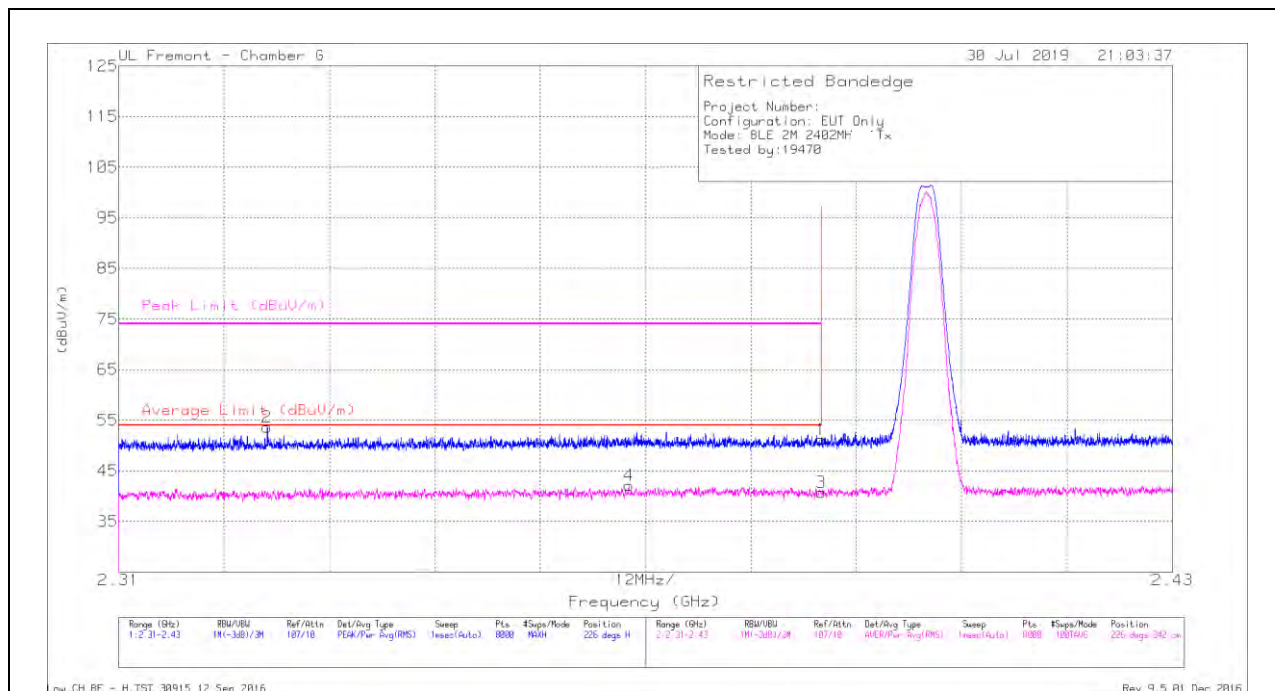


Antenna 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



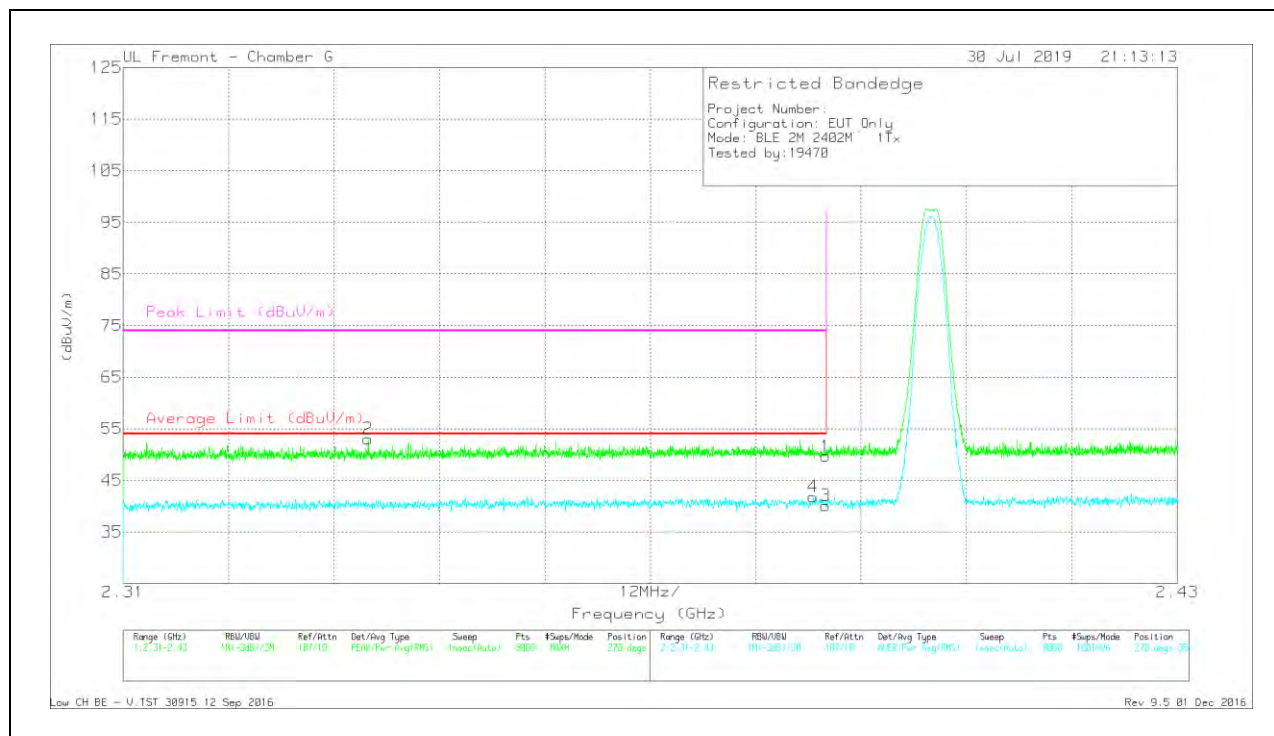
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.327	44.3	Pk	31.6	-22.3	53.6	-	-	74	-20.4	226	342	H
4	* 2.368	32.37	RMS	31.9	-22.2	42.07	54	-11.93	-	-	226	342	H
1	* 2.39	41.5	Pk	31.9	-22.2	51.2	-	-	74	-22.8	226	342	H
3	* 2.39	31.08	RMS	31.9	-22.2	40.78	54	-13.22	-	-	226	342	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

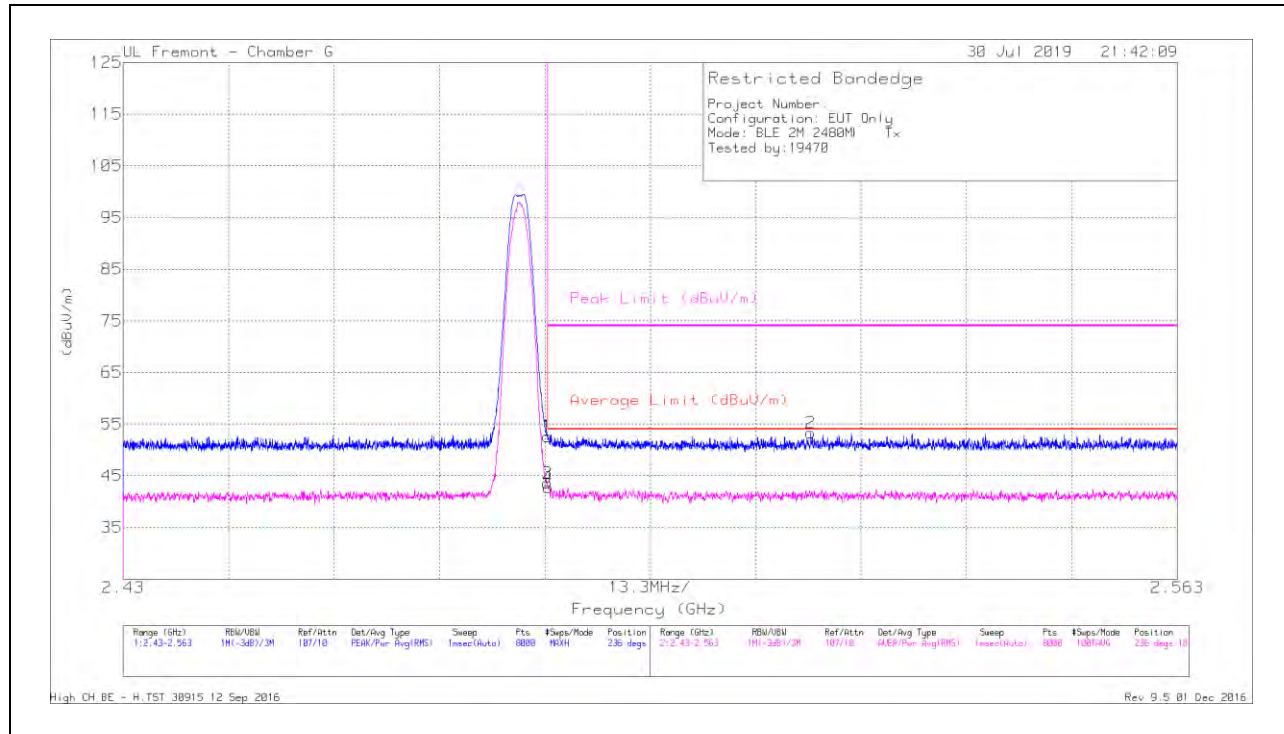


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.338	43.61	Pk	31.7	-22.3	53.01	-	-	74	-20.99	270	386	V
4	* 2.389	32.11	RMS	31.9	-22.2	41.81	54	-12.19	-	-	270	386	V
1	* 2.39	40	Pk	31.9	-22.2	49.7	-	-	74	-24.3	270	386	V
3	* 2.39	30.43	RMS	31.9	-22.2	40.13	54	-13.87	-	-	270	386	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

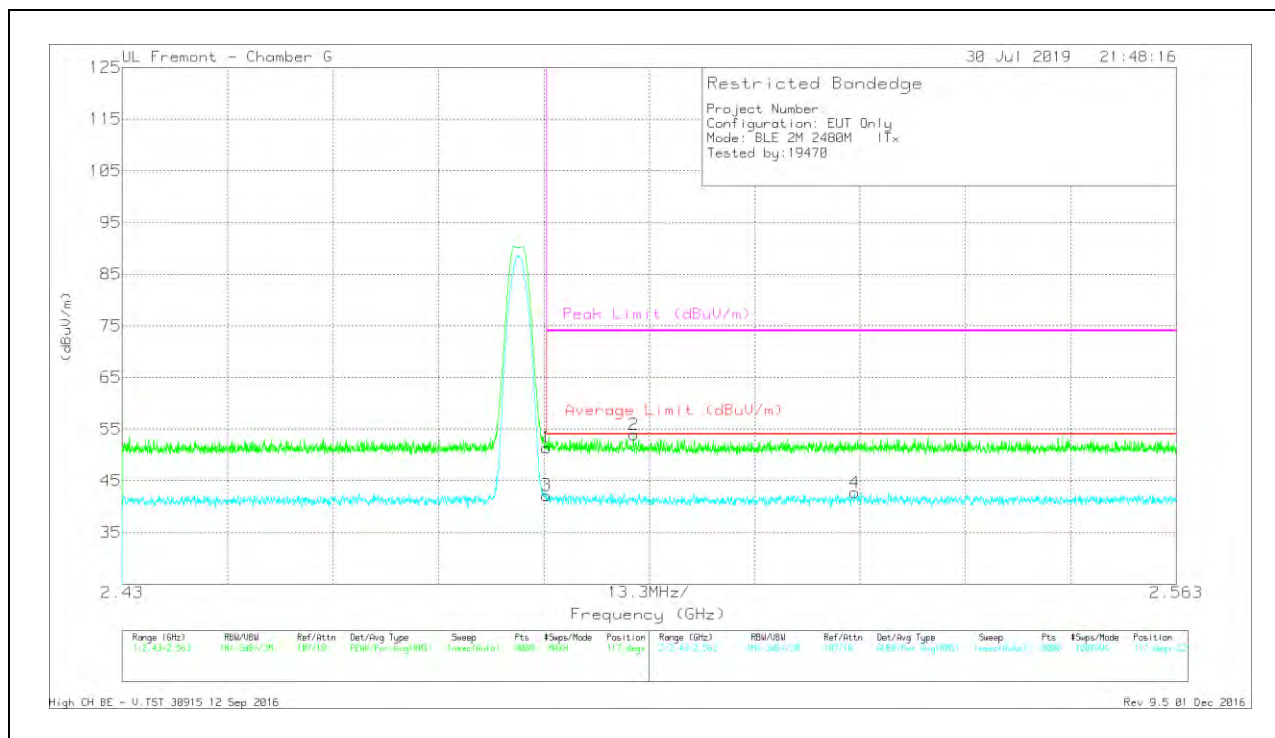
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/CbI/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.2	Pk	32.5	-22.1	52.6	-	-	74	-21.4	236	181	H
3	* 2.484	33.16	RMS	32.5	-22.1	43.56	54	-10.44	-	-	236	181	H
4	* 2.484	32.34	RMS	32.5	-22.1	42.74	54	-11.26	-	-	236	181	H
2	2.517	42.99	Pk	32.5	-22.2	53.29	-	-	74	-20.71	236	181	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 T136 (dB/m)	Amp/CbI/Filtr/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	41	Pk	32.5	-22.1	51.4	-	-	74	-22.6	117	229	V
2	* 2.495	43.6	Pk	32.5	-22.2	53.9	-	-	74	-20.1	117	229	V
3	* 2.484	31.77	RMS	32.5	-22.1	42.17	54	-11.83	-	-	117	229	V
4	2.522	32.41	RMS	32.4	-22.1	42.71	54	-11.29	-	-	117	229	V

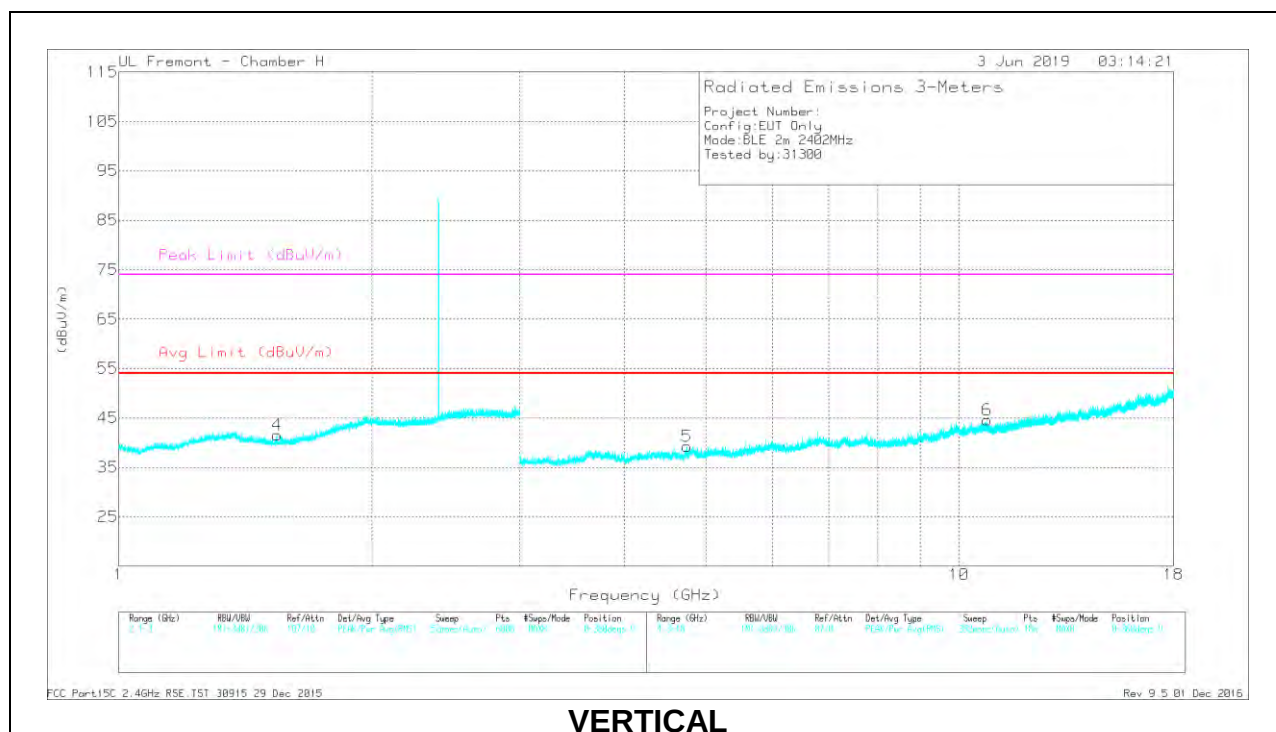
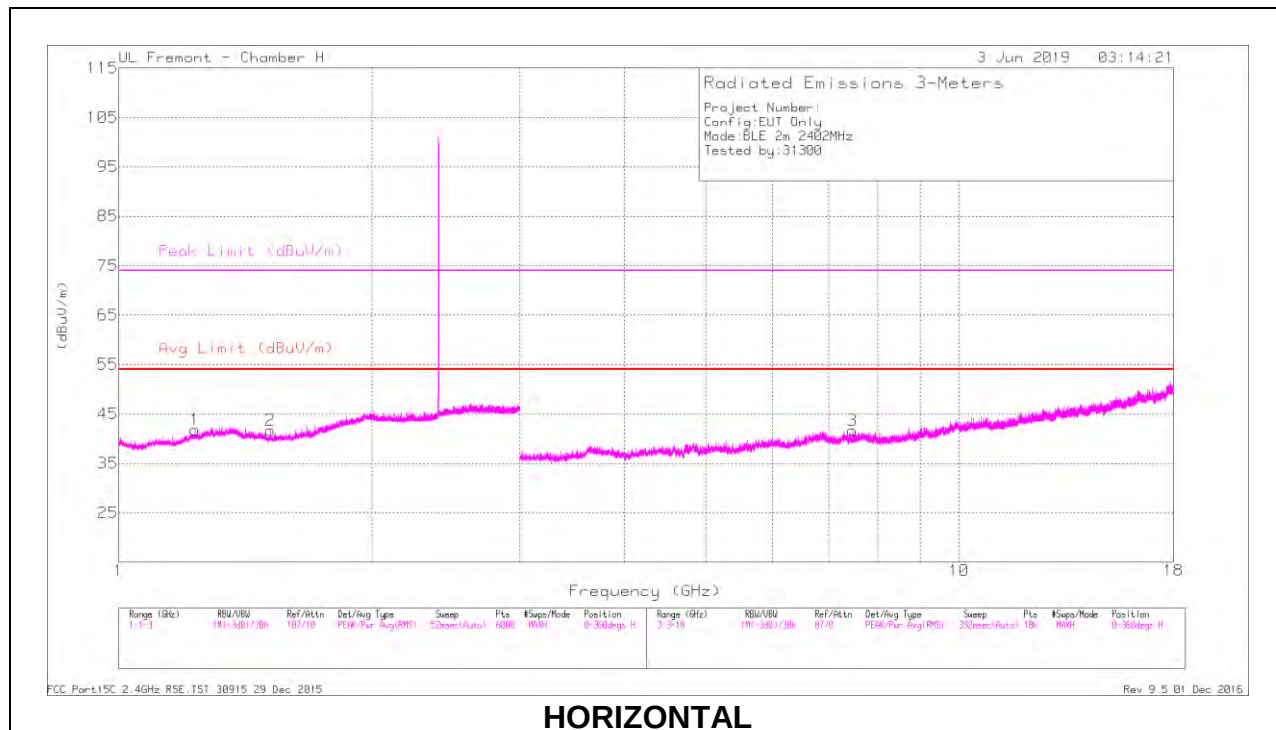
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

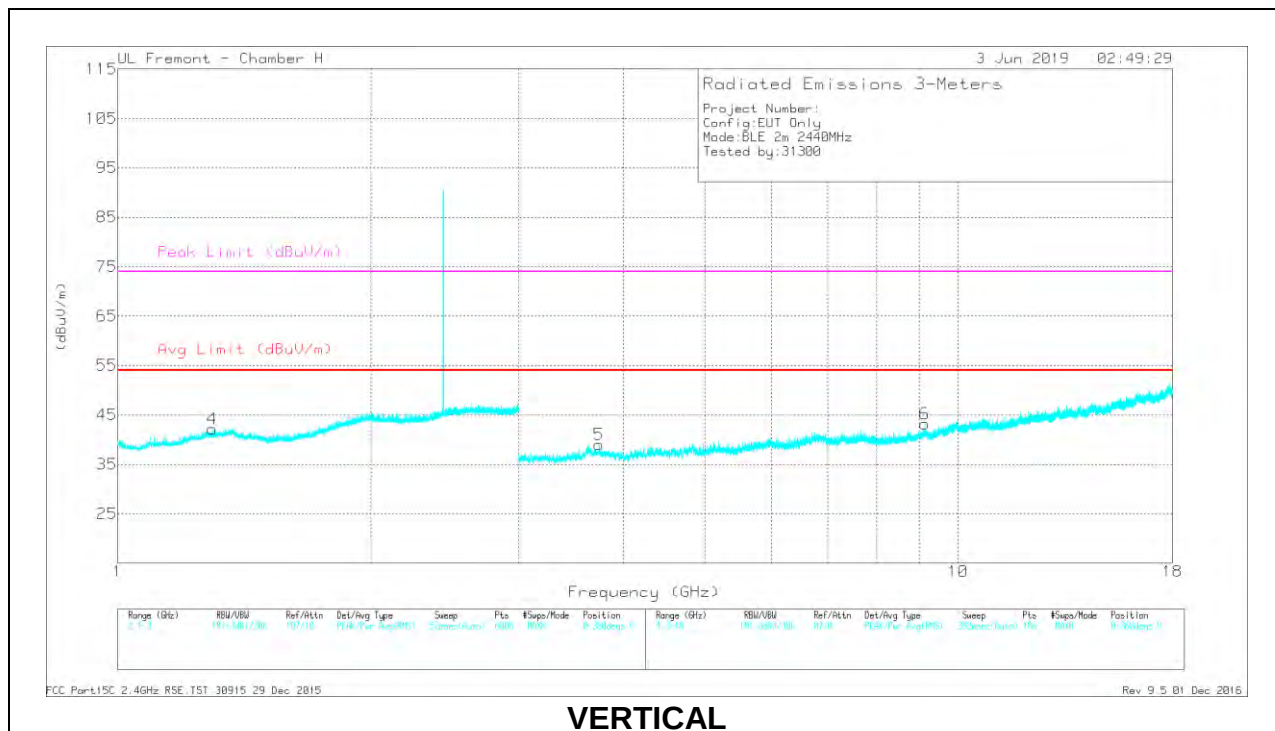
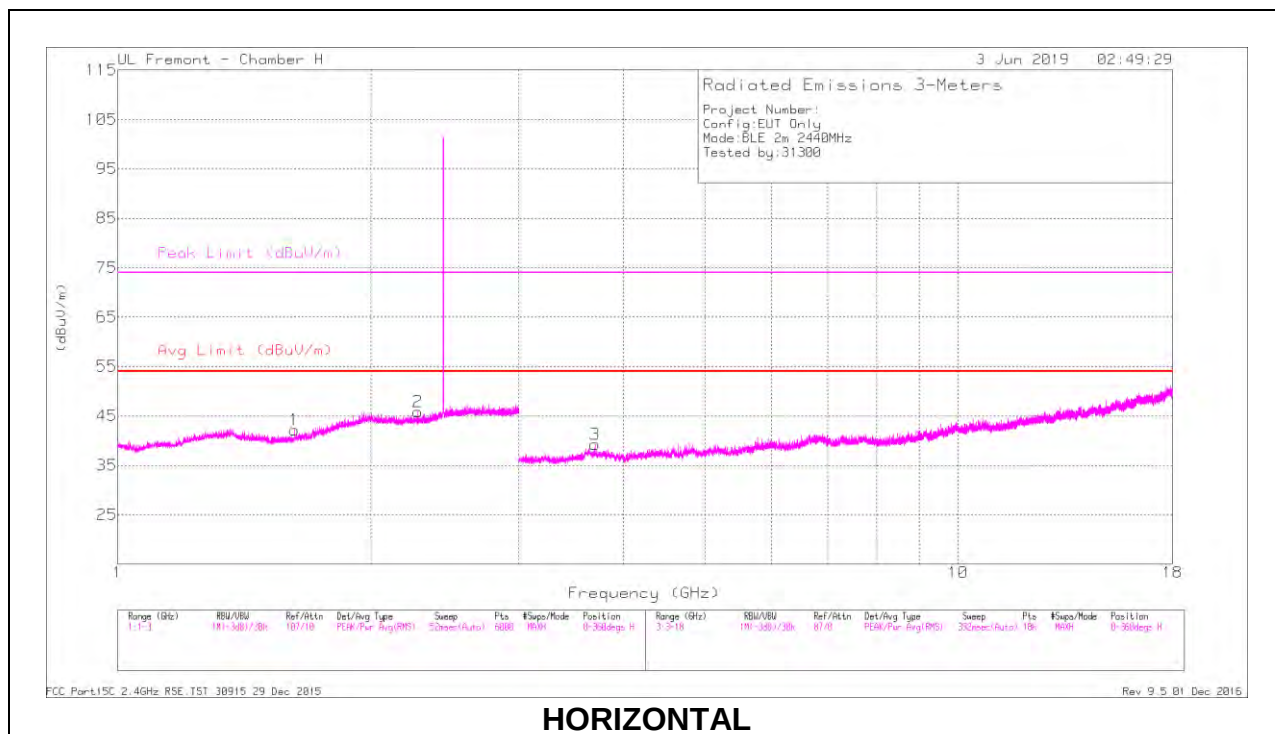
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.235	45.65	PK2	28.7	-25.5	48.85	-	-	74	-25.15	90	100	H
	* 1.234	33.56	MAv1	28.7	-25.5	36.76	54	-17.24	-	-	90	100	H
2	* 1.517	44.52	PK2	27.9	-24.8	47.62	-	-	74	-26.38	136	113	H
	* 1.514	33.29	MAv1	27.9	-24.8	36.39	54	-17.61	-	-	136	113	H
4	* 1.541	45.03	PK2	28.1	-24.8	48.33	-	-	74	-25.67	85	102	V
	* 1.542	33.25	MAv1	28.1	-24.8	36.55	54	-17.45	-	-	85	102	V
3	* 7.472	38.65	PK2	36.5	-27.5	47.65	-	-	74	-26.35	126	100	H
	* 7.474	27.37	MAv1	36.5	-27.4	36.47	54	-17.53	-	-	126	100	H
5	* 4.747	41.69	PK2	34	-30	45.69	-	-	74	-28.31	70	271	V
	* 4.745	30.83	MAv1	34	-30	34.83	54	-19.17	-	-	70	271	V
6	* 10.811	35.42	PK2	37.8	-22.4	50.82	-	-	74	-23.18	20	165	V
	* 10.813	24.26	MAv1	37.8	-22.5	39.56	54	-14.44	-	-	20	165	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

