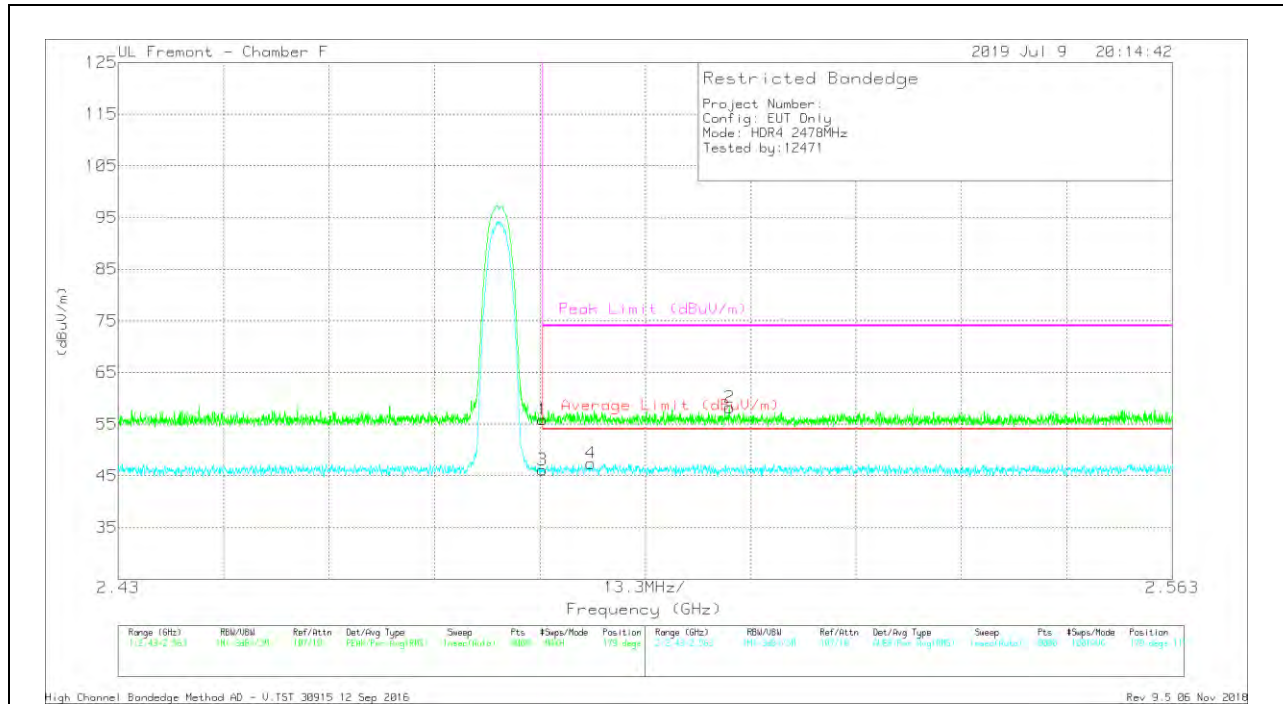


VERTICAL RESULT

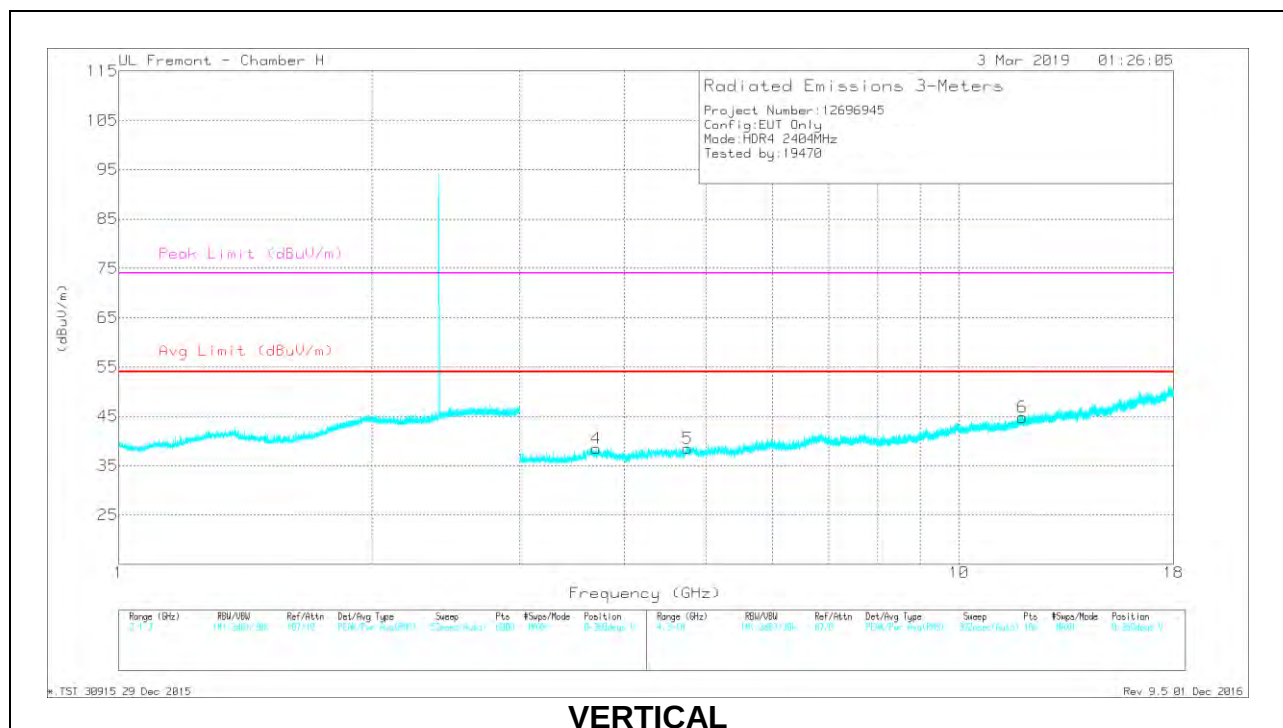
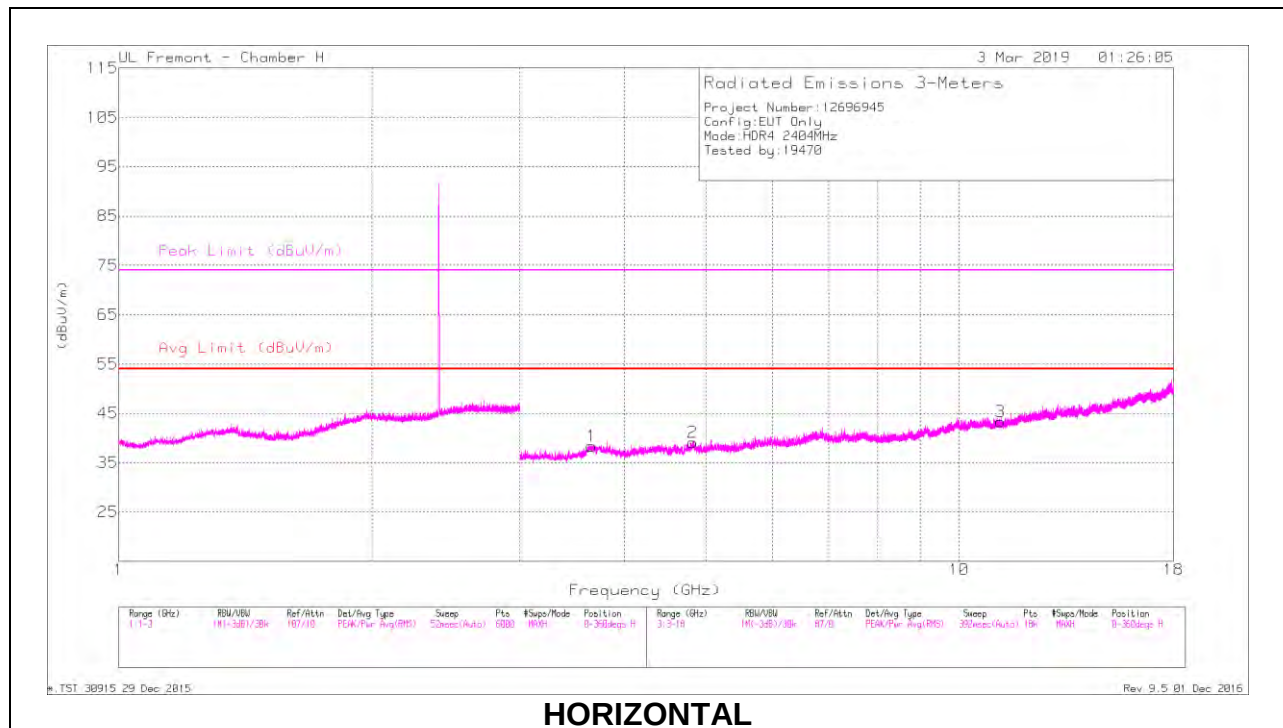


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	Amp/Cbl/Filtr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	38.18	Pk	32.4	-14.7	55.88	-	-	74	-18.12	179	115	V
2	2.507	40.66	Pk	32.4	-14.8	58.26	-	-	74	-15.74	179	115	V
3	* 2.484	28.44	RMS	32.4	-14.7	46.14	54	-7.86	-	-	179	115	V
4	* 2.49	29.72	RMS	32.3	-14.6	47.42	54	-6.58	-	-	179	115	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

