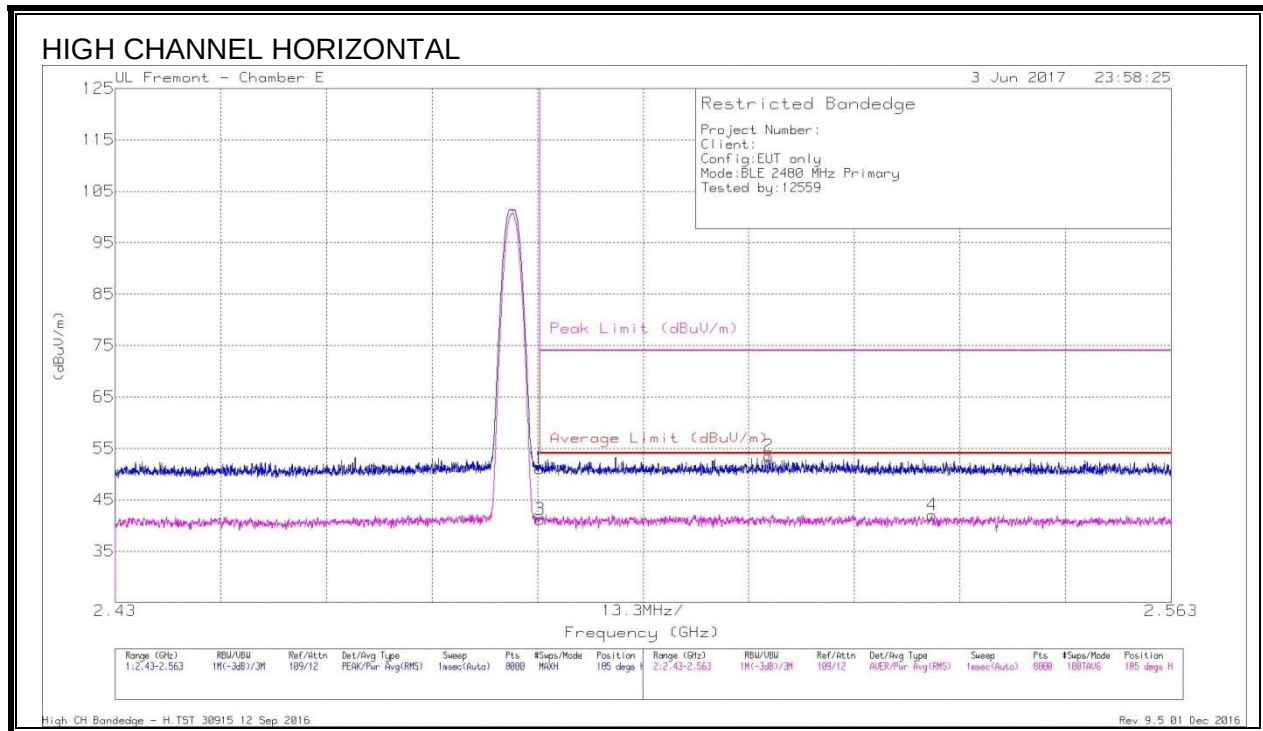
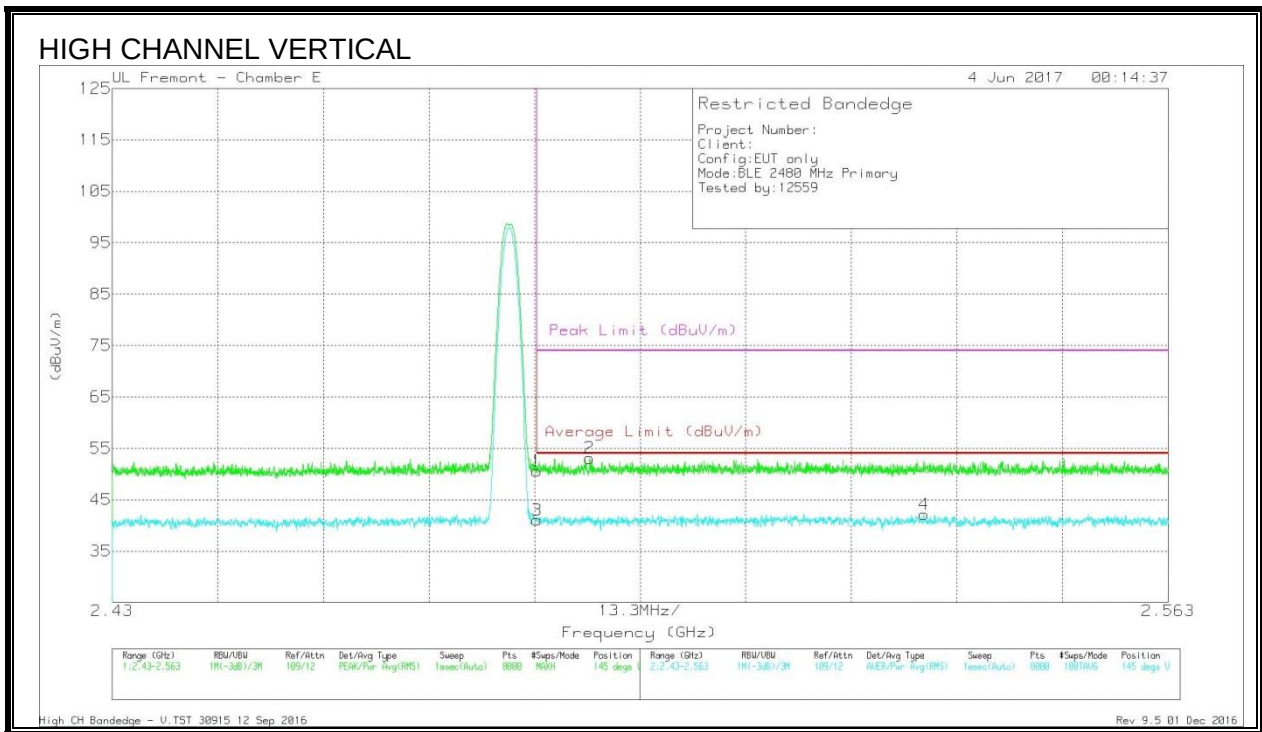


8.3.2. AUTHORIZED BANDEDGE (HIGH CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fltr/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	38.09	Pk	32.7	-19.7	51.09	-	-	74	-22.91	185	130	H
3	* 2.484	28.2	RMS	32.7	-19.7	41.2	54	-12.8	-	-	185	130	H
2	2.512	40.65	Pk	32.7	-19.8	53.55	-	-	74	-20.45	185	130	H
4	2.533	29.15	RMS	32.7	-19.8	42.05	54	-11.95	-	-	185	130	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection



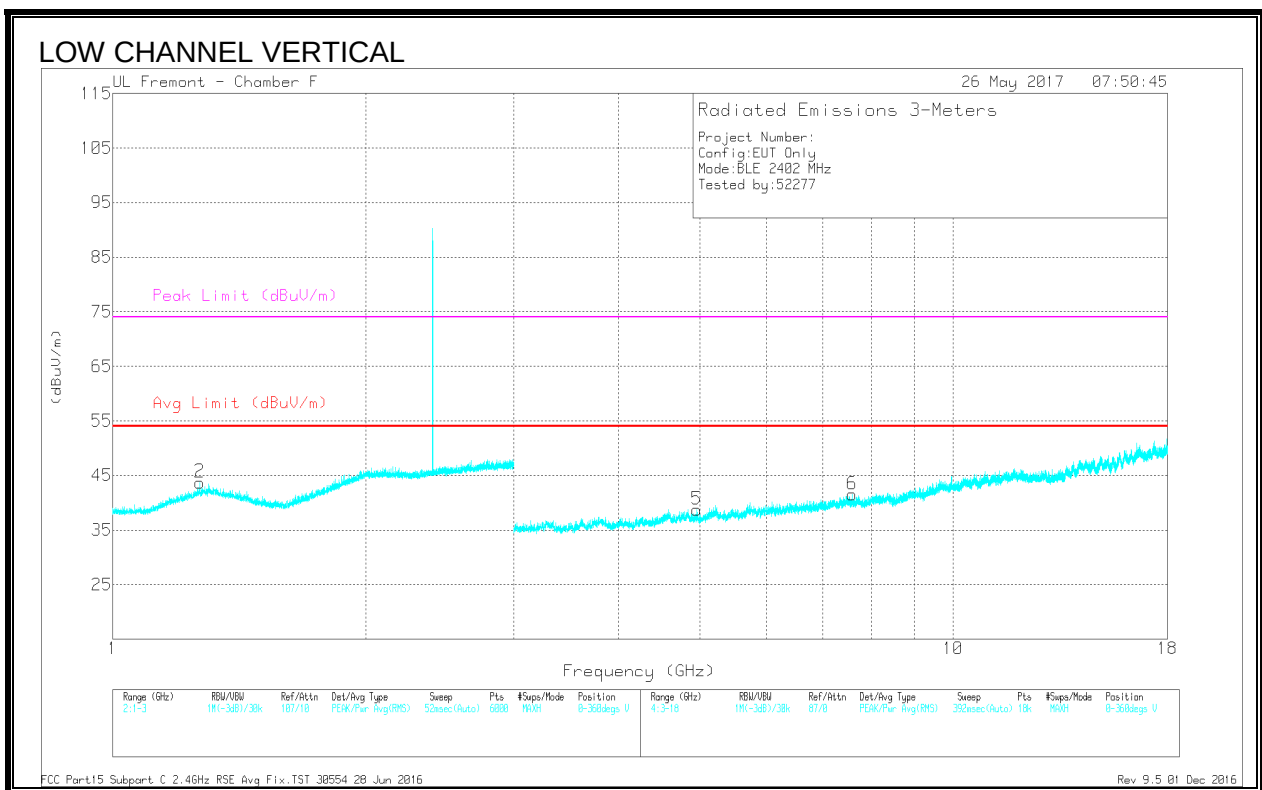
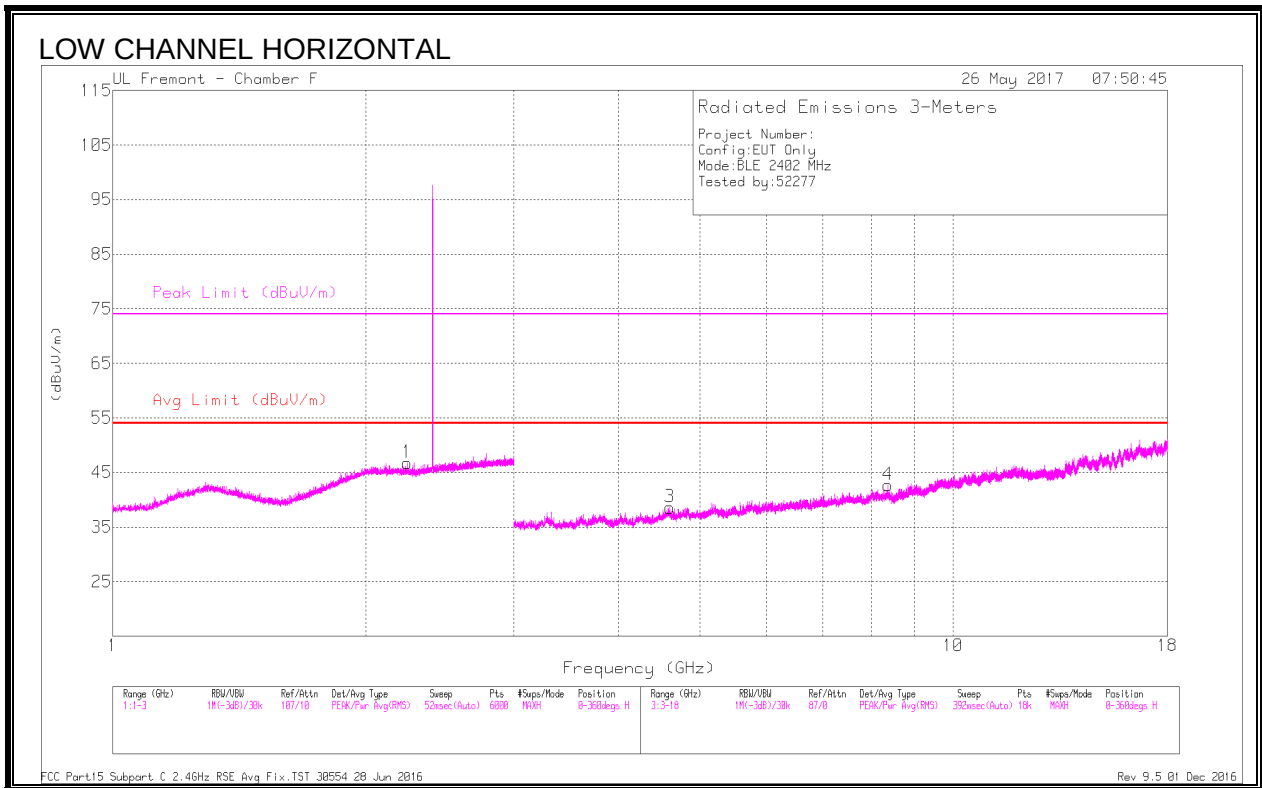
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	37.58	Pk	32.7	-19.7	50.58	-	-	74	-23.42	145	402	V
3	* 2.484	28.05	RMS	32.7	-19.7	41.05	54	-12.95	-	-	145	402	V
2	* 2.49	40.28	Pk	32.7	-19.9	53.08	-	-	74	-20.92	145	402	V
4	2.532	29.25	RMS	32.7	-19.8	42.15	54	-11.85	-	-	145	402	V

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

Pk - Peak detector

RMS - RMS detection

8.3.3. HARMONICS AND SPURIOUS EMISSIONS



Markers	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb l/Filtr/P ad (dB)	Correct ed Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.24	41.53	PK2	31.8	-21	52.33	-	-	74	-21.67	128	373	H
	* 2.241	29.78	MAv1	31.8	-20.9	40.68	54	-13.32	-	-	128	373	H
2	* 1.267	42.25	PK2	29.7	-22.3	49.65	-	-	74	-24.35	116	260	V
	* 1.268	30.14	MAv1	29.7	-22.3	37.54	54	-16.46	-	-	116	260	V
3	* 4.599	39.03	PK2	34.1	-27.9	45.23	-	-	74	-28.77	2	134	H
	* 4.6	27.35	MAv1	34.1	-27.9	33.55	54	-20.45	-	-	2	134	H
4	* 8.37	36.33	PK2	36	-23.6	48.73	-	-	74	-25.27	36	258	H
	* 8.37	24.66	MAv1	36	-23.6	37.06	54	-16.94	-	-	36	258	H
5	* 4.955	38.9	PK2	34.2	-28.4	44.7	-	-	74	-29.3	99	235	V
	* 4.956	27.45	MAv1	34.2	-28.5	33.15	54	-20.85	-	-	99	235	V
6	* 7.581	36.65	PK2	36.1	-25.1	47.65	-	-	74	-26.35	279	259	V
	* 7.579	24.93	MAv1	36.1	-25.1	35.93	54	-18.07	-	-	279	259	V