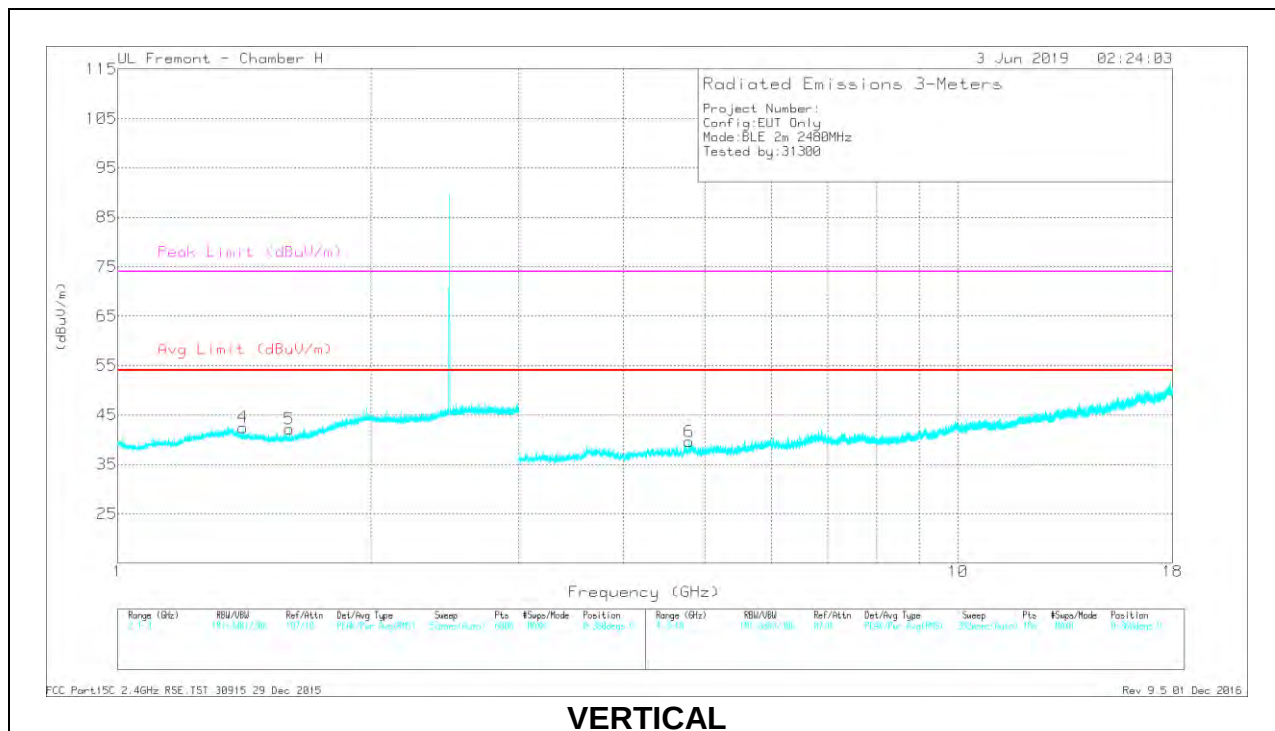
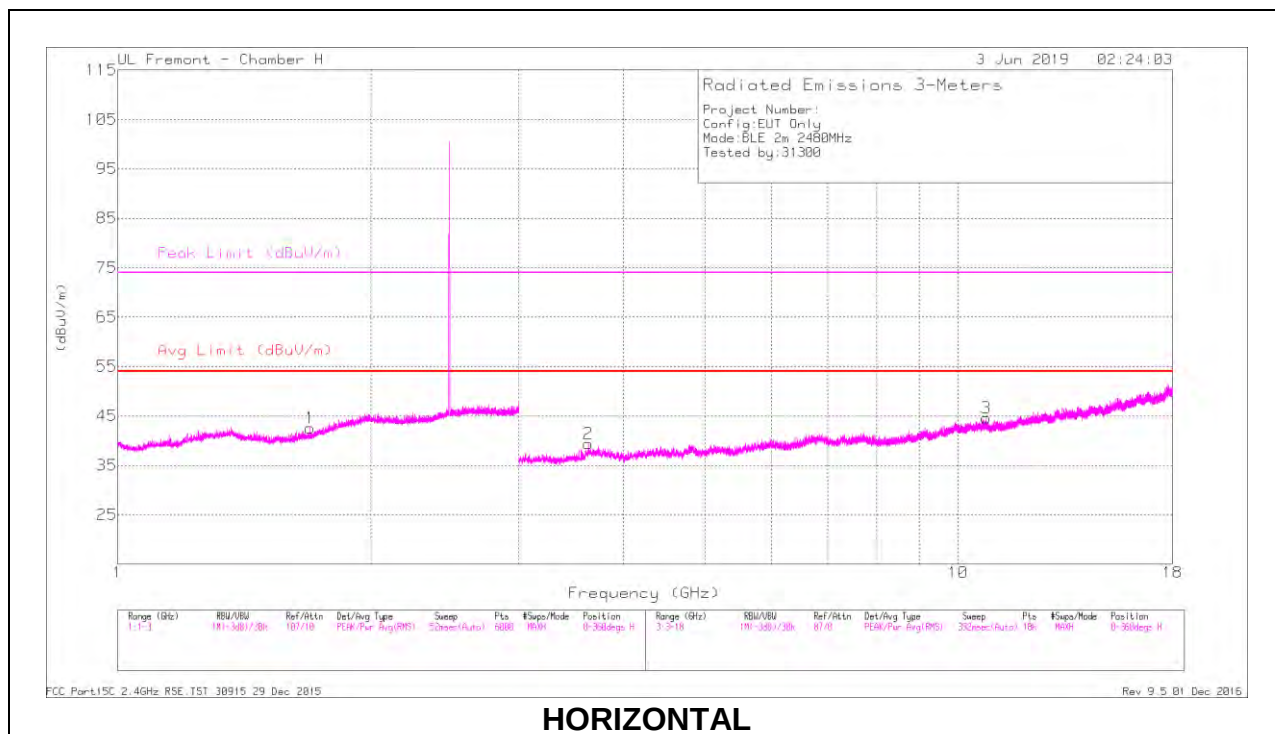
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.623	44.91	PK2	28.2	-24.6	48.51	-	-	74	-25.49	20	100	H
	* 1.622	33.29	MAv1	28.2	-24.6	36.89	54	-17.11	-	-	20	100	H
2	* 2.274	44.14	PK2	31.3	-23.7	51.74	-	-	74	-22.26	79	100	H
	* 2.274	32.77	MAv1	31.3	-23.7	40.37	54	-13.63	-	-	79	100	H
4	* 1.297	45.17	PK2	29.2	-25.4	48.97	-	-	74	-25.03	190	130	V
	* 1.294	33.5	MAv1	29.3	-25.4	37.4	54	-16.6	-	-	190	130	V
3	* 3.699	41.27	PK2	33.1	-30.4	43.97	-	-	74	-30.03	223	167	H
	* 3.698	30.63	MAv1	33.1	-30.3	33.43	54	-20.57	-	-	223	167	H
5	* 3.737	43.03	PK2	33.3	-30.9	45.43	-	-	74	-28.57	157	215	V
	* 3.74	31.2	MAv1	33.3	-30.9	33.6	54	-20.4	-	-	157	215	V
6	* 9.14	36.55	PK2	36.2	-23.8	48.95	-	-	74	-25.05	73	272	V
	* 9.138	25.36	MAv1	36.2	-23.8	37.76	54	-16.24	-	-	73	272	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	* 1.695	45.24	PK2	28.5	-24.5	49.24	-	-	74	-24.76	75	100	H
	* 1.693	33.02	MAv1	28.5	-24.5	37.02	54	-16.98	-	-	75	100	H
4	* 1.411	45.28	PK2	28.7	-25.1	48.88	-	-	74	-25.12	26	122	V
	* 1.409	33.41	MAv1	28.7	-25.1	37.01	54	-16.99	-	-	26	122	V
5	* 1.601	45.41	PK2	28	-24.7	48.71	-	-	74	-25.29	18	152	V
	* 1.6	33.14	MAv1	28	-24.7	36.44	54	-17.56	-	-	18	152	V
2	* 3.63	41	PK2	33.1	-29.6	44.5	-	-	74	-29.5	161	181	H
	* 3.633	29.92	MAv1	33.1	-29.6	33.42	54	-20.58	-	-	161	181	H
3	* 10.814	35.32	PK2	37.8	-22.6	50.52	-	-	74	-23.48	86	151	H
	* 10.813	24.31	MAv1	37.8	-22.5	39.61	54	-14.39	-	-	86	151	H
6	* 4.785	42.54	PK2	34.1	-30.1	46.54	-	-	74	-27.46	21	121	V
	* 4.785	31	MAv1	34.2	-30.1	35.1	54	-18.9	-	-	21	121	V

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

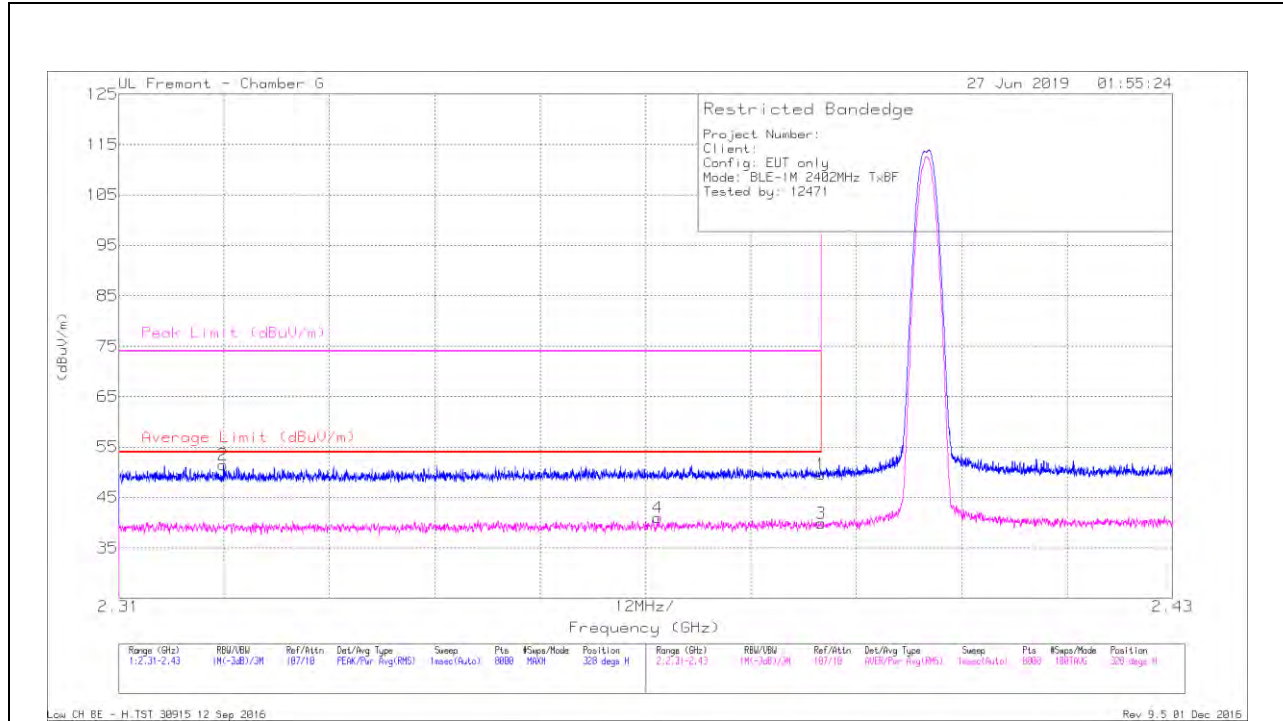
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.5. BEAMFORMING, HIGH POWER BLE (1Mbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



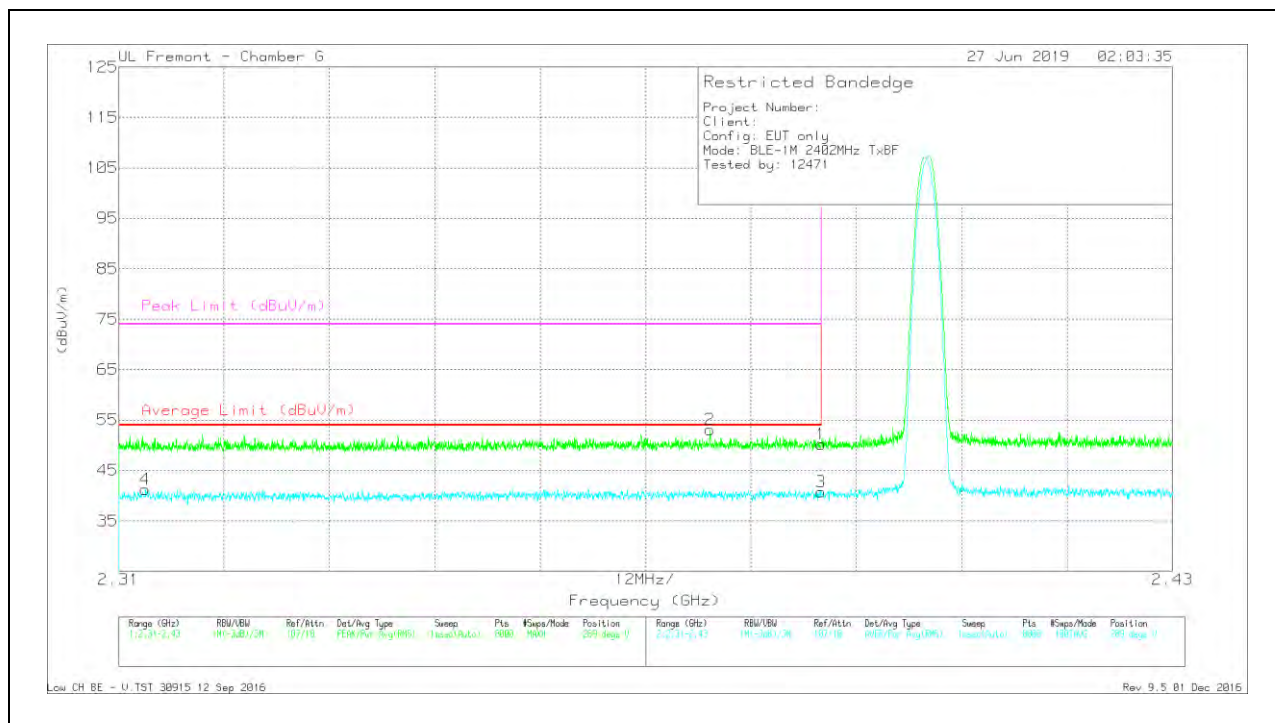
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.94	Pk	31.9	-22.2	49.64	-	-	74	-24.36	328	101	H
2	* 2.322	42.16	Pk	31.6	-22.3	51.46	-	-	74	-22.54	328	101	H
3	* 2.39	30.17	RMS	31.9	-22.2	39.87	54	-14.13	-	-	328	101	H
4	* 2.371	31.36	RMS	31.8	-22.2	40.96	54	-13.04	-	-	328	101	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

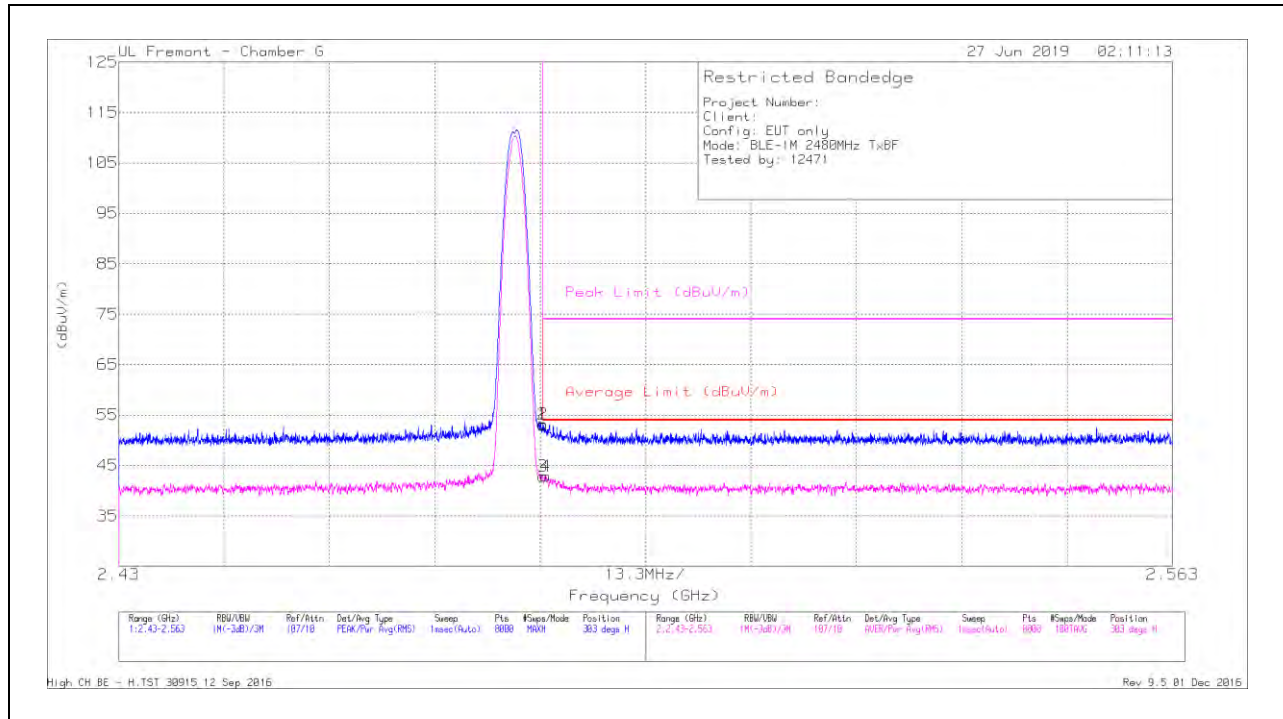


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	40.52	Pk	31.9	-22.2	50.22	-	-	74	-23.78	289	390	V
2	* 2.377	43.46	Pk	31.8	-22.2	53.06	-	-	74	-20.94	289	390	V
3	* 2.39	31.05	RMS	31.9	-22.2	40.75	54	-13.25	-	-	289	390	V
4	* 2.313	31.9	RMS	31.7	-22.3	41.3	54	-12.7	-	-	289	390	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

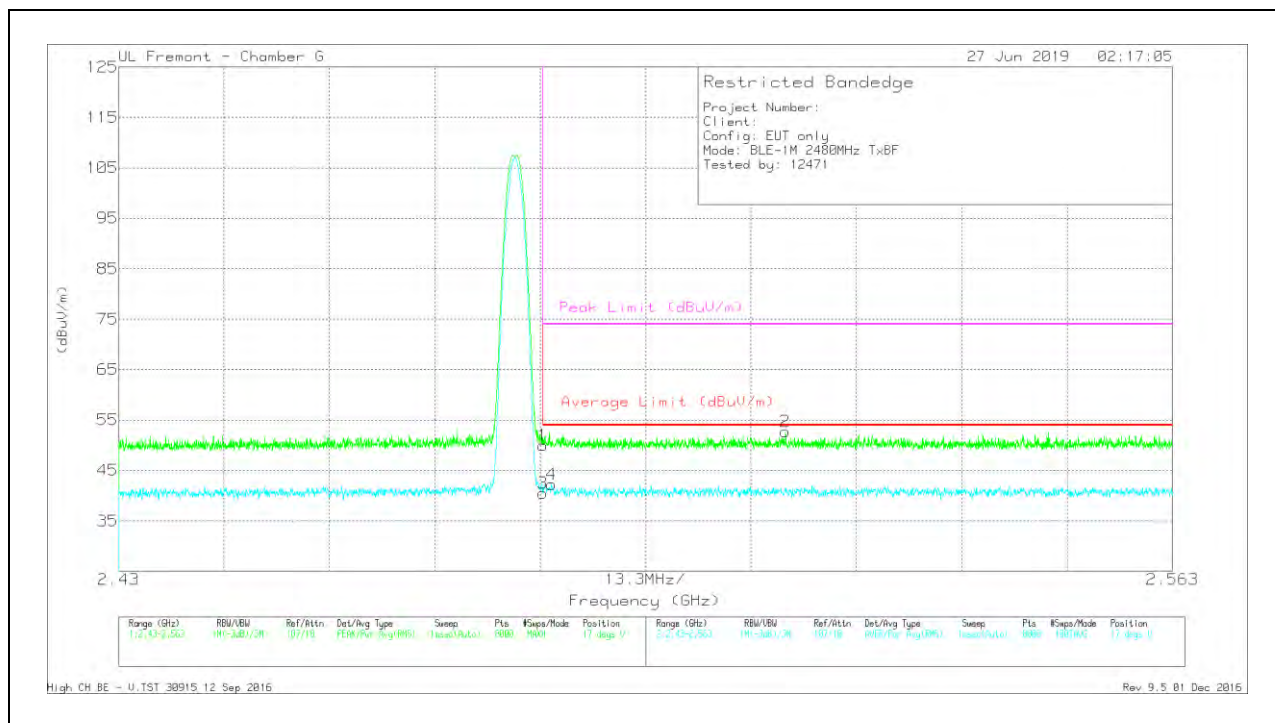
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.83	Pk	32.4	-22.1	53.13	-	-	74	-20.87	303	163	H
2	* 2.484	42.88	Pk	32.4	-22.1	53.18	-	-	74	-20.82	303	163	H
3	* 2.484	32.53	RMS	32.4	-22.1	42.83	54	-11.17	-	-	303	163	H
4	* 2.484	32.54	RMS	32.4	-22.1	42.84	54	-11.16	-	-	303	163	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 T120 (dB/m)	Ampl/Cbl/Ftr/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	39.71	Pk	32.4	-22.1	50.01	-	-	74	-23.99	17	403	V
3	* 2.484	30.17	RMS	32.4	-22.1	40.47	54	-13.53	-	-	17	403	V
4	* 2.485	31.92	RMS	32.4	-22.1	42.22	54	-11.78	-	-	17	403	V
2	2.514	42.51	Pk	32.4	-22.2	52.71	-	-	74	-21.29	17	403	V

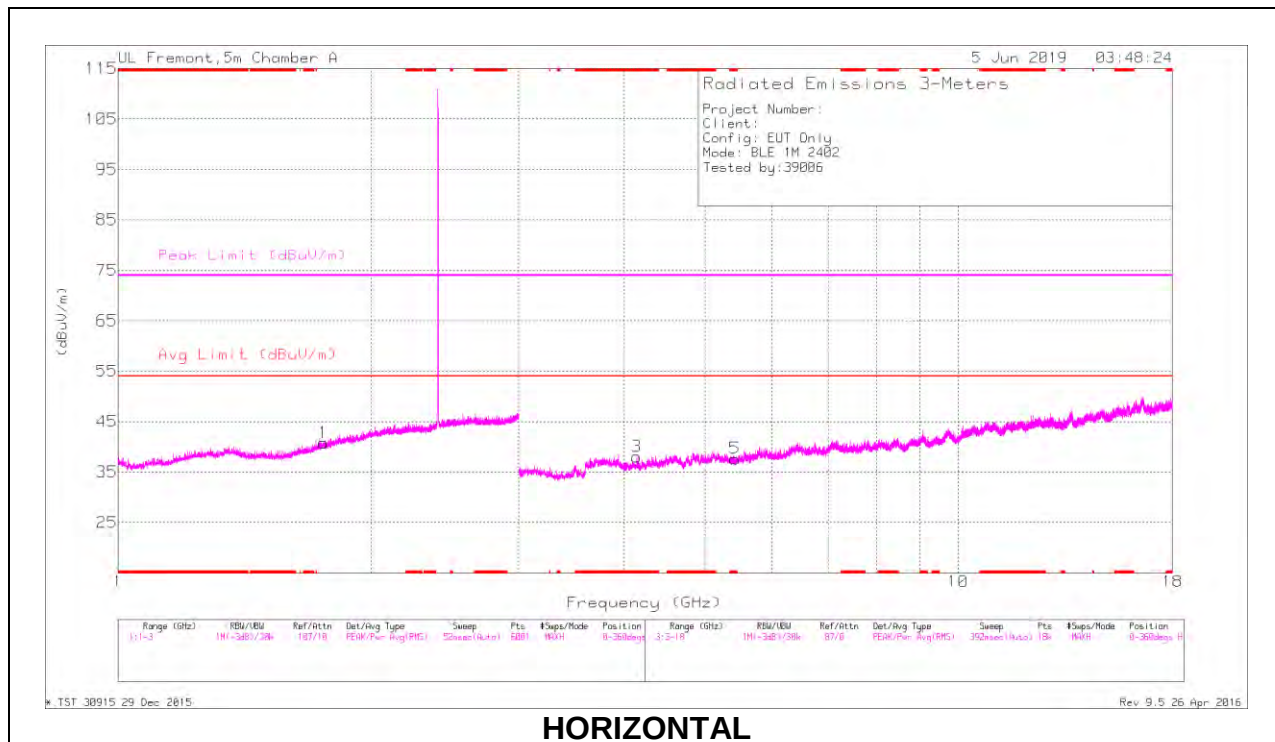
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