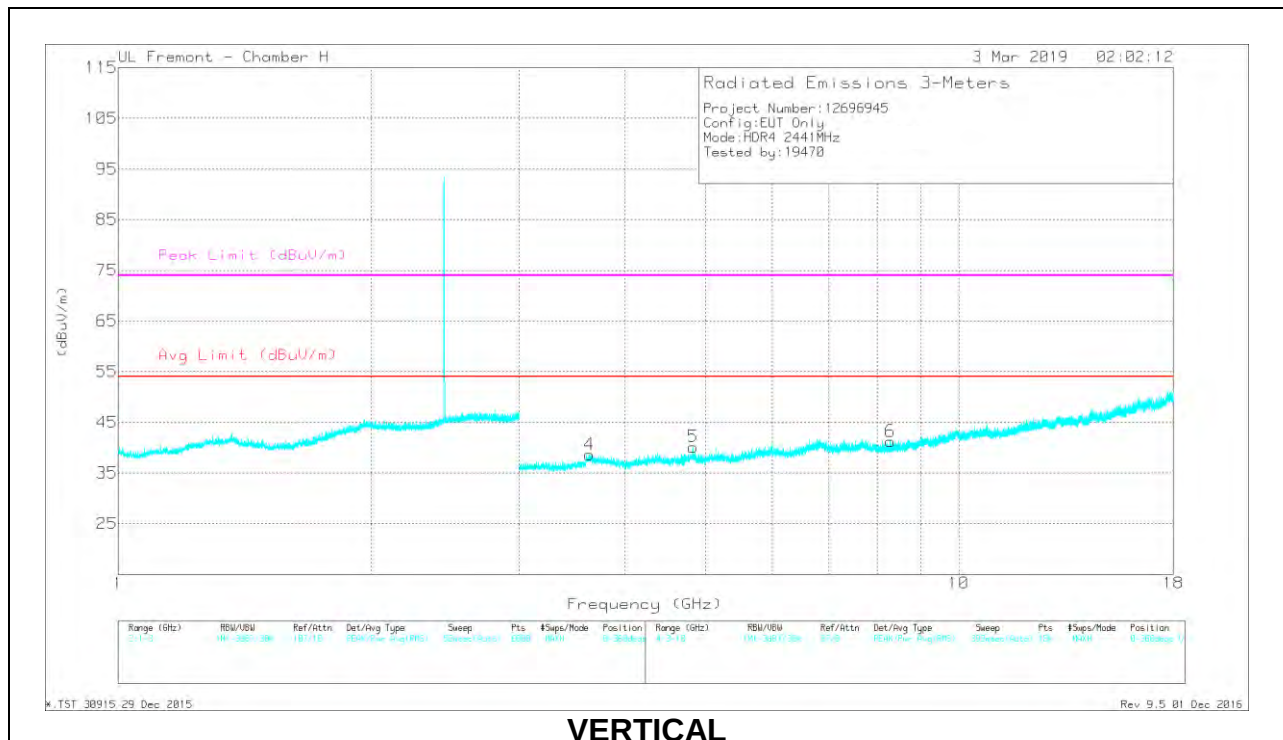
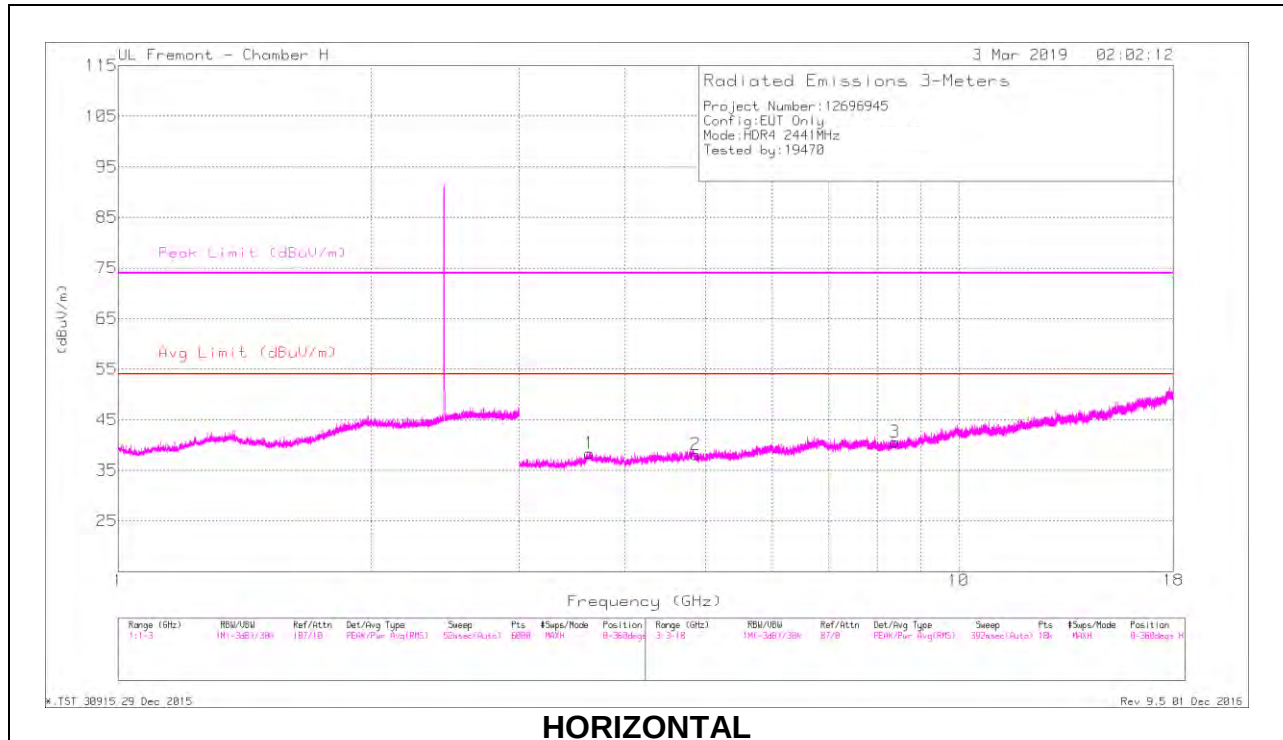
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Ftr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.655	40.68	PK2	33.1	-29.6	0	44.18	-	-	74	-29.82	276	128	H
	* 3.655	29.91	MAv1	33.1	-29.6	0	33.41	54	-20.59	-	-	276	128	H
2	* 4.825	42.54	PK2	34.1	-30.3	0	46.34	-	-	74	-27.66	242	166	H
	* 4.825	30.86	MAv1	34.1	-30.3	0	34.66	54	-19.34	-	-	242	166	H
3	* 11.205	35.66	PK2	37.9	-22.8	0	50.76	-	-	74	-23.24	259	224	H
	* 11.206	24.48	MAv1	37.9	-22.9	0	39.48	54	-14.52	-	-	259	224	H
4	* 3.7	42.08	PK2	33.1	-30.4	0	44.78	-	-	74	-29.22	238	199	V
	* 3.7	30.62	MAv1	33.1	-30.4	0	33.32	54	-20.68	-	-	238	199	V
5	* 4.752	41.97	PK2	34.1	-30	0	46.07	-	-	74	-27.93	184	234	V
	* 4.754	30.72	MAv1	34.1	-30	0	34.82	54	-19.18	-	-	184	234	V
6	* 11.9	36.13	PK2	38.7	-22.9	0	51.93	-	-	74	-22.07	167	213	V
	* 11.901	24.75	MAv1	38.7	-22.9	0	40.55	54	-13.45	-	-	167	213	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