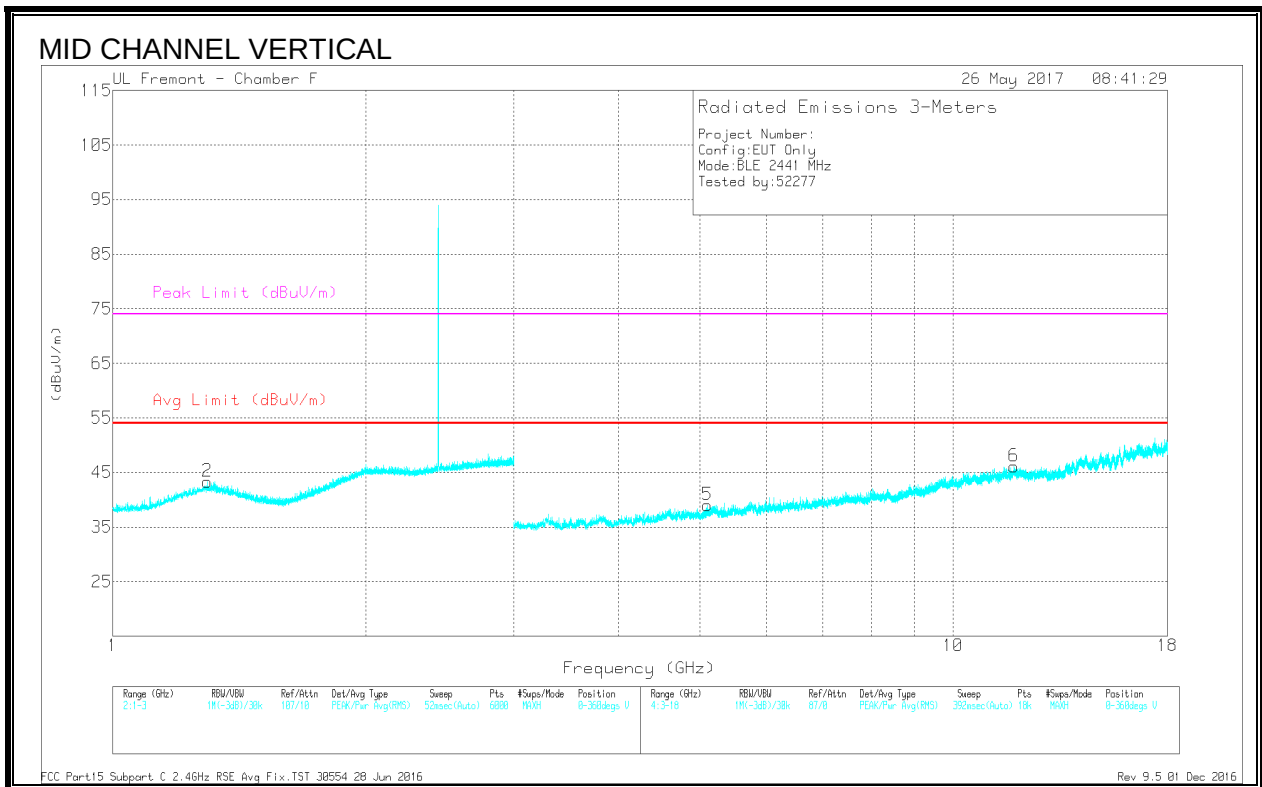
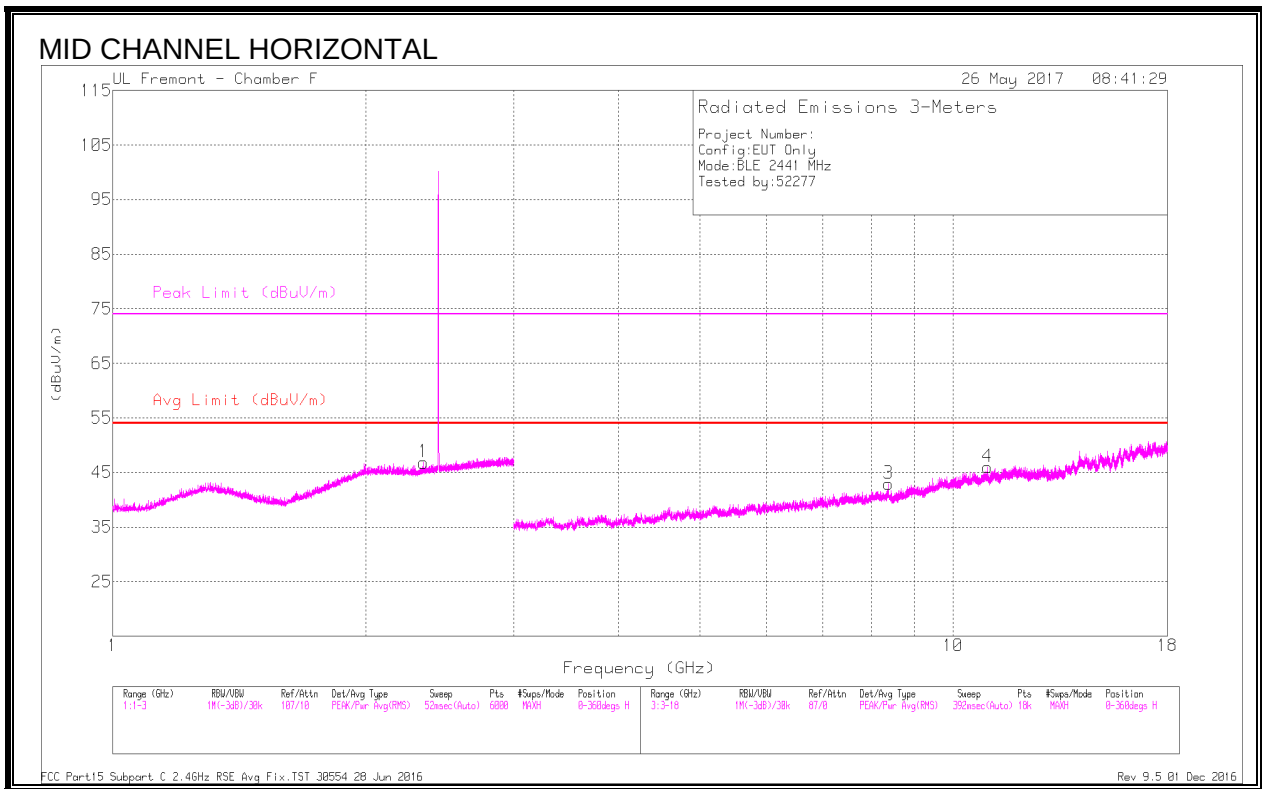
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15 Subpart C 2.4GHz RSE Avg Fix.TST 30554 28 Jun 2016

Rev 9.5 01 Dec 2016



Markers	Frequen cy (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	* 2.344	42.29	PK2	31.7	-21	52.99	-	-	74	-21.01	174	323	H
	* 2.344	29.89	MAv1	31.7	-21	40.59	54	-13.41	-	-	174	323	H
2	* 1.298	42.29	PK2	30.1	-22.2	50.19	-	-	74	-23.81	161	271	V
	* 1.295	29.97	MAv1	30.1	-22.2	37.87	54	-16.13	-	-	161	271	V
3	* 8.381	36.53	PK2	36	-23.6	48.93	-	-	74	-25.07	297	215	H
	* 8.38	24.52	MAv1	36	-23.6	36.92	54	-17.08	-	-	297	215	H
4	* 10.995	35.64	PK2	38.1	-21.4	52.34	-	-	74	-21.66	168	112	H
	* 10.992	23.48	MAv1	38.1	-21.3	40.28	54	-13.72	-	-	168	112	H
5	* 5.099	38.92	PK2	34.3	-27.3	45.92	-	-	74	-28.08	172	259	V
	* 5.099	26.5	MAv1	34.3	-27.3	33.5	54	-20.5	-	-	172	259	V
6	* 11.815	35.21	PK2	39	-21.6	52.61	-	-	74	-21.39	180	297	V
	* 11.815	23.98	MAv1	39	-21.6	41.38	54	-12.62	-	-	180	297	V

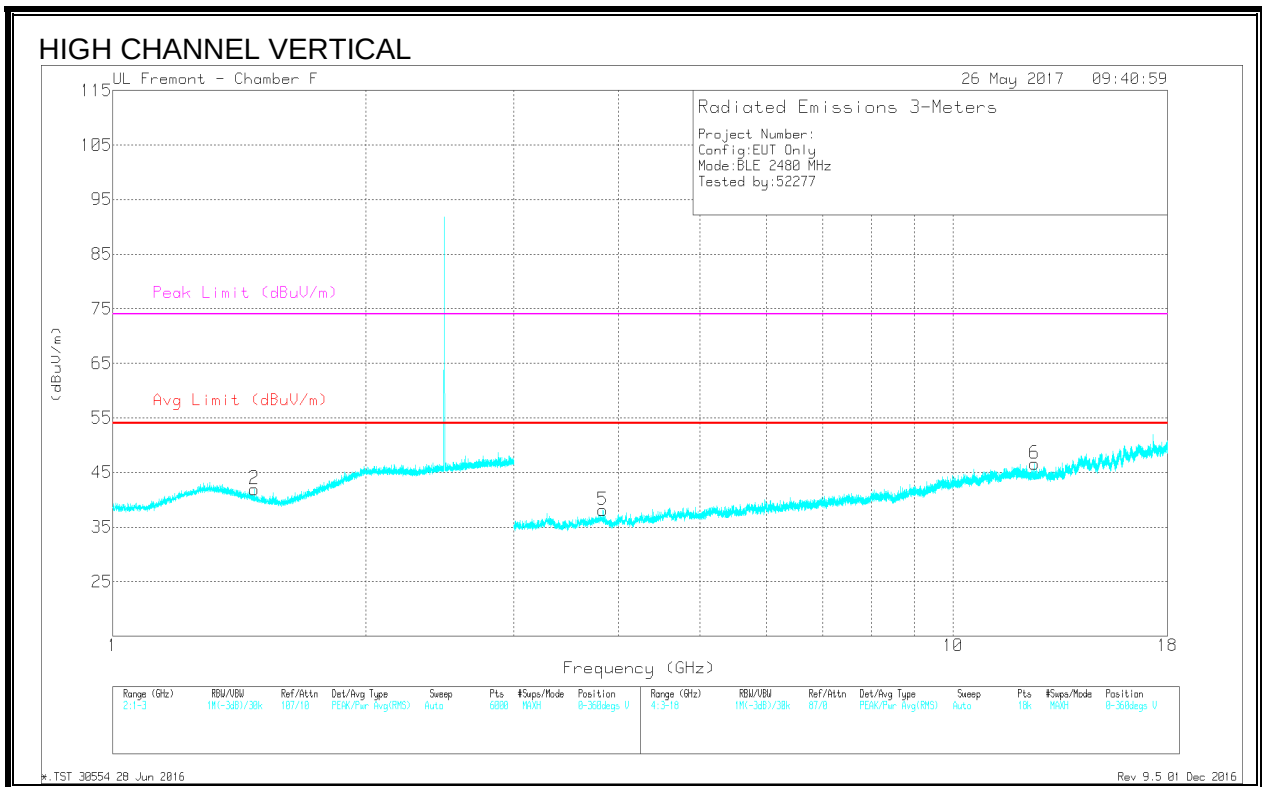
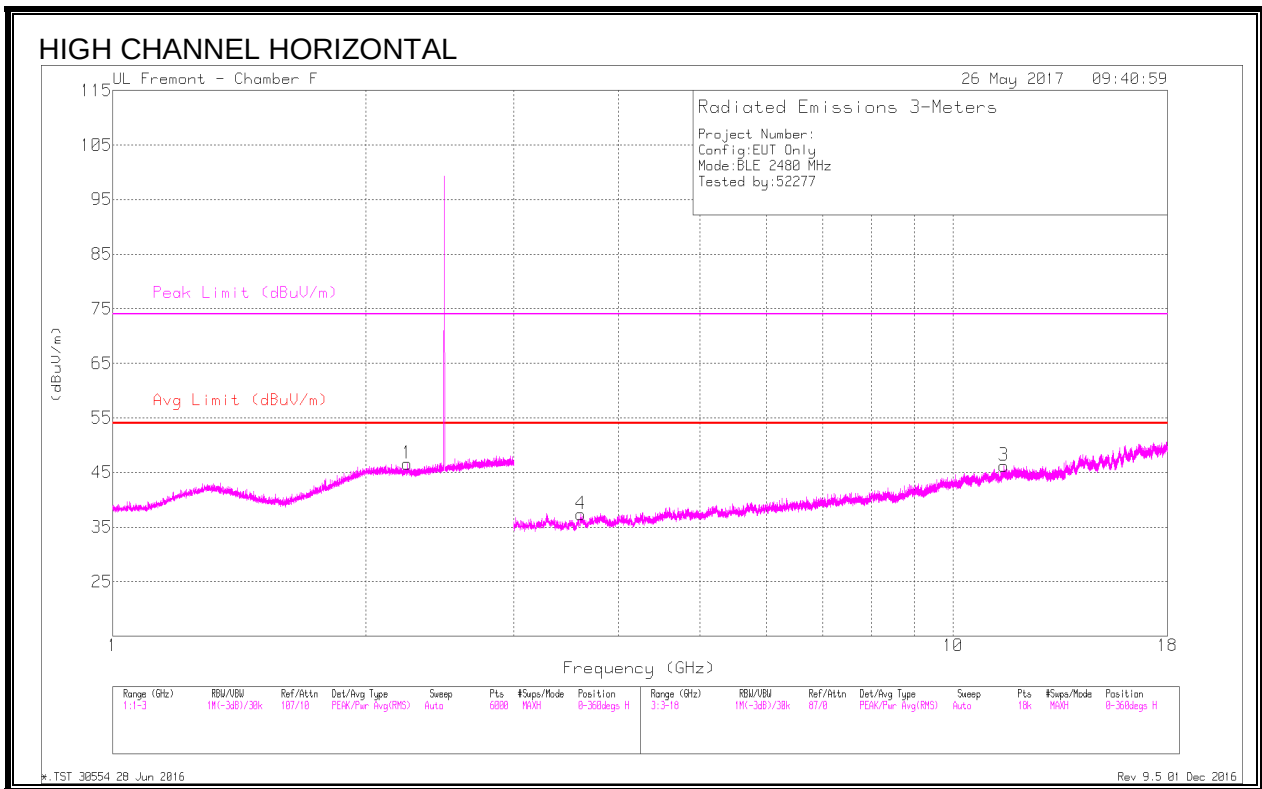
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15 Subpart C 2.4GHz RSE Avg Fix.TST 30554 28 Jun 2016

Rev 9.5 01 Dec 2016



Markers	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)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.241	41.81	PK2	31.8	-20.9	52.71	-	-	74	-21.29	146	312	H
	* 2.241	29.8	MAv1	31.8	-20.9	40.7	54	-13.3	-	-	146	312	H
2	* 1.472	42.14	PK2	28.1	-22	48.24	-	-	74	-25.76	118	161	V
	* 1.473	29.93	MAv1	28.1	-22	36.03	54	-17.97	-	-	118	161	V
3	* 11.503	35.34	PK2	38.5	-21.2	52.64	-	-	74	-21.36	155	100	H
	* 11.503	23.68	MAv1	38.5	-21.2	40.98	54	-13.02	-	-	155	100	H
4	* 3.604	39.79	PK2	33.1	-29.1	43.79	-	-	74	-30.21	175	111	H
	* 3.608	27.9	MAv1	33.1	-29.2	31.8	54	-22.2	-	-	175	111	H
5	* 3.83	39.58	PK2	33.3	-28.3	44.58	-	-	74	-29.42	235	208	V
	* 3.832	27.63	MAv1	33.3	-28.3	32.63	54	-21.37	-	-	235	208	V
6	* 12.515	35.7	PK2	38.9	-22.4	52.2	-	-	74	-21.8	60	124	V
	* 12.513	24.14	MAv1	38.9	-22.4	40.64	54	-13.36	-	-	60	124	V

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

PK2 - KDB558074 Method: Maximum Peak

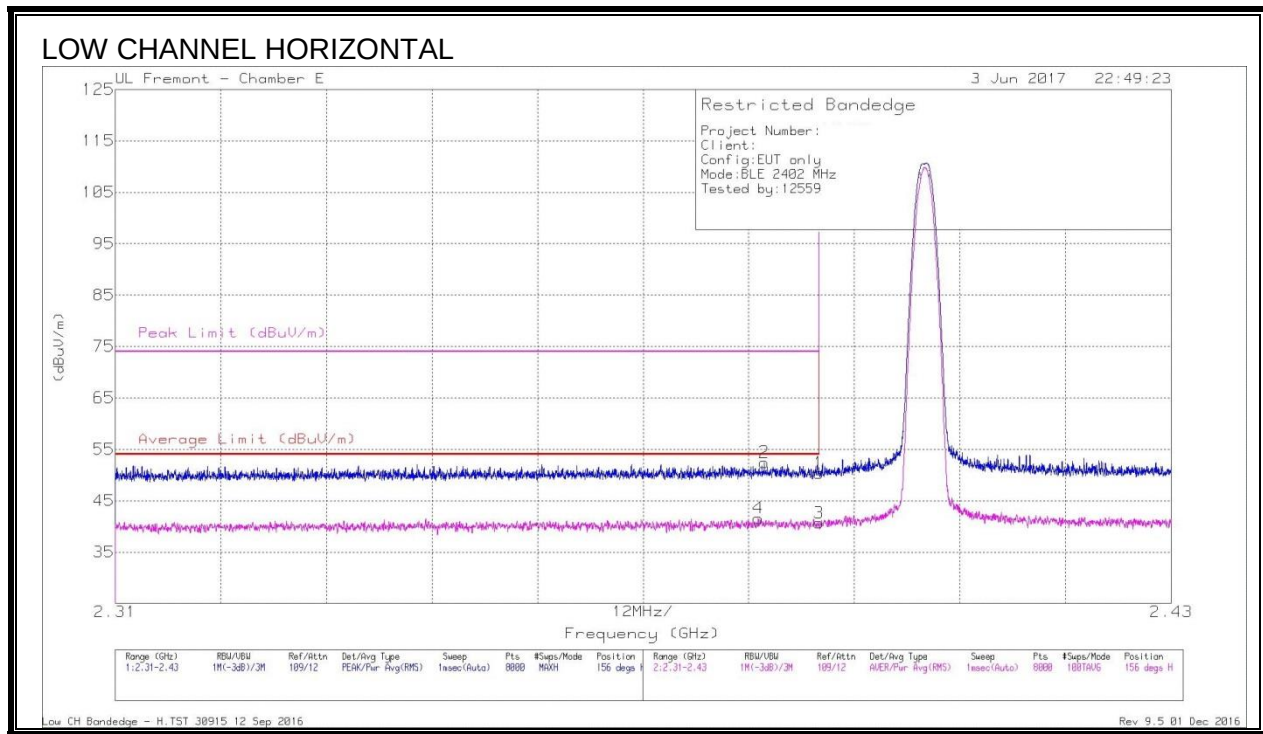
MAv1 - KDB558074 Option 1 Maximum RMS Average

