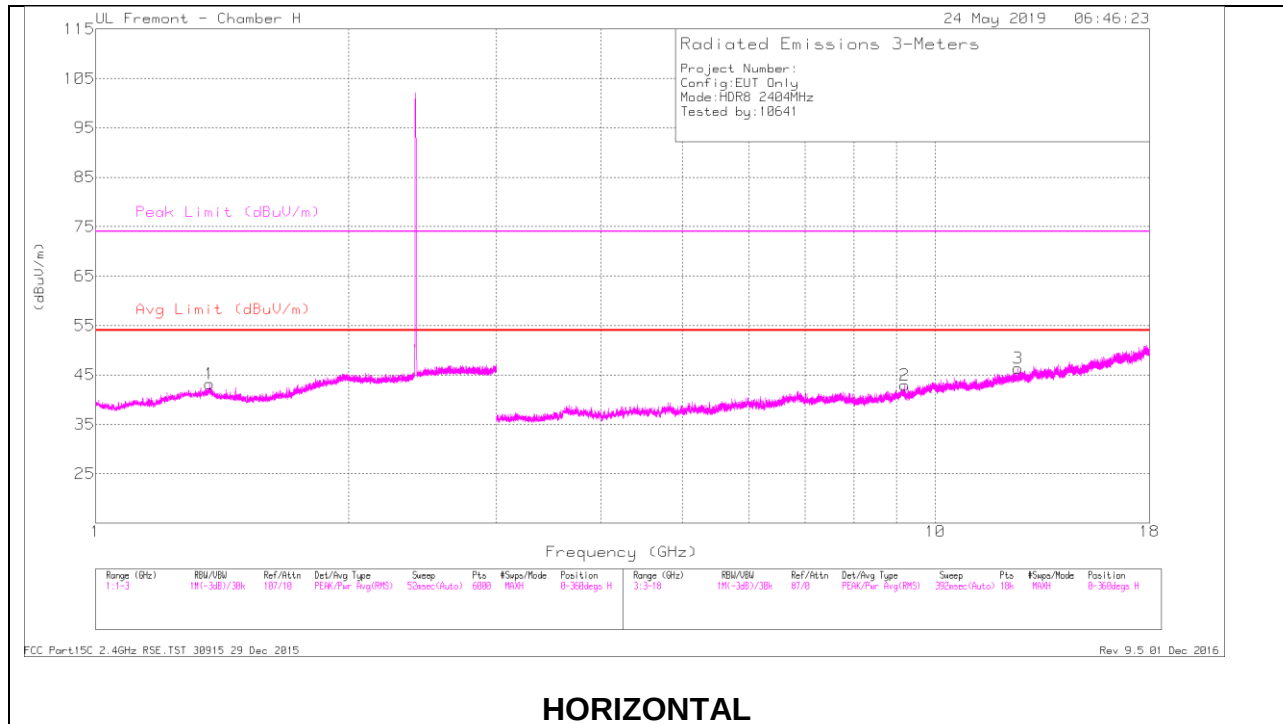
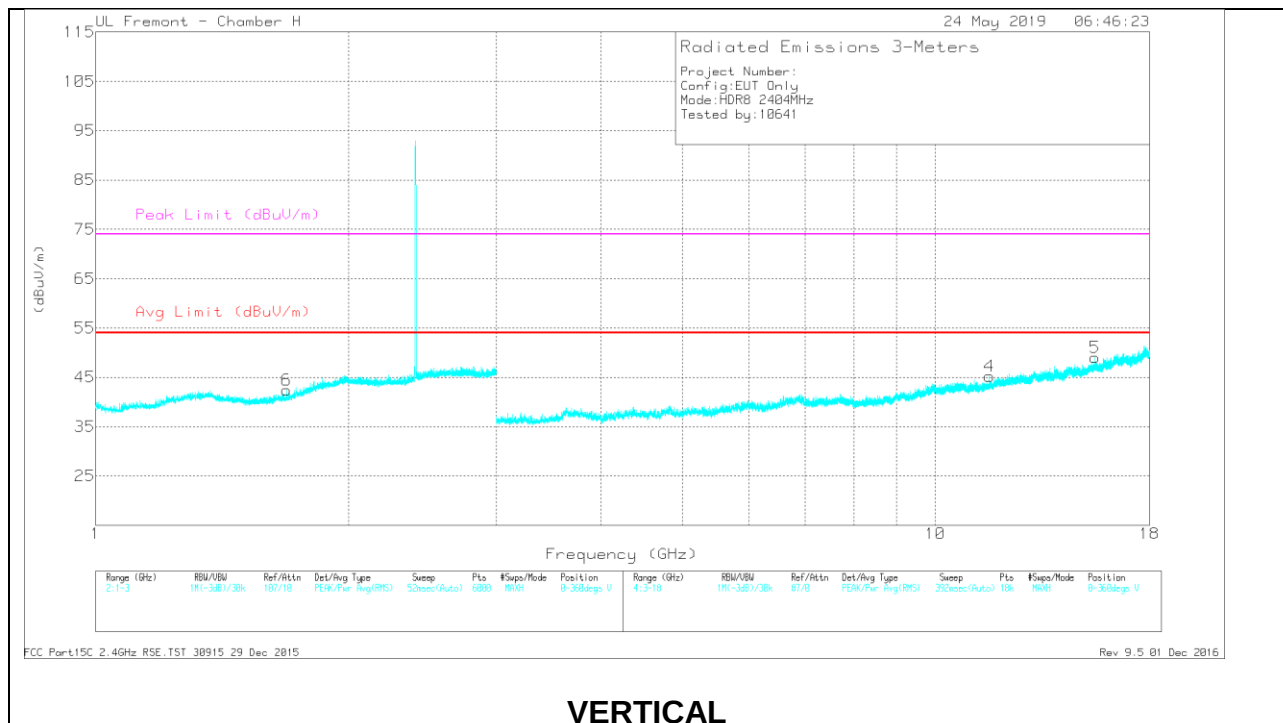


HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL RESULTS****HORIZONTAL****VERTICAL**

RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (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	* 1.368	45.34	PK2	29.7	-25.2	49.84	-	-	74	-24.16	332	124	H
	* 1.368	33.55	MAv1	29.7	-25.2	38.05	54	-15.95	-	-	332	124	H
6	* 1.689	44.47	PK2	28.5	-24.5	48.47	-	-	74	-25.53	292	116	V
	* 1.688	33.14	MAv1	28.5	-24.5	37.14	54	-16.86	-	-	292	116	V
2	* 9.197	36.67	PK2	36.3	-24.5	48.47	-	-	74	-25.53	234	151	H
	* 9.199	25.78	MAv1	36.3	-24.5	37.58	54	-16.42	-	-	234	151	H
3	* 12.559	36.49	PK2	39.3	-22.9	52.89	-	-	74	-21.11	186	164	H
	* 12.559	24.87	MAv1	39.2	-22.9	41.17	54	-12.83	-	-	186	164	H
4	* 11.607	35.83	PK2	38.4	-23	51.23	-	-	74	-22.77	214	148	V
	* 11.604	24.67	MAv1	38.4	-23	40.07	54	-13.93	-	-	214	148	V
5	* 15.498	36.63	PK2	40.9	-21.7	55.83	-	-	74	-18.17	195	164	V
	* 15.501	24.91	MAv1	40.9	-21.7	44.11	54	-9.89	-	-	195	164	V

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

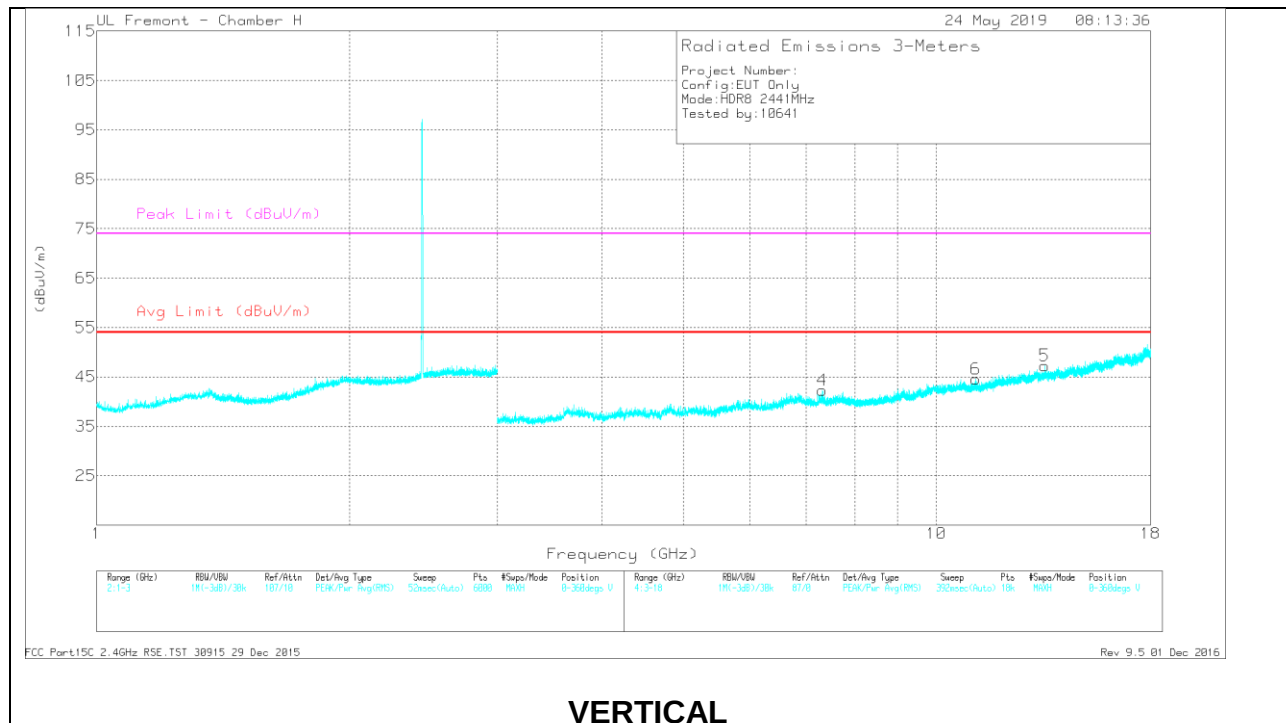
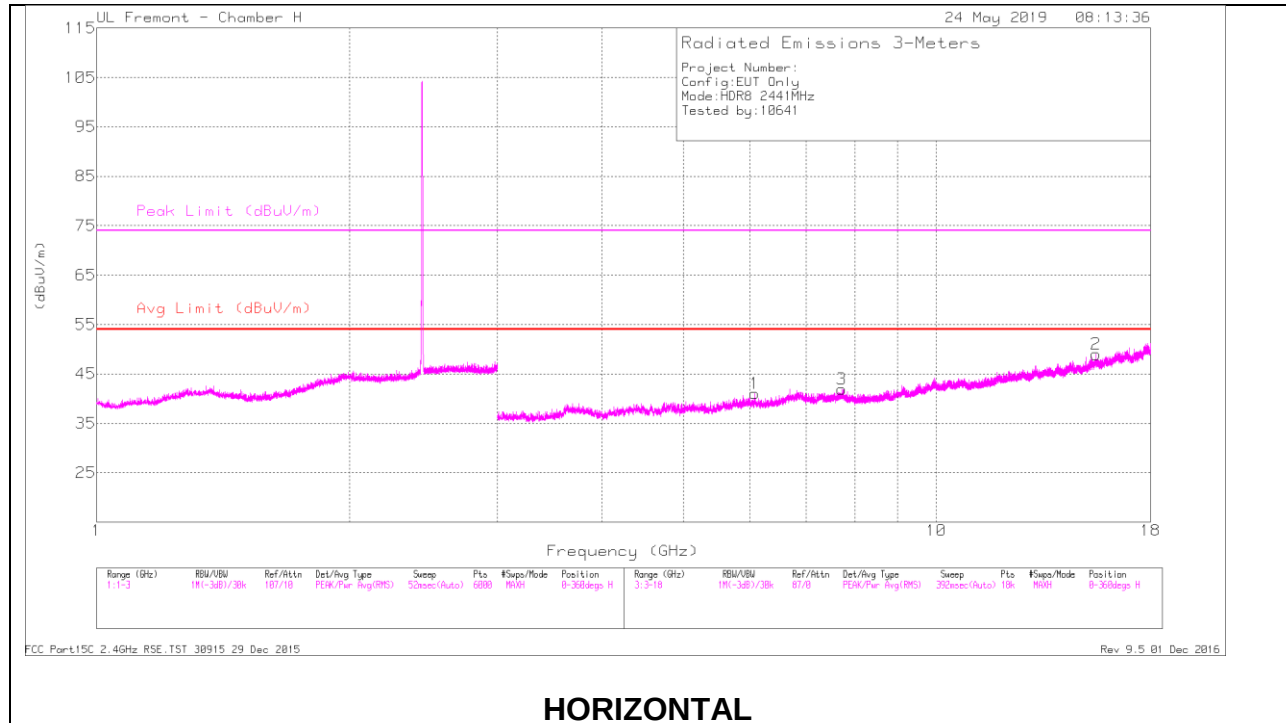
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (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
2	* 15.501	35.69	PK2	40.9	-21.7	54.89	-	-	74	-19.11	193	184	H
	* 15.503	24.9	MAv1	40.9	-21.7	44.1	54	-9.9	-	-	193	184	H
3	* 7.717	38.19	PK2	36.6	-26.4	48.39	-	-	74	-25.61	155	209	H
	* 7.714	27.08	MAv1	36.6	-26.5	37.18	54	-16.82	-	-	155	209	H
4	* 7.328	38.26	PK2	36.4	-26.6	48.06	-	-	74	-25.94	229	145	V
	* 7.322	26.76	MAv1	36.4	-26.5	36.66	54	-17.34	-	-	229	145	V
6	* 11.147	36.04	PK2	37.9	-22.7	51.24	-	-	74	-22.76	189	174	V
	* 11.149	24.52	MAv1	37.9	-22.7	39.72	54	-14.28	-	-	189	174	V
1	6.082	39.48	PK2	35.6	-28.1	46.98	-	-	74	-27.02	145	194	H
5	13.465	35.89	PK2	39.4	-21.7	53.59	-	-	74	-20.41	203	176	V