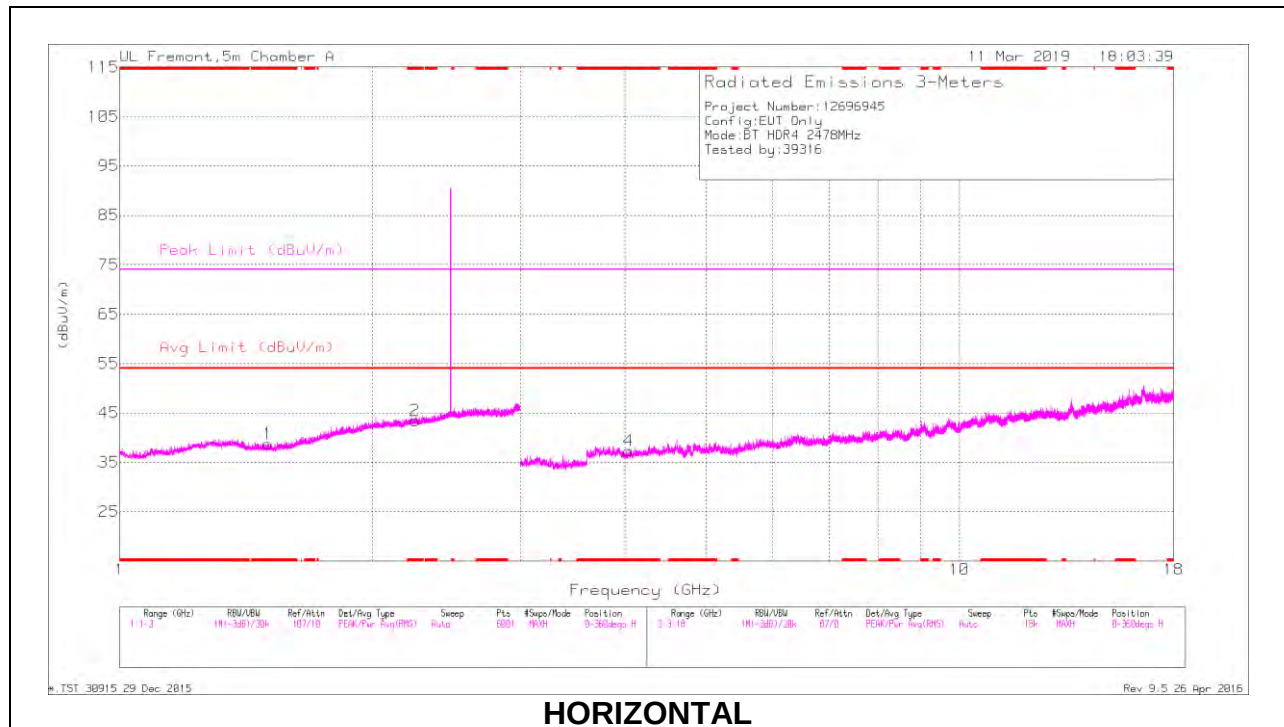
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Ftr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.635	40.97	PK2	33.1	-29.5	0	44.57	-	-	74	-29.43	319	159	H
	* 3.635	30.1	MAv1	33.1	-29.5	0	33.7	54	-20.3	-	-	319	159	H
2	* 4.863	41.57	PK2	34	-30.4	0	45.17	-	-	74	-28.83	294	173	H
	* 4.862	30.23	MAv1	34	-30.4	0	33.83	54	-20.17	-	-	294	173	H
3	* 8.395	37.89	PK2	35.9	-26	0	47.79	-	-	74	-26.21	267	235	H
	* 8.399	26.91	MAv1	35.9	-26.1	0	36.71	54	-17.29	-	-	267	235	H
4	* 3.635	41.07	PK2	33.1	-29.5	0	44.67	-	-	74	-29.33	302	284	V
	* 3.635	30.02	MAv1	33.1	-29.5	0	33.62	54	-20.38	-	-	302	284	V
5	* 4.829	42.04	PK2	34.1	-30.4	0	45.74	-	-	74	-28.26	263	298	V
	* 4.831	30.83	MAv1	34.1	-30.4	0	34.53	54	-19.47	-	-	263	298	V
6	* 8.299	37.62	PK2	35.8	-25.8	0	47.62	-	-	74	-26.38	227	253	V
	* 8.298	26.39	MAv1	35.8	-25.8	0	36.39	54	-17.61	-	-	227	253	V