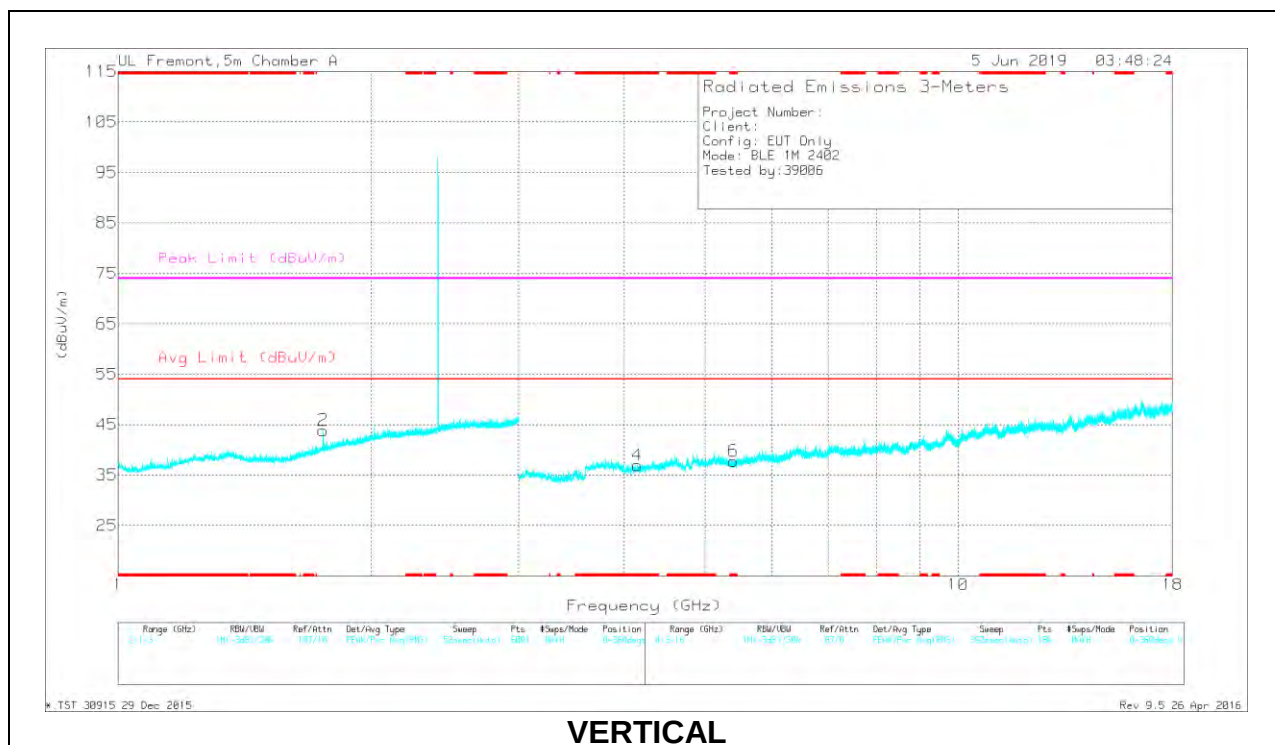
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

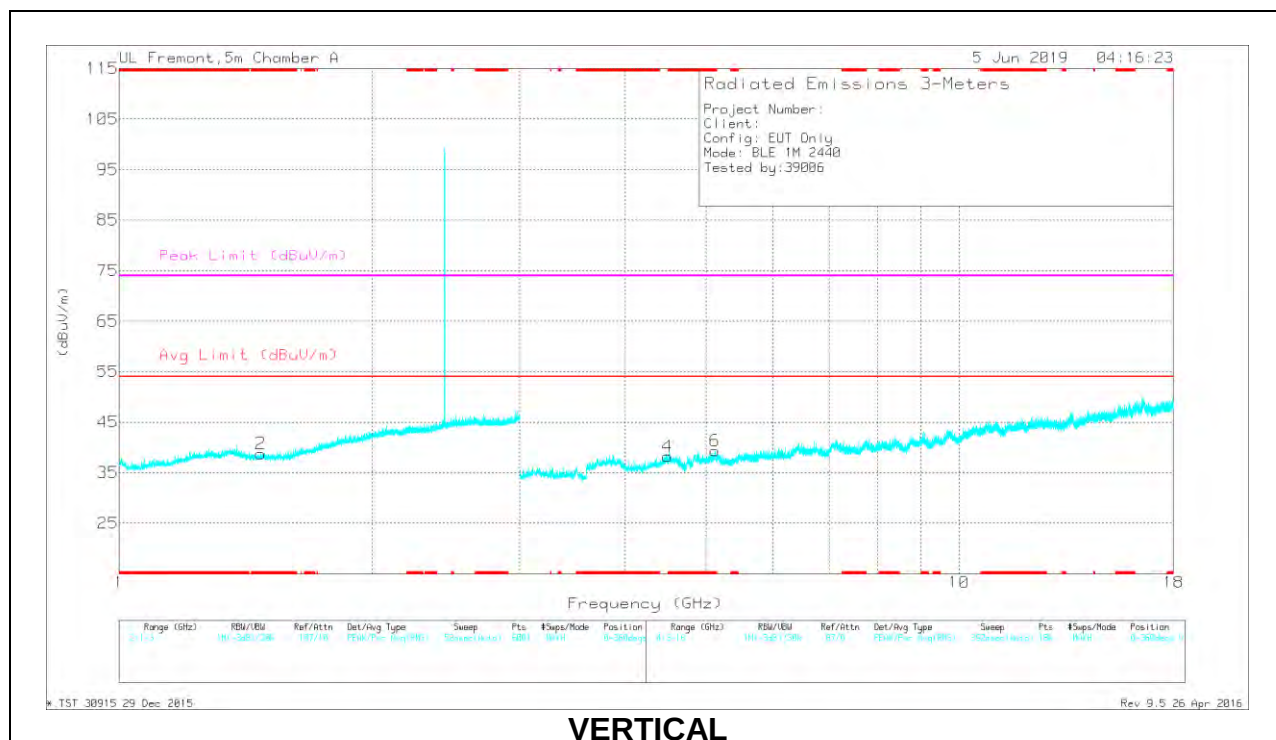
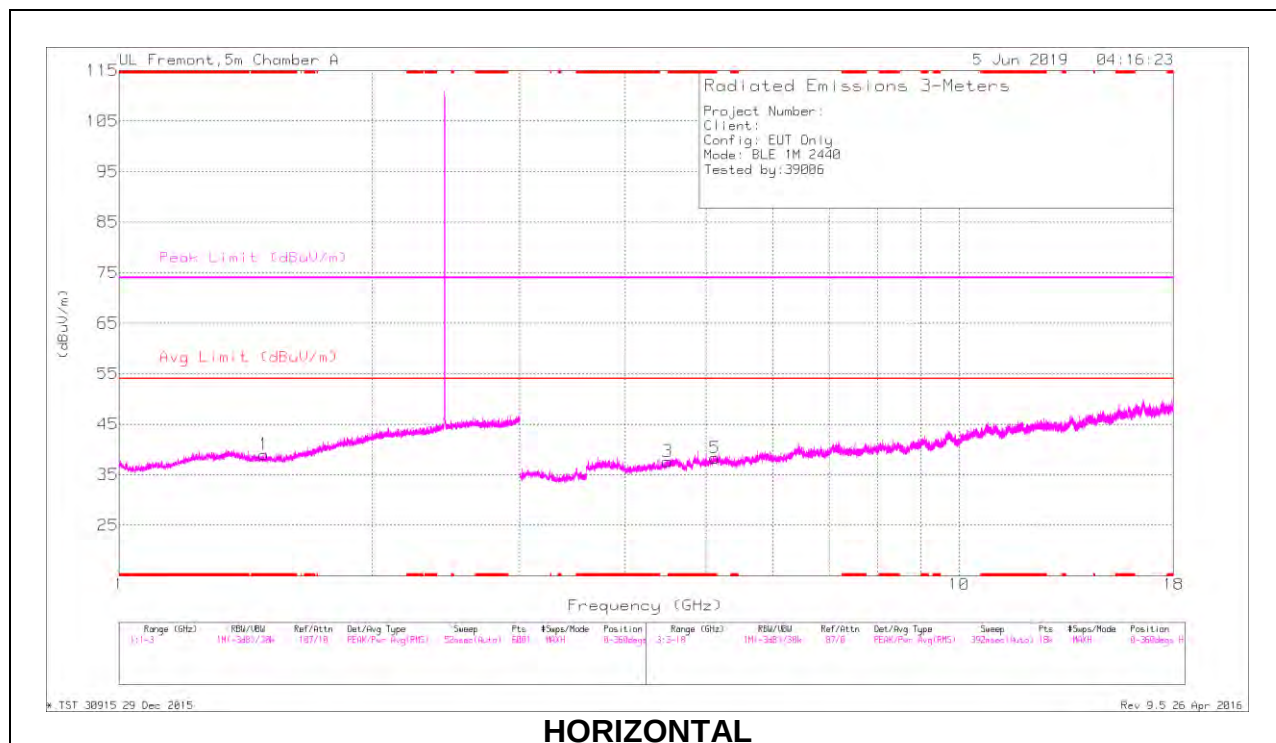
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 4.143	39.61	PK2	33.4	-28.9	44.11	-	-	74	-29.89	120	150	H
	* 4.141	29.15	MAv1	33.4	-28.9	33.65	54	-20.35	-	-	120	150	H
5	* 5.425	38.06	PK2	35	-27.2	45.86	-	-	74	-28.14	95	180	H
	* 5.425	27.11	MAv1	35	-27.2	34.91	54	-19.09	-	-	95	180	H
4	* 4.151	38.6	PK2	33.4	-28.8	43.2	-	-	74	-30.8	65	115	V
	* 4.153	28.87	MAv1	33.4	-28.8	33.47	54	-20.53	-	-	65	115	V
6	* 5.401	37.17	PK2	34.9	-27.6	44.47	-	-	74	-29.53	78	165	V
	* 5.403	27.47	MAv1	34.9	-27.5	34.87	54	-19.13	-	-	78	165	V
	1.752	31.08	MAv1	29.9	-23.8	37.18	-	-	-	-	40	170	V
2	1.753	31.41	MAv1	29.9	-23.7	37.61	-	-	-	-	55	145	H
	1.755	41.85	PK2	29.8	-23.8	47.85	-	-	-	-	40	170	V
1	1.756	42.12	PK2	29.8	-23.8	48.12	-	-	-	-	55	145	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



RADIATED EMISSIONS

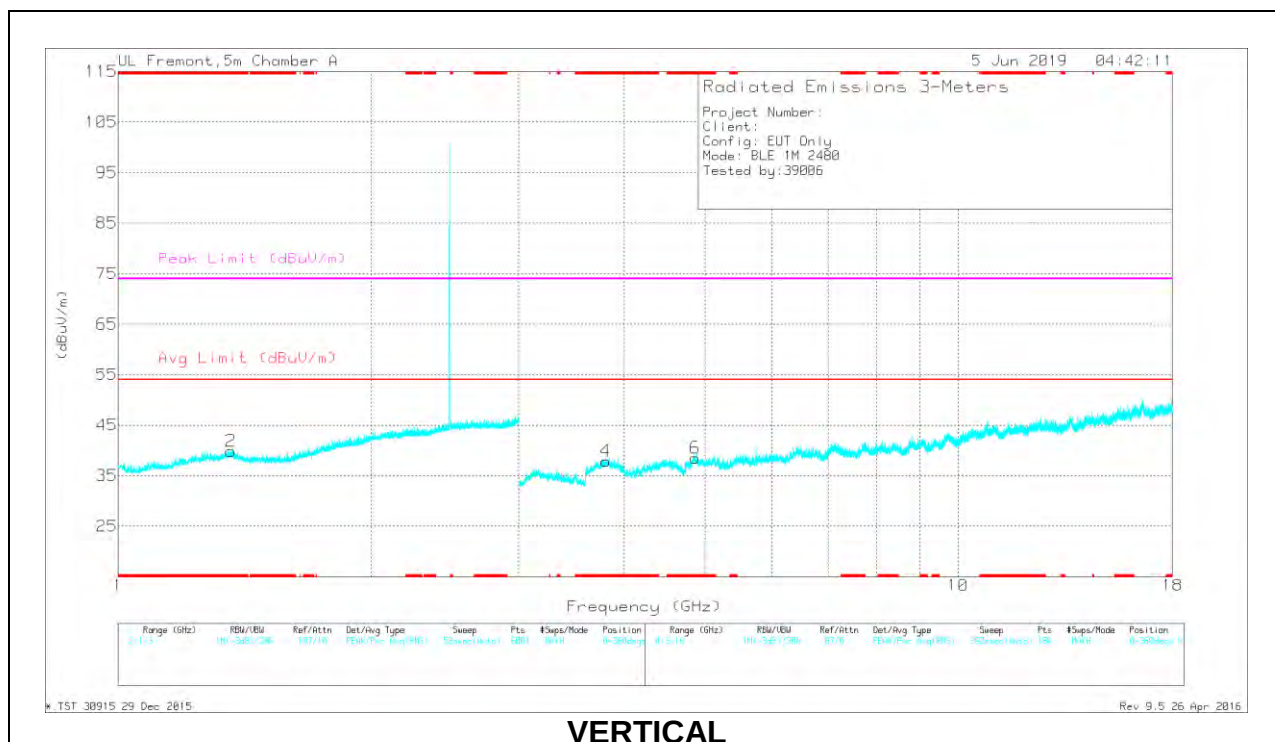
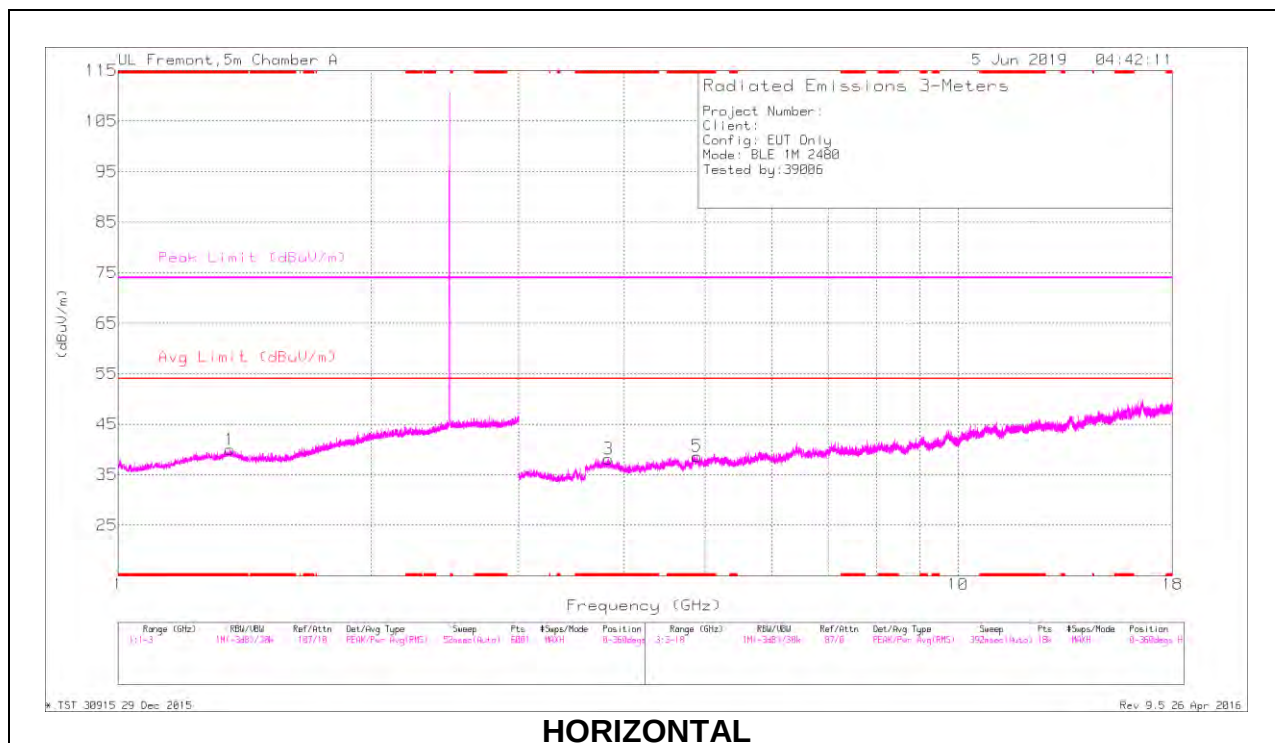
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.486	41.96	PK2	28.4	-24.6	45.76	-	-	74	-28.24	300	150	H
	* 1.487	31.25	MAv1	28.4	-24.6	35.05	54	-18.95	-	-	300	150	H
2	* 1.472	41.95	PK2	28.4	-24.7	45.65	-	-	74	-28.35	260	160	V
	* 1.475	31.24	MAv1	28.4	-24.7	34.94	54	-19.06	-	-	260	160	V
5	* 5.118	38.28	PK2	34.5	-27.1	45.68	-	-	74	-28.32	240	140	H
	* 5.117	28.08	MAv1	34.5	-27.1	35.48	54	-18.52	-	-	240	140	H
6	* 5.12	38.31	PK2	34.6	-27.1	45.81	-	-	74	-28.19	200	136	V
	* 5.12	28.13	MAv1	34.6	-27.1	35.63	54	-18.37	-	-	200	136	V
3	4.497	28.4	MAv1	34	-28.1	34.3	-	-	-	-	270	167	H
	4.498	38.21	PK2	34	-28.1	44.11	-	-	-	-	270	167	H
4	4.498	38.87	PK2	34	-28.1	44.77	-	-	-	-	212	180	V
	4.498	28.82	MAv1	34	-28.1	34.72	-	-	-	-	212	180	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 T346 (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	* 1.359	42.65	PK2	29.5	-25	47.15	-	-	74	-26.85	350	190	H
	* 1.356	31.61	MAv1	29.6	-25	36.21	54	-17.79	-	-	350	190	H
2	* 1.361	42.35	PK2	29.5	-24.9	46.95	-	-	74	-27.05	310	205	V
	* 1.36	31.56	MAv1	29.5	-24.9	36.16	54	-17.84	-	-	310	205	V
3	* 3.836	39.26	PK2	33.7	-29	43.96	-	-	74	-30.04	190	186	H
	* 3.838	29.68	MAv1	33.7	-29	34.38	54	-19.62	-	-	190	186	H
5	* 4.891	38.04	PK2	34.2	-26.6	45.64	-	-	74	-28.36	145	155	H
	* 4.889	27.66	MAv1	34.2	-26.6	35.26	54	-18.74	-	-	145	155	H
4	* 3.81	39.83	PK2	33.7	-29.1	44.43	-	-	74	-29.57	168	176	V
	* 3.812	29.92	MAv1	33.7	-29.1	34.52	54	-19.48	-	-	168	176	V
6	* 4.867	37.81	PK2	34.1	-26.9	45.01	-	-	74	-28.99	99	172	V
	* 4.864	27.44	MAv1	34.1	-27.1	34.44	54	-19.56	-	-	99	172	V

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

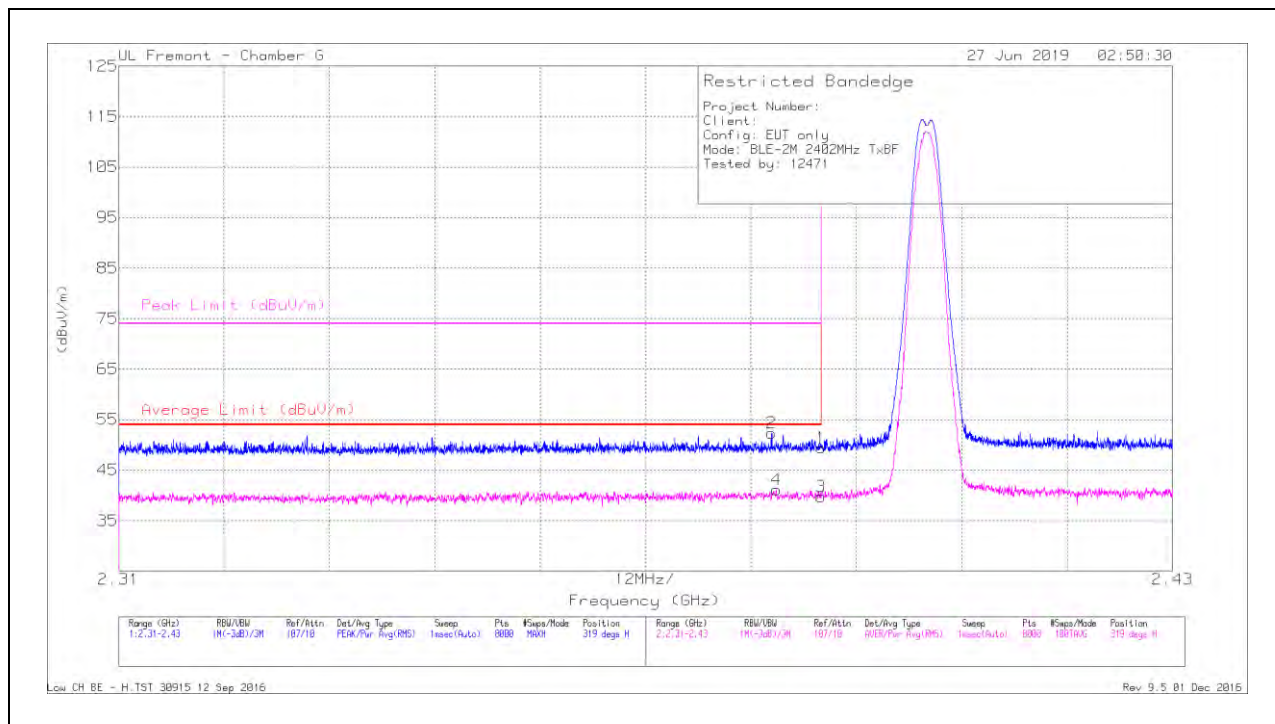
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.6. BEAMFORMING, HIGH POWER BLE (2Mbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



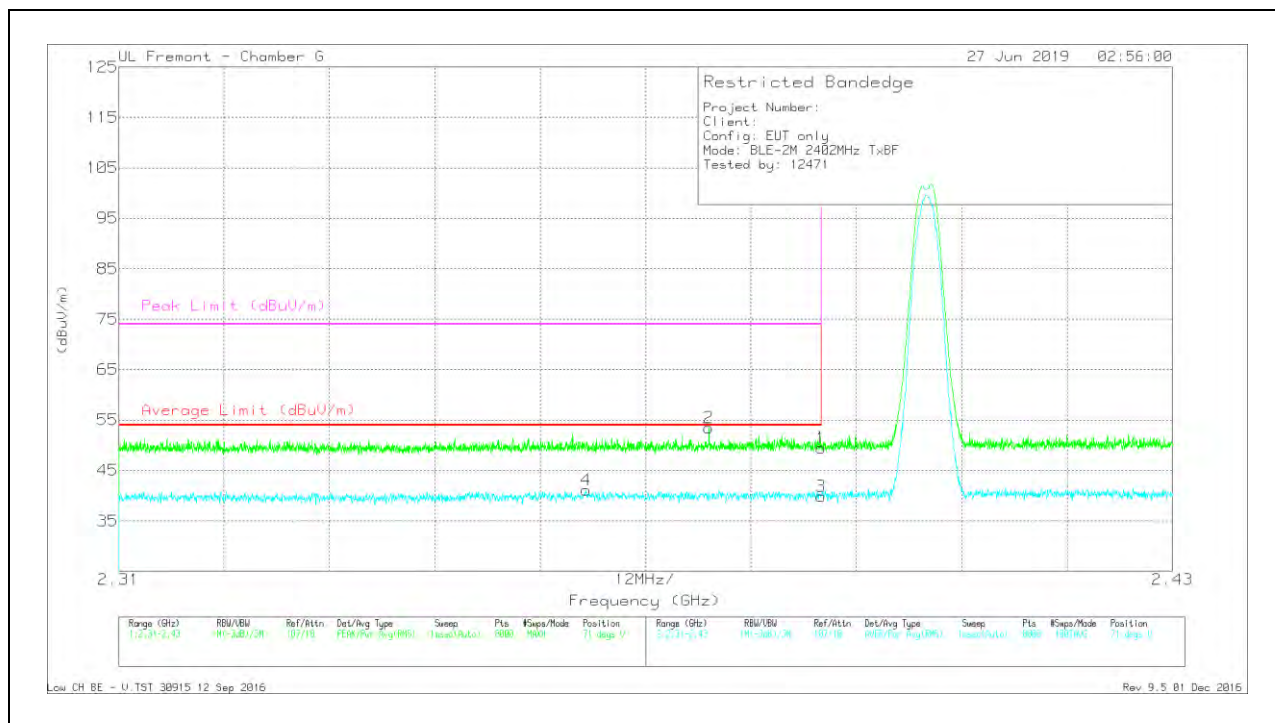
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.71	Pk	31.9	-22.2	49.41	-	-	74	-24.59	319	209	H
2	* 2.384	42.63	Pk	31.9	-22.2	52.33	-	-	74	-21.67	319	209	H
3	* 2.39	30.03	RMS	31.9	-22.2	39.73	54	-14.27	-	-	319	209	H
4	* 2.385	31.41	RMS	31.9	-22.2	41.11	54	-12.89	-	-	319	209	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 T120 (dB/m)	Ampl/Cbl/Filtr/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	39.77	Pk	31.9	-22.2	49.47	-	-	74	-24.53	71	311	V
2	* 2.377	43.86	Pk	31.8	-22.2	53.46	-	-	74	-20.54	71	311	V
3	* 2.39	30.16	RMS	31.9	-22.2	39.86	54	-14.14	-	-	71	311	V
4	* 2.363	31.67	RMS	31.7	-22.2	41.17	54	-12.83	-	-	71	311	V

