	MAv1	35.9	-22.8	4.15	39.78	54	-14.22	-	-	123	364	H
3	* 12.35922	29.06	PK2	39.4	-17.6	0	50.86	-	-	74	-23.14	168	174	H
	* 12.35863	18.75	MAv1	39.4	-17.6	4.15	44.7	54	-9.3	-	-	168	174	H
4	* 4.87704	35.33	PK2	34.2	-26.4	0	43.13	-	-	74	-30.87	160	396	V
	* 4.8743	25.41	MAv1	34.2	-26.4	4.15	37.36	54	-16.64	-	-	160	396	V
5	* 7.30324	35	PK2	35.9	-22.8	0	48.1	-	-	74	-25.9	274	101	V
	* 7.3057	18.25	MAv1	35.9	-22.8	4.15	35.5	54	-18.5	-	-	274	101	V
6	* 9.17751	28.91	PK2	36.3	-19.4	0	45.81	-	-	74	-28.19	246	195	V
	* 9.18052	17.73	MAv1	36.3	-19.4	4.15	38.78	54	-15.22	-	-	246	195	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



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	1.84949	36.39	PK2	31.1	-14.4	0	53.09	-	-	-	-	245	338	H
4	1.86389	34.1	PK2	31.1	-14.3	0	50.9	-	-	-	-	55	205	V
2	* 4.92913	35.91	PK2	34.2	-25.4	0	44.71	-	-	74	-29.29	181	102	H
	* 4.92487	21.88	MAv1	34.2	-25.5	4.15	34.73	54	-19.27	-	-	181	102	H
3	* 7.39955	31.39	PK2	35.9	-22.3	0	44.99	-	-	74	-29.01	206	360	H
	* 7.39904	20.1	MAv1	35.9	-22.3	4.15	37.85	54	-16.15	-	-	206	360	H
5	* 4.95618	33.55	PK2	34.2	-25.4	0	42.35	-	-	74	-31.65	39	364	V
	* 4.95324	23.71	MAv1	34.2	-25.3	4.15	36.76	54	-17.24	-	-	39	364	V
6	* 7.38616	36.16	PK2	35.9	-22.4	0	49.66	-	-	74	-24.34	139	358	V
	* 7.38609	21.19	MAv1	35.9	-22.4	4.15	38.84	54	-15.16	-	-	139	358	V

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

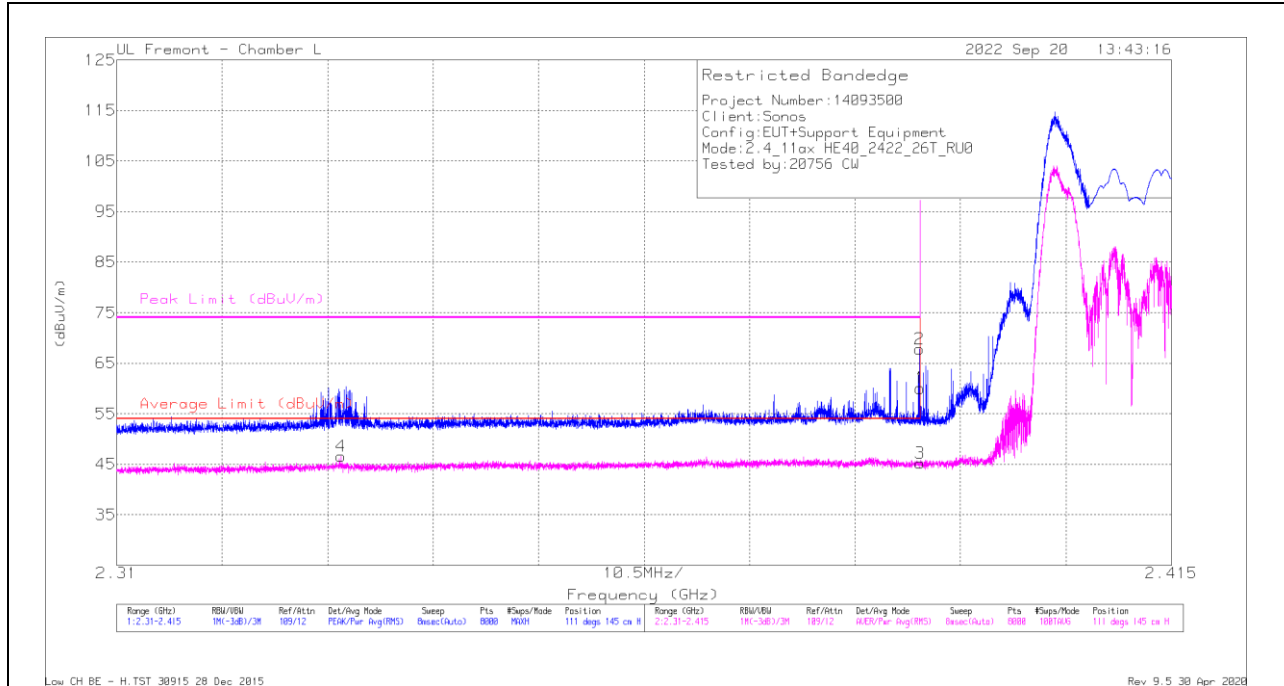
PK2 - KDB558074 Method: Maximum Peak

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

HORIZONTAL RESULT



Trace Markers

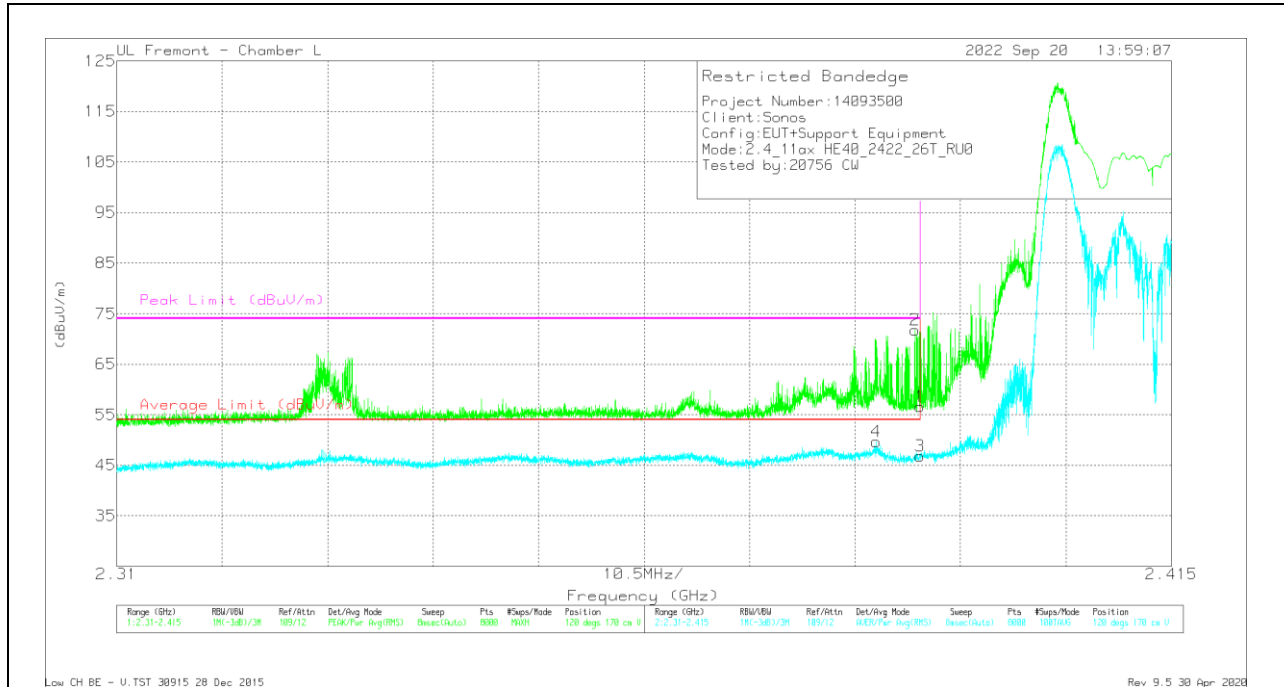
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	40.84	Pk	31.9	-12.7	0	60.04	-	-	74	-13.96	111	145	H
2	* 2.38994	48.55	Pk	31.9	-12.7	0	67.75	-	-	74	-6.25	111	145	H
3	* 2.39	22.93	RMS	31.9	-12.7	3.12	45.25	54	-8.75	-	-	111	145	H
4	* 2.33232	24.27	RMS	32	-12.8	3.12	46.59	54	-7.41	-	-	111	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	37.43	Pk	31.9	-12.7	0	56.63	-	-	74	-17.37	120	170	V
2	* 2.38946	52.5	Pk	31.9	-12.6	0	71.8	-	-	74	-2.2	120	170	V
3	* 2.39	24.53	RMS	31.9	-12.7	3.12	46.85	54	-7.15	-	-	120	170	V
4	* 2.38562	27.33	RMS	31.9	-12.7	3.12	49.65	54	-4.35	-	-	120	170	V

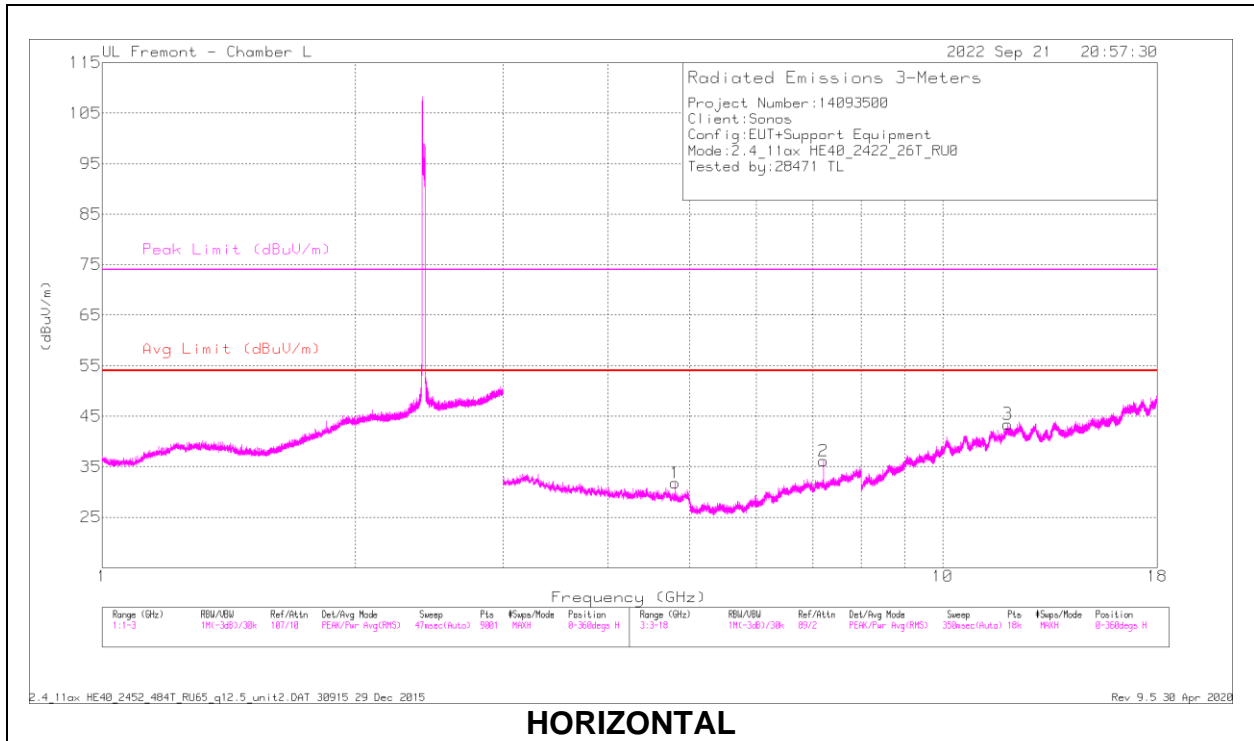
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

