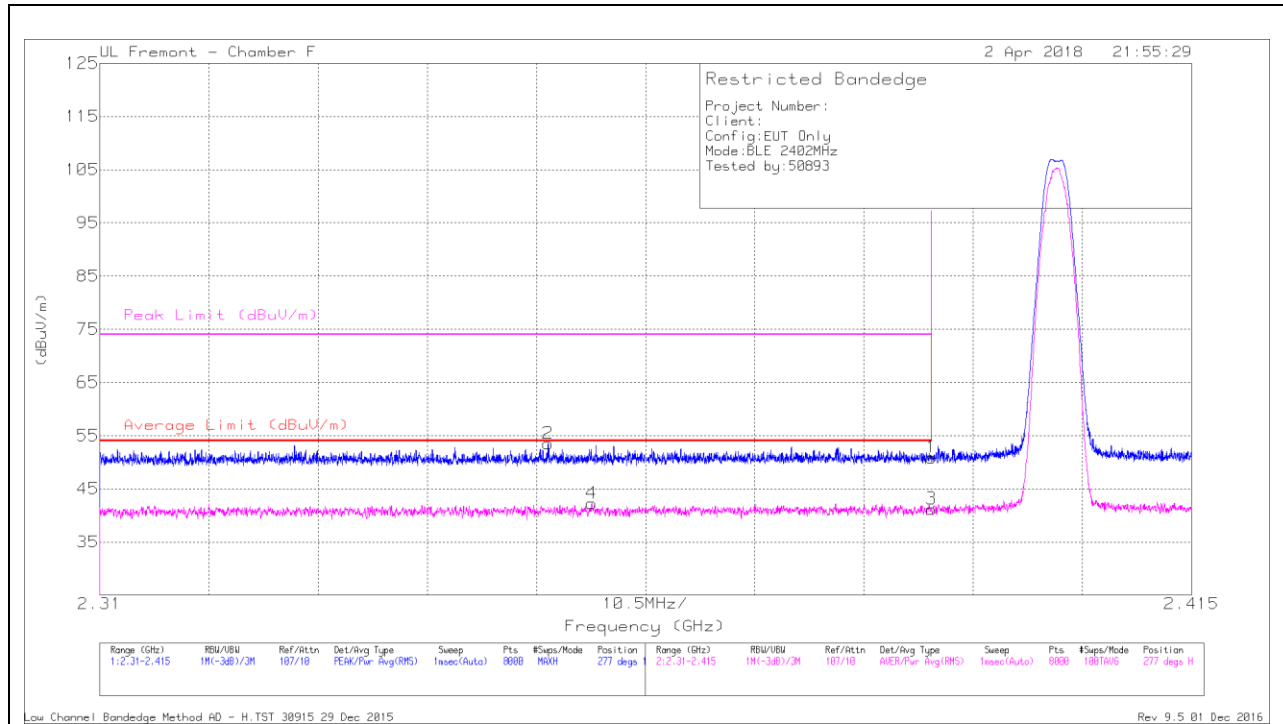


9.2.2. HIGH POWER BLE (2Mbps)

Antenna 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



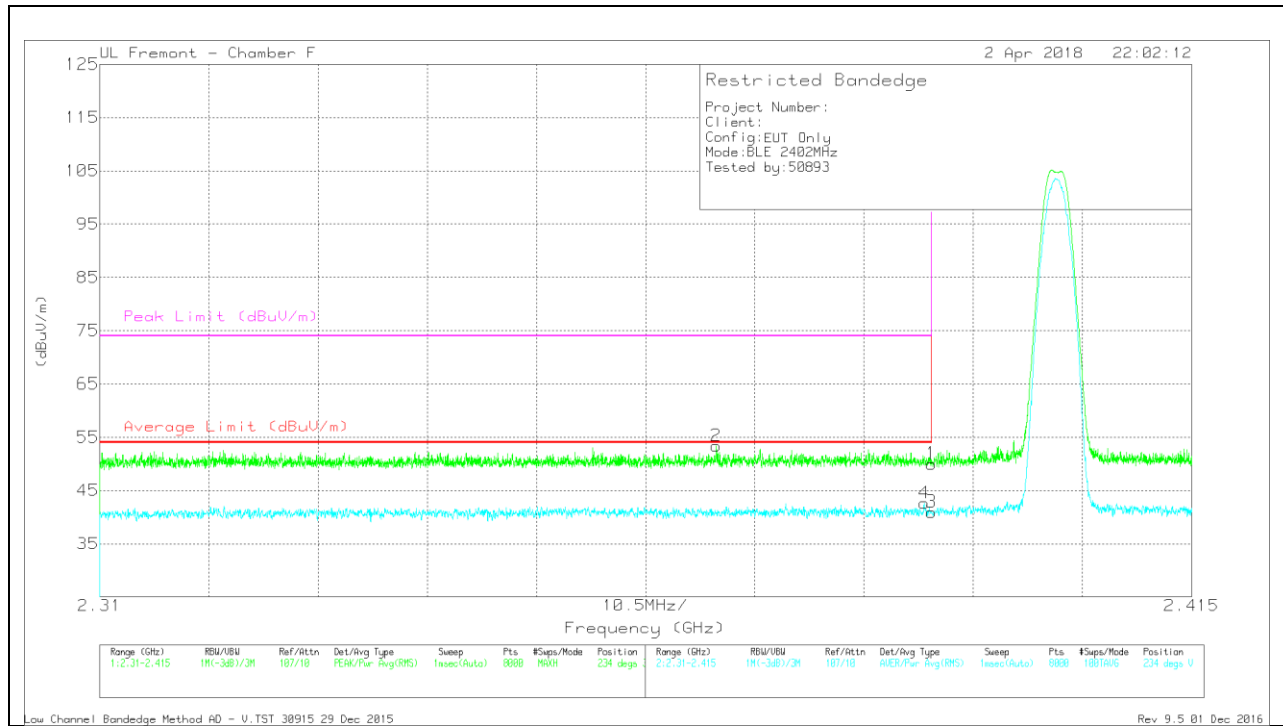
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.58	Pk	31.9	-20.6	50.88	-	-	74	-23.12	277	156	H
2	* 2.353	42.38	Pk	31.8	-20.7	53.48	-	-	74	-20.52	277	156	H
3	* 2.39	29.91	RMS	31.9	-20.6	41.21	54	-12.79	-	-	277	156	H
4	* 2.357	31.14	RMS	31.8	-20.7	42.24	54	-11.76	-	-	277	156	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/CbI/FiltriP ad (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	38.7	Pk	31.9	-20.6	50	-	-	74	-24	234	390	V
2	* 2.369	42.16	Pk	31.8	-20.6	53.36	-	-	74	-20.64	234	390	V
3	* 2.39	29.64	RMS	31.9	-20.6	40.94	54	-13.06	-	-	234	390	V
4	* 2.389	31.33	RMS	31.9	-20.6	42.63	54	-11.37	-	-	234	390	V

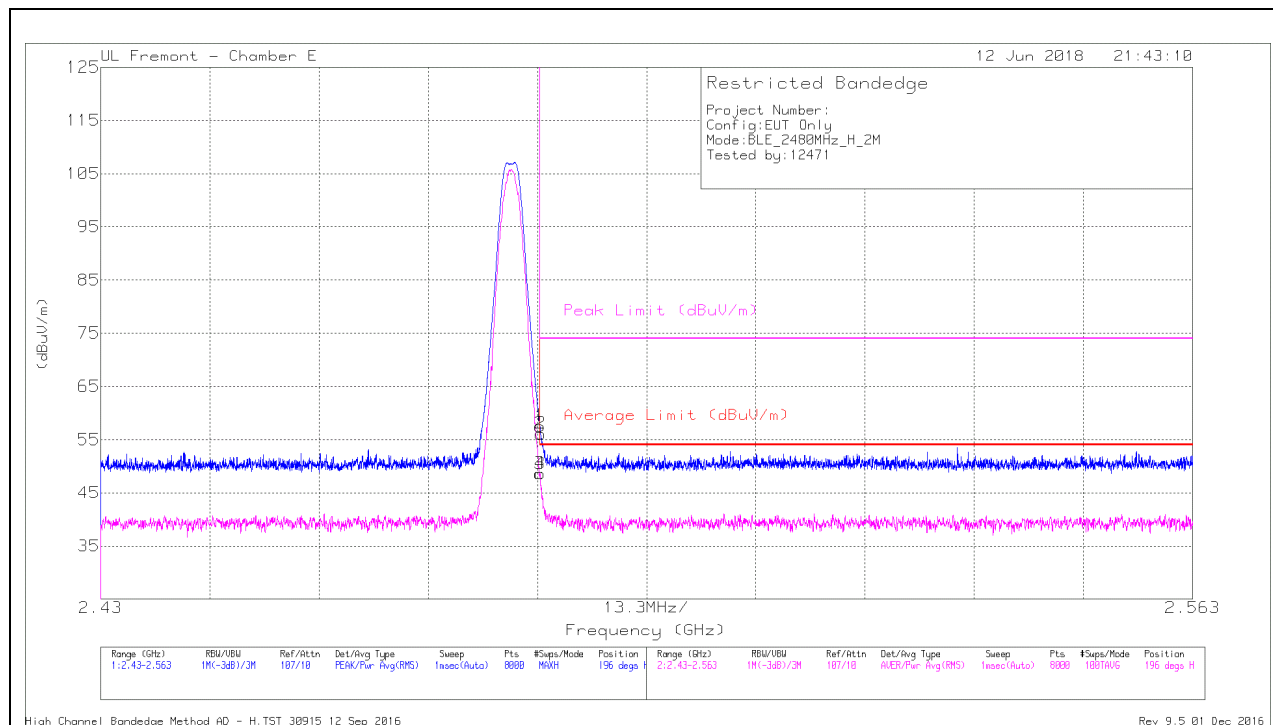
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



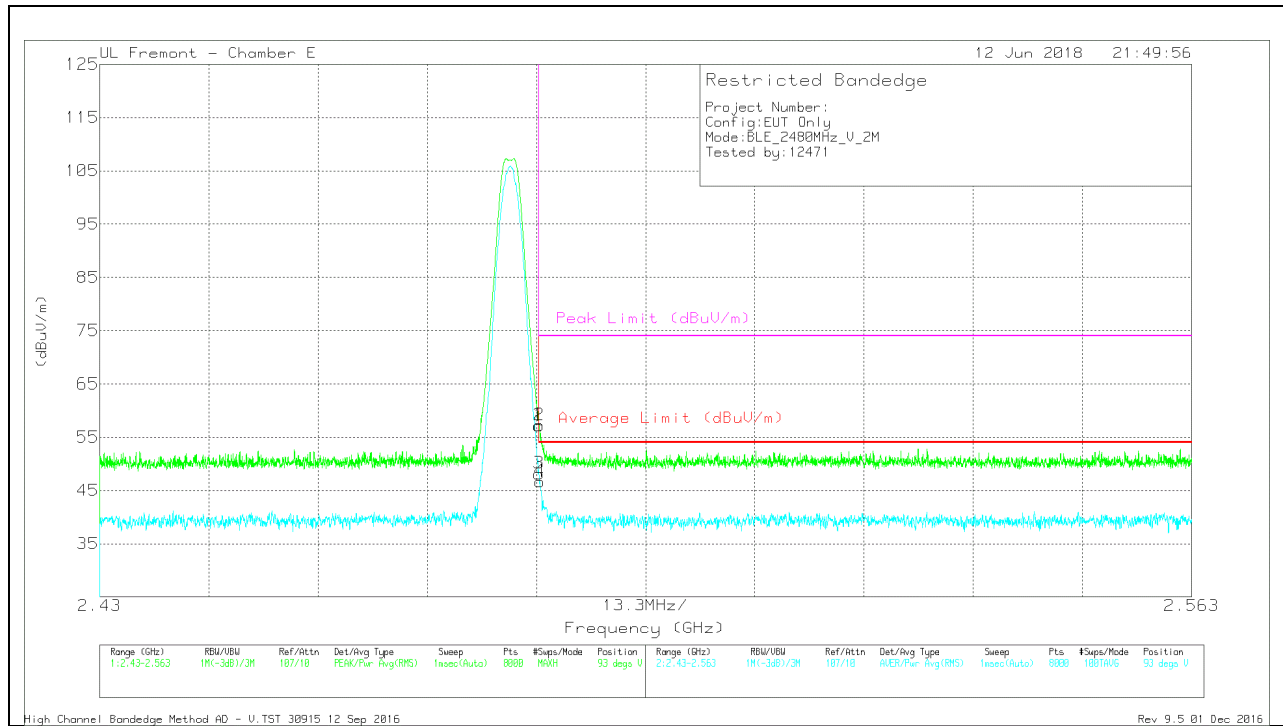
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.75	Pk	32.1	-22.3	57.55	-	-	74	-16.45	196	115	H
2	* 2.484	46.33	Pk	32.1	-22.3	56.13	-	-	74	-17.87	196	115	H
3	* 2.484	38.79	RMS	32.1	-22.3	48.59	54	-5.41	-	-	196	115	H
4	* 2.484	38.79	RMS	32.1	-22.3	48.59	54	-5.41	-	-	196	115	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Ampl/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.42	Pk	32.1	-22.3	57.22	-	-	74	-16.78	93	352	V
2	* 2.484	47.44	Pk	32.1	-22.3	57.24	-	-	74	-16.76	93	352	V
3	* 2.484	38.38	RMS	32.1	-22.3	48.18	54	-5.82	-	-	93	352	V
4	* 2.484	36.9	RMS	32.1	-22.3	46.7	54	-7.3	-	-	93	352	V

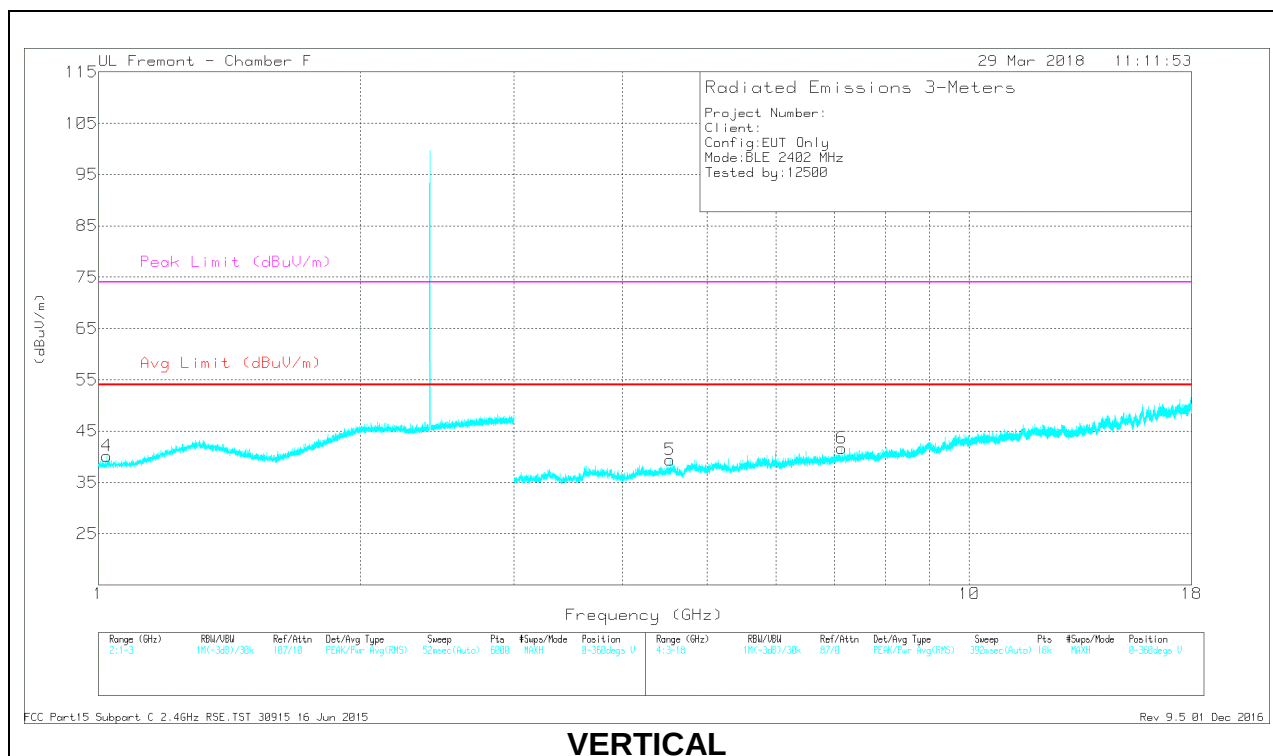
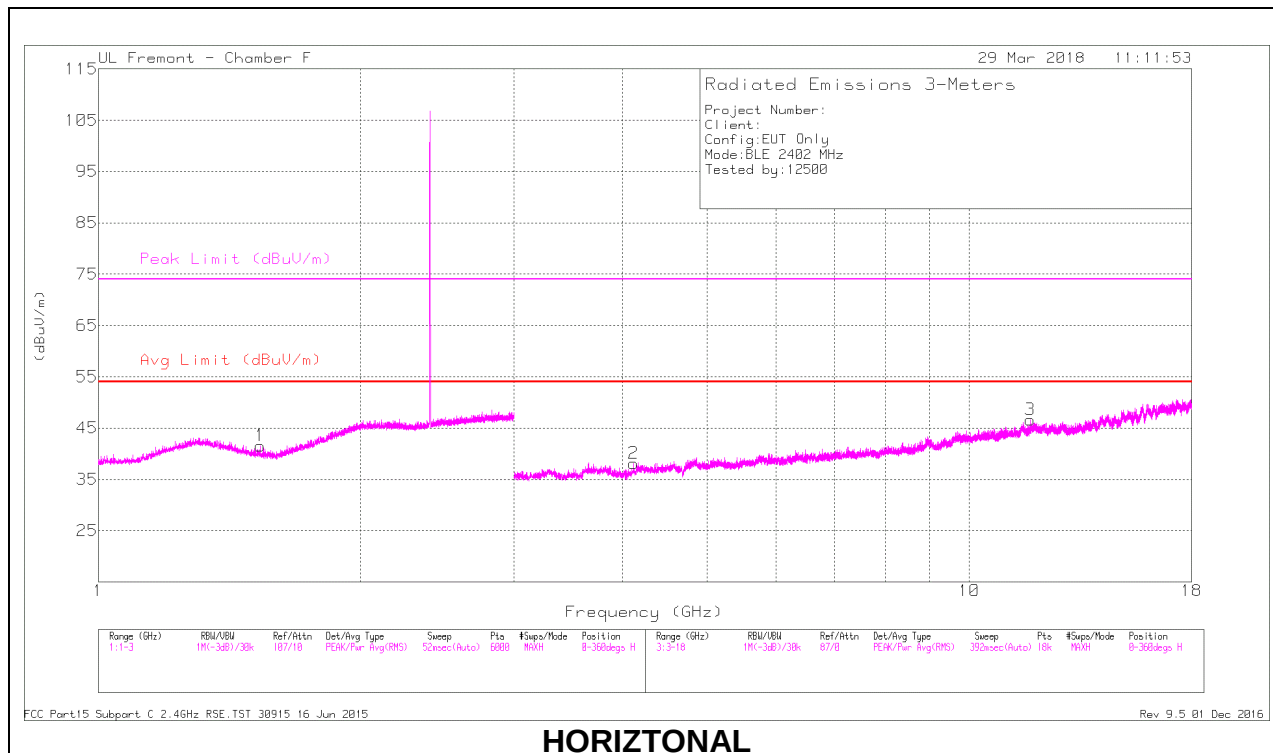
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

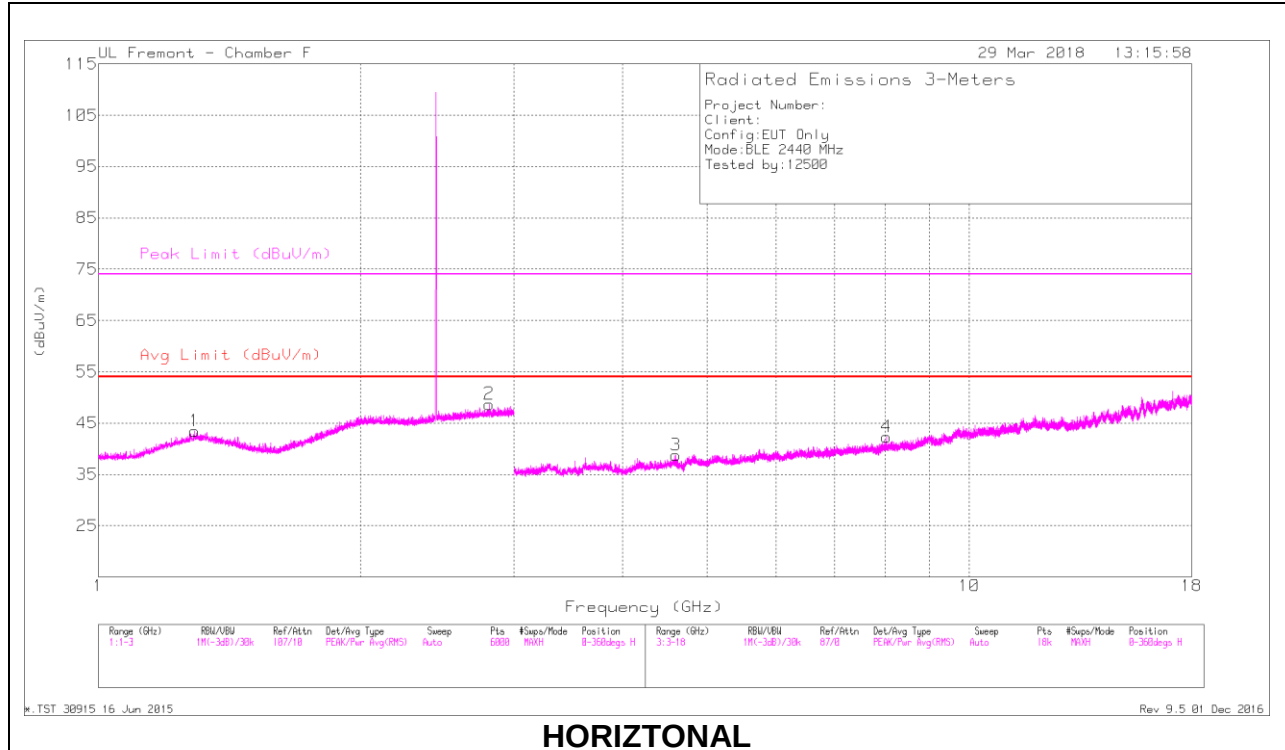
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.534	42.46	PK2	27.6	-21.7	48.36	-	-	74	-25.64	56	328	H
	* 1.535	29.91	MAv1	27.6	-21.7	35.81	54	-18.19	-	-	56	328	H
4	* 1.022	42.7	PK2	26.7	-22.6	46.8	-	-	74	-27.2	66	261	V
	* 1.022	30.36	MAv1	26.7	-22.6	34.46	54	-19.54	-	-	66	261	V
2	* 4.116	39.28	PK2	33.4	-28.5	44.18	-	-	74	-29.82	77	189	H
	* 4.115	27.36	MAv1	33.4	-28.5	32.26	54	-21.74	-	-	77	189	H
3	* 11.744	35.02	PK2	38.9	-21.8	52.12	-	-	74	-21.88	243	135	H
	* 11.743	23.49	MAv1	38.9	-21.8	40.59	54	-13.41	-	-	243	135	H
5	* 4.534	38.45	PK2	34.1	-27.4	45.15	-	-	74	-28.85	211	193	V
	* 4.534	26.49	MAv1	34.1	-27.4	33.19	54	-20.81	-	-	211	193	V
6	7.14	36.95	PK2	35.8	-25.6	47.15	-	-	-	-	287	342	V

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

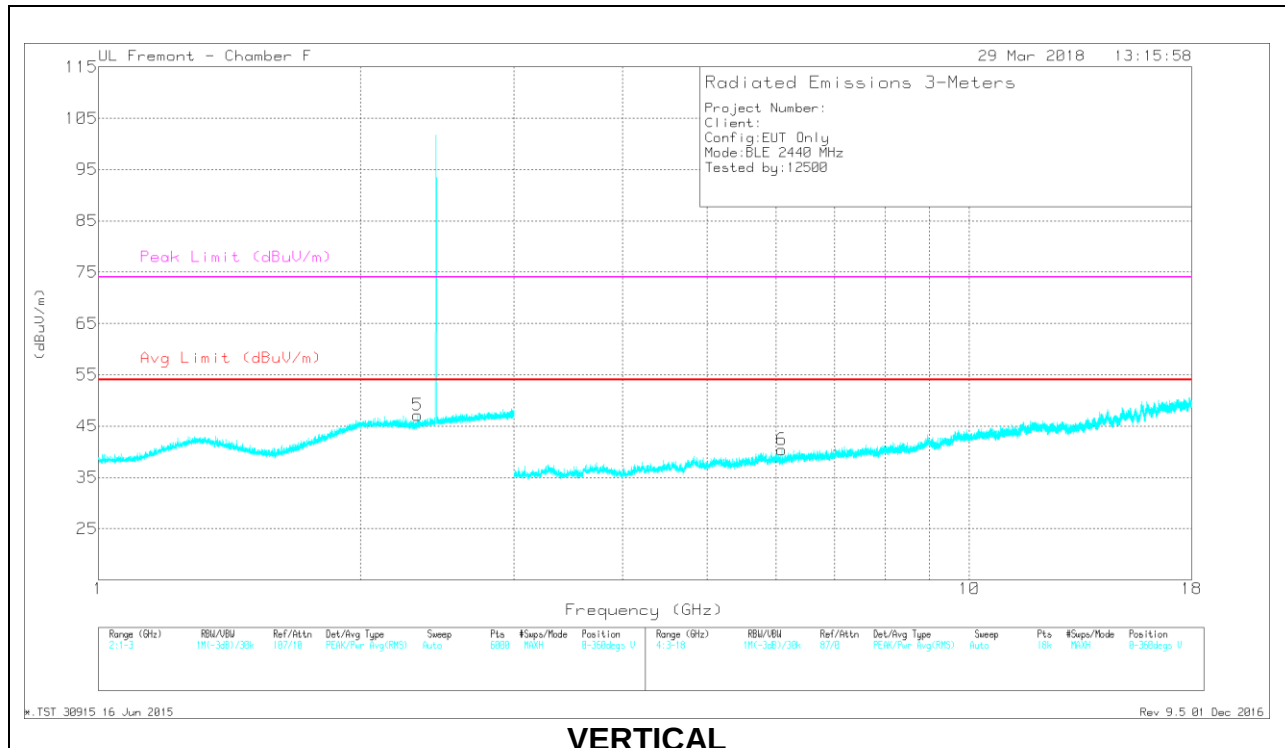
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