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

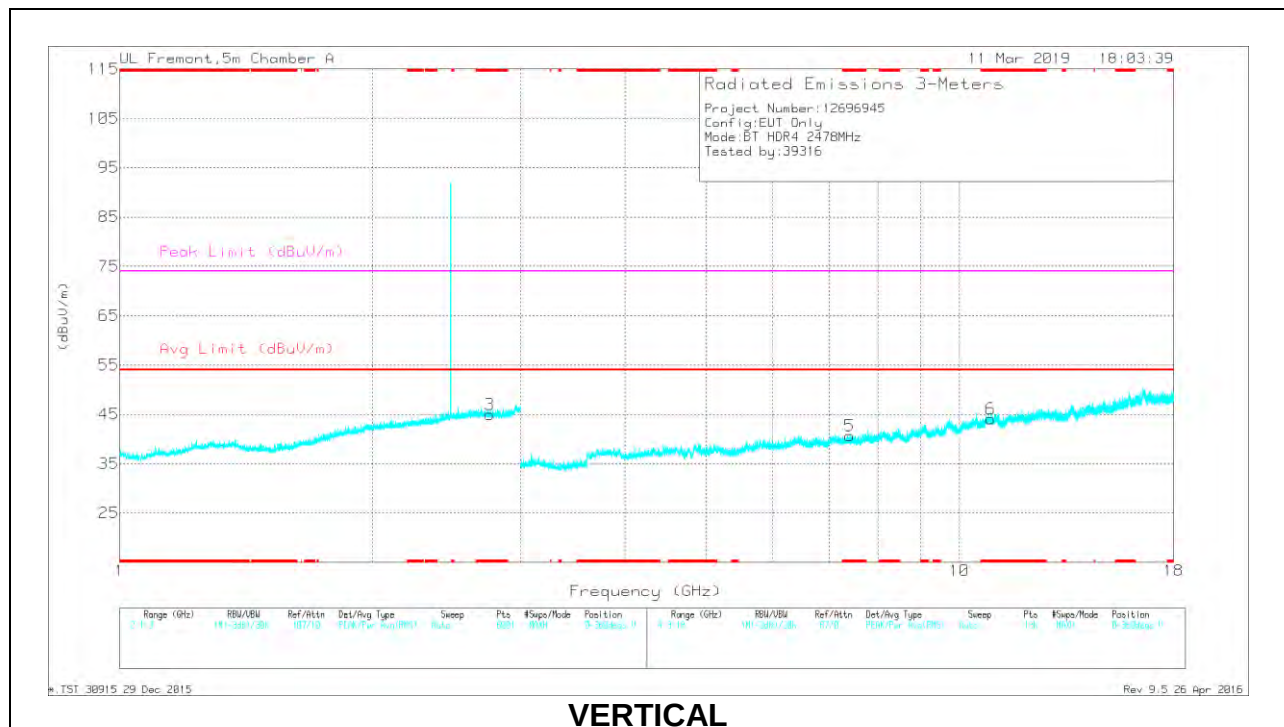
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT345 (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	* 1.501	42.34	PK2	27.9	-24.6	45.64	-	-	74	-28.36	234	167	H
	* 1.505	30.89	MAv1	27.9	-24.6	34.19	54	-19.81	-	-	234	167	H
2	* 2.25	41.67	PK2	31.6	-22.8	50.47	-	-	74	-23.53	99	231	H
	* 2.248	30.39	MAv1	31.6	-22.9	39.09	54	-14.91	-	-	99	231	H
3	* 2.758	42.16	PK2	32.4	-22.1	52.46	-	-	74	-21.54	168	138	V
	* 2.758	31.2	MAv1	32.4	-22.1	41.5	54	-12.5	-	-	168	138	V
4	* 4.036	39.26	PK2	33.7	-29	43.96	-	-	74	-30.04	220	147	H
	* 4.036	29.06	MAv1	33.7	-29	33.76	54	-20.24	-	-	220	147	H
5	* 7.402	34.16	PK2	35.6	-23.5	46.26	-	-	74	-27.74	294	161	V
	* 7.403	24.85	MAv1	35.6	-23.5	36.95	54	-17.05	-	-	294	161	V
6	* 10.898	33.04	PK2	37.9	-20.3	50.64	-	-	74	-23.36	163	143	V
	* 10.899	23.36	MAv1	37.9	-20.3	40.96	54	-13.04	-	-	163	143	V