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

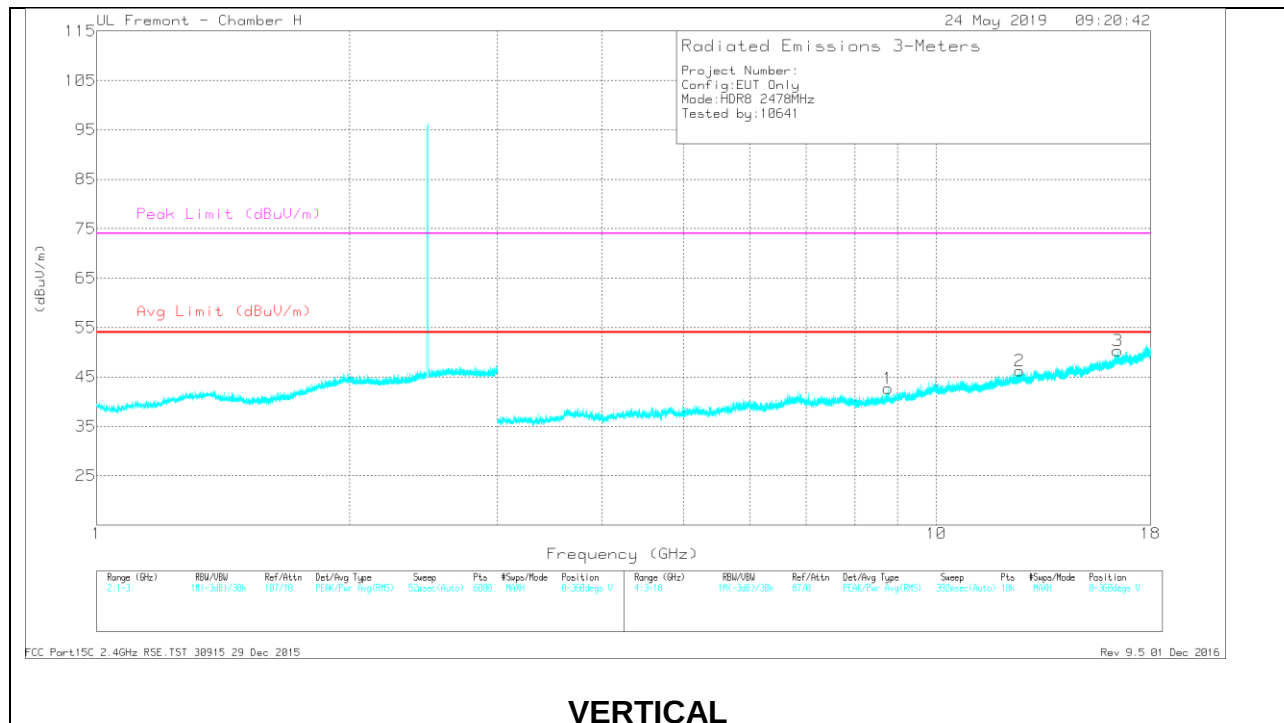
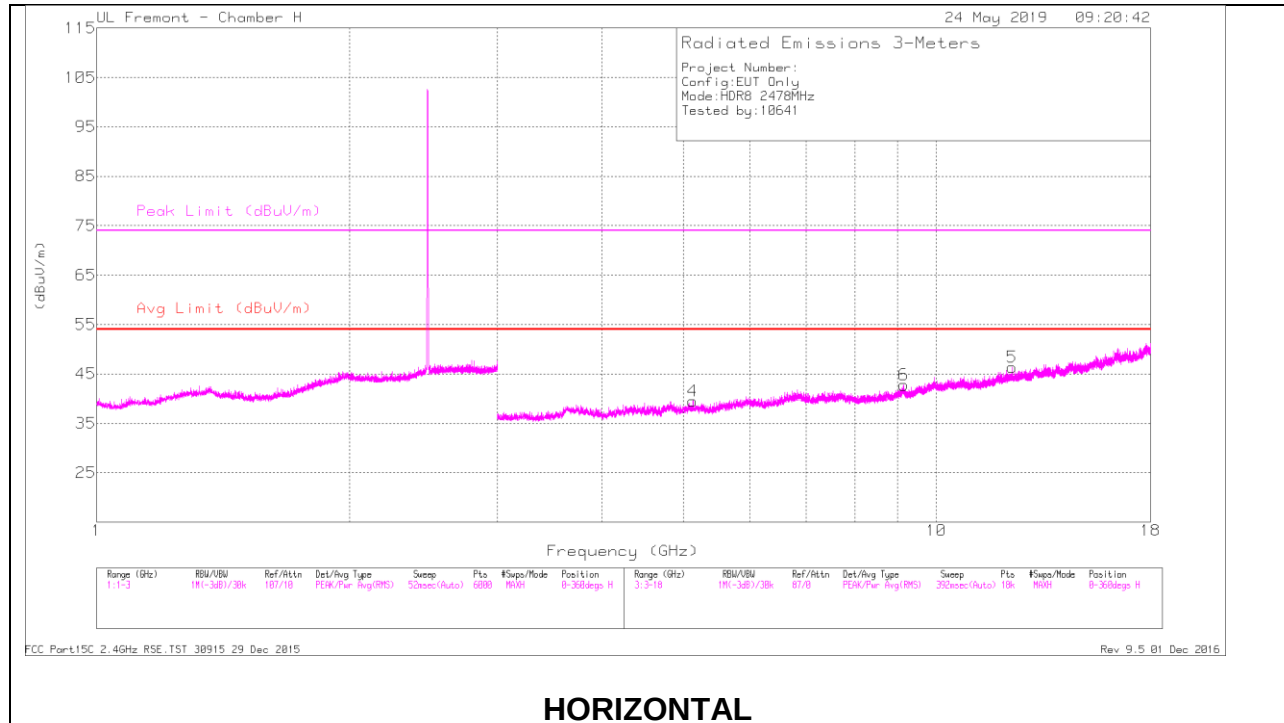
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (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
4	* 5.126	41.47	PK2	34.3	-29.6	46.17	-	-	74	-27.83	277	113	H
	* 5.127	30.12	MAv1	34.3	-29.6	34.82	54	-19.18	-	-	277	113	H
5	* 12.317	35.9	PK2	39	-22.7	52.2	-	-	74	-21.8	233	146	H
	* 12.318	24.79	MAv1	39	-22.8	40.99	54	-13.01	-	-	233	146	H
6	* 9.152	36.48	PK2	36.3	-23.9	48.88	-	-	74	-25.12	212	203	H
	* 9.152	25.43	MAv1	36.3	-23.9	37.83	54	-16.17	-	-	212	203	H
2	* 12.579	36.27	PK2	39.2	-22.8	52.67	-	-	74	-21.33	191	156	V
	* 12.58	24.78	MAv1	39.2	-22.8	41.18	54	-12.82	-	-	191	156	V
1	8.765	37.3	PK2	36	-25	48.3	-	-	74	-25.70	266	173	V
3	16.446	35.38	PK2	41.5	-21.1	55.78	-	-	74	-18.22	247	185	V

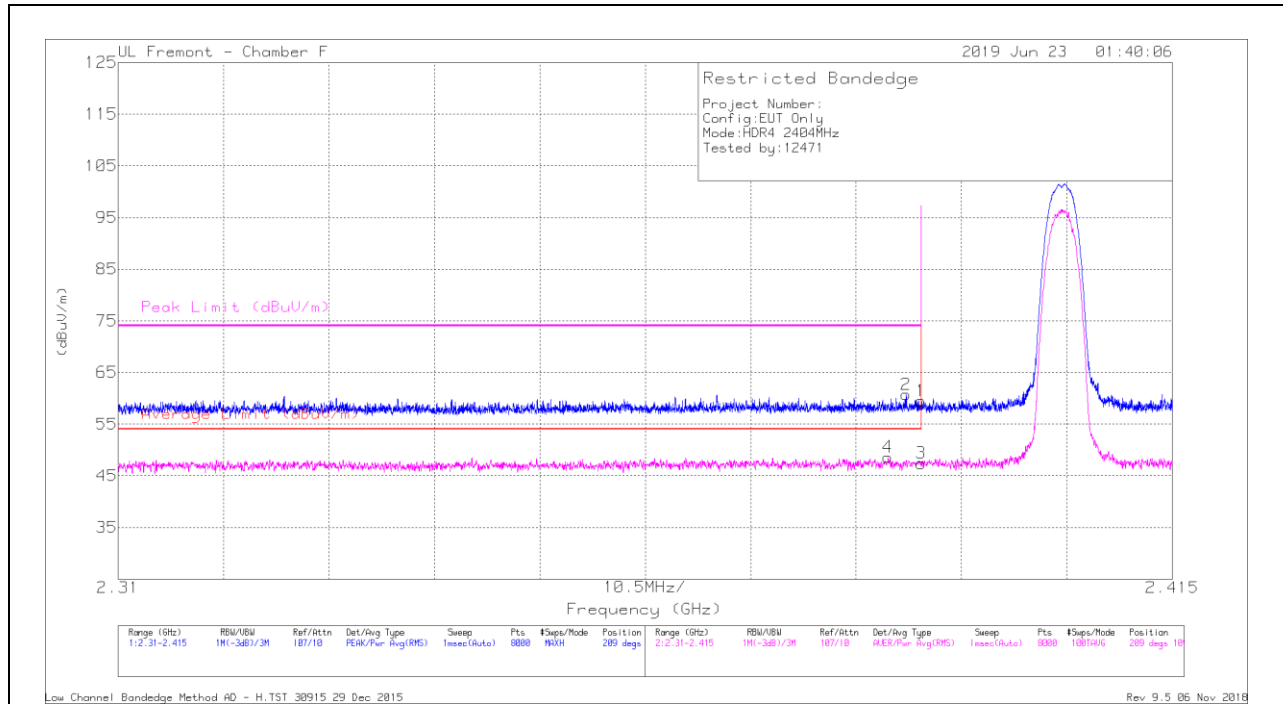
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

9.2.7. BEAMFORMING LOW POWER HDR (HDR4)**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

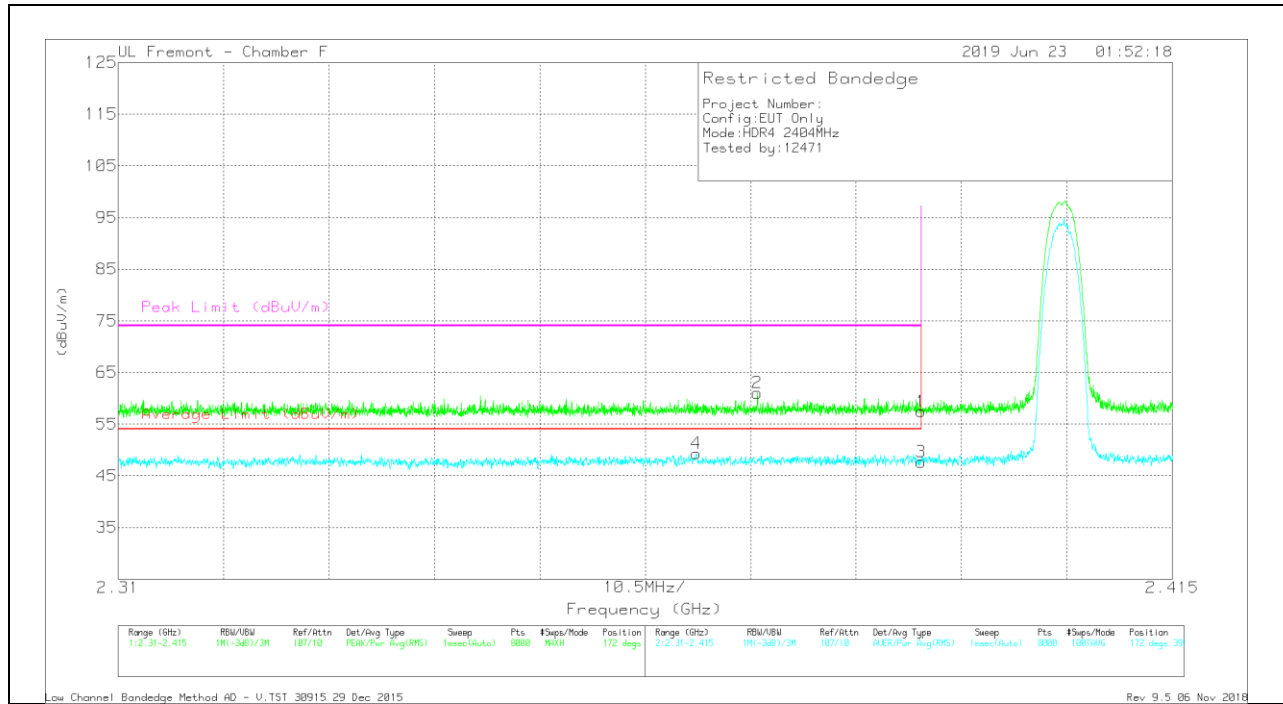
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	Amp/Cbl/Ftr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.97	Pk	32	-14.5	59.47	-	-	74	-14.53	209	109	H
2	* 2.388	43.21	Pk	32	-14.5	60.71	-	-	74	-13.29	209	109	H
3	* 2.39	29.94	RMS	32	-14.5	47.44	54	-6.56	-	-	209	109	H
4	* 2.387	31.18	RMS	31.9	-14.5	48.58	54	-5.42	-	-	209	109	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

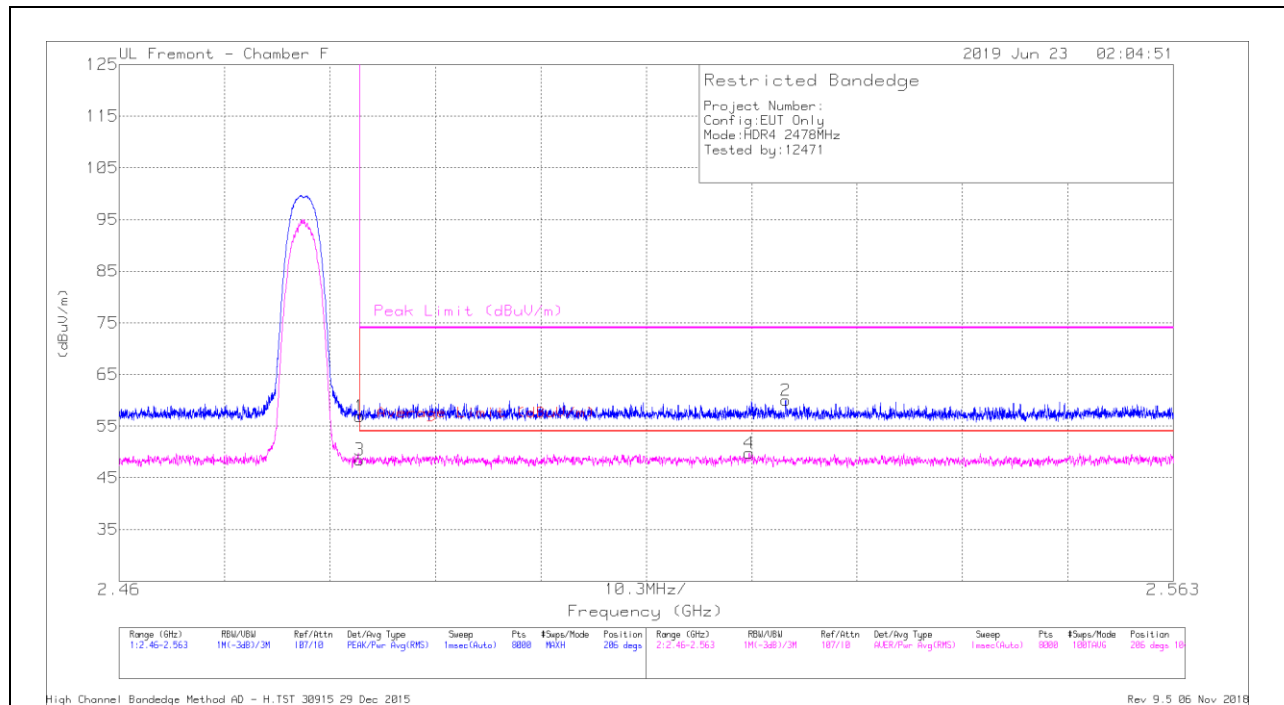


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.93	Pk	32	-14.5	57.43	-	-	74	-16.57	172	395	V
2	* 2.374	43.56	Pk	31.9	-14.4	61.06	-	-	74	-12.94	172	395	V
3	* 2.39	30.18	RMS	32	-14.5	47.68	54	-6.32	-	-	172	395	V
4	* 2.368	31.91	RMS	31.8	-14.4	49.31	54	-4.69	-	-	172	395	V