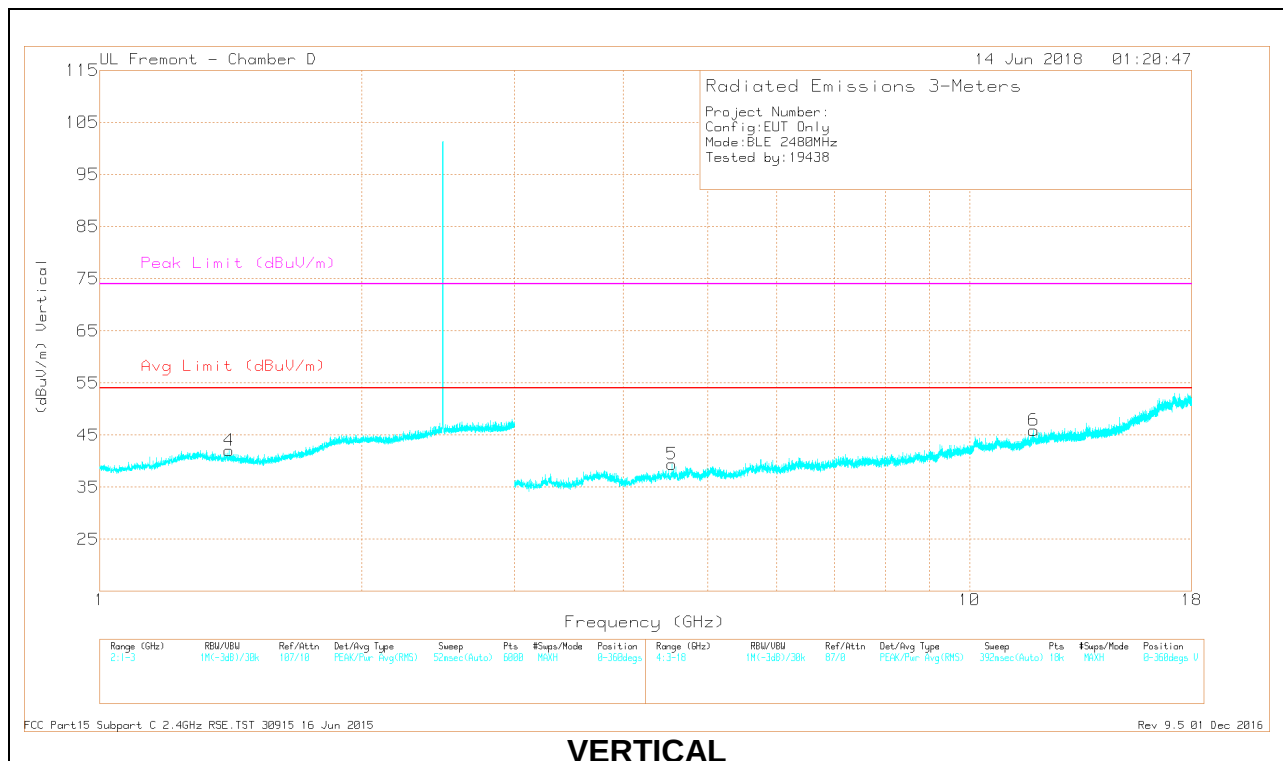
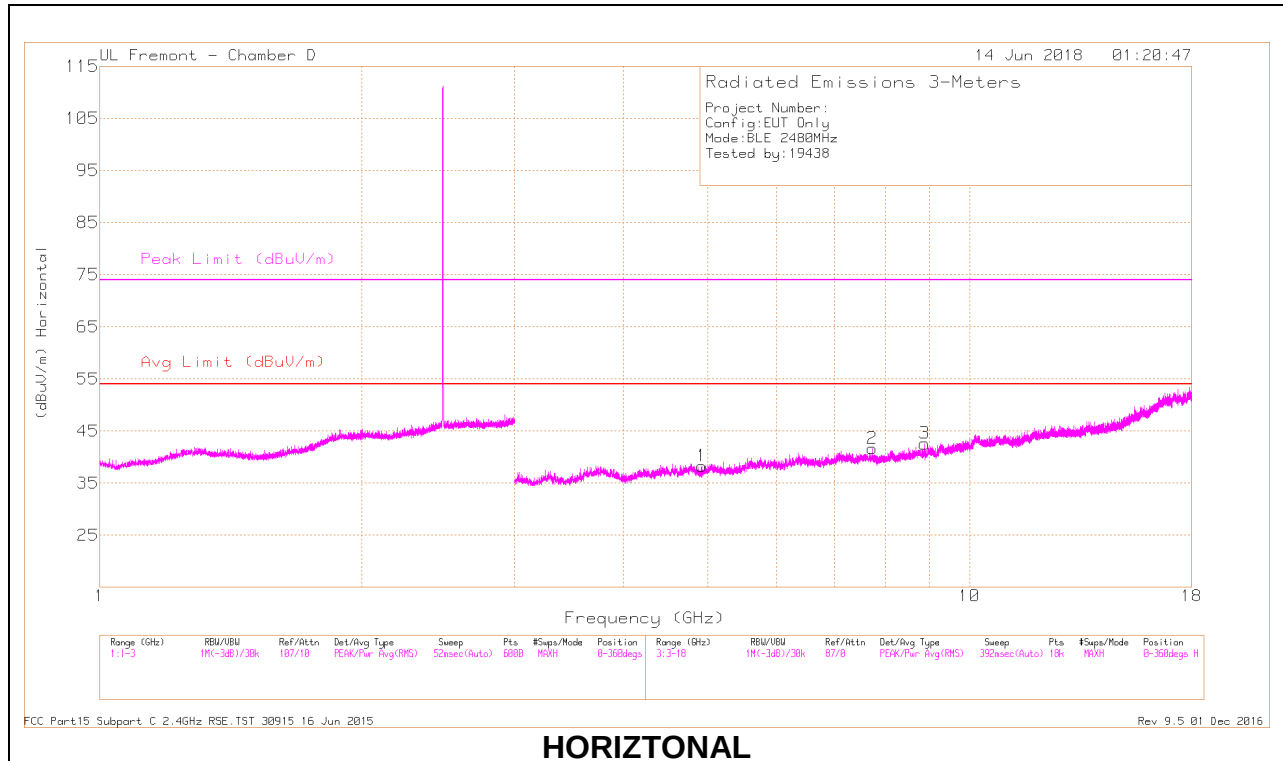
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.288	42.59	PK2	30	-22	50.59	-	-	74	-23.41	228	325	H
	* 1.288	30.04	MAv1	30	-22	38.04	54	-15.96	-	-	228	325	H
2	* 2.81	41.68	PK2	32.7	-20.1	54.28	-	-	74	-19.72	322	223	H
	* 2.809	29.87	MAv1	32.7	-20.1	42.47	54	-11.53	-	-	322	223	H
5	* 2.327	42.46	PK2	31.7	-20.7	53.46	-	-	74	-20.54	332	223	V
	* 2.327	29.99	MAv1	31.7	-20.7	40.99	54	-13.01	-	-	332	223	V
3	* 4.598	38.5	PK2	34.1	-27.7	44.9	-	-	74	-29.1	105	163	H
	* 4.599	26.91	MAv1	34.1	-27.7	33.31	54	-20.69	-	-	105	163	H
4	* 8.033	36.43	PK2	36	-24	48.43	-	-	74	-25.57	99	129	H
	* 8.034	24.66	MAv1	36	-24	36.66	54	-17.34	-	-	99	129	H
6	6.094	37.83	PK2	35.2	-26.7	46.33	-	-	-	-	254	258	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 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.917	37.42	PK2	34.3	-27.8	43.92	-	-	74	-30.08	159	188	H
	* 4.928	26.63	MAv1	34.3	-27.7	33.23	54	-20.77	-	-	159	188	H
2	* 7.741	36.19	PK2	35.9	-24	48.09	-	-	74	-25.91	243	248	H
	* 7.714	24.58	MAv1	36	-24.2	36.38	54	-17.62	-	-	243	248	H
3	8.878	34.63	PK2	36.1	-22.4	48.33	-	-	-	-	314	152	H
4	* 1.41	41.68	PK2	28.7	-21.8	48.58	-	-	74	-25.42	83	148	V
	* 1.408	30.04	MAv1	28.7	-21.8	36.94	54	-17.06	-	-	83	148	V
5	* 4.557	38.18	PK2	34.6	-27.6	45.18	-	-	74	-28.82	166	339	V
	* 4.559	26.7	MAv1	34.6	-27.7	33.6	54	-20.4	-	-	166	339	V
6	* 11.837	33.32	PK2	38.6	-19.8	52.12	-	-	74	-21.88	70	205	V
	* 11.841	22.22	MAv1	38.6	-19.9	40.92	54	-13.08	-	-	70	205	V

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

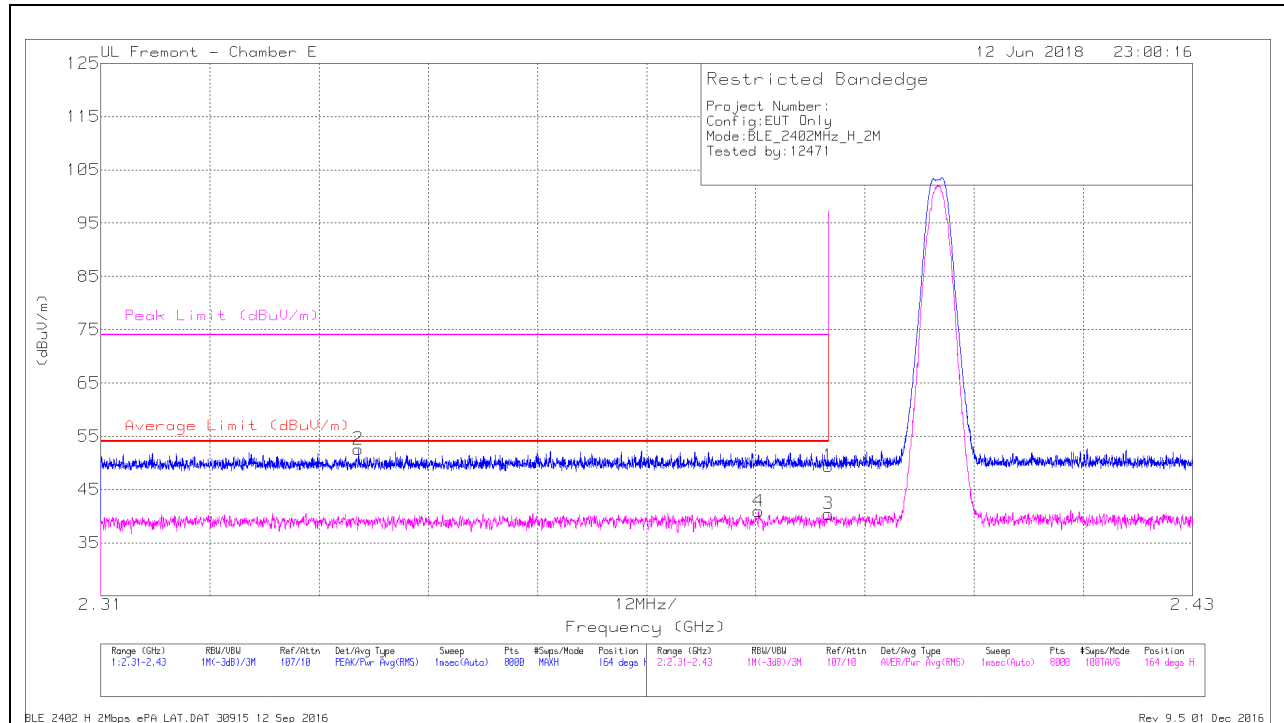
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

Antenna 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

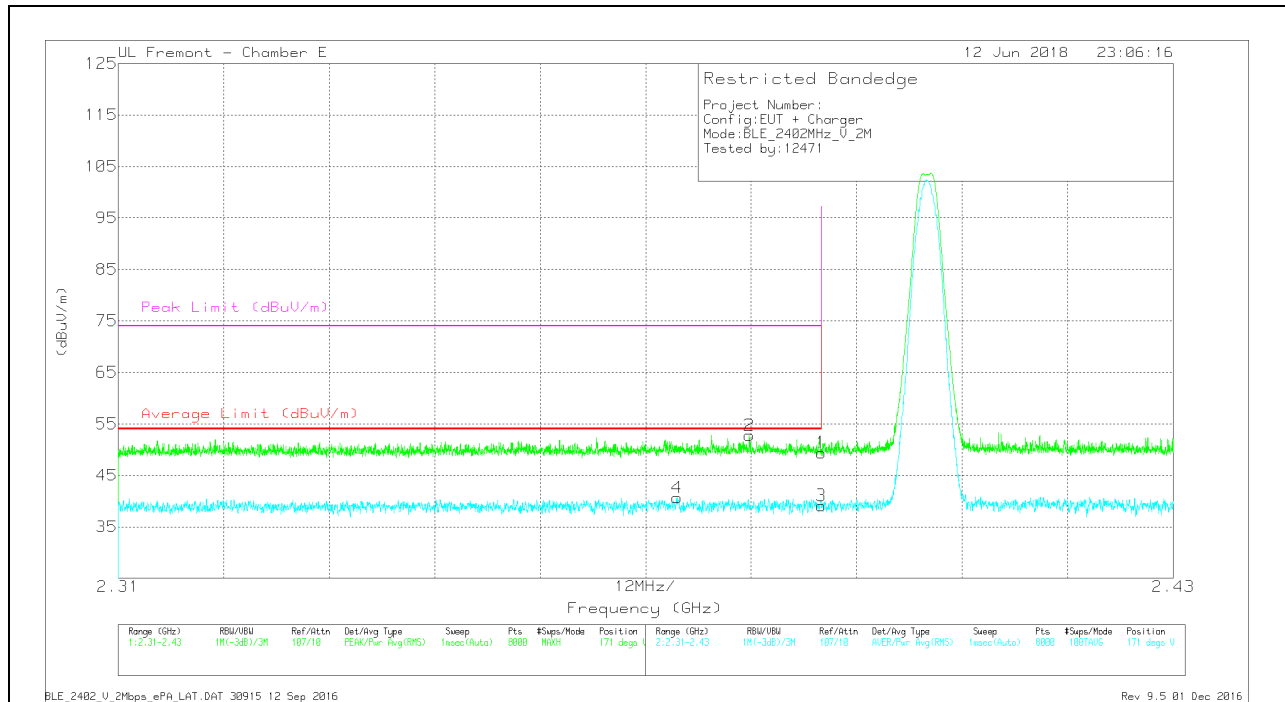


* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/P ad (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	39.98	Pk	32	-22.6	49.38	-	-	74	-24.62	171	392	V
2	* 2.382	43.44	Pk	31.9	-22.6	52.74	-	-	74	-21.26	171	392	V
3	* 2.39	29.7	RMS	32	-22.6	39.1	54	-14.9	-	-	171	392	V
4	* 2.374	31.46	RMS	31.9	-22.7	40.66	54	-13.34	-	-	171	392	V

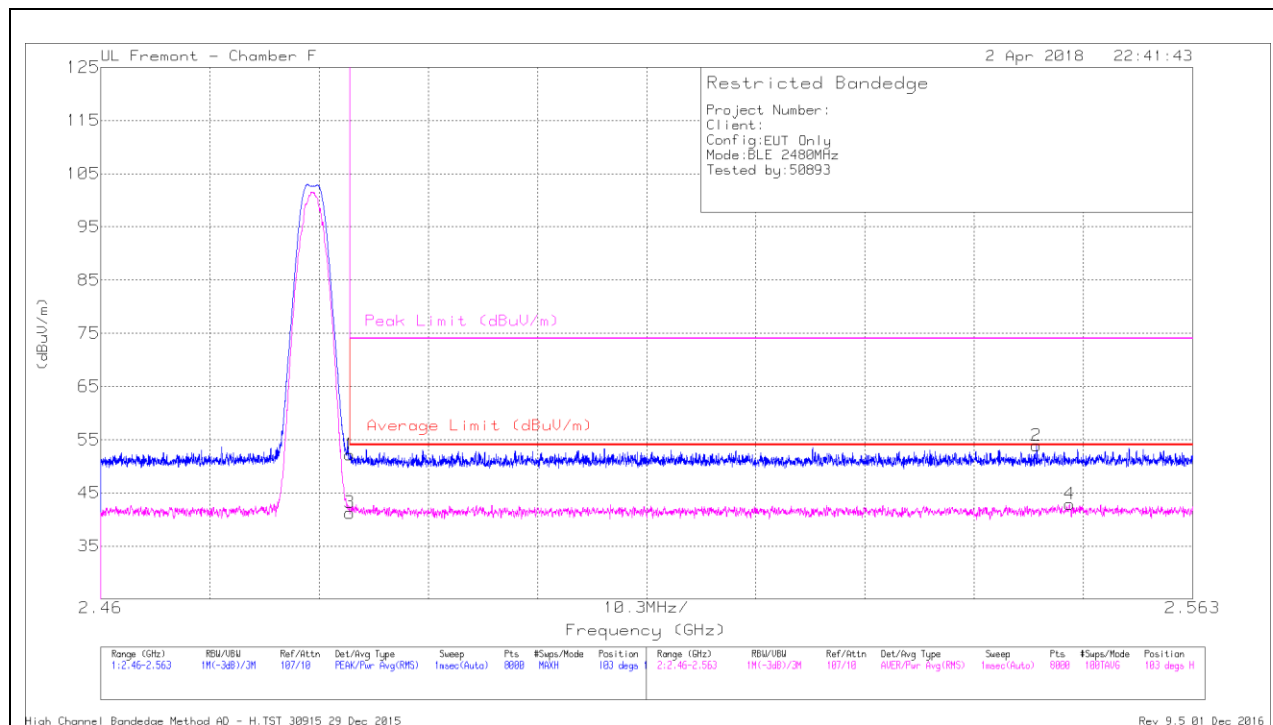
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



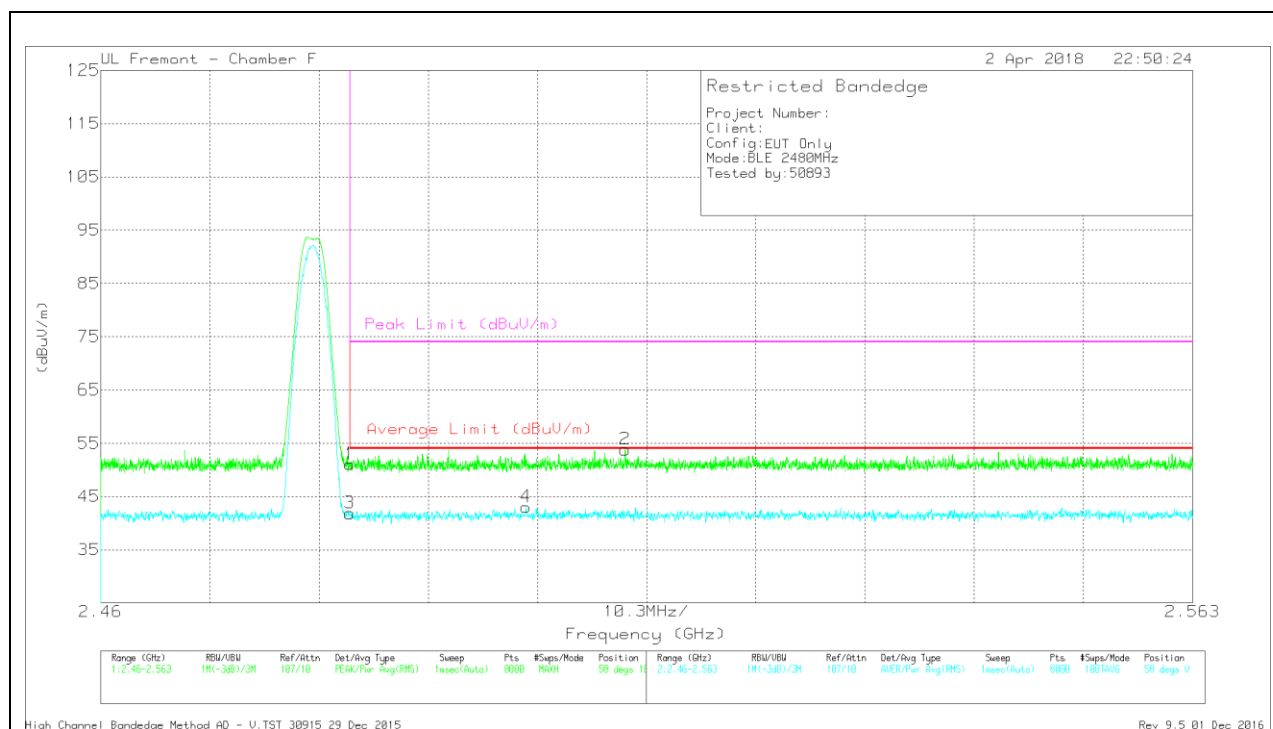
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.76	Pk	32.1	-20.7	52.16	-	-	74	-21.84	103	138	H
2	2.548	42.26	PK	32.2	-20.6	53.86	-	-	74	-20.14	103	138	H
3	* 2.484	29.83	RMS	32.1	-20.7	41.23	54	-12.77	-	-	103	138	H
4	2.551	31.18	RMS	32.2	-20.5	42.88	54	-11.12	-	-	103	138	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/CbI/FiltriP ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.68	Pk	32.1	-20.7	51.08	-	-	74	-22.92	58	181	V
2	2.509	42.23	Pk	32.2	-20.6	53.83	-	-	74	-20.17	58	181	V
3	* 2.484	30.45	RMS	32.1	-20.7	41.85	54	-12.15	-	-	58	181	V
4	2.5	31.51	RMS	32.2	-20.7	43.01	54	-10.99	-	-	58	181	V

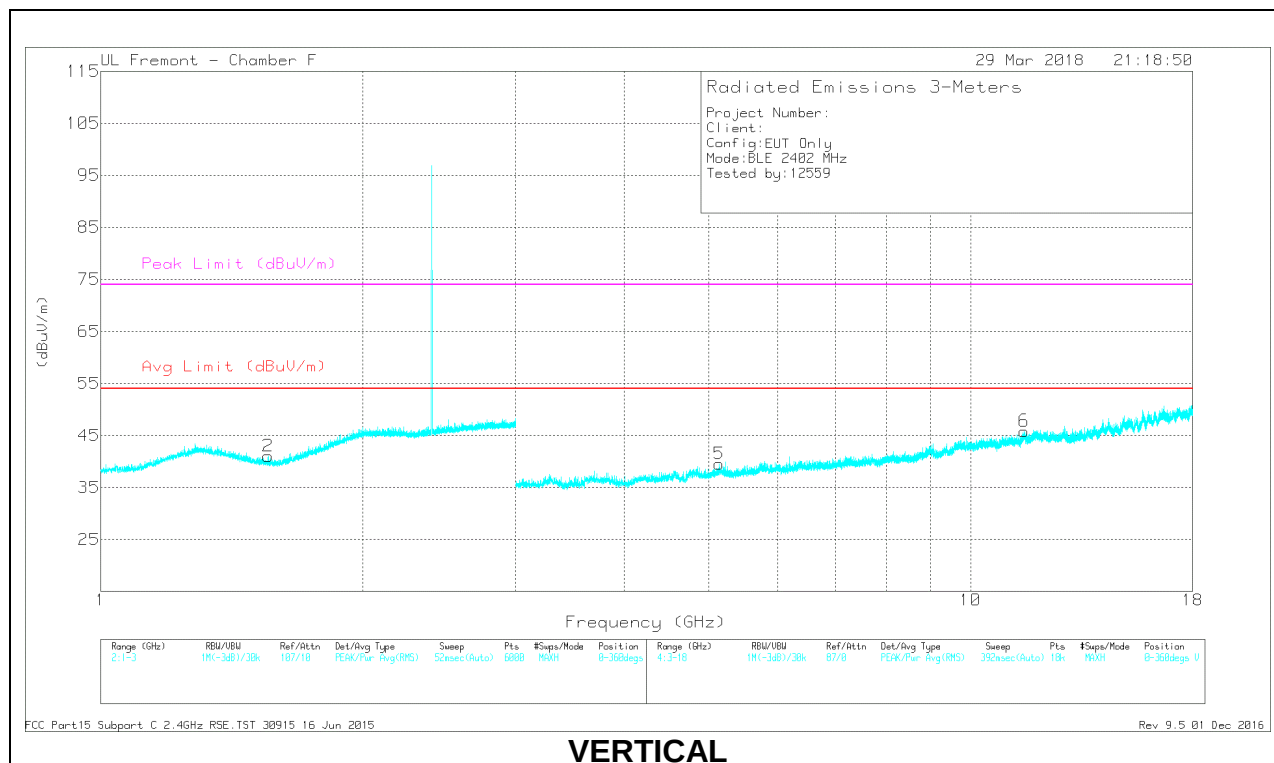
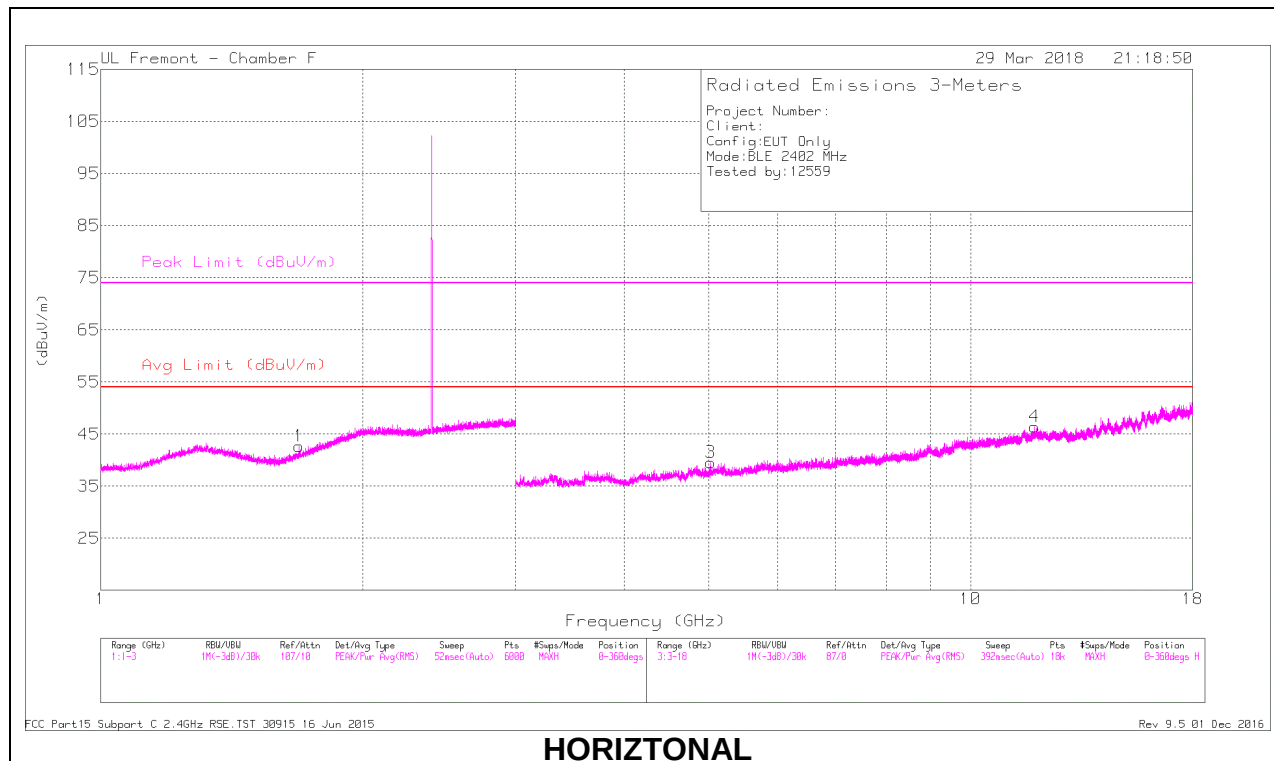
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

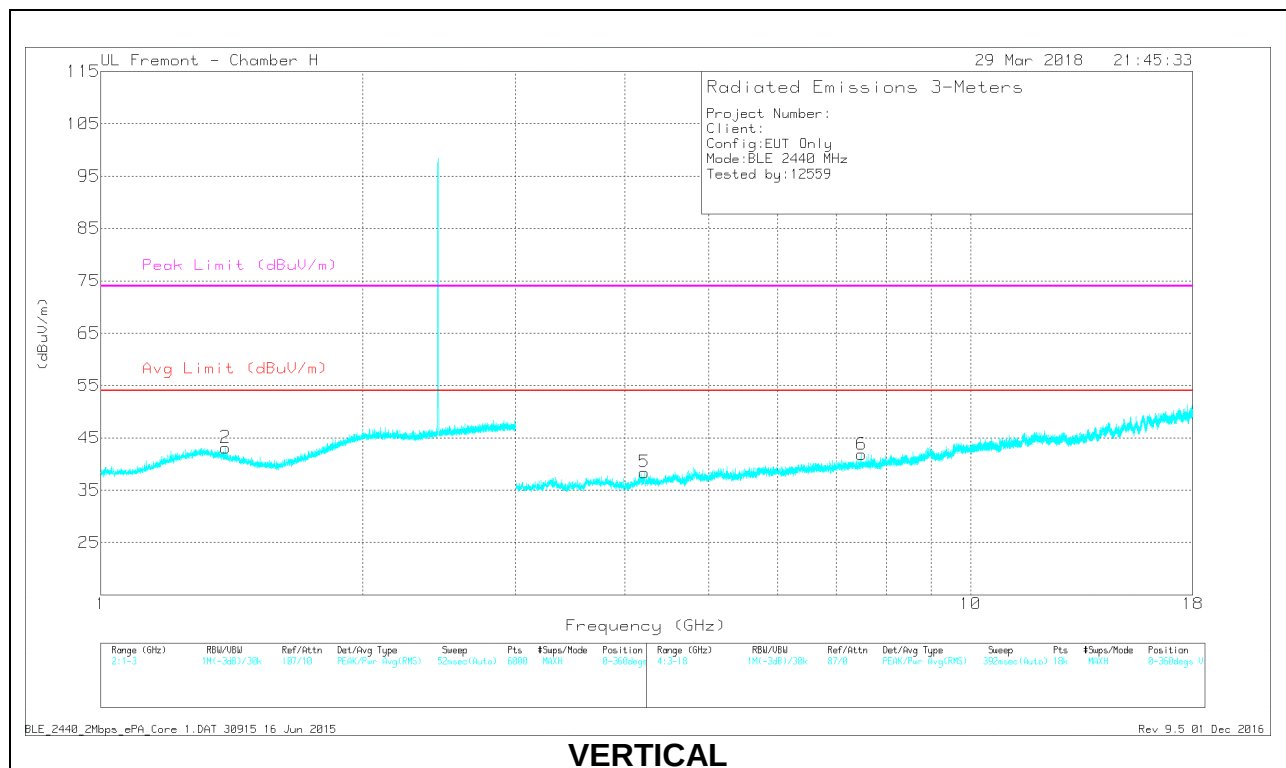
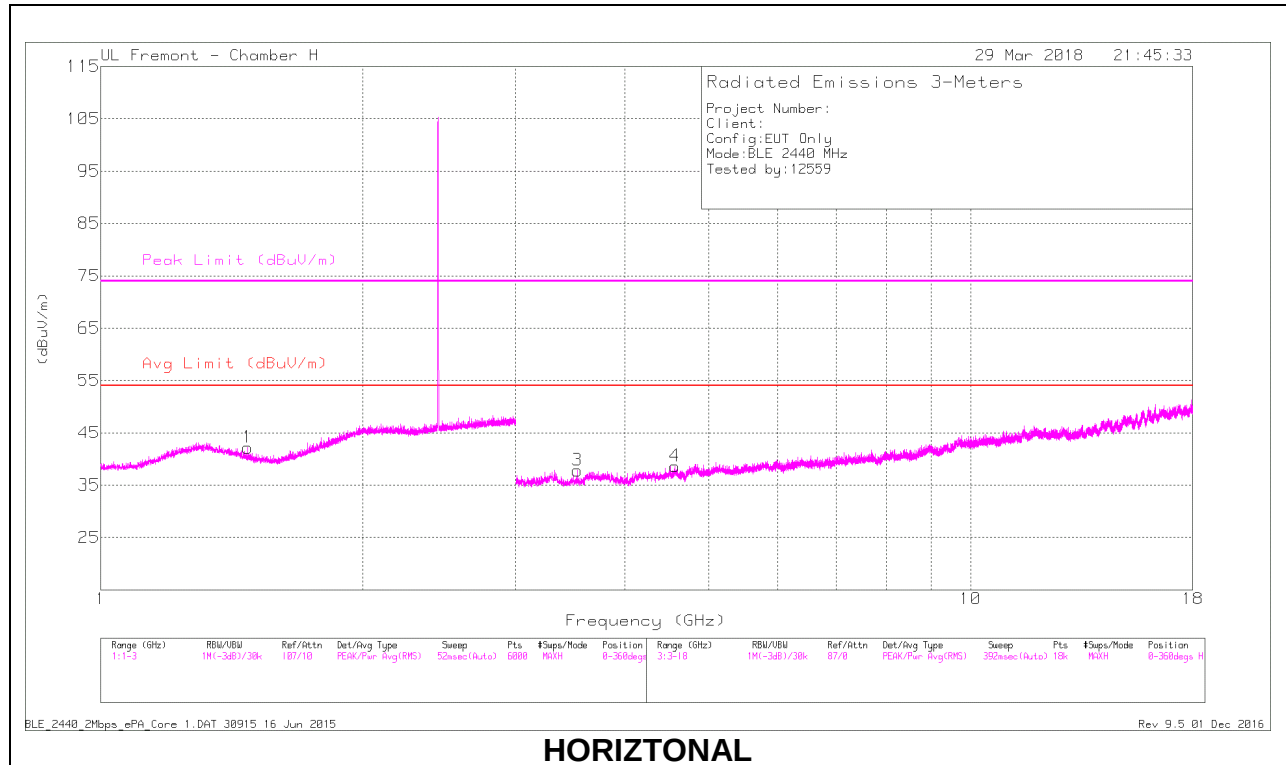
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.691	42.24	PK2	28.3	-21.4	49.14	-	-	74	-24.86	4	359	H
	* 1.688	29.97	MAv1	28.2	-21.4	36.77	54	-17.23	-	-	4	359	H
2	* 1.557	42.1	PK2	27.4	-21.7	47.8	-	-	74	-26.2	322	320	V
	* 1.558	29.91	MAv1	27.4	-21.7	35.61	54	-18.39	-	-	322	320	V
3	* 5.023	38.78	PK2	34.2	-28.2	44.78	-	-	74	-29.22	264	272	H
	* 5.026	27.91	MAv1	34.2	-28.1	34.01	54	-19.99	-	-	264	272	H
4	* 11.841	35.59	PK2	39	-21.4	53.19	-	-	74	-20.81	322	118	H
	* 11.841	24.14	MAv1	39	-21.4	41.74	54	-12.26	-	-	322	118	H
5	* 5.138	38.14	PK2	34.4	-26.4	46.14	-	-	74	-27.86	198	144	V
	* 5.139	26.35	MAv1	34.4	-26.4	34.35	54	-19.65	-	-	198	144	V
6	* 11.527	34.79	PK2	38.5	-20.4	52.89	-	-	74	-21.11	238	183	V
	* 11.526	23.18	MAv1	38.5	-20.5	41.18	54	-12.82	-	-	238	183	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 RESULTS