*.TST 30554 28 Jun 2016

Rev 9.5 01 Dec 2016

8.4. LAT 3 Pmax

8.4.1. RESTRICTED BANDEDGE (LOW CHANNEL)

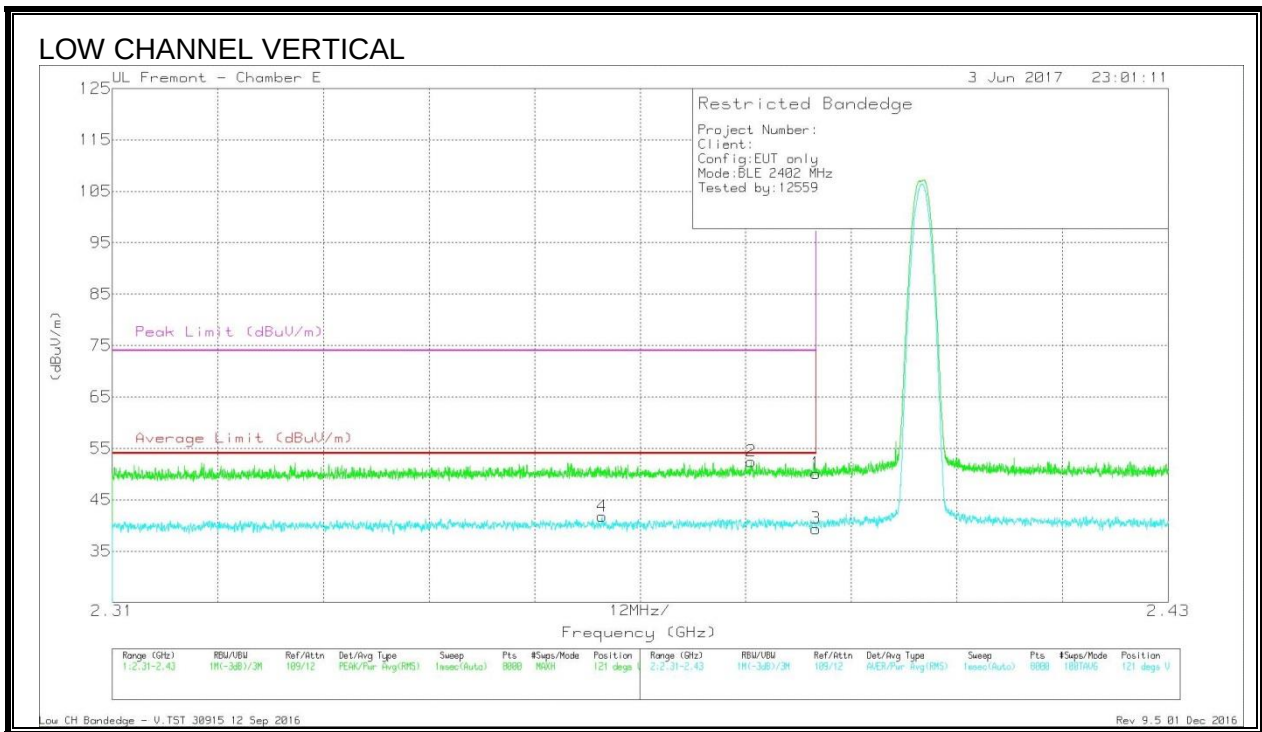


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	37.9	Pk	32.2	-19.7	50.4	-	-	74	-23.6	156	114	H
2	* 2.384	39.73	Pk	32.2	-19.5	52.43	-	-	74	-21.57	156	114	H
3	* 2.39	28.15	RMS	32.2	-19.7	40.65	54	-13.35	-	-	156	114	H
4	* 2.383	28.89	RMS	32.2	-19.5	41.59	54	-12.41	-	-	156	114	H

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

Pk - Peak detector

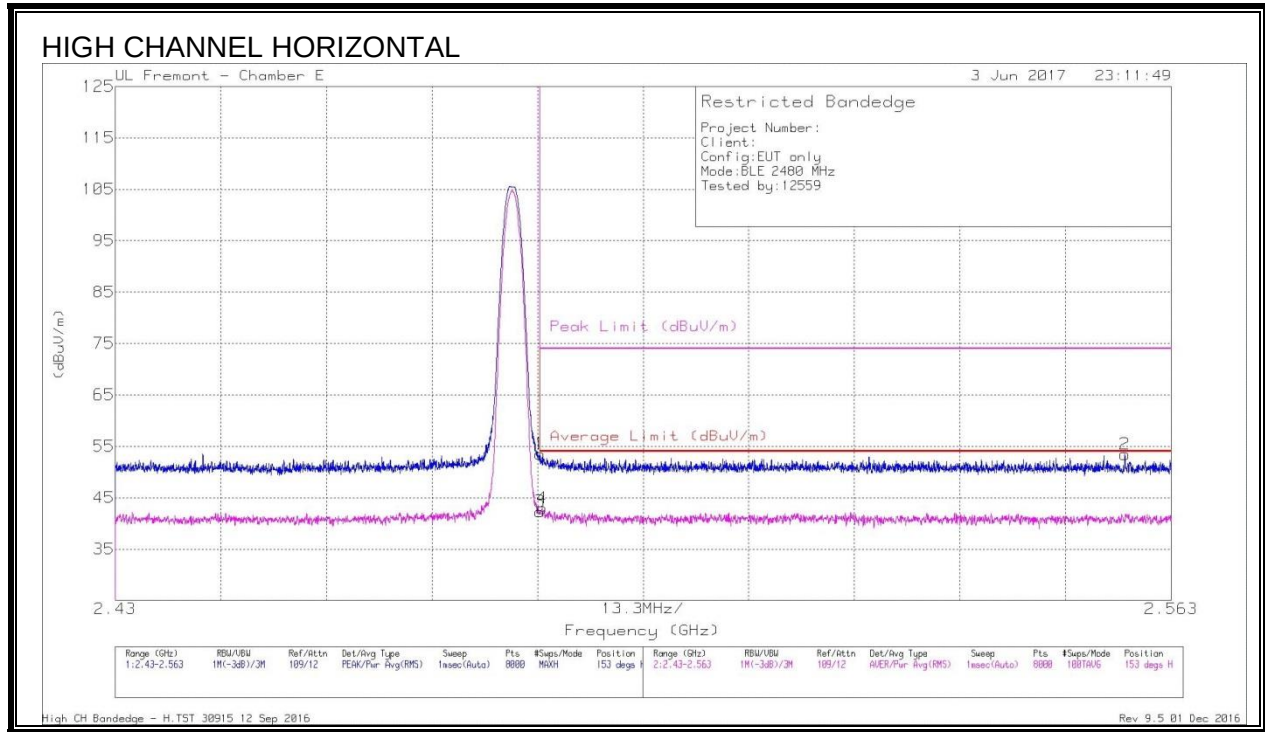
RMS - RMS detection



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
1	* 2.39	37.62	Pk	32.2	-19.7	50.12	-	-	74	-23.88	121	374	V
2	* 2.383	39.76	Pk	32.2	-19.5	52.46	-	-	74	-21.54	121	374	V
3	* 2.39	26.89	RMS	32.2	-19.7	39.39	54	-14.61	-	-	121	374	V
4	* 2.366	29.36	RMS	32.2	-19.8	41.76	54	-12.24	-	-	121	374	V

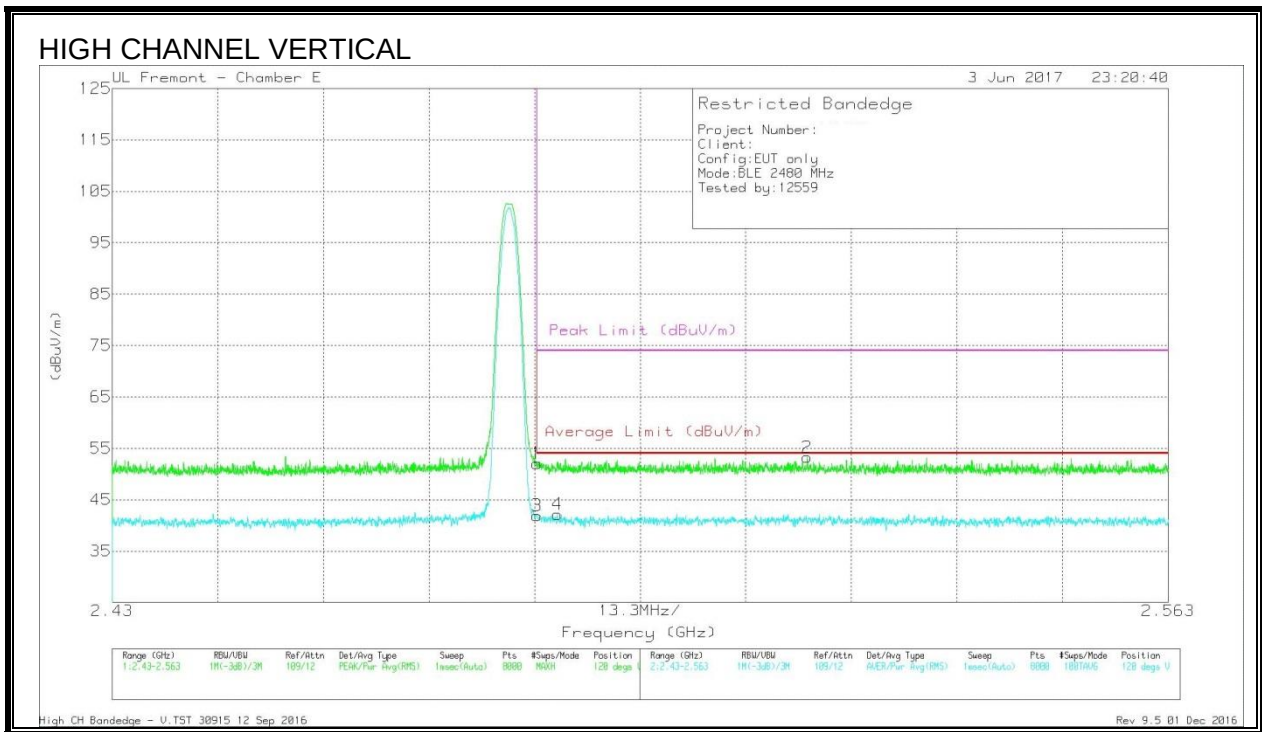
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

8.4.2. AUTHORIZED BANDEDGE (HIGH CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fltr/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	40.53	Pk	32.7	-19.7	53.53	-	-	74	-20.47	153	133	H
2	2.557	40.66	Pk	32.6	-19.8	53.46	-	-	74	-20.54	153	133	H
3	* 2.484	29.3	RMS	32.7	-19.7	42.3	54	-11.7	-	-	153	133	H
4	* 2.484	29.96	RMS	32.7	-19.7	42.96	54	-11.04	-	-	153	133	H

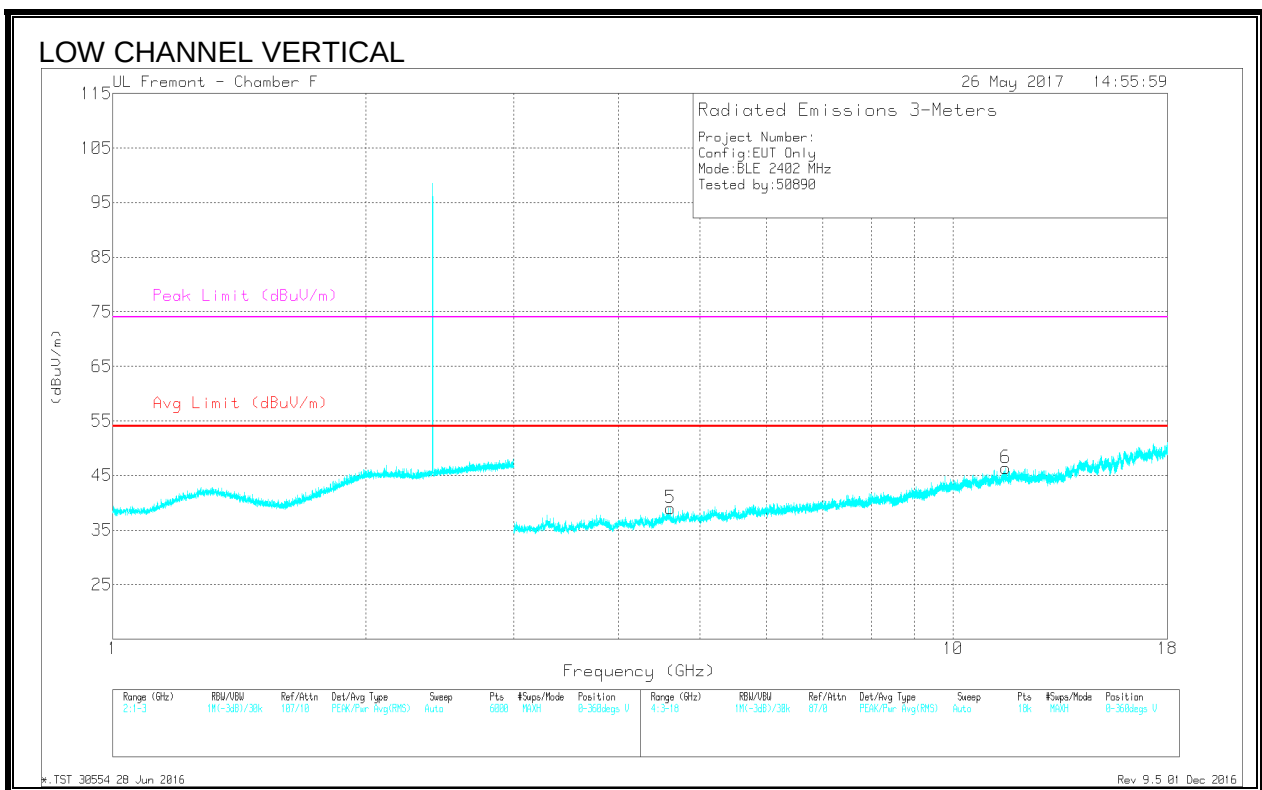
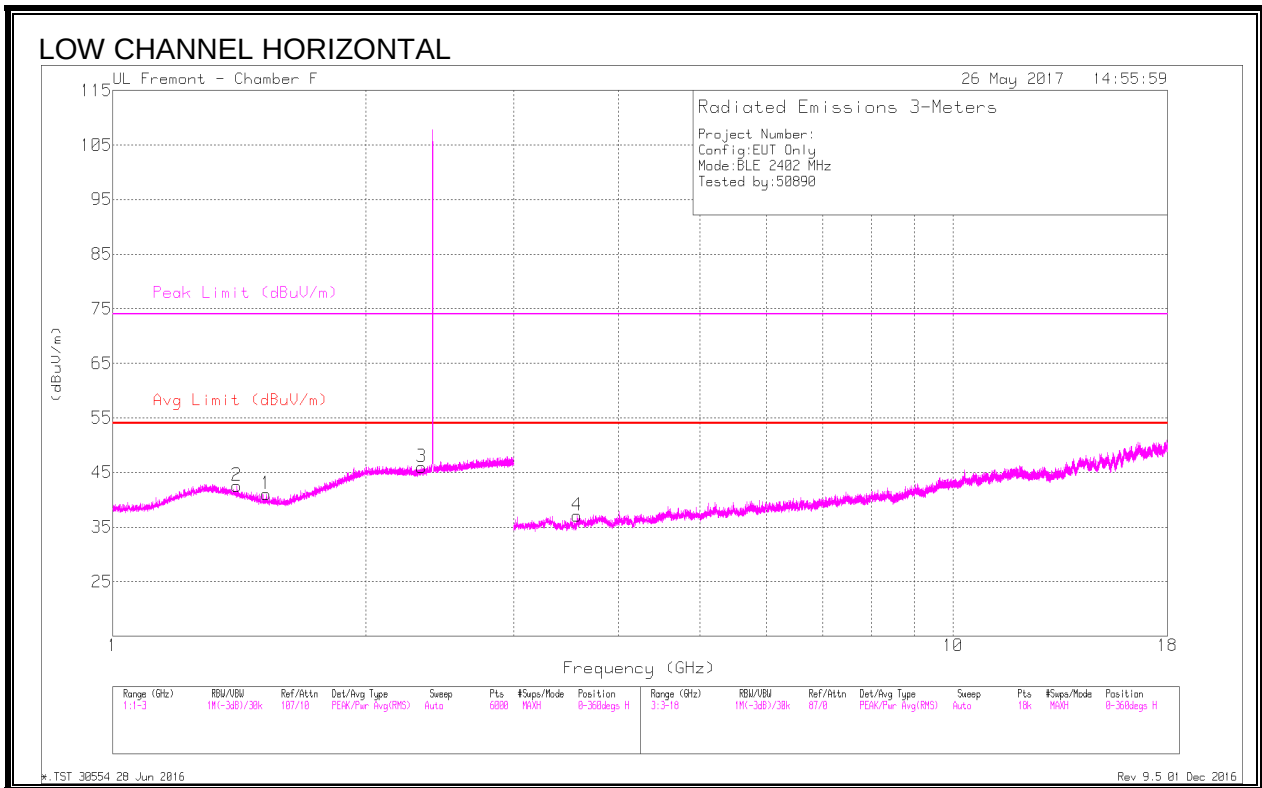
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fltr/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	39.06	Pk	32.7	-19.7	52.06	-	-	74	-21.94	120	396	V
2	2.518	40.26	Pk	32.7	-19.7	53.26	-	-	74	-20.74	120	396	V
3	* 2.484	28.91	RMS	32.7	-19.7	41.91	54	-12.09	-	-	120	396	V
4	* 2.486	29.28	RMS	32.7	-19.8	42.18	54	-11.82	-	-	120	396	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