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

PK2 - KDB558074 Method: Maximum Peak

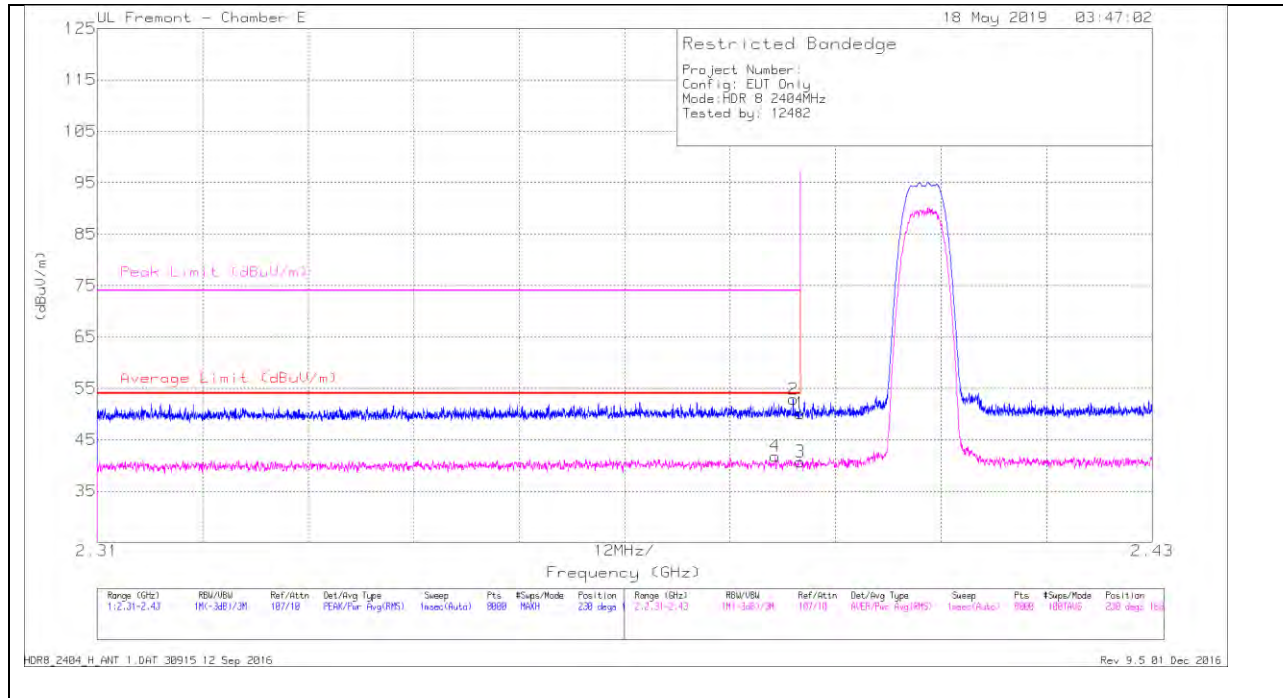
MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.4. LOW POWER HDR (HDR8)

Antenna 2

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cb/Flt/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	44.02	Pk	32.3	-26.2	50.12	-	-	74	-23.88	230	163	H
2	* 2.389	46.79	Pk	32.3	-26.2	52.89	-	-	74	-21.11	230	163	H
3	* 2.39	34.59	RMS	32.3	-26.2	40.69	54	-13.31	-	-	230	163	H
4	* 2.387	35.82	RMS	32.3	-26.3	41.82	54	-12.18	-	-	230	163	H