RADIATED EMISSIONS

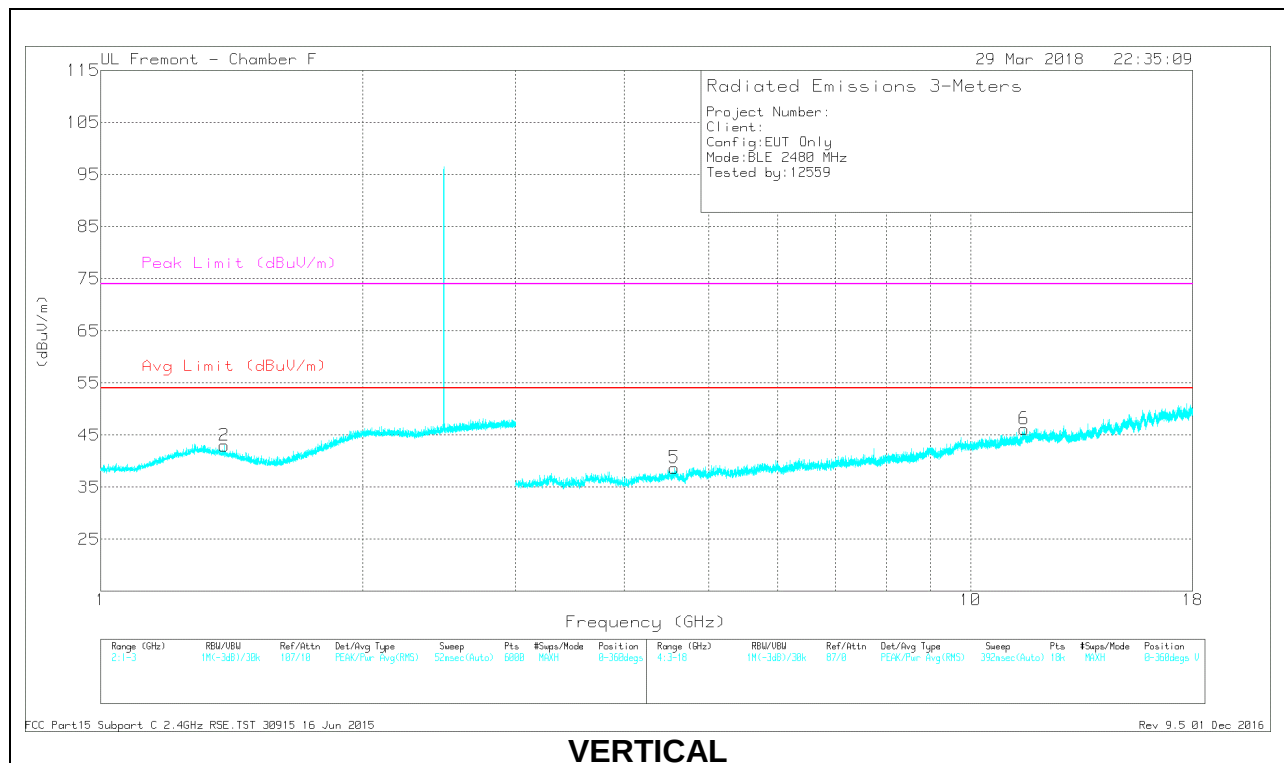
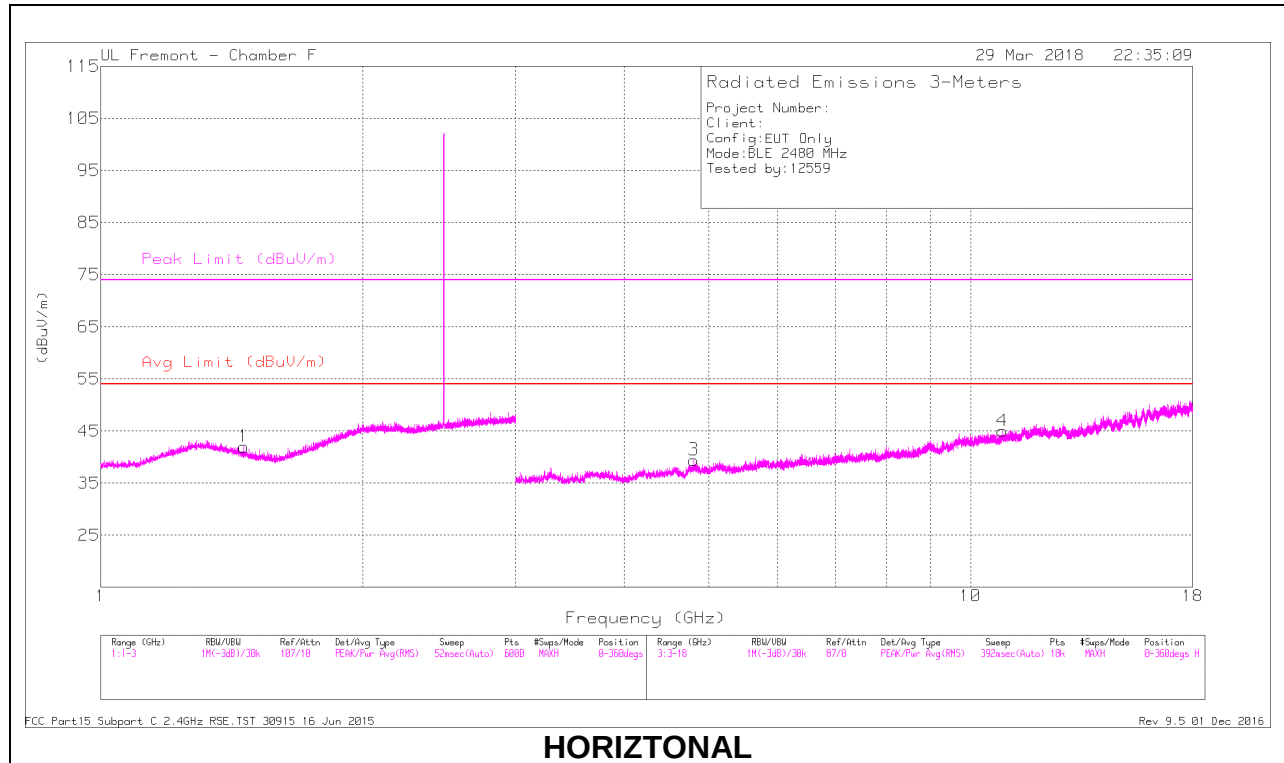
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.473	42.02	PK2	28.1	-21.7	48.42	-	-	74	-25.58	89	206	H
	* 1.475	29.97	MAv1	28.1	-21.7	36.37	54	-17.63	-	-	89	206	H
2	* 1.393	42.33	PK2	29.1	-21.8	49.63	-	-	74	-24.37	32	365	V
	* 1.39	29.93	MAv1	29.2	-21.8	37.33	54	-16.67	-	-	32	365	V
3	* 3.532	39.14	PK2	33	-28.3	43.84	-	-	74	-30.16	344	172	H
	* 3.531	27.21	MAv1	33	-28.3	31.91	54	-22.09	-	-	344	172	H
4	* 4.568	38.51	PK2	34.1	-27.3	45.31	-	-	74	-28.69	8	300	H
	* 4.572	26.73	MAv1	34.1	-27.3	33.53	54	-20.47	-	-	8	300	H
5	* 4.214	38.49	PK2	33.5	-27.7	44.29	-	-	74	-29.71	338	167	V
	* 4.214	26.81	MAv1	33.5	-27.7	32.61	54	-21.39	-	-	338	167	V
6	* 7.495	36.73	PK2	36.1	-24.9	47.93	-	-	74	-26.07	208	150	V
	* 7.496	24.81	MAv1	36.1	-24.9	36.01	54	-17.99	-	-	208	150	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 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.463	42.62	PK2	28.2	-21.7	49.12	-	-	74	-24.88	12	219	H
	* 1.462	29.89	MAV1	28.2	-21.7	36.39	54	-17.61	-	-	12	219	H
2	* 1.387	42.28	PK2	29.2	-21.8	49.68	-	-	74	-24.32	111	151	V
	* 1.385	30.01	MAV1	29.2	-21.8	37.41	54	-16.59	-	-	111	151	V
3	* 4.807	38.27	PK2	34.1	-27.1	45.27	-	-	74	-28.73	74	350	H
	* 4.807	26.96	MAV1	34.1	-27.1	33.96	54	-20.04	-	-	74	350	H
4	* 10.881	34.38	PK2	37.8	-20.9	51.28	-	-	74	-22.72	19	144	H
	* 10.88	22.98	MAV1	37.8	-20.9	39.88	54	-14.12	-	-	19	144	H
5	* 4.568	38.3	PK2	34.1	-27.3	45.1	-	-	74	-28.9	327	299	V
	* 4.567	26.84	MAV1	34.1	-27.3	33.64	54	-20.36	-	-	327	299	V
6	* 11.527	35.02	PK2	38.5	-20.5	53.02	-	-	74	-20.98	54	221	V
	* 11.526	23.11	MAV1	38.5	-20.5	41.11	54	-12.89	-	-	54	221	V

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

PK2 - KDB558074 Method: Maximum Peak

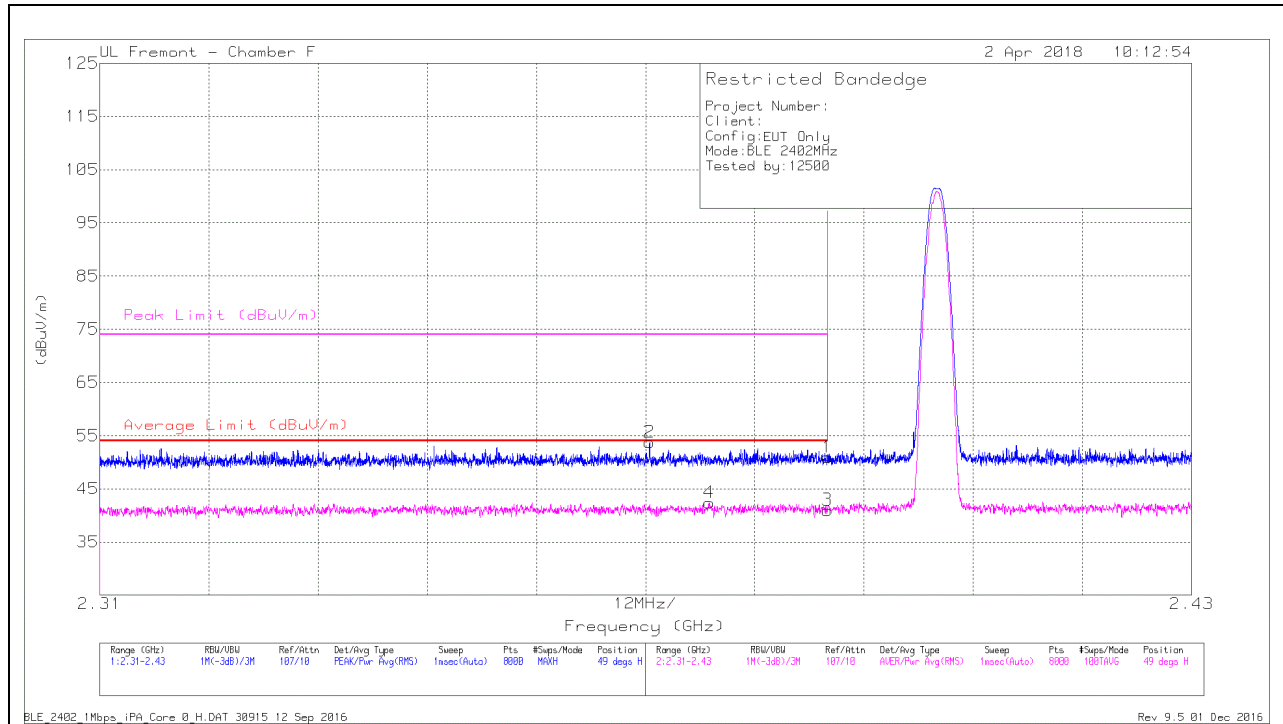
MAV1 - KDB558074 Option 1 Maximum RMS Average

9.2.3. LOW POWER BLE (1Mbps)

Antenna 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



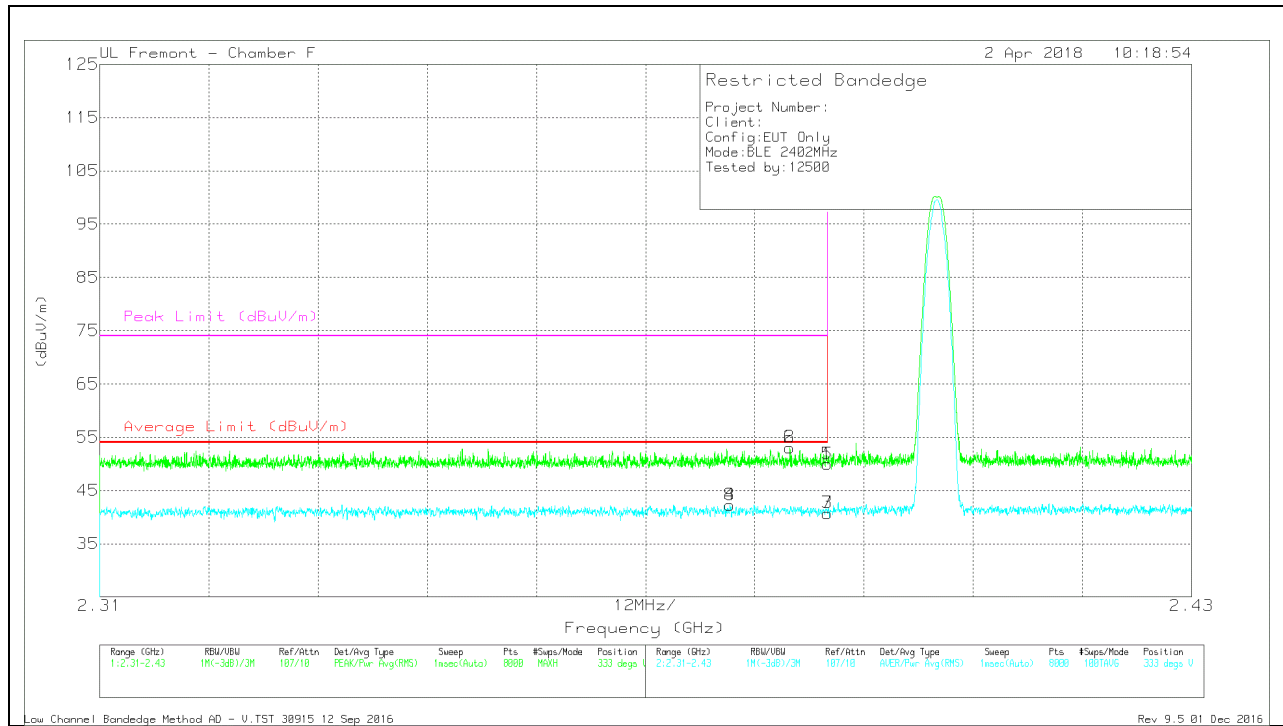
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.65	Pk	31.9	-20.6	50.95	-	-	74	-23.05	49	154	H
2	* 2.37	42.53	Pk	31.8	-20.6	53.73	-	-	74	-20.27	49	154	H
3	* 2.39	29.66	RMS	31.9	-20.6	40.96	54	-13.04	-	-	49	154	H
4	* 2.377	31.19	RMS	31.8	-20.6	42.39	54	-11.61	-	-	49	154	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cbl/FiltriP ad (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	38.63	Pk	31.9	-20.6	49.93	-	-	74	-24.07	333	270	V
2	* 2.386	41.87	Pk	31.8	-20.6	53.07	-	-	74	-20.93	333	270	V
5	* 2.39	38.63	Pk	31.9	-20.6	49.93	-	-	74	-24.07	333	270	V
6	* 2.386	41.87	Pk	31.8	-20.6	53.07	-	-	74	-20.93	333	270	V
3	* 2.39	29.44	RMS	31.9	-20.6	40.74	54	-13.26	-	-	333	270	V
4	* 2.379	31.06	RMS	31.8	-20.6	42.26	54	-11.74	-	-	333	270	V
7	* 2.39	29.44	RMS	31.9	-20.6	40.74	54	-13.26	-	-	333	270	V
8	* 2.379	31.06	RMS	31.8	-20.6	42.26	54	-11.74	-	-	333	270	V

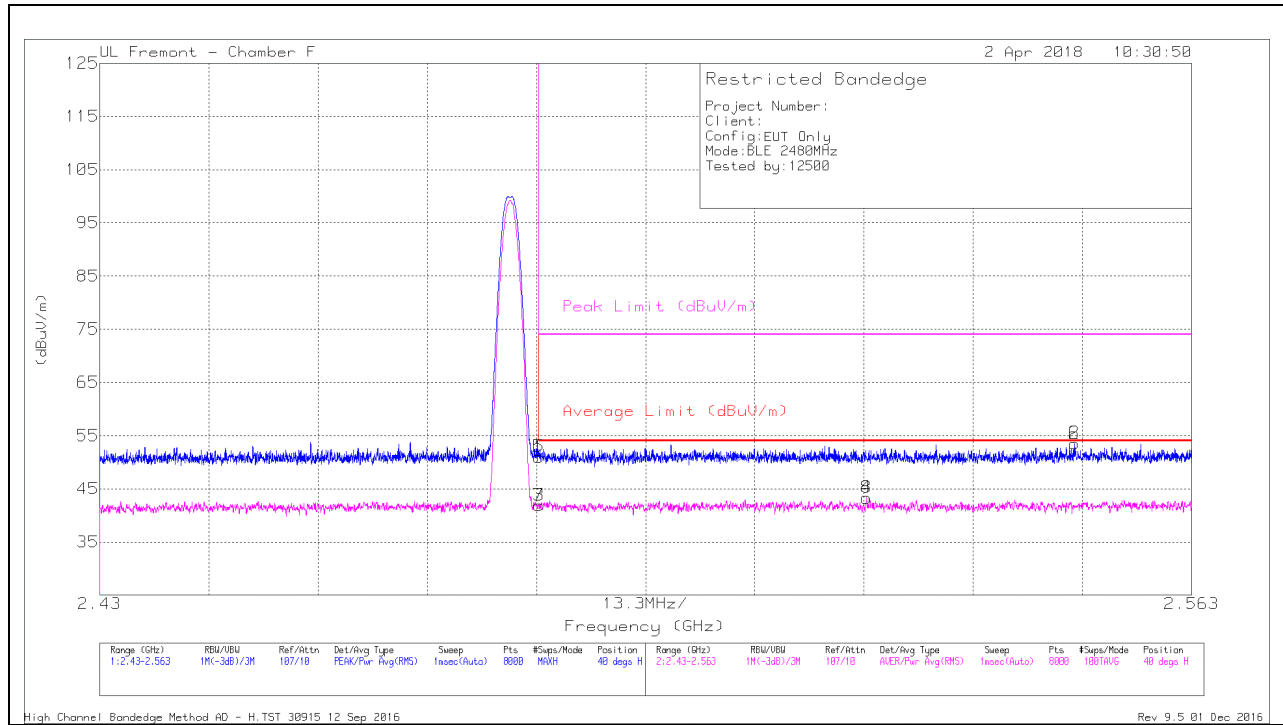
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



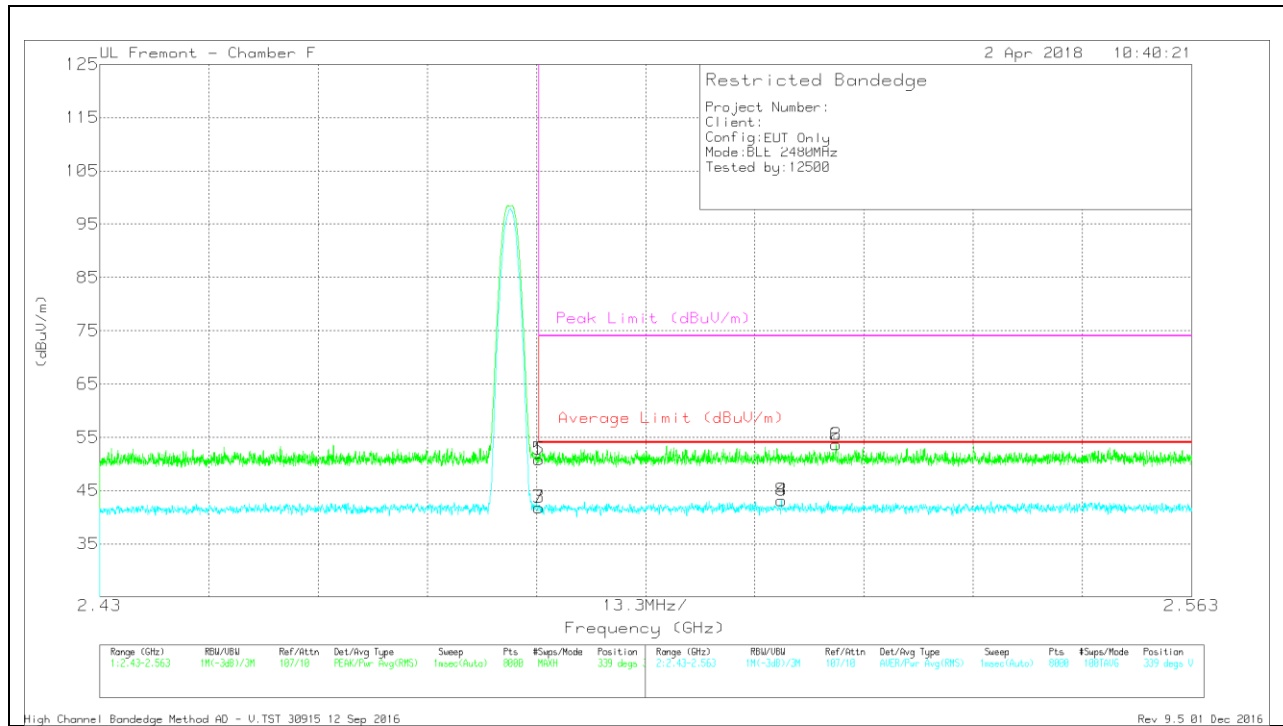
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.62	Pk	32.1	-20.7	51.02	-	-	74	-22.98	40	218	H
2	2.549	41.93	Pk	32.2	-20.6	53.53	-	-	74	-20.47	40	218	H
5	* 2.484	39.62	Pk	32.1	-20.7	51.02	-	-	74	-22.98	40	218	H
6	2.549	41.93	Pk	32.2	-20.6	53.53	-	-	74	-20.47	40	218	H
3	* 2.484	30.5	RMS	32.1	-20.7	41.9	54	-12.1	-	-	40	218	H
4	2.523	31.82	RMS	32.2	-20.7	43.32	54	-10.68	-	-	40	218	H
7	* 2.484	30.5	RMS	32.1	-20.7	41.9	54	-12.1	-	-	40	218	H
8	2.523	31.82	RMS	32.2	-20.7	43.32	54	-10.68	-	-	40	218	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.46	Pk	32.1	-20.7	50.86	-	-	74	-23.14	339	318	V
2	2.52	42.01	Pk	32.2	-20.6	53.61	-	-	74	-20.39	339	318	V
5	* 2.484	39.46	Pk	32.1	-20.7	50.86	-	-	74	-23.14	339	318	V
6	2.52	42.01	Pk	32.2	-20.6	53.61	-	-	74	-20.39	339	318	V
3	* 2.484	30.41	RMS	32.1	-20.7	41.81	54	-12.19	-	-	339	318	V
4	2.513	31.64	RMS	32.2	-20.7	43.14	54	-10.86	-	-	339	318	V
7	* 2.484	30.41	RMS	32.1	-20.7	41.81	54	-12.19	-	-	339	318	V
8	2.513	31.64	RMS	32.2	-20.7	43.14	54	-10.86	-	-	339	318	V

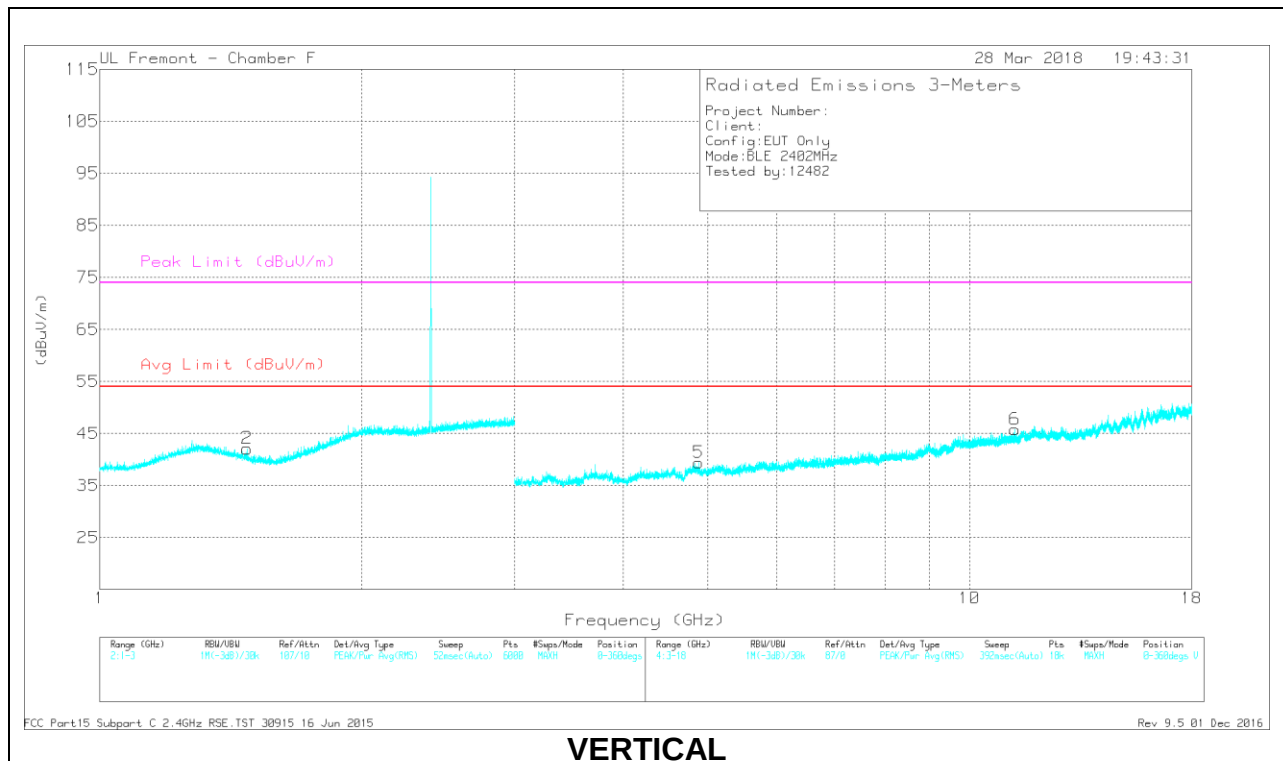
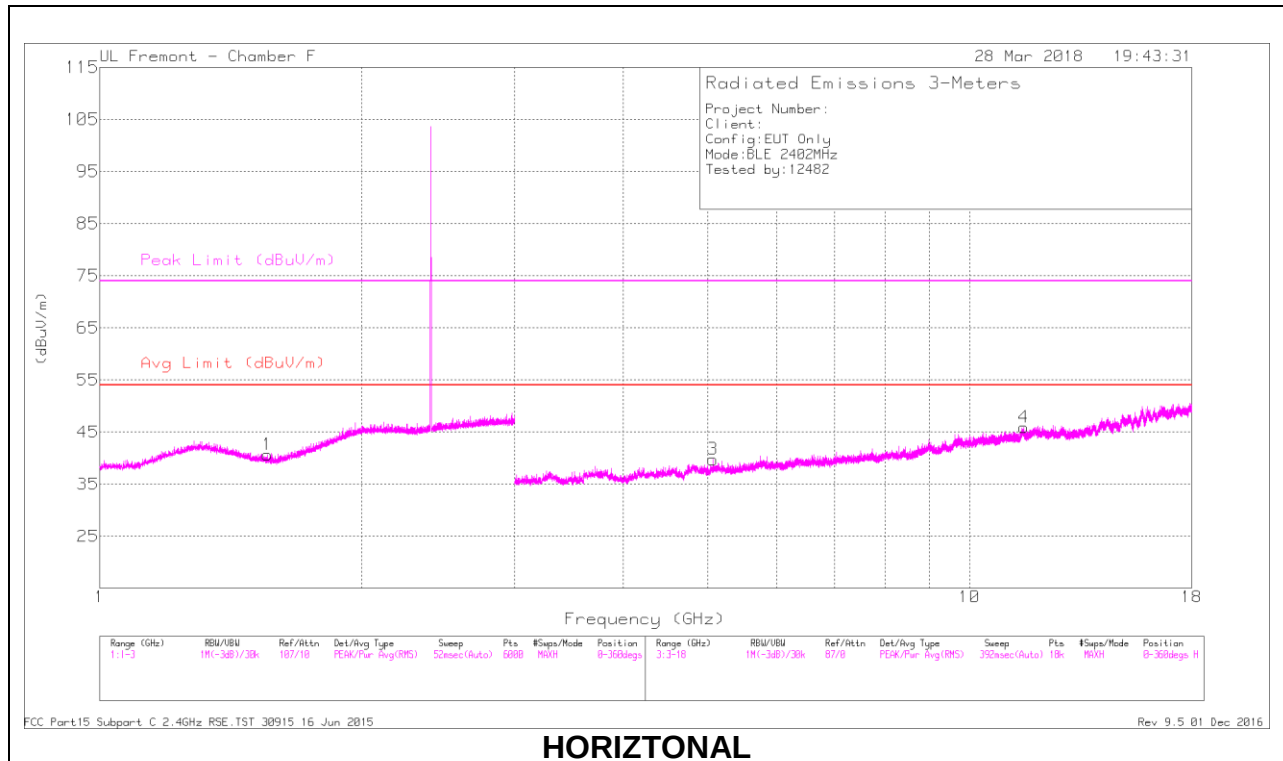
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