8.4.3. HARMONICS AND SPURIOUS EMISSIONS



Markers	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)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.524	41.93	PK2	27.6	-22	47.53	-	-	74	-26.47	261	273	H
	* 1.524	29.99	MAv1	27.6	-22	35.59	54	-18.41	-	-	261	273	H
2	* 1.408	41.93	PK2	29	-22	48.93	-	-	74	-25.07	185	351	H
	* 1.406	29.94	MAv1	29	-22	36.94	54	-17.06	-	-	185	351	H
3	* 2.33	42.04	PK2	31.7	-21	52.74	-	-	74	-21.26	70	132	H
	* 2.329	29.9	MAv1	31.7	-21	40.6	54	-13.4	-	-	70	132	H
4	* 3.571	39.75	PK2	33.1	-29	43.85	-	-	74	-30.15	344	359	H
	* 3.571	27.73	MAv1	33.1	-29	31.83	54	-22.17	-	-	344	359	H
5	* 4.61	38.78	PK2	34.1	-28.1	44.78	-	-	74	-29.22	116	335	V
	* 4.612	27.51	MAv1	34.1	-28.1	33.51	54	-20.49	-	-	116	335	V
6	* 11.558	35.3	PK2	38.5	-21.2	52.6	-	-	74	-21.4	15	254	V
	* 11.558	23.47	MAv1	38.5	-21.2	40.77	54	-13.23	-	-	15	254	V

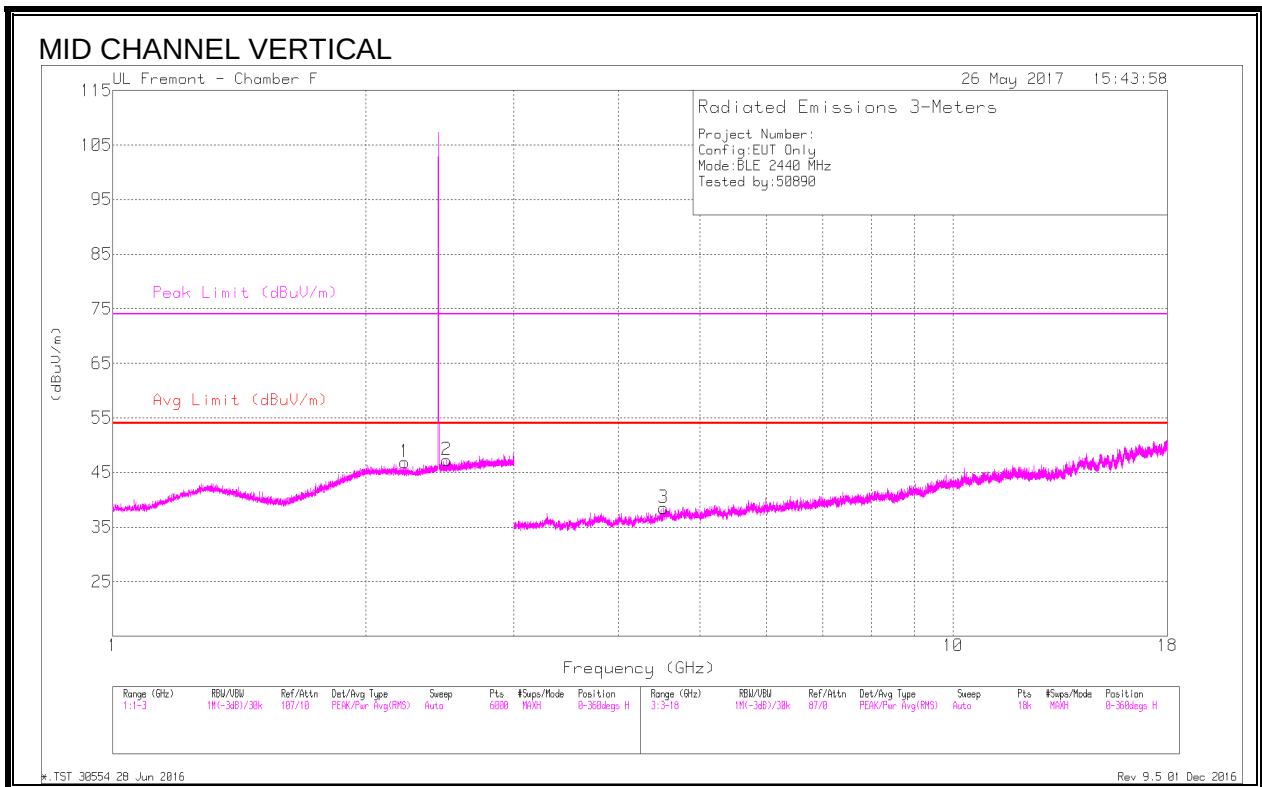
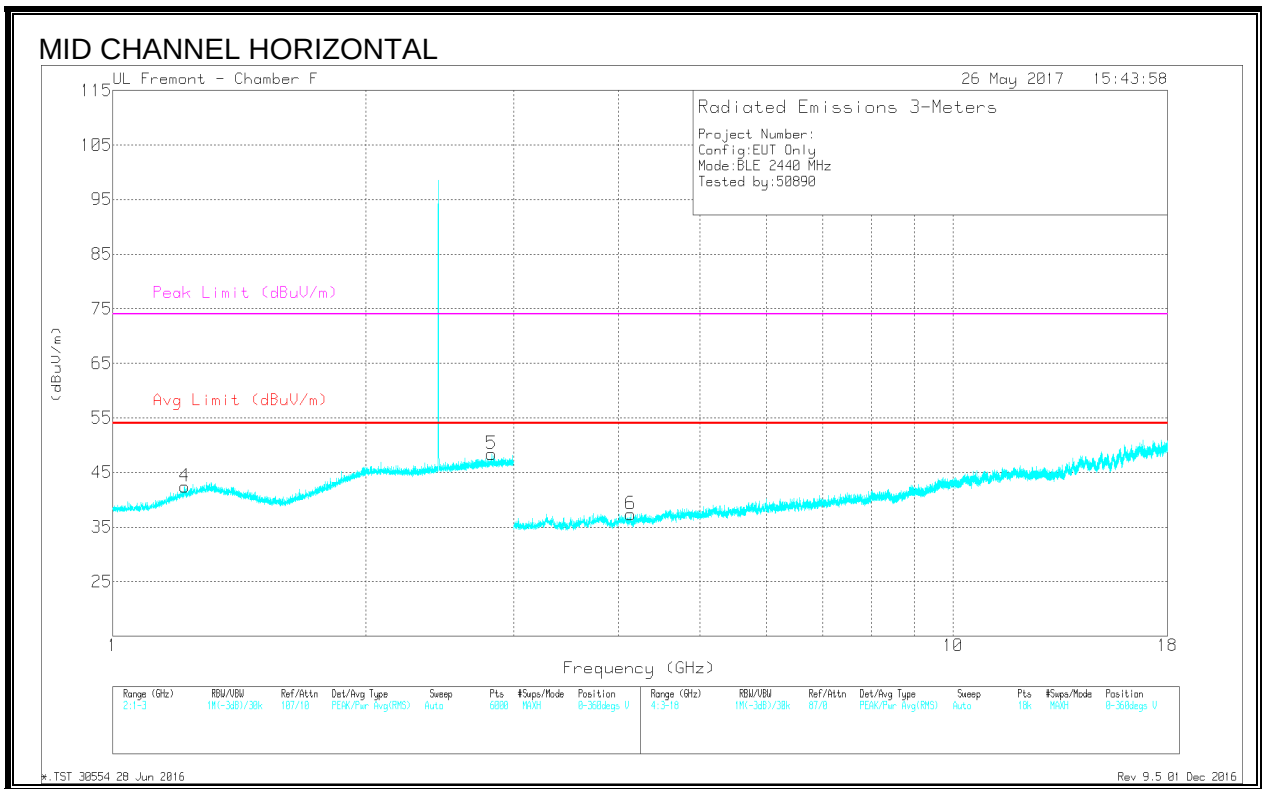
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

*.TST 30554 28 Jun 2016

Rev 9.5 01 Dec 2016

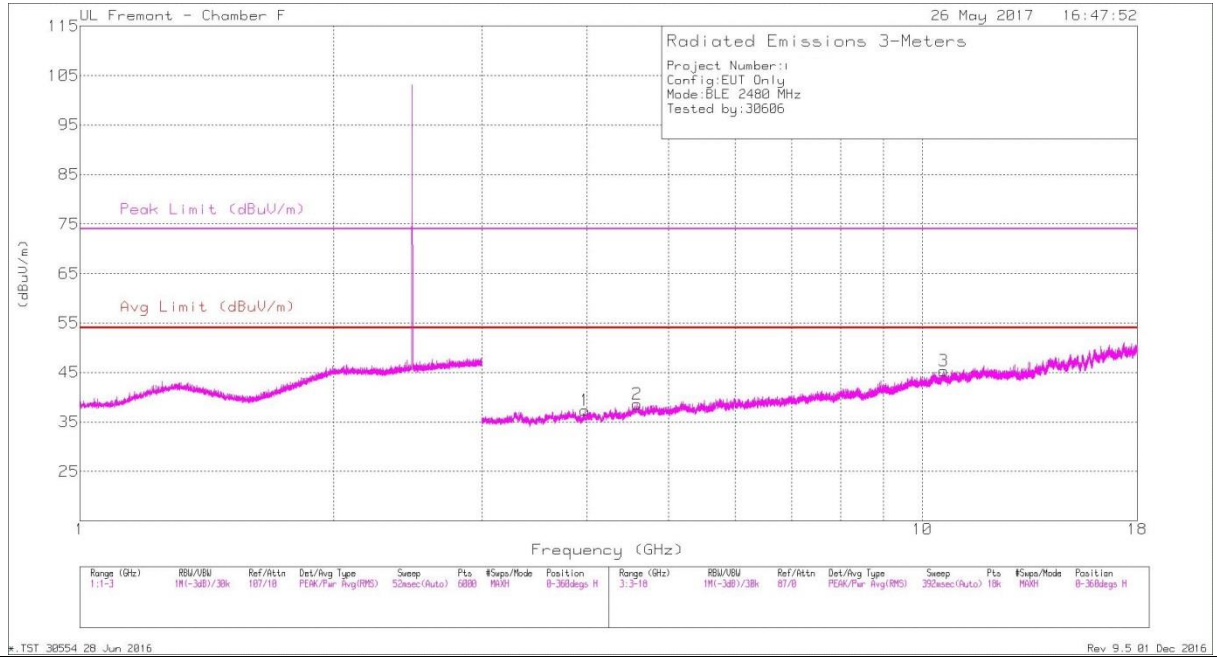


Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.225	42.04	PK2	31.9	-21.1	52.84	-	-	74	-21.16	91	281	H
	* 2.227	29.84	MAv1	31.9	-21.1	40.64	54	-13.36	-	-	91	281	H
2	* 2.498	42.24	PK2	32.2	-21.1	53.34	-	-	74	-20.66	282	363	H
	* 2.496	30.14	MAv1	32.2	-21.1	41.24	54	-12.76	-	-	282	363	H
4	* 1.218	42.34	PK2	29.1	-22.4	49.04	-	-	74	-24.96	292	362	V
	* 1.219	30.18	MAv1	29.1	-22.4	36.88	54	-17.12	-	-	292	362	V
5	* 2.822	42.44	PK2	32.8	-20.5	54.74	-	-	74	-19.26	279	344	V
	* 2.822	29.79	MAv1	32.8	-20.5	42.09	54	-11.91	-	-	279	344	V
3	* 4.523	40.01	PK2	34.1	-27.9	46.21	-	-	74	-27.79	215	355	H
	* 4.524	27.31	MAv1	34.1	-27.9	33.51	54	-20.49	-	-	215	355	H
6	* 4.133	39.47	PK2	33.4	-28.8	44.07	-	-	74	-29.93	284	152	V
	* 4.134	27.65	MAv1	33.4	-28.8	32.25	54	-21.75	-	-	284	152	V

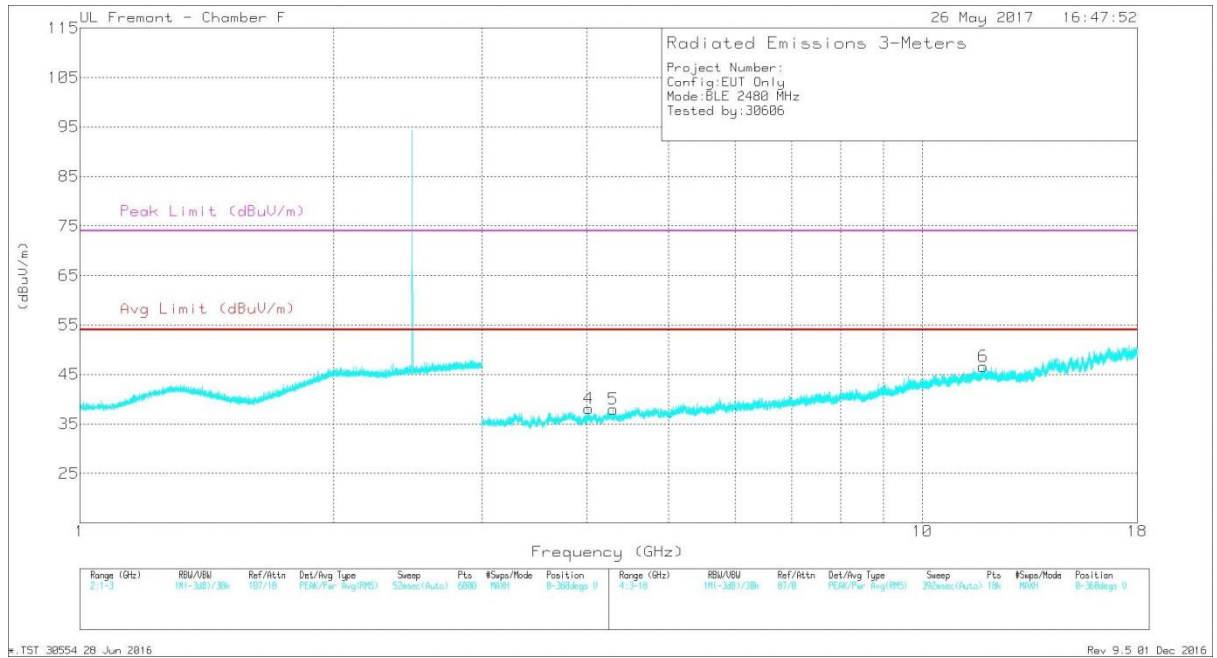
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK2 - KDB558074 Method: Maximum Peak RMS - RMS detection
MAv1 - KDB558074 Option 1 Maximum RMS Average

High CH Bandedge - H.TST 30915 12 Sep 2016
Rev 9.5 01 Dec 2016

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.977	39.46	PK2	33.3	-29	43.76	-	-	74	-30.24	90	307	H
	* 3.979	27.57	MAv1	33.3	-29	31.87	54	-22.13	-	-	90	307	H
2	* 4.582	38.65	PK2	34.1	-27.7	45.05	-	-	74	-28.95	188	167	H
	* 4.585	27.4	MAv1	34.1	-27.8	33.7	54	-20.3	-	-	188	167	H
3	* 10.607	35.2	PK2	37.7	-21.2	51.7	-	-	74	-22.3	301	189	H
	* 10.608	23.68	MAv1	37.7	-21.2	40.18	54	-13.82	-	-	301	189	H
4	* 4.019	40.26	PK2	33.3	-28.9	44.66	-	-	74	-29.34	286	107	V
	* 4.021	27.71	MAv1	33.3	-28.9	32.11	54	-21.89	-	-	286	107	V
5	* 4.299	39.64	PK2	33.7	-28.7	44.64	-	-	74	-29.36	346	383	V
	* 4.298	27.48	MAv1	33.7	-28.7	32.48	54	-21.52	-	-	346	383	V
6	* 11.808	35.74	PK2	39	-21.7	53.04	-	-	74	-20.96	321	353	V
	* 11.807	23.97	MAv1	39	-21.7	41.27	54	-12.73	-	-	321	353	V