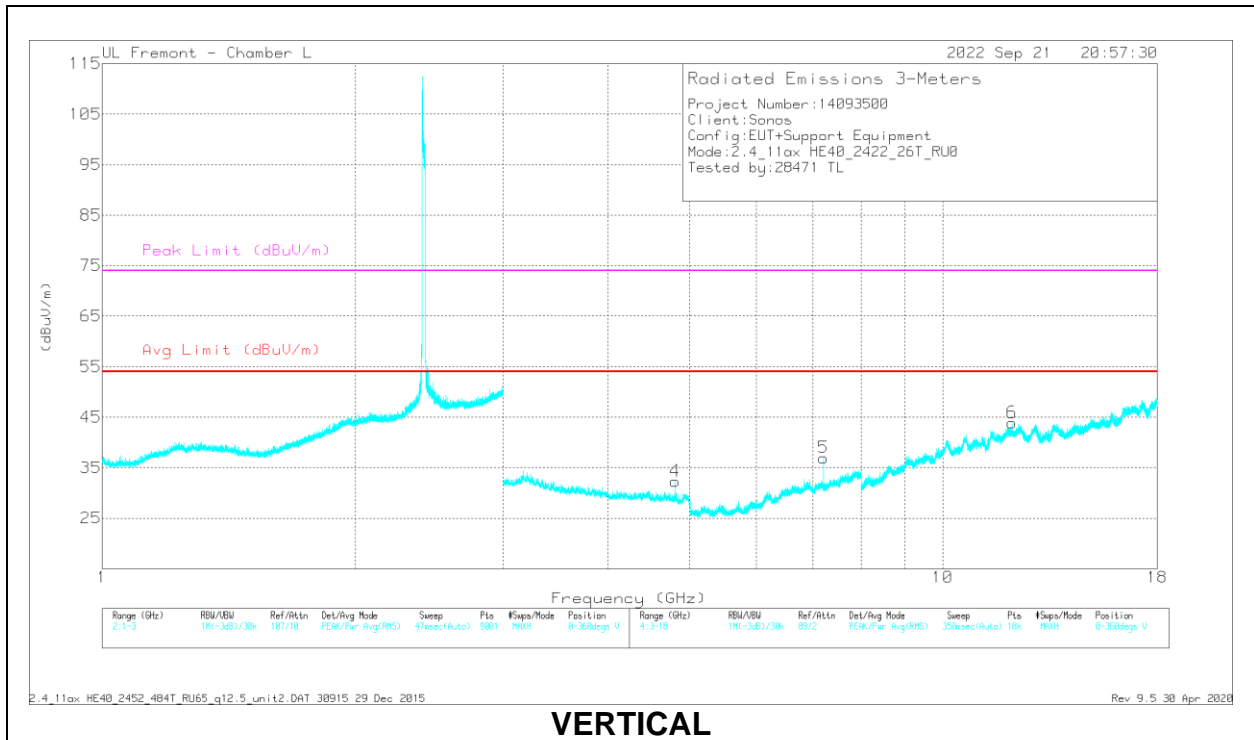
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL 3 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/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	* 4.80852	43.9	PK2	34.1	-26.5	0	51.5	-	-	74	-22.5	248	146	H
	* 4.8089	25.86	MAv1	34.1	-26.5	3.12	36.58	54	-17.42	-	-	248	146	H
2	7.21239	48.06	PK2	35.9	-23.1	0	60.86	-	-	-	-	256	108	H
3	* 11.94905	30.49	PK2	39.2	-17.4	0	52.29	-	-	74	-21.71	313	189	H
	* 11.94369	18.85	MAv1	39.2	-17.6	3.12	43.57	54	-10.43	-	-	313	189	H
4	* 4.80925	43.65	PK2	34.1	-26.5	0	51.25	-	-	74	-22.75	246	352	V
	* 4.80822	28.1	MAv1	34.1	-26.6	3.12	38.72	54	-15.28	-	-	246	352	V
5	7.21188	53.27	PK2	35.9	-23.1	0	66.07	-	-	-	-	96	363	V
6	* 12.08909	30.14	PK2	39.4	-18	0	51.54	-	-	74	-22.46	269	104	V
	* 12.09607	19.11	MAv1	39.4	-17.9	3.12	43.73	54	-10.27	-	-	269	104	V

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

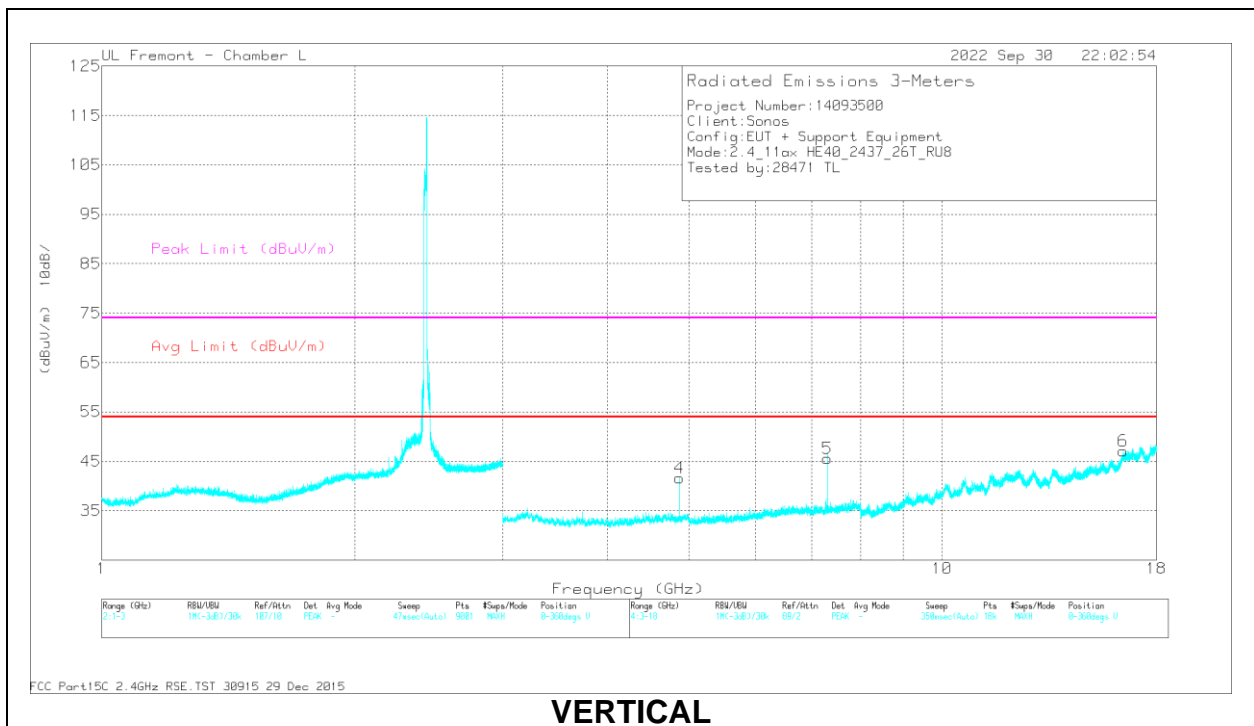
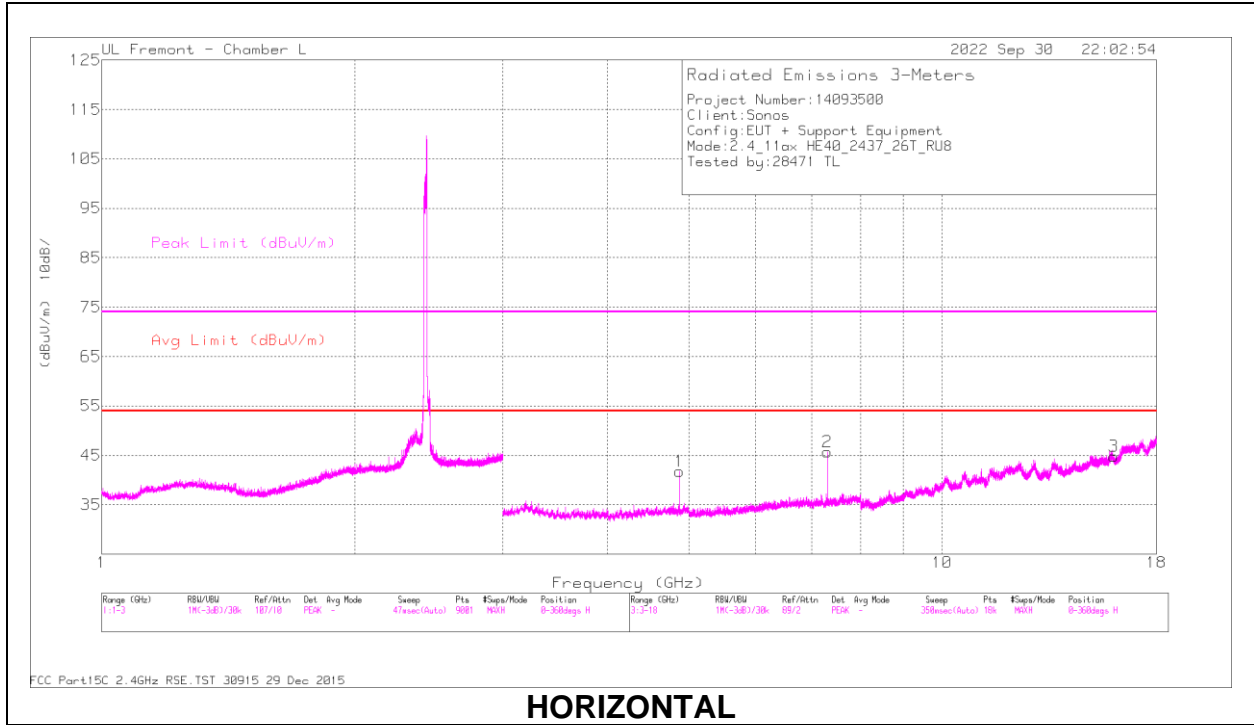
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

2TX Antenna 1 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 8

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL 6 RESULTS



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	* 4.871651	52.31	PK2	34.2	-26.5	0	60.01	-	-	74	-13.99	39	167	H
	* 4.871426	30.15	MAv1	34.2	-26.5	3.12	40.97	54	-13.03	-	-	39	167	H
2	* 7.30611	56.02	PK2	35.9	-22.8	0	69.12	-	-	74	-4.88	302	225	H
	* 7.306125	33.22	MAv1	35.9	-22.8	3.12	49.44	54	-4.56	-	-	302	225	H
3	* 15.999284	28.61	PK2	41	-16.6	0	53.01	-	-	74	-20.99	283	241	H
	* 16.005084	16.97	MAv1	41	-16.6	3.12	44.49	54	-9.51	-	-	283	241	H
4	* 4.872227	53.42	PK2	34.2	-26.5	0	61.12	-	-	74	-12.88	7	392	V
	* 4.871792	33.19	MAv1	34.2	-26.5	3.12	44.01	54	-9.99	-	-	7	392	V
5	* 7.305601	54.2	PK2	35.9	-22.8	0	67.3	-	-	74	-6.7	137	379	V
	* 7.307998	29.66	MAv1	35.9	-22.8	3.12	45.88	54	-8.12	-	-	137	379	V
6	16.411795	30.88	PK2	41.6	-16.5	0	55.98	-	-	-	-	186	104	V

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

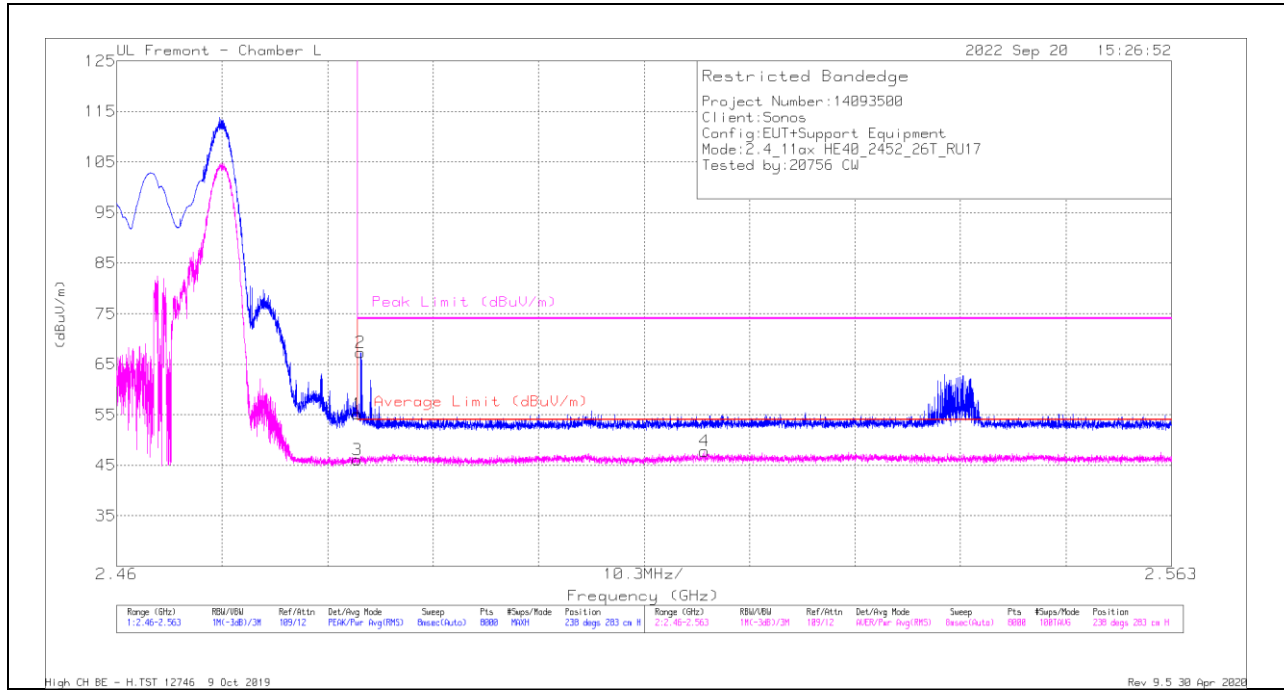
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