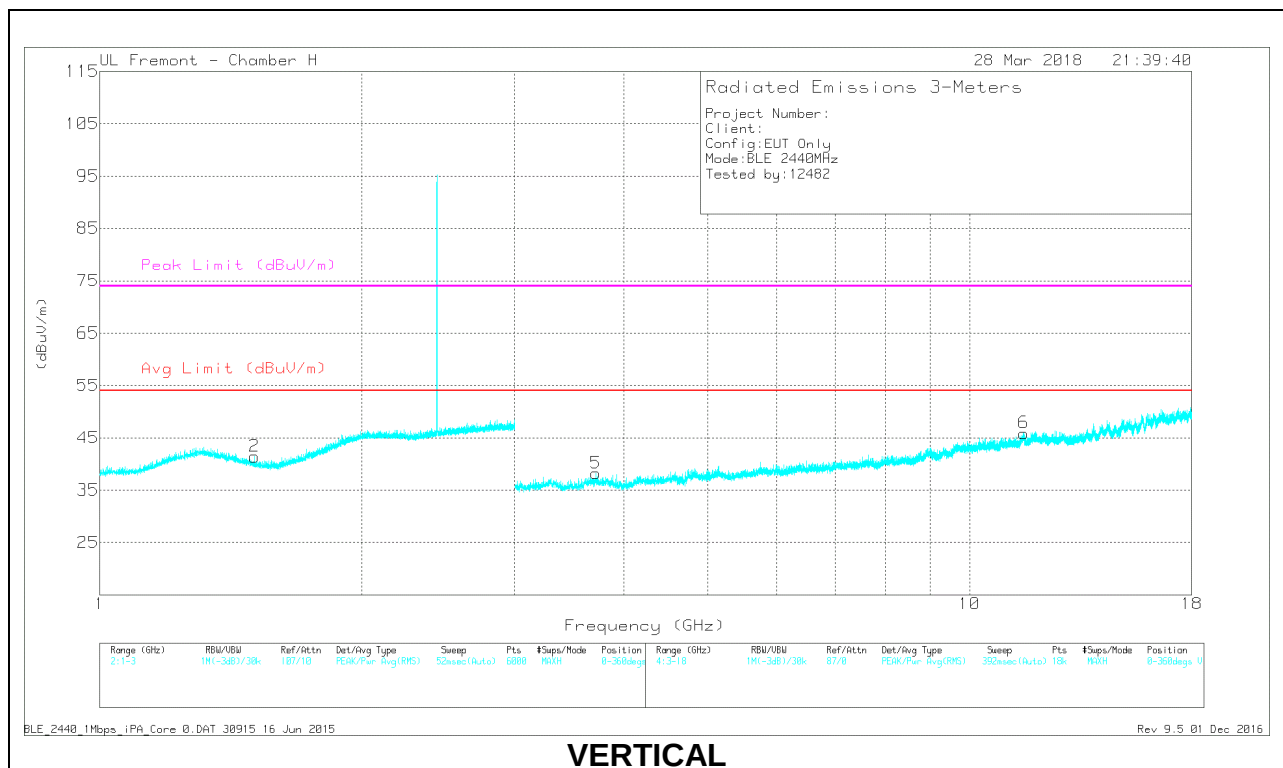
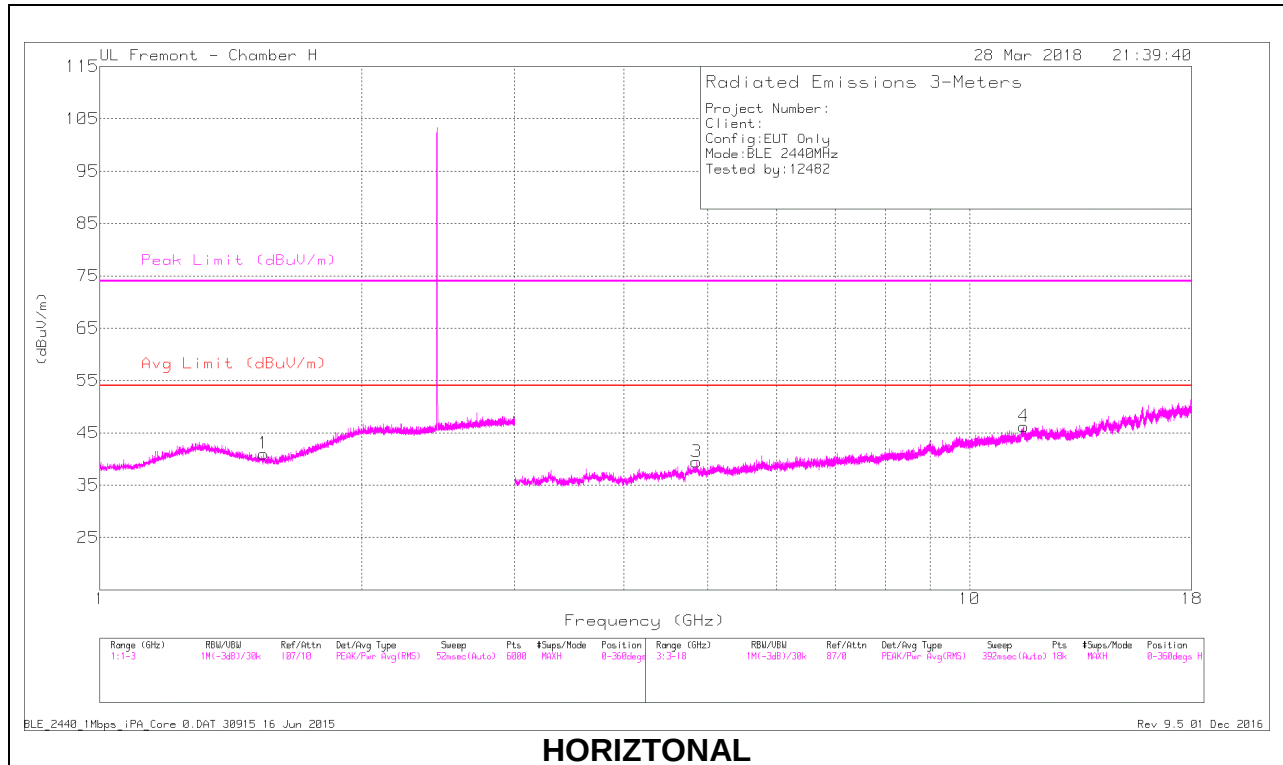
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.558	42.04	PK2	27.4	-21.7	47.74	-	-	74	-26.26	210	176	H
	* 1.561	29.83	MAv1	27.4	-21.7	35.53	54	-18.47	-	-	210	176	H
2	* 1.478	41.88	PK2	28	-21.7	48.18	-	-	74	-25.82	140	219	V
	* 1.477	29.87	MAv1	28	-21.7	36.17	54	-17.83	-	-	140	219	V
3	* 5.07	39.62	PK2	34.3	-27.2	46.72	-	-	74	-27.28	229	281	H
	* 5.07	27.19	MAv1	34.3	-27.2	34.29	54	-19.71	-	-	229	281	H
4	* 11.542	34.65	PK2	38.5	-20.5	52.65	-	-	74	-21.35	281	211	H
	* 11.539	23.07	MAv1	38.5	-20.4	41.17	54	-12.83	-	-	281	211	H
5	* 4.883	39.05	PK2	34.2	-27.4	45.85	-	-	74	-28.15	87	226	V
	* 4.882	26.21	MAv1	34.2	-27.4	33.01	54	-20.99	-	-	87	226	V
6	* 11.275	35.24	PK2	38.1	-21	52.34	-	-	74	-21.66	4	203	V
	* 11.275	23.14	MAv1	38.1	-21	40.24	54	-13.76	-	-	4	203	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 RESULTS



RADIATED EMISSIONS

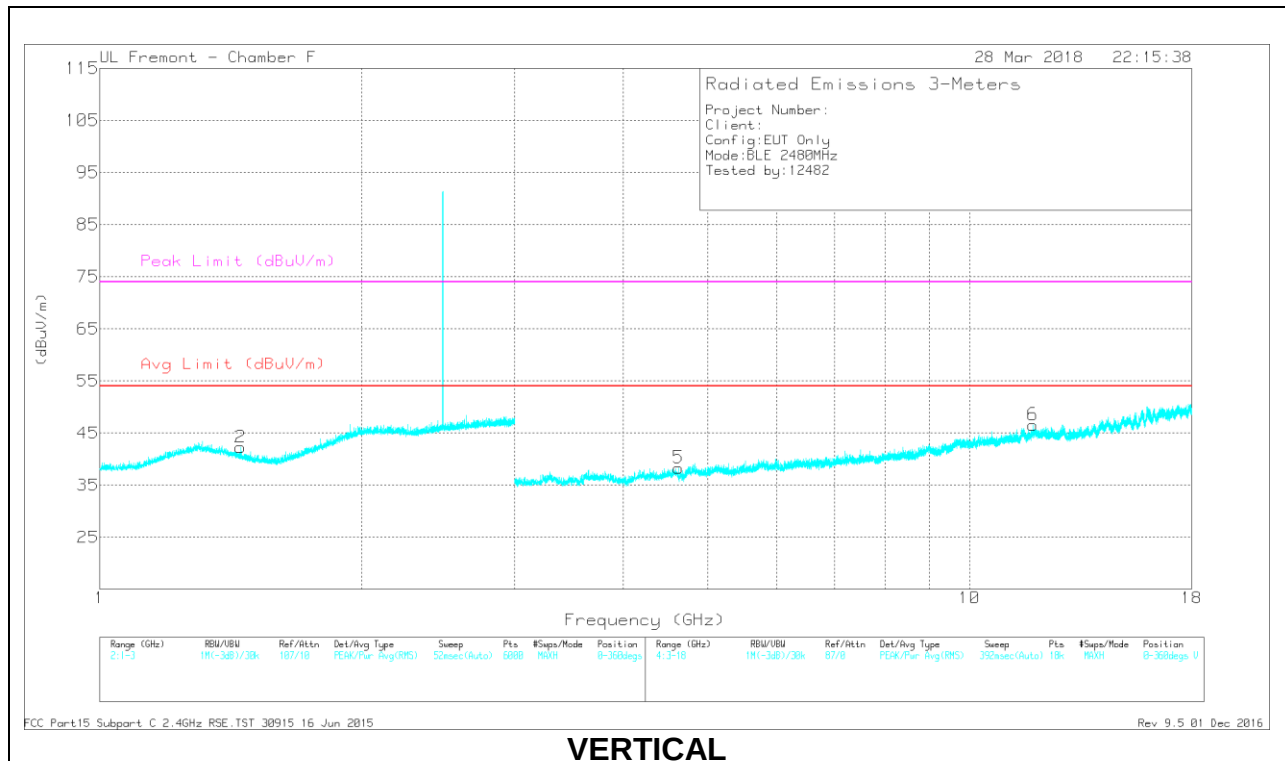
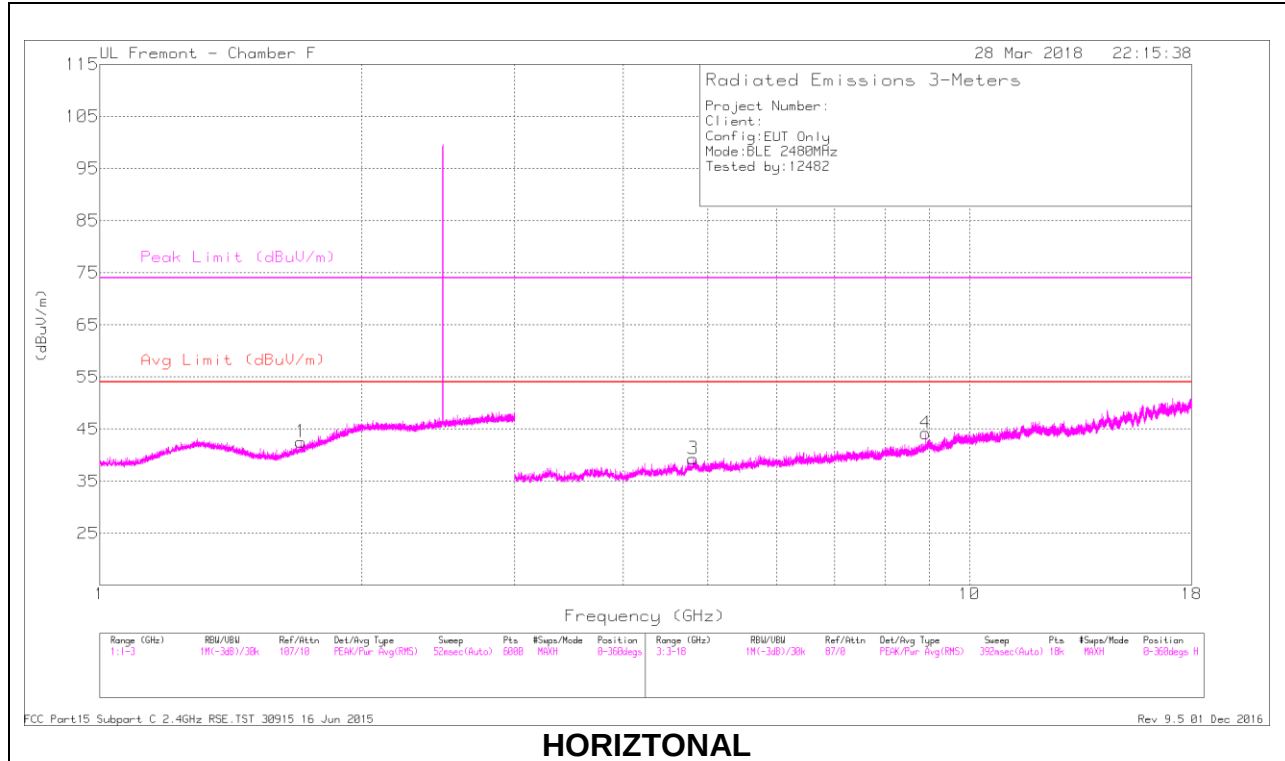
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
1	* 1.541	43.16	PK2	27.5	-21.7	48.96	-	-	74	-25.04	99	110	H
	* 1.544	29.94	MAV1	27.5	-21.7	35.74	54	-18.26	-	-	99	110	H
2	* 1.504	41.7	PK2	27.7	-21.7	47.7	-	-	74	-26.3	63	184	V
	* 1.507	29.85	MAV1	27.7	-21.7	35.85	54	-18.15	-	-	63	184	V
3	* 4.854	38.33	PK2	34.2	-27.3	45.23	-	-	74	-28.77	321	103	H
	* 4.852	26.68	MAV1	34.2	-27.3	33.58	54	-20.42	-	-	321	103	H
4	* 11.54	34.7	PK2	38.5	-20.4	52.8	-	-	74	-21.2	105	219	H
	* 11.542	23.13	MAV1	38.5	-20.5	41.13	54	-12.87	-	-	105	219	H
5	* 3.718	39.31	PK2	33.3	-29	43.61	-	-	74	-30.39	88	303	V
	* 3.718	27.92	MAV1	33.3	-29	32.22	54	-21.78	-	-	88	303	V
6	* 11.537	35.13	PK2	38.5	-20.4	53.23	-	-	74	-20.77	138	137	V
	* 11.537	23.15	MAV1	38.5	-20.4	41.25	54	-12.75	-	-	138	137	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 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.703	42.21	PK2	28.4	-21.4	49.21	-	-	74	-24.79	21	303	H
	* 1.704	29.85	MAV1	28.4	-21.4	36.85	54	-17.15	-	-	21	303	H
2	* 1.453	42.16	PK2	28.4	-21.8	48.76	-	-	74	-25.24	241	306	V
	* 1.452	29.83	MAV1	28.4	-21.8	36.43	54	-17.57	-	-	241	306	V
3	* 4.812	38.02	PK2	34.1	-27.1	45.02	-	-	74	-28.98	270	331	H
	* 4.811	27.14	MAV1	34.1	-27.1	34.14	54	-19.86	-	-	270	331	H
4	8.902	35.55	PK2	36.6	-23.3	48.85	-	-	-	-	67	100	H
5	* 4.631	39.46	PK2	34.1	-28.1	45.46	-	-	74	-28.54	223	267	V
	* 4.632	27.07	MAV1	34.1	-28.2	32.97	54	-21.03	-	-	223	267	V
6	* 11.833	35.83	PK2	39	-21.5	53.33	-	-	74	-20.67	144	352	V
	* 11.833	24.27	MAV1	39	-21.6	41.67	54	-12.33	-	-	144	352	V

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

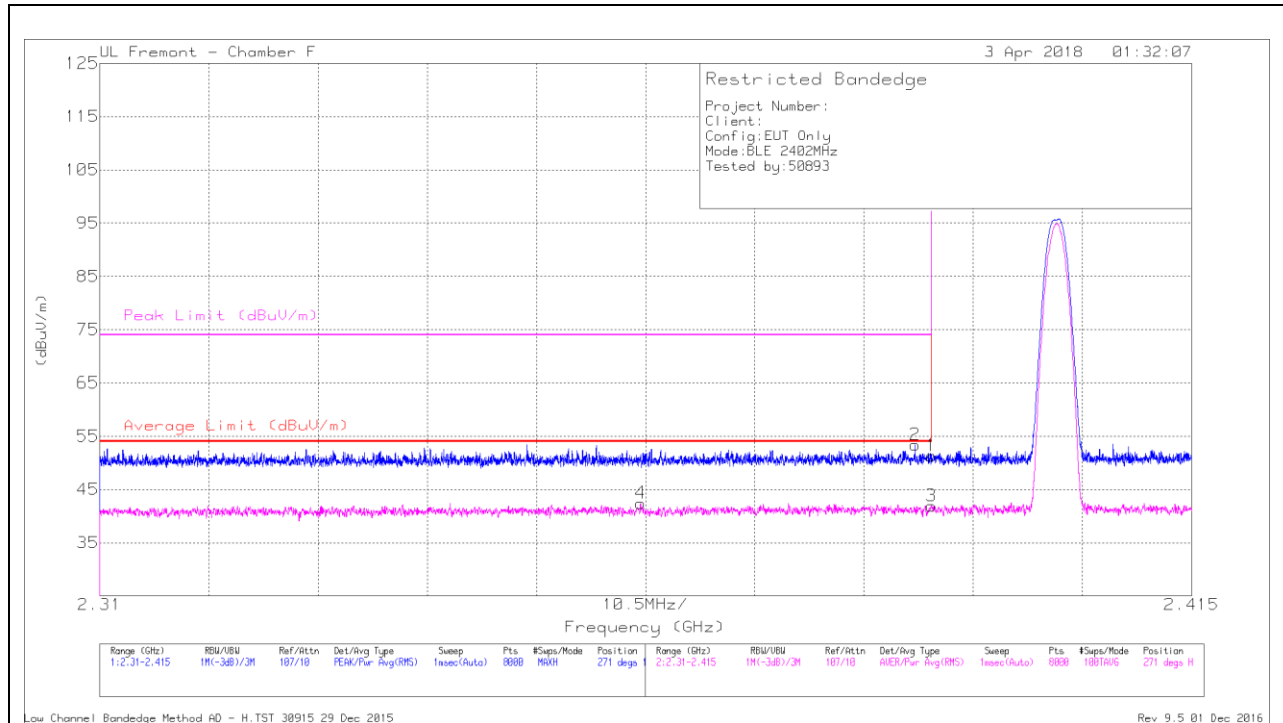
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



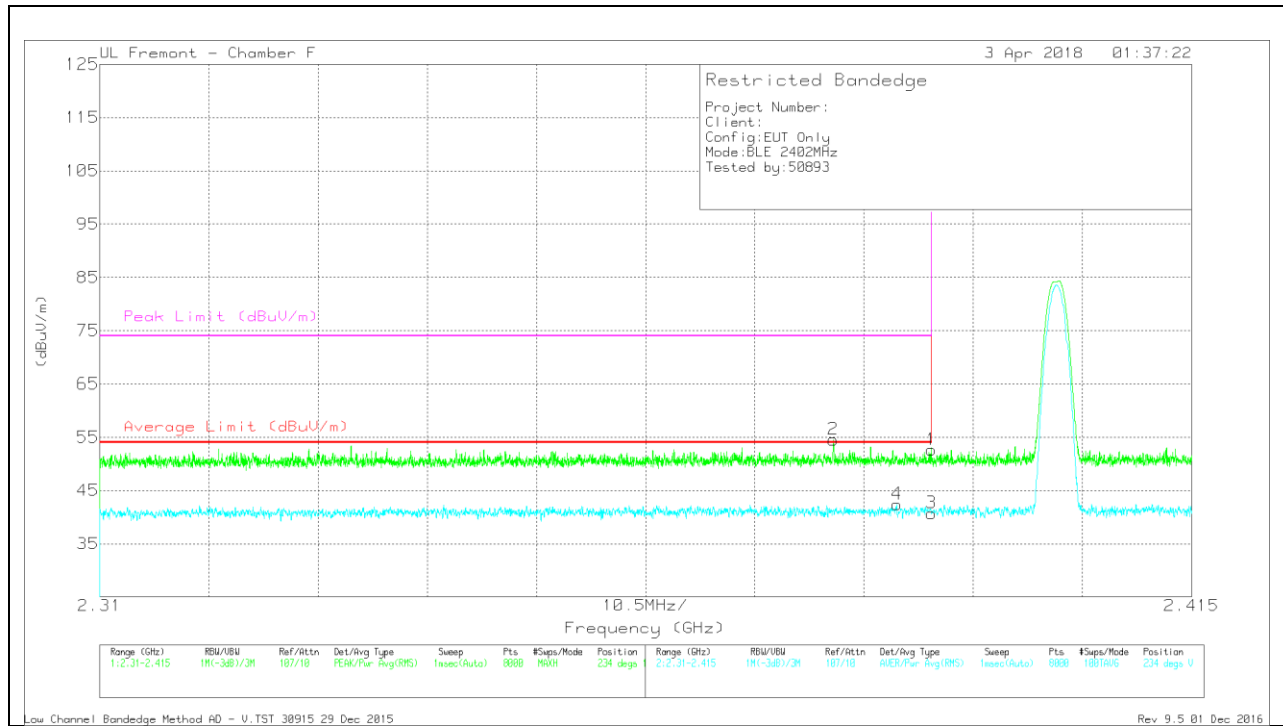
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	40.02	Pk	31.9	-20.6	51.32	-	-	74	-22.68	271	148	H
2	* 2.388	42.05	Pk	31.9	-20.6	53.35	-	-	74	-20.65	271	148	H
3	* 2.39	30.58	RMS	31.9	-20.6	41.88	54	-12.12	-	-	271	148	H
4	* 2.362	31.31	RMS	31.8	-20.7	42.41	54	-11.59	-	-	271	148	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/CbI/FiltriP ad (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	41.33	Pk	31.9	-20.6	52.63	-	-	74	-21.37	234	154	V
2	* 2.381	43.35	Pk	31.8	-20.6	54.55	-	-	74	-19.45	234	154	V
3	* 2.39	29.44	RMS	31.9	-20.6	40.74	54	-13.26	-	-	234	154	V
4	* 2.387	31.1	RMS	31.9	-20.6	42.4	54	-11.6	-	-	234	154	V

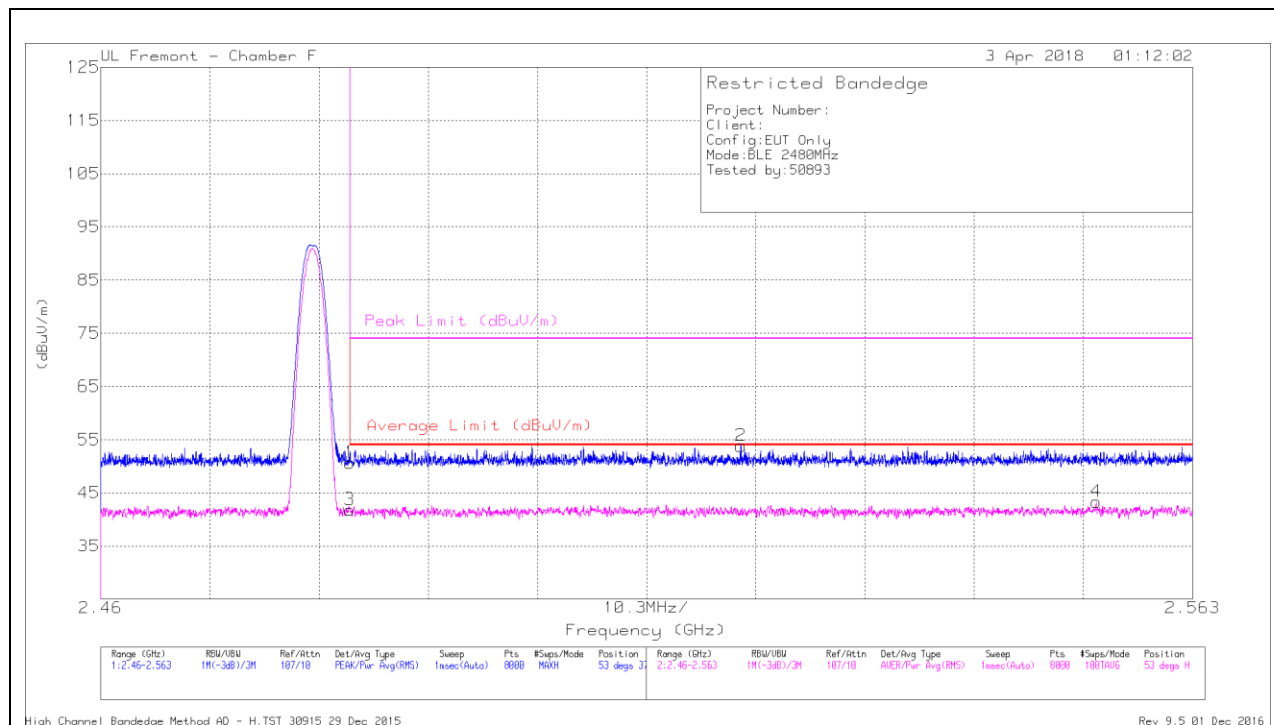
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



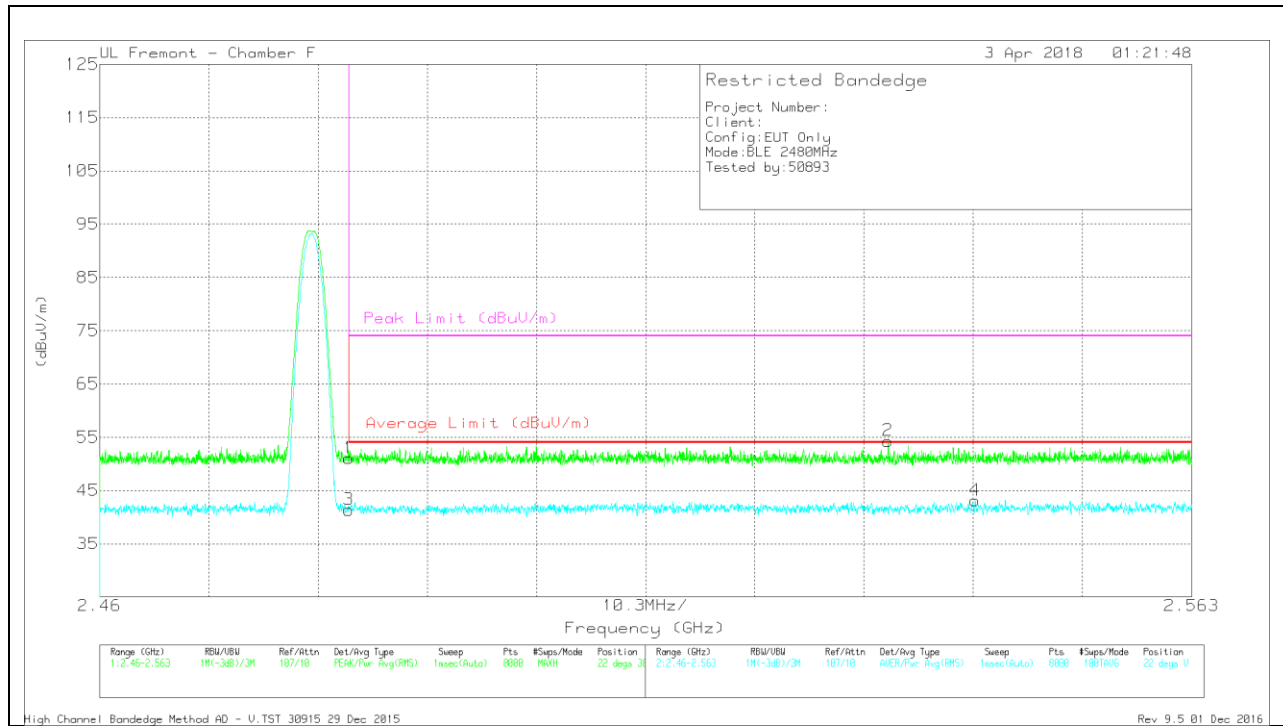
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.25	Pk	32.1	-20.7	50.65	-	-	74	-23.35	53	376	H
2	2.52	42.23	Pk	32.2	-20.6	53.83	-	-	74	-20.17	53	376	H
3	* 2.484	30.4	RMS	32.1	-20.7	41.8	54	-12.2	-	-	53	376	H
4	2.554	31.71	RMS	32.2	-20.6	43.31	54	-10.69	-	-	53	376	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cb1/Filt/PA ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.66	Pk	32.1	-20.7	51.06	-	-	74	-22.94	22	382	V
2	2.534	42.79	Pk	32.2	-20.7	54.29	-	-	74	-19.71	22	382	V
3	* 2.484	29.97	RMS	32.1	-20.7	41.37	54	-12.63	-	-	22	382	V
4	2.543	31.62	RMS	32.2	-20.7	43.12	54	-10.88	-	-	22	382	V