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

Pk - Peak detector

RMS - RMS detection

BANDEGE (HIGH CHANNEL)**HORIZONTAL RESULT**

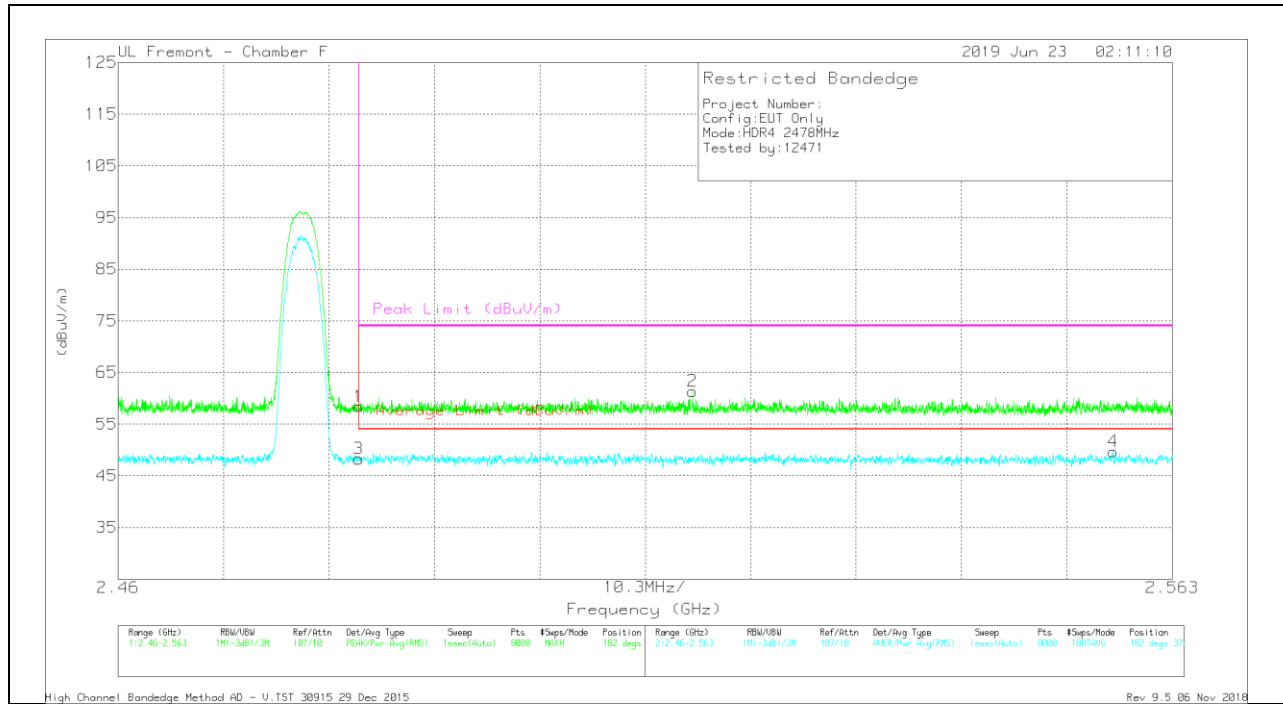
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	Amp/Cbl/Filtr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.22	Pk	32.4	-14.7	56.92	-	-	74	-17.08	206	104	H
2	2.525	42.18	Pk	32.4	-14.6	59.98	-	-	74	-14.02	206	104	H
3	* 2.484	30.76	RMS	32.4	-14.7	48.46	54	-5.54	-	-	206	104	H
4	2.522	31.96	RMS	32.3	-14.5	49.76	54	-4.24	-	-	206	104	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

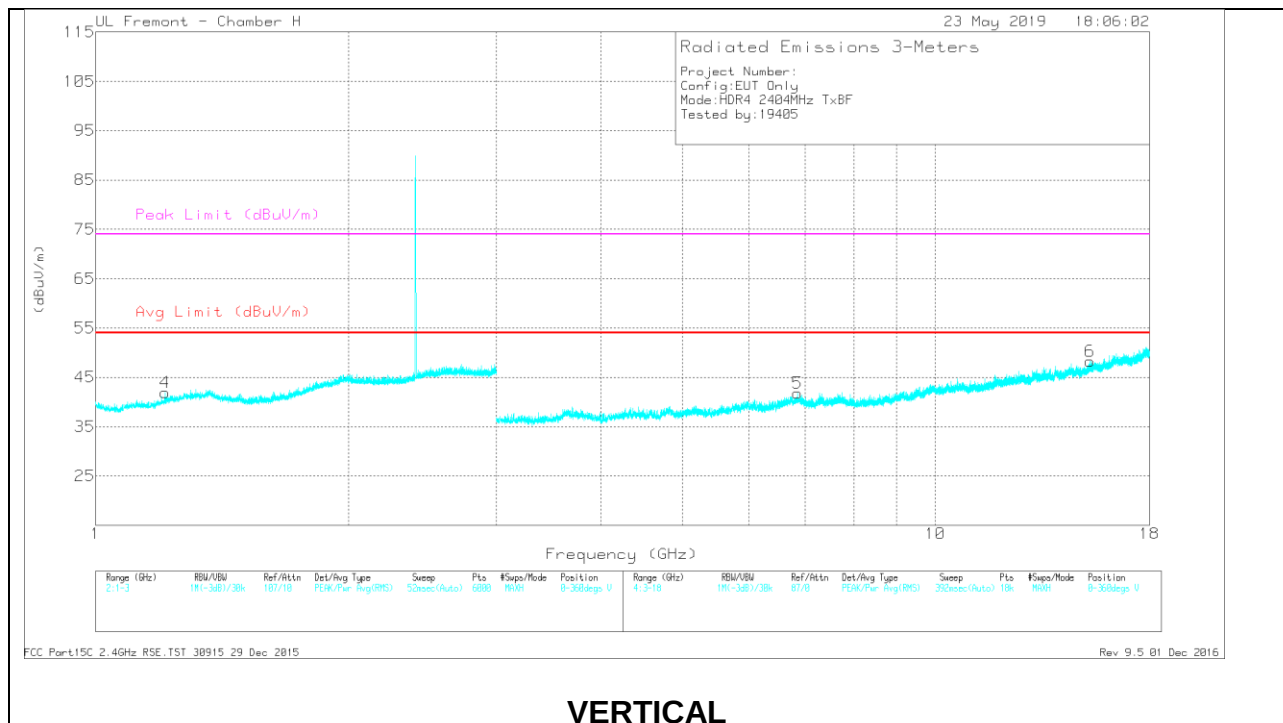
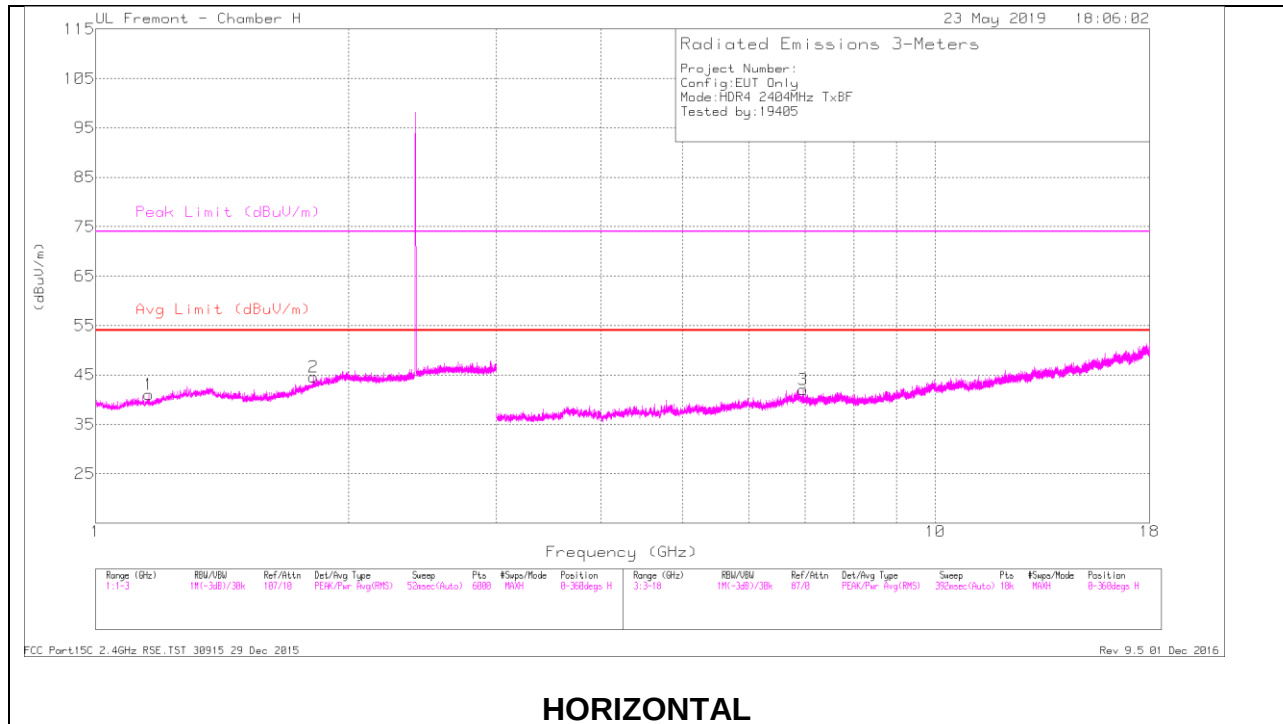


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Ampl/Cbl/Ftr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.71	Pk	32.4	-14.7	58.41	-	-	74	-15.59	182	372	V
2	2.516	43.76	Pk	32.4	-14.8	61.36	-	-	74	-12.64	182	372	V
3	* 2.484	30.59	RMS	32.4	-14.7	48.29	54	-5.71	-	-	182	372	V
4	2.557	31.79	RMS	32.4	-14.5	49.69	54	-4.31	-	-	182	372	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	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (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	* 1.158	46.04	PK2	27.4	-25.7	47.74	-	-	74	-26.26	351	195	H
	* 1.156	33.39	MAv1	27.4	-25.7	35.09	54	-18.91	-	-	351	195	H
4	* 1.209	45.28	PK2	28.1	-25.6	47.78	-	-	74	-26.22	180	389	V
	* 1.21	33.32	MAv1	28.2	-25.6	35.92	54	-18.08	-	-	180	389	V
2	1.815	44.59	PK2	30.4	-24.4	50.59	-	-	-	-	356	385	H
	1.817	32.58	MAv1	30.5	-24.4	38.68	-	-	-	-	356	385	H
5	6.858	39.32	PK2	36.7	-27.5	48.52	-	-	-	-	216	393	V
	6.858	27.12	MAv1	36.7	-27.5	36.32	-	-	-	-	216	393	V
3	6.957	26.49	MAv1	36.4	-26.9	35.99	-	-	-	-	48	199	H
	6.958	38.06	PK2	36.4	-26.9	47.56	-	-	-	-	48	199	H
6	15.295	35.67	PK2	40.6	-22.1	54.17	-	-	-	-	135	101	V
	15.297	24.2	MAv1	40.6	-22.1	42.7	-	-	-	-	135	101	V

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

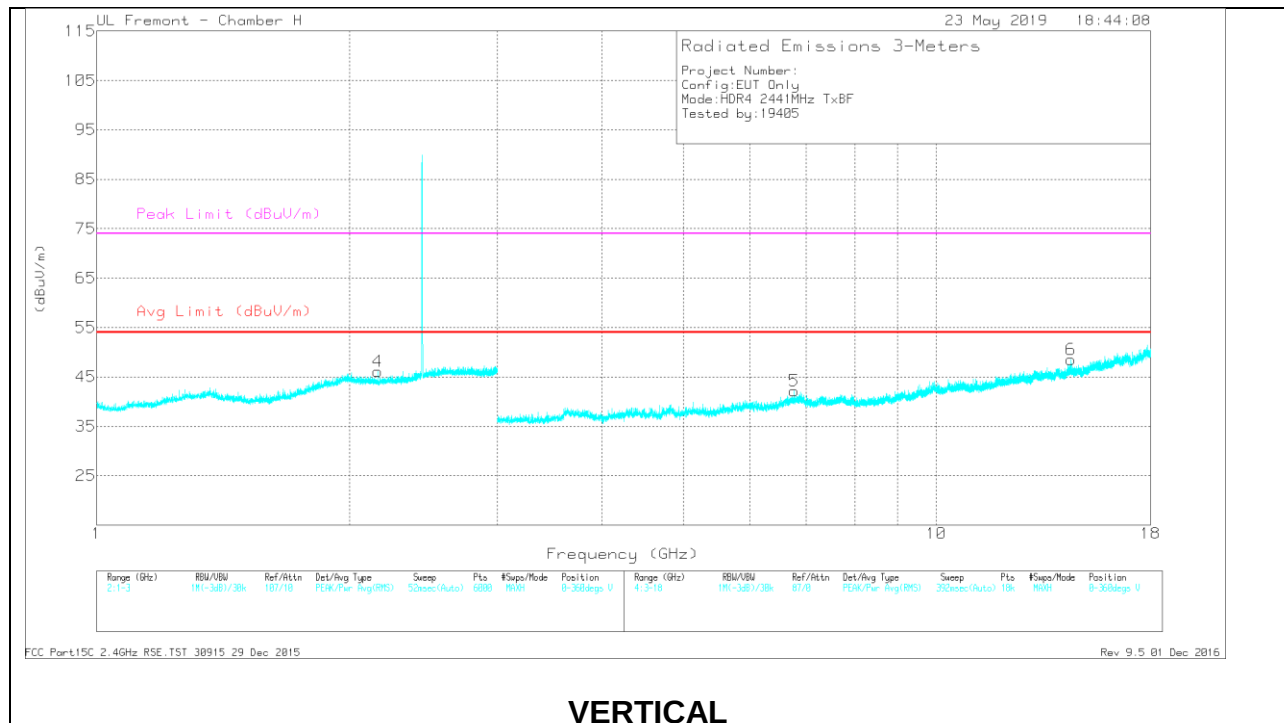
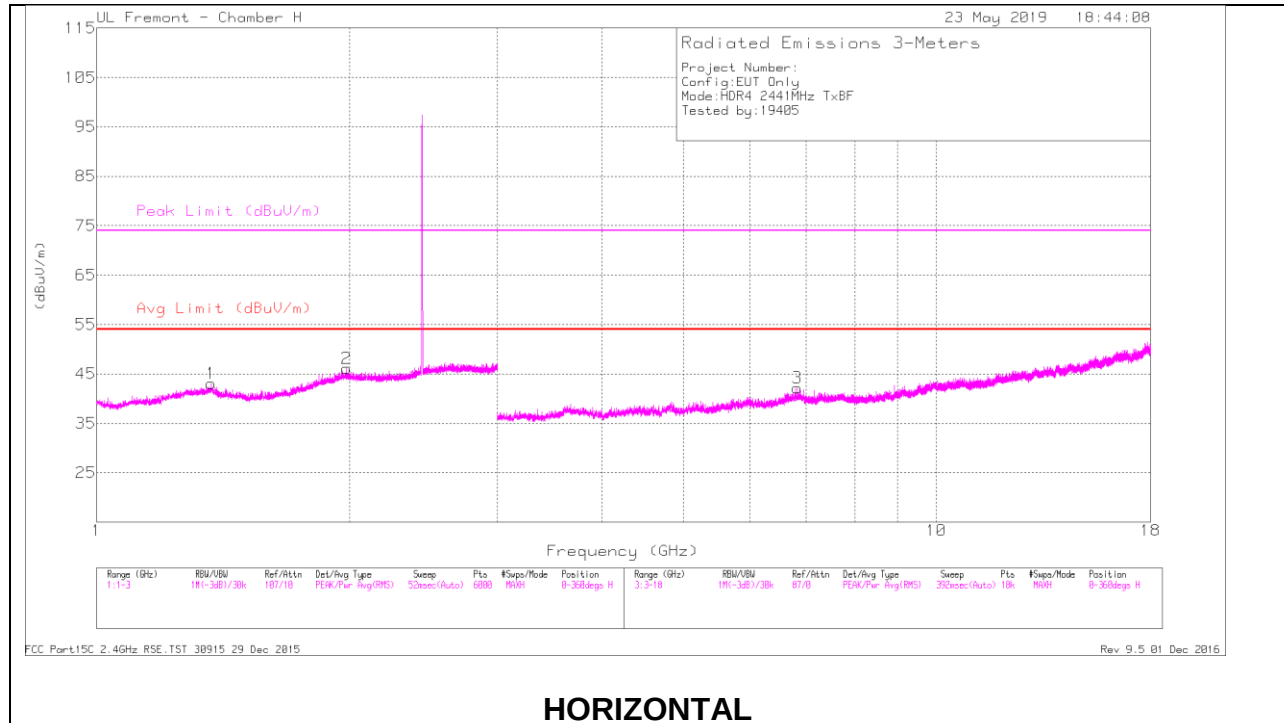
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Ftr/ 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	* 1.369	45.42	PK2	29.6	-25.2	49.82	-	-	74	-24.18	223	158	H
	* 1.37	33.14	MAv1	29.6	-25.2	37.54	54	-16.46	-	-	223	158	H
2	1.984	45.18	PK2	31.9	-24.1	52.98	-	-	-	-	206	292	H
	1.985	32.51	MAv1	31.9	-24.1	40.31	-	-	-	-	206	292	H
4	2.163	32.47	MAv1	31.1	-23.9	39.67	-	-	-	-	327	355	V
	2.164	44.26	PK2	31.1	-24	51.36	-	-	-	-	327	355	V
5	6.773	39.9	PK2	36.8	-28.9	47.8	-	-	-	-	321	362	V
	6.774	27.85	MAv1	36.8	-28.9	35.75	-	-	-	-	321	362	V
3	6.834	27.66	MAv1	36.7	-28	36.36	-	-	-	-	129	100	H
	6.835	39.56	PK2	36.7	-28	48.26	-	-	-	-	129	100	H
6	14.462	35.14	PK2	39.8	-21.3	53.64	-	-	-	-	256	311	V
	14.463	23.7	MAv1	39.8	-21.3	42.2	-	-	-	-	256	311	V