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

PK2 - KDB558074 Method: Maximum Peak

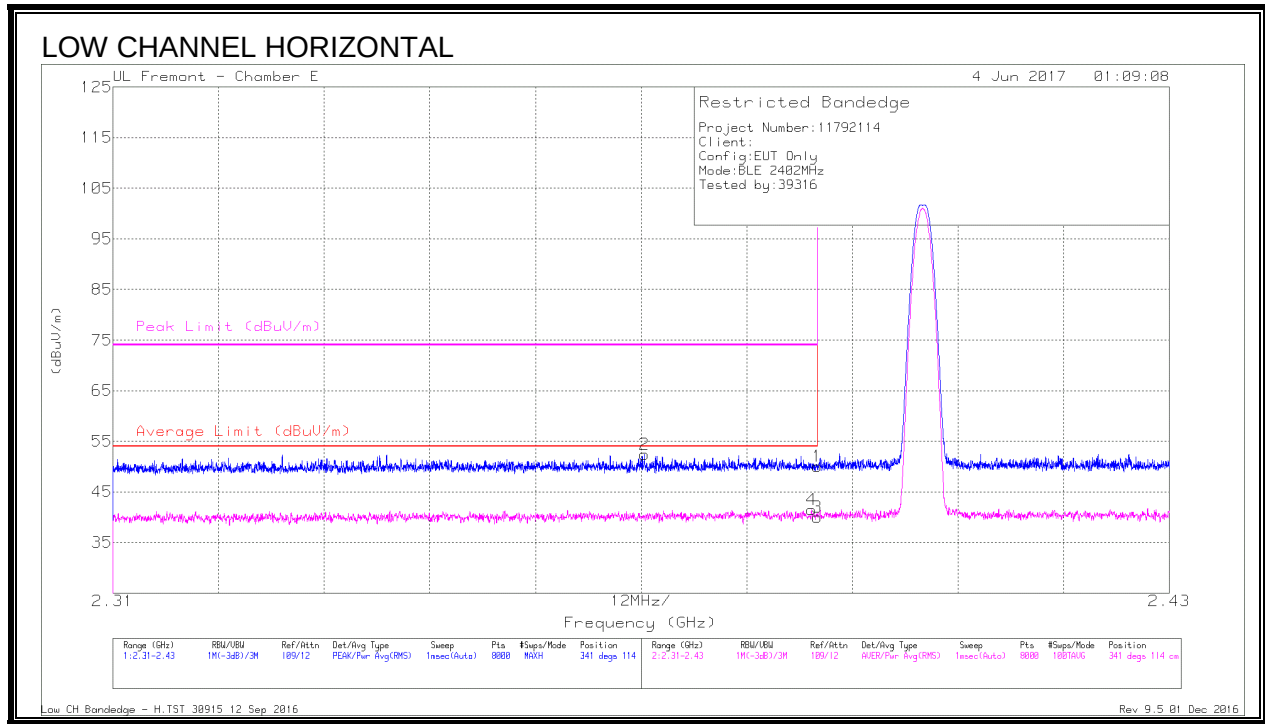
MAv1 - KDB558074 Option 1 Maximum RMS Average

*.TST 30554 28 Jun 2016

Rev 9.5 01 Dec 2016

8.5. LAT 3 Plow

8.5.1. RESTRICTED BANDEGE (LOW CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl /Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	37.59	Pk	32.2	-19.7	50.09	-	-	74	-23.91	341	114	H
2	* 2.37	39.95	Pk	32.2	-19.8	52.35	-	-	74	-21.65	341	114	H
3	* 2.39	27.54	RMS	32.2	-19.7	40.04	54	-13.96	-	-	341	114	H
4	* 2.389	29.01	RMS	32.2	-19.7	41.51	54	-12.49	-	-	341	114	H

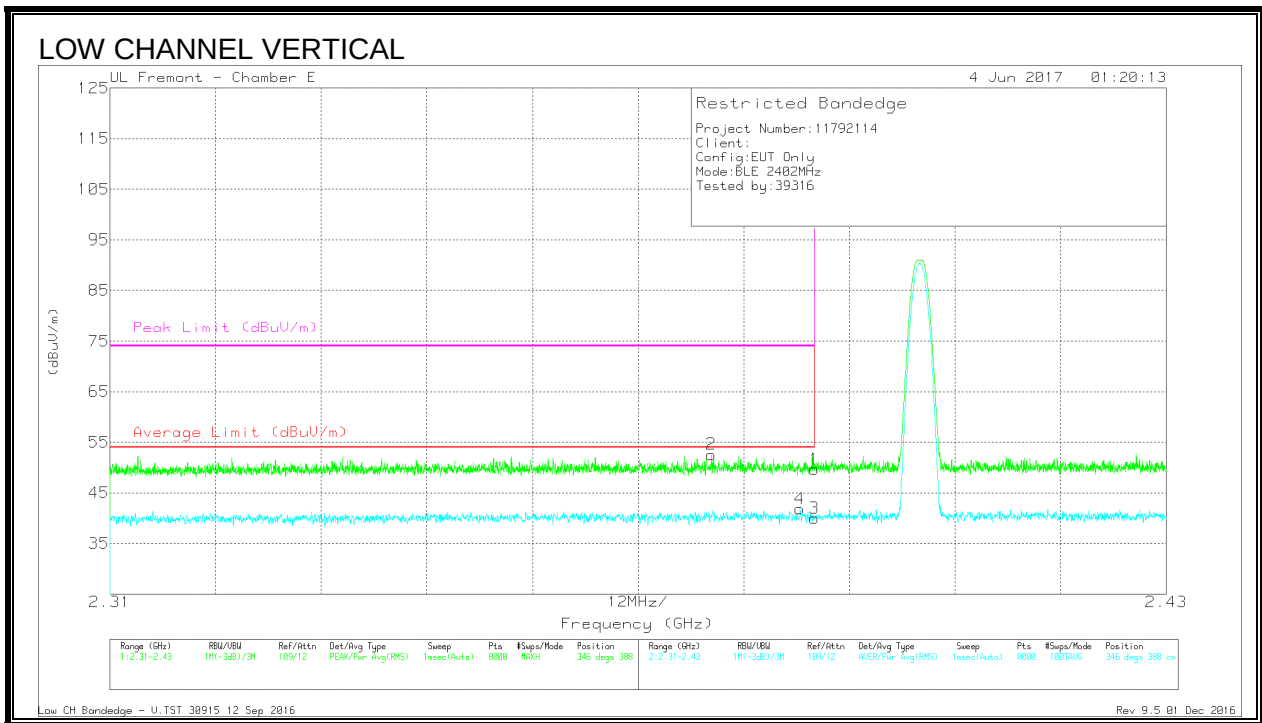
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

Low CH Bandedge - H.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/ Fitr/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	37.12	Pk	32.2	-19.7	49.62	-	-	74	-24.38	346	388	V
2	* 2.378	40.09	Pk	32.2	-19.7	52.59	-	-	74	-21.41	346	388	V
3	* 2.39	27.48	RMS	32.2	-19.7	39.98	54	-14.02	-	-	346	388	V
4	* 2.388	29.35	RMS	32.2	-19.7	41.85	54	-12.15	-	-	346	388	V

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

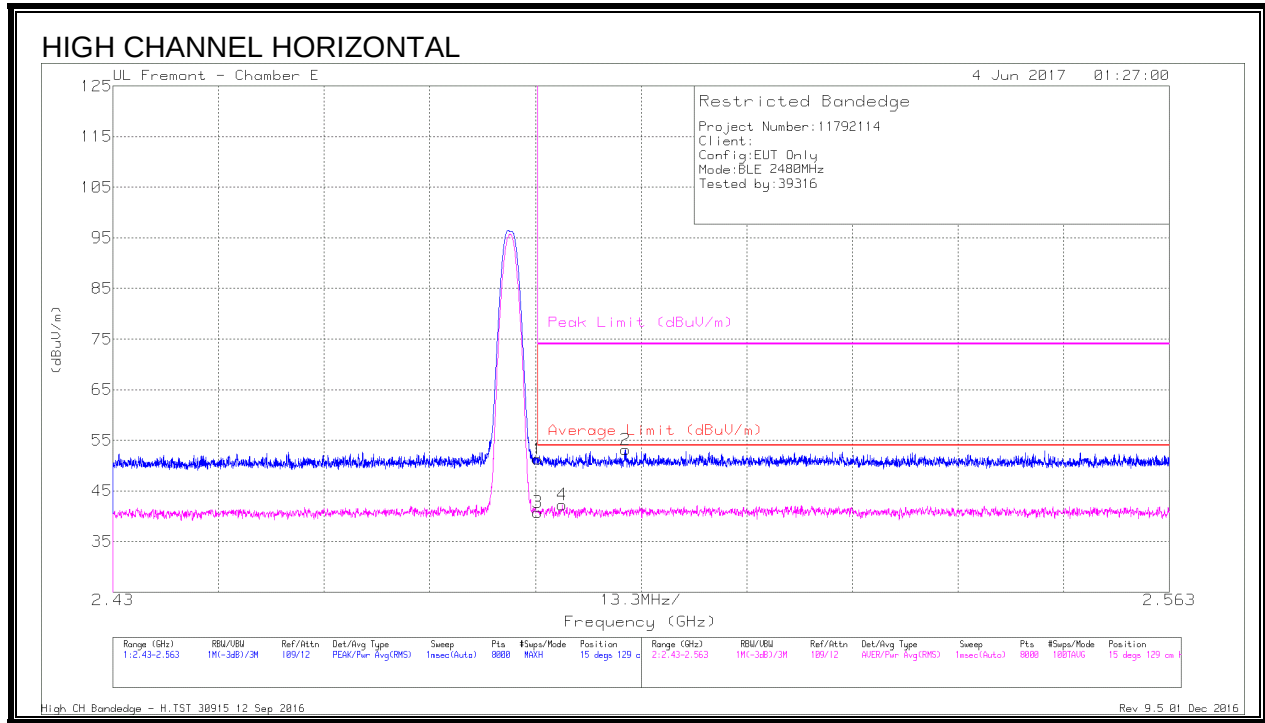
Pk - Peak detector

RMS - RMS detection

Low CH Bandedge - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

8.5.2. AUTHORIZED BANDEDGE (HIGH CHANNEL)



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
1	* 2.484	38.32	Pk	32.7	-19.7	51.32	-	-	74	-22.68	15	129	H
2	* 2.495	40.29	Pk	32.7	-19.8	53.19	-	-	74	-20.81	15	129	H
3	* 2.484	27.79	RMS	32.7	-19.7	40.79	54	-13.21	-	-	15	129	H
4	* 2.487	29.38	RMS	32.7	-19.8	42.28	54	-11.72	-	-	15	129	H

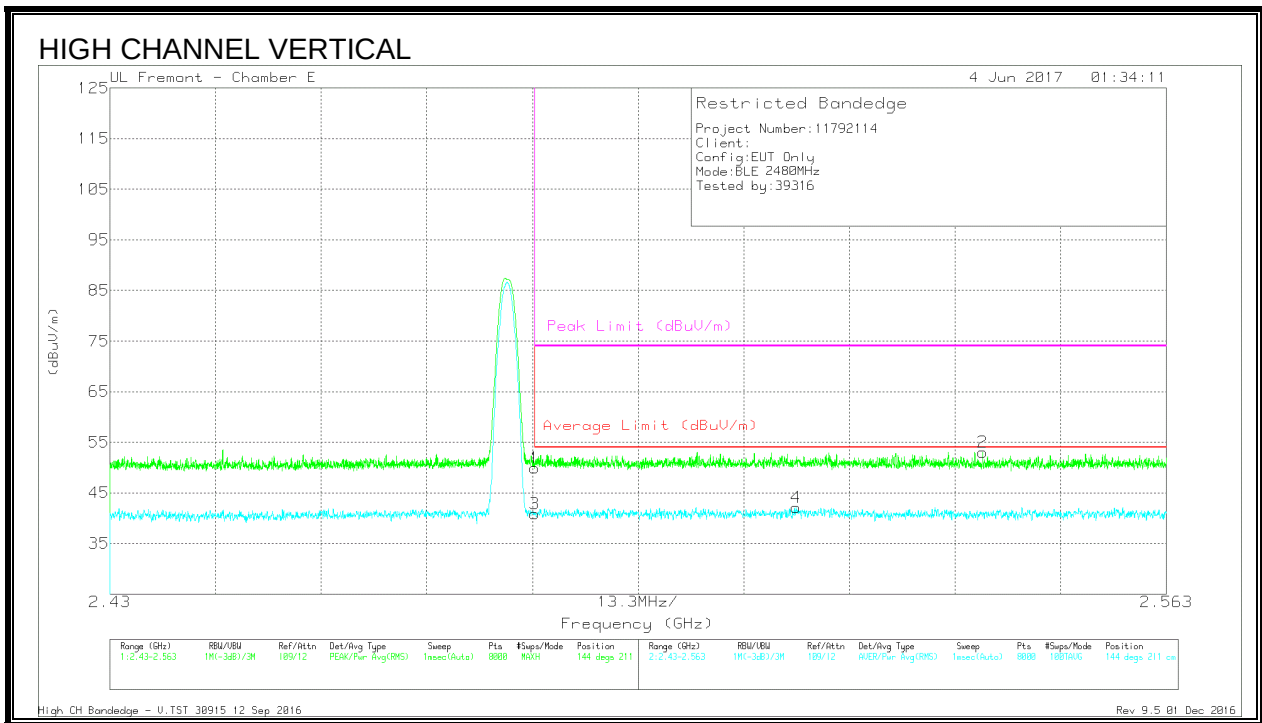
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

High CH Bandedge - H.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/ 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	36.88	Pk	32.7	-19.7	49.88	-	-	74	-24.12	144	211	V
2	2.54	40.34	Pk	32.7	-20	53.04	-	-	74	-20.96	144	211	V
3	* 2.484	27.85	RMS	32.7	-19.7	40.85	54	-13.15	-	-	144	211	V
4	2.516	29.14	RMS	32.7	-19.7	42.14	54	-11.86	-	-	144	211	V

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

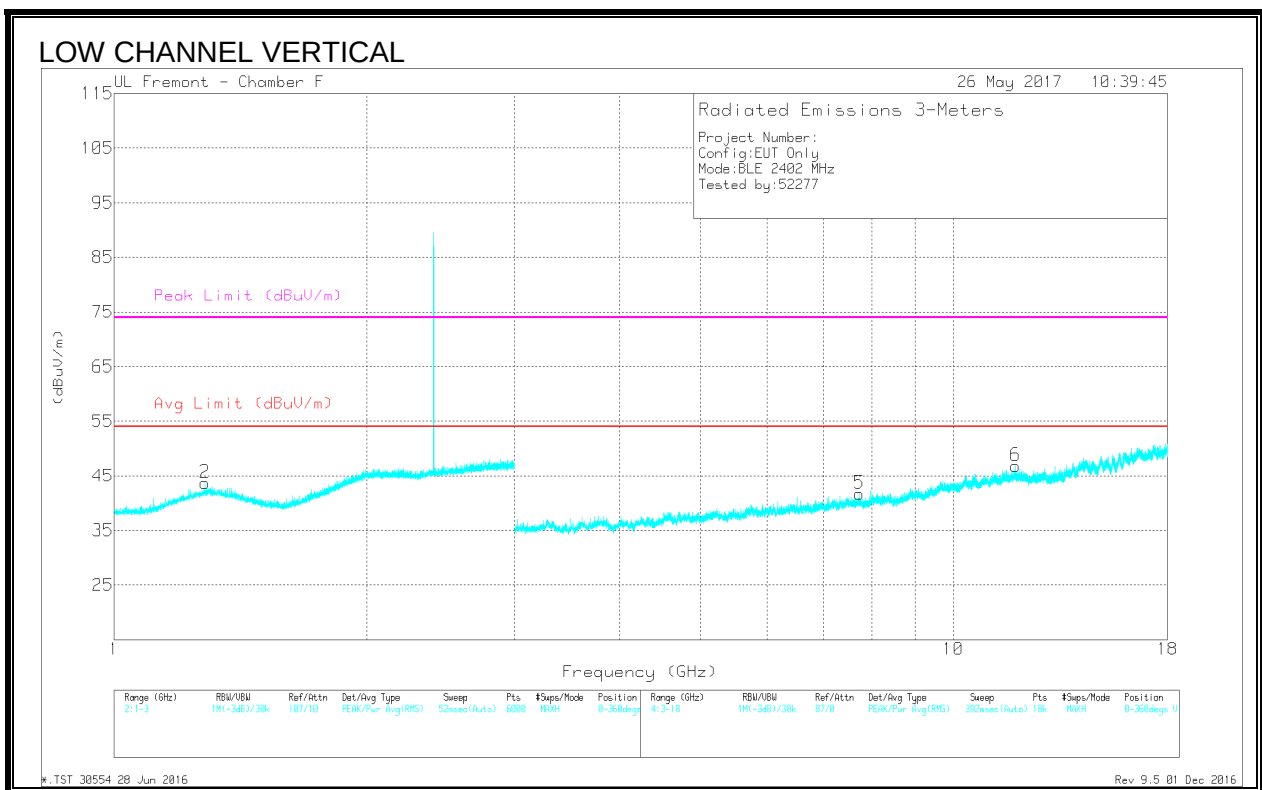
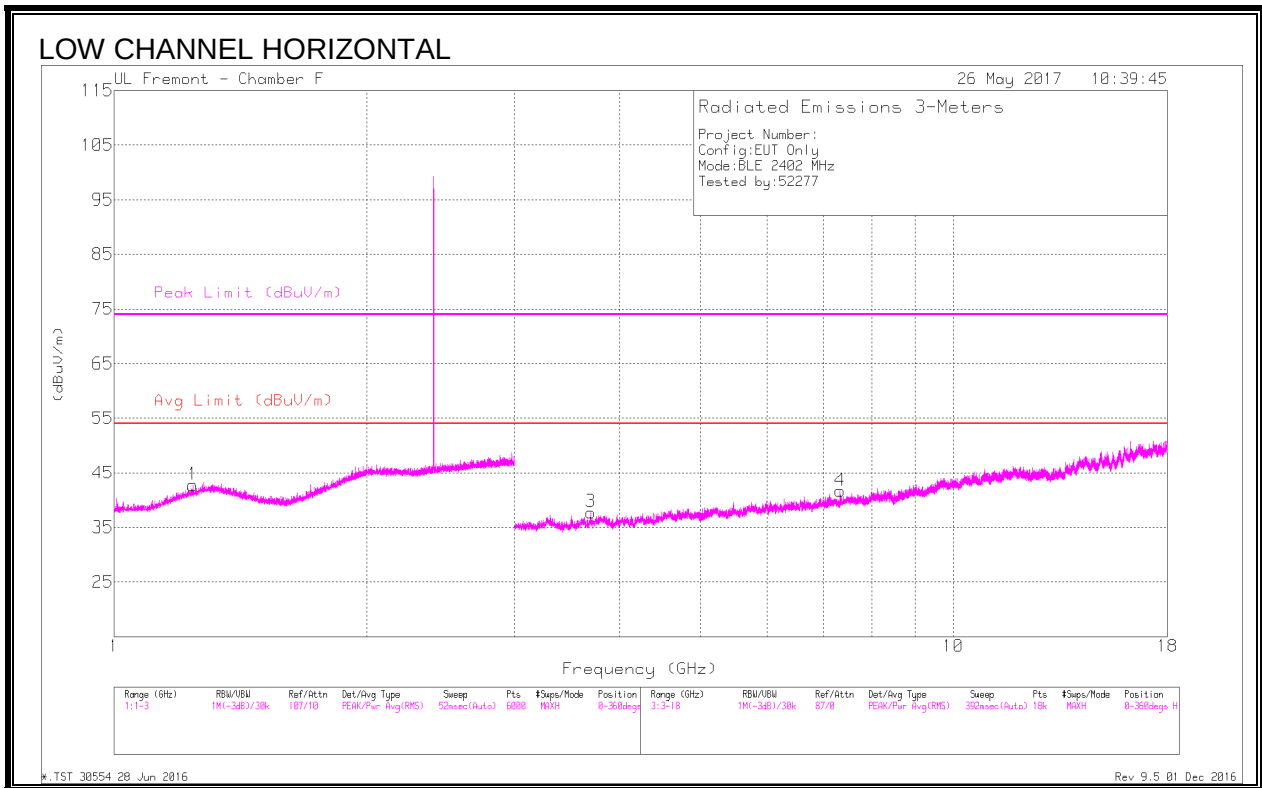
Pk - Peak detector