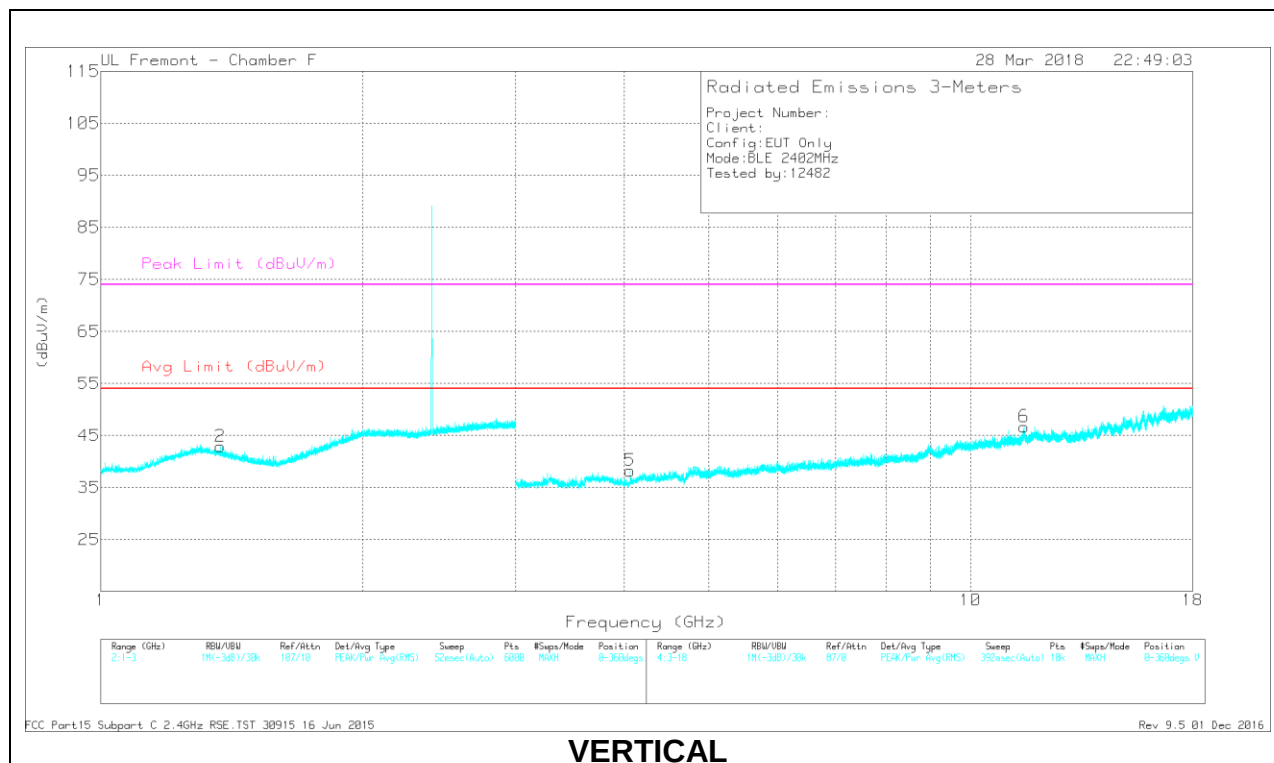
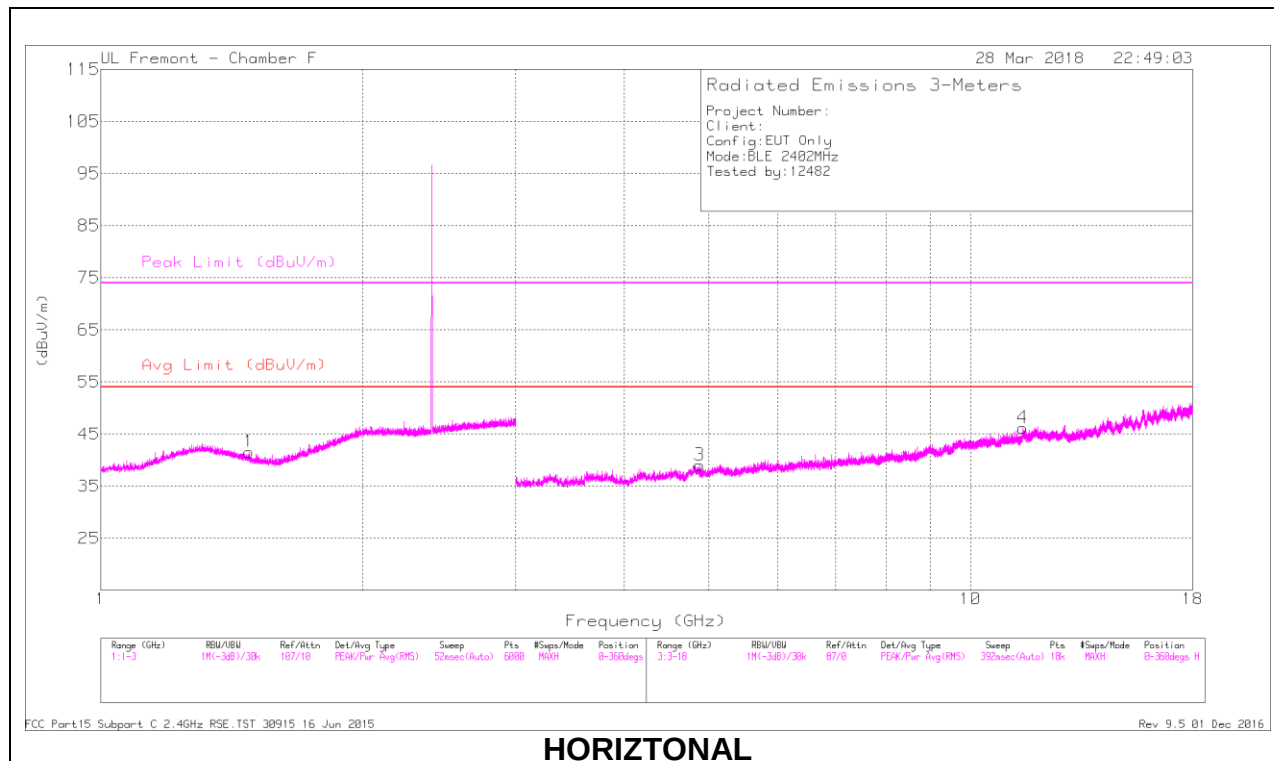
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

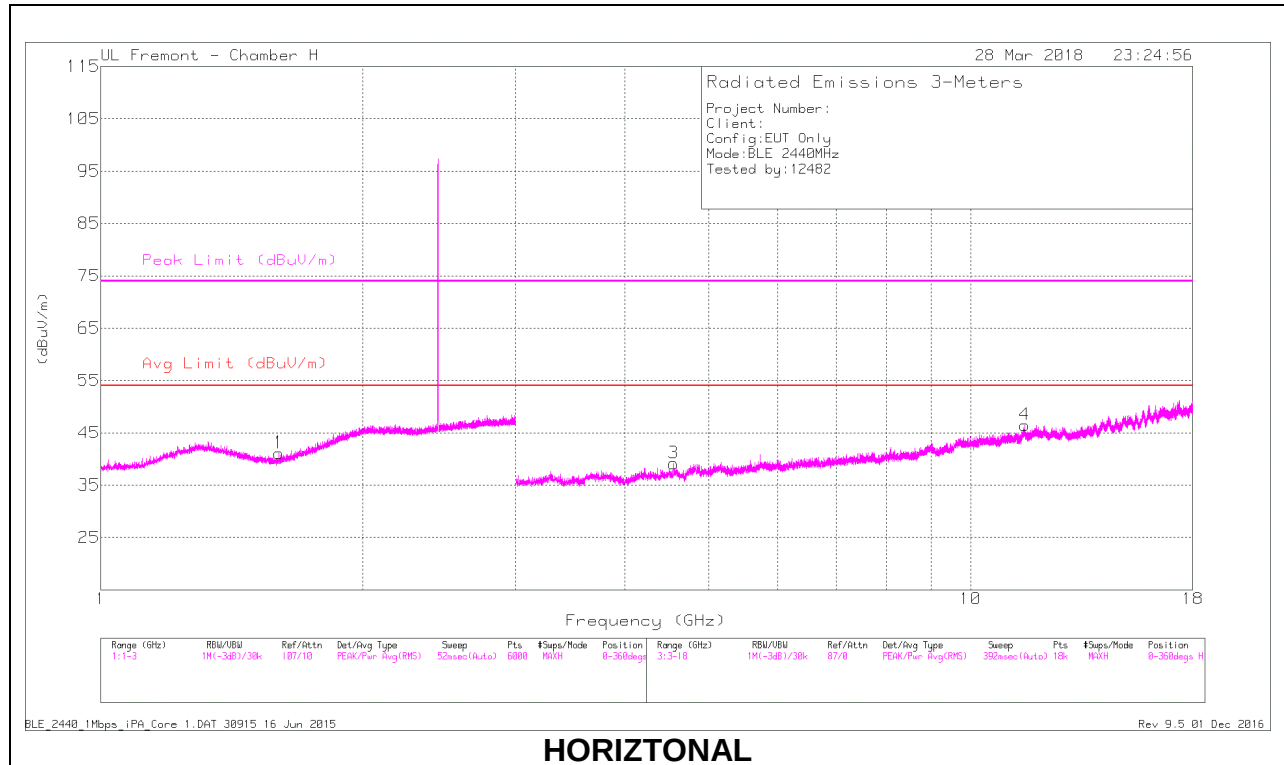
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.481	41.78	PK2	28	-21.7	48.08	-	-	74	-25.92	305	397	H
	* 1.481	29.94	MAv1	28	-21.7	36.24	54	-17.76	-	-	305	397	H
2	* 1.373	42.22	PK2	29.4	-21.8	49.82	-	-	74	-24.18	299	350	V
	* 1.374	29.95	MAv1	29.3	-21.8	37.45	54	-16.55	-	-	299	350	V
3	* 4.881	37.55	PK2	34.2	-27.4	44.35	-	-	74	-29.65	285	283	H
	* 4.881	26.65	MAv1	34.2	-27.4	33.45	54	-20.55	-	-	285	283	H
4	* 11.483	35.65	PK2	38.4	-20.9	53.15	-	-	74	-20.85	243	326	H
	* 11.482	23.52	MAv1	38.4	-20.9	41.02	54	-12.98	-	-	243	326	H
5	* 4.06	38.66	PK2	33.4	-28.5	43.56	-	-	74	-30.44	91	253	V
	* 4.06	27.16	MAv1	33.4	-28.5	32.06	54	-21.94	-	-	91	253	V
6	* 11.522	34.98	PK2	38.5	-20.6	52.88	-	-	74	-21.12	29	363	V
	* 11.524	23.19	MAv1	38.5	-20.6	41.09	54	-12.91	-	-	29	363	V

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

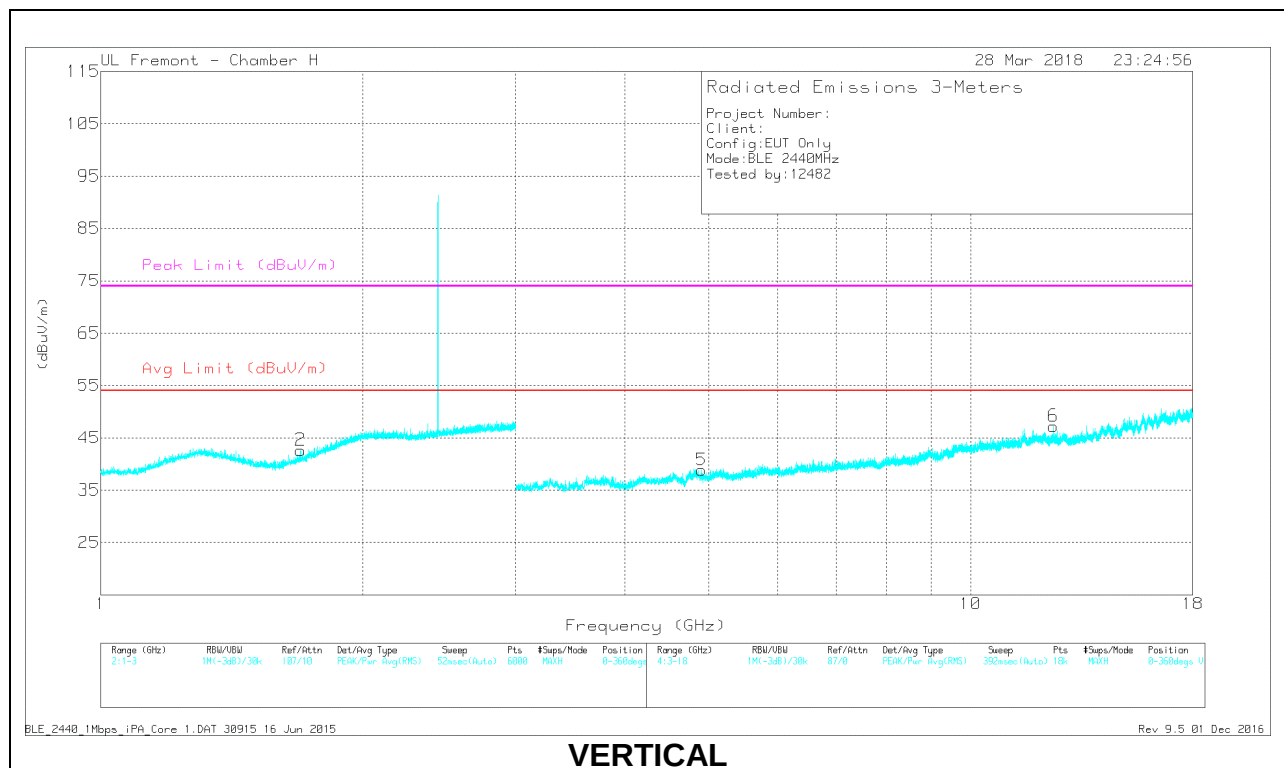
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

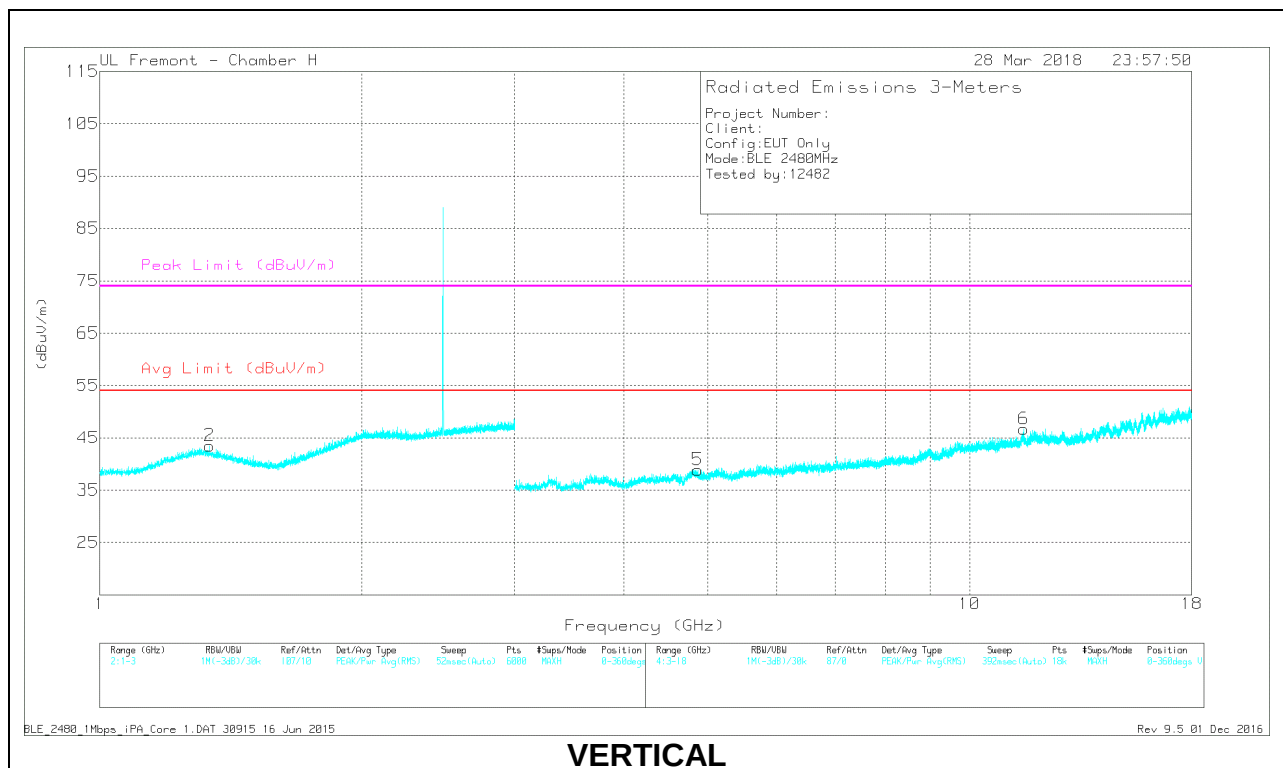
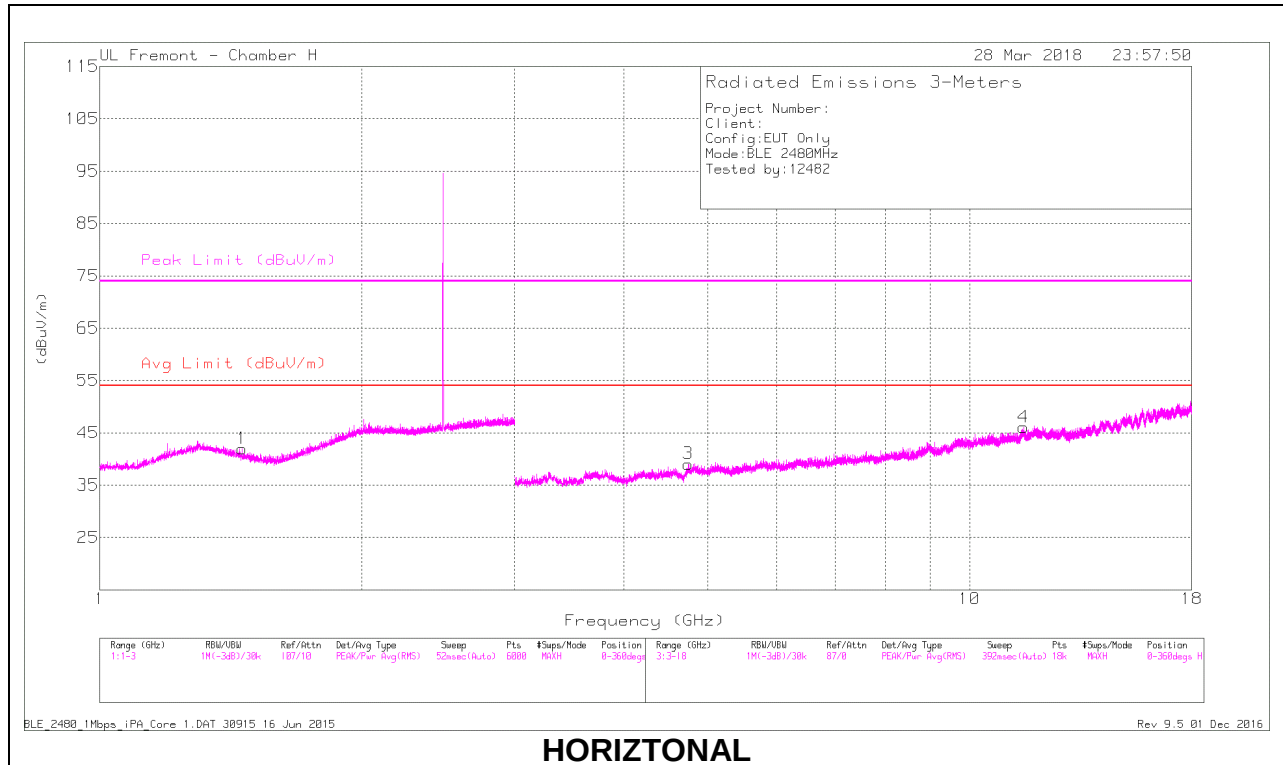
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.604	41.6	PK2	27.3	-21.6	47.3	-	-	74	-26.7	307	132	H
	* 1.603	29.93	MAv1	27.3	-21.6	35.63	54	-18.37	-	-	307	132	H
2	* 1.696	42.13	PK2	28.3	-21.4	49.03	-	-	74	-24.97	227	121	V
	* 1.698	29.93	MAv1	28.3	-21.4	36.83	54	-17.17	-	-	227	121	V
3	* 4.554	38.75	PK2	34.1	-27.3	45.55	-	-	74	-28.45	209	284	H
	* 4.555	27.48	MAv1	34.1	-27.3	34.28	54	-19.72	-	-	209	284	H
4	* 11.542	34.6	PK2	38.5	-20.5	52.6	-	-	74	-21.4	71	361	H
	* 11.541	23.14	MAv1	38.5	-20.4	41.24	54	-12.76	-	-	71	361	H
5	* 4.905	38.88	PK2	34.2	-27.8	45.28	-	-	74	-28.72	349	179	V
	* 4.904	27.13	MAv1	34.2	-27.8	33.53	54	-20.47	-	-	349	179	V
6	* 12.446	35.28	PK2	38.8	-21.7	52.38	-	-	74	-21.62	330	311	V
	* 12.446	23.88	MAv1	38.8	-21.7	40.98	54	-13.02	-	-	330	311	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 RESULTS



RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.459	42.06	PK2	28.3	-21.7	48.66	-	-	74	-25.34	172	206	H
	* 1.459	29.9	MAv1	28.3	-21.7	36.5	54	-17.5	-	-	172	206	H
2	* 1.335	42.56	PK2	29.7	-21.8	50.46	-	-	74	-23.54	231	400	V
	* 1.335	29.99	MAv1	29.7	-21.8	37.89	54	-16.11	-	-	231	400	V
3	* 4.745	39.46	PK2	34.1	-27.8	45.76	-	-	74	-28.24	46	274	H
	* 4.744	27.79	MAv1	34.1	-27.8	34.09	54	-19.91	-	-	46	274	H
4	* 11.532	35.73	PK2	38.5	-20.4	53.83	-	-	74	-20.17	85	286	H
	* 11.534	23.69	MAv1	38.5	-20.4	41.79	54	-12.21	-	-	85	286	H
5	* 4.867	38.84	PK2	34.2	-27.4	45.64	-	-	74	-28.36	236	168	V
	* 4.867	26.21	MAv1	34.2	-27.4	33.01	54	-20.99	-	-	236	168	V
6	* 11.543	35.09	PK2	38.5	-20.5	53.09	-	-	74	-20.91	96	394	V
	* 11.544	23.61	MAv1	38.5	-20.5	41.61	54	-12.39	-	-	96	394	V

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

PK2 - KDB558074 Method: Maximum Peak

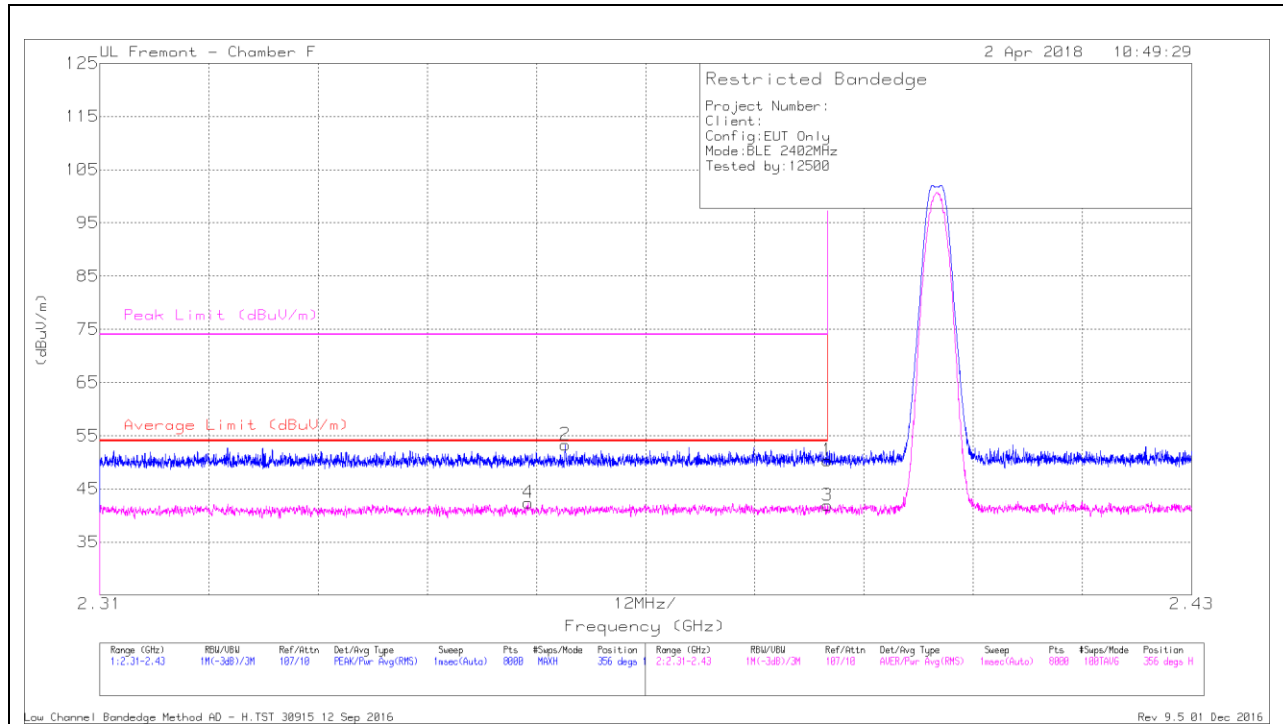
MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.4. LOW POWER BLE (2Mbps)

Antenna 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



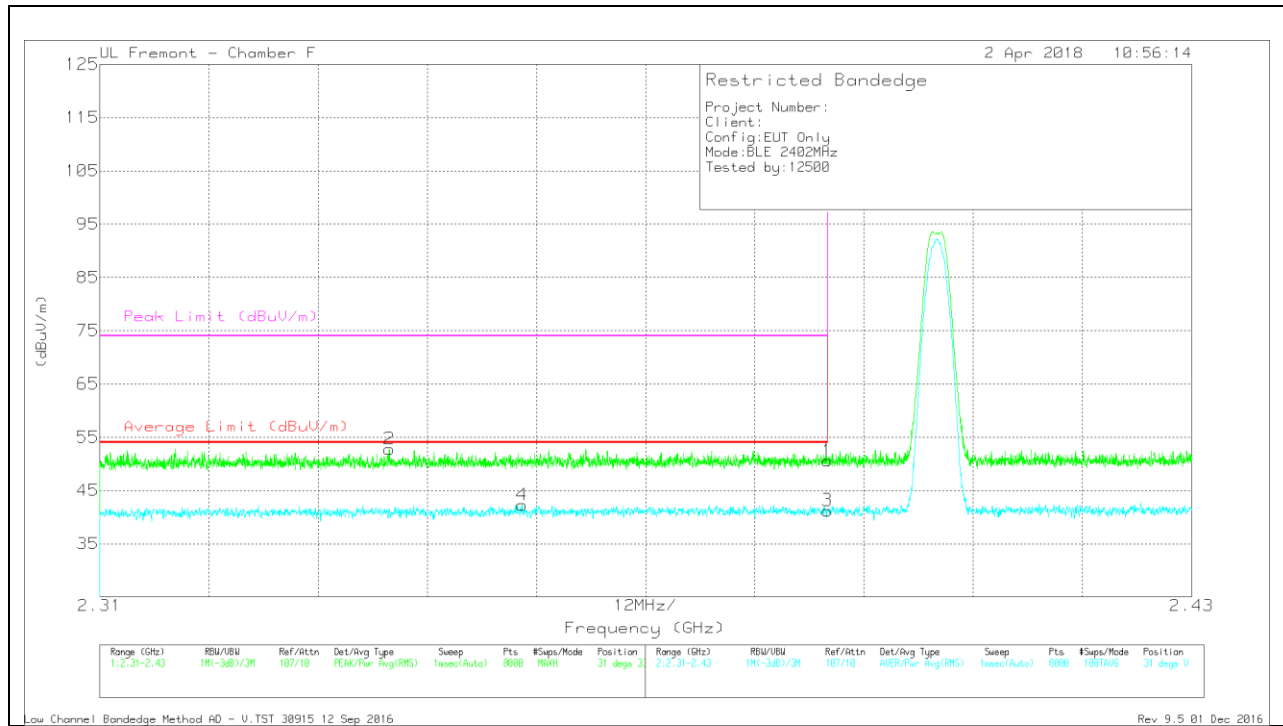
Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.05	Pk	31.9	-20.6	50.35	-	-	74	-23.65	356	126	H
2	* 2.361	42.19	Pk	31.8	-20.7	53.29	-	-	74	-20.71	356	126	H
3	* 2.39	30.6	RMS	31.9	-20.6	41.9	54	-12.1	-	-	356	126	H
4	* 2.357	31.31	RMS	31.8	-20.7	42.41	54	-11.59	-	-	356	126	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/CbI/Filt/Pad (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	39.29	Pk	31.9	-20.6	50.59	-	-	74	-23.41	31	335	V
2	* 2.342	41.77	Pk	31.7	-20.7	52.77	-	-	74	-21.23	31	335	V
3	* 2.39	29.9	RMS	31.9	-20.6	41.2	54	-12.8	-	-	31	335	V
4	* 2.356	31.17	RMS	31.8	-20.7	42.27	54	-11.73	-	-	31	335	V

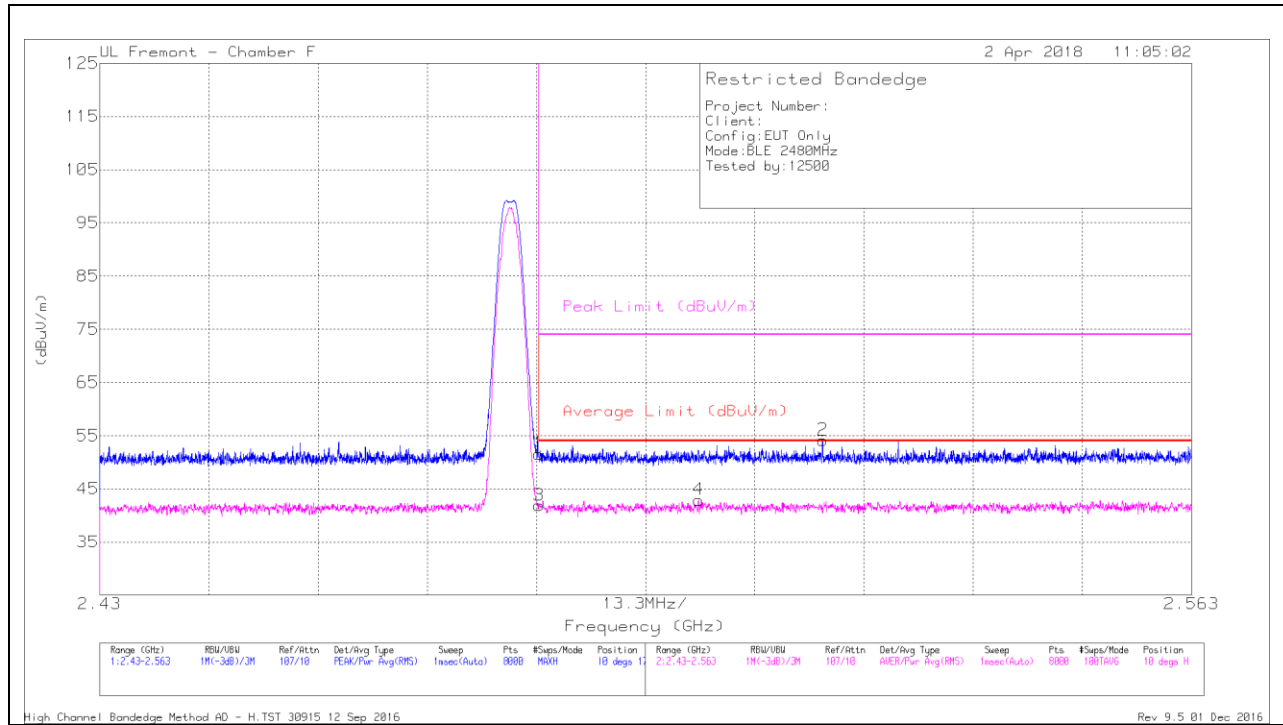
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