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

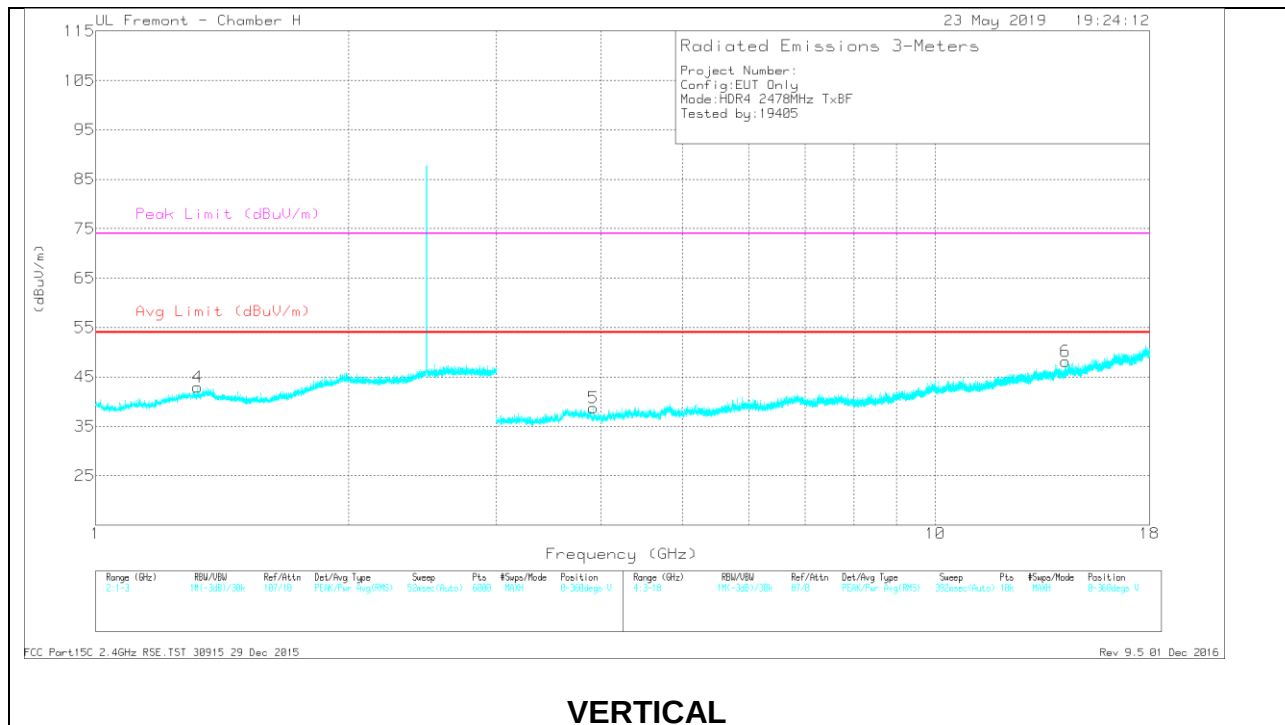
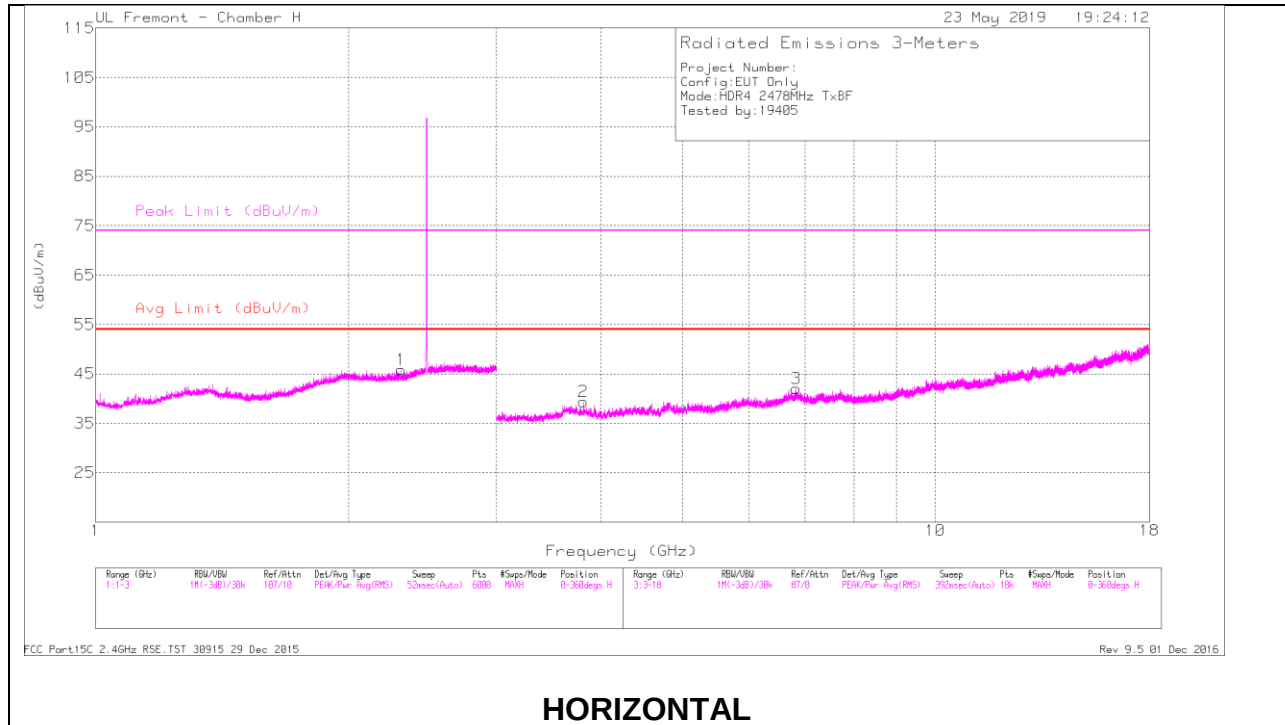
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Ftr/ 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	* 2.312	44.29	PK2	31.3	-23.7	51.89	-	-	74	-22.11	177	105	H
	* 2.313	32.3	MAv1	31.3	-23.6	40	54	-14	-	-	177	105	H
4	* 1.322	45.29	PK2	29.2	-25.3	49.19	-	-	74	-24.81	56	177	V
	* 1.322	33.2	MAv1	29.2	-25.3	37.1	54	-16.9	-	-	56	177	V
2	* 3.81	42.61	PK2	33.5	-31	45.11	-	-	74	-28.89	305	365	H
	* 3.811	30.83	MAv1	33.5	-31	33.33	54	-20.67	-	-	305	365	H
5	* 3.917	41.51	PK2	33.4	-30.3	44.61	-	-	74	-29.39	7	220	V
	* 3.92	29.99	MAv1	33.3	-30.2	33.09	54	-20.91	-	-	7	220	V
3	6.835	27.78	MAv1	36.7	-28	36.48	-	-	-	-	296	398	H
	6.836	39.49	PK2	36.7	-28	48.19	-	-	-	-	296	398	H
6	14.301	24.4	MAv1	39.6	-22.2	41.8	-	-	-	-	164	204	V
	14.303	36.17	PK2	39.6	-22.1	53.67	-	-	-	-	164	204	V

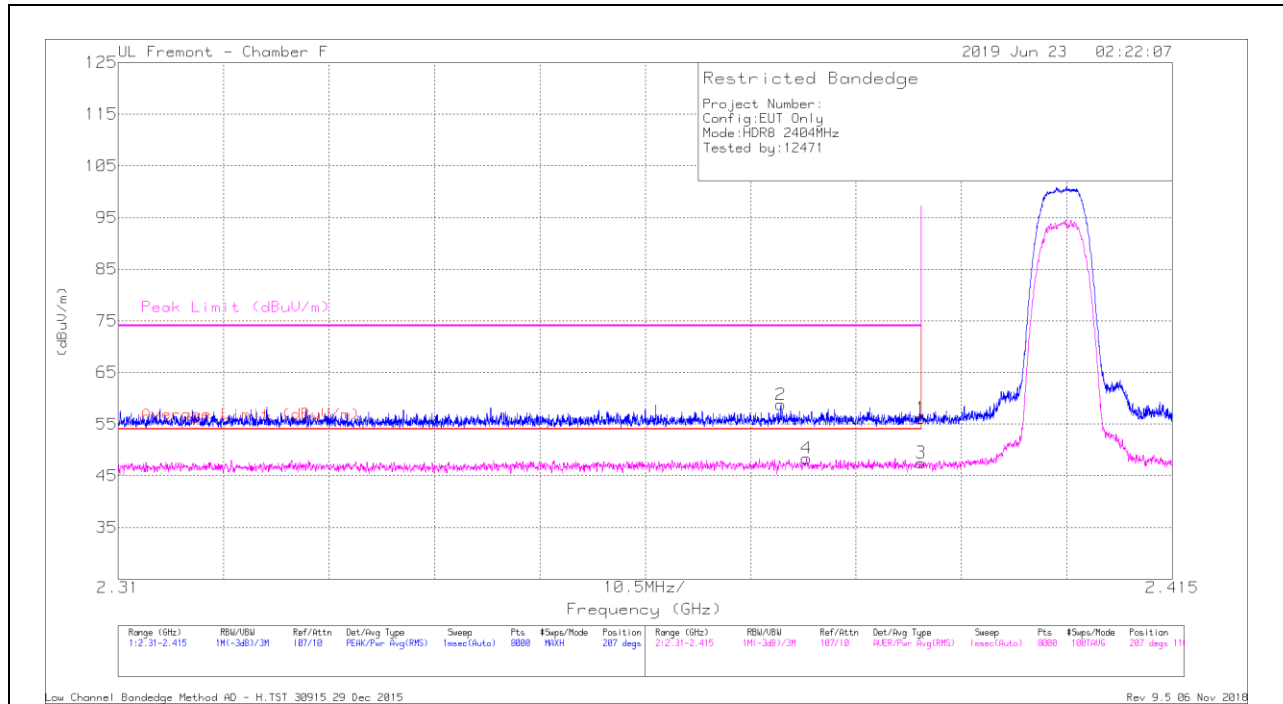
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

9.2.8. BEAMFORMING LOW POWER HDR (HDR8)**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

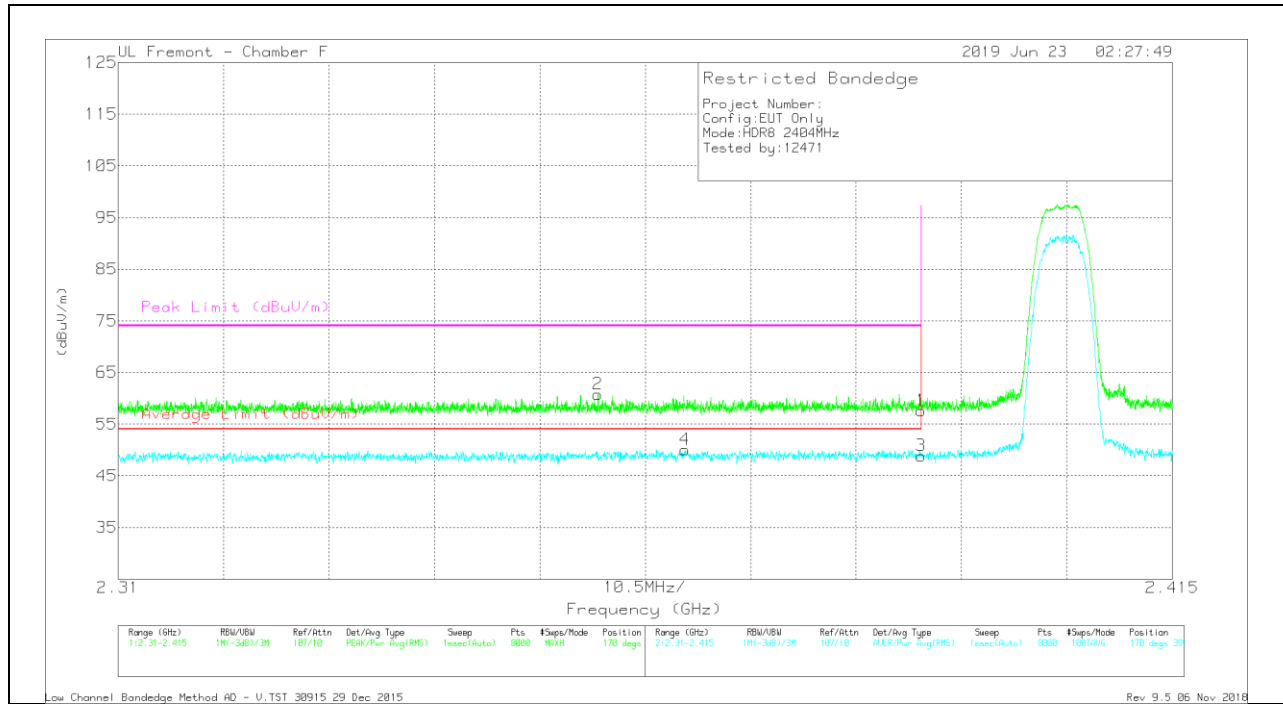
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	Amp/Cbl/Ftr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	38.63	Pk	32	-14.5	56.13	-	-	74	-17.87	207	110	H
2	* 2.376	41.29	Pk	31.9	-14.4	58.79	-	-	74	-15.21	207	110	H
3	* 2.39	30	RMS	32	-14.5	47.5	54	-6.5	-	-	207	110	H
4	* 2.379	30.88	RMS	31.9	-14.4	48.38	54	-5.62	-	-	207	110	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