RMS - RMS detection

High CH Bandedge - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

8.5.3. HARMONICS AND SPURIOUS EMISSIONS



Markers	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)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.24	42.38	PK2	29.4	-22.4	49.38	-	-	74	-24.62	334	326	H
	* 1.239	30.11	MAv1	29.4	-22.4	37.11	54	-16.89	-	-	334	326	H
2	* 1.284	41.96	PK2	29.9	-22.2	49.66	-	-	74	-24.34	237	373	V
	* 1.282	30.19	MAv1	29.9	-22.2	37.89	54	-16.11	-	-	237	373	V
3	* 3.699	40.1	PK2	33.3	-29.3	44.1	-	-	74	-29.9	262	107	H
	* 3.698	28.13	MAv1	33.3	-29.3	32.13	54	-21.87	-	-	262	107	H
4	* 7.333	38.24	PK2	35.9	-26	48.14	-	-	74	-25.86	162	144	H
	* 7.332	25.83	MAv1	35.9	-26	35.73	54	-18.27	-	-	162	144	H
5	* 7.722	36.57	PK2	36	-25	47.57	-	-	74	-26.43	0	400	V
	* 7.725	25	MAv1	36	-25	36	54	-18	-	-	0	400	V
6	* 11.862	35.57	PK2	39	-21.5	53.07	-	-	74	-20.93	136	128	V
	* 11.861	23.64	MAv1	39	-21.5	41.14	54	-12.86	-	-	136	128	V

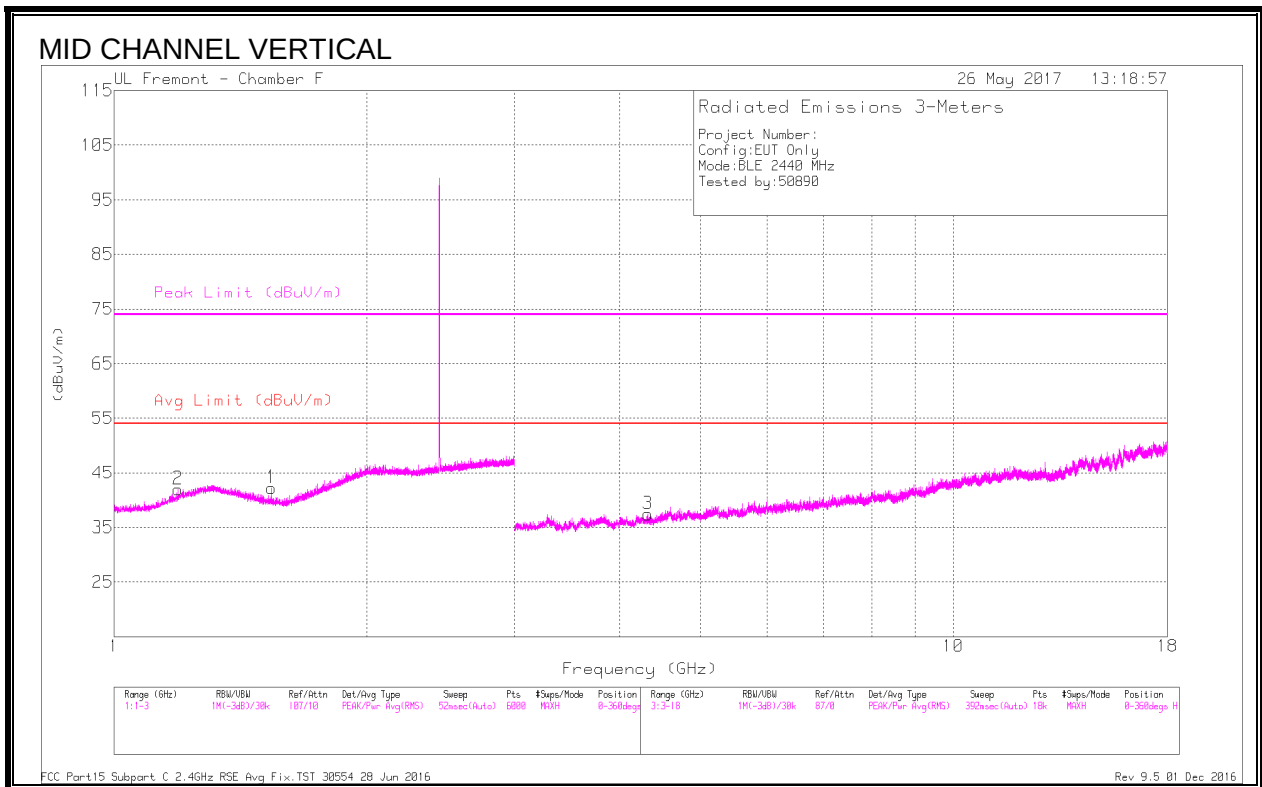
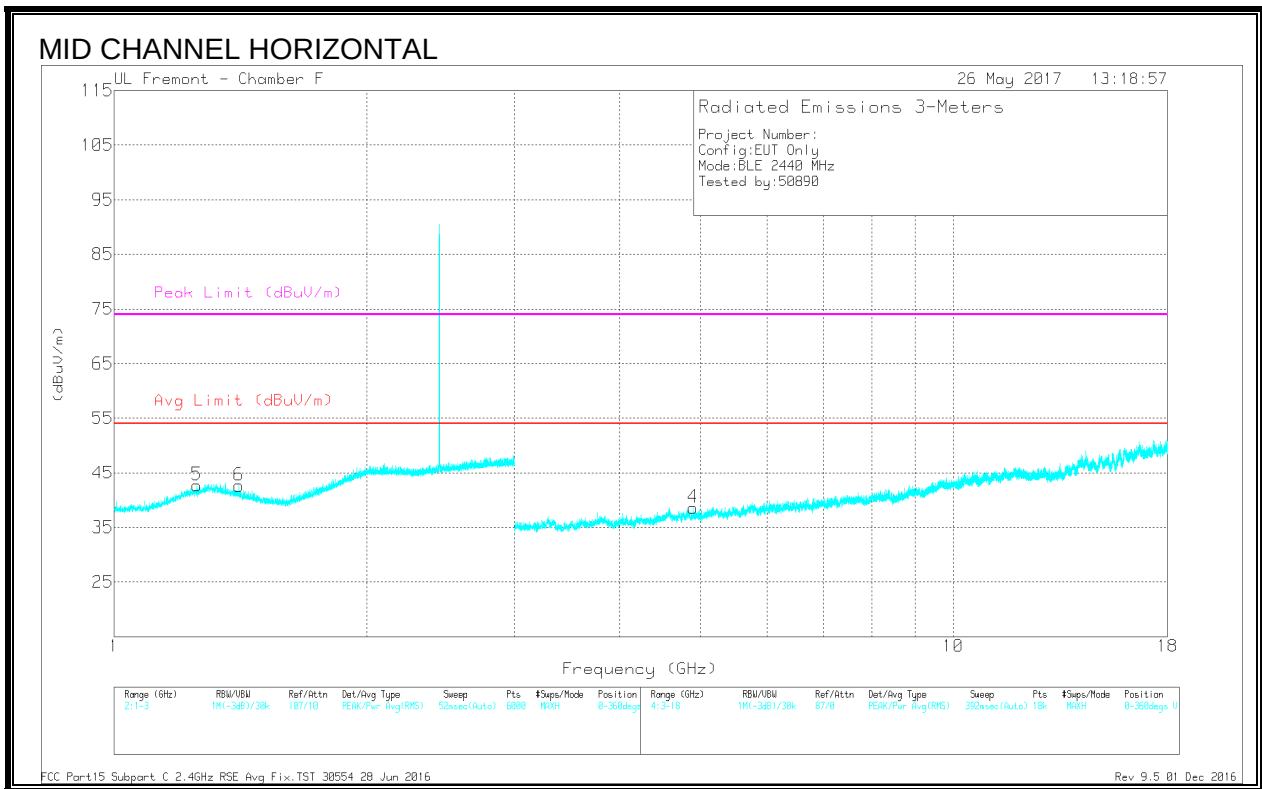
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

*.TST 30554 28 Jun 2016

Rev 9.5 01 Dec 2016



Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl /Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.539	42.02	PK2	27.5	-22	47.52	-	-	74	-26.48	123	255	H
	* 1.54	29.94	MAv1	27.5	-22	35.44	54	-18.56	-	-	123	255	H
2	* 1.19	42.51	PK2	28.6	-22.5	48.61	-	-	74	-25.39	39	136	H
	* 1.191	30.18	MAv1	28.7	-22.5	36.38	54	-17.62	-	-	39	136	H
5	* 1.257	42.03	PK2	29.6	-22.3	49.33	-	-	74	-24.67	236	175	V
	* 1.256	30.06	MAv1	29.6	-22.3	37.36	54	-16.64	-	-	236	175	V
6	* 1.408	41.79	PK2	29	-22	48.79	-	-	74	-25.21	248	242	V
	* 1.406	29.95	MAv1	29	-22	36.95	54	-17.05	-	-	248	242	V
3	* 4.326	39.3	PK2	33.7	-28.7	44.3	-	-	74	-29.7	47	272	H
	* 4.327	27.58	MAv1	33.7	-28.7	32.58	54	-21.42	-	-	47	272	H
4	* 4.897	38.71	PK2	34.2	-27.9	45.01	-	-	74	-28.99	274	263	V
	* 4.894	26.87	MAv1	34.2	-27.9	33.17	54	-20.83	-	-	274	263	V

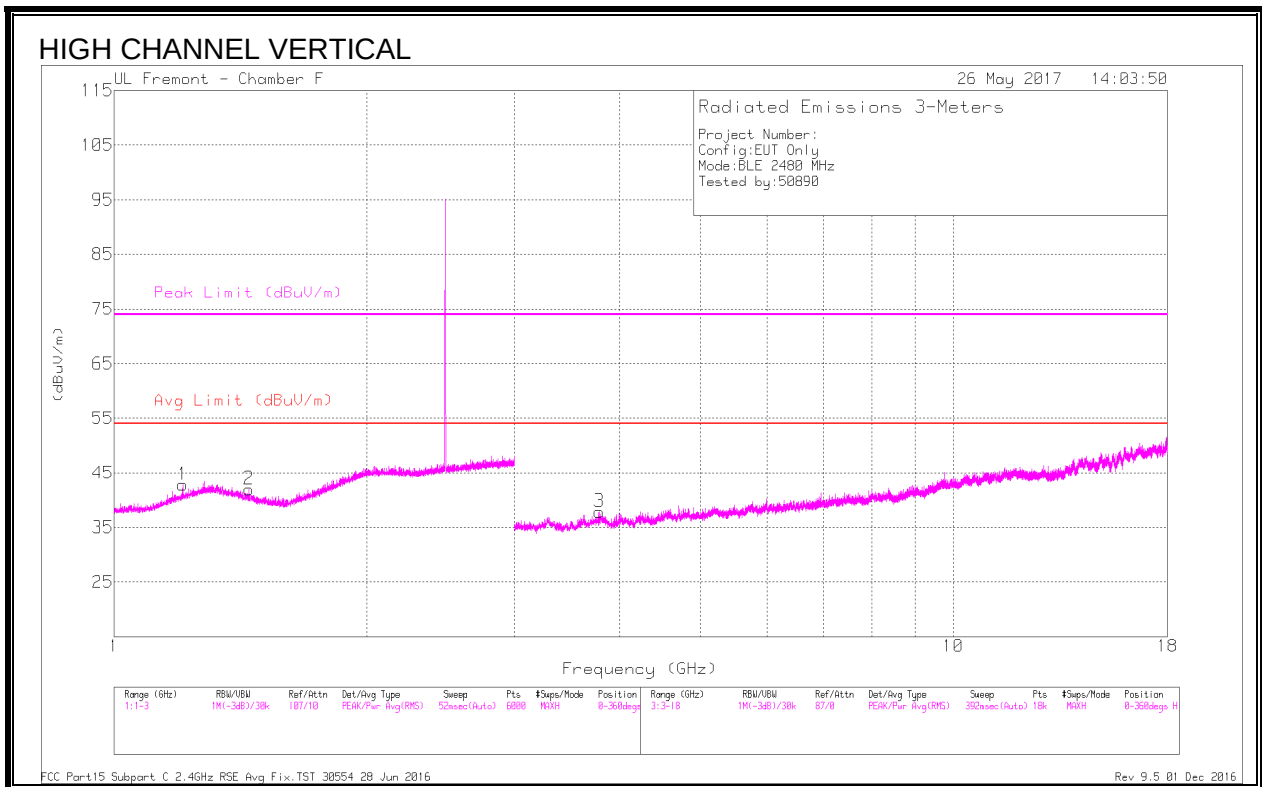
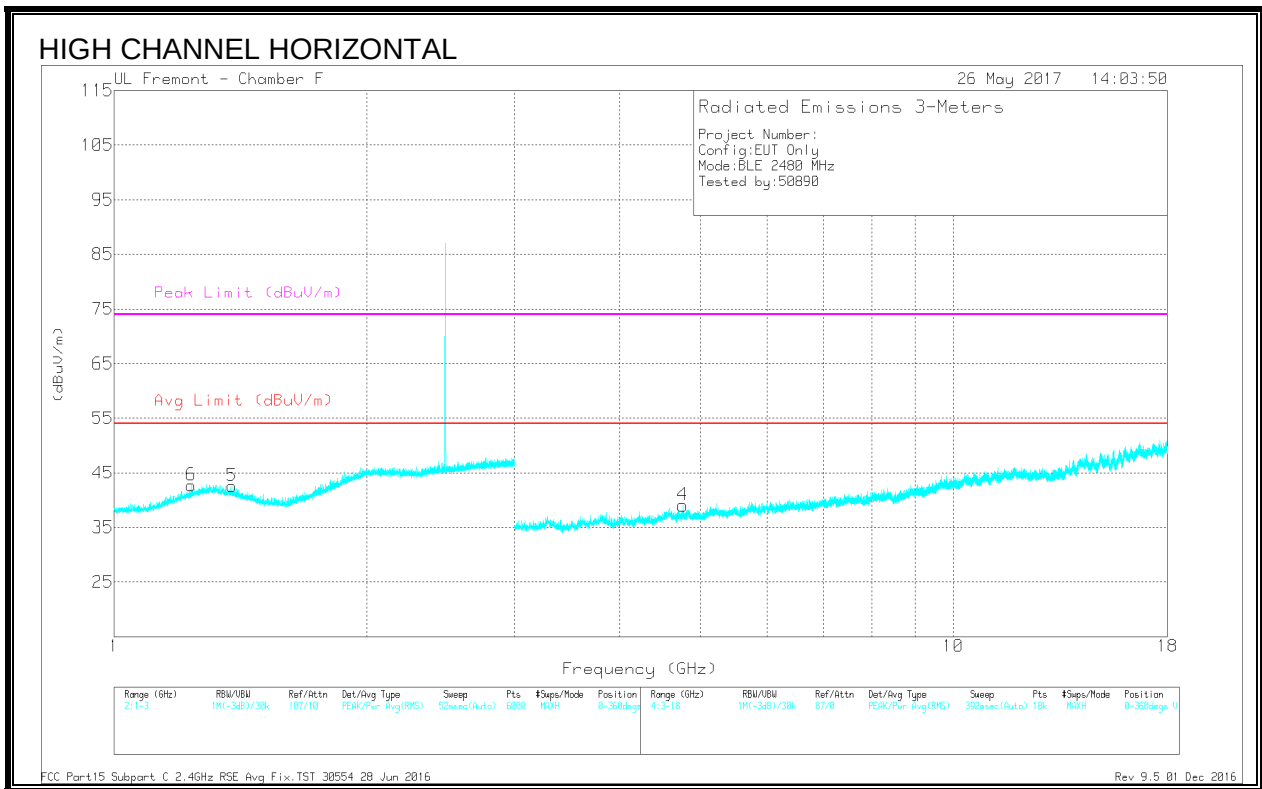
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15 Subpart C 2.4GHz RSE Avg Fix.TST 30554 28 Jun 2016