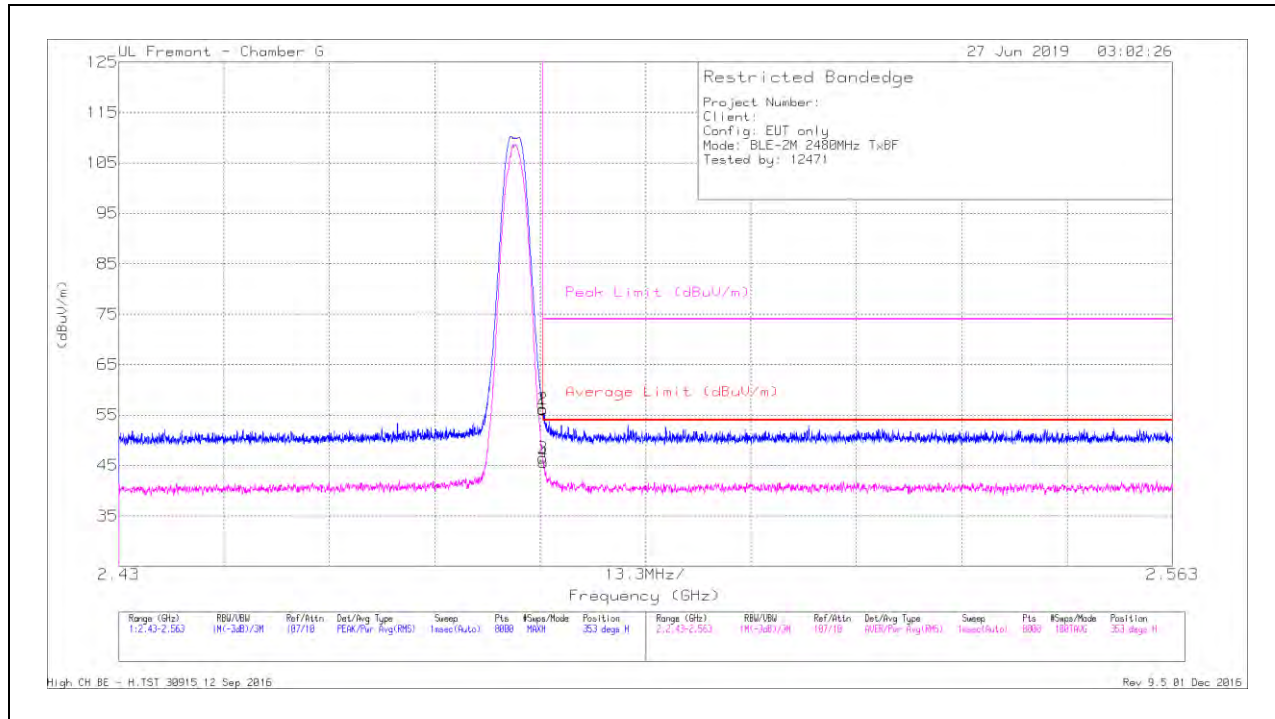
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



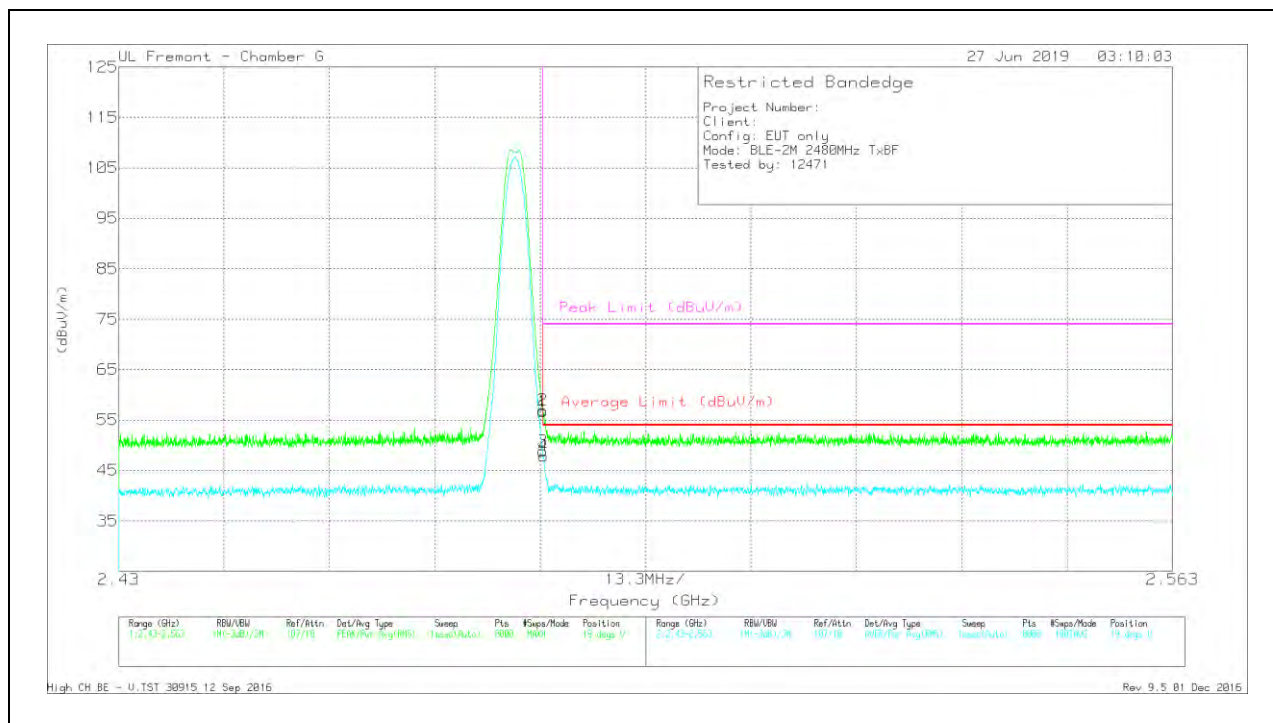
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.81	Pk	32.4	-22.1	56.11	-	-	74	-17.89	353	312	H
2	* 2.484	45.96	Pk	32.4	-22.1	56.26	-	-	74	-17.74	353	312	H
3	* 2.484	36.15	RMS	32.4	-22.1	46.45	54	-7.55	-	-	353	312	H
4	* 2.484	35.34	RMS	32.4	-22.1	45.64	54	-8.36	-	-	353	312	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 T120 (dB/m)	Amp/Cbl/Ftr/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	46.41	Pk	32.4	-22.1	56.71	-	-	74	-17.29	19	403	V
2	* 2.484	46.66	Pk	32.4	-22.1	56.96	-	-	74	-17.04	19	403	V
3	* 2.484	38.56	RMS	32.4	-22.1	48.86	54	-5.14	-	-	19	403	V
4	* 2.484	37.55	RMS	32.4	-22.1	47.85	54	-6.15	-	-	19	403	V

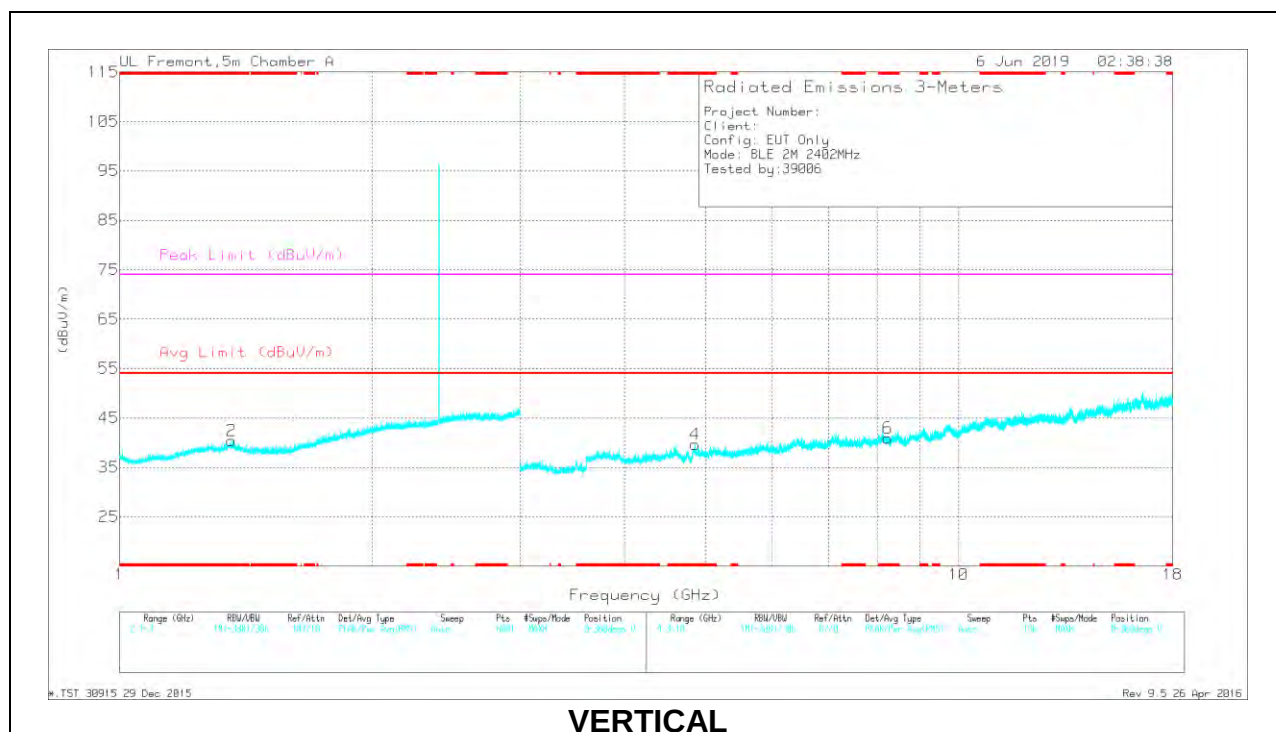
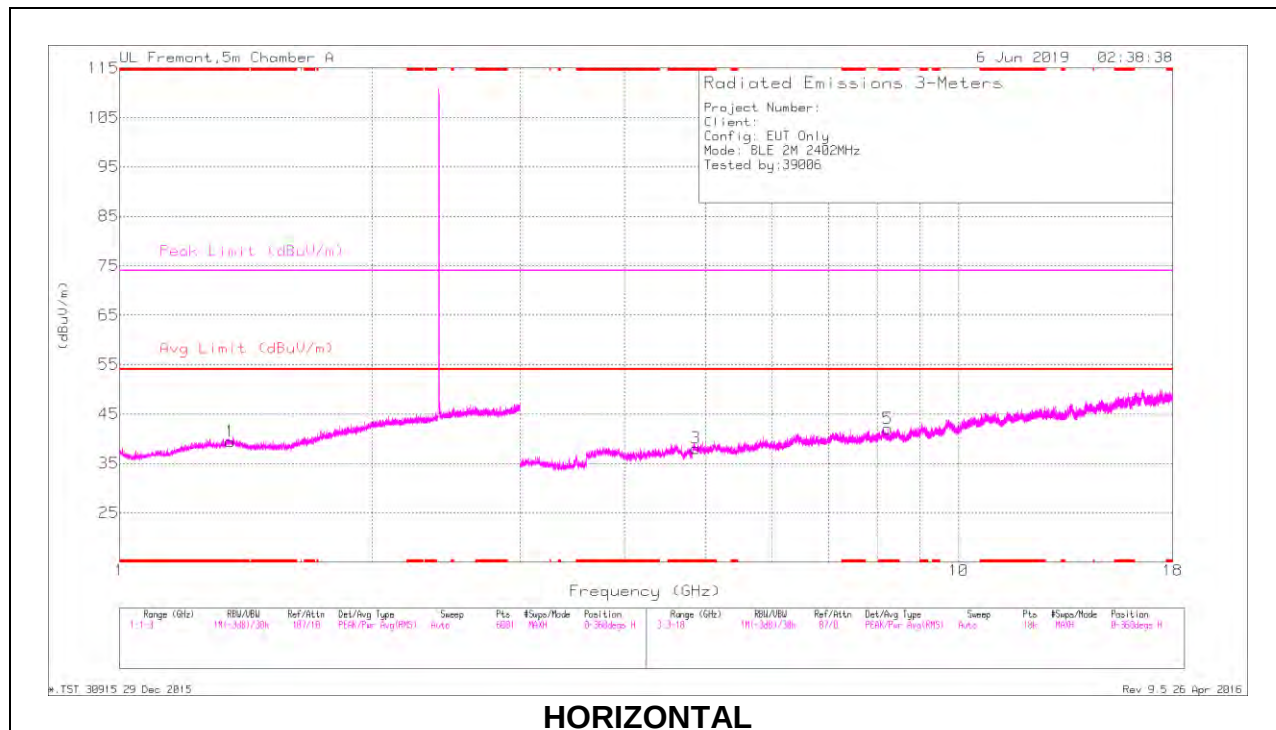
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

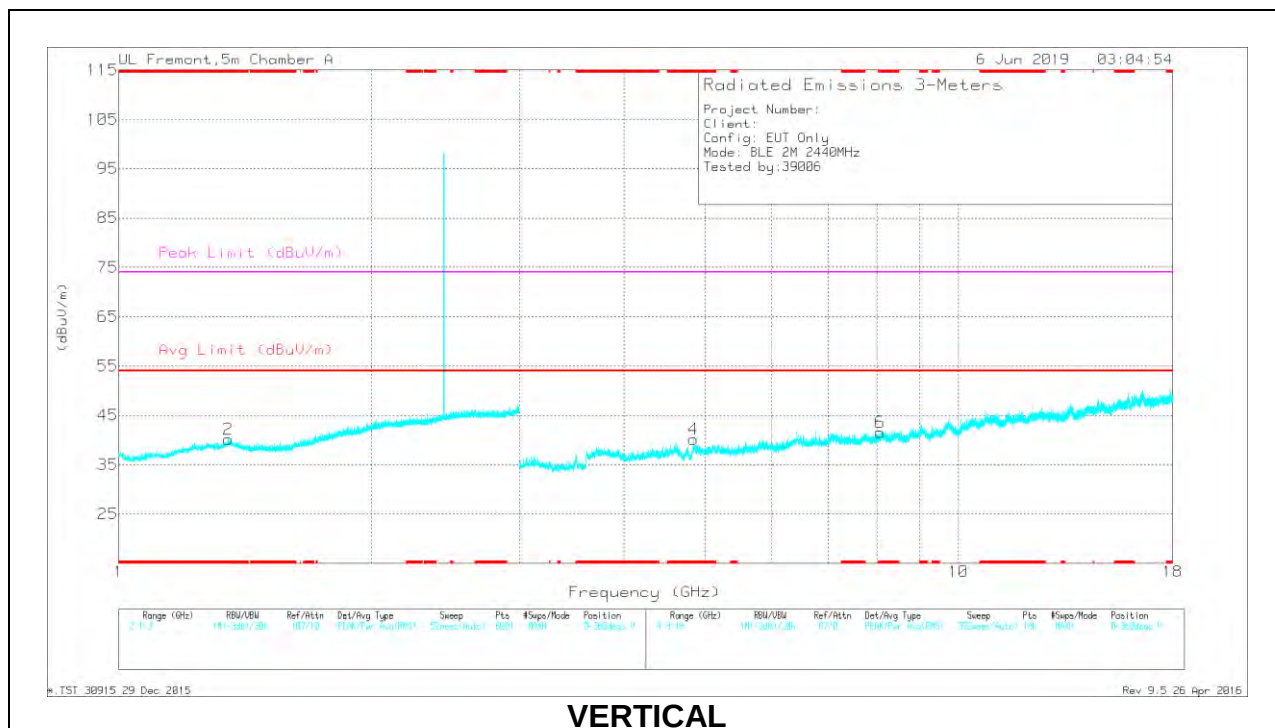
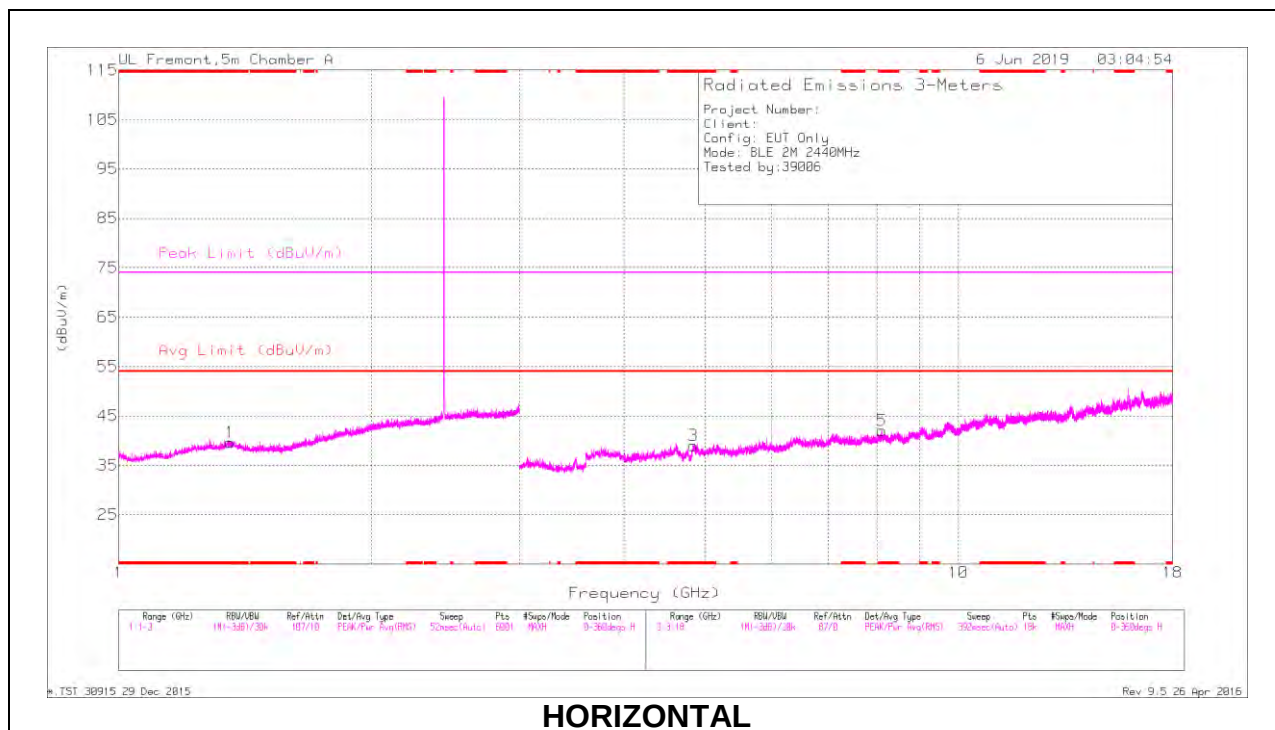
MRKER	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.354	42.47	PK2	29.6	-24.9	47.17	-	-	74	-26.83	29	160	H
	* 1.355	31.73	MAv1	29.6	-25	36.33	54	-17.67	-	-	29	160	H
2	* 1.359	42.23	PK2	29.5	-25	46.73	-	-	74	-27.27	61	140	V
	* 1.361	31.63	MAv1	29.5	-24.9	36.23	54	-17.77	-	-	61	140	V
3	* 4.861	37.54	PK2	34.2	-27.2	44.54	-	-	74	-29.46	156	210	H
	* 4.863	27.82	MAv1	34.2	-27.1	34.92	54	-19.08	-	-	156	210	H
5	* 8.233	34.89	PK2	35.9	-23.4	47.39	-	-	74	-26.61	164	176	H
	* 8.231	24.88	MAv1	35.9	-23.4	37.38	54	-16.62	-	-	164	176	H
4	* 4.849	38.65	PK2	34.2	-27.1	45.75	-	-	74	-28.25	135	136	V
	* 4.85	27.75	MAv1	34.2	-27.1	34.85	54	-19.15	-	-	135	136	V
6	* 8.235	34.94	PK2	35.9	-23.3	47.54	-	-	74	-26.46	110	145	V
	* 8.234	24.78	MAv1	35.9	-23.4	37.28	54	-16.72	-	-	110	145	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

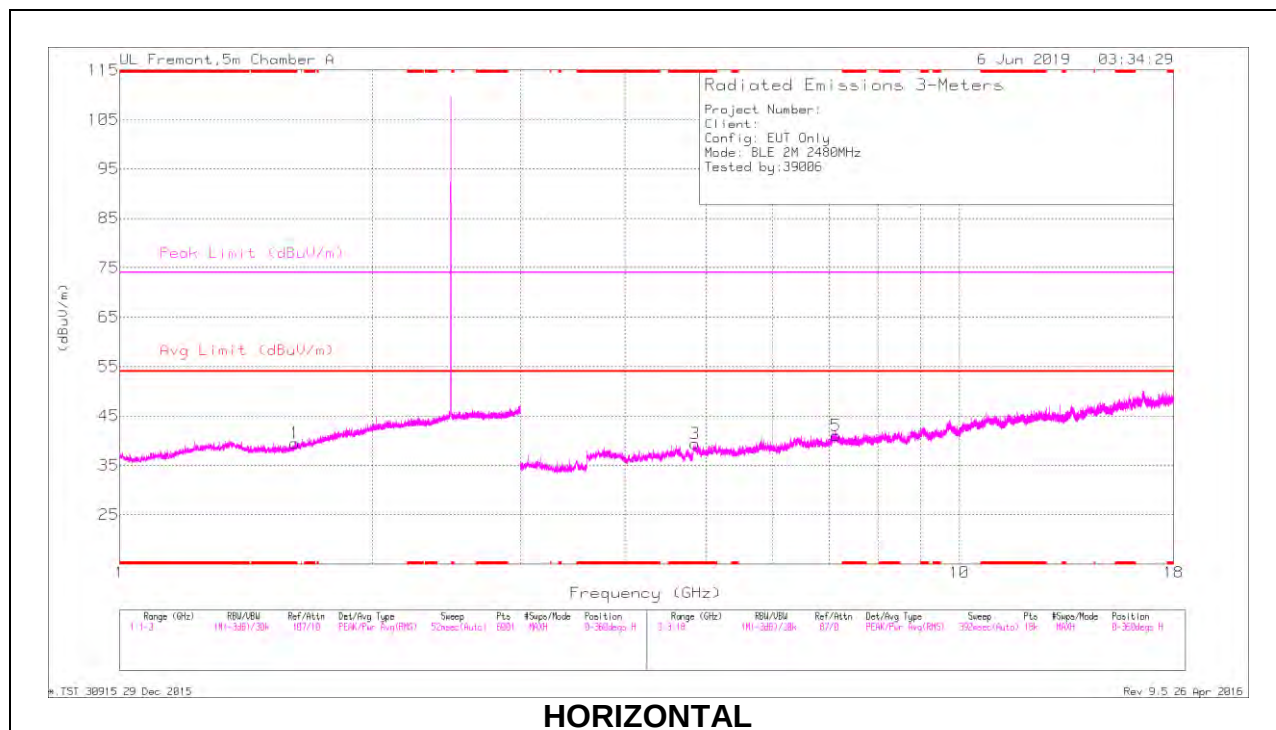
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.356	42.43	PK2	29.6	-25	47.03	-	-	74	-26.97	53	140	H
	* 1.355	31.42	MAv1	29.6	-25	36.02	54	-17.98	-	-	53	140	H
2	* 1.352	42.45	PK2	29.6	-24.9	47.15	-	-	74	-26.85	90	161	V
	* 1.35	31.62	MAv1	29.5	-25	36.12	54	-17.88	-	-	90	161	V
3	* 4.839	38.28	PK2	34.3	-26.9	45.68	-	-	74	-28.32	49	180	H
	* 4.839	27.77	MAv1	34.3	-26.9	35.17	54	-18.83	-	-	49	180	H
5	* 8.114	35.21	PK2	35.8	-22.2	48.81	-	-	74	-25.19	67	210	H
	* 8.114	24.72	MAv1	35.8	-22.2	38.32	54	-15.68	-	-	67	210	H
4	* 4.841	38.61	PK2	34.3	-26.9	46.01	-	-	74	-27.99	83	250	V
	* 4.84	27.9	MAv1	34.3	-26.9	35.3	54	-18.7	-	-	83	250	V
6	* 8.072	34.78	PK2	35.9	-22.9	47.78	-	-	74	-26.22	73	130	V
	* 8.074	24.95	MAv1	35.8	-22.9	37.85	54	-16.15	-	-	73	130	V

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

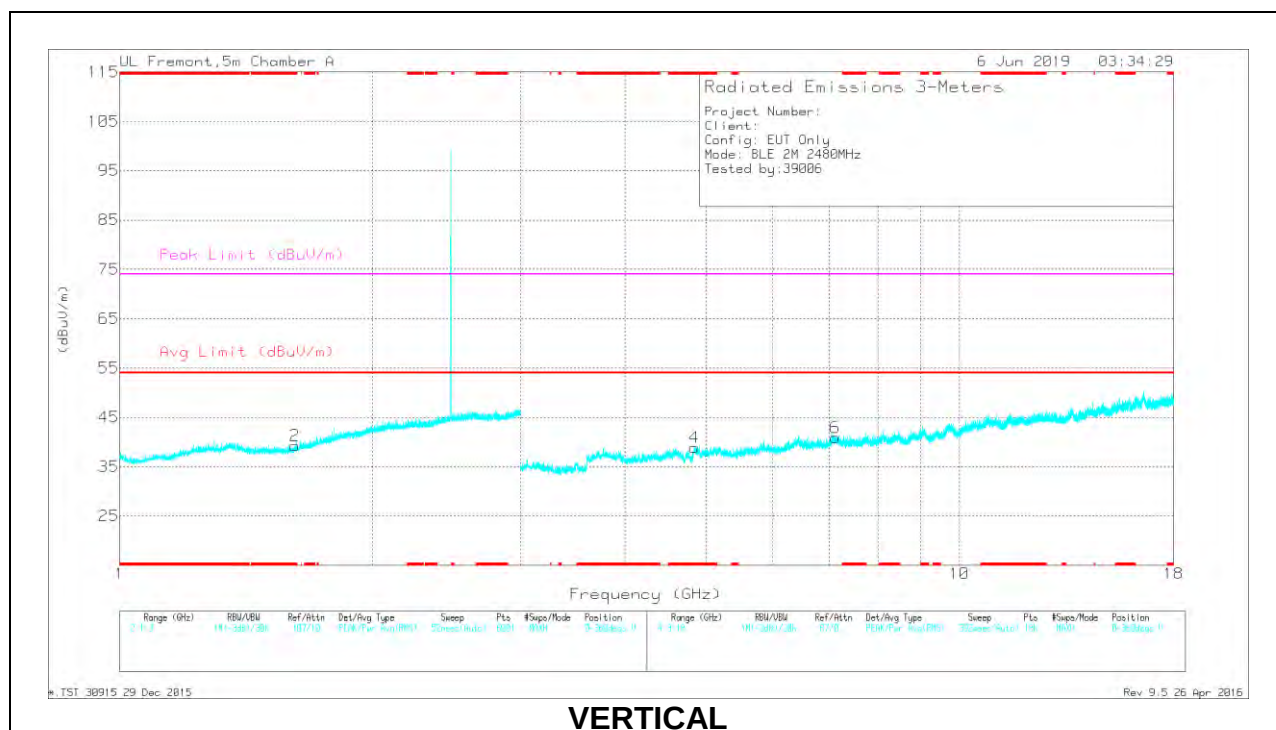
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