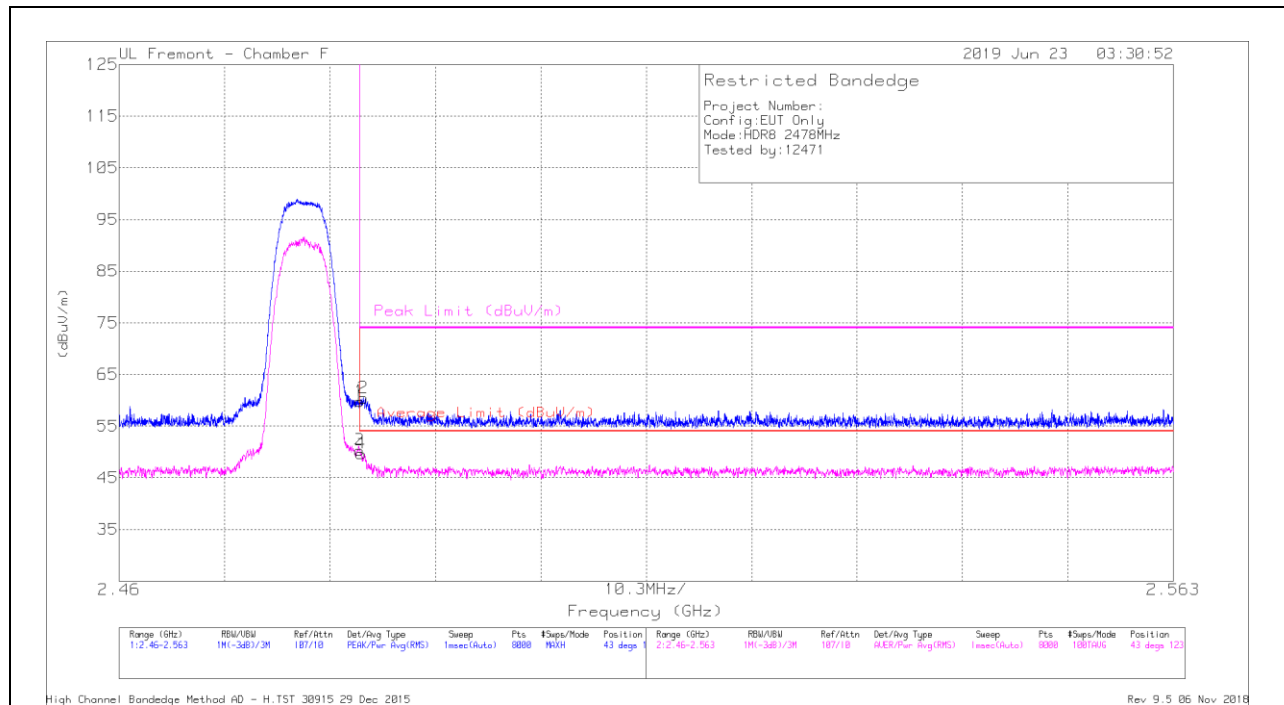


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	40.13	Pk	32	-14.5	57.63	-	-	74	-16.37	170	395	V
2	* 2.358	43.59	Pk	31.8	-14.6	60.79	-	-	74	-13.21	170	395	V
3	* 2.39	31.37	RMS	32	-14.5	48.87	54	-5.13	-	-	170	395	V
4	* 2.366	32.67	RMS	31.8	-14.4	50.07	54	-3.93	-	-	170	395	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

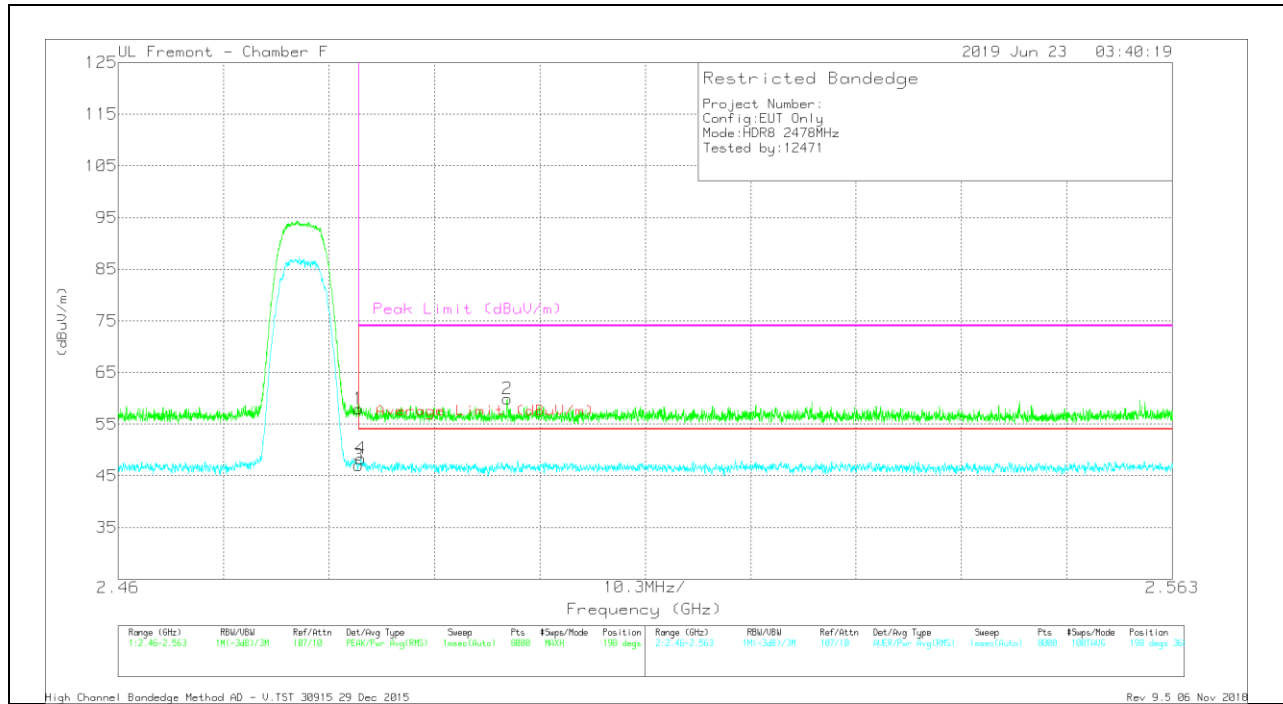
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	Amp/Cbl/Filt /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.08	Pk	32.4	-14.7	59.78	-	-	74	-14.22	43	123	H
2	* 2.484	42.76	Pk	32.4	-14.7	60.46	-	-	74	-13.54	43	123	H
3	* 2.484	32.64	RMS	32.4	-14.7	50.34	54	-3.66	-	-	43	123	H
4	* 2.484	32.03	RMS	32.4	-14.7	49.73	54	-4.27	-	-	43	123	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

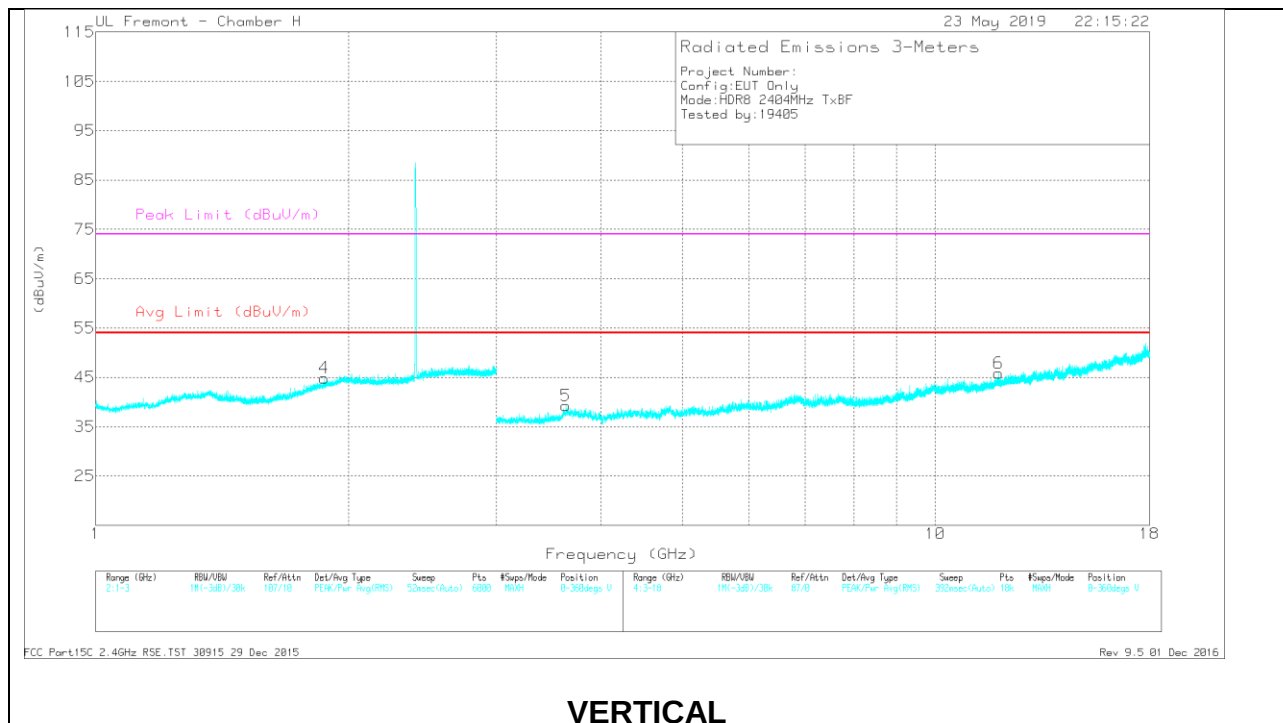
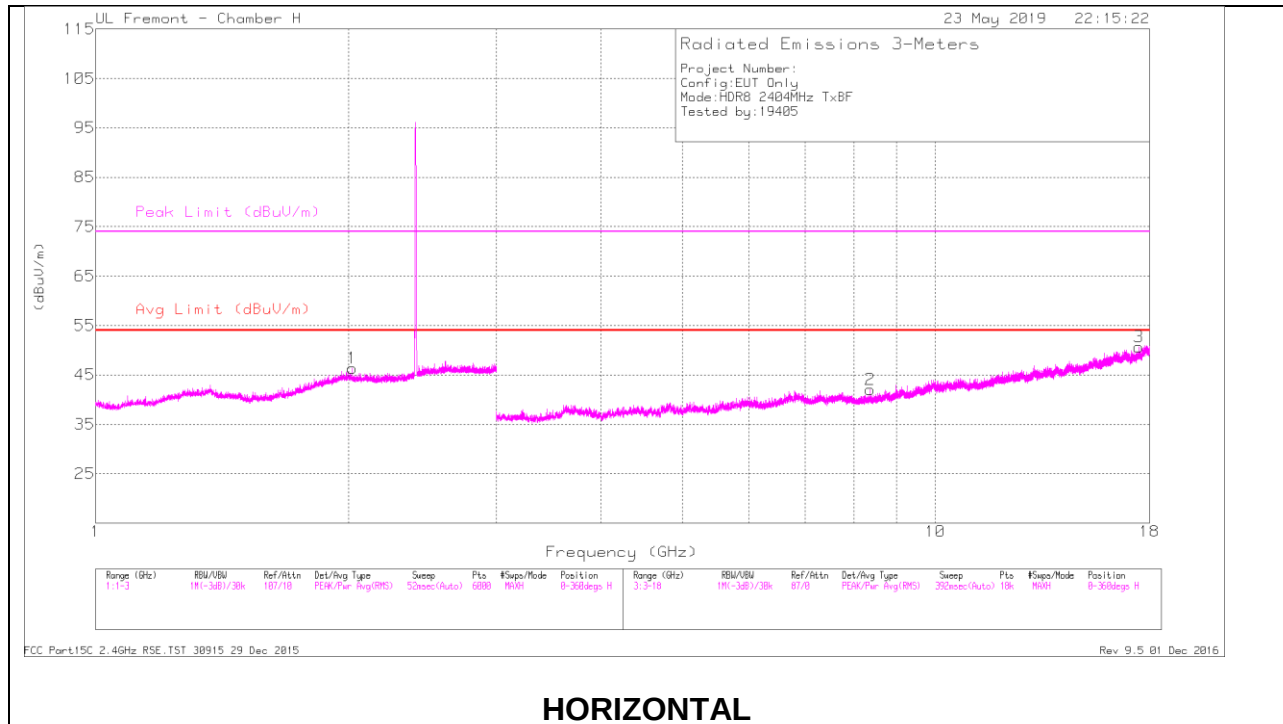


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.27	Pk	32.4	-14.7	57.97	-	-	74	-16.03	198	368	V
2	* 2.498	42.2	Pk	32.4	-14.7	59.9	-	-	74	-14.1	198	368	V
3	* 2.484	29.38	RMS	32.4	-14.7	47.08	54	-6.92	-	-	198	368	V
4	* 2.484	30.66	RMS	32.4	-14.7	48.36	54	-5.64	-	-	198	368	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	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (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
2	* 8.361	37.32	PK2	35.8	-25.8	47.32	-	-	74	-26.68	358	166	H
	* 8.361	25.96	MAv1	35.8	-25.8	35.96	54	-18.04	-	-	358	166	H
5	* 3.635	41.18	PK2	33.1	-29.5	44.78	-	-	74	-29.22	76	138	V
	* 3.636	29.31	MAv1	33.1	-29.5	32.91	54	-21.09	-	-	76	138	V
6	* 11.89	36.03	PK2	38.7	-22.8	51.93	-	-	74	-22.07	199	173	V
	* 11.892	24.29	MAv1	38.7	-22.8	40.19	54	-13.81	-	-	199	173	V
4	1.869	44.9	PK2	31.1	-24.3	51.7	-	-	-	-	264	332	V
	1.872	32.48	MAv1	31.1	-24.3	39.28	-	-	-	-	264	332	V
1	2.024	44.6	PK2	31.7	-24.1	52.2	-	-	-	-	177	111	H
	2.024	32.49	MAv1	31.7	-24.1	40.09	-	-	-	-	177	111	H
3	17.465	35.53	PK2	41.3	-20.3	56.53	-	-	-	-	149	315	H
	17.469	23.93	MAv1	41.3	-20.3	44.93	-	-	-	-	149	315	H