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

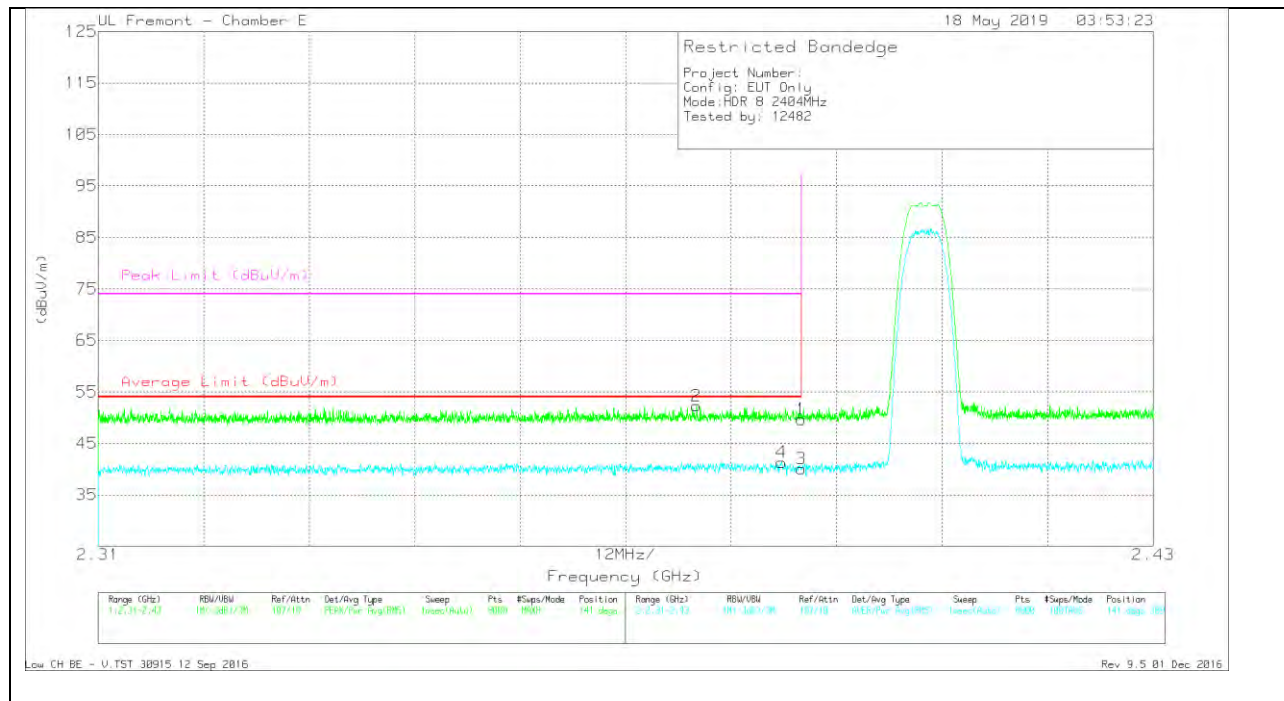
Pk - Peak detector

RMS - RMS detection

HDR8_2404_H_ANT 1.DAT 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filt/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	43.58	Pk	32.3	-26.2	49.68	-	-	74	-24.32	141	309	V
2	* 2.378	46.25	Pk	32.2	-26.2	52.25	-	-	74	-21.75	141	309	V
3	* 2.39	33.94	RMS	32.3	-26.2	40.04	54	-13.96	-	-	141	309	V
4	* 2.388	35.21	RMS	32.3	-26.2	41.31	54	-12.69	-	-	141	309	V

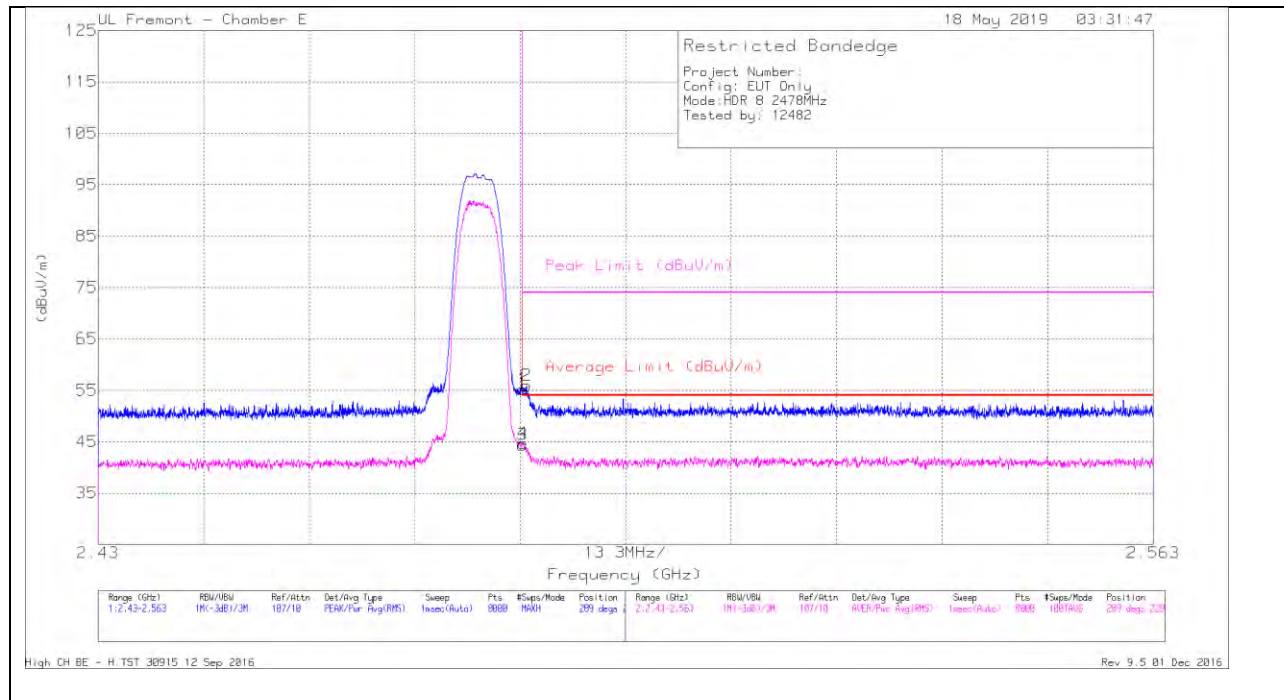
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