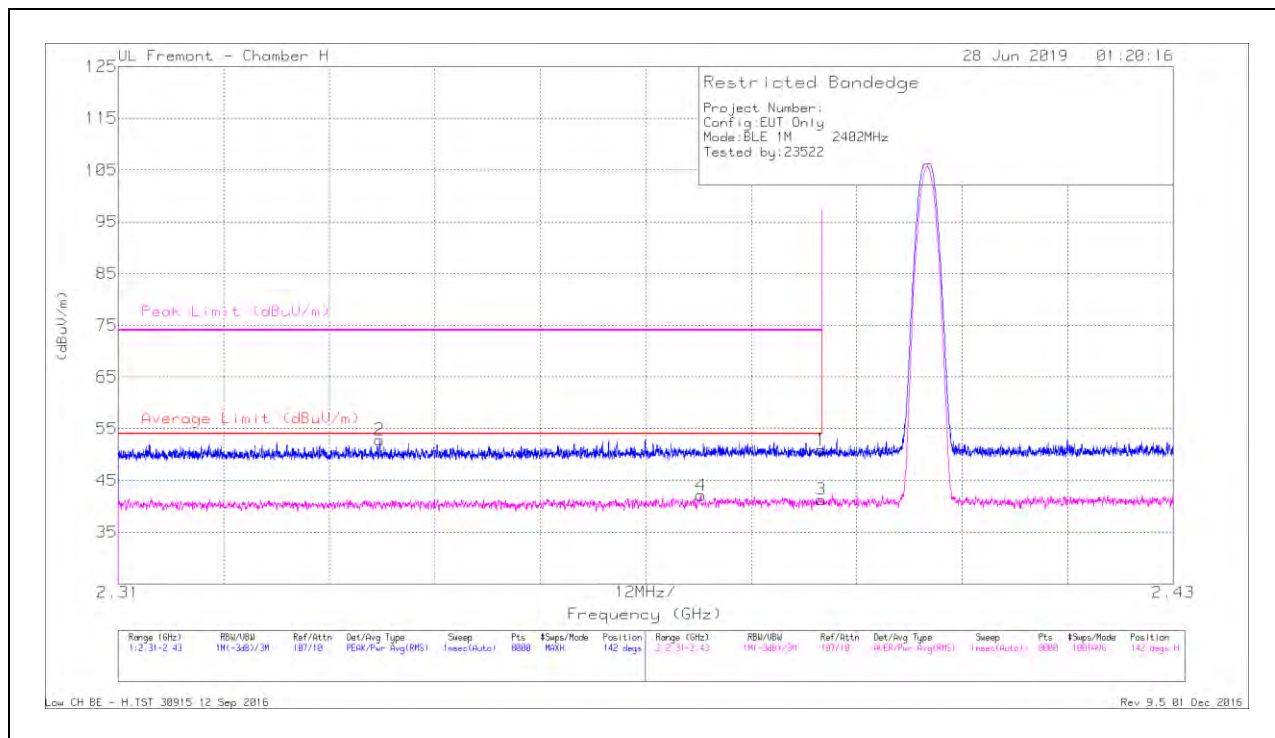
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.617	41.93	PK2	28.3	-24.1	46.13	-	-	74	-27.87	13	150	H
	* 1.616	31.08	MAv1	28.3	-24.1	35.28	54	-18.72	-	-	13	150	H
2	* 1.615	42.06	PK2	28.3	-24.1	46.26	-	-	74	-27.74	61	165	V
	* 1.618	31.32	MAv1	28.3	-24.1	35.52	54	-18.48	-	-	61	165	V
3	* 4.842	38	PK2	34.3	-27	45.3	-	-	74	-28.7	46	190	H
	* 4.845	27.87	MAv1	34.3	-27	35.17	54	-18.83	-	-	46	190	H
4	* 4.833	37.68	PK2	34.3	-26.8	45.18	-	-	74	-28.82	130	250	V
	* 4.833	27.7	MAv1	34.3	-26.9	35.1	54	-18.9	-	-	130	250	V
5	7.119	25.79	MAv1	36.1	-24.1	37.79	-	-	-	-	180	290	V
	7.121	35.31	PK2	36.2	-24	47.51	-	-	-	-	180	290	V
6	7.135	35.5	PK2	36.1	-23.7	47.9	-	-	-	-	150	160	H
	7.135	25.22	MAv1	36.1	-23.7	37.62	-	-	-	-	150	160	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK2 - KDB558074 Method: Maximum Peak

9.2.7. BEAMFORMING, LOW POWER BLE (1Mbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



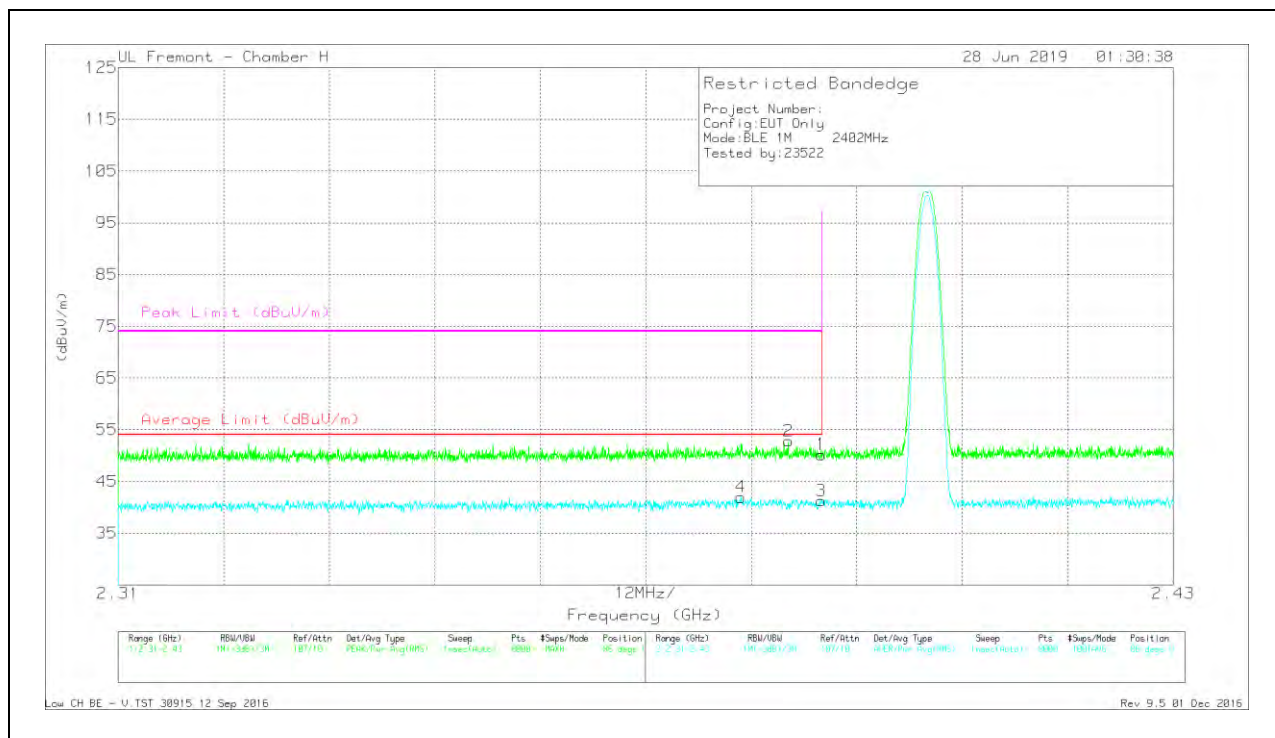
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.32	Pk	32.1	-23.5	50.92	-	-	74	-23.08	142	127	H
2	* 2.34	44.54	Pk	31.9	-23.6	52.84	-	-	74	-21.16	142	127	H
3	* 2.39	32.73	RMS	32.1	-23.5	41.33	54	-12.67	-	-	142	127	H
4	* 2.376	33.52	RMS	32.1	-23.5	42.12	54	-11.88	-	-	142	127	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

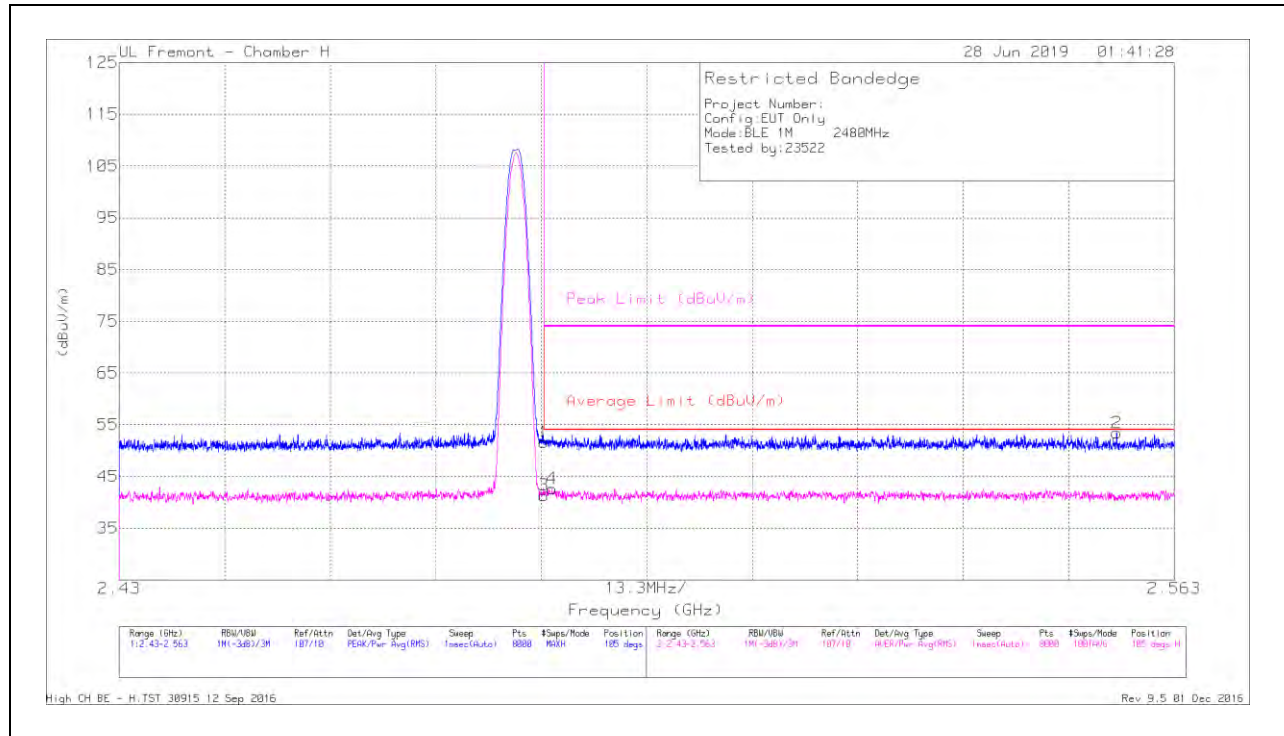


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Ampl/Chl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.58	Pk	32.1	-23.5	50.18	-	-	74	-23.82	86	389	V
2	* 2.386	44.21	Pk	32.1	-23.5	52.81	-	-	74	-21.19	86	389	V
3	* 2.39	32.65	RMS	32.1	-23.5	41.25	54	-12.75	-	-	86	389	V
4	* 2.381	33.26	RMS	32.2	-23.5	41.96	54	-12.04	-	-	86	389	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

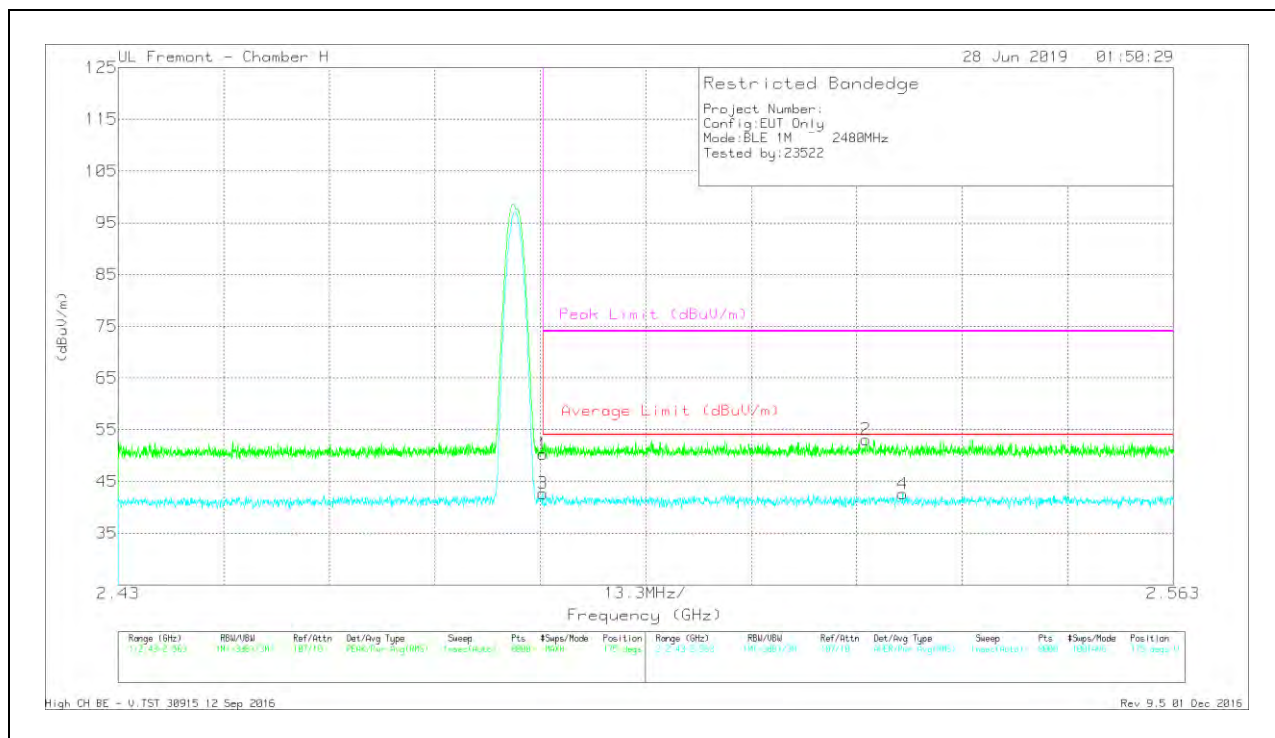
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.41	Pk	32.5	-23.3	51.61	-	-	74	-22.39	105	114	H
3	* 2.484	32.12	RMS	32.5	-23.3	41.32	54	-12.68	-	-	105	114	H
4	* 2.485	33.44	RMS	32.5	-23.3	42.64	54	-11.36	-	-	105	114	H
2	2.556	44.21	Pk	32.4	-23.2	53.41	-	-	74	-20.59	105	114	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 T863 (dB/m)	Ampl/Chl/Filtr/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	41.08	Pk	32.5	-23.3	50.28	-	-	74	-23.72	175	370	V
3	* 2.484	33.48	RMS	32.5	-23.3	42.68	54	-11.32	-	-	175	370	V
2	2.524	43.7	Pk	32.6	-23.2	53.1	-	-	74	-20.9	175	370	V
4	2.529	33.19	RMS	32.6	-23.2	42.59	54	-11.41	-	-	175	370	V

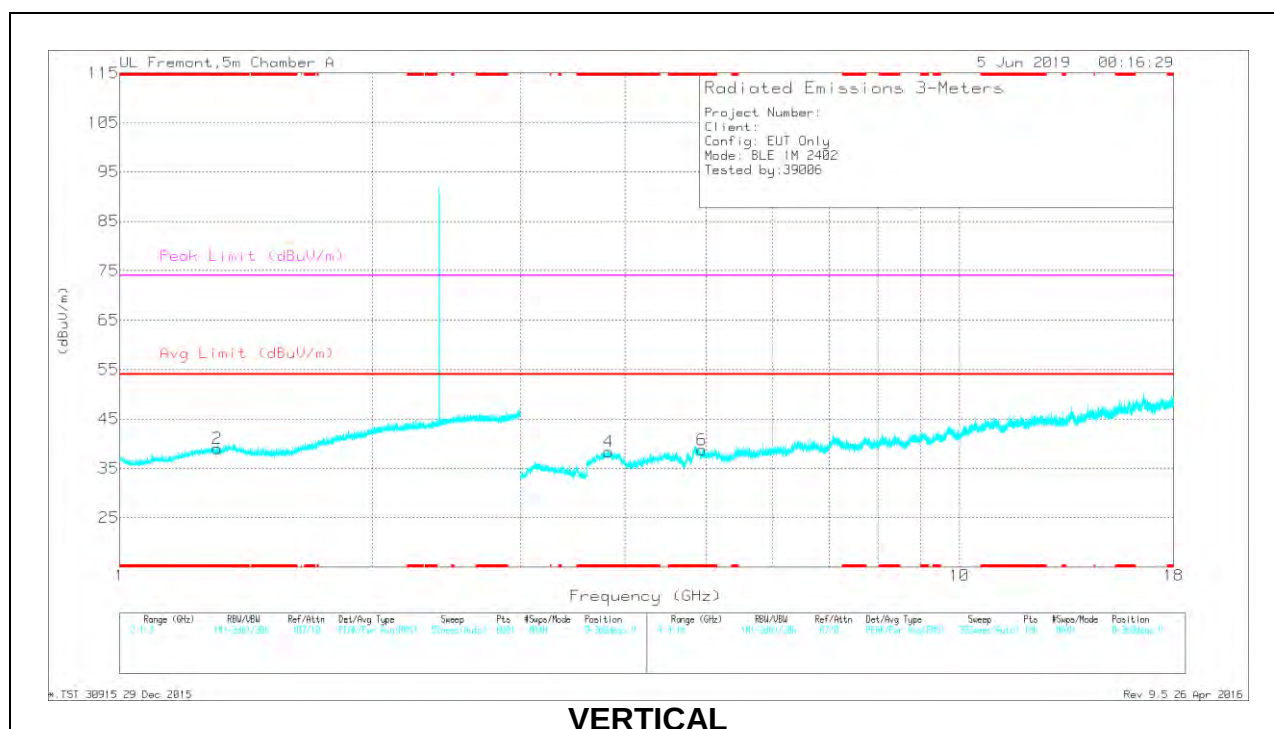
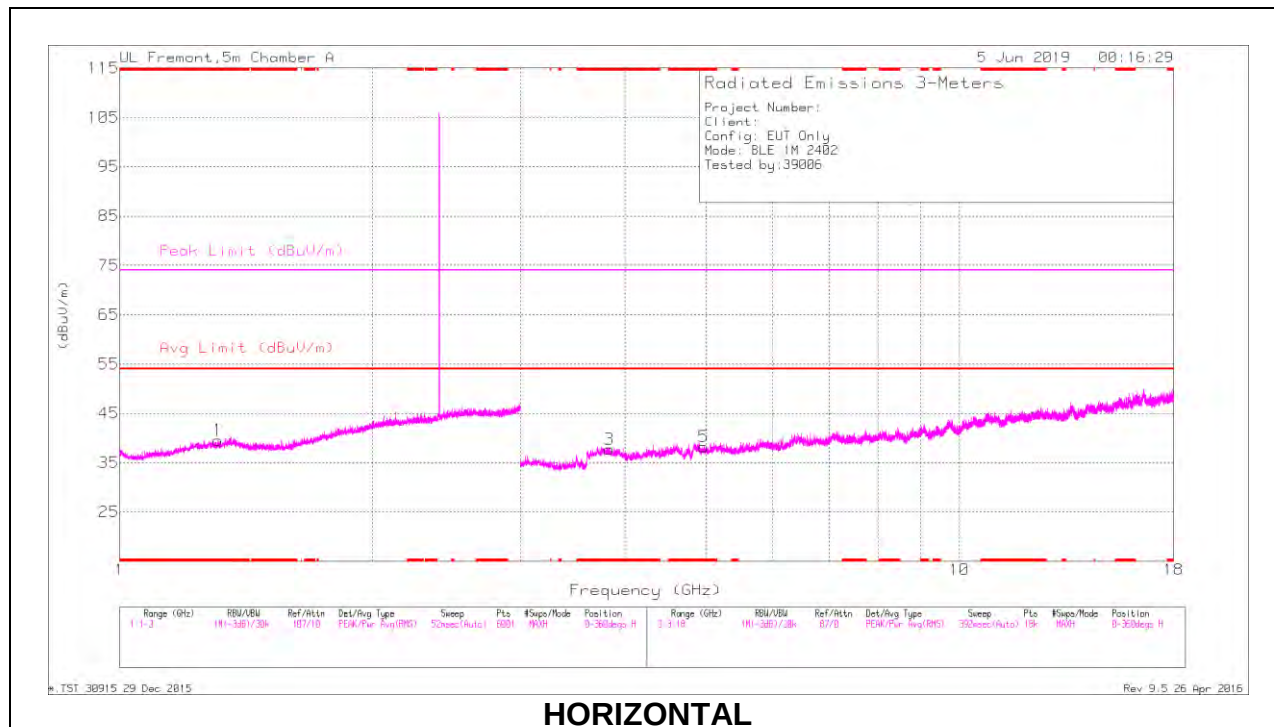
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