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

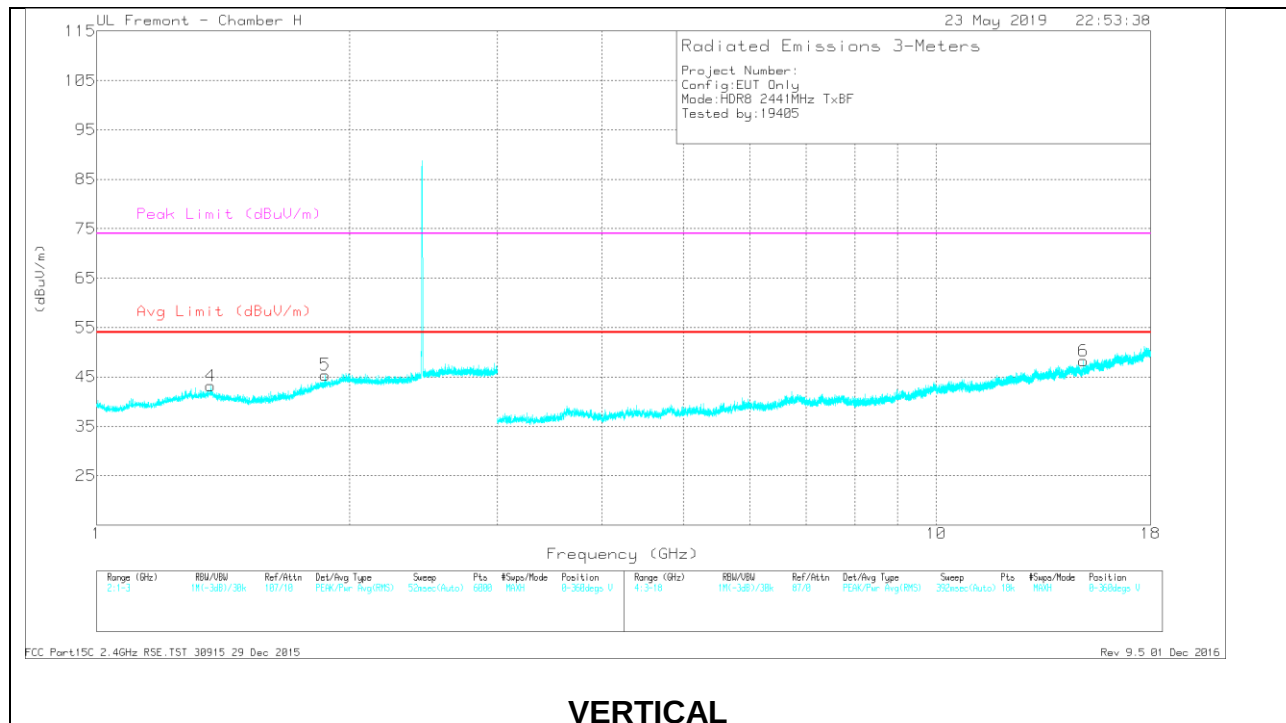
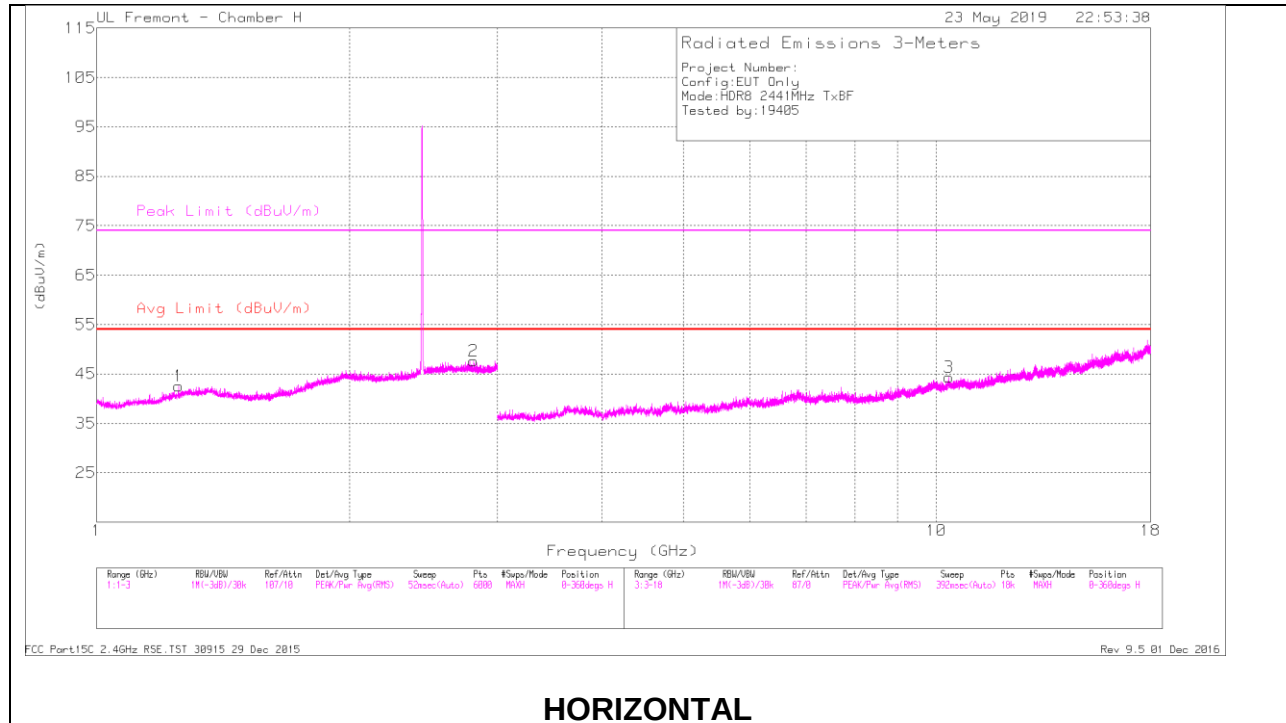
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.25	45.8	PK2	28.7	-25.5	49	-	-	74	-25	284	257	H
	* 1.251	33.18	MAv1	28.7	-25.5	36.38	54	-17.62	-	-	284	257	H
2	* 2.812	43.92	PK2	32.5	-23.1	53.32	-	-	74	-20.68	104	120	H
	* 2.813	32.18	MAv1	32.5	-23.1	41.58	54	-12.42	-	-	104	120	H
4	* 1.368	45.01	PK2	29.7	-25.2	49.51	-	-	74	-24.49	76	281	V
	* 1.368	33.03	MAv1	29.7	-25.2	37.53	54	-16.47	-	-	76	281	V
5	1.871	32.49	MAv1	31.1	-24.3	39.29	-	-	-	-	149	333	V
	1.872	44.41	PK2	31.1	-24.3	51.21	-	-	-	-	149	333	V
3	10.353	35.26	PK2	37.5	-22.7	50.06	-	-	-	-	42	206	H
	10.353	24.02	MAv1	37.5	-22.7	38.82	-	-	-	-	42	206	H
6	14.984	35.82	PK2	39.8	-21.7	53.92	-	-	-	-	356	324	V
	14.984	24.22	MAv1	39.8	-21.7	42.32	-	-	-	-	356	324	V

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

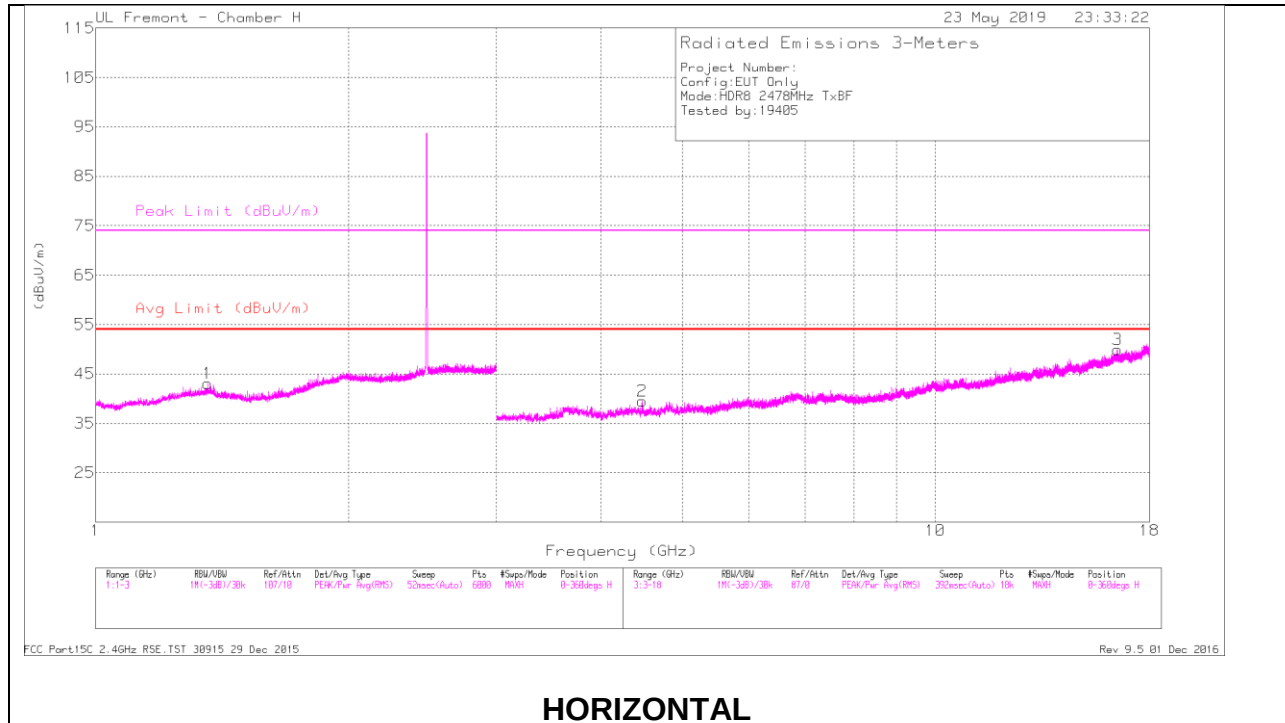
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

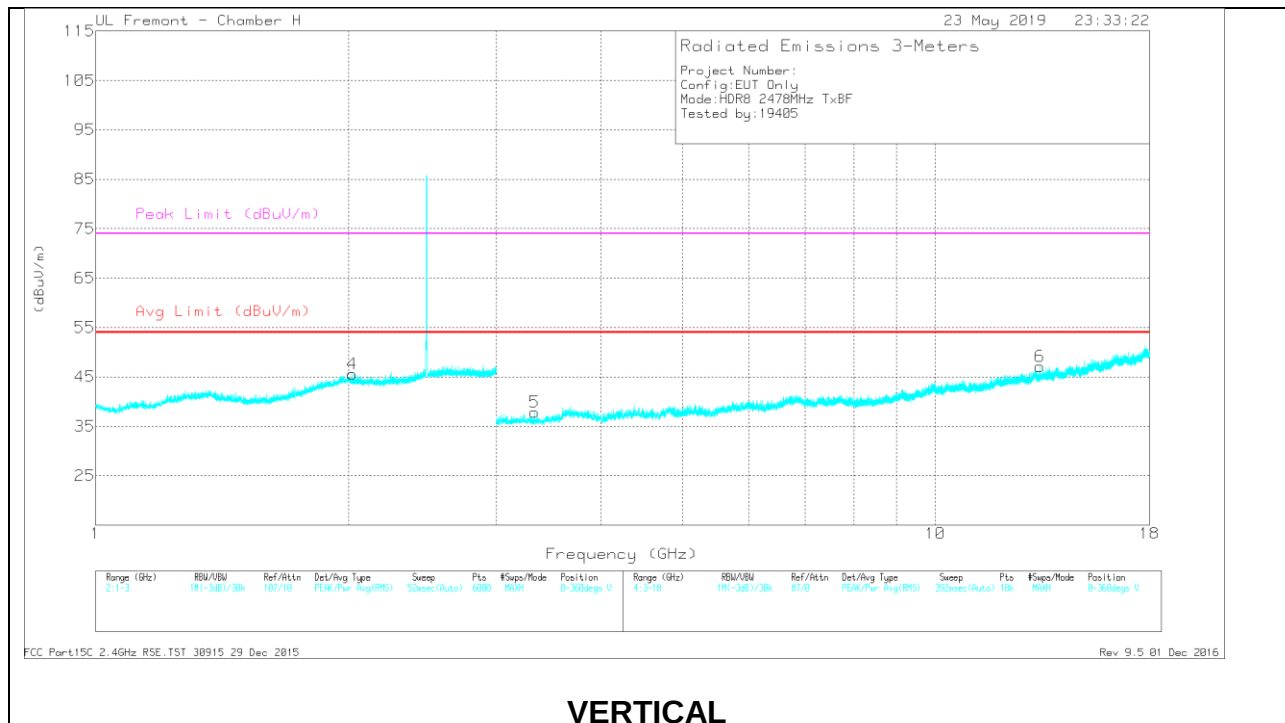
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Rev 9.5 01 Dec 2016

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (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	* 1.361	45.36	PK2	29.5	-25.2	49.66	-	-	74	-24.34	168	135	H
	* 1.359	33.03	MAv1	29.5	-25.2	37.33	54	-16.67	-	-	168	135	H
5	* 3.335	42.4	PK2	32.7	-30.5	44.6	-	-	74	-29.4	295	235	V
	* 3.332	30.17	MAv1	32.6	-30.5	32.27	54	-21.73	-	-	295	235	V
6	* 13.317	36.39	PK2	39.5	-22.9	52.99	-	-	74	-21.01	202	377	V
	* 13.319	24.5	MAv1	39.6	-22.9	41.2	54	-12.8	-	-	202	377	V
4	2.022	44.32	PK2	31.7	-24.1	51.92	-	-	-	-	183	238	V
	2.022	32.48	MAv1	31.7	-24.1	40.08	-	-	-	-	183	238	V
2	4.476	30.01	MAv1	33.9	-30.6	33.31	-	-	-	-	326	138	H
	4.477	41.97	PK2	33.9	-30.6	45.27	-	-	-	-	326	138	H
3	16.484	36.14	PK2	41.5	-21.4	56.24	-	-	-	-	58	393	H
	16.485	24.41	MAv1	41.5	-21.5	44.41	-	-	-	-	58	393	H

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

PK2 - KDB558074 Method: Maximum Peak

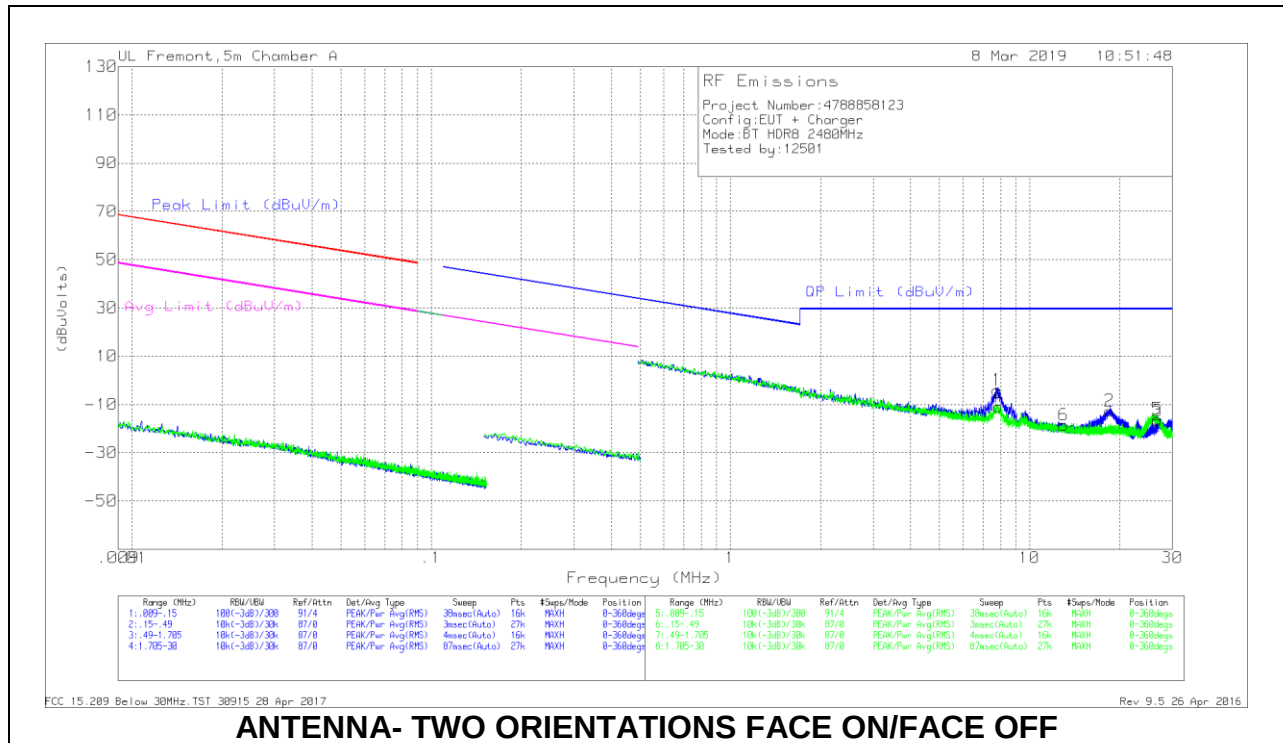
MAv1 - KDB558074 Option 1 Maximum RMS Average