2TX Antenna 1 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 17

BANDEDGE (HIGH CHANNEL 9)

HORIZONTAL RESULT



Trace Markers

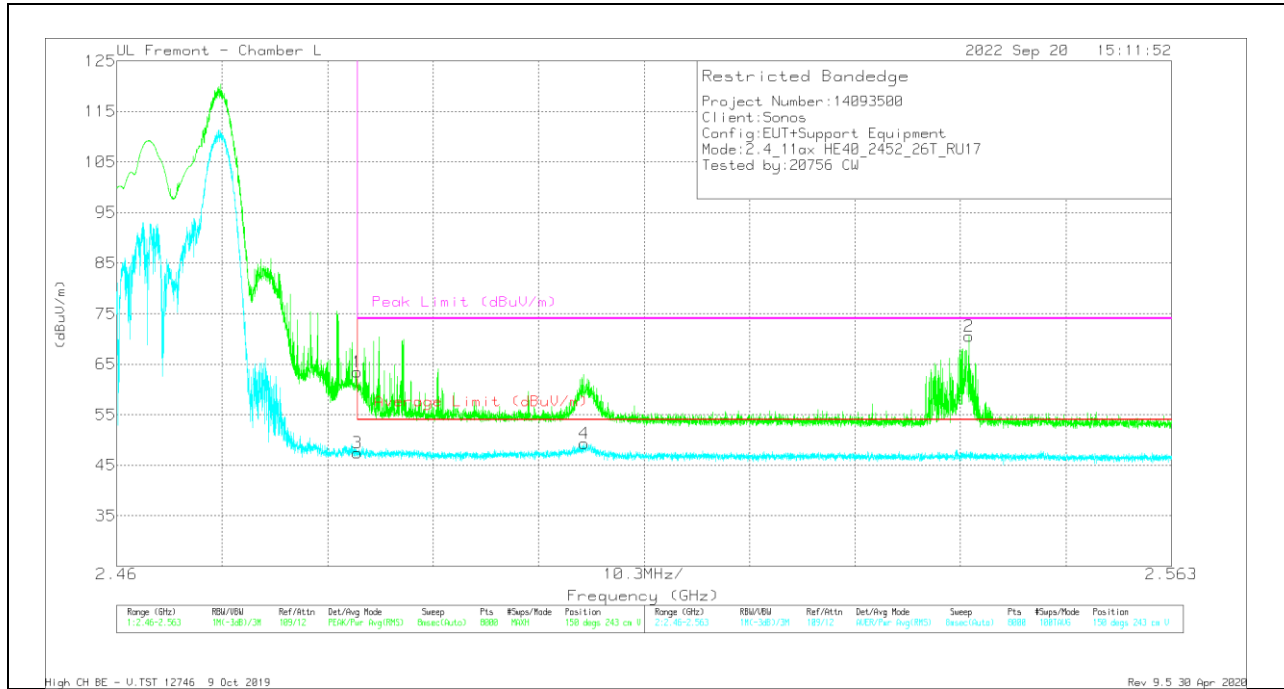
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	35.42	Pk	32.2	-12.5	0	55.12	-	-	74	-18.88	238	283	H
2	* 2.4838	47.56	Pk	32.2	-12.5	0	67.26	-	-	74	-6.74	238	283	H
3	* 2.4835	22.14	RMS	32.2	-12.5	3.12	44.96	54	-9.04	-	-	238	283	H
4	2.51741	23.63	RMS	32.3	-12.4	3.12	46.65	54	-7.35	-	-	238	283	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	43.76	Pk	32.2	-12.5	0	63.46	-	-	74	-10.54	150	243	V
2	2.54321	50.39	Pk	32.4	-12.3	0	70.49	-	-	74	-3.51	150	243	V
3	* 2.4835	23.51	RMS	32.2	-12.5	3.12	46.33	54	-7.67	-	-	150	243	V
4	2.50562	25.29	RMS	32.2	-12.4	3.12	48.21	54	-5.79	-	-	150	243	V

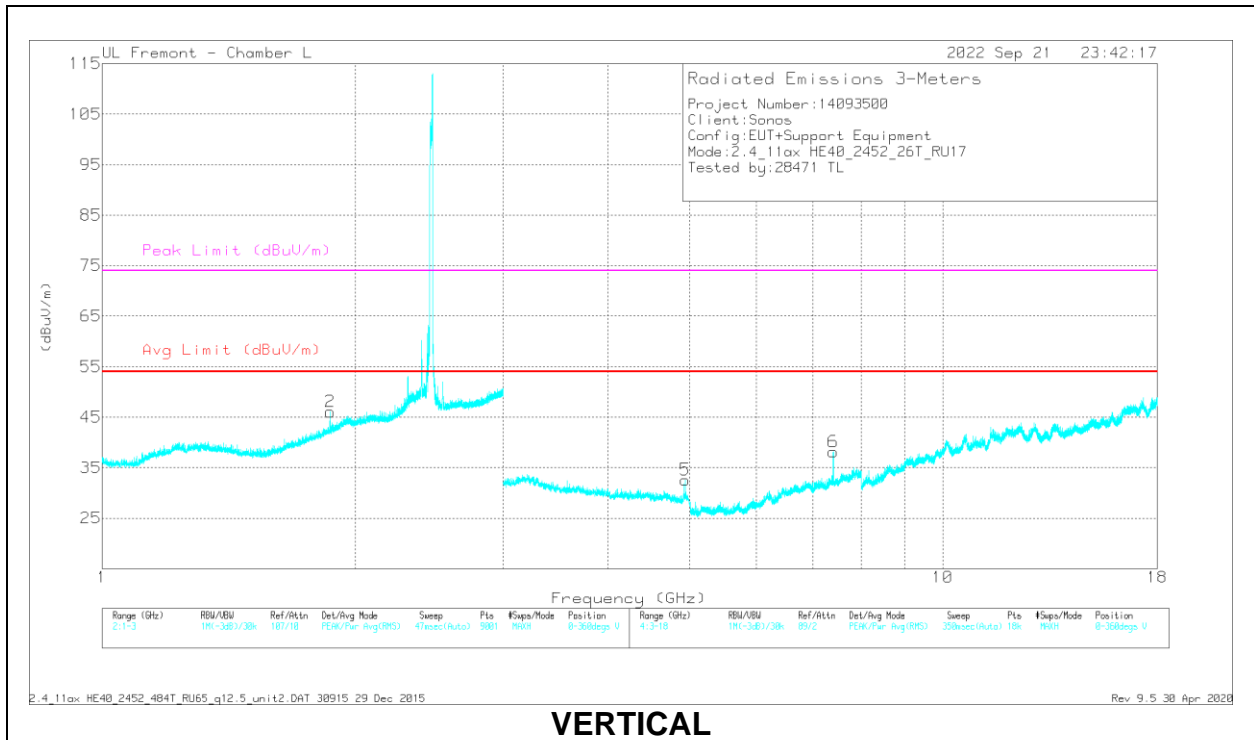
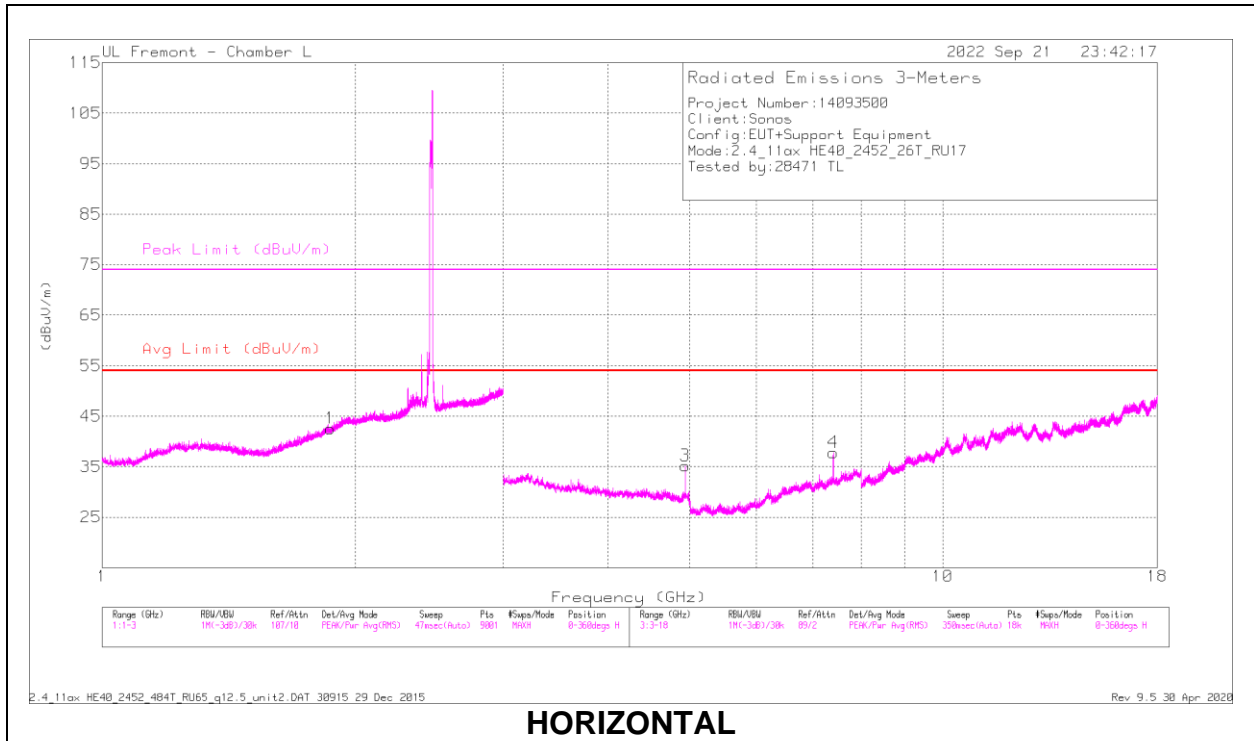
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL 9 RESULTS



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	1.86226	40.18	PK2	31.1	-14.3	0	56.98	-	-	-	-	170	117	H
2	1.87335	36.59	PK2	31.1	-14.3	0	53.39	-	-	-	-	13	216	V
3	* 4.93956	41.25	PK2	34.2	-25.3	0	50.15	-	-	74	-23.85	64	106	H
	* 4.93924	23.29	MAv1	34.3	-25.3	3.12	35.41	54	-18.59	-	-	64	106	H
4	* 7.41084	47.82	PK2	36	-22.3	0	61.52	-	-	74	-12.48	301	171	H
	* 7.40945	24.63	MAv1	36	-22.3	3.12	41.45	54	-12.55	-	-	301	171	H
5	* 4.93928	48.15	PK2	34.3	-25.3	0	57.15	-	-	74	-16.85	134	361	V
	* 4.93965	29.14	MAv1	34.2	-25.3	3.12	41.16	54	-12.84	-	-	134	361	V
6	* 7.40857	50.34	PK2	36	-22.3	0	64.04	-	-	74	-9.96	138	398	V
	* 7.40999	26.93	MAv1	36	-22.3	3.12	43.75	54	-10.25	-	-	138	398	V