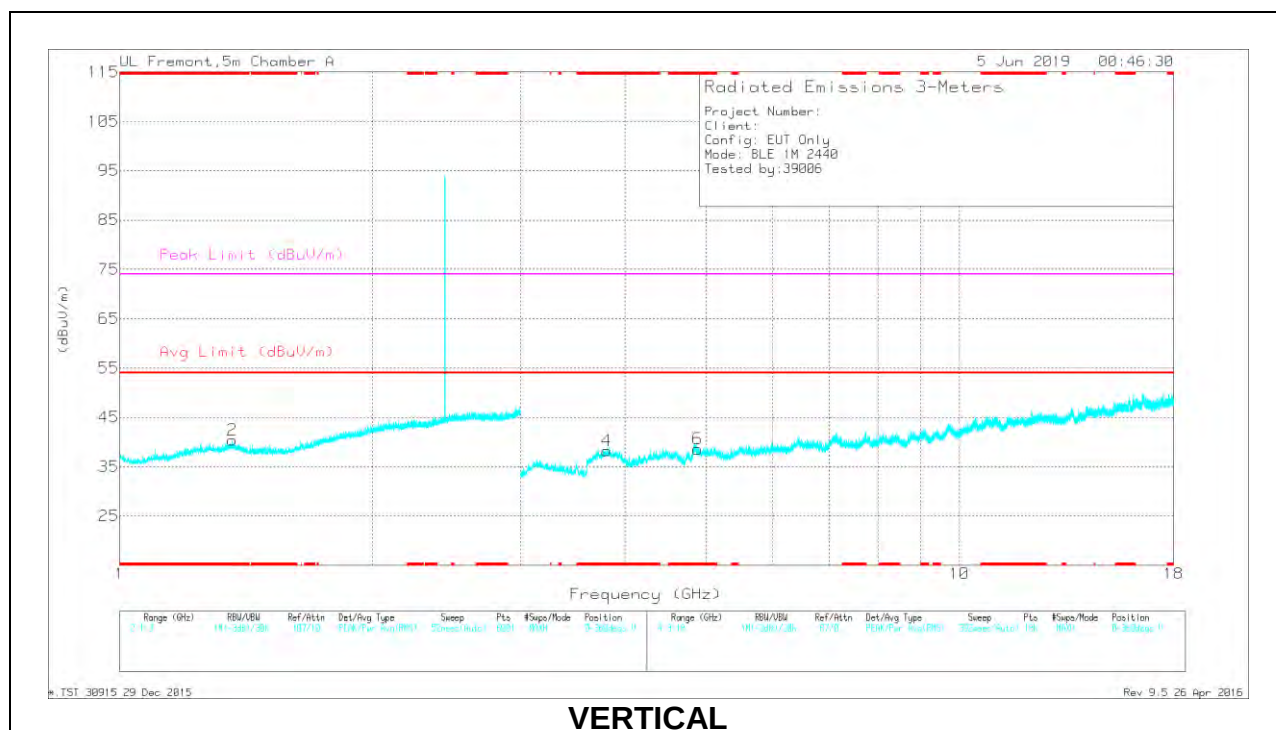
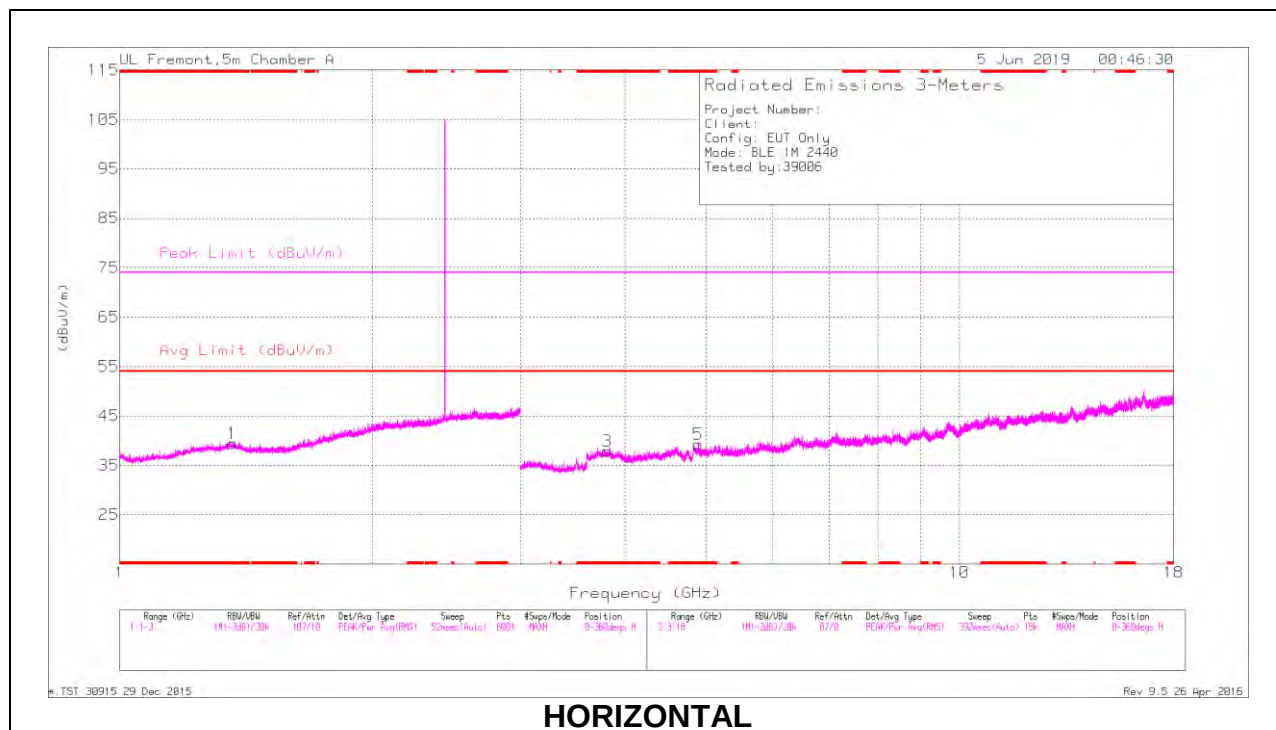
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.309	41.7	PK2	29	-24.9	45.8	-	-	74	-28.2	52.3	150	H
	* 1.31	31.22	MAv1	29	-24.9	35.32	54	-18.68	-	-	52.3	150	H
2	* 1.305	42.15	PK2	28.9	-24.9	46.15	-	-	74	-27.85	61	143	V
	* 1.306	31.18	MAv1	29	-25	35.18	54	-18.82	-	-	61	143	V
3	* 3.828	39.58	PK2	33.7	-28.8	44.48	-	-	74	-29.52	72.6	156	H
	* 3.83	29.47	MAv1	33.7	-28.9	34.27	54	-19.73	-	-	72.6	156	H
5	* 4.962	38.48	PK2	34.2	-27.9	44.78	-	-	74	-29.22	87	165	H
	* 4.96	28.66	MAv1	34.2	-27.9	34.96	54	-19.04	-	-	87	165	H
4	* 3.819	40.15	PK2	33.7	-29.2	44.65	-	-	74	-29.35	53.6	170	V
	* 3.82	29.63	MAv1	33.7	-29.2	34.13	54	-19.87	-	-	53.6	170	V
6	* 4.939	38.13	PK2	34.2	-27.8	44.53	-	-	74	-29.47	42	155	V
	* 4.937	28.23	MAv1	34.2	-27.8	34.63	54	-19.37	-	-	42	155	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

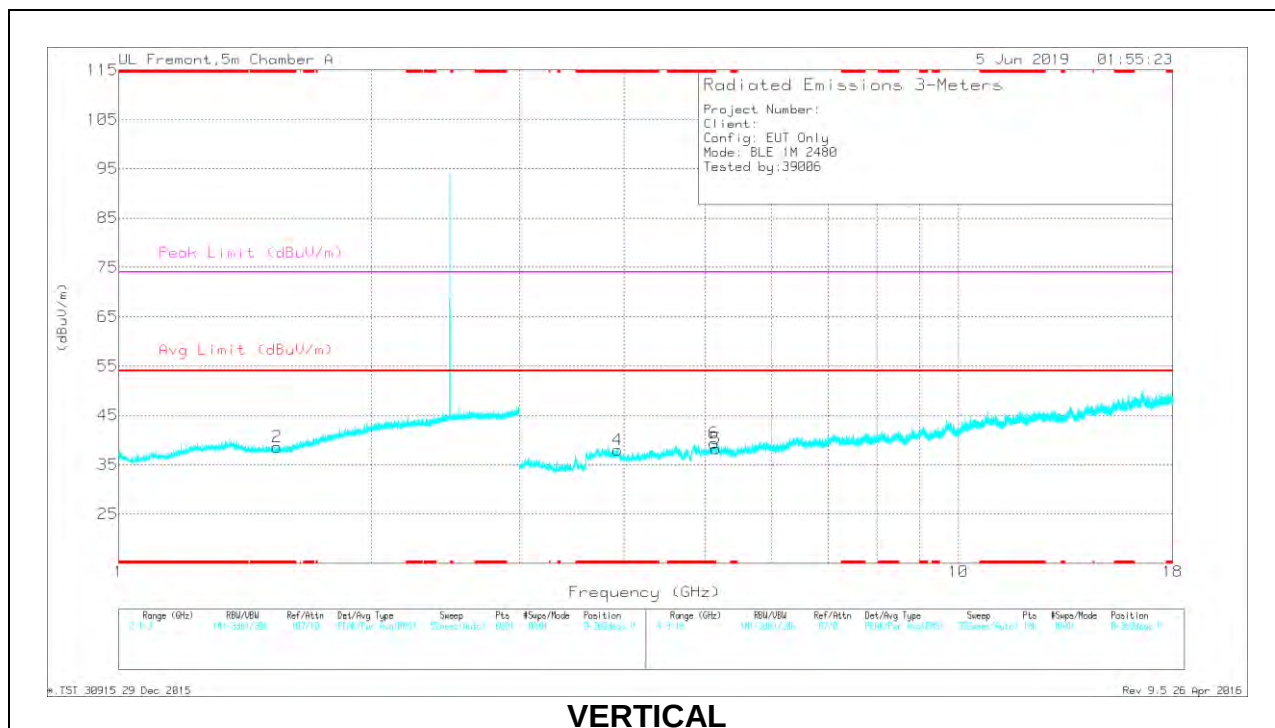
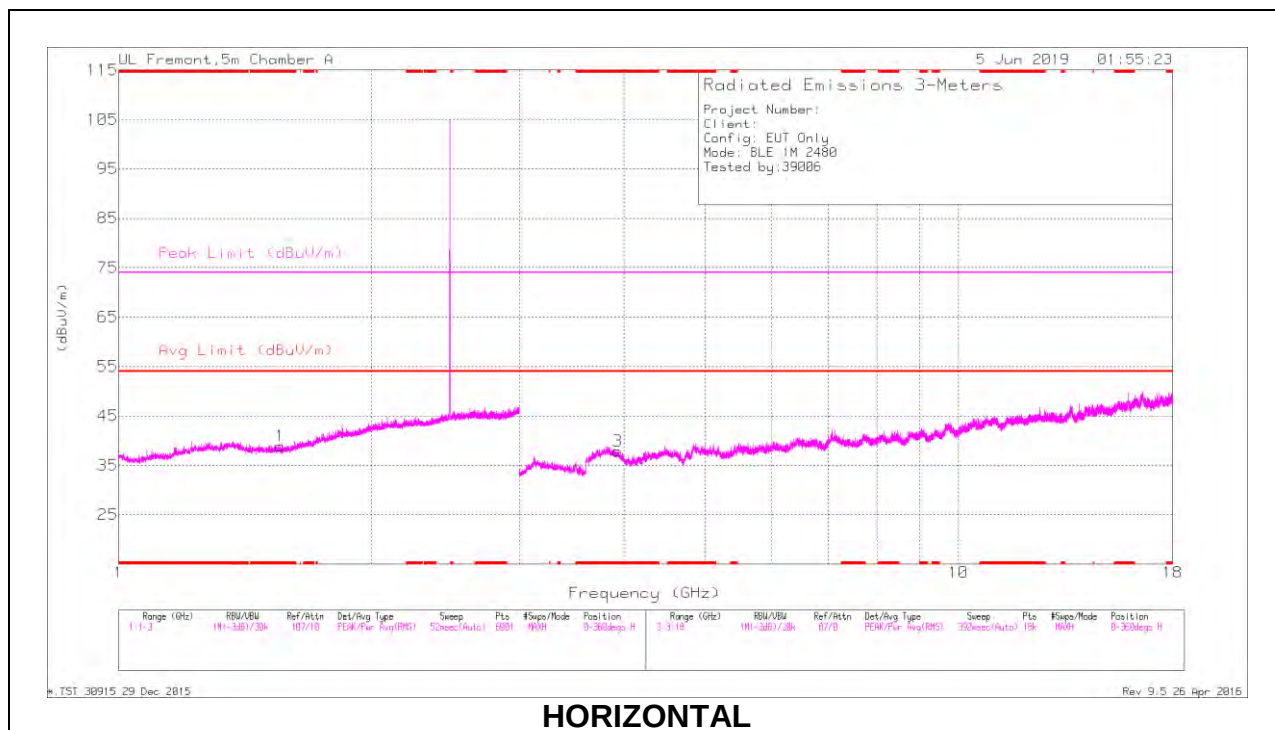
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.364	41.66	PK2	29.6	-25	46.26	-	-	74	-27.74	60	150	H
	* 1.364	31.41	MAv1	29.6	-25	36.01	54	-17.99	-	-	60	150	H
2	* 1.362	42.03	PK2	29.6	-24.9	46.73	-	-	74	-27.27	70	190	V
	* 1.361	31.33	MAv1	29.5	-24.9	35.93	54	-18.07	-	-	70	190	V
3	* 3.808	39.74	PK2	33.7	-29.1	44.34	-	-	74	-29.66	60	160	H
	* 3.808	29.59	MAv1	33.7	-29.1	34.19	54	-19.81	-	-	60	160	H
5	* 4.884	37.42	PK2	34.1	-26.8	44.72	-	-	74	-29.28	20	110	H
	* 4.885	27.48	MAv1	34.1	-26.8	34.78	54	-19.22	-	-	20	110	H
4	* 3.8	39.73	PK2	33.7	-29.3	44.13	-	-	74	-29.87	65	130	V
	* 3.8	29.74	MAv1	33.7	-29.3	34.14	54	-19.86	-	-	65	130	V
6	* 4.876	37.54	PK2	34.2	-26.8	44.94	-	-	74	-29.06	45	140	V
	* 4.876	27.45	MAv1	34.2	-26.8	34.85	54	-19.15	-	-	45	140	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 T346 (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	* 1.558	42.17	PK2	28	-24.4	45.77	-	-	74	-28.23	200	150	H
	* 1.557	31.21	MAv1	28.1	-24.4	34.91	54	-19.09	-	-	200	150	H
2	* 1.543	42.01	PK2	28.2	-24.4	45.81	-	-	74	-28.19	250	170	V
	* 1.543	31.12	MAv1	28.2	-24.4	34.92	54	-19.08	-	-	250	170	V
3	* 3.93	39.41	PK2	33.6	-28.9	44.11	-	-	74	-29.89	310	189	H
	* 3.931	29.49	MAv1	33.6	-28.9	34.19	54	-19.81	-	-	310	189	H
4	* 3.934	40.01	PK2	33.6	-28.8	44.81	-	-	74	-29.19	325	123	V
	* 3.931	29.49	MAv1	33.6	-28.9	34.19	54	-19.81	-	-	325	123	V
5	* 5.143	37.53	PK2	34.5	-27.2	44.83	-	-	74	-29.17	275	115	V
	* 5.142	27.52	MAv1	34.5	-27.2	34.82	54	-19.18	-	-	275	115	V
6	* 5.123	37.98	PK2	34.6	-27.2	45.38	-	-	74	-28.62	150	200	V
	* 5.124	28.1	MAv1	34.6	-27.2	35.5	54	-18.5	-	-	150	200	V

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

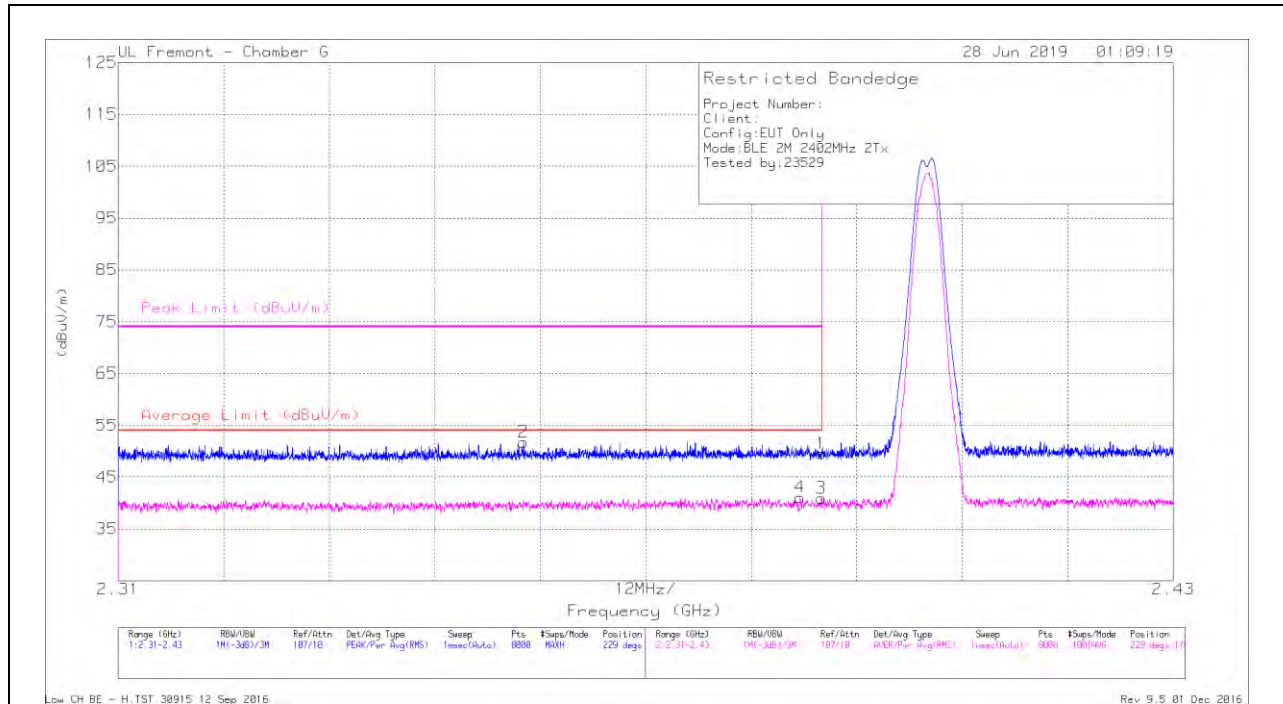
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.8. BEAMFORMING, LOW POWER BLE (2Mbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



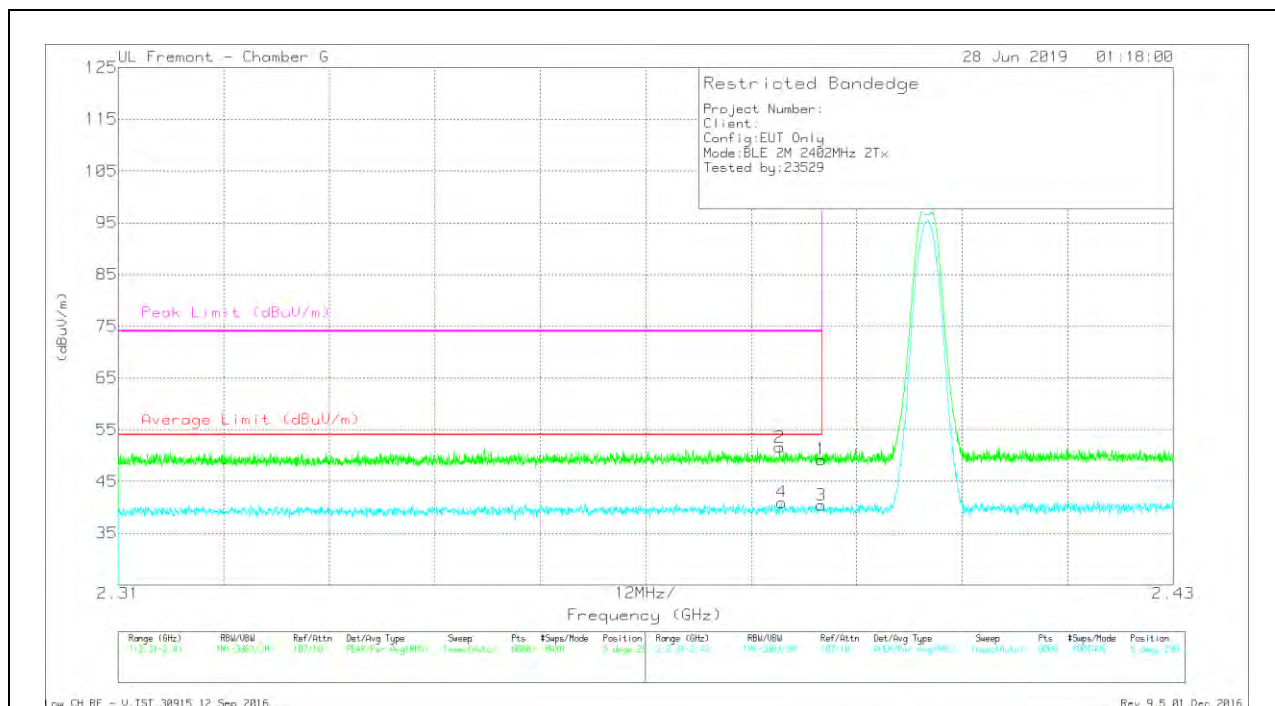
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dBm)	Ampl/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.83	Pk	31.9	-22.2	49.53	-	-	74	-24.47	229	170	H
2	* 2.356	42.25	Pk	31.7	-22.2	51.75	-	-	74	-22.25	229	170	H
3	* 2.39	31.23	RMS	31.9	-22.2	40.93	54	-13.07	-	-	229	170	H
4	* 2.388	31.39	RMS	31.9	-22.2	41.09	54	-12.91	-	-	229	170	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



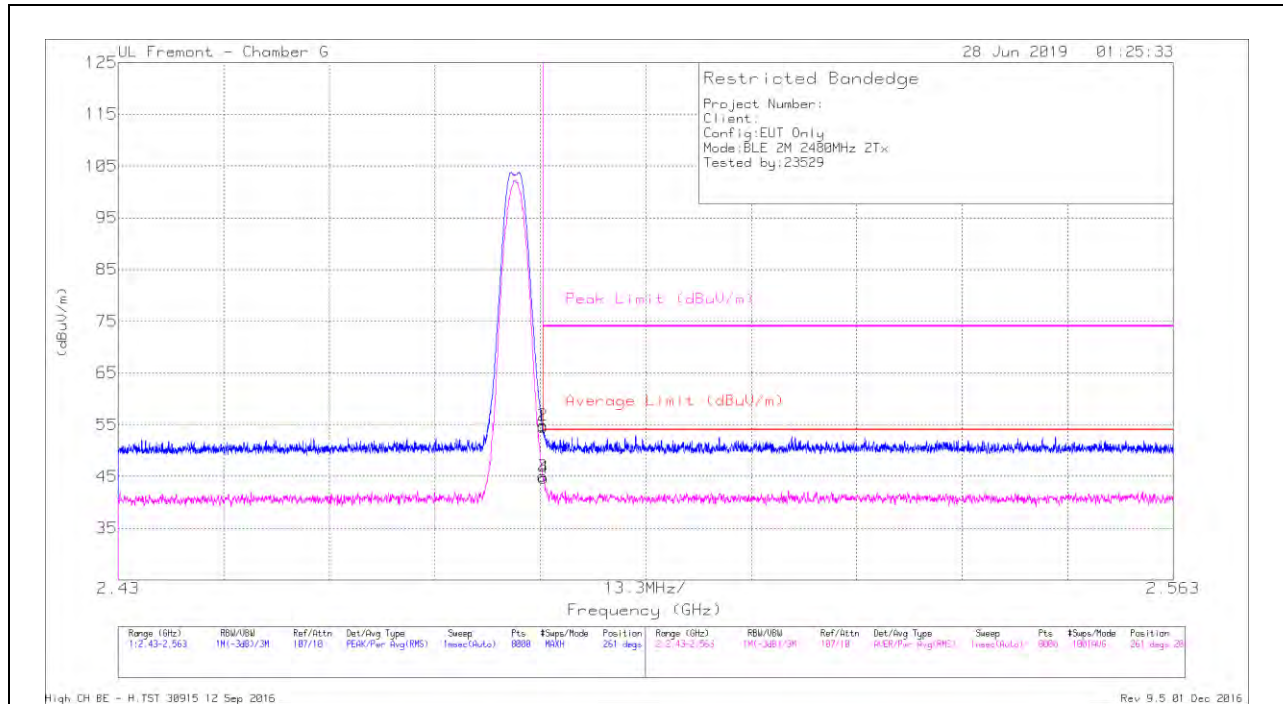
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.52	Pk	31.9	-22.2	49.22	-	-	74	-24.78	5	290	V
2	* 2.385	41.89	Pk	31.9	-22.2	51.59	-	-	74	-22.41	5	290	V
3	* 2.39	30.71	RMS	31.9	-22.2	40.41	54	-13.59	-	-	5	290	V
4	* 2.385	31.27	RMS	31.9	-22.2	40.97	54	-13.03	-	-	5	290	V

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

Pk - Peak detector

RMS - RMS detection

Low CH BE - V.TST 30915 12 Sep 2016

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

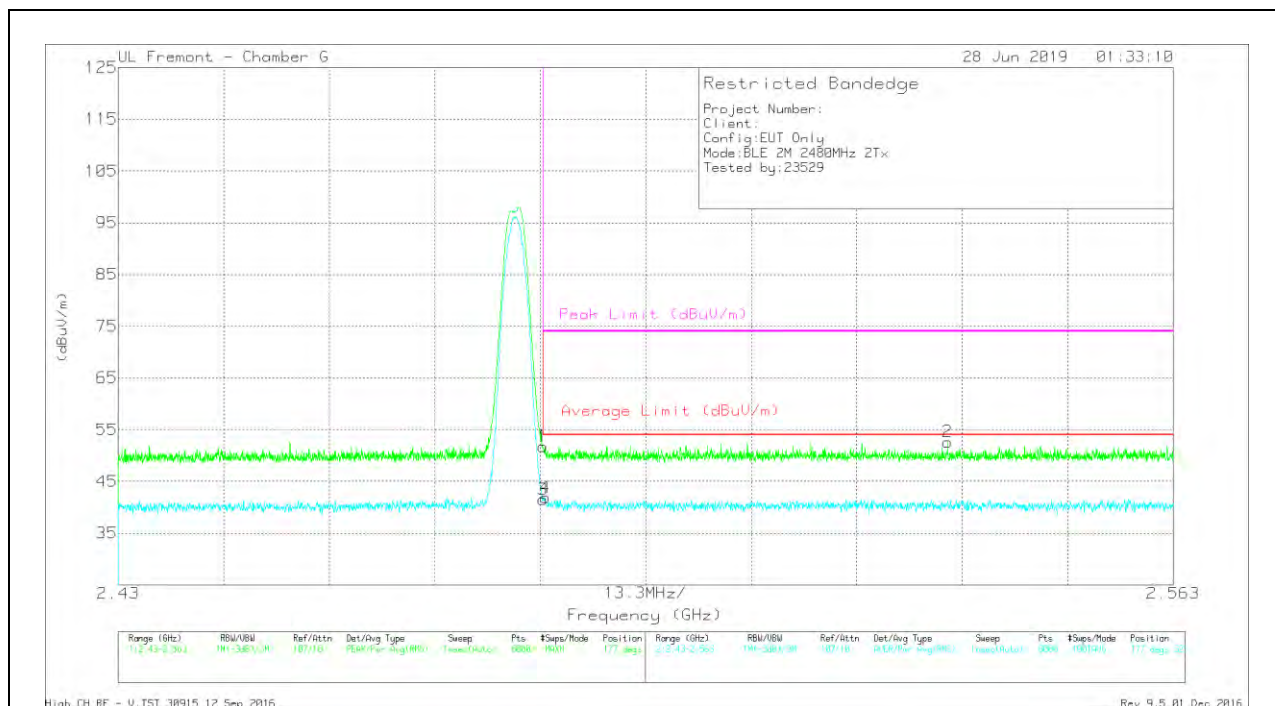
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.3	Pk	32.4	-22.1	54.6	-	-	74	-19.4	261	201	H
2	* 2.484	44.56	Pk	32.4	-22.1	54.86	-	-	74	-19.14	261	201	H
3	* 2.484	34.72	RMS	32.4	-22.1	45.02	54	-8.98	-	-	261	201	H
4	* 2.484	34.39	RMS	32.4	-22.1	44.69	54	-9.31	-	-	261	201	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 T120 (dB/m)	Ampl/Cbl/Filtr/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	41.49	Pk	32.4	-22.1	51.79	-	-	74	-22.21	177	325	V
3	* 2.484	31.19	RMS	32.4	-22.1	41.49	54	-12.51	-	-	177	325	V
4	* 2.484	31.55	RMS	32.4	-22.1	41.85	54	-12.15	-	-	177	325	V
2	2.535	42.45	Pk	32.4	-22.2	52.65	-	-	74	-21.35	177	325	V