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Rev 9.5 01 Dec 2016

9.3. WORST CASE BELOW 30MHZ

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)

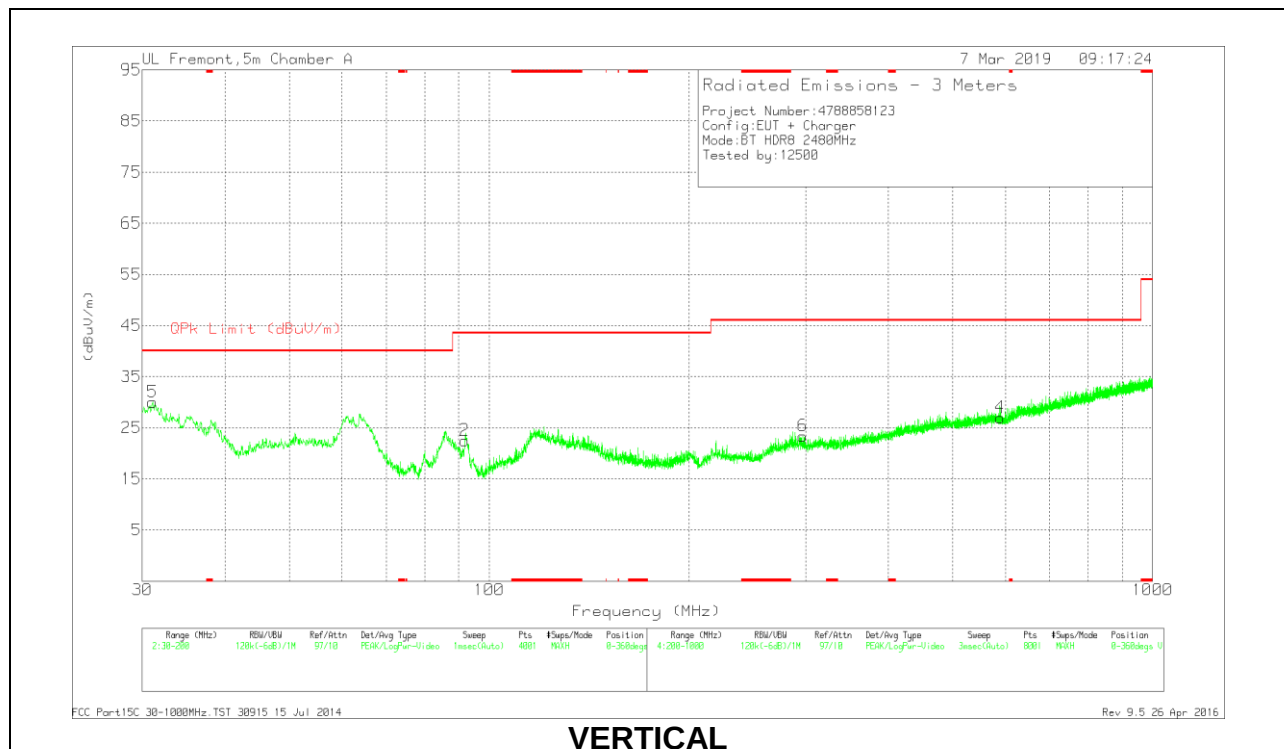
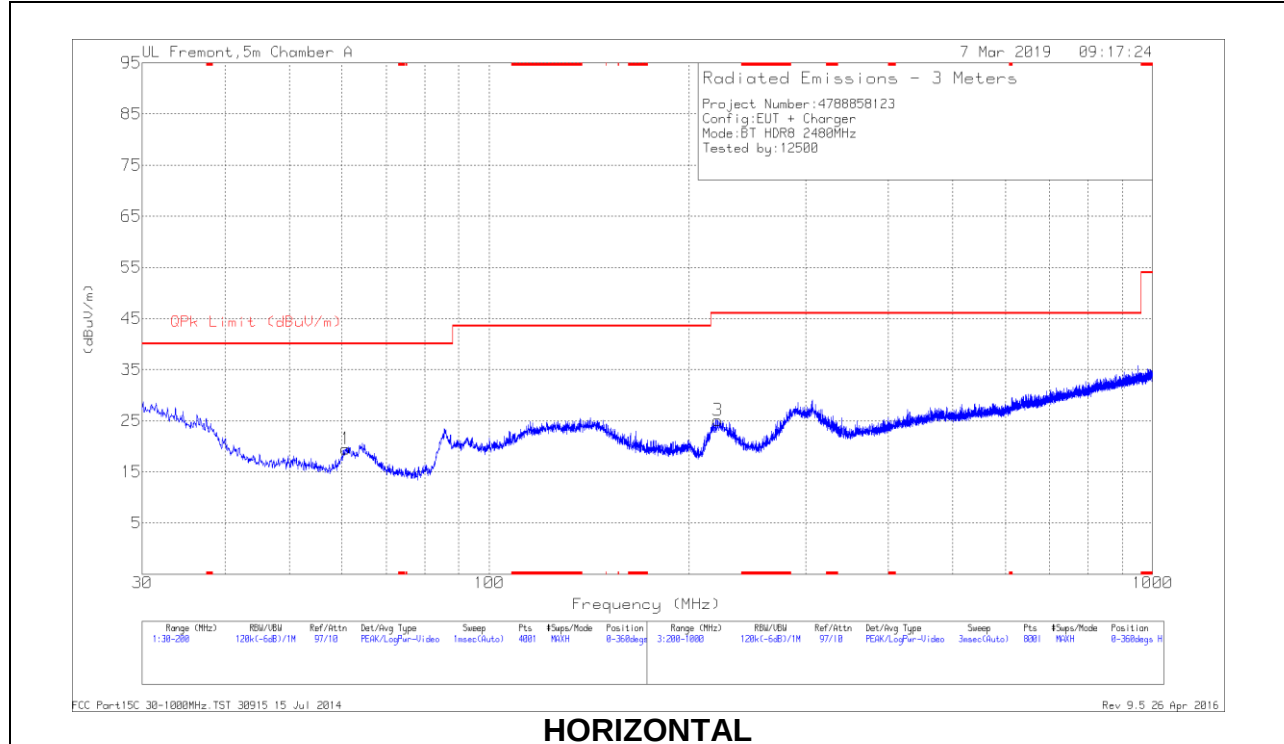


ANTENNA- TWO ORIENTATIONS FACE ON/FACE OFF

Below 30MHz Data

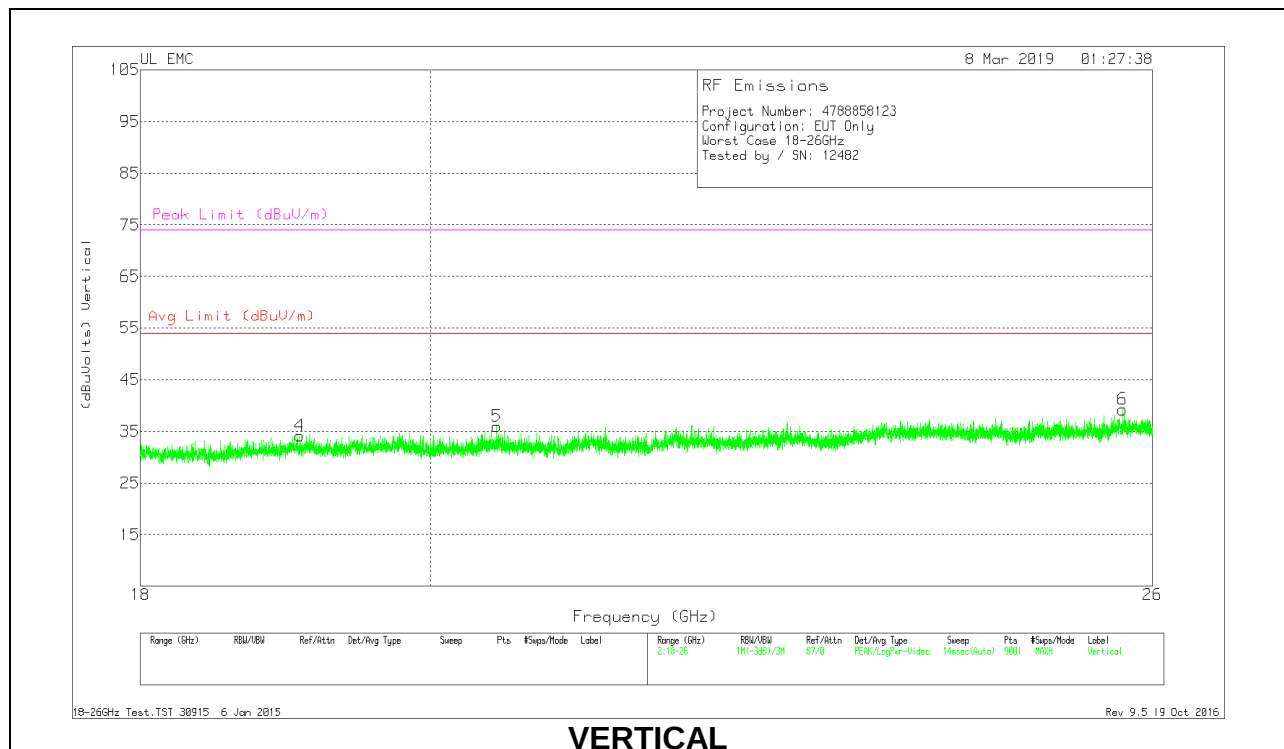
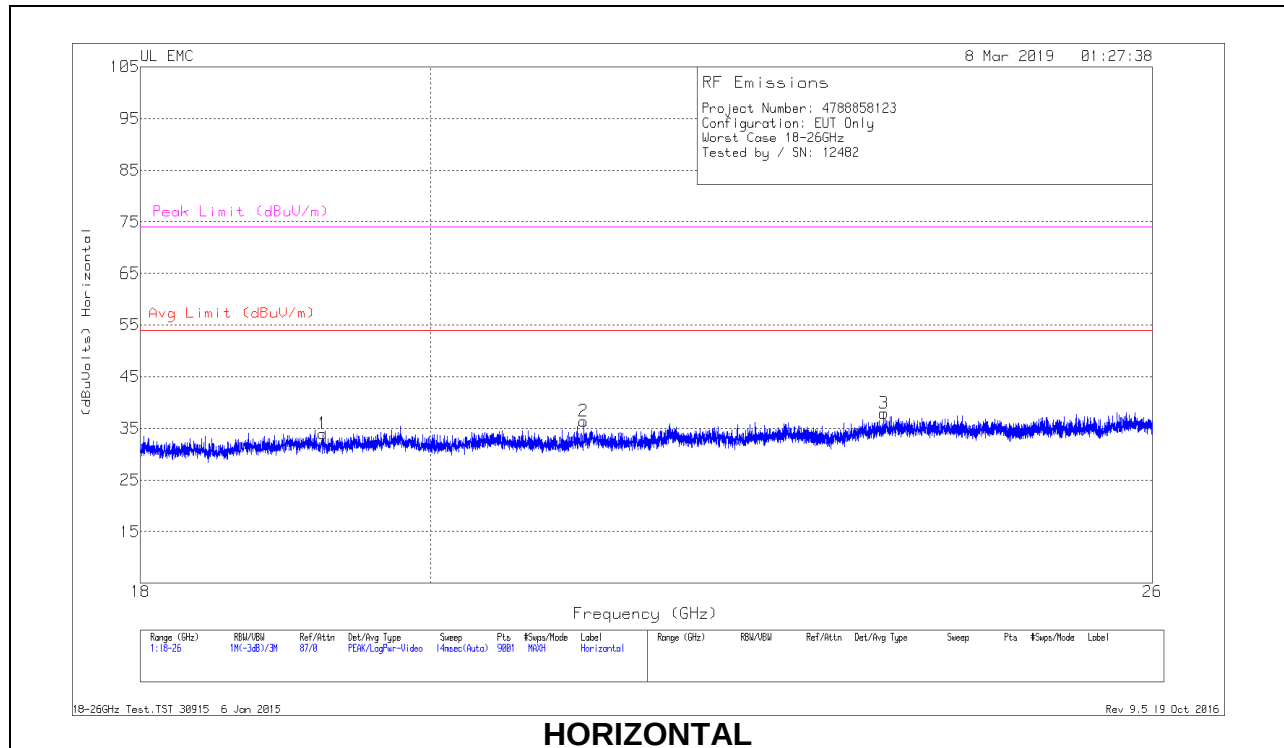
Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dBm)	Cables (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
7.81003	18.69	Pk	10.9	.4	-40	-10.01	29.5	-39.51	199
7.84368	24.38	Pk	10.9	.4	-40	-4.32	29.5	-33.82	94
13.0151	9.72	Pk	10.8	.5	-40	-18.98	29.5	-48.48	33
18.4539	17.08	Pk	10.4	.6	-40	-11.92	29.5	-41.42	115
26.6955	12.35	Pk	9	.7	-40	-17.95	29.5	-47.45	358
26.7243	16.39	Pk	9	.7	-40	-13.91	29.5	-43.41	173

Pk - Peak detector

9.4. 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 PRE0181574 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	31.105	31.11	Pk	26.1	-27.2	30.01	40	-9.99	0-360	100	V
1	60.8125	32.79	Pk	13.5	-26.8	19.49	40	-20.51	0-360	300	H
2	91.88	34.87	Pk	14	-26.4	22.47	43.52	-21.05	0-360	100	V
3	221.1	33.39	Pk	16.6	-24.9	25.09	46.02	-20.93	0-360	100	H
6	297.1	28.59	Pk	19.2	-24.4	23.39	46.02	-22.63	0-360	200	V
4	589.7	27.48	Pk	24.2	-24.7	26.98	46.02	-19.04	0-360	300	V

9.5. 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	19.232	35.53	Pk	32.7	-24.8	-9.5	33.93	54	-20.07	74	-40.07
2	21.144	38.38	Pk	33	-25.5	-9.5	36.38	54	-17.62	74	-37.62
3	23.581	37.73	Pk	34.1	-24.4	-9.5	37.93	54	-16.07	74	-36.07
4	19.073	35.96	Pk	32.6	-24.9	-9.5	34.16	54	-19.84	74	-39.84
5	20.487	37.66	Pk	33	-25.2	-9.5	35.96	54	-18.04	74	-38.04
6	25.72	39.01	Pk	34.4	-24.7	-9.5	39.21	54	-14.79	74	-34.79

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.