Rev 9.5 01 Dec 2016



Markers	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)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.208	42.07	PK2	29	-22.5	48.57	-	-	74	-25.43	313	151	H
	* 1.208	30.16	MAv1	29	-22.5	36.66	54	-17.34	-	-	313	151	H
2	* 1.448	42.39	PK2	28.4	-22	48.79	-	-	74	-25.21	238	213	H
	* 1.449	29.98	MAv1	28.4	-22	36.38	54	-17.62	-	-	238	213	H
5	* 1.382	43.1	PK2	29.3	-22.1	50.3	-	-	74	-23.7	358	366	V
	* 1.379	30.04	MAv1	29.3	-22.1	37.24	54	-16.76	-	-	358	366	V
6	* 1.236	43.14	PK2	29.3	-22.4	50.04	-	-	74	-23.96	262	106	V
	* 1.236	30.12	MAv1	29.3	-22.4	37.02	54	-16.98	-	-	262	106	V
3	* 3.784	39.21	PK2	33.3	-28.9	43.61	-	-	74	-30.39	252	396	H
	* 3.787	27.75	MAv1	33.3	-28.8	32.25	54	-21.75	-	-	252	396	H
4	* 4.762	38.35	PK2	34.1	-27.7	44.75	-	-	74	-29.25	77	367	V
	* 4.76	27.09	MAv1	34.1	-27.8	33.39	54	-20.61	-	-	77	367	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

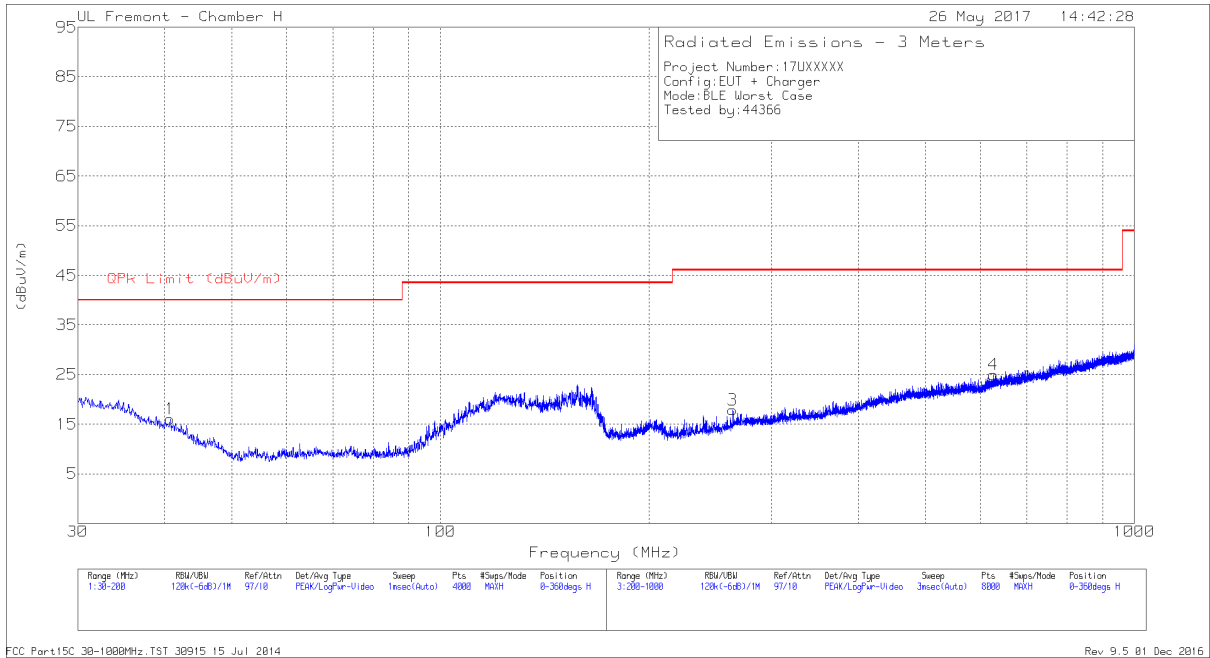
FCC Part15 Subpart C 2.4GHz RSE Avg Fix.TST 30554 28 Jun 2016

Rev 9.5 01 Dec 2016

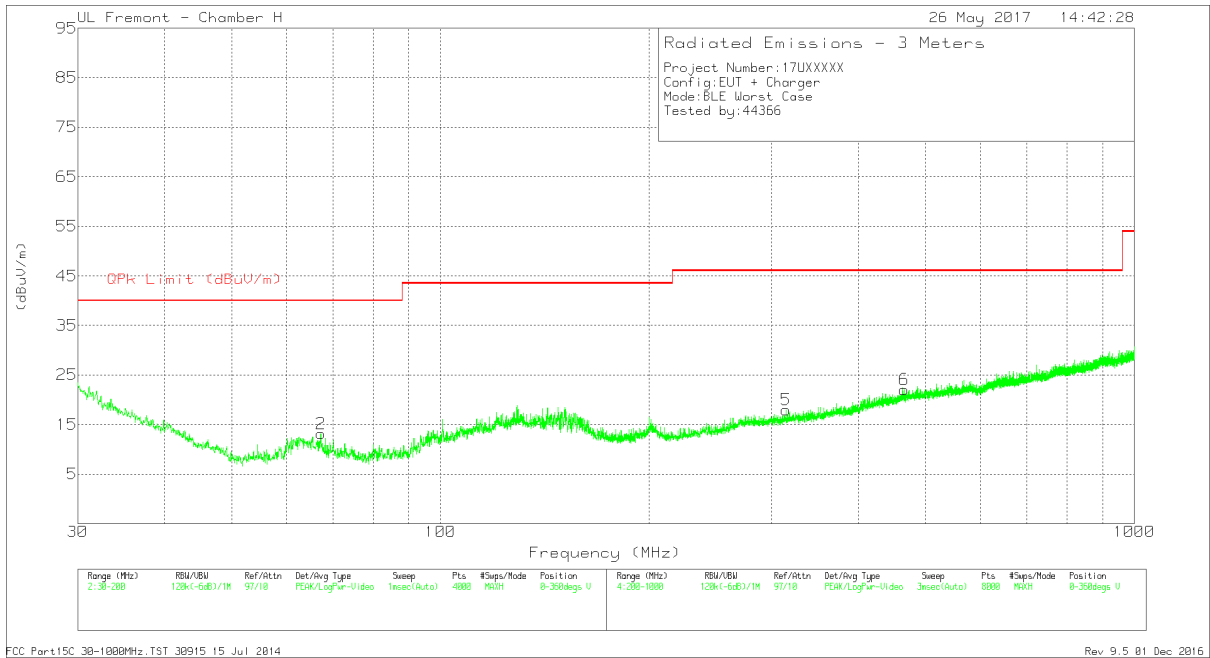
8.6. WORST-CASE BELOW 1 GHz

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

HORIZONTAL PLOT



VERTICAL PLOT



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
1	40.7553	29.7	Pk	17.6	-31.2	16.1	40	-23.9	0-360	199	H
2	67.2396	32.17	Pk	11.8	-30.8	13.17	40	-26.83	0-360	100	V
3	* 263.9083	30.79	Pk	16.5	-29.4	17.89	46.02	-28.13	0-360	101	H
4	626.4554	29.62	Pk	23.2	-27.9	24.92	46.02	-21.1	0-360	199	H
5	314.8149	29.31	Pk	17.6	-29	17.91	46.02	-28.11	0-360	199	V
6	465.9346	29.3	Pk	21.2	-28.5	22	46.02	-24.02	0-360	199	V

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

Pk - Peak detector

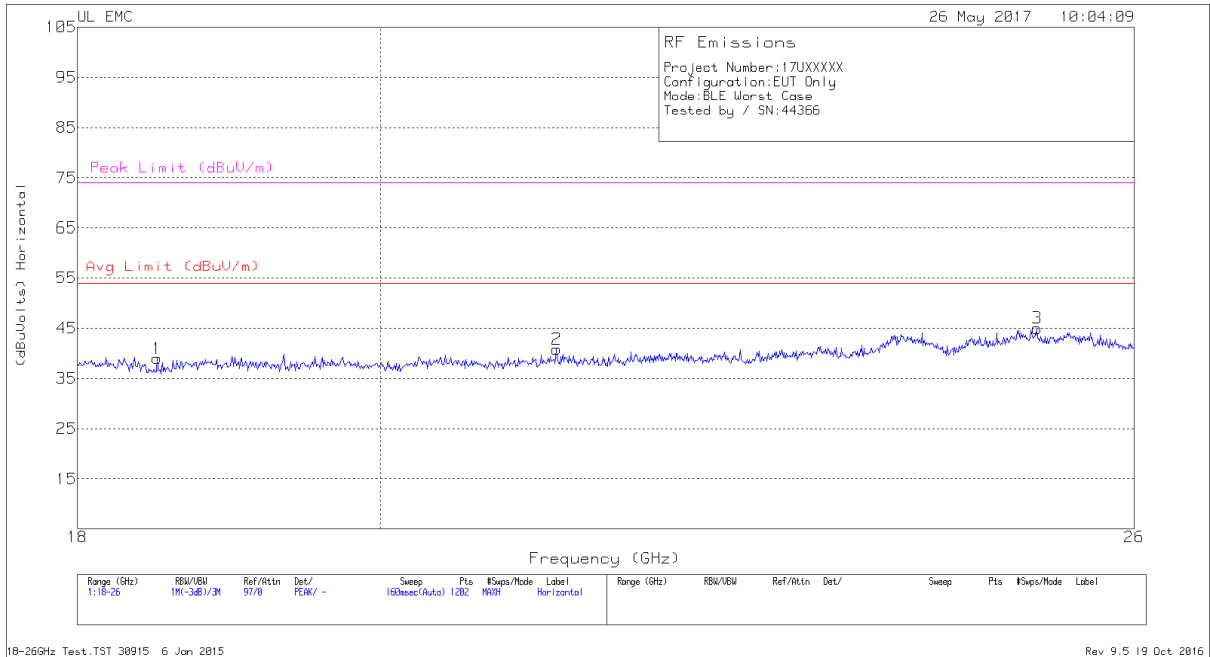
FCC Part 15 Subpart C 30-1000MHz.TST 30915 15 Jul 2014

Rev 9.5 26 Apr 2016

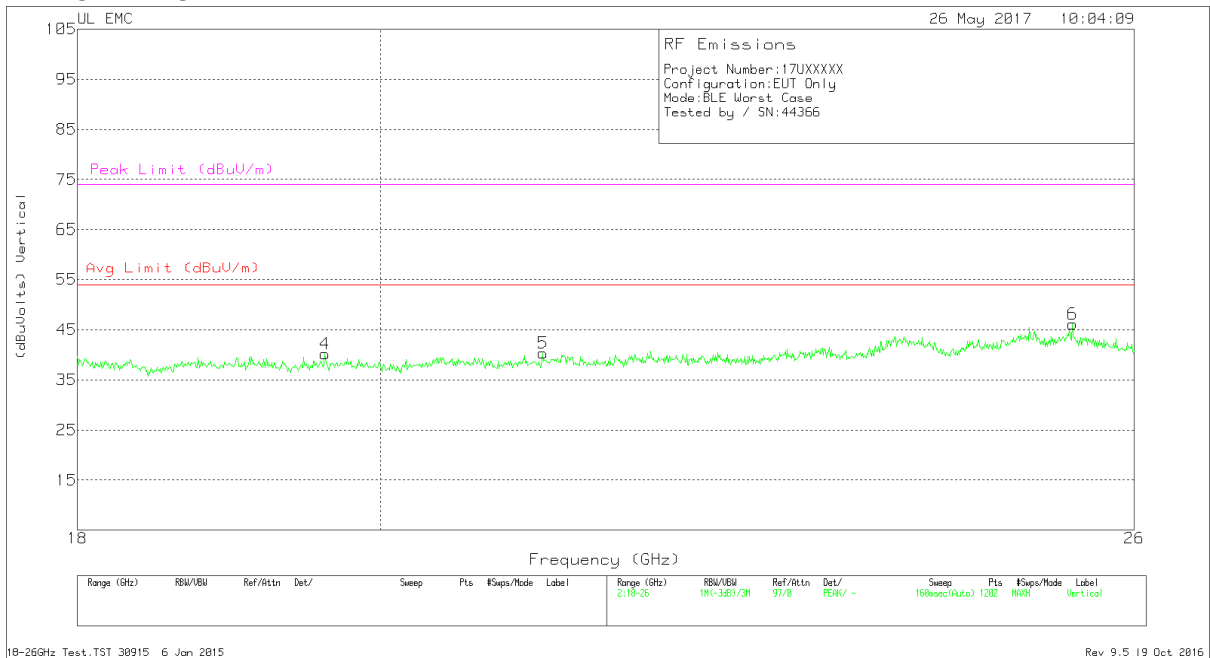
8.7. WORST-CASE ABOVE 18 GHz

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

HORIZONTAL PLOT



VERTICAL PLOT



Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T449 (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	18.506	41.6	Pk	32.6	-25.7	-9.5	39	54	-15	74	-35
2	21.264	42.63	Pk	33.1	-25.4	-9.5	40.83	54	-13.17	74	-33.17
3	25.134	44.9	Pk	34.3	-24.7	-9.5	45	54	-9	74	-29
4	19.619	41.87	Pk	32.7	-24.9	-9.5	40.17	54	-13.83	74	-33.83
5	21.164	41.93	Pk	33.1	-25.2	-9.5	40.33	54	-13.67	74	-33.67
6	25.447	45.67	Pk	34.4	-24.4	-9.5	46.17	54	-7.833	74	-27.83

Pk - Peak detector

18-26GHz Test.TST 30915 6 Jan 2015

Rev 9.5 19 Oct 2016

8.8. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBμV)	
	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.