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

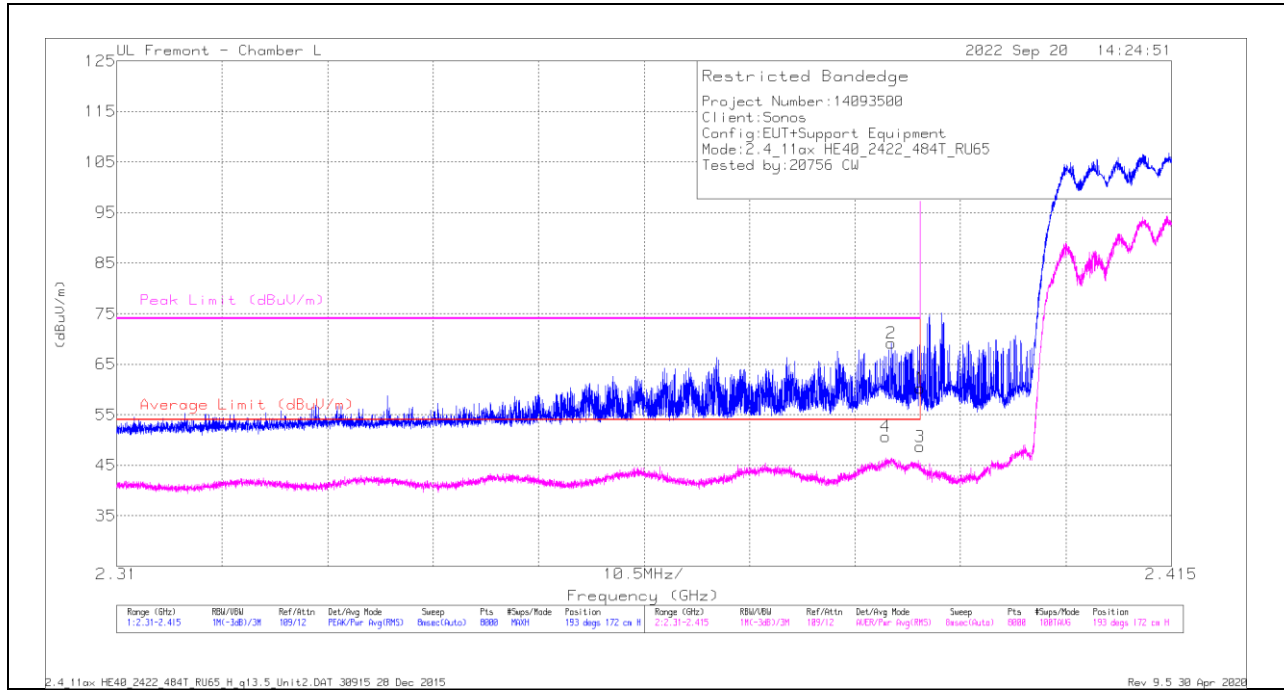
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

2TX Antenna 1 + Antenna 3 OFDMA MODE: 484-Tones, RU Index 65

BANDEDGE (LOW CHANNEL 3)

HORIZONTAL RESULT



Trace Markers

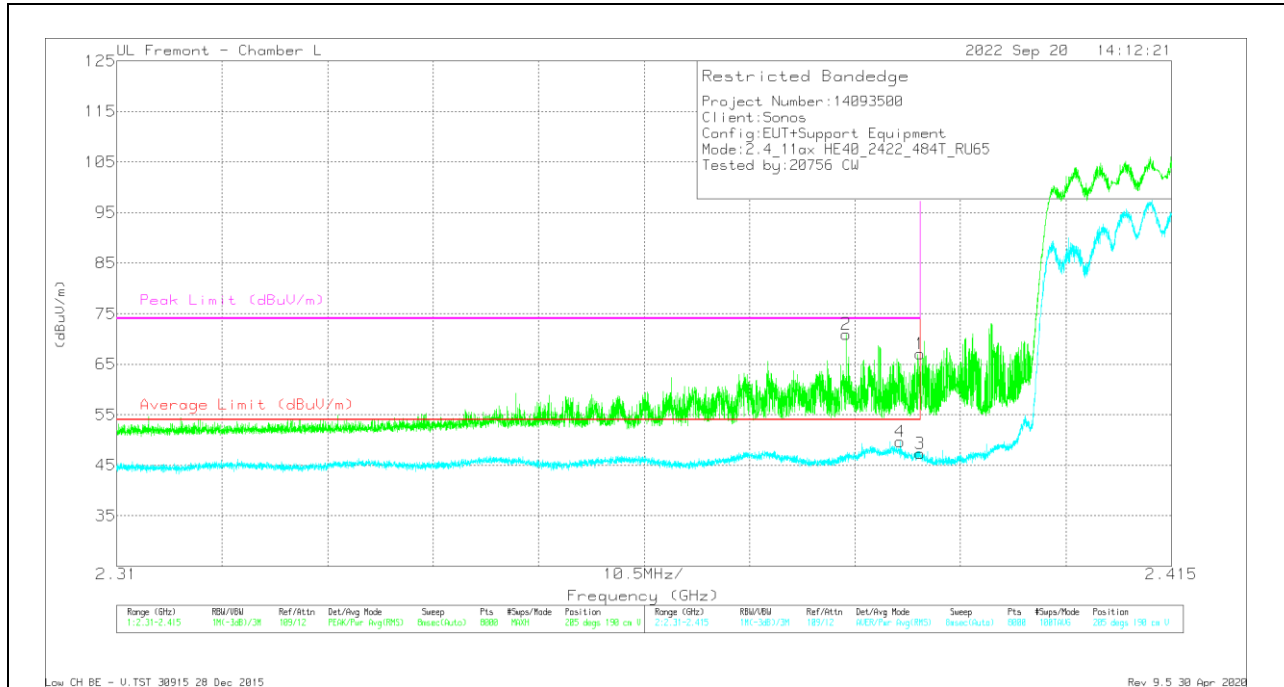
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41	Pk	31.9	-12.7	0	60.2	-	-	74	-13.8	193	172	H
2	* 2.38711	49.94	Pk	31.9	-12.7	0	69.14	-	-	74	-4.86	193	172	H
3	* 2.39	25.3	RMS	31.9	-12.7	4.22	48.72	54	-5.28	-	-	193	172	H
4	* 2.38656	27.29	RMS	31.9	-12.7	4.22	50.71	54	-3.29	-	-	193	172	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	47.83	Pk	31.9	-12.7	0	67.03	-	-	74	-6.97	205	190	V
2	* 2.38262	51.76	Pk	31.9	-12.7	0	70.96	-	-	74	-3.04	205	190	V
3	* 2.39	23.9	RMS	31.9	-12.7	4.22	47.32	54	-6.68	-	-	205	190	V
4	* 2.388	26.23	RMS	31.9	-12.7	4.22	49.65	54	-4.35	-	-	205	190	V

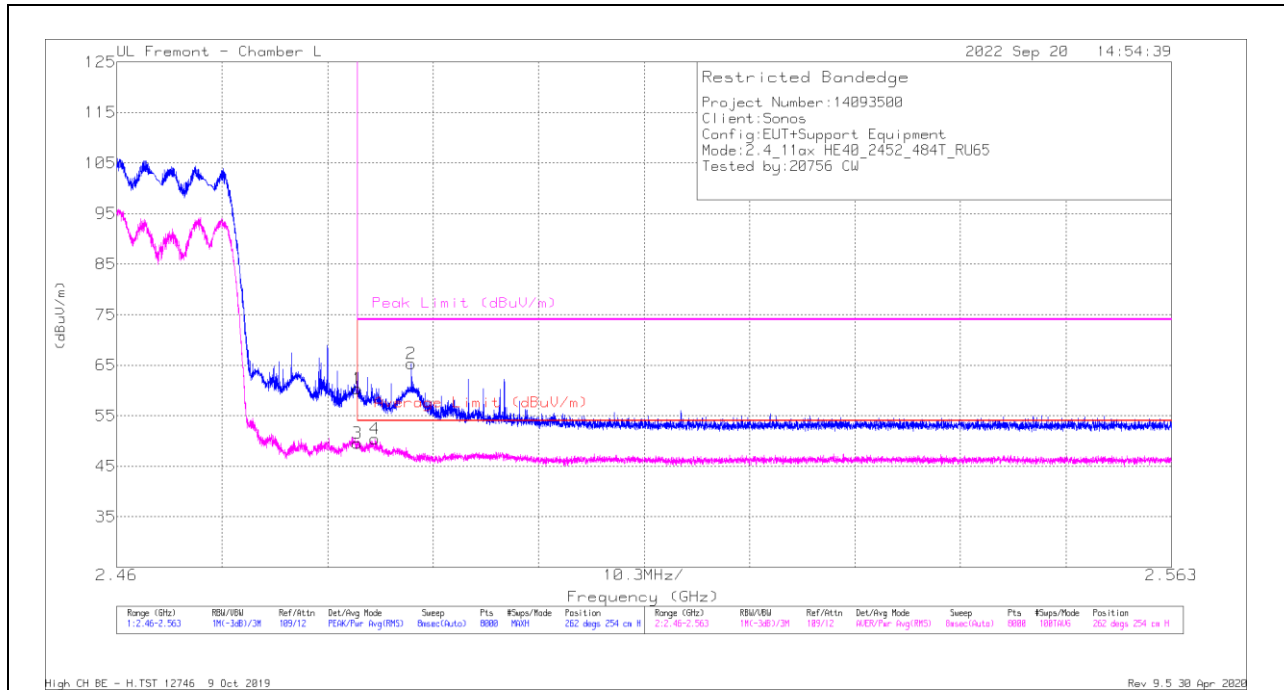
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL 9)

HORIZONTAL RESULT



Trace Markers

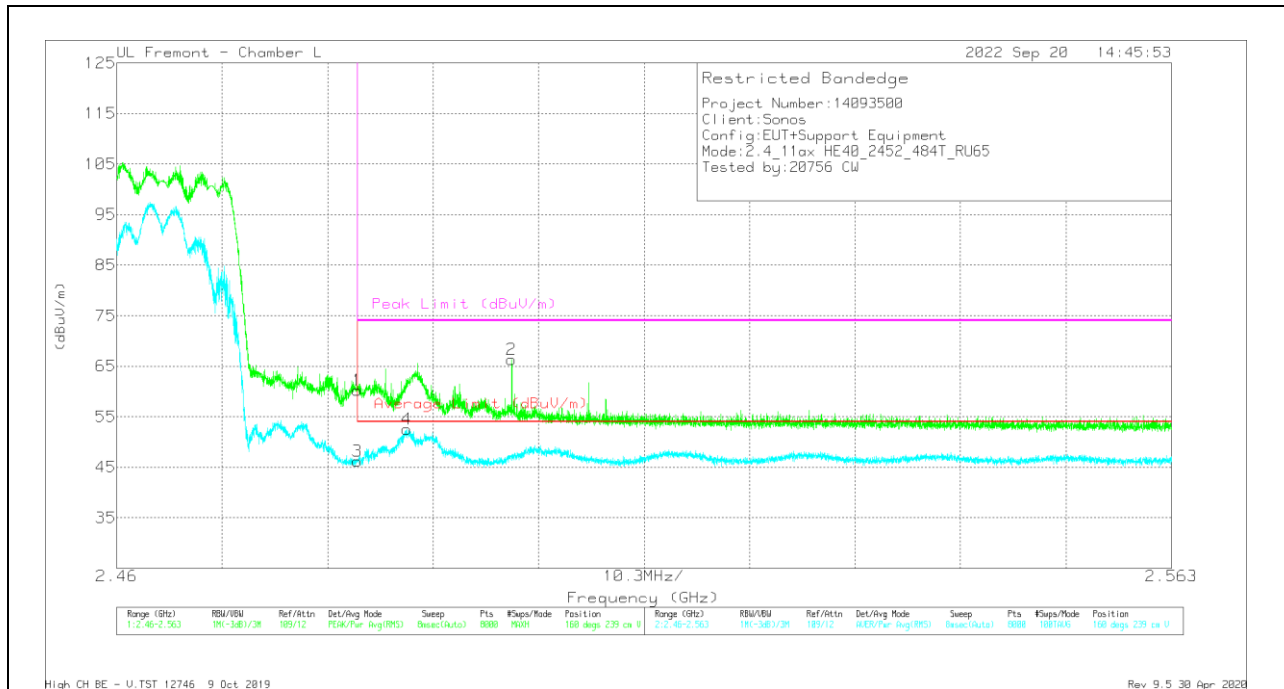
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	40.67	Pk	32.2	-12.5	0	60.37	-	-	74	-13.63	262	254	H
2	* 2.48878	45.67	Pk	32.2	-12.5	0	65.37	-	-	74	-8.63	262	254	H
3	* 2.4835	25.68	RMS	32.2	-12.5	4.22	49.6	54	-4.4	-	-	262	254	H
4	* 2.48523	26.47	RMS	32.2	-12.5	4.22	50.39	54	-3.61	-	-	262	254	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	40.48	Pk	32.2	-12.5	0	60.18	-	-	74	-13.82	160	239	V
2	* 2.49858	46.49	Pk	32.2	-12.4	0	66.29	-	-	74	-7.71	160	239	V
3	* 2.4835	22.26	RMS	32.2	-12.5	4.22	46.18	54	-7.82	-	-	160	239	V
4	* 2.48834	28.62	RMS	32.2	-12.5	4.22	52.54	54	-1.46	-	-	160	239	V