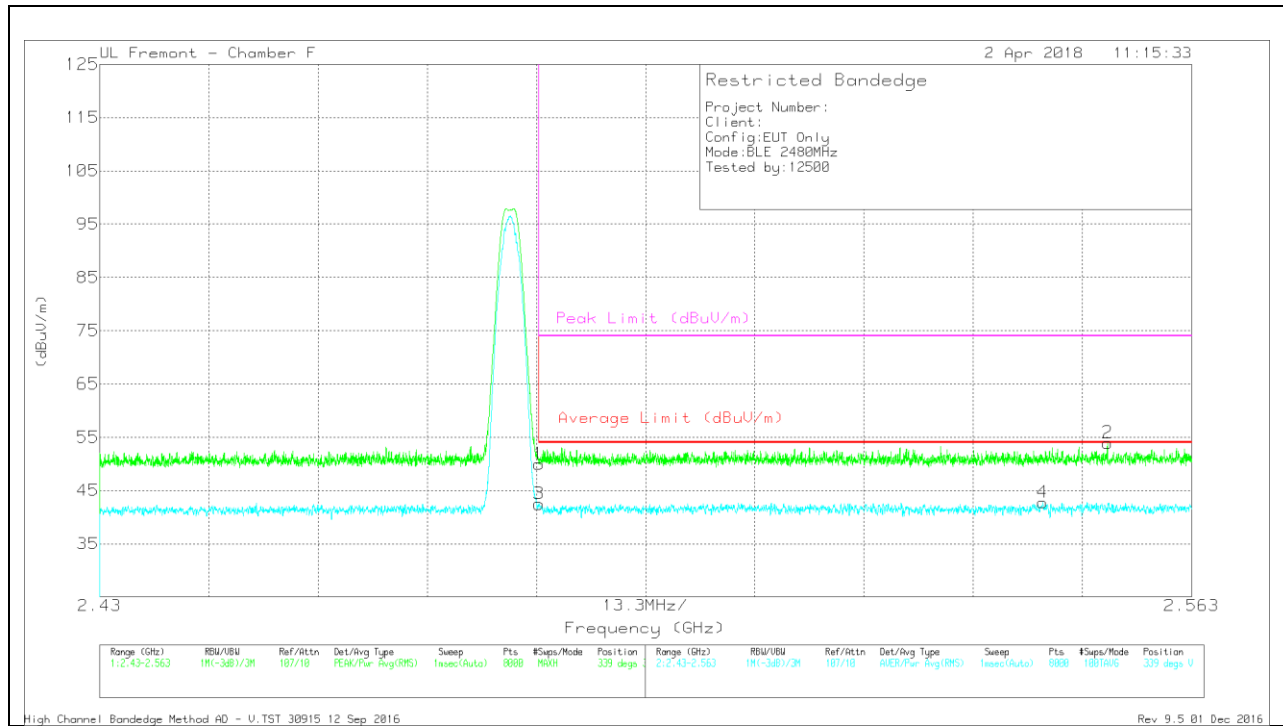
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.19	Pk	32.1	-20.7	51.59	-	-	74	-22.41	10	172	H
2	2.518	42.54	PK	32.2	-20.6	54.14	-	-	74	-19.86	10	172	H
3	* 2.484	30.5	RMS	32.1	-20.7	41.9	54	-12.1	-	-	10	172	H
4	2.503	31.43	RMS	32.2	-20.7	42.93	54	-11.07	-	-	10	172	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/CbI/FiltriP ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	38.56	Pk	32.1	-20.7	49.96	-	-	74	-24.04	339	326	V
2	2.553	42.3	Pk	32.2	-20.6	53.9	-	-	74	-20.1	339	326	V
3	* 2.484	31.07	RMS	32.1	-20.7	42.47	54	-11.53	-	-	339	326	V
4	2.545	31.24	RMS	32.2	-20.7	42.74	54	-11.26	-	-	339	326	V

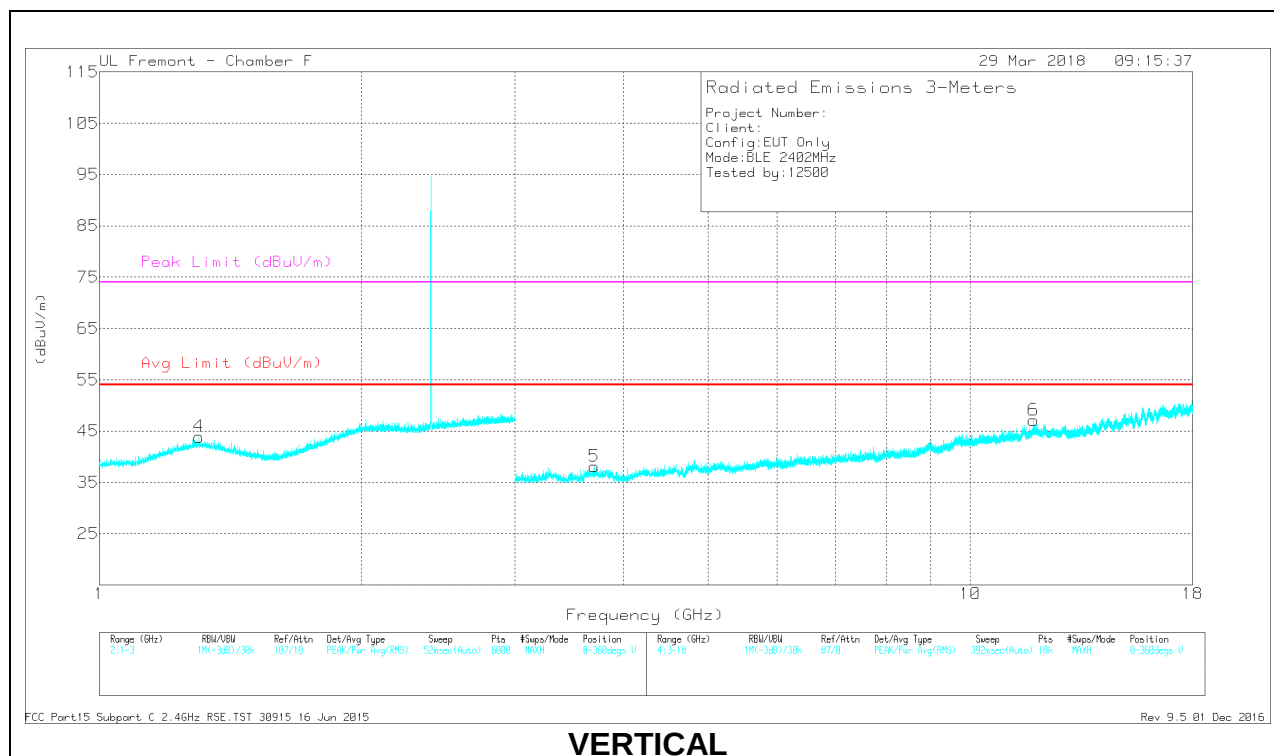
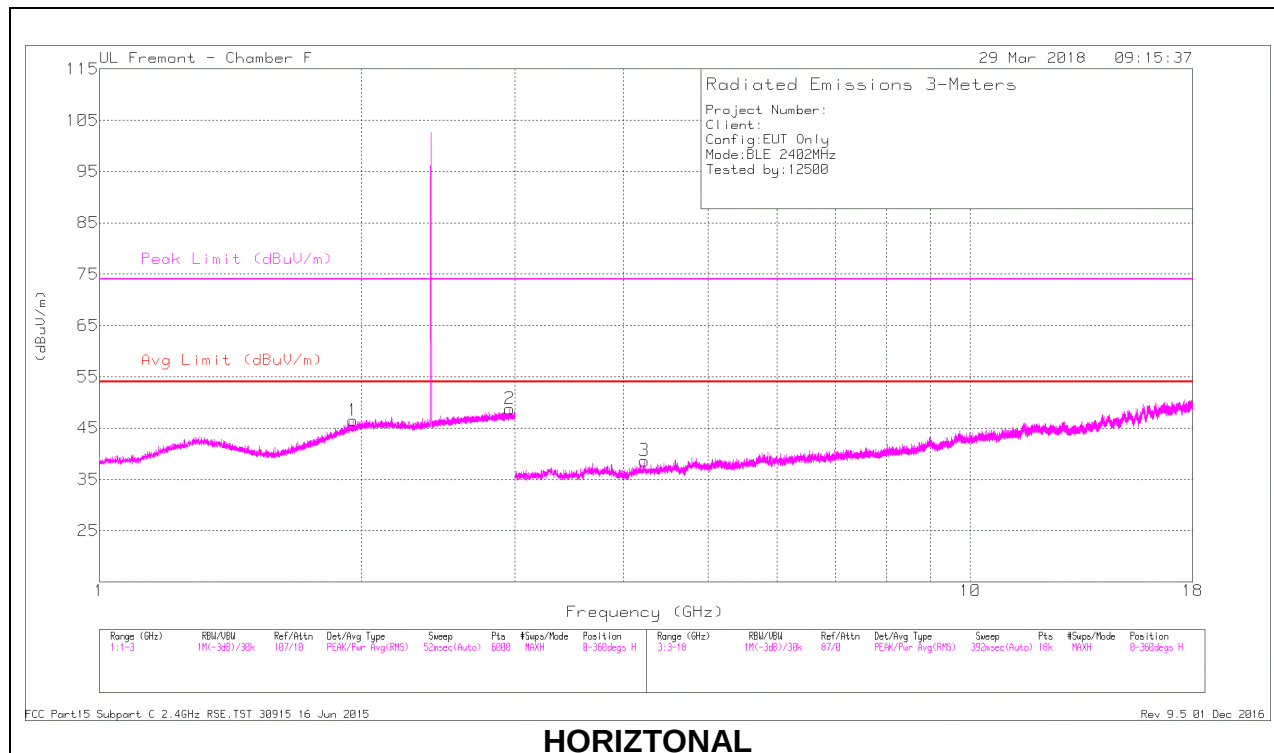
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

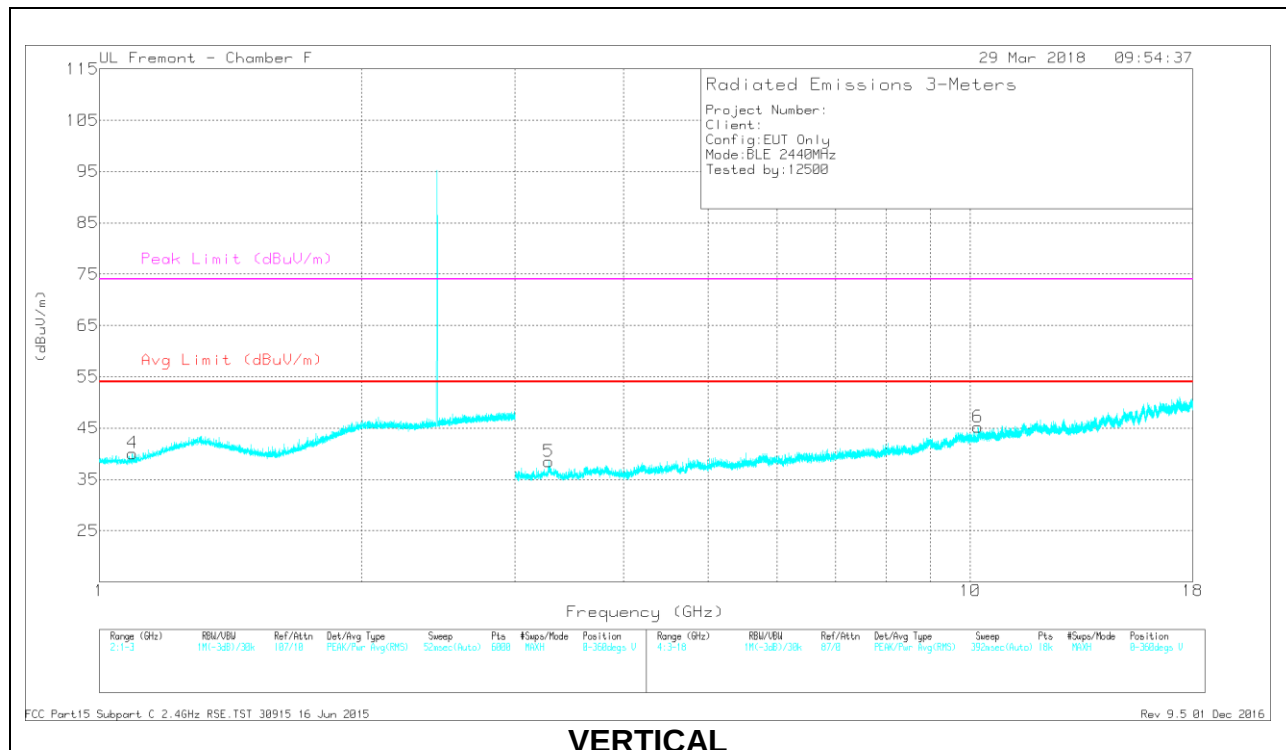
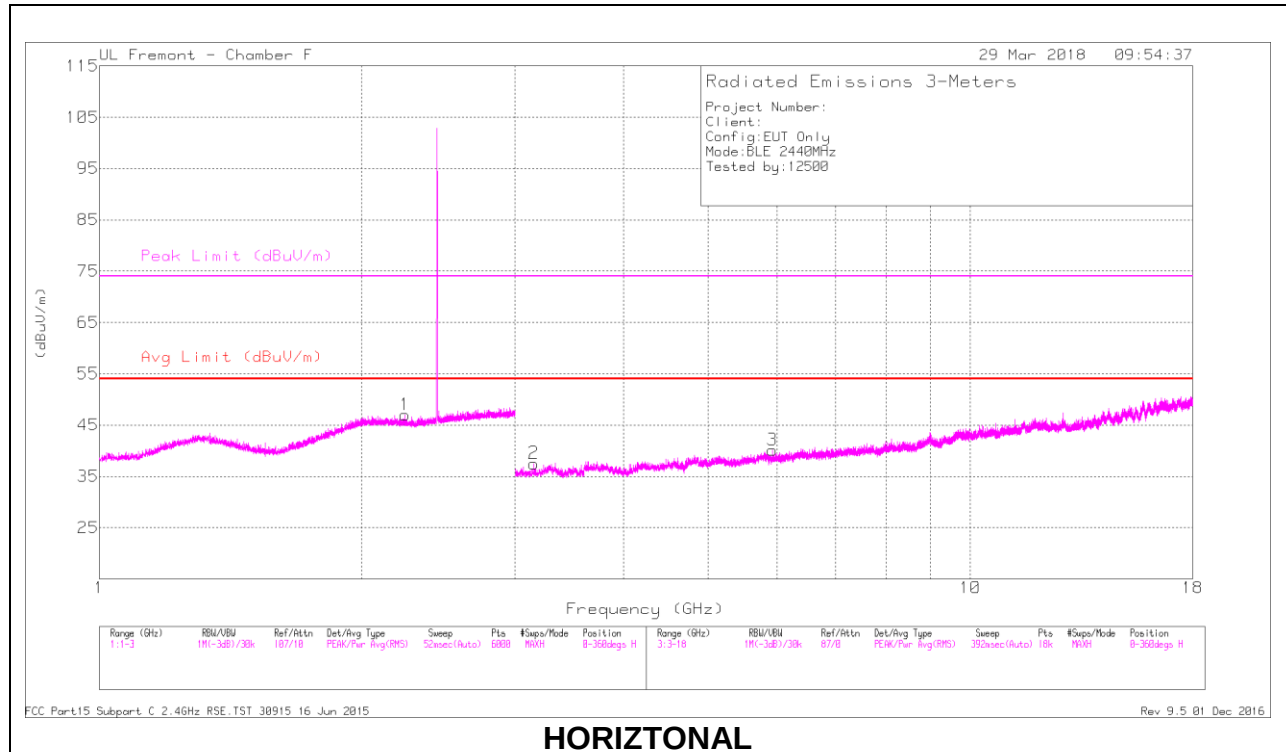
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.954	41.87	PK2	31.8	-21.1	52.57	-	-	-	-	148	114	H
2	2.961	41.94	PK2	32.8	-20.2	54.54	-	-	-	-	210	146	H
4	* 1.301	42.34	PK2	30.1	-21.9	50.54	-	-	74	-23.46	103	181	V
	* 1.301	30.02	MAv1	30.1	-21.9	38.22	54	-15.78	-	-	103	181	V
3	* 4.222	38.62	PK2	33.6	-27.7	44.52	-	-	74	-29.48	141	100	H
	* 4.223	27.22	MAv1	33.6	-27.7	33.12	54	-20.88	-	-	141	100	H
5	* 3.7	40	PK2	33.3	-29	44.3	-	-	74	-29.7	197	367	V
	* 3.7	27.49	MAv1	33.3	-29	31.79	54	-22.21	-	-	197	367	V
6	* 11.817	35.57	PK2	39	-21.8	52.77	-	-	74	-21.23	342	273	V
	* 11.819	23.63	MAv1	39	-21.7	40.93	54	-13.07	-	-	342	273	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 RESULTS



RADIATED EMISSIONS

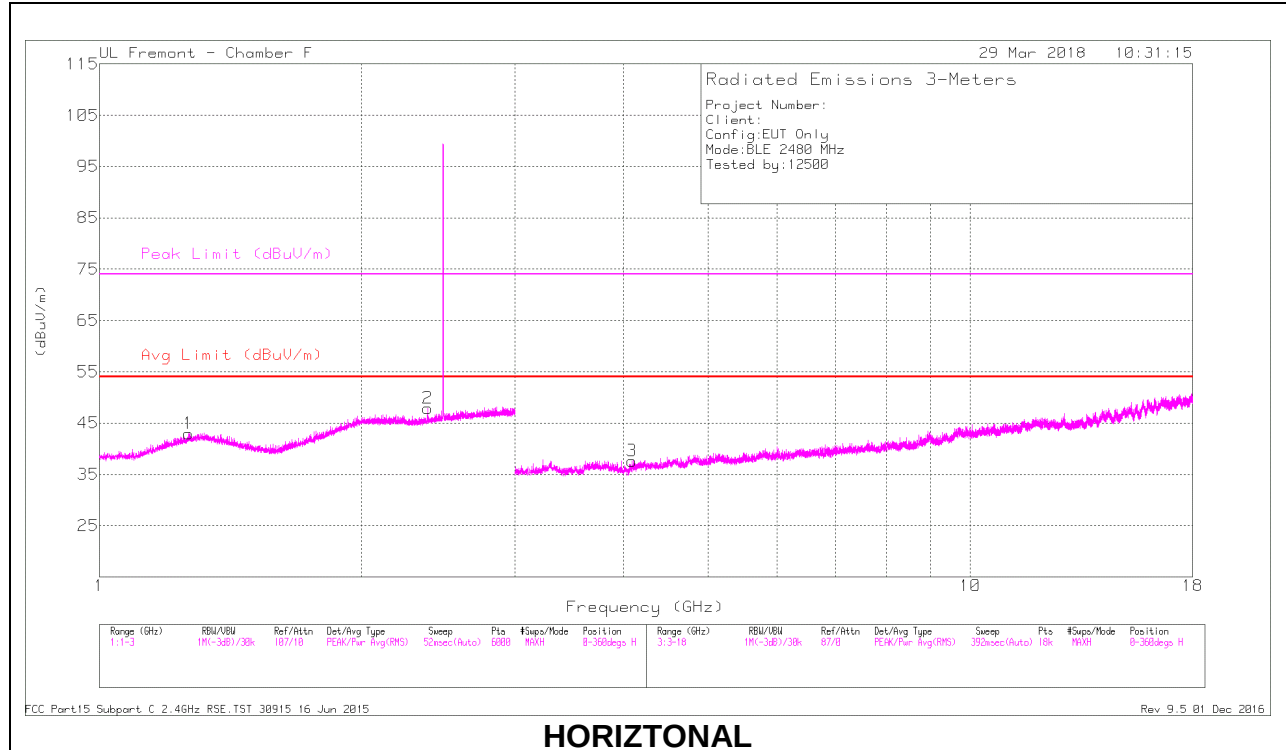
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.243	41.84	PK2	31.8	-20.6	53.04	-	-	74	-20.96	15	123	H
	* 2.242	29.91	MAv1	31.8	-20.6	41.11	54	-12.89	-	-	15	123	H
4	* 1.092	42.39	PK2	26.8	-22.5	46.69	-	-	74	-27.31	87	254	V
	* 1.091	30.27	MAv1	26.8	-22.5	34.57	54	-19.43	-	-	87	254	V
2	3.153	40.03	PK2	32.9	-29	43.93	-	-	-	-	77	356	H
3	5.927	38.89	PK2	35.2	-27.6	46.49	-	-	-	-	309	325	H
5	3.282	39.83	PK2	33.6	-28.4	45.03	-	-	-	-	162	211	V
6	10.203	34.72	PK2	37.4	-21.5	50.62	-	-	-	-	281	367	V

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

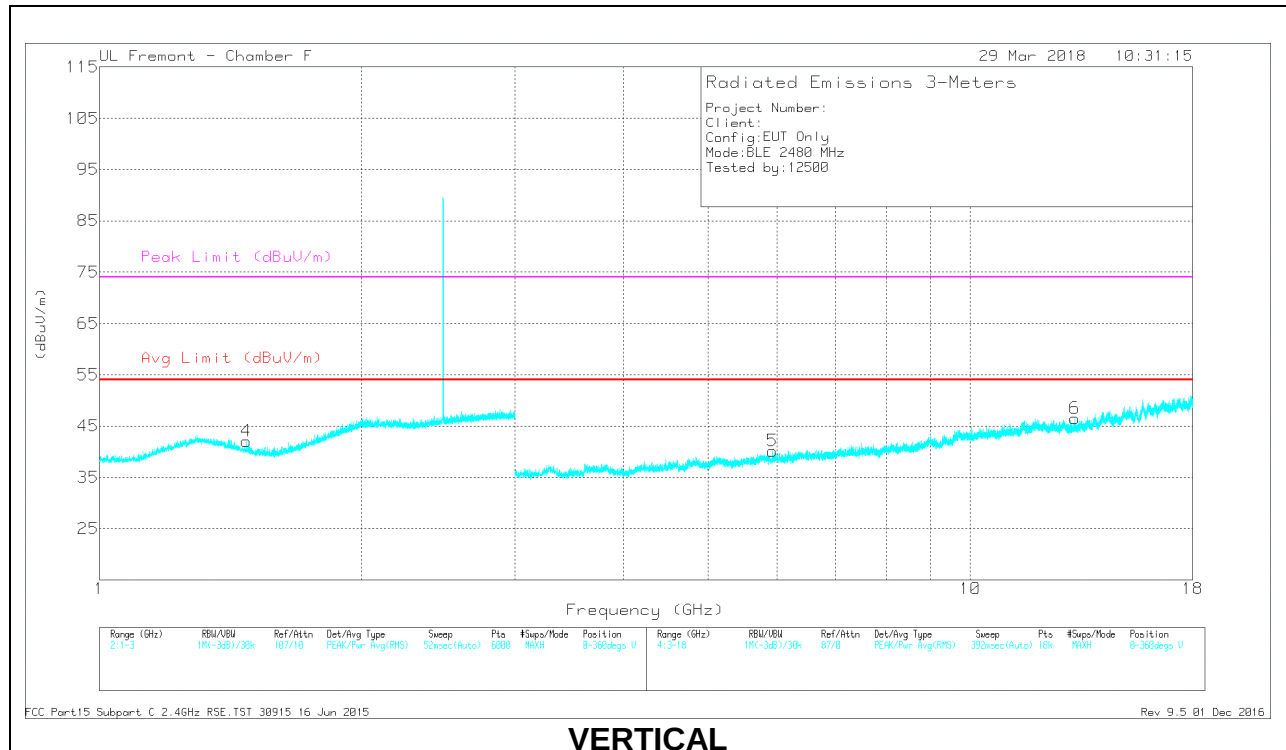
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.262	42.12	PK2	29.6	-22	49.72	-	-	74	-24.28	167	390	H
	* 1.264	30.1	MAv1	29.7	-22	37.8	54	-16.2	-	-	167	390	H
2	* 2.383	42	PK2	31.8	-20.6	53.2	-	-	74	-20.8	179	384	H
	* 2.383	29.96	MAv1	31.8	-20.6	41.16	54	-12.84	-	-	179	384	H
4	* 1.474	41.71	PK2	28.1	-21.7	48.11	-	-	74	-25.89	330	153	V
	* 1.472	29.92	MAv1	28.1	-21.7	36.32	54	-17.68	-	-	330	153	V
3	* 4.087	38.84	PK2	33.4	-28.6	43.64	-	-	74	-30.36	79	207	H
	* 4.09	26.89	MAv1	33.4	-28.6	31.69	54	-22.31	-	-	79	207	H
5	5.925	39.19	PK2	35.2	-27.6	46.79	-	-	-	-	132	153	V
6	13.175	36.54	PK2	38.9	-23	52.44	-	-	-	-	320	358	V

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

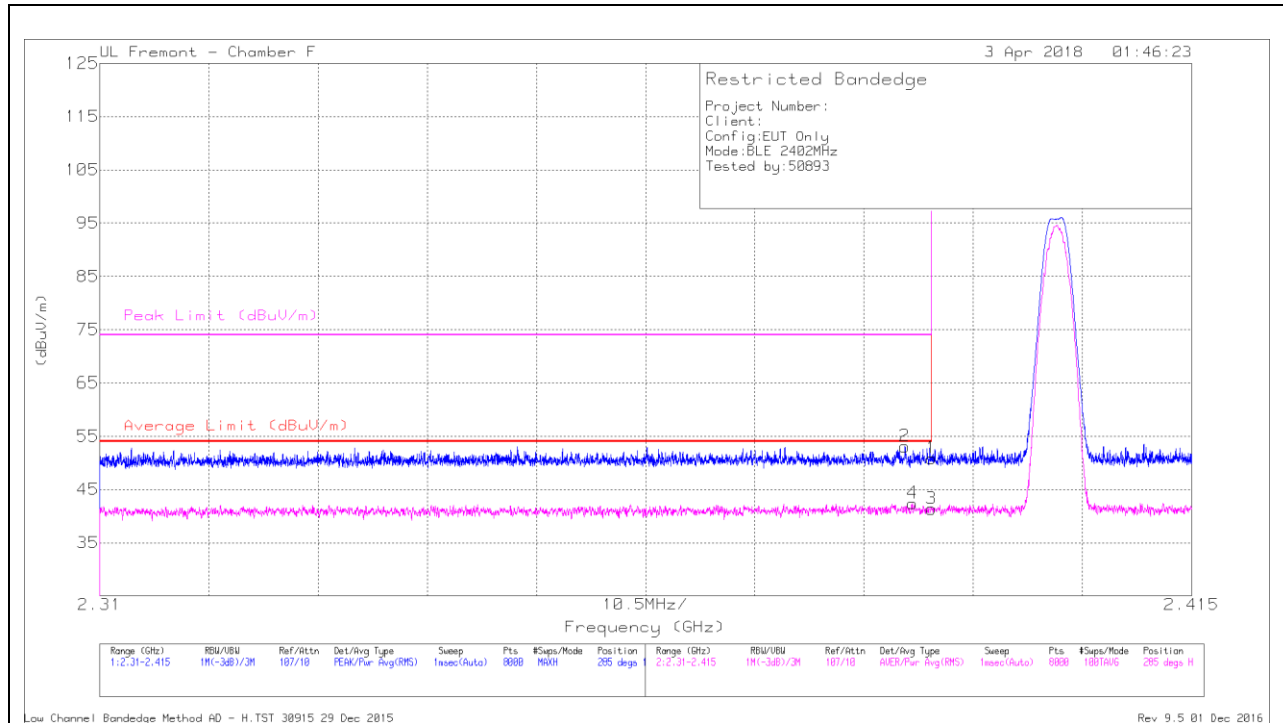
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

Antenna 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



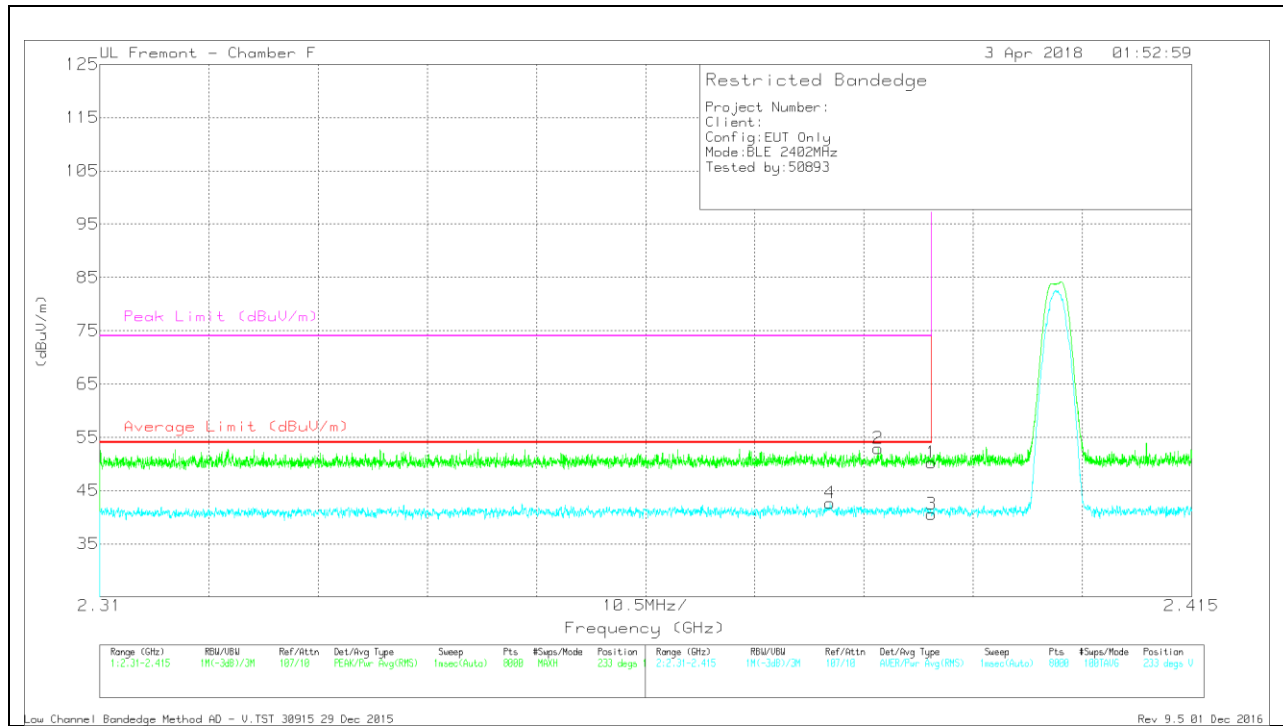
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.58	Pk	31.9	-20.6	50.88	-	-	74	-23.12	285	151	H
2	* 2.387	41.79	Pk	31.9	-20.6	53.09	-	-	74	-20.91	285	151	H
3	* 2.39	30.07	RMS	31.9	-20.6	41.37	54	-12.63	-	-	285	151	H
4	* 2.388	31.1	RMS	31.9	-20.6	42.4	54	-11.6	-	-	285	151	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/CbI/Filt/P ad (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	38.88	Pk	31.9	-20.6	50.18	-	-	74	-23.82	233	154	V
2	* 2.385	41.67	Pk	31.8	-20.6	52.87	-	-	74	-21.13	233	154	V
3	* 2.39	29.25	RMS	31.9	-20.6	40.55	54	-13.45	-	-	233	154	V
4	* 2.38	31.4	RMS	31.8	-20.6	42.6	54	-11.4	-	-	233	154	V