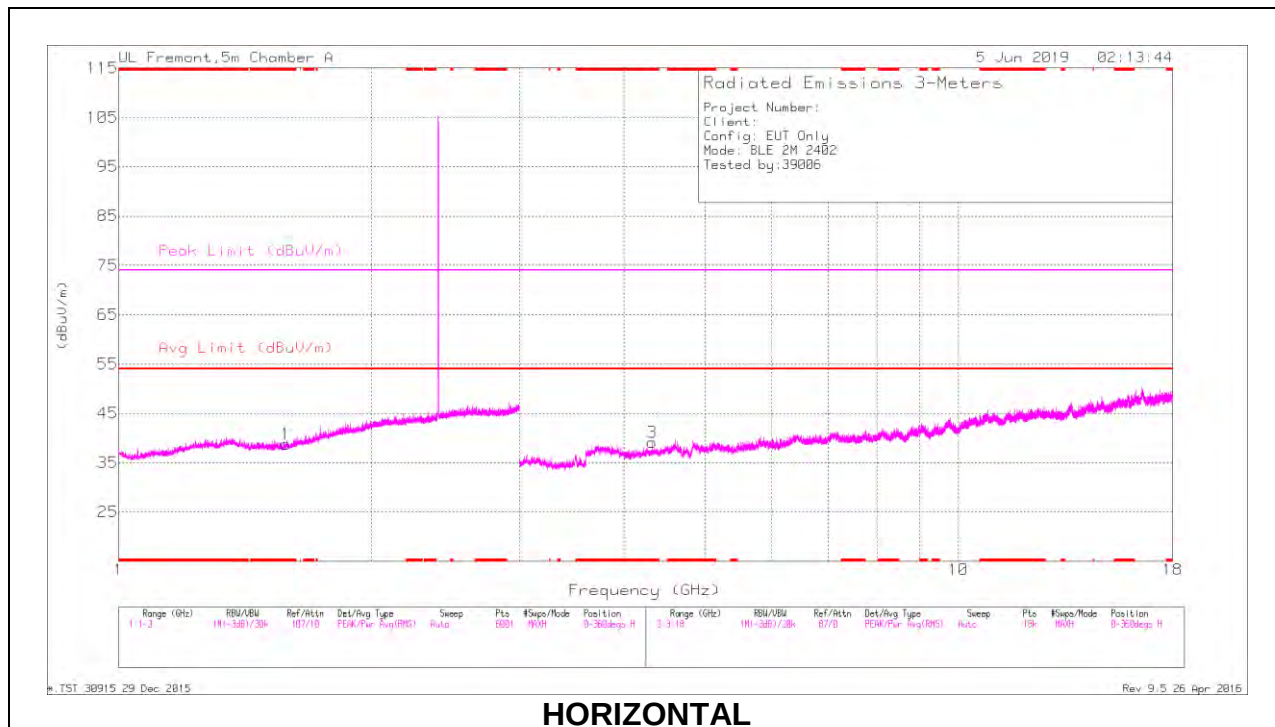
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

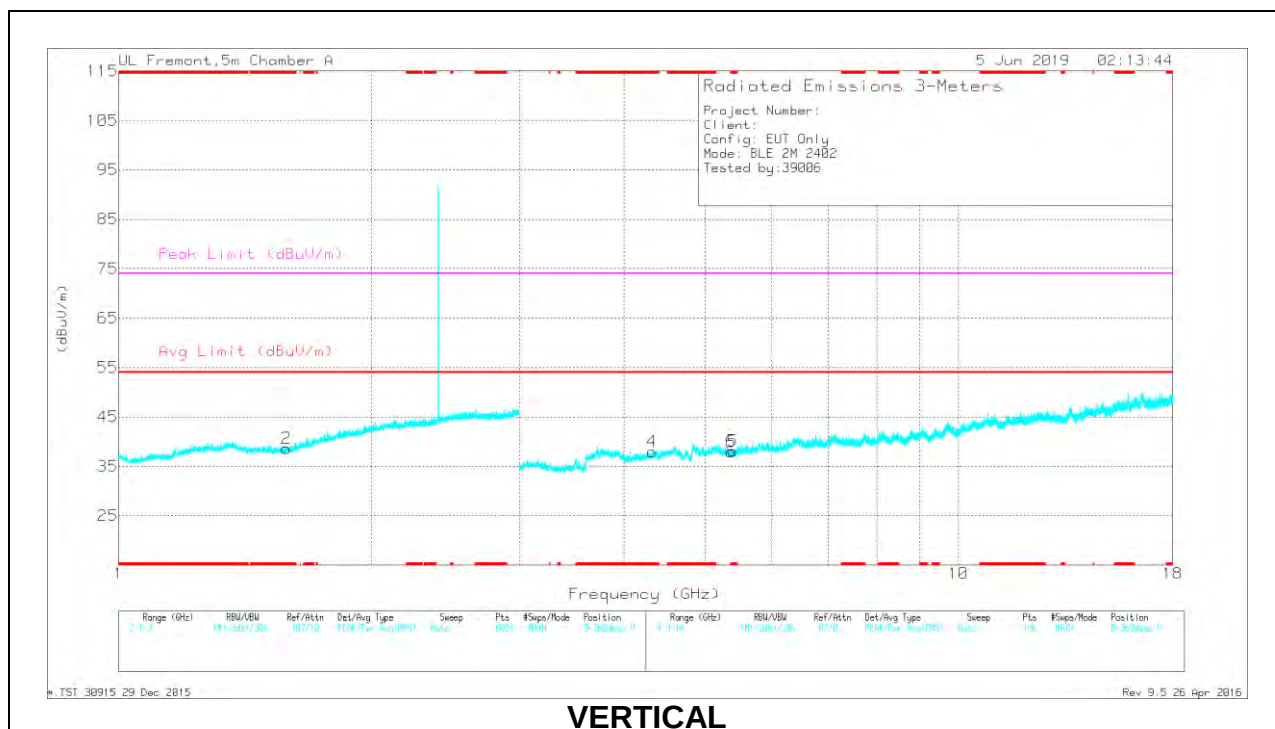
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

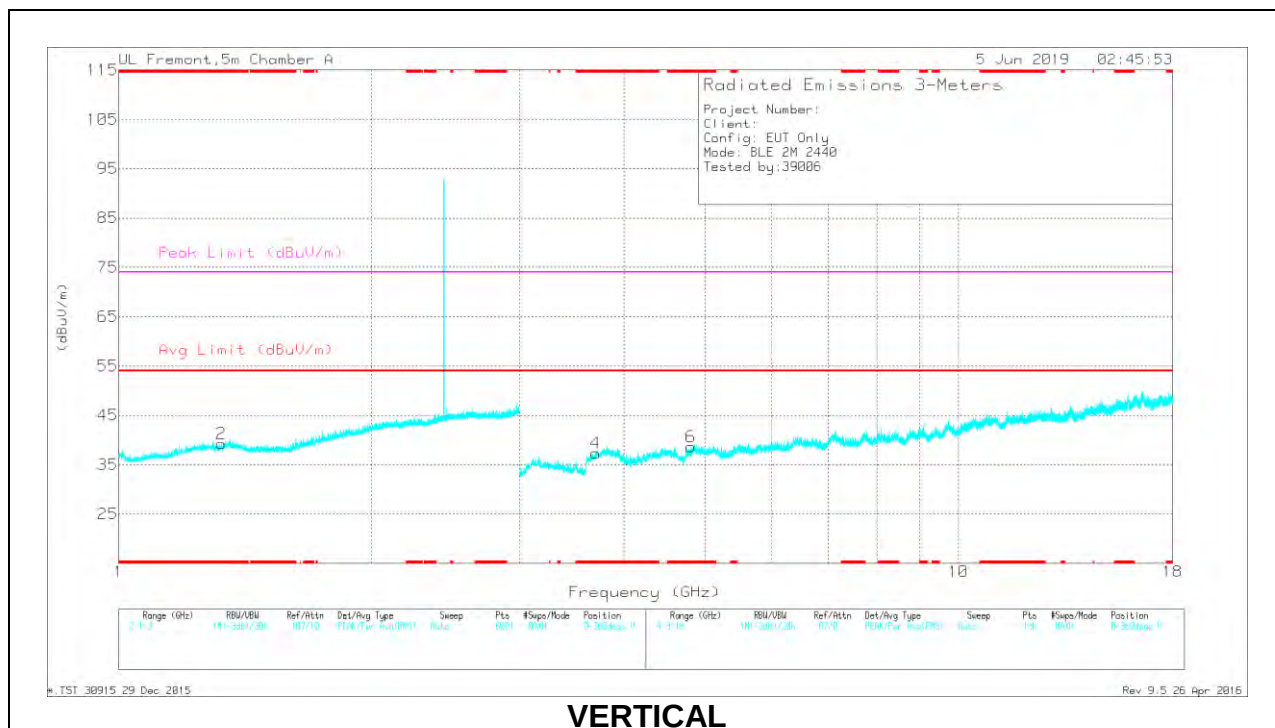
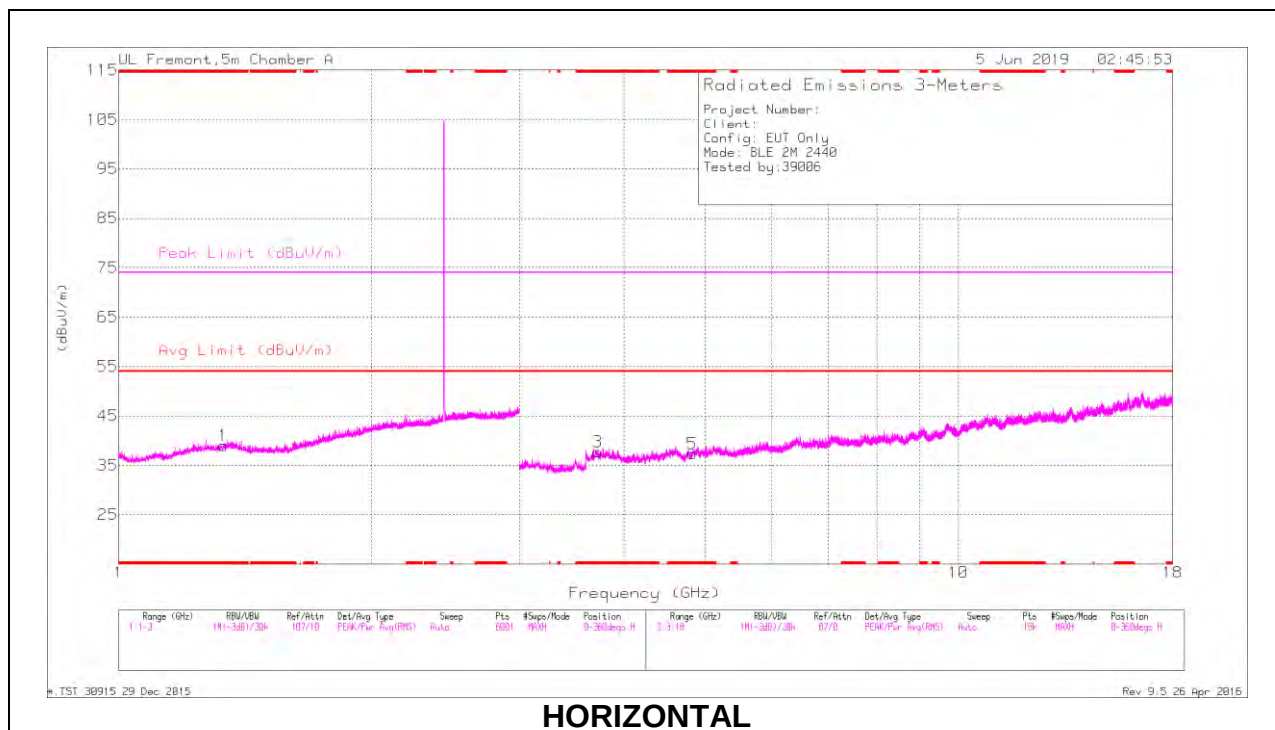
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.584	41.7	PK2	28.1	-24.3	45.5	-	-	74	-28.5	60	150	H
	* 1.581	31.2	MAv1	28.1	-24.2	35.1	54	-18.9	-	-	60	150	H
2	* 1.584	41.77	PK2	28.1	-24.3	45.57	-	-	74	-28.43	86	155	V
	* 1.585	31.22	MAv1	28.1	-24.3	35.02	54	-18.98	-	-	86	155	V
3	* 4.323	39.25	PK2	33.6	-28.2	44.65	-	-	74	-29.35	97	160	H
	* 4.323	28.91	MAv1	33.6	-28.2	34.31	54	-19.69	-	-	97	160	H
4	* 4.32	39.43	PK2	33.6	-28.2	44.83	-	-	74	-29.17	130	115	V
	* 4.322	28.85	MAv1	33.6	-28.2	34.25	54	-19.75	-	-	130	115	V
5	* 5.391	37.82	PK2	34.9	-27.6	45.12	-	-	74	-28.88	40	146	V
	* 5.391	27.31	MAv1	34.9	-27.6	34.61	54	-19.39	-	-	40	146	V
6	* 5.359	37.8	PK2	35	-27.8	45	-	-	74	-29	66	130	V
	* 5.359	27.4	MAv1	35	-27.8	34.6	54	-19.4	-	-	66	130	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



RADIATED EMISSIONS

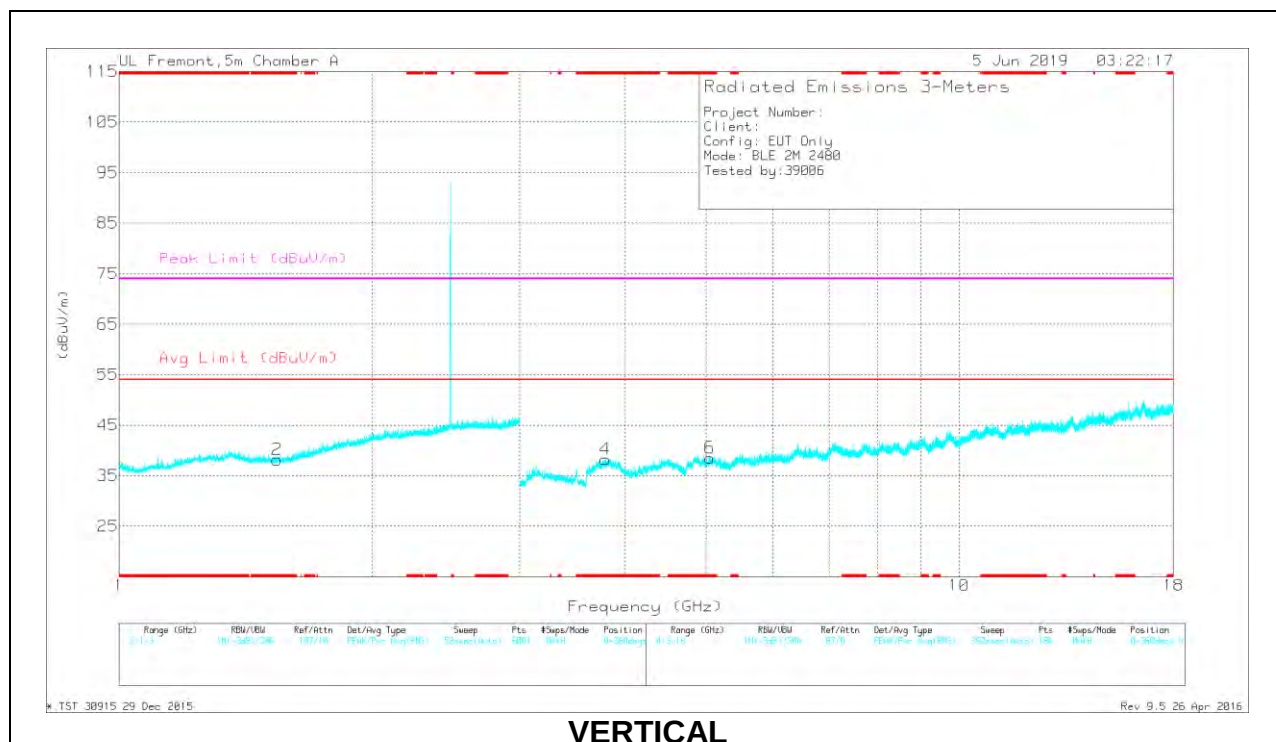
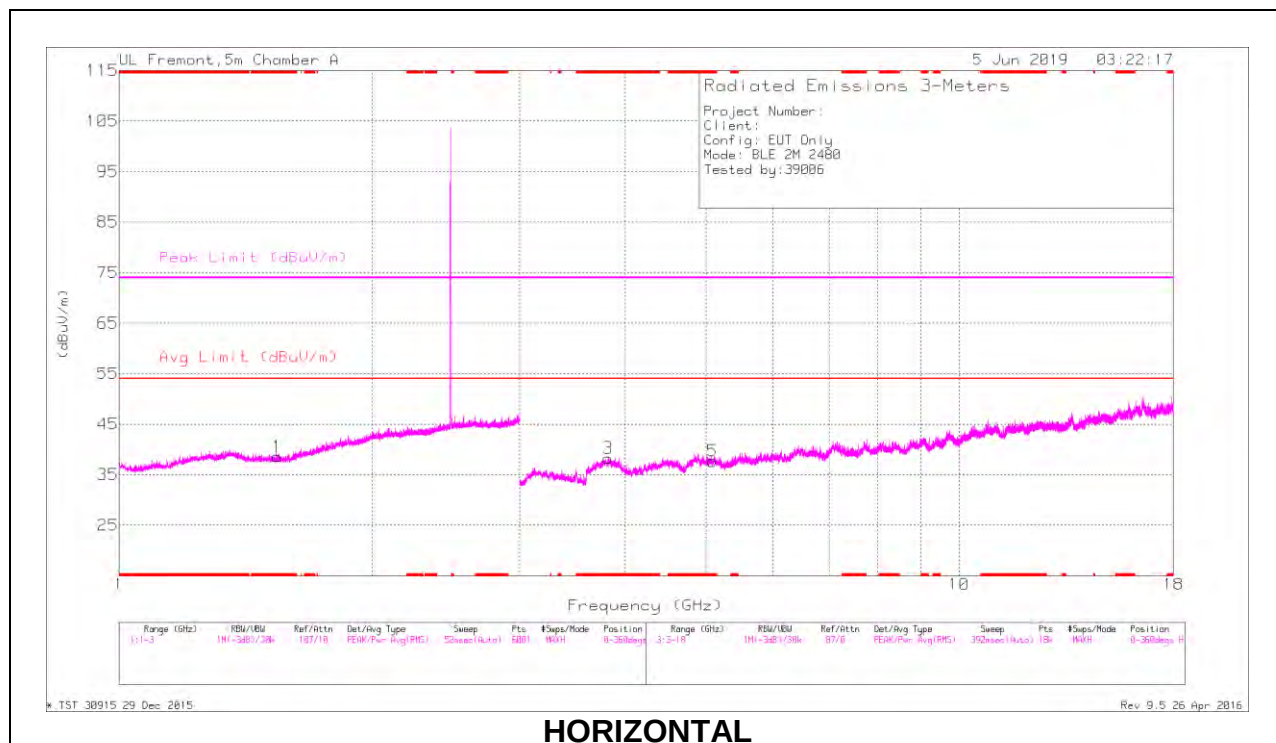
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.331	42.3	PK2	29	-25	46.3	-	-	74	-27.7	65	150	H
	* 1.333	31.39	MAv1	29.1	-25	35.49	54	-18.51	-	-	65	150	H
2	* 1.323	42.67	PK2	29.1	-24.9	46.87	-	-	74	-27.13	86	155	V
	* 1.326	31.29	MAv1	29.1	-24.9	35.49	54	-18.51	-	-	86	155	V
3	* 3.716	38.98	PK2	33.3	-28.6	43.68	-	-	74	-30.32	110	140	H
	* 3.717	29.25	MAv1	33.3	-28.6	33.95	54	-20.05	-	-	110	140	H
5	* 4.82	37.86	PK2	34.4	-27	45.26	-	-	74	-28.74	130	165	H
	* 4.82	27.43	MAv1	34.4	-27	34.83	54	-19.17	-	-	130	165	H
4	* 3.701	39.9	PK2	33.2	-28.6	44.5	-	-	74	-29.5	180	190	V
	* 3.703	29.42	MAv1	33.2	-28.6	34.02	54	-19.98	-	-	180	190	V
6	* 4.802	37.26	PK2	34.3	-27.5	44.06	-	-	74	-29.94	42	160	V
	* 4.803	27.51	MAv1	34.3	-27.5	34.31	54	-19.69	-	-	42	160	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 T346 (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	* 1.542	42.13	PK2	28.2	-24.4	45.93	-	-	74	-28.07	80	115	H
	* 1.544	31.56	MAv1	28.2	-24.4	35.36	54	-18.64	-	-	80	115	H
2	* 1.541	41.44	PK2	28.1	-24.4	45.14	-	-	74	-28.86	60	160	V
	* 1.54	31.37	MAv1	28.1	-24.4	35.07	54	-18.93	-	-	60	160	V
3	* 3.825	40.2	PK2	33.7	-29	44.9	-	-	74	-29.1	42	130	H
	* 3.826	30.06	MAv1	33.7	-29	34.76	54	-19.24	-	-	42	130	H
5	* 5.086	38.76	PK2	34.4	-27.8	45.36	-	-	74	-28.64	53	141	H
	* 5.084	28.39	MAv1	34.4	-28	34.79	54	-19.21	-	-	53	141	H
4	* 3.792	39.34	PK2	33.7	-29.2	43.84	-	-	74	-30.16	94	150	V
	* 3.793	29.37	MAv1	33.7	-29.2	33.87	54	-20.13	-	-	94	150	V
6	* 5.051	39.88	PK2	34.3	-28.2	45.98	-	-	74	-28.02	66	153	V
	* 5.05	29.11	MAv1	34.3	-28.2	35.21	54	-18.79	-	-	66	153	V

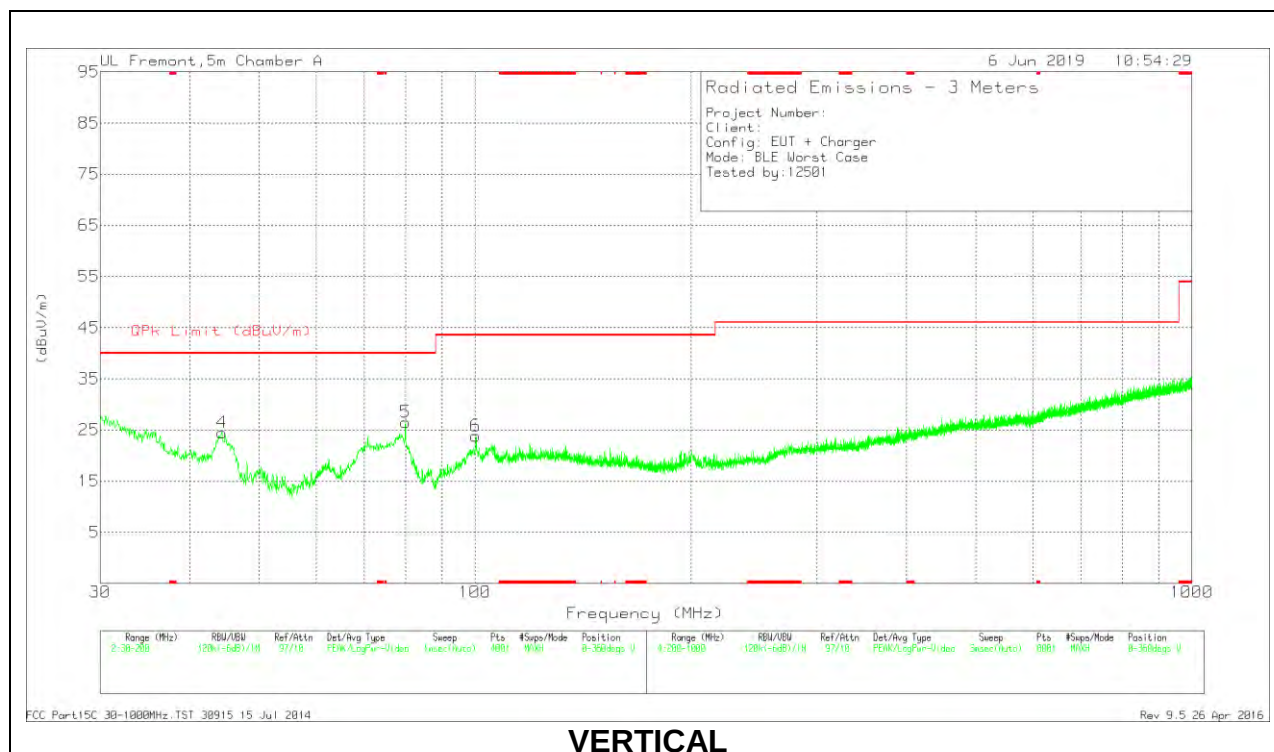
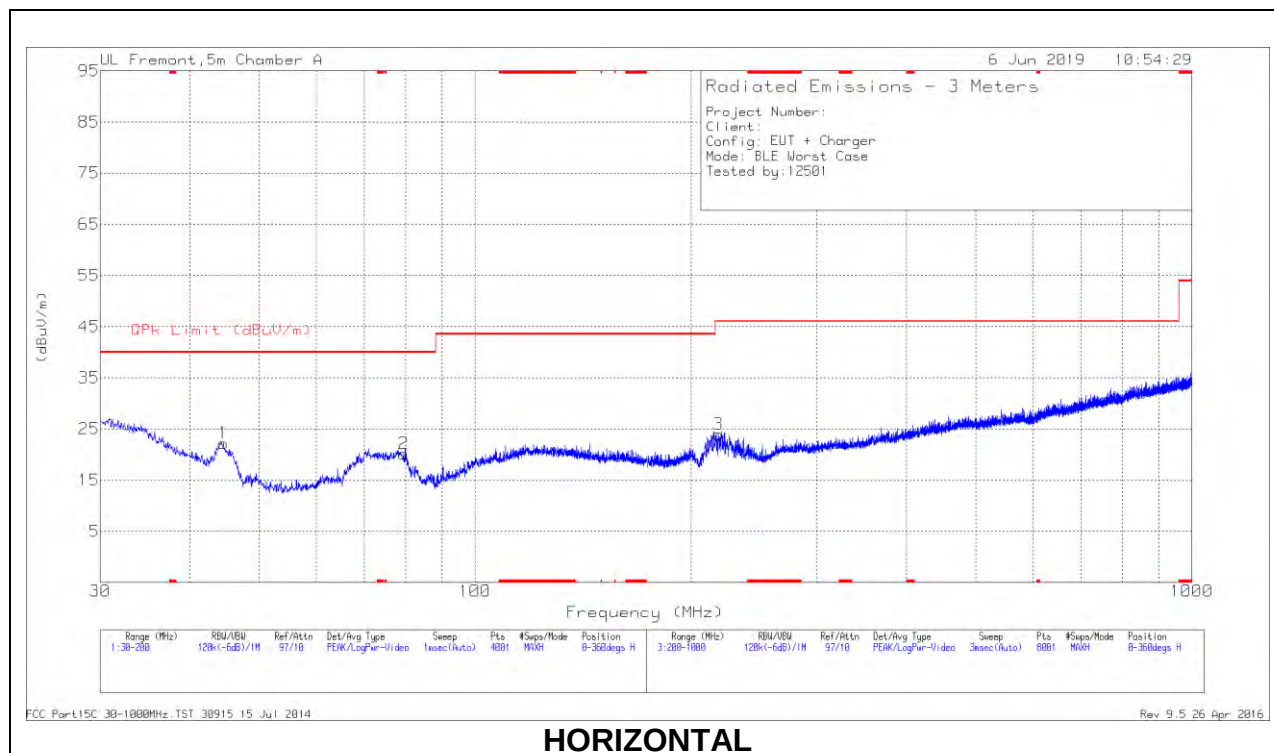
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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)