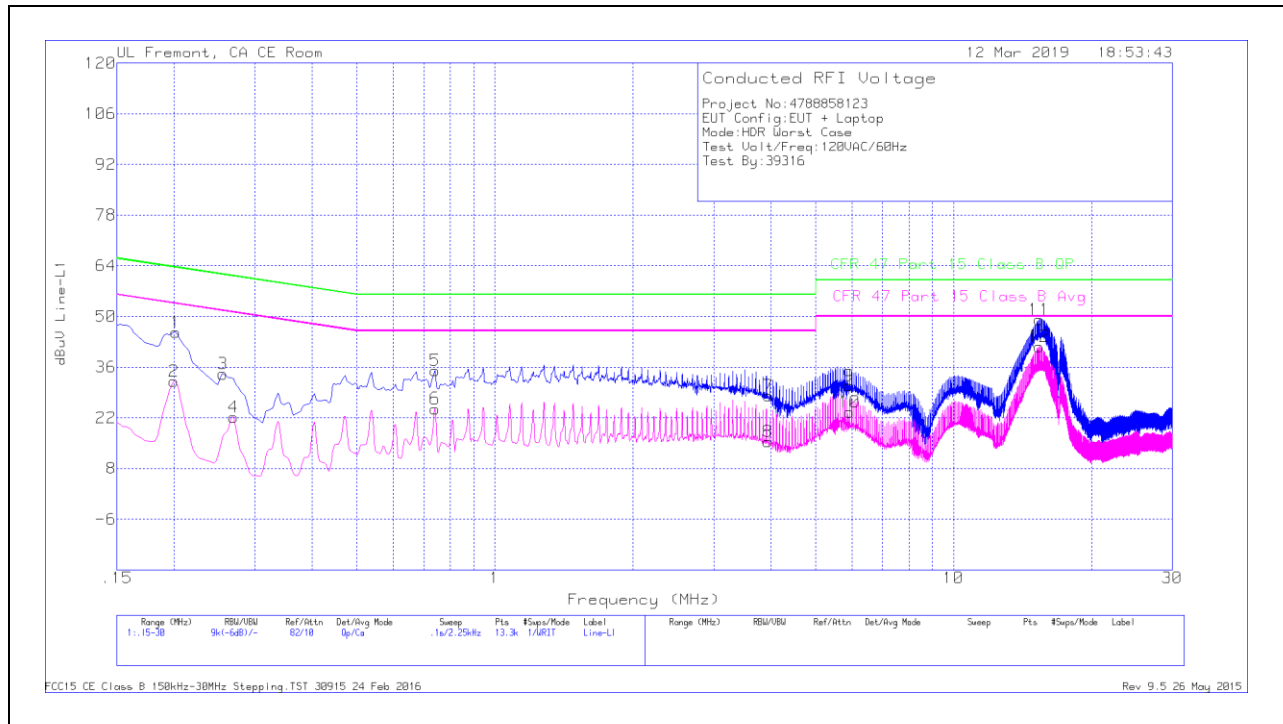
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.1. AC Power Line Host

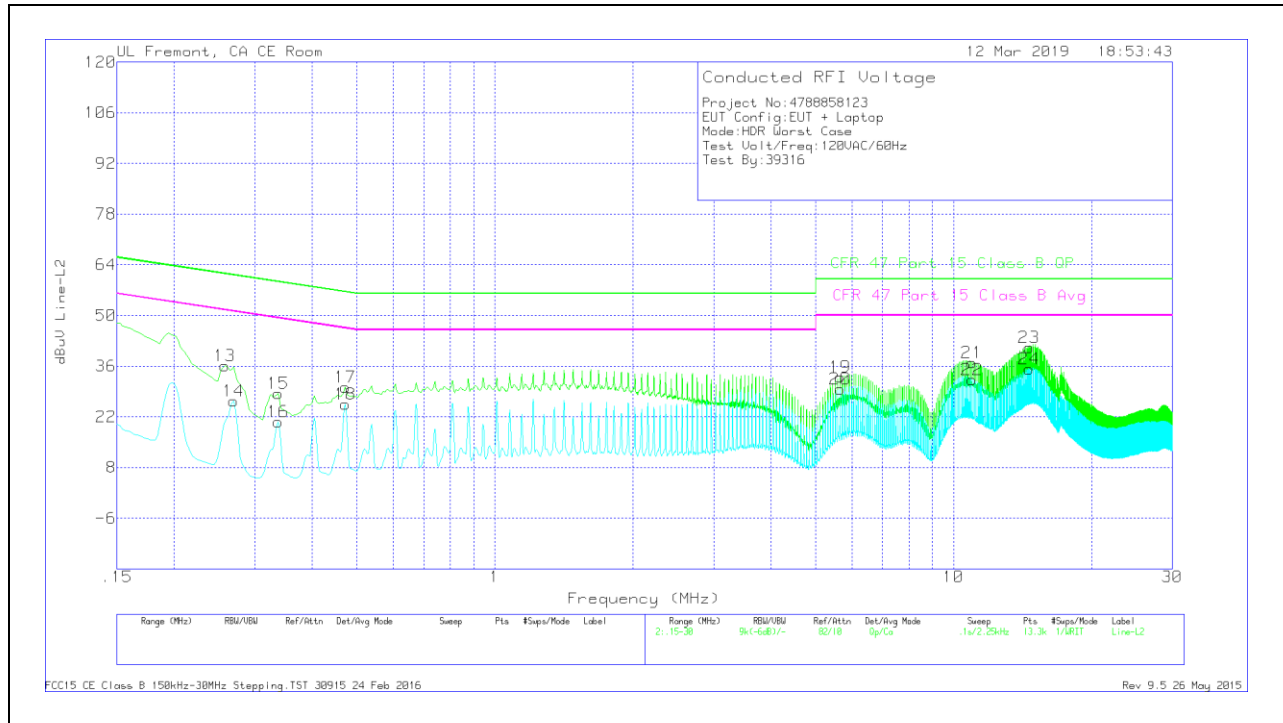
LINE 1 RESULTS



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	.20175	35.6	Qp	0	0	10.1	45.7	63.54	-17.84	-	-
2	.1995	22	Ca	0	0	10.1	32.1	-	-	53.63	-21.53
3	.25575	24	Qp	0	0	10.1	34.1	61.57	-27.47	-	-
4	.26925	12.04	Ca	0	0	10.1	22.14	-	-	51.14	-29
5	.74175	25	Qp	0	0	10.1	35.1	56	-20.9	-	-
6	.74175	14.43	Ca	0	0	10.1	24.53	-	-	46	-21.47
7	3.94575	17.92	Qp	0	.1	10.1	28.12	56	-27.88	-	-
8	3.9435	5.16	Ca	0	.1	10.1	15.36	-	-	46	-30.64
9	5.91225	20.43	Qp	0	.2	10.2	30.83	60	-29.17	-	-
10	5.92575	13.14	Ca	0	.2	10.2	23.54	-	-	50	-26.46
11	15.3645	38.55	Qp	.1	.3	10.2	49.15	60	-10.85	-	-
12	15.3645	31.14	Ca	.1	.3	10.2	41.74	-	-	50	-8.26

Qp - Quasi-Peak detector
Ca - CISPR average detection

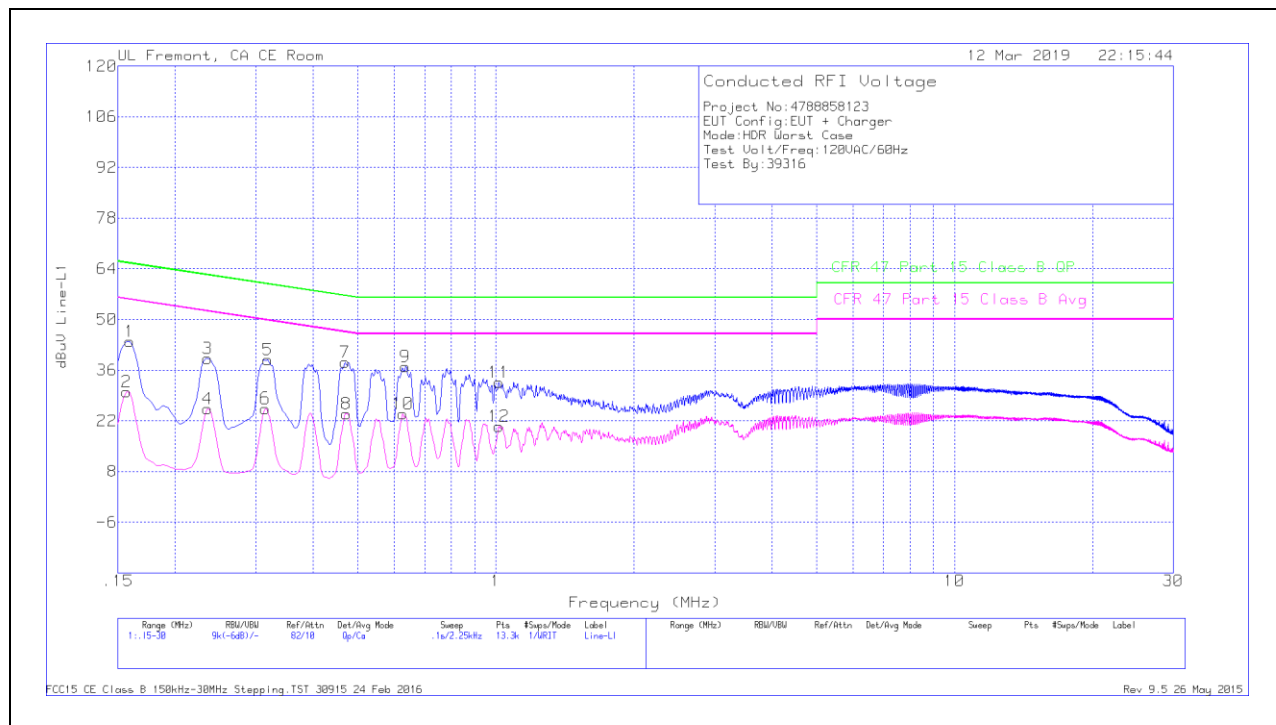
LINE 2 RESULTS



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	.258	25.97	Qp	0	0	10.1	36.07	61.5	-25.43	-	-
14	.26925	16.29	Ca	0	0	10.1	26.39	-	-	51.14	-24.75
15	.33675	18.36	Qp	0	0	10.1	28.46	59.28	-30.82	-	-
16	.33675	10.51	Ca	0	0	10.1	20.61	-	-	49.28	-28.67
17	.47175	20.14	Qp	0	0	10.1	30.24	56.48	-26.24	-	-
18	.47175	15.42	Ca	0	0	10.1	25.52	-	-	46.48	-20.96
19	5.658	22.49	Qp	0	.2	10.2	32.89	60	-27.11	-	-
20	5.658	19.28	Ca	0	.2	10.2	29.68	-	-	50	-20.32
21	10.97925	26.56	Qp	0	.2	10.2	36.96	60	-23.04	-	-
22	10.97925	21.86	Ca	0	.2	10.2	32.26	-	-	50	-17.74
23	14.61525	30.49	Qp	.1	.3	10.2	41.09	60	-18.91	-	-
24	14.61525	24.59	Ca	.1	.3	10.2	35.19	-	-	50	-14.81

Qp - Quasi-Peak detector

Ca - CISPR average detection

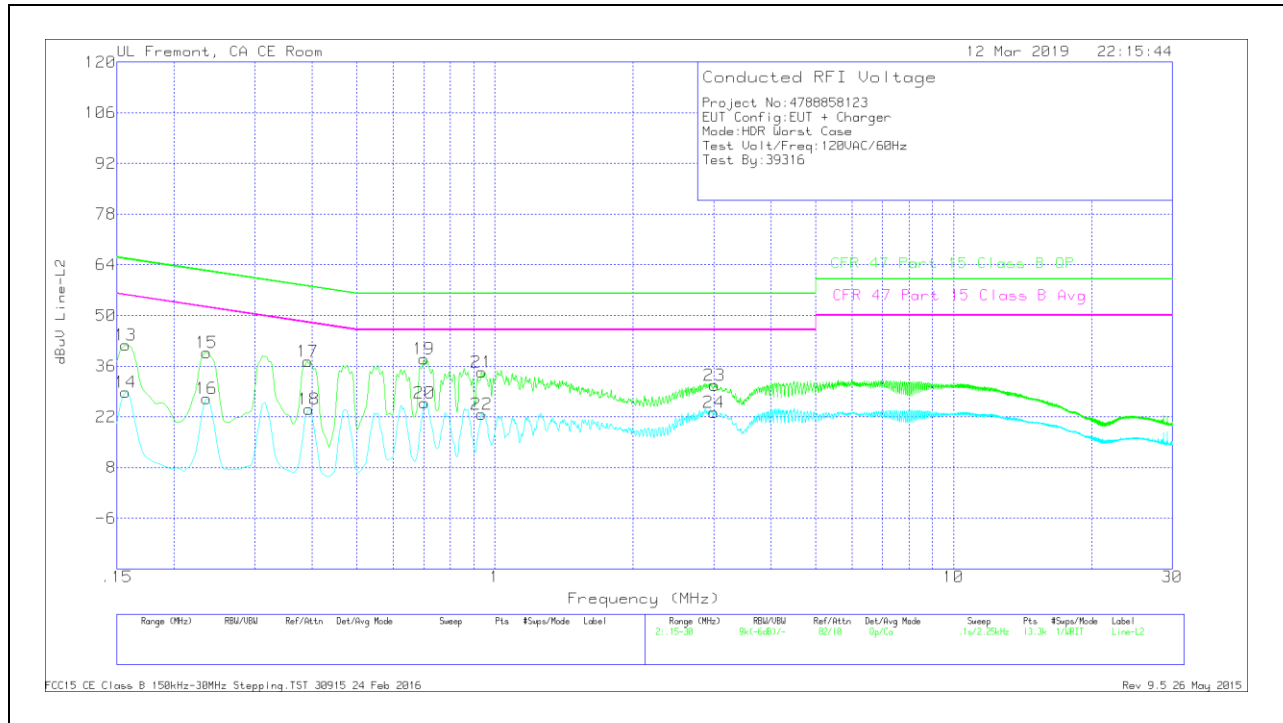
10.2. AC Power Line Norm**LINE 1 RESULTS**

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	.159	33.7	Qp	.1	0	10.1	43.9	65.52	-21.62	-	-
2	.15675	19.83	Ca	.1	0	10.1	30.03	-	-	55.63	-25.6
3	.2355	29.1	Qp	0	0	10.1	39.2	62.25	-23.05	-	-
4	.2355	15.26	Ca	0	0	10.1	25.36	-	-	52.25	-26.89
5	.31875	28.7	Qp	0	0	10.1	38.8	59.74	-20.94	-	-
6	.31425	15.3	Ca	0	0	10.1	25.4	-	-	49.86	-24.46
7	.4695	28.09	Qp	0	0	10.1	38.19	56.52	-18.33	-	-
8	.47175	13.89	Ca	0	0	10.1	23.99	-	-	46.48	-22.49
9	.636	26.79	Qp	0	0	10.1	36.89	56	-19.11	-	-
10	.627	13.83	Ca	0	0	10.1	23.93	-	-	46	-22.07
11	1.01625	22.36	Qp	0	.1	10.1	32.56	56	-23.44	-	-
12	1.01625	10.23	Ca	0	.1	10.1	20.43	-	-	46	-25.57

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	.15675	31.64	Qp	.1	0	10.1	41.84	65.63	-23.79	-	-
14	.15675	18.58	Ca	.1	0	10.1	28.78	-	-	55.63	-26.85
15	.2355	29.57	Qp	0	0	10.1	39.67	62.25	-22.58	-	-
16	.2355	17.01	Ca	0	0	10.1	27.11	-	-	52.25	-25.14
17	.39075	27.22	Qp	0	0	10.1	37.32	58.05	-20.73	-	-
18	.393	14.01	Ca	0	0	10.1	24.11	-	-	48	-23.89
19	.70125	27.88	Qp	0	0	10.1	37.98	56	-18.02	-	-
20	.7035	15.66	Ca	0	0	10.1	25.76	-	-	46	-20.24
21	.93525	24.22	Qp	0	.1	10.1	34.42	56	-21.58	-	-
22	.93525	12.56	Ca	0	.1	10.1	22.76	-	-	46	-23.24
23	3.01425	20.47	Qp	0	.1	10.1	30.67	56	-25.33	-	-
24	3.003	12.96	Ca	0	.1	10.1	23.16	-	-	46	-22.84

Qp - Quasi-Peak detector

Ca - CISPR average detection

11. SETUP PHOTOS

Please refer to 12696946-EP1V1 for setup photos

END OF TEST REPORT