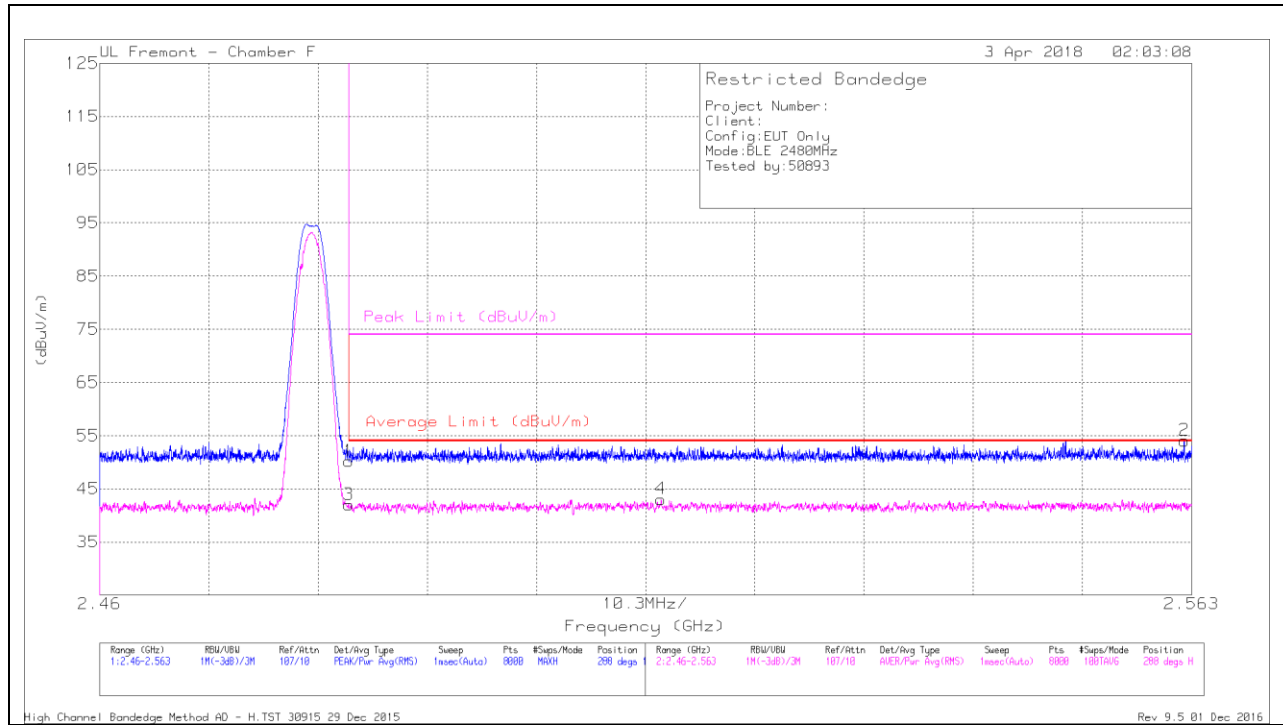
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



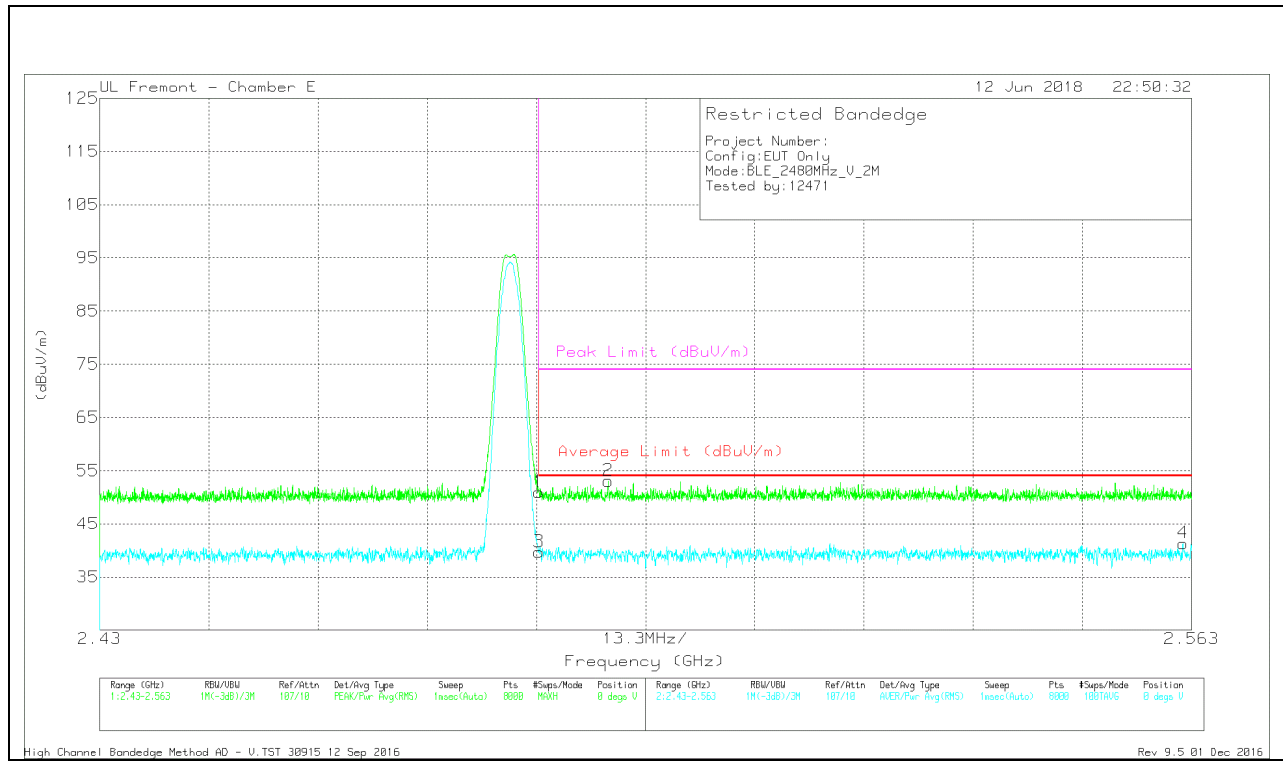
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/CbI/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	38.8	Pk	32.1	-20.7	50.2	-	-	74	-23.8	288	141	H
2	2.562	42.47	PK	32.2	-20.6	54.07	-	-	74	-19.93	288	141	H
3	* 2.484	30.61	RMS	32.1	-20.7	42.01	54	-11.99	-	-	288	141	H
4	2.513	31.56	RMS	32.2	-20.7	43.06	54	-10.94	-	-	288	141	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dBm)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.16	Pk	32.1	-22.3	50.96	-	-	74	-23.04	0	366	V
2	* 2.492	43.38	Pk	32.1	-22.4	53.08	-	-	74	-20.92	0	366	V
3	* 2.484	29.93	RMS	32.1	-22.3	39.73	54	-14.27	-	-	0	366	V
4	2.562	31.54	RMS	32.1	-22.3	41.34	54	-12.66	-	-	0	366	V

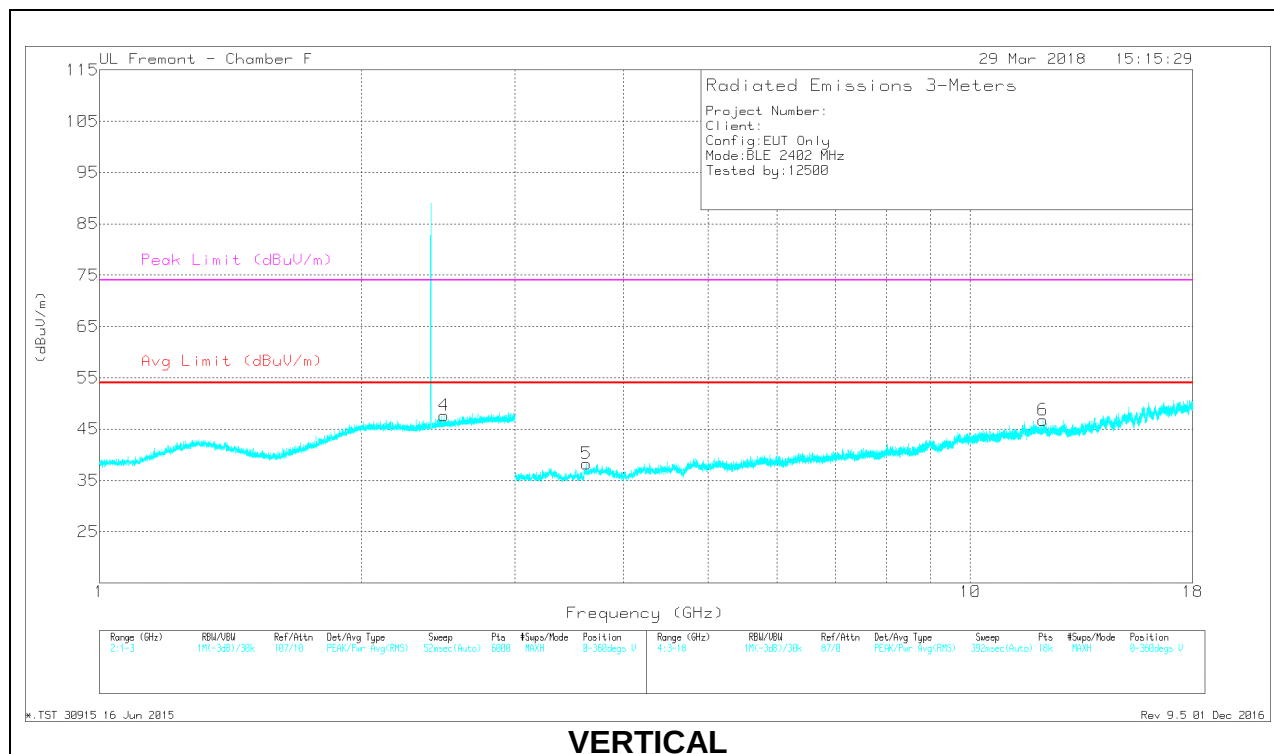
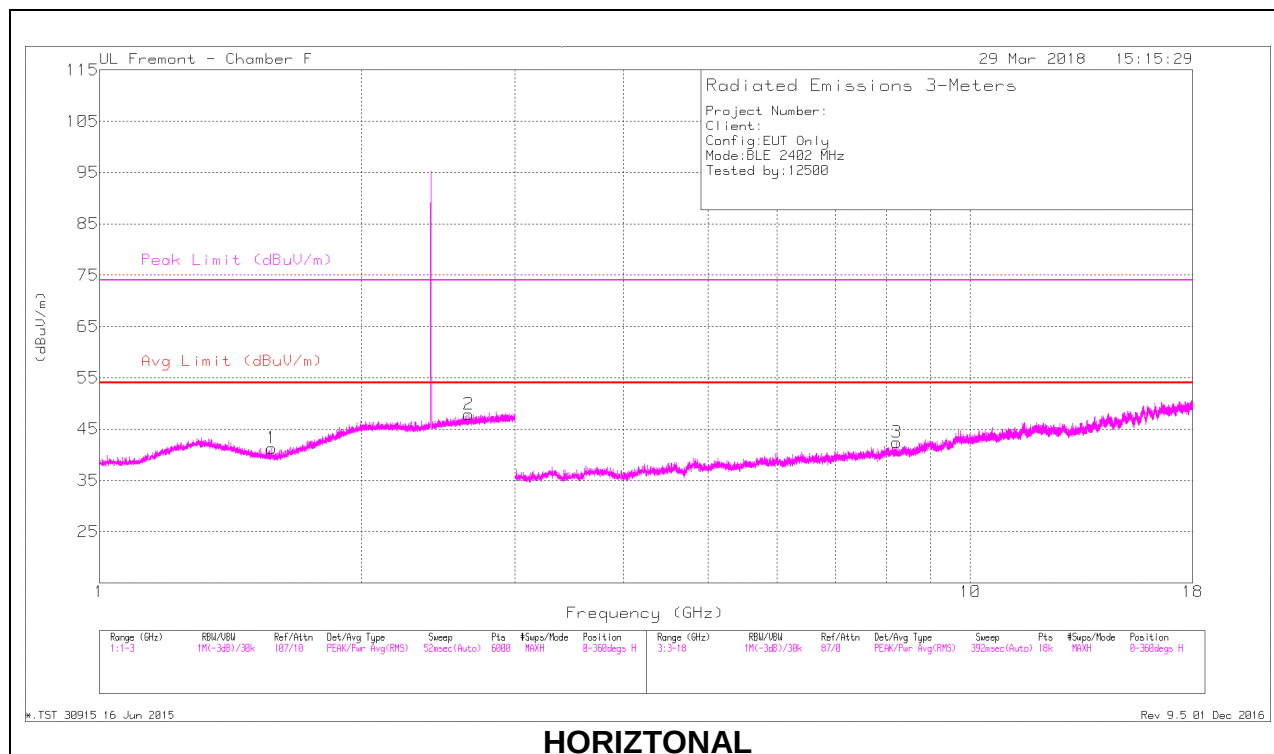
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

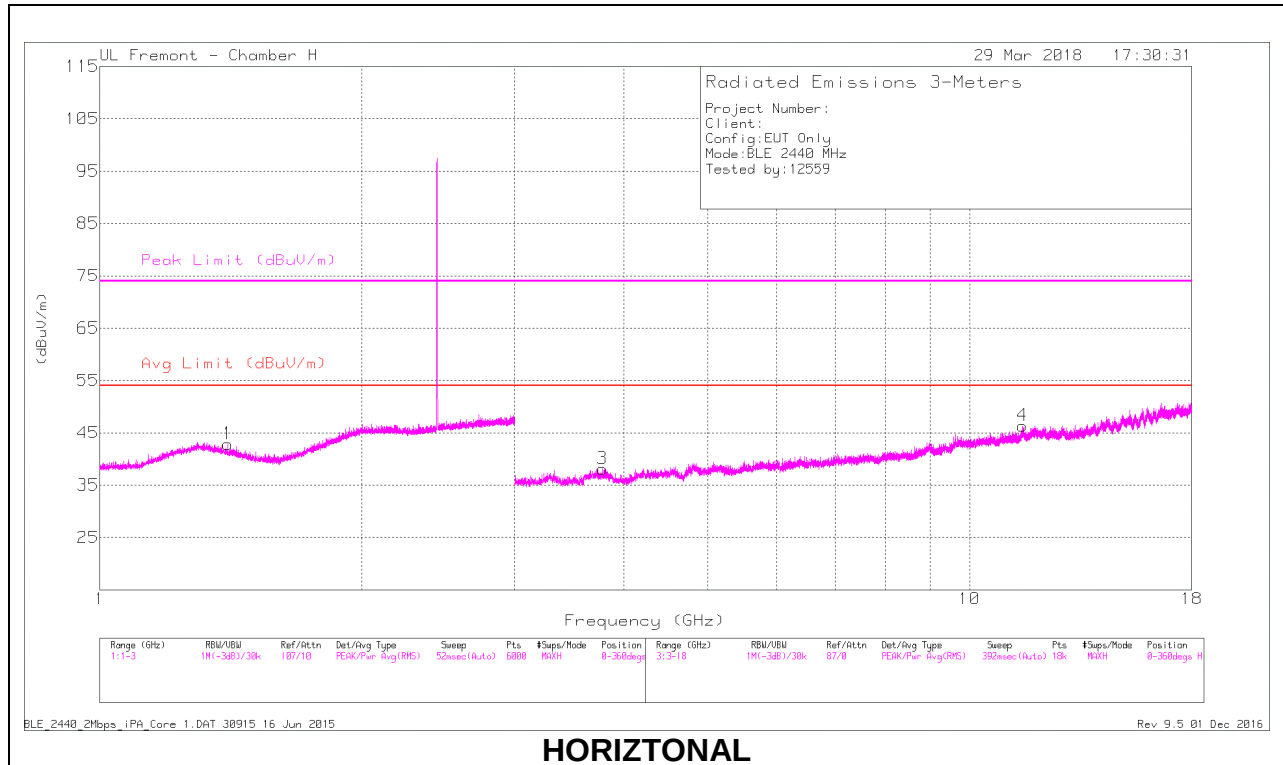
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.574	41.48	PK2	27.4	-21.7	47.18	-	-	74	-26.82	213	376	H
	* 1.577	29.98	MAv1	27.3	-21.7	35.58	54	-18.42	-	-	213	376	H
2	* 2.657	42.03	PK2	32.4	-20.4	54.03	-	-	74	-19.97	303	201	H
	* 2.656	30.47	MAv1	32.4	-20.4	42.47	54	-11.53	-	-	303	201	H
4	* 2.488	42.82	PK2	32.2	-20.7	54.32	-	-	74	-19.68	45	209	V
	* 2.489	30.17	MAv1	32.2	-20.7	41.67	54	-12.33	-	-	45	209	V
3	* 8.227	36.76	PK2	36.1	-24.3	48.56	-	-	74	-25.44	20	283	H
	* 8.228	24.63	MAv1	36.1	-24.3	36.43	54	-17.57	-	-	20	283	H
5	* 3.624	39.23	PK2	33.2	-28.9	43.53	-	-	74	-30.47	20	364	V
	* 3.624	27.46	MAv1	33.2	-28.9	31.76	54	-22.24	-	-	20	364	V
6	* 12.122	35.01	PK2	38.7	-21.3	52.41	-	-	74	-21.59	57	217	V
	* 12.119	23.81	MAv1	38.7	-21.4	41.11	54	-12.89	-	-	57	217	V

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

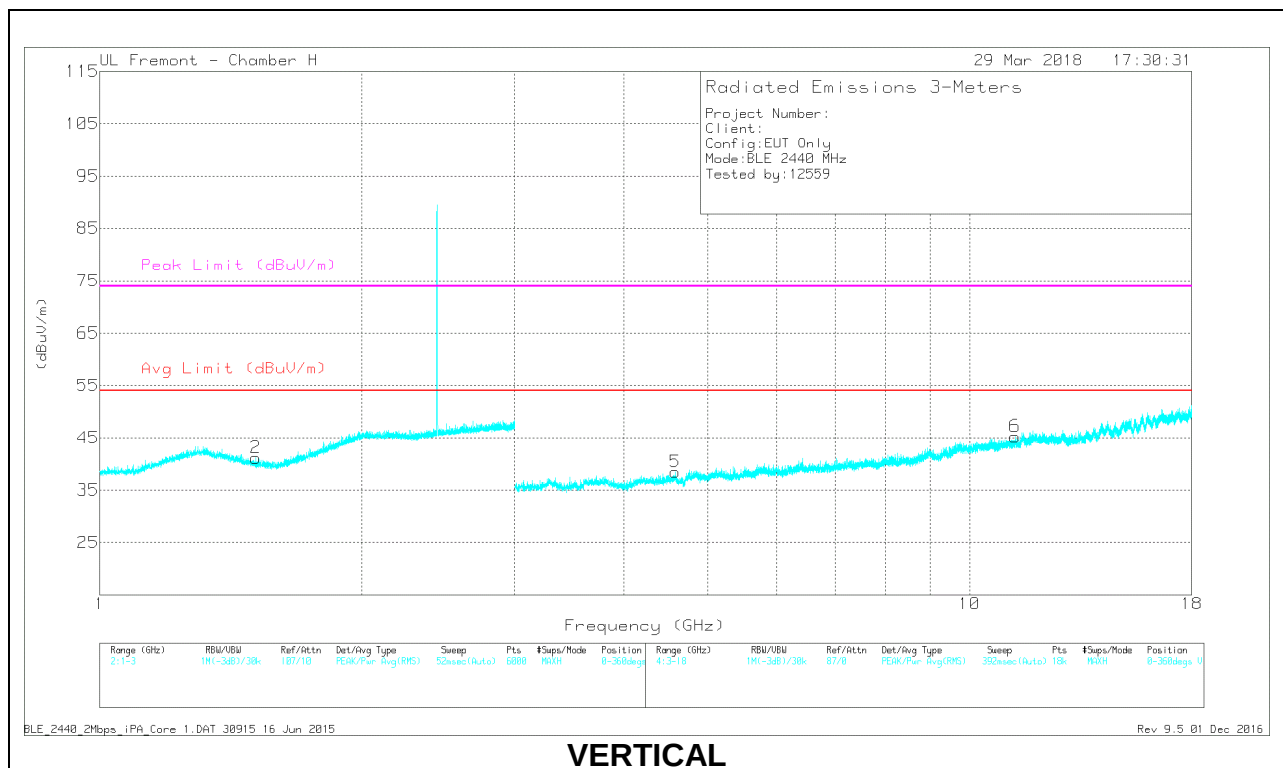
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

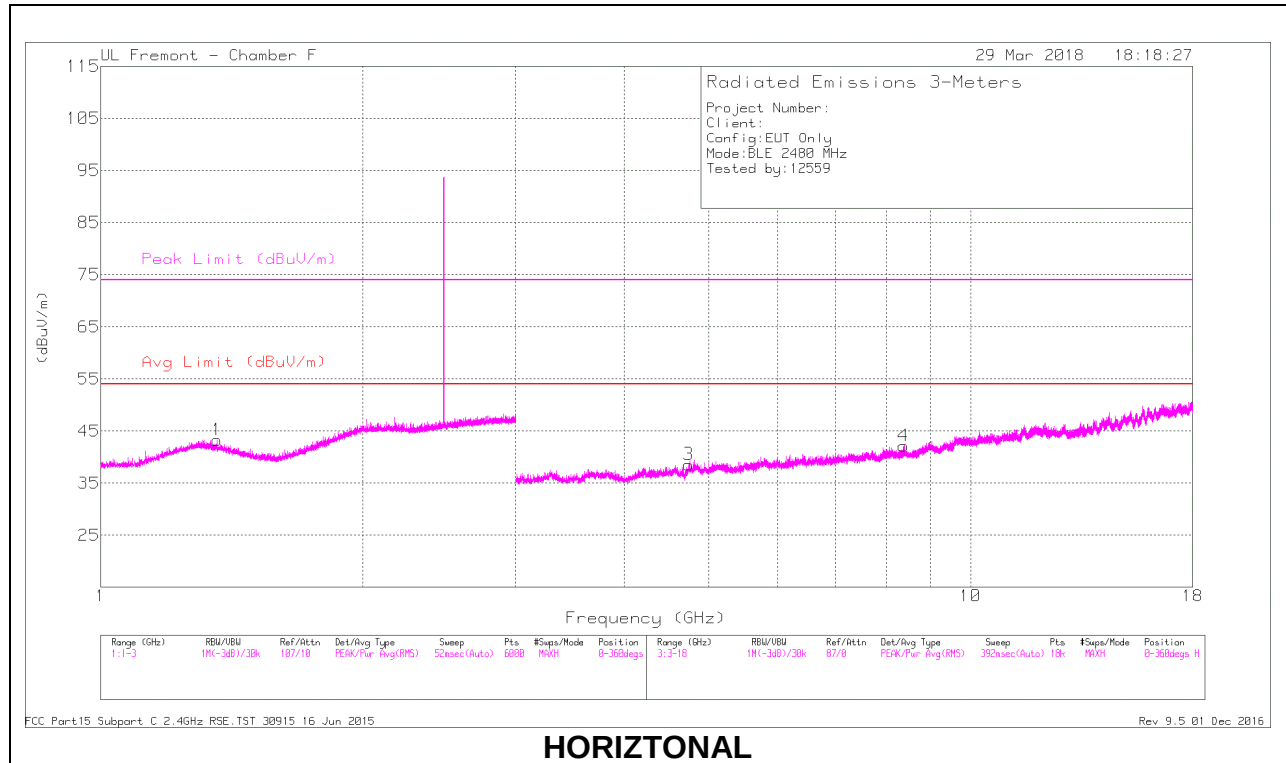
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
1	* 1.404	42.28	PK2	29	-21.8	49.48	-	-	74	-24.52	258	357	H
	* 1.403	29.92	MAV1	29	-21.8	37.12	54	16.88	-	-	258	357	H
2	* 1.513	42.03	PK2	27.7	-21.7	48.03	-	-	74	-25.97	209	313	V
	* 1.513	29.95	MAV1	27.7	-21.7	35.95	54	18.05	-	-	209	313	V
3	* 3.783	39.1	PK2	33.3	-28.5	43.9	-	-	74	-30.1	247	371	H
	* 3.781	27.45	MAV1	33.3	-28.5	32.25	54	21.75	-	-	247	371	H
4	* 11.506	34.66	PK2	38.5	-20.9	52.26	-	-	74	-21.74	145	303	H
	* 11.506	23.26	MAV1	38.5	-20.9	40.86	54	13.14	-	-	145	303	H
5	* 4.587	38.44	PK2	34.1	-27.4	45.14	-	-	74	-28.86	223	166	V
	* 4.587	26.84	MAV1	34.1	-27.4	33.54	54	20.46	-	-	223	166	V
6	* 11.277	34.58	PK2	38.1	-21	51.68	-	-	74	-22.32	282	280	V
	* 11.277	23.16	MAV1	38.1	-21	40.26	54	13.74	-	-	282	280	V

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

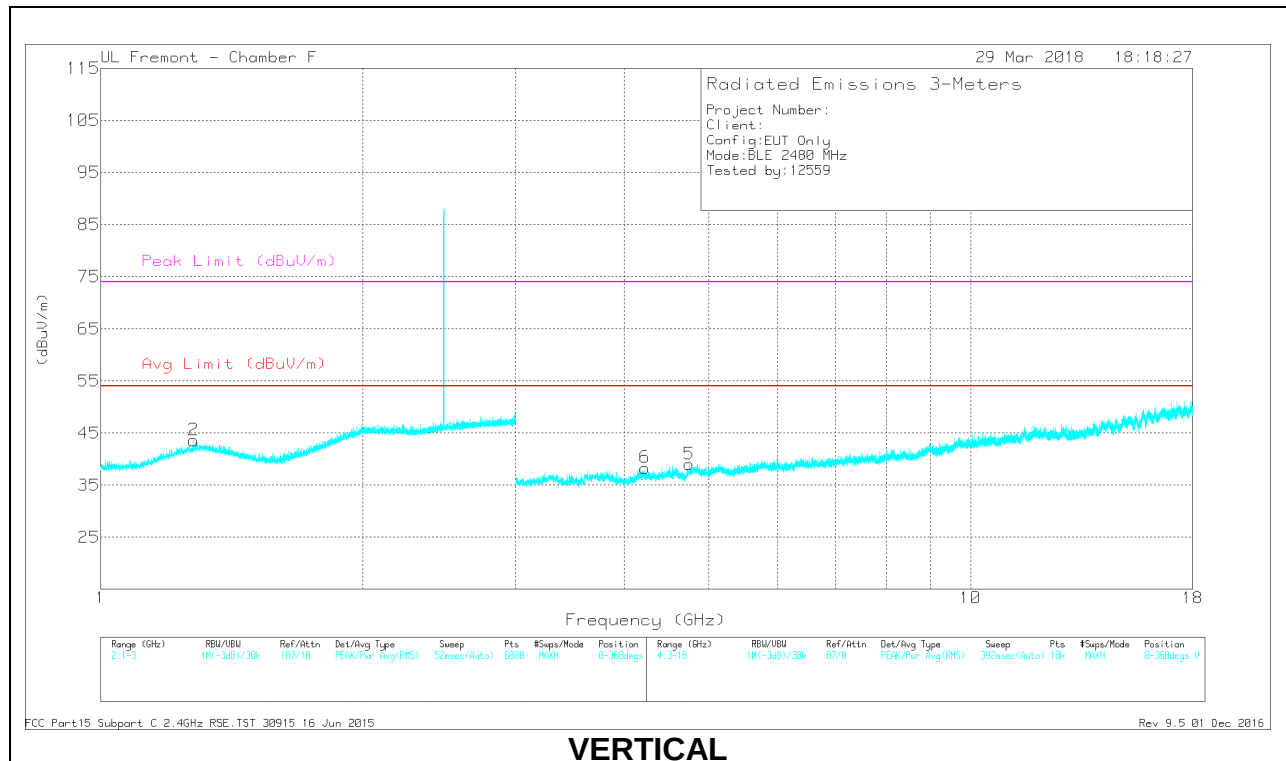
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.361	42.04	PK2	29.5	-21.9	49.64	-	-	74	-24.36	223	147	H
	* 1.362	29.96	MAv1	29.5	-21.8	37.66	54	-16.34	-	-	223	147	H
2	* 1.278	41.88	PK2	29.8	-22	49.68	-	-	74	-24.32	269	304	V
	* 1.278	30.08	MAv1	29.8	-22	37.88	54	-16.12	-	-	269	304	V
3	* 4.743	40.32	PK2	34.1	-27.8	46.62	-	-	74	-27.38	64	127	H
	* 4.741	27.84	MAv1	34.1	-27.8	34.14	54	-19.86	-	-	64	127	H
8	* 8.374	36.36	PK2	36	-23.5	48.86	-	-	74	-25.14	21	126	H
	* 8.376	24.47	MAv1	36	-23.5	36.97	54	-17.03	-	-	21	126	H
5	* 4.752	39.55	PK2	34.1	-27.6	46.05	-	-	74	-27.95	115	284	V
	* 4.75	27.85	MAv1	34.1	-27.6	34.35	54	-19.65	-	-	115	284	V
6	* 4.224	39.22	PK2	33.6	-27.7	45.12	-	-	74	-28.88	17	221	V
	* 4.225	26.77	MAv1	33.6	-27.7	32.67	54	-21.33	-	-	17	221	V