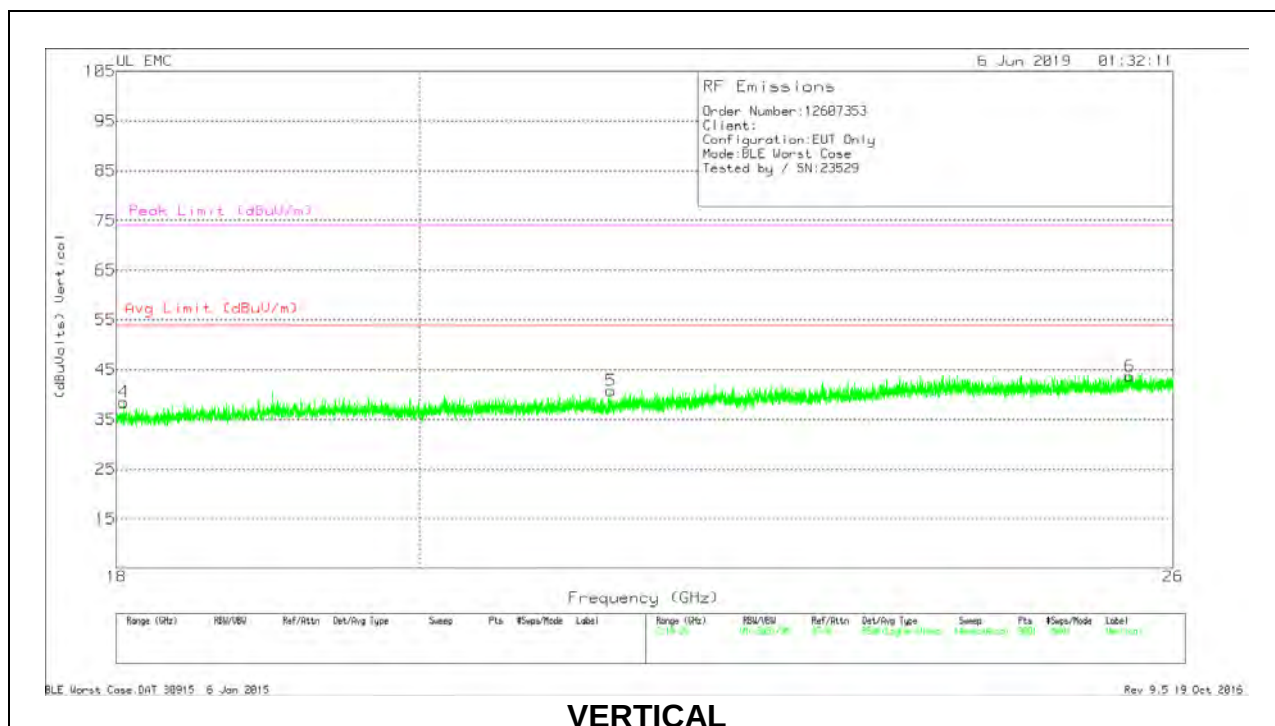
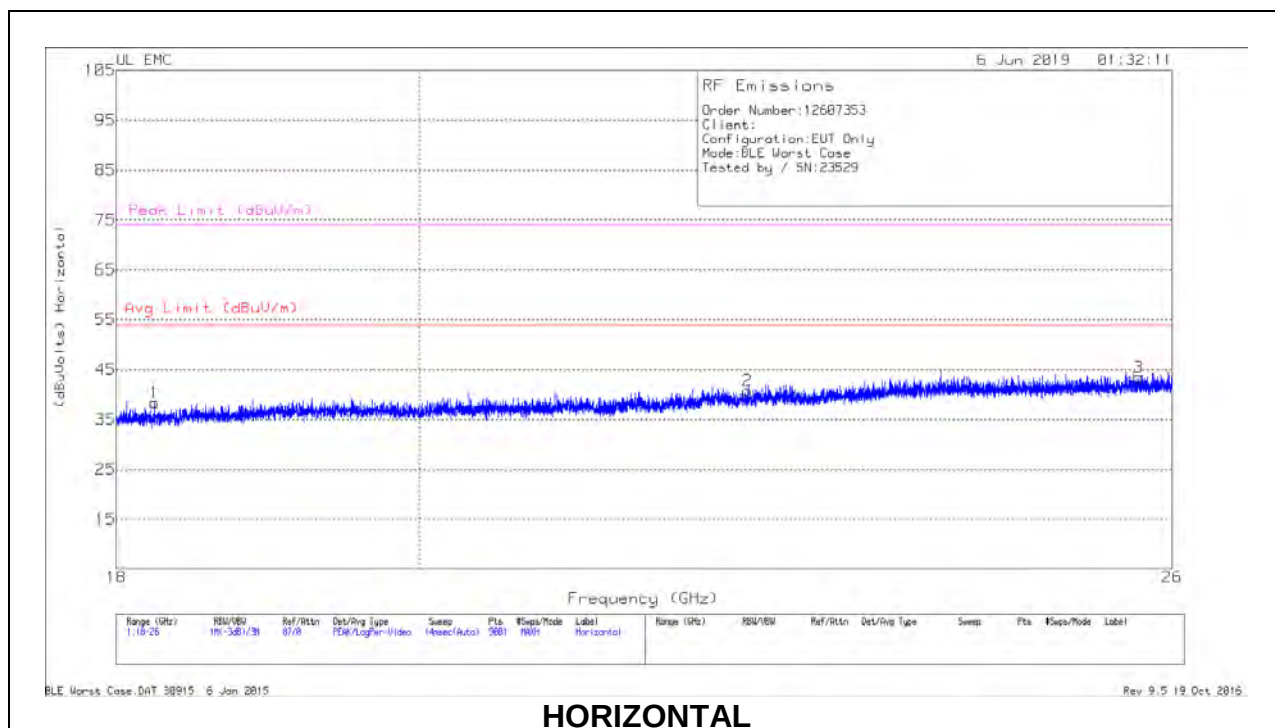
Below 1GHz Data

Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0181574 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
44.3668	31.16	Qp	16.4	-27	20.56	40	-19.44	38	100	V
44.3851	28.8	Qp	16.4	-27	18.2	40	-21.8	129	145	H
79.693	28.58	Qp	13.4	-26.5	15.48	40	-24.52	132	185	H
79.986	30.89	Qp	13.4	-26.5	17.79	40	-22.21	69	251	V
100.2931	29.08	Qp	16.4	-26.3	19.18	43.52	-24.34	59	117	V
218.6912	22.92	Qp	16.6	-24.9	14.62	46.02	-31.4	138	264	H

Qp - Quasi-Peak detector

9.4. WORST CASE 18 - 26 GHZ

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



18 - 26GHz Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T447 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	18.242	37.87	Pk	32.3	-22.3	-9.5	38.37	54	-15.63	74	-35.63
2	22.425	37	Pk	33.5	-20.2	-9.5	40.8	54	-13.2	74	-33.2
3	25.696	38.55	Pk	34.4	-20	-9.5	43.45	54	-10.55	74	-30.55
4	18.046	37.86	Pk	32.5	-22.4	-9.5	38.46	54	-15.54	74	-35.54
5	21.376	38.59	Pk	33	-21.3	-9.5	40.79	54	-13.21	74	-33.21
6	25.61	38.69	Pk	34.4	-19.9	-9.5	43.69	54	-10.31	74	-30.31

Pk - Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

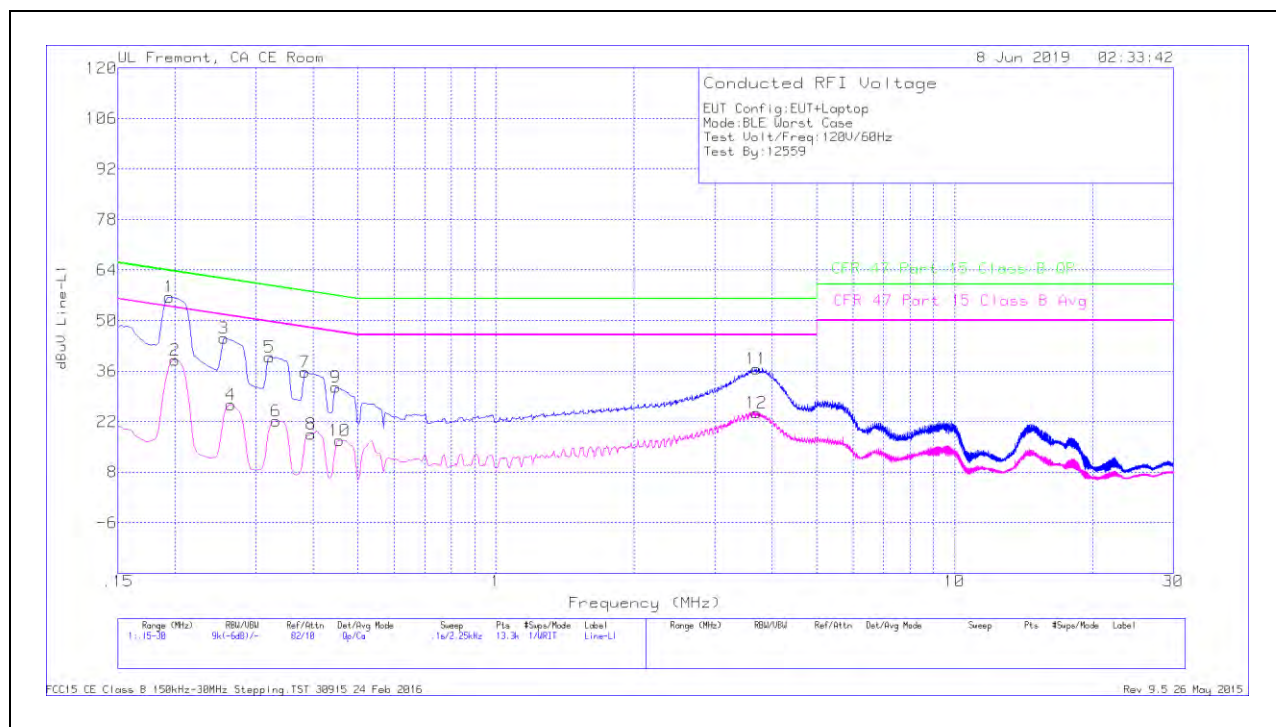
Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

* Decreases with the logarithm of the frequency.

RESULTS

10.1. AC Power Line Host

LINE 1 RESULTS

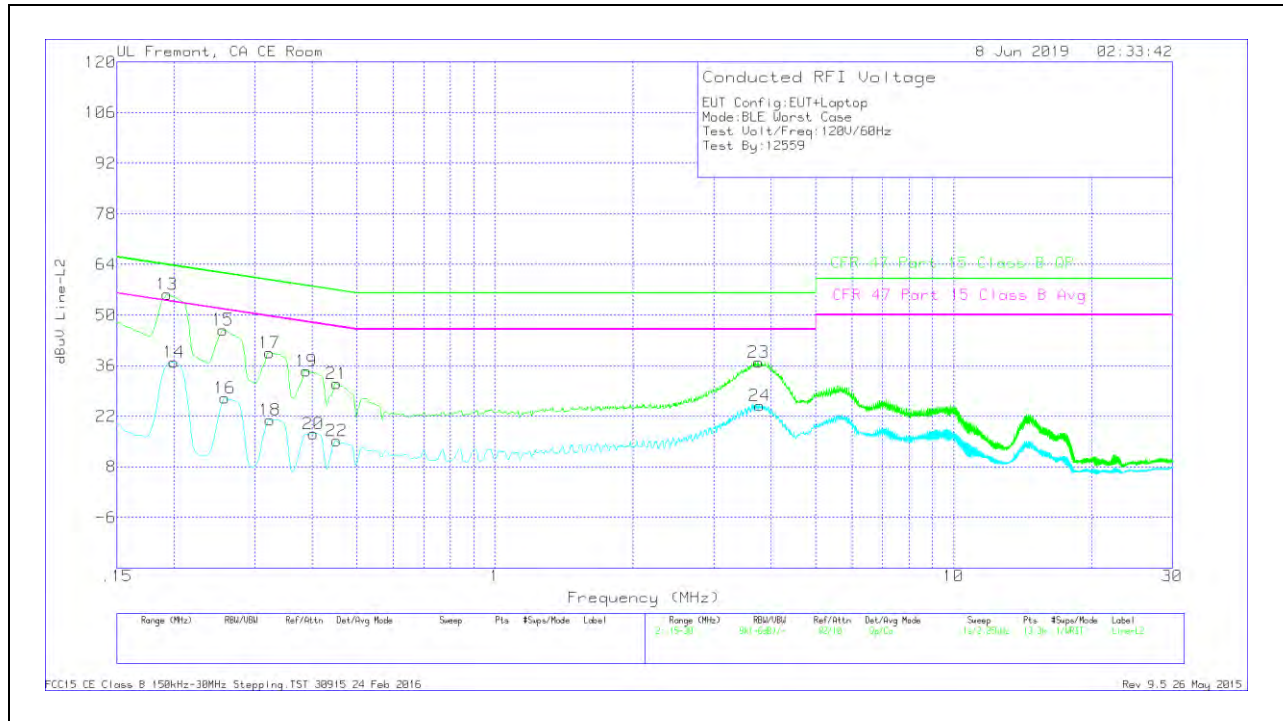


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.19388	46.42	Qp	0	0	10.1	56.52	63.87	-7.35	-	-
2	.1995	29	Ca	0	0	10.1	39.1	-	-	53.63	-14.53
3	.25575	35.11	Qp	0	0	10.1	45.21	61.57	-16.36	-	-
4	.26475	16.65	Ca	0	0	10.1	26.75	-	-	51.28	-24.53
5	.321	29.82	Qp	0	0	10.1	39.92	59.68	-19.76	-	-
6	.33225	12.08	Ca	0	0	10.1	22.18	-	-	49.39	-27.21
7	.384	25.7	Qp	0	0	10.1	35.8	58.19	-22.39	-	-
8	.39525	8.36	Ca	0	0	10.1	18.46	-	-	47.95	-29.49
9	.447	21.41	Qp	0	0	10.1	31.51	56.93	-25.42	-	-
10	.456	6.67	Ca	0	0	10.1	16.77	-	-	46.77	-30
11	3.69375	26.39	Qp	0	.1	10.1	36.59	56	-19.41	-	-
12	3.696	14.25	Ca	0	.1	10.1	24.45	-	-	46	-21.55

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



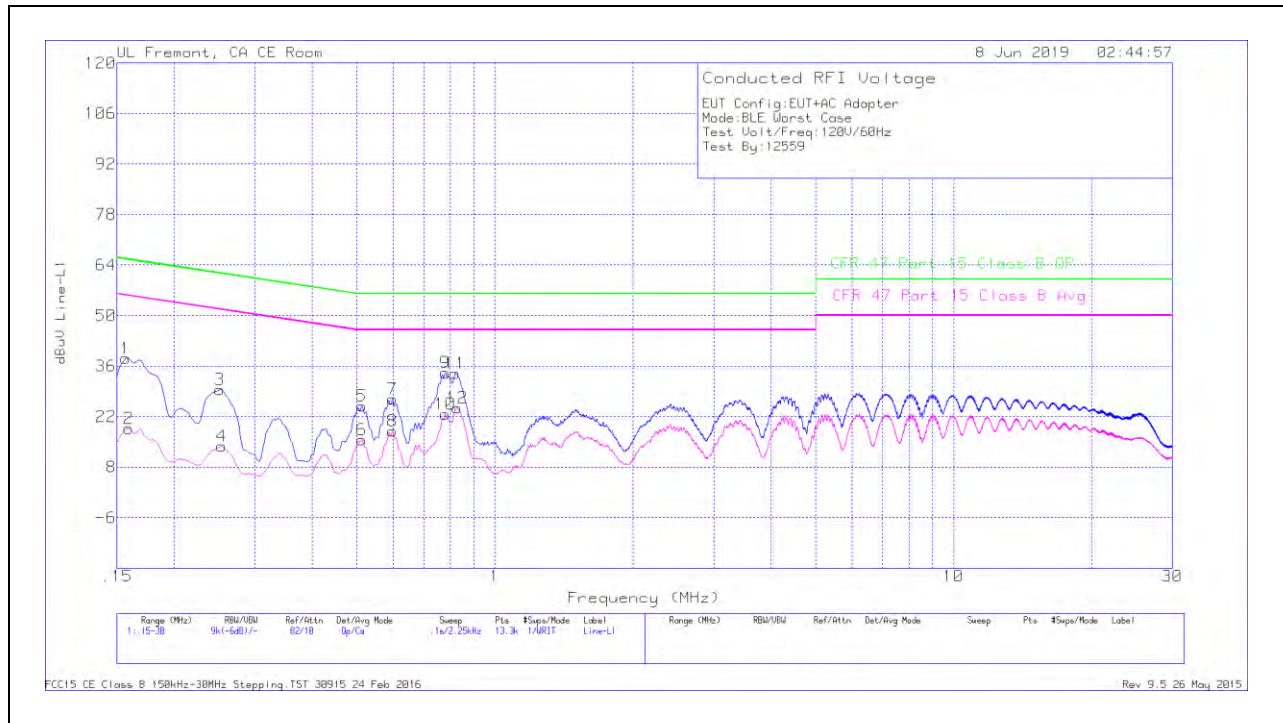
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.19275	45.58	Qp	0	0	10.1	55.68	63.92	-8.24	-	-
14	.1995	26.91	Ca	0	0	10.1	37.01	-	-	53.63	-16.62
15	.25575	35.81	Qp	0	0	10.1	45.91	61.57	-15.66	-	-
16	.258	16.88	Ca	0	0	10.1	26.98	-	-	51.5	-24.52
17	.32212	29.53	Qp	0	0	10.1	39.63	59.65	-20.02	-	-
18	.32325	10.85	Ca	0	0	10.1	20.95	-	-	49.62	-28.67
19	.3885	24.42	Qp	0	0	10.1	34.52	58.1	-23.58	-	-
20	.402	7.11	Ca	0	0	10.1	17.21	-	-	47.81	-30.6
21	.4515	20.95	Qp	0	0	10.1	31.05	56.85	-25.8	-	-
22	.4515	5.13	Ca	0	0	10.1	15.23	-	-	46.85	-31.62
23	3.75675	26.76	Qp	0	.1	10.1	36.96	56	-19.04	-	-
24	3.777	14.84	Ca	0	.1	10.1	25.04	-	-	46	-20.96

Qp - Quasi-Peak detector

Ca - CISPR average detection

10.2. AC Power Line Norm

LINE 1 RESULTS

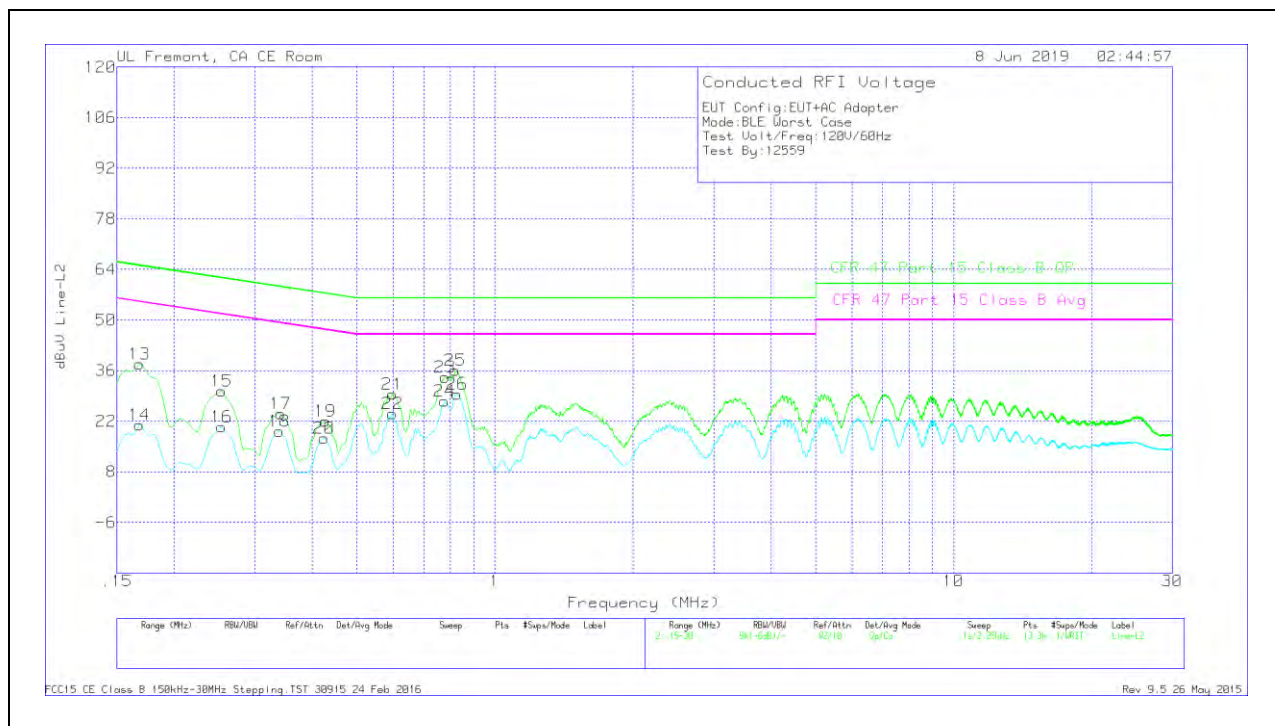


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.15675	27.95	Qp	.1	0	10.1	38.15	65.63	-27.48	-	-
2	.159	8.48	Ca	.1	0	10.1	18.68	-	-	55.52	-36.84
3	.25125	19.46	Qp	0	0	10.1	29.56	61.72	-32.16	-	-
4	.2535	3.68	Ca	0	0	10.1	13.78	-	-	51.64	-37.86
5	.51225	14.81	Qp	0	0	10.1	24.91	56	-31.09	-	-
6	.51225	5.46	Ca	0	0	10.1	15.56	-	-	46	-30.44
7	.59775	16.85	Qp	0	0	10.1	26.95	56	-29.05	-	-
8	.59775	7.98	Ca	0	0	10.1	18.08	-	-	46	-27.92
9	.78	24	Qp	0	0	10.1	34.1	56	-21.9	-	-
10	.78	12.53	Ca	0	0	10.1	22.63	-	-	46	-23.37
11	.8205	23.92	Qp	0	0	10.1	34.02	56	-21.98	-	-
12	.82725	14.35	Ca	0	0	10.1	24.45	-	-	46	-21.55

Qp - Quasi-Peak detector

Ca - CISPR average detection

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	27.65	Qp	.1	0	10.1	37.85	65.06	-27.21	-	-
14	.168	10.76	Ca	.1	0	10.1	20.96	-	-	55.06	-34.1
15	.2535	20.18	Qp	0	0	10.1	30.28	61.64	-31.36	-	-
16	.2535	10.33	Ca	0	0	10.1	20.43	-	-	51.64	-31.21
17	.34125	14.01	Qp	0	0	10.1	24.11	59.17	-35.06	-	-
18	.339	9.2	Ca	0	0	10.1	19.3	-	-	49.23	-29.93
19	.42675	11.93	Qp	0	0	10.1	22.03	57.32	-35.29	-	-
20	.4245	7.25	Ca	0	0	10.1	17.35	-	-	47.36	-30.01
21	.59775	19.37	Qp	0	0	10.1	29.47	56	-26.53	-	-
22	.59775	13.93	Ca	0	0	10.1	24.03	-	-	46	-21.97
23	.78	24.1	Qp	0	0	10.1	34.2	56	-21.8	-	-
24	.77775	17.48	Ca	0	0	10.1	27.58	-	-	46	-18.42
25	.8205	26.04	Qp	0	0	10.1	36.14	56	-19.86	-	-
26	.82725	19.47	Ca	0	0	10.1	29.57	-	-	46	-16.43

Qp - Quasi-Peak detector

Ca - CISPR average detection

END OF TEST REPORT

11. SETUP PHOTOS

Please refer to 12607353-EP1V1 for setup photos