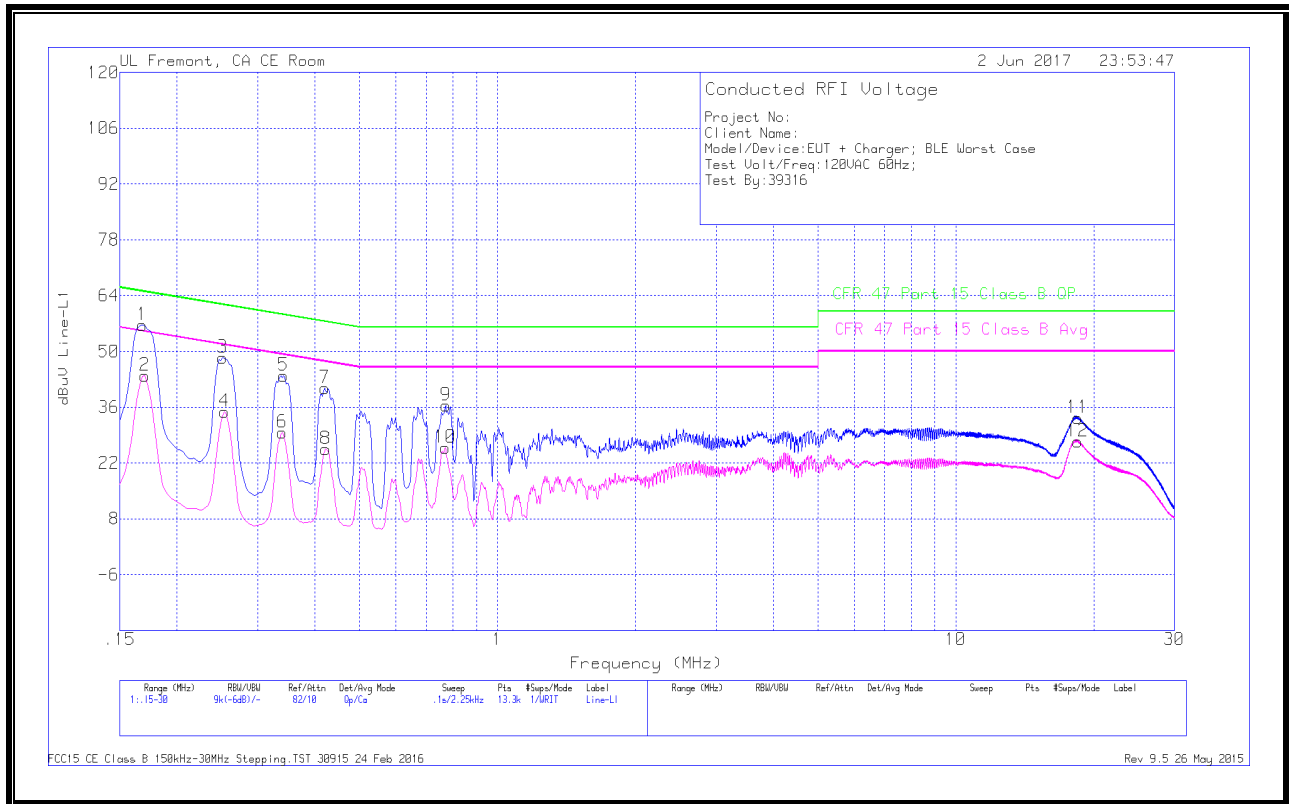
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

8.9. EUT POWERED BY AC/DC ADAPTER VIA USB CABLE

LINE 1 RESULTS



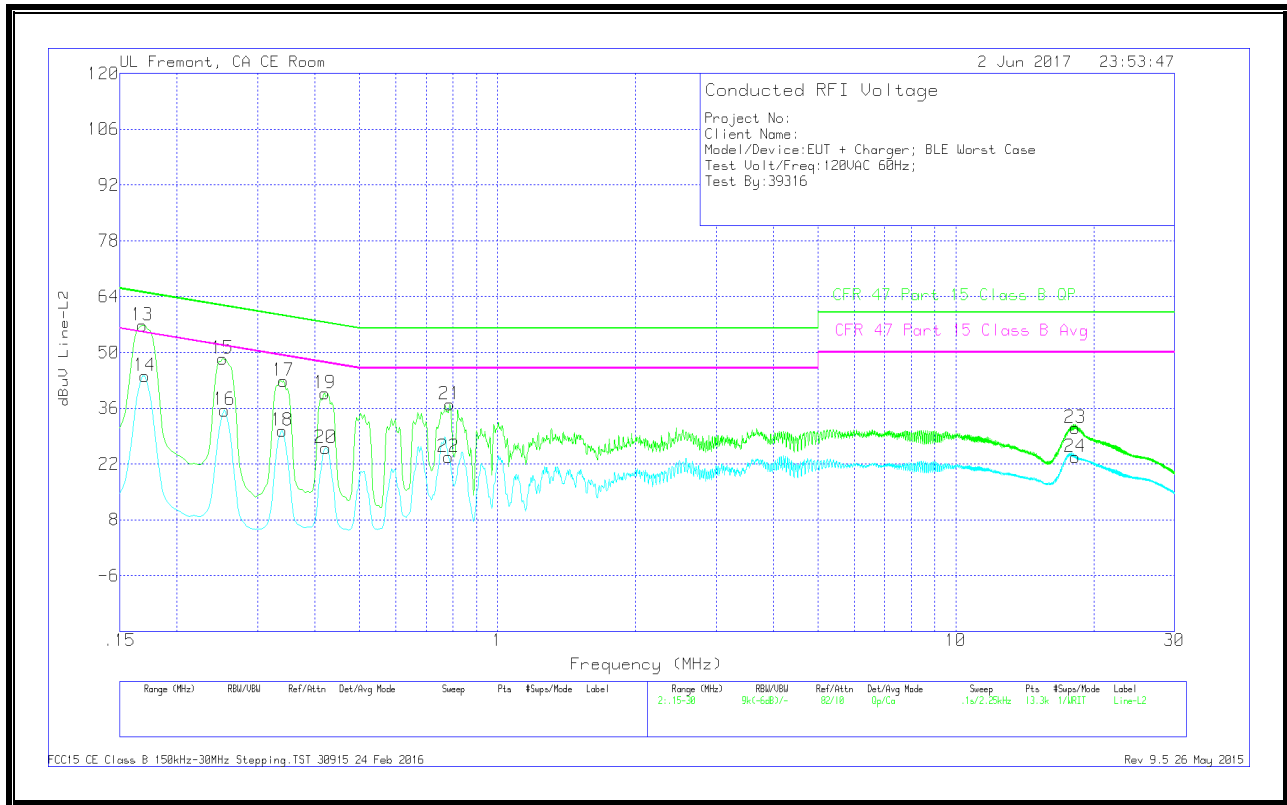
WORST EMISSIONS

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	46.53	Qp	0	0	10.1	56.63	65.06	-8.43	-	-
2	.17025	33.69	Ca	0	.1	10.1	43.89	-	-	54.95	-11.06
3	.25125	38.31	Qp	0	.1	10.1	48.51	61.72	-13.21	-	-
4	.2535	24.73	Ca	0	.1	10.1	34.93	-	-	51.64	-16.71
5	.34125	33.67	Qp	0	.1	10.1	43.87	59.17	-15.3	-	-
6	.339	19.5	Ca	0	.1	10.1	29.7	-	-	49.23	-19.53
7	.42	30.66	Qp	0	.1	10.1	40.86	57.45	-16.59	-	-
8	.42225	15.23	Ca	0	.1	10.1	25.43	-	-	47.4	-21.97
9	.771	26.18	Qp	0	.1	10.1	36.38	56	-19.62	-	-
10	.76875	15.66	Ca	0	.1	10.1	25.86	-	-	46	-20.14
11	18.4583	22.79	Qp	0	.3	10.3	33.39	60	-26.61	-	-
12	18.4571	16.8	Ca	0	.3	10.3	27.4	-	-	50	-22.6

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



WORST EMISSIONS

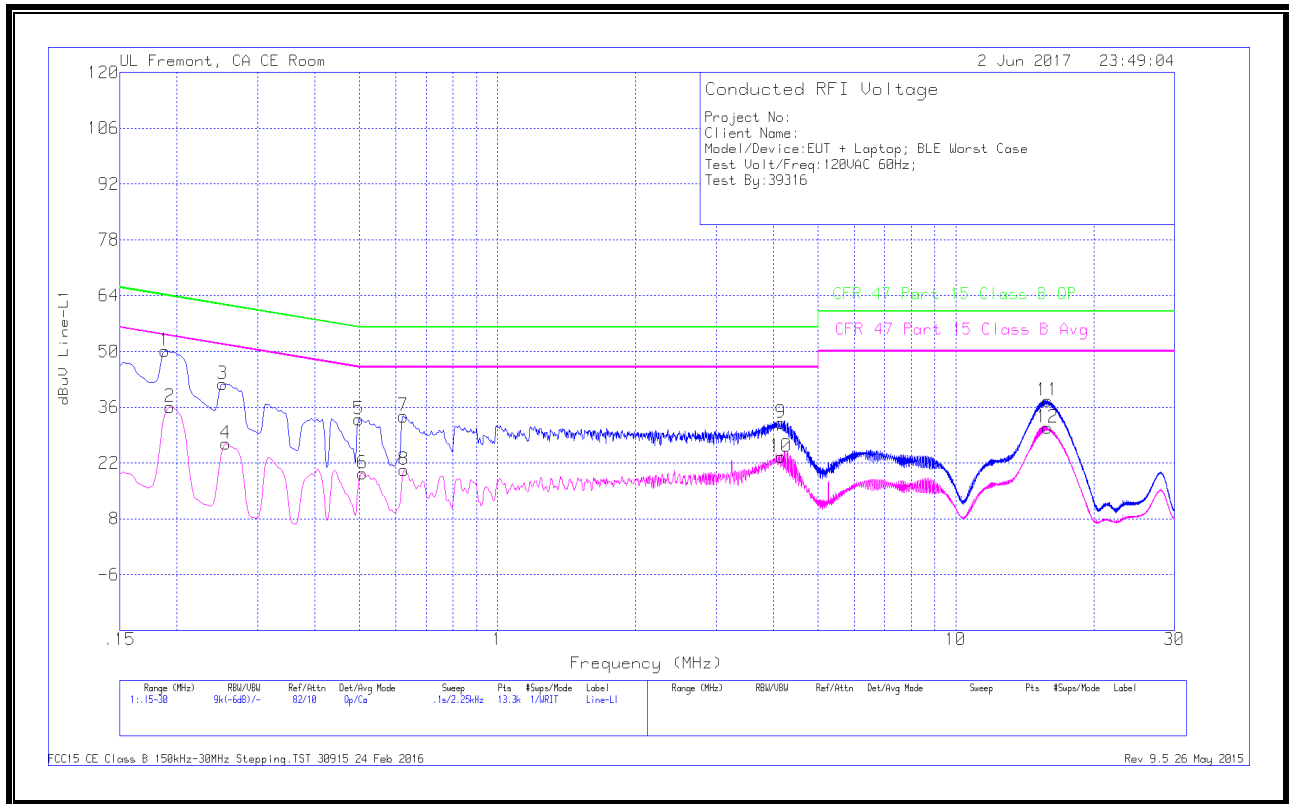
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
13	.168	46.72	Qp	0	0	10.1	56.82	65.06	-8.24	-	-
14	.17025	33.96	Ca	0	.1	10.1	44.16	-	-	54.95	-10.79
15	.25125	38.24	Qp	0	.1	10.1	48.44	61.72	-13.28	-	-
16	.2535	25.29	Ca	0	.1	10.1	35.49	-	-	51.64	-16.15
17	.34125	32.7	Qp	0	.1	10.1	42.9	59.17	-16.27	-	-
18	.339	20.15	Ca	0	.1	10.1	30.35	-	-	49.23	-18.88
19	.42	29.59	Qp	0	.1	10.1	39.79	57.45	-17.66	-	-
20	.42225	15.88	Ca	0	.1	10.1	26.08	-	-	47.4	-21.32
21	.78675	26.8	Qp	0	.1	10.1	37	56	-19	-	-
22	.78225	13.57	Ca	0	.1	10.1	23.77	-	-	46	-22.23
23	18.2333	20.49	Qp	0	.3	10.3	31.09	60	-28.91	-	-
24	18.213	13.11	Ca	0	.3	10.3	23.71	-	-	50	-26.29

Qp - Quasi-Peak detector

Ca - CISPR average detection

8.10. EUT POWERED BY HOST PC VIA USB CABLE

LINE 1 RESULTS



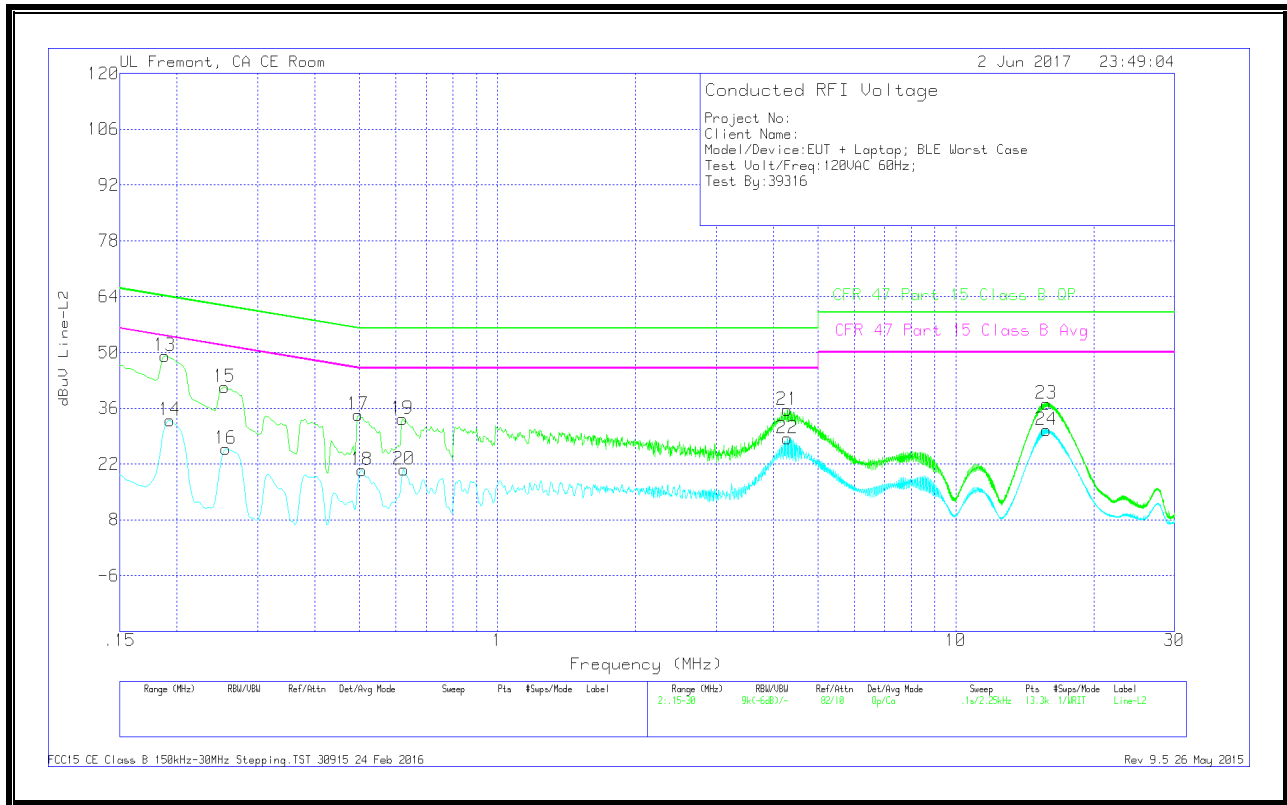
WORST EMISSIONS

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	.18825	40.02	Qp	0	.1	10.1	50.22	64.11	-13.89	-	-
2	.19275	25.89	Ca	0	.1	10.1	36.09	-	-	53.92	-17.83
3	.25125	31.59	Qp	0	.1	10.1	41.79	61.72	-19.93	-	-
4	.25575	16.62	Ca	0	.1	10.1	26.82	-	-	51.57	-24.75
5	.49875	22.7	Qp	0	.1	10.1	32.9	56.02	-23.12	-	-
6	.50775	9.28	Ca	0	.1	10.1	19.48	-	-	46	-26.52
7	.6225	23.55	Qp	0	.1	10.1	33.75	56	-22.25	-	-
8	.62475	10	Ca	0	.1	10.1	20.2	-	-	46	-25.8
9	4.155	21.91	Qp	0	.1	10.1	32.11	56	-23.89	-	-
10	4.155	13.32	Ca	0	.1	10.1	23.52	-	-	46	-22.48
11	15.8708	27.08	Qp	0	.2	10.3	37.58	60	-22.42	-	-
12	15.8663	20.35	Ca	0	.2	10.3	30.85	-	-	50	-19.15

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



WORST EMISSIONS

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	.18825	38.98	Qp	0	.1	10.1	49.18	64.11	-14.93	-	-
14	.19275	22.81	Ca	0	.1	10.1	33.01	-	-	53.92	-20.91
15	.2535	31.11	Qp	0	.1	10.1	41.31	61.64	-20.33	-	-
16	.25575	15.57	Ca	0	.1	10.1	25.77	-	-	51.57	-25.8
17	.4965	24.14	Qp	0	.1	10.1	34.34	56.06	-21.72	-	-
18	.5055	10.24	Ca	0	.1	10.1	20.44	-	-	46	-25.56
19	.62025	23.08	Qp	0	.1	10.1	33.28	56	-22.72	-	-
20	.62475	10.46	Ca	0	.1	10.1	20.66	-	-	46	-25.34
21	4.2945	25.3	Qp	0	.1	10.1	35.5	56	-20.5	-	-
22	4.2945	18.3	Ca	0	.1	10.1	28.5	-	-	46	-17.5
23	15.7763	26.56	Qp	0	.2	10.3	37.06	60	-22.94	-	-
24	15.7763	20.08	Ca	0	.2	10.3	30.58	-	-	50	-19.42

Qp - Quasi-Peak detector

Ca - CISPR average detection