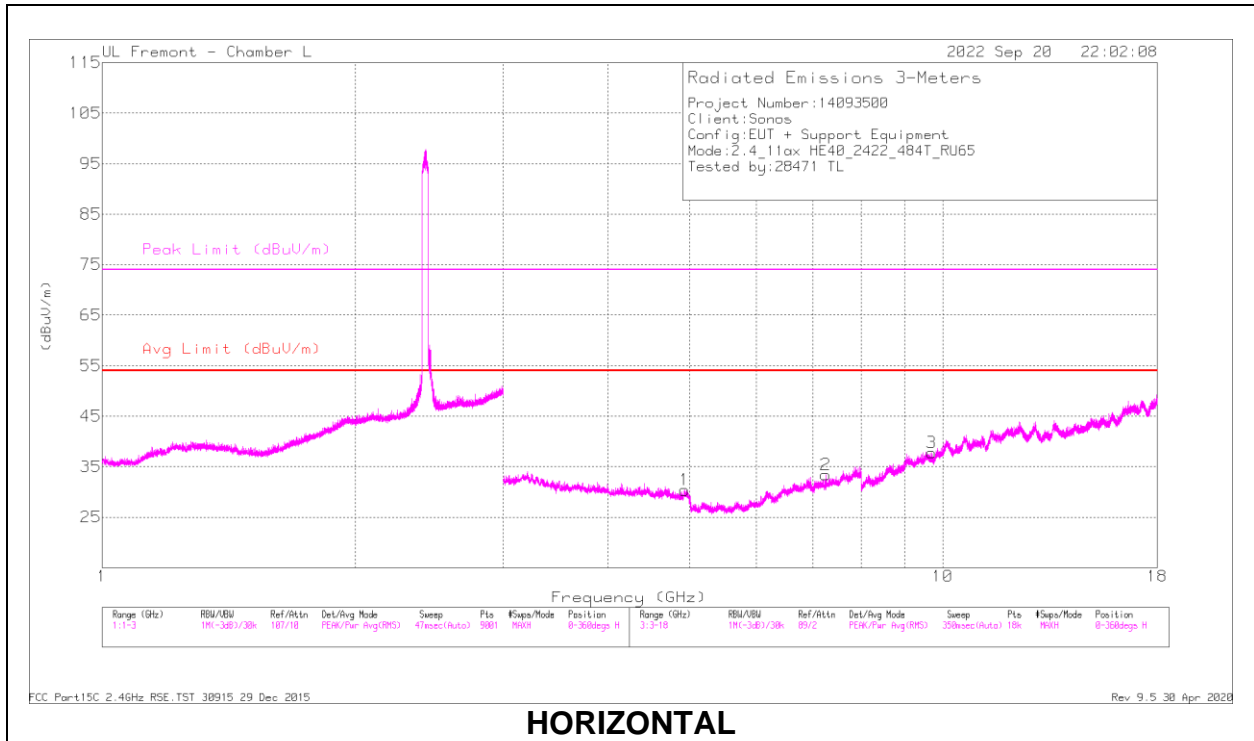
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

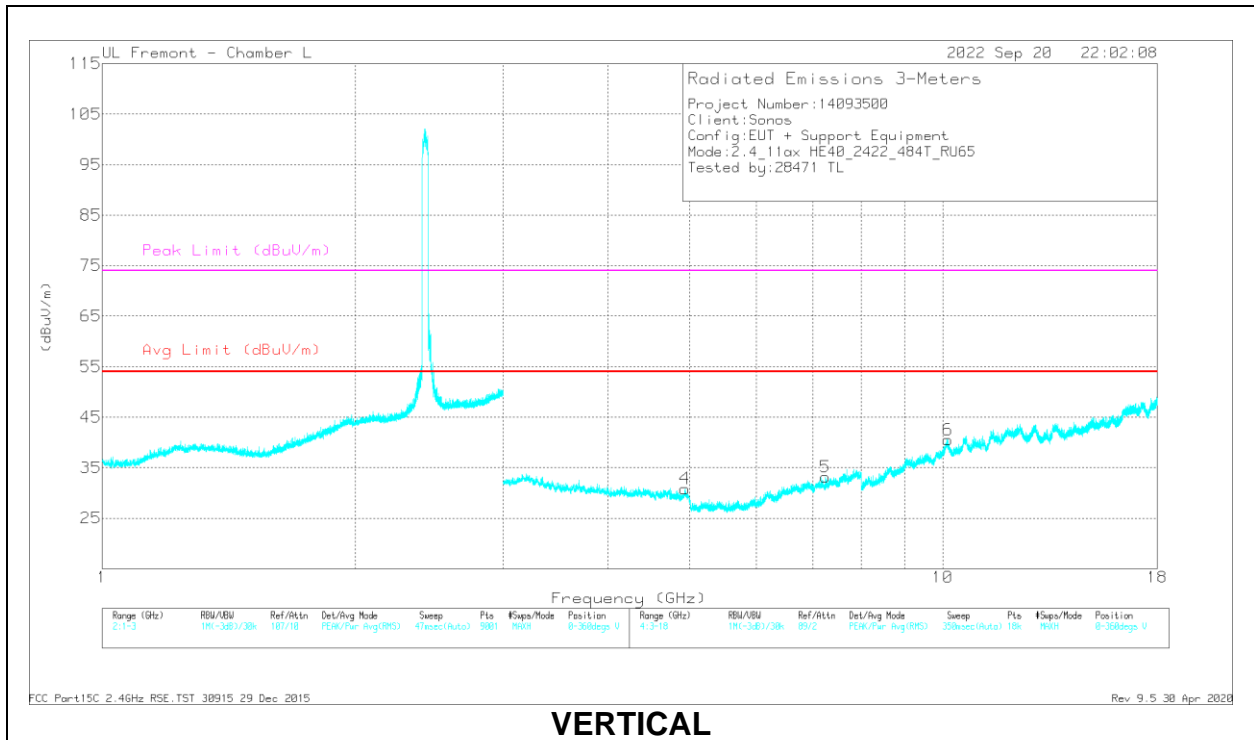
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL 3 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

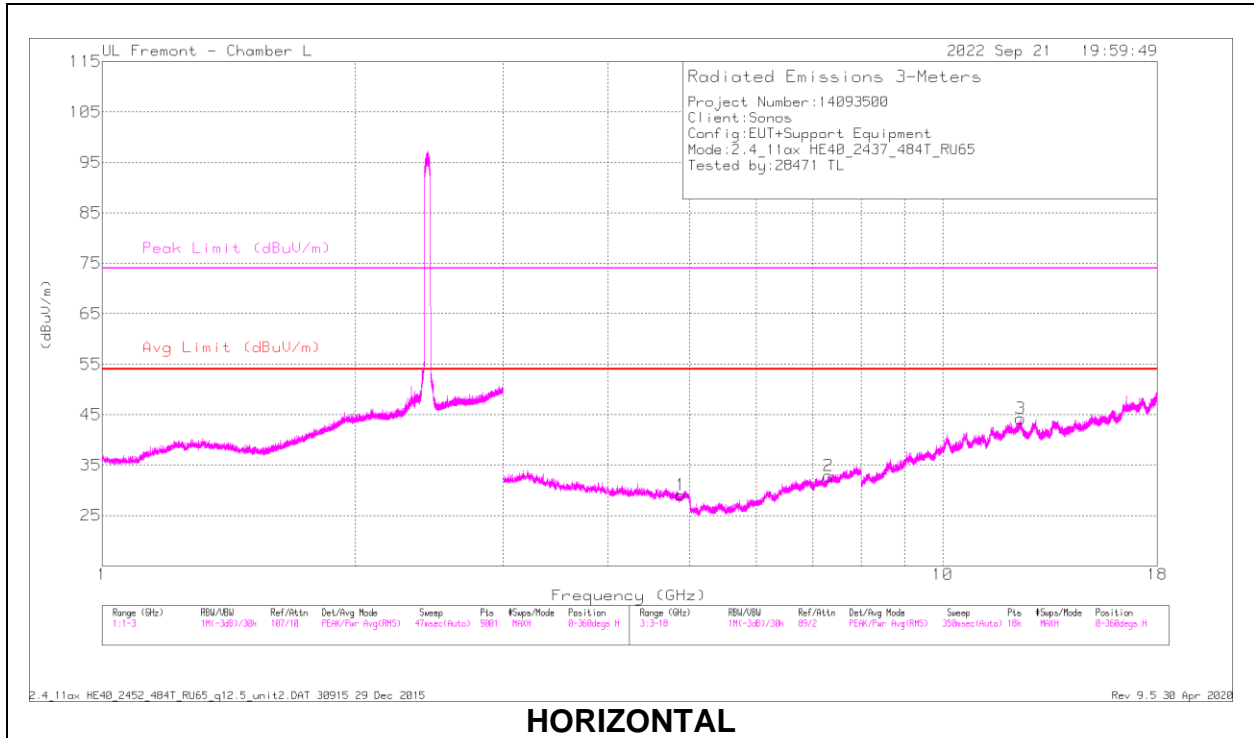
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cb/Fitr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.92987	33.7	PK2	34.2	-25.4	0	42.5	-	-	74	-31.5	98	358	H
	* 4.93127	22.78	MAv1	34.2	-25.4	4.22	35.8	54	-18.2	-	-	98	358	H
2	* 7.2585	37.27	PK2	35.9	-23.3	0	49.87	-	-	74	-24.13	308	225	H
	* 7.25801	22.15	MAv1	35.9	-23.3	4.22	38.97	54	-15.03	-	-	308	225	H
3	9.69931	26.99	PK2	37	-18.8	0	45.19	-	-	-	-	62	194	H
4	* 4.93631	32.49	PK2	34.2	-25.3	0	41.39	-	-	74	-32.61	126	396	V
	* 4.93671	22.09	MAv1	34.2	-25.3	4.22	35.21	54	-18.79	-	-	126	396	V
5	* 7.25806	33.45	PK2	35.9	-23.3	0	46.05	-	-	74	-27.95	128	387	V
	* 7.25715	20	MAv1	35.9	-23.3	4.22	36.82	54	-17.18	-	-	128	387	V
6	10.14007	28.14	PK2	37.6	-17.5	0	48.24	-	-	-	-	226	147	V