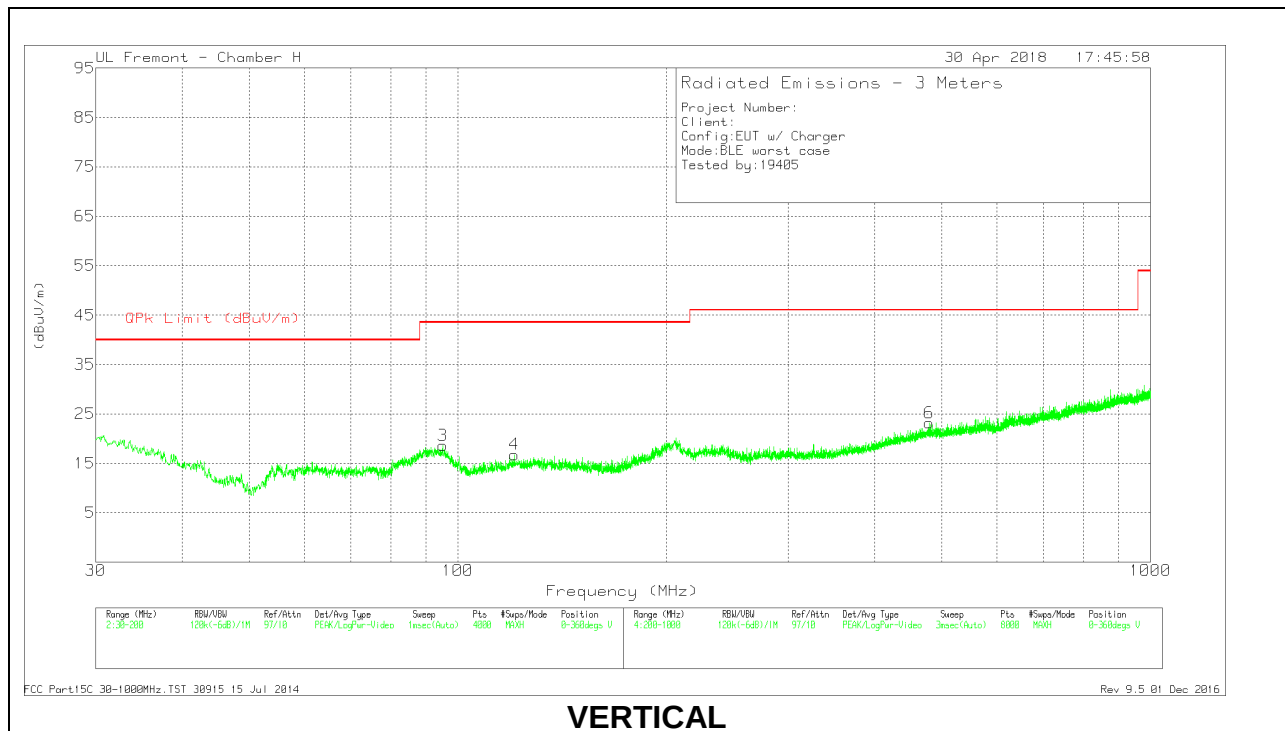
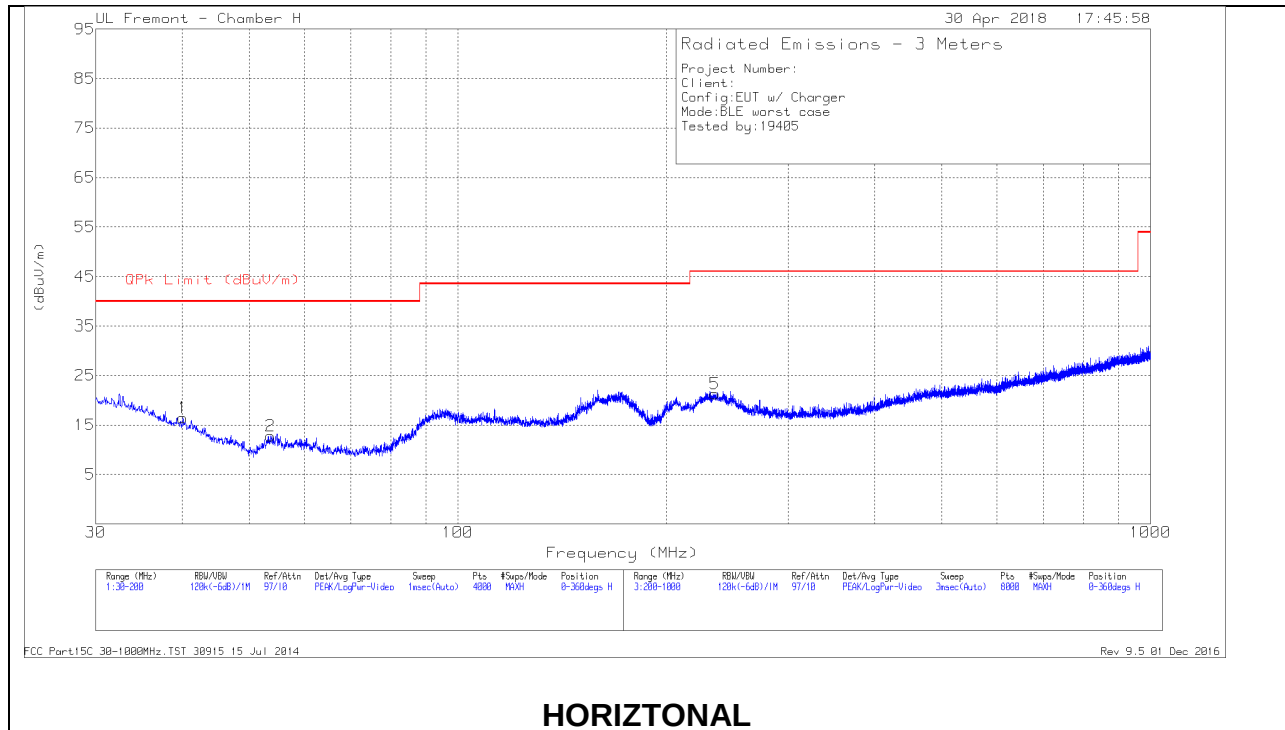
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.3. Worst Case Below 1 GHz

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



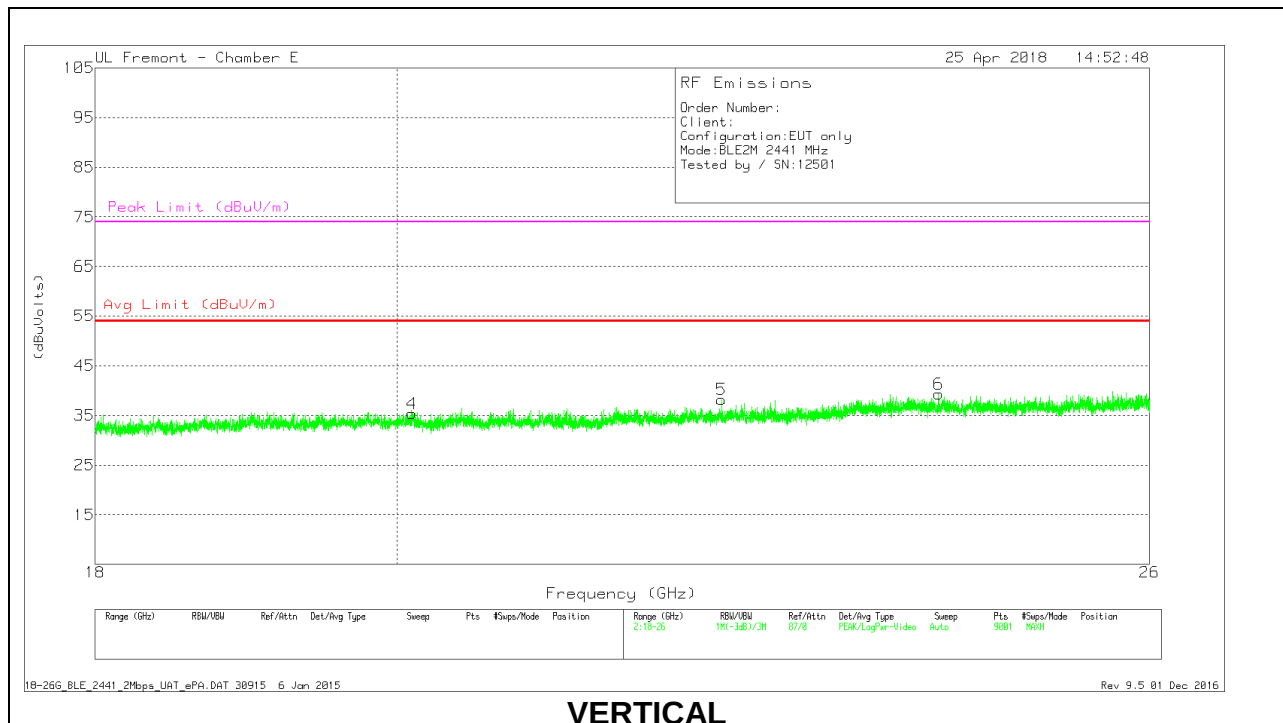
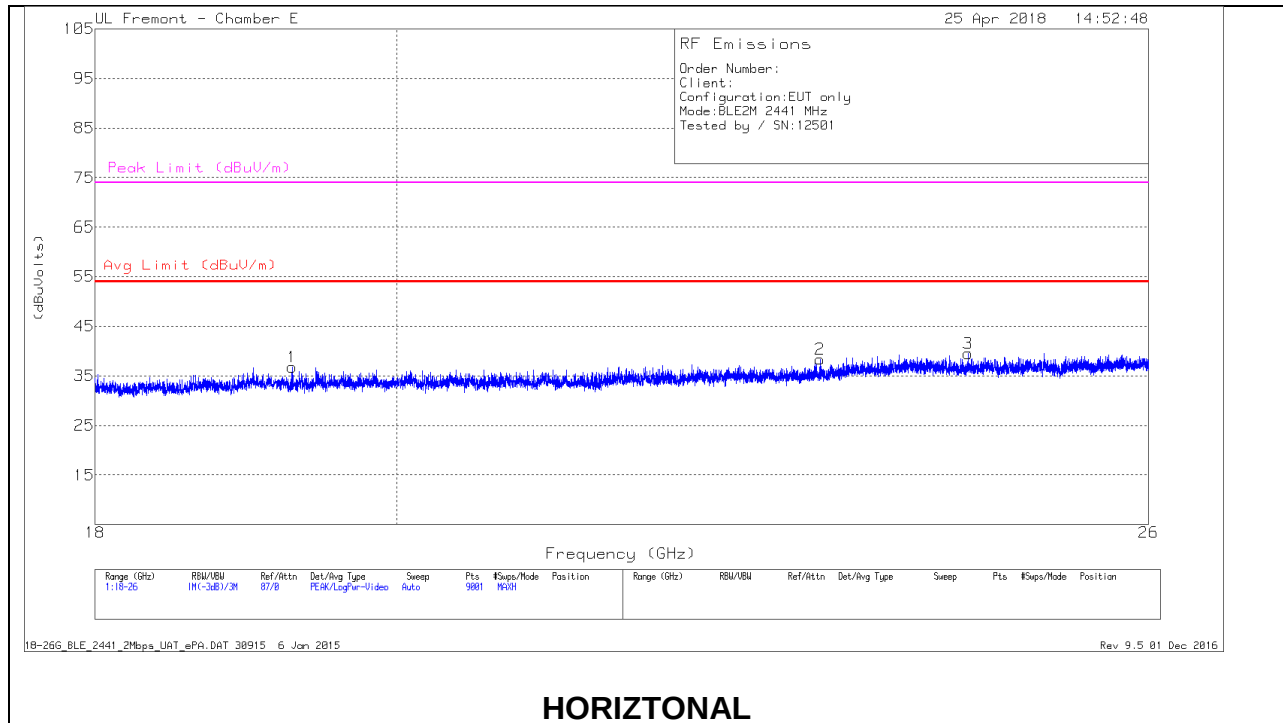
Below 1GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T185 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 120.5909	29.38	Pk	17.7	-30.3	16.78	43.52	-26.74	0-360	100	V
1	40.0751	29.69	Pk	18	-31.2	16.49	40	-23.51	0-360	299	H
2	53.6361	32.08	Pk	11.6	-30.9	12.78	40	-27.22	0-360	399	H
3	95.1269	36.28	Pk	12.8	-30.5	18.58	43.52	-24.94	0-360	100	V
5	234.8045	35.52	Pk	15.3	-29.5	21.32	46.02	-24.7	0-360	101	H
6	478.9363	30.02	Pk	21.6	-28.4	23.22	46.02	-22.8	0-360	199	V

* - indicates frequency in CFR47

9.4. Worst Case 18-26 GHz

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



18 – 26GHz DATA

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	T449 AF (dB/m)	Ampl/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	19.281	38.37	Pk	32.6	-24.7	-9.5	36.77	54	-17.23	74	-37.23
4	20.103	37.17	Pk	32.8	-25.1	-9.5	35.37	54	-18.63	74	-38.63
5	22.395	39.08	Pk	33.5	-24.9	-9.5	38.18	54	-15.82	74	-35.82
2	23.183	39.45	Pk	33.6	-25.2	-9.5	38.35	54	-15.65	74	-35.65
6	24.156	39.33	Pk	33.9	-24.4	-9.5	39.33	54	-14.67	74	-34.67
3	24.412	39.11	Pk	34	-24.1	-9.5	39.51	54	-14.49	74	-34.49

Pk - Peak detector

10. 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.

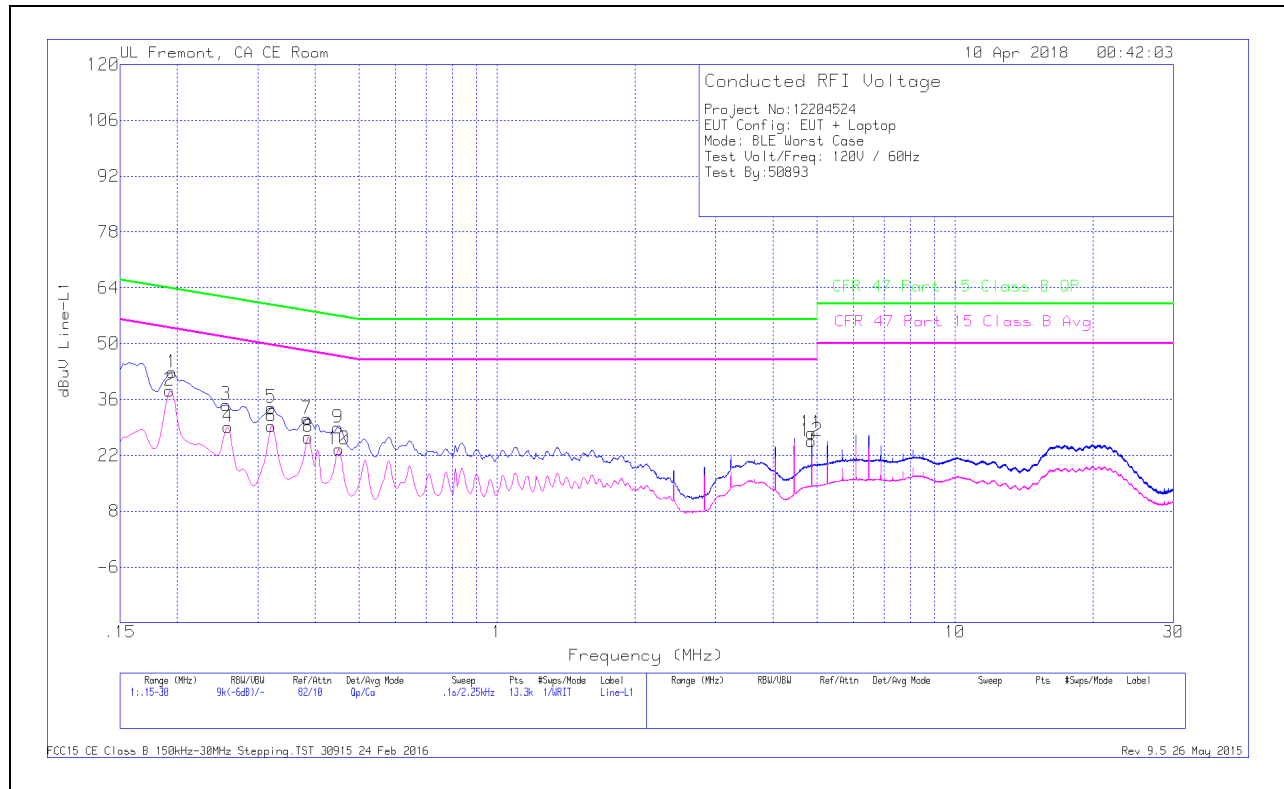
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.1.1. AC Power Line Host

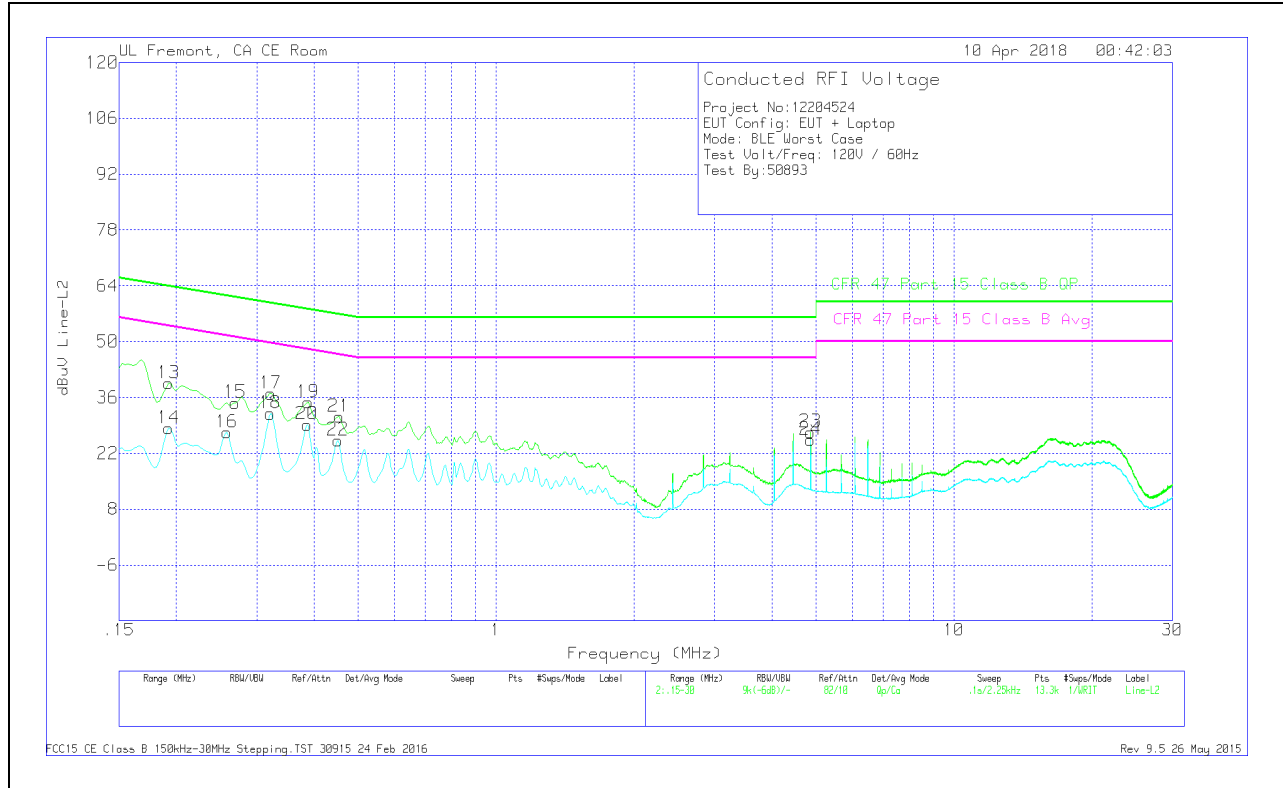
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.195	32.72	Qp	0	0	10.1	42.82	63.82	-21	-	-
2	.19275	28.08	Ca	0	0	10.1	38.18	-	-	53.92	-15.74
3	.25575	24.56	Qp	0	0	10.1	34.66	61.57	-26.91	-	-
4	.258	19	Ca	0	0	10.1	29.1	-	-	51.5	-22.4
5	.321	23.88	Qp	0	0	10.1	33.98	59.68	-25.7	-	-
6	.321	19.18	Ca	0	0	10.1	29.28	-	-	49.68	-20.4
7	.384	21.07	Qp	0	0	10.1	31.17	58.19	-27.02	-	-
8	.38625	16.42	Ca	0	0	10.1	26.52	-	-	48.14	-21.62
9	.44925	18.86	Qp	0	0	10.1	28.96	56.89	-27.93	-	-
10	.4515	13.42	Ca	0	0	10.1	23.52	-	-	46.85	-23.33
11	4.8615	17.37	Qp	0	.1	10.1	27.57	56	-28.43	-	-
12	4.8615	15.38	Ca	0	.1	10.1	25.58	-	-	46	-20.42

LINE 2 RESULTS

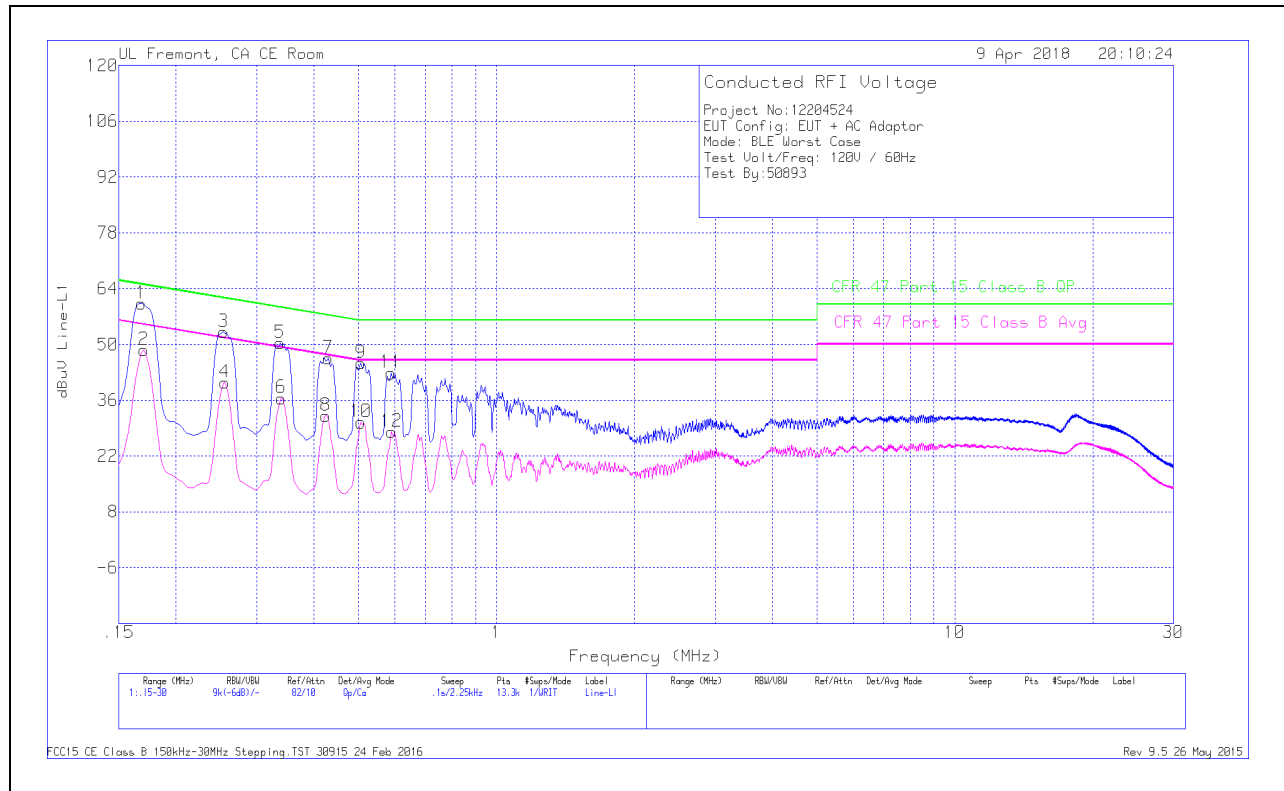


Range 2: Line-L2 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBμV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBμV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
13	.19275	29.47	Qp	0	0	10.1	39.57	63.92	-24.35	-	-
14	.19275	18.19	Ca	0	0	10.1	28.29	-	-	53.92	-25.63
15	.26925	24.55	Qp	0	0	10.1	34.65	61.14	-26.49	-	-
16	.258	17.12	Ca	0	0	10.1	27.22	-	-	51.5	-24.28
17	.32212	26.85	Qp	0	0	10.1	36.95	59.65	-22.7	-	-
18	.321	21.87	Ca	0	0	10.1	31.97	-	-	49.68	-17.71
19	.3885	24.65	Qp	0	0	10.1	34.75	58.1	-23.35	-	-
20	.38625	19.13	Ca	0	0	10.1	29.23	-	-	48.14	-18.91
21	.45375	21.1	Qp	0	0	10.1	31.2	56.81	-25.61	-	-
22	.4515	15.16	Ca	0	0	10.1	25.26	-	-	46.85	-21.59
23	4.8615	17.13	Qp	0	.1	10.1	27.33	56	-28.67	-	-
24	4.8615	15.2	Ca	0	.1	10.1	25.4	-	-	46	-20.6

10.1.2. AC Power Line Norm

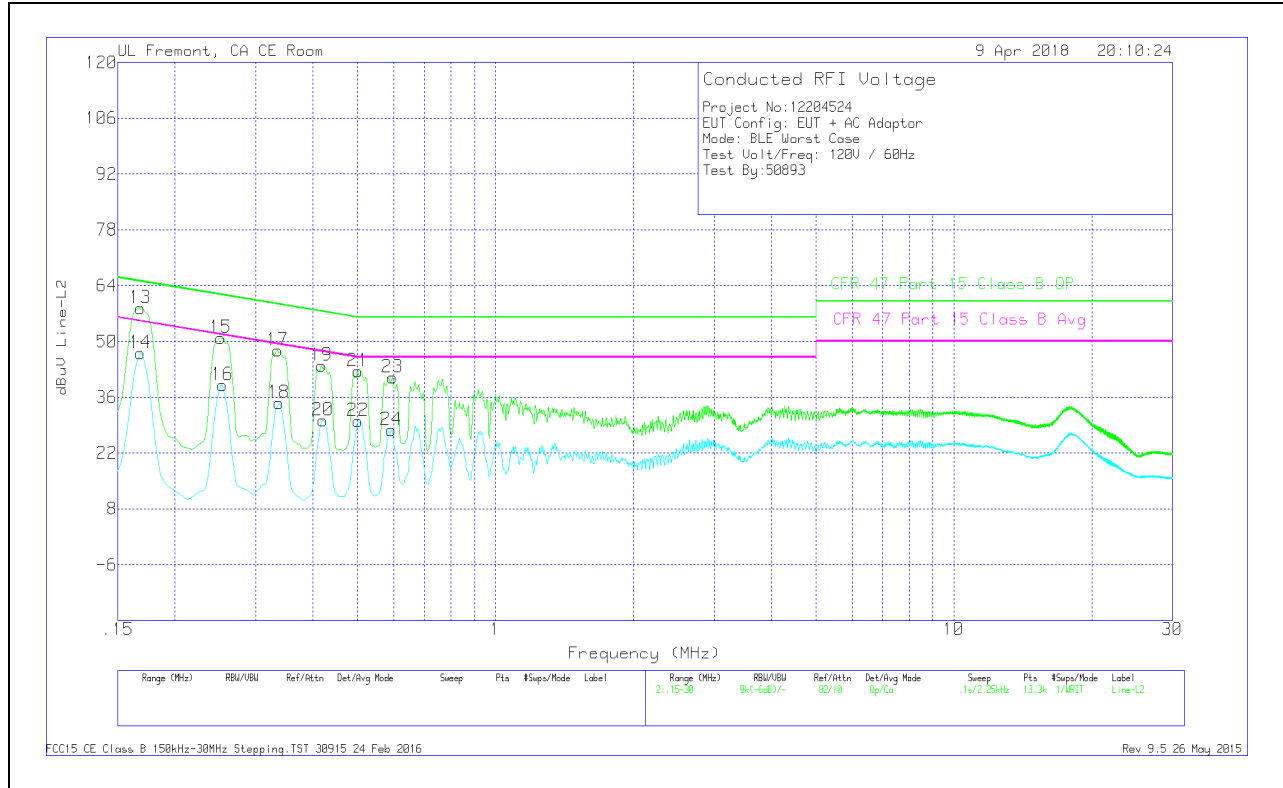
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.168	50.12	Qp	.1	0	10.1	60.32	65.06	-4.74	-	-
2	.17025	38.53	Ca	0	0	10.1	48.63	-	-	54.95	-6.32
3	.2535	43.07	Qp	0	0	10.1	53.17	61.64	-8.47	-	-
4	.25575	30.28	Ca	0	0	10.1	40.38	-	-	51.57	-11.19
5	.33675	40.26	Qp	0	0	10.1	50.36	59.28	-8.92	-	-
6	.339	26.43	Ca	0	0	10.1	36.53	-	-	49.23	-12.7
7	.429	36.46	Qp	0	0	10.1	46.56	57.27	-10.71	-	-
8	.4245	21.98	Ca	0	0	10.1	32.08	-	-	47.36	-15.28
9	.5055	35.2	Qp	0	0	10.1	45.3	56	-10.7	-	-
10	.5055	20.35	Ca	0	0	10.1	30.45	-	-	46	-15.55
11	.58875	32.69	Qp	0	0	10.1	42.79	56	-13.21	-	-
12	.591	18.03	Ca	0	0	10.1	28.13	-	-	46	-17.87

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
13	.168	48.22	Qp	0	0	10.1	58.32	65.06	-6.74	-	-
14	.168	37.01	Ca	0	0	10.1	47.11	-	-	55.06	-7.95
15	.25125	40.76	Qp	0	0	10.1	50.86	61.72	-10.86	-	-
16	.2535	28.91	Ca	0	0	10.1	39.01	-	-	51.64	-12.63
17	.3345	37.56	Qp	0	0	10.1	47.66	59.34	-11.68	-	-
18	.33675	24.4	Ca	0	0	10.1	34.5	-	-	49.28	-14.78
19	.41775	33.78	Qp	0	0	10.1	43.88	57.49	-13.61	-	-
20	.42	20.07	Ca	0	0	10.1	30.17	-	-	47.45	-17.28
21	.501	32.4	Qp	0	0	10.1	42.5	56	-13.5	-	-
22	.501	19.96	Ca	0	0	10.1	30.06	-	-	46	-15.94
23	.5955	30.81	Qp	0	0	10.1	40.91	56	-15.09	-	-
24	.59325	17.65	Ca	0	0	10.1	27.75	-	-	46	-18.25

11. SETUP PHOTOS

Please refer to 12204524-EP1V1 for setup photos

END OF REPORT