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

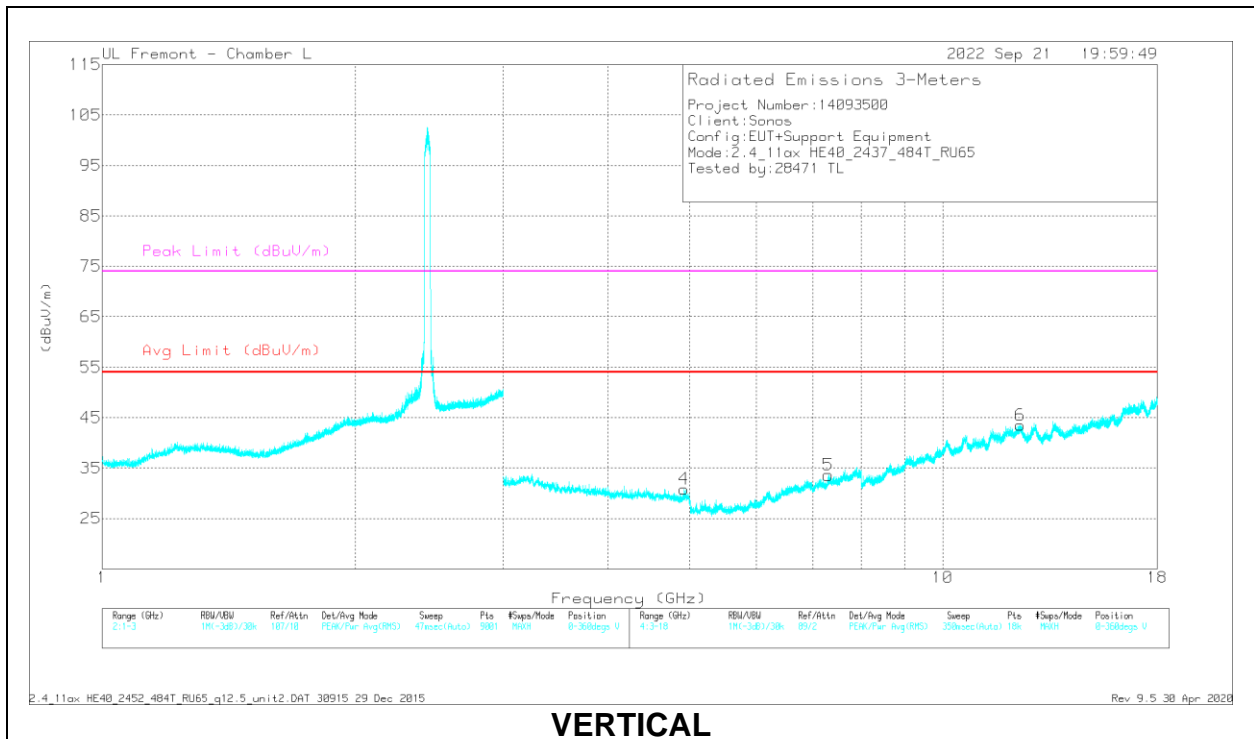
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL 6 RESULTS



HORIZONTAL



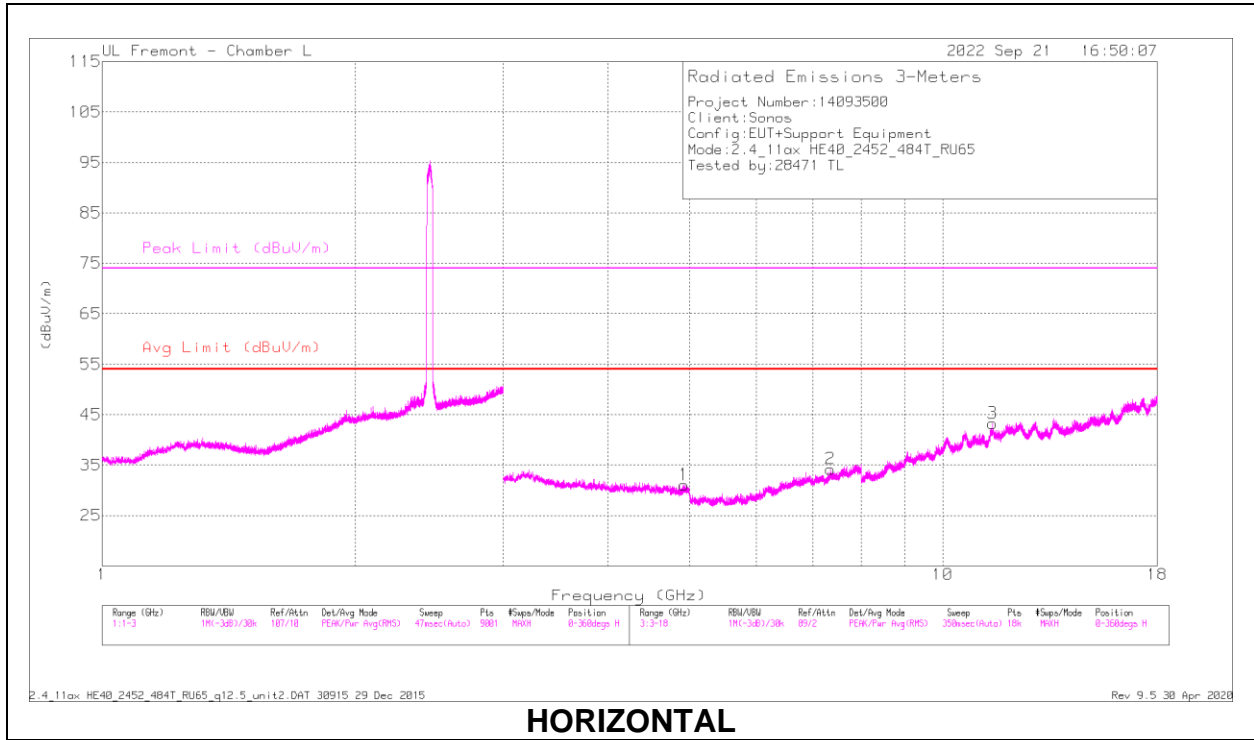
VERTICAL

RADIATED EMISSIONS

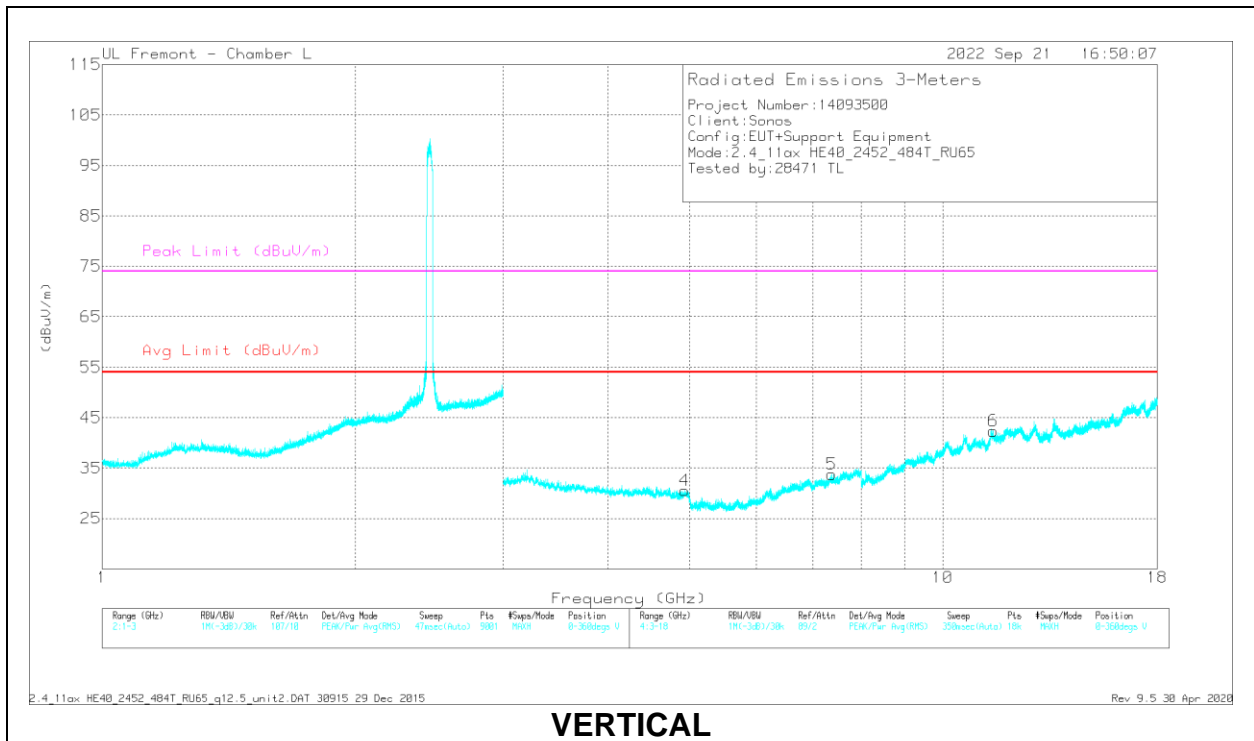
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB)	Amp/Cb/Fitr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.87488	35.76	PK2	34.2	-26.4	0	43.56	-	-	74	-30.44	50	320	H
	* 4.87418	23.66	MAv1	34.2	-26.4	4.22	35.68	54	-18.32	-	-	50	320	H
2	* 7.31187	32.62	PK2	35.9	-22.8	0	45.72	-	-	74	-28.28	314	213	H
	* 7.31365	19.35	MAv1	35.9	-22.8	4.22	36.67	54	-17.33	-	-	314	213	H
3	* 12.37889	30.78	PK2	39.3	-17.7	0	52.38	-	-	74	-21.62	28	184	H
	* 12.37876	19.15	MAv1	39.3	-17.7	4.22	44.97	54	-9.03	-	-	28	184	H
4	* 4.92426	32.76	PK2	34.2	-25.6	0	41.36	-	-	74	-32.64	297	380	V
	* 4.92389	22.33	MAv1	34.2	-25.6	4.22	35.15	54	-18.85	-	-	297	380	V
5	* 7.30413	37.03	PK2	35.9	-22.8	0	50.13	-	-	74	-23.87	133	218	V
	* 7.31461	20.92	MAv1	35.9	-22.8	4.22	38.24	54	-15.76	-	-	133	218	V
6	* 12.36919	30.25	PK2	39.4	-17.5	0	52.15	-	-	74	-21.85	63	133	V
	* 12.36769	18.86	MAv1	39.4	-17.5	4.22	44.98	54	-9.02	-	-	63	133	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/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	* 4.91983	32.66	PK2	34.2	-25.6	0	41.26	-	-	74	-32.74	322	397	H
	* 4.92237	22.69	MAv1	34.3	-25.6	4.22	35.61	54	-18.39	-	-	322	397	H
2	* 7.35427	29.02	PK2	36	-22.4	0	42.62	-	-	74	-31.38	223	372	H
	* 7.35595	20.11	MAv1	36	-22.5	4.22	37.83	54	-16.17	-	-	223	372	H
3	* 11.46632	29.01	PK2	38.7	-17.4	0	50.31	-	-	74	-23.69	27	216	H
	* 11.46431	18.24	MAv1	38.7	-17.5	4.22	43.66	54	-10.34	-	-	27	216	H
4	* 4.93116	34.2	PK2	34.2	-25.4	0	43	-	-	74	-31	101	367	V
	* 4.92728	22.81	MAv1	34.3	-25.5	4.22	35.83	54	-18.17	-	-	101	367	V
5	* 7.37704	30.14	PK2	35.9	-22.6	0	43.44	-	-	74	-30.56	17	357	V
	* 7.37579	20.18	MAv1	35.9	-22.6	4.22	37.7	54	-16.3	-	-	17	357	V
6	* 11.48473	28.78	PK2	38.7	-17.6	0	49.88	-	-	74	-24.12	53	195	V
	* 11.48348	18.11	MAv1	38.7	-17.6	4.22	43.43	54	-10.57	-	-	53	195	V

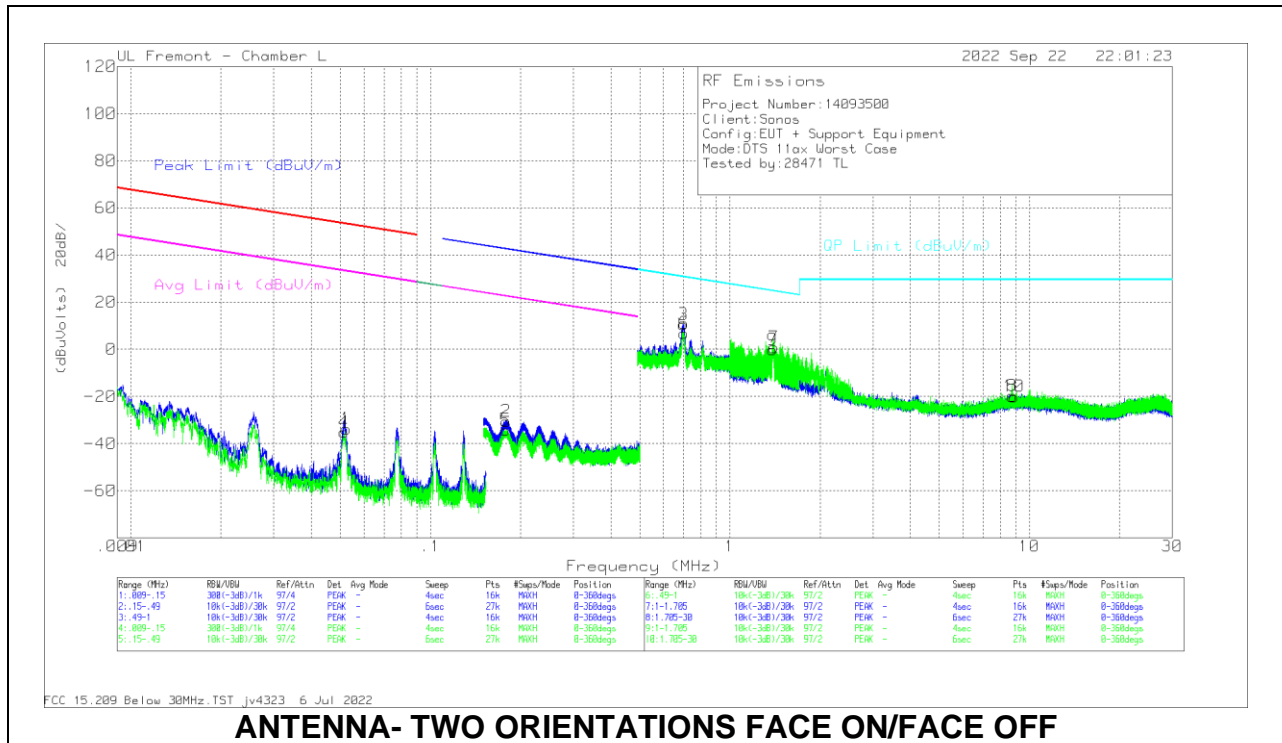
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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)



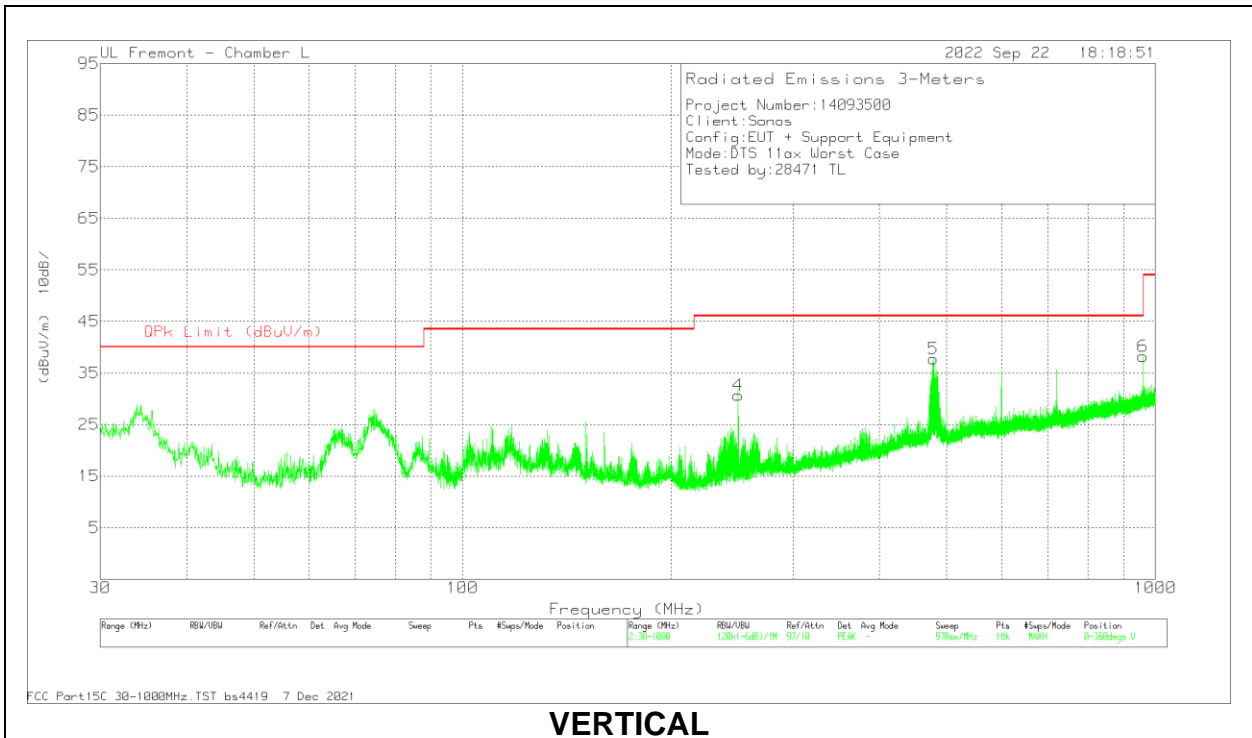
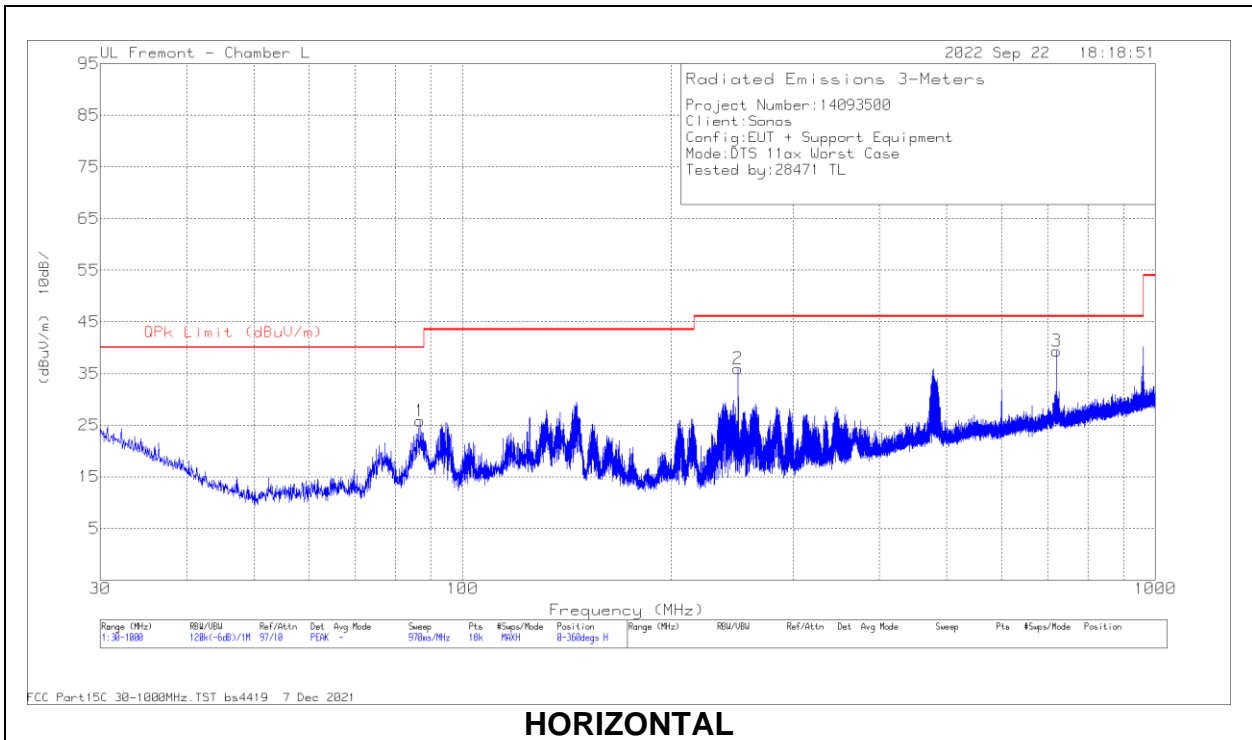
ANTENNA- TWO ORIENTATIONS FACE ON/FACE OFF

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	.0523	21.34	Pk	56.9	-31.9	-80	-33.66	53.21	-86.87	33.21	-66.87	-	-	0-360	0 degs
2	.1787	25.37	Pk	56.1	-32	-80	-30.53	42.58	-73.11	22.58	-53.11	-	-	0-360	0 degs
4	.0515	19.71	Pk	57	-31.9	-80	-35.19	53.35	-88.54	33.35	-68.54	-	-	0-360	90 degs
5	.1782	21.6	Pk	56.1	-32	-80	-34.3	42.6	-76.9	22.6	-56.9	-	-	0-360	90 degs
3	.6992	26.23	Pk	56.2	-31.9	-40	10.53	-	-	-	-	30.72	-20.19	0-360	0 degs
6	.7027	22.5	Pk	56.2	-31.9	-40	6.8	-	-	-	-	30.68	-23.88	0-360	0 degs
7	1.4008	27.93	Pk	44.8	-31.9	-40	.83	-	-	-	-	24.7	-23.87	0-360	0 degs
8	8.7675	17.26	Pk	34.6	-31.6	-40	-19.74	-	-	-	-	29.5	-49.24	0-360	90 degs
9	1.3884	26.78	Pk	44.9	-31.9	-40	-.22	-	-	-	-	24.78	-25	0-360	90 degs
10	8.8649	16.95	Pk	34.6	-31.6	-40	-20.05	-	-	-	-	29.5	-49.55	0-360	90 degs

Pk - Peak detector

10.3. Worst Case Below 1 GHz

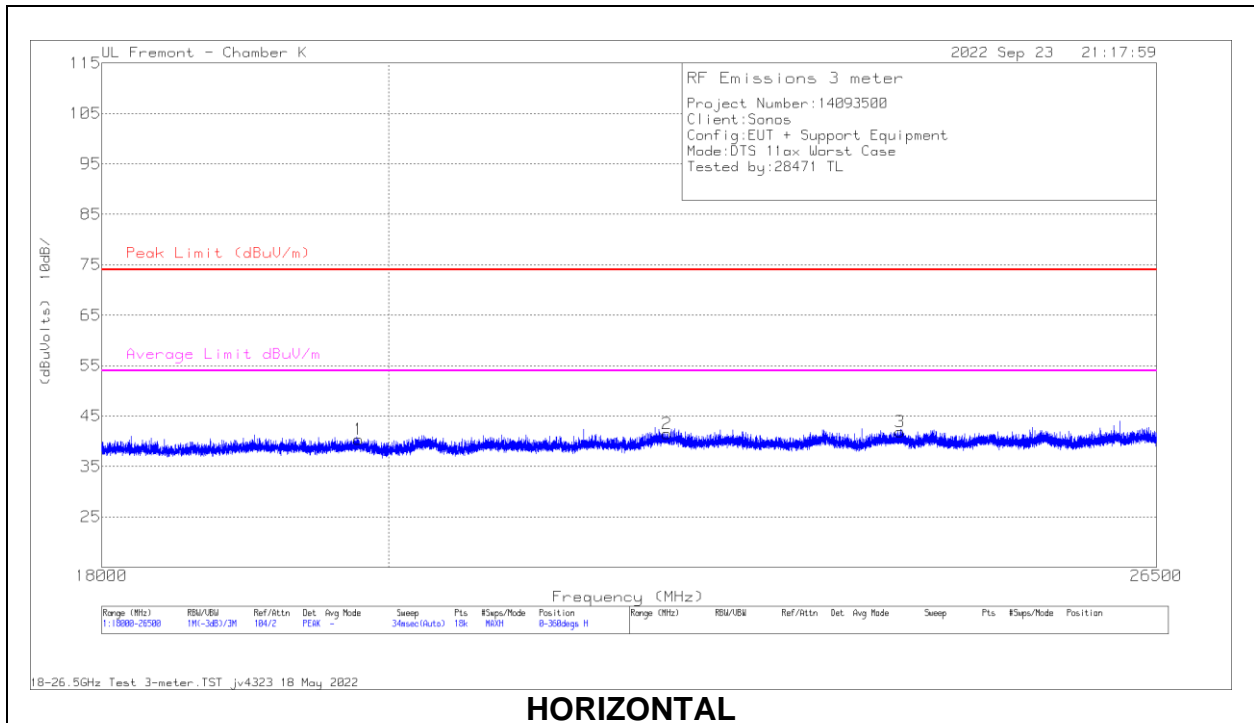


Below 1GHz Data

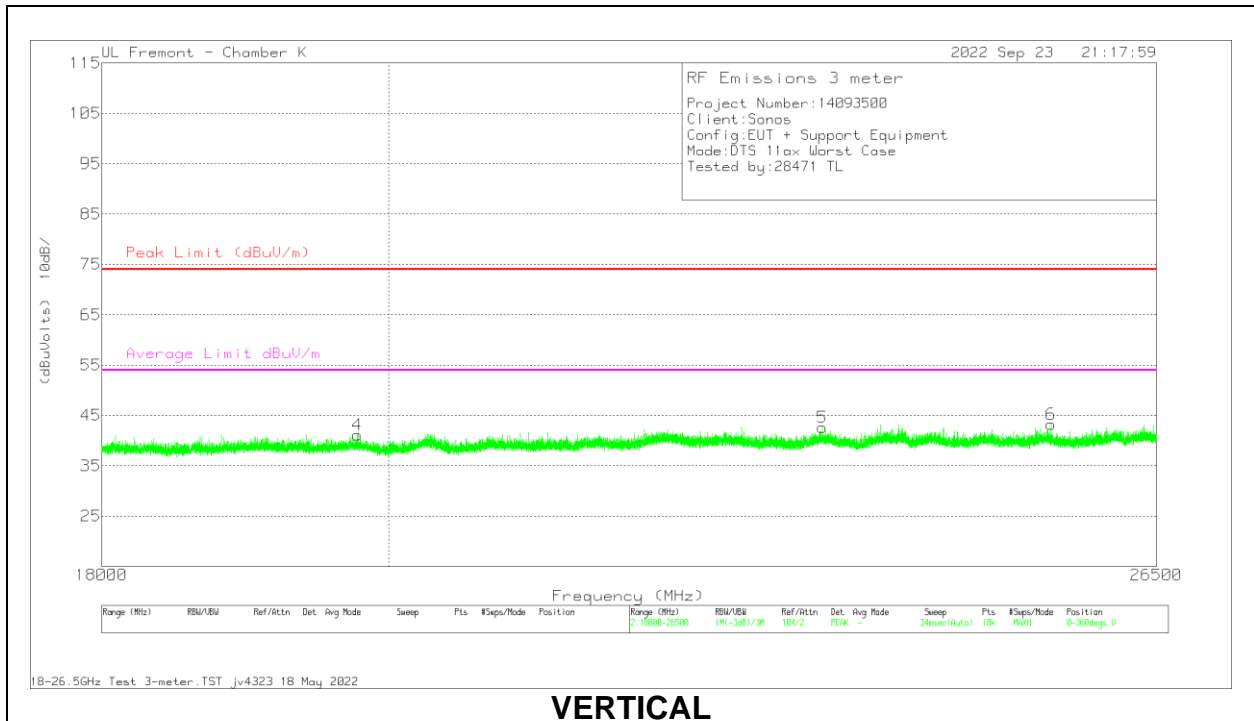
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	171862 HYBRID JB3	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	86.799	43.51	Pk	13.1	-30.8	25.81	40	-14.19	0-360	196	H
2	249.975	48.34	Pk	17.3	-29.7	35.94	46.02	-10.08	0-360	100	H
3	719.995	41.35	Pk	26.2	-28.2	39.35	46.02	-6.67	0-360	100	H
4	250.029	43.06	Pk	17.3	-29.7	30.66	46.02	-15.36	0-360	101	V
5	478.572	43.01	Pk	23.5	-28.8	37.71	46.02	-8.31	0-360	101	V
6	960.043	36.02	Pk	28.8	-26.6	38.22	53.97	-15.75	0-360	101	V

Pk - Peak detector

10.4. Worst Case 18-26 GHz



HORIZONTAL



VERTICAL

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	* 19778.86	50.11	Pk	32.9	-60.9	18.3	40.41	74	-33.59	54	-13.59	0-360	199	H
2	* 22145.637	49.4	Pk	33.5	-60.8	19.4	41.5	74	-32.5	54	-12.5	0-360	199	H
3	24122.83	48.74	Pk	33.9	-61.1	20.3	41.84	74	-32.16	54	-12.16	0-360	199	H
4	* 19768.944	50.87	Pk	32.9	-60.9	18.3	41.17	74	-32.83	54	-12.83	0-360	199	V
5	23443.303	49.85	Pk	33.8	-61	20	42.65	74	-31.35	54	-11.35	0-360	199	V
6	25494.635	49.28	Pk	34.3	-61.2	20.9	43.28	74	-30.72	54	-10.72	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.

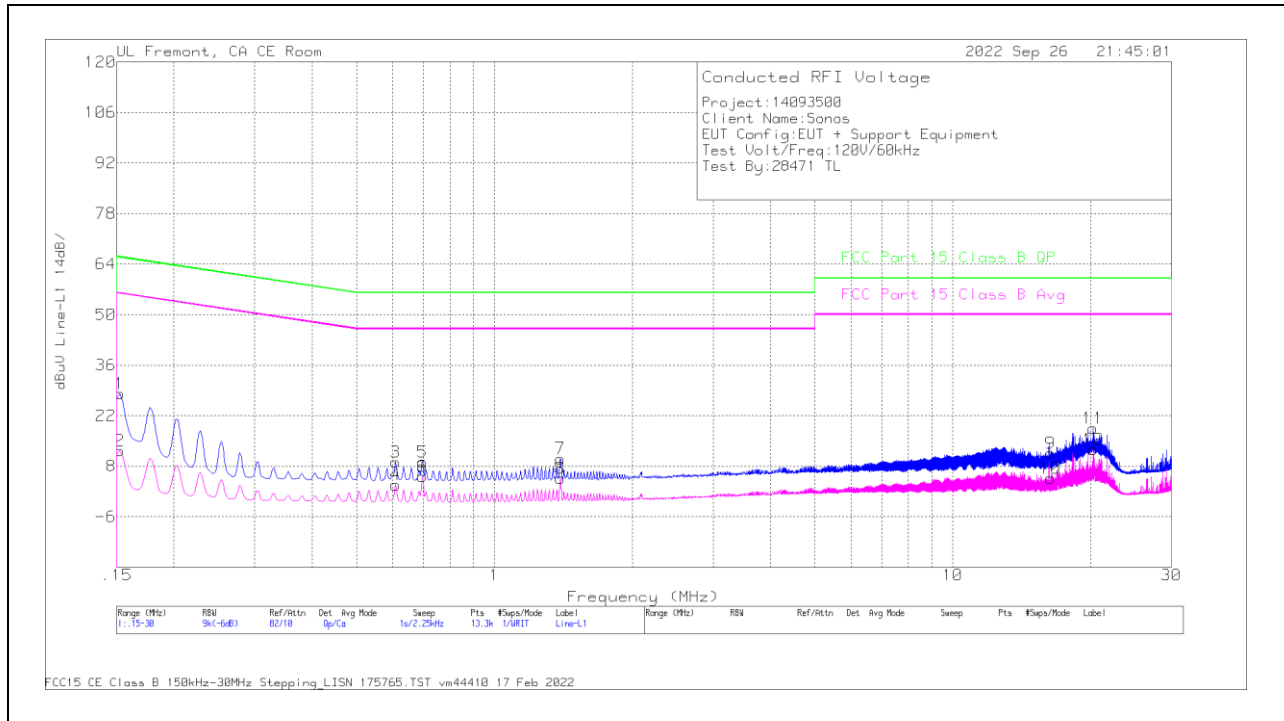
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

AC POWER LINE

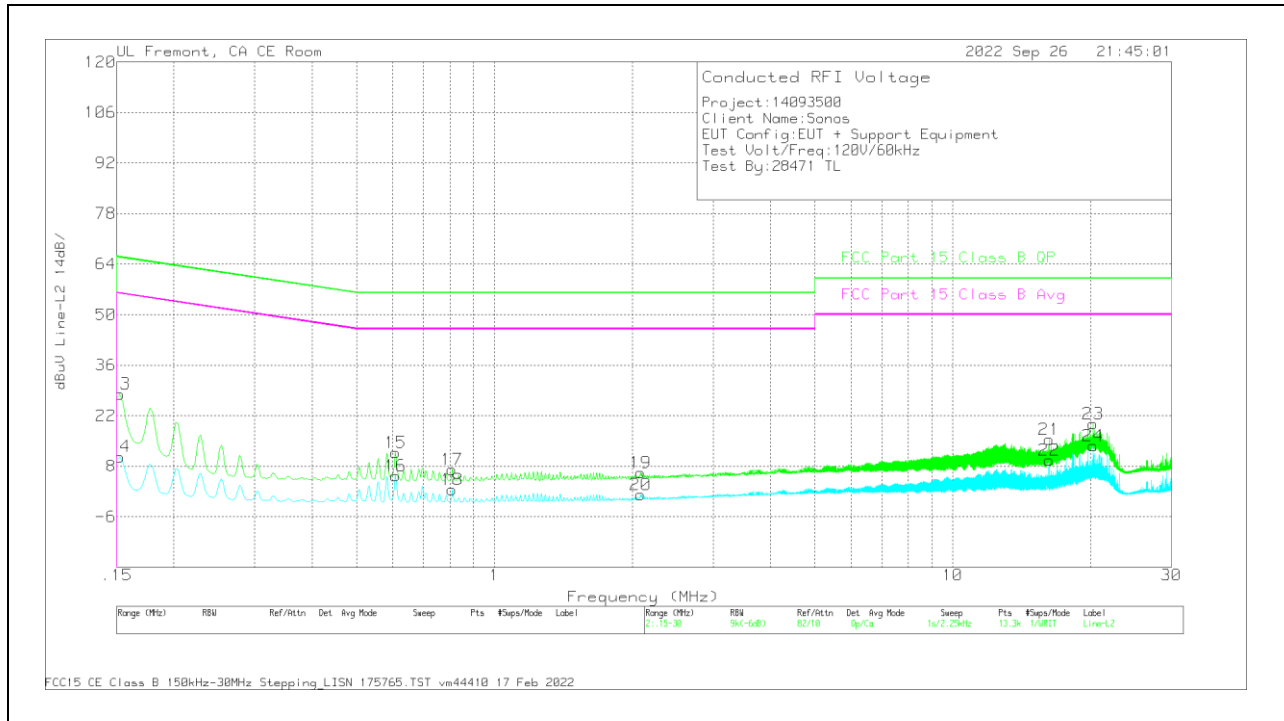
LINE 1 RESULTS



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	.1523	2.82	Ca	.1	0	9.4	12.32	-	-	55.88	-43.56	
4	.609	-6.59	Ca	0	.1	9.3	2.81	-	-	46	-43.19	
6	.6968	-4.3	Ca	0	.1	9.3	5.1	-	-	46	-40.9	
8	1.3943	-4.8	Ca	0	.1	9.3	4.6	-	-	46	-41.4	
10	16.3388	-4.94	Ca	.1	.2	9.3	4.66	-	-	50	-45.34	
12	20.2583	2.8	Ca	.2	.3	9.4	12.7	-	-	50	-37.3	
1	.1523	18.58	Qp	.1	0	9.4	28.08	65.88	-37.8	-	-	
3	.609	-.19	Qp	0	.1	9.3	9.21	56	-46.79	-	-	
5	.6968	-.18	Qp	0	.1	9.3	9.22	56	-46.78	-	-	
7	1.392	-.7	Qp	0	.1	9.3	10.1	56	-45.9	-	-	
9	16.3388	2	Qp	.1	.2	9.3	11.6	60	-48.4	-	-	
11	20.2583	8.6	Qp	.2	.3	9.4	18.5	60	-41.5	-	-	

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	.1523	1.13	Ca	.1	0	9.4	10.63	-	-	55.88	-45.25	
16	.609	-4.15	Ca	0	.1	9.3	5.25	-	-	46	-40.75	
18	.8093	-7.97	Ca	0	.1	9.3	1.43	-	-	46	-44.57	
20	2.085	-9.22	Ca	0	.1	9.3	.18	-	-	46	-45.82	
22	16.2285	.1	Ca	.1	.2	9.3	9.7	-	-	50	-40.3	
24	20.2583	3.83	Ca	.1	.3	9.4	13.63	-	-	50	-36.37	
13	.1523	18.51	Qp	.1	0	9.4	28.01	65.88	-37.87	-	-	
15	.609	2.3	Qp	0	.1	9.3	11.7	56	-44.3	-	-	
17	.8093	-2.31	Qp	0	.1	9.3	7.09	56	-48.91	-	-	
19	2.085	-3.24	Qp	0	.1	9.3	6.16	56	-49.84	-	-	
21	16.2285	5.75	Qp	.1	.2	9.3	15.35	60	-44.65	-	-	
23	20.2583	9.94	Qp	.1	.3	9.4	19.74	60	-40.26	-	-	

Qp - Quasi-Peak detector
 Ca - CISPR average detection