Low CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Fitr/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	* 2.484	48.75	Pk	32.8	-26.3	55.25	-	-	74	-18.75	289	229	H
2	* 2.484	49.4	Pk	32.8	-26.3	55.9	-	-	74	-18.1	289	229	H
3	* 2.484	37.91	RMS	32.8	-26.3	44.41	54	-9.59	-	-	289	229	H
4	* 2.484	38.21	RMS	32.8	-26.3	44.71	54	-9.29	-	-	289	229	H

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

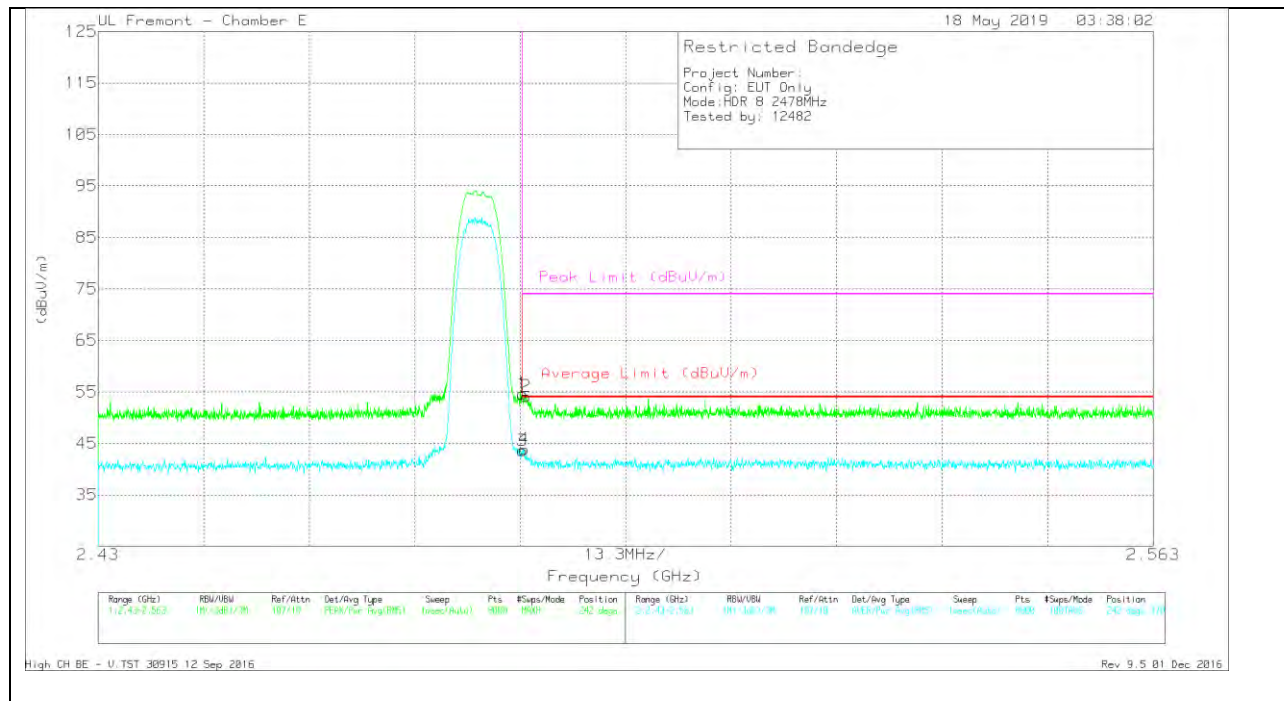
Pk - Peak detector

RMS - RMS detection

High CH BE - H.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Filt/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	* 2.484	48.16	Pk	32.8	-26.3	54.66	-	-	74	-19.34	242	370	V
2	* 2.484	47.64	Pk	32.8	-26.3	54.14	-	-	74	-19.86	242	370	V
3	* 2.484	37.08	RMS	32.8	-26.3	43.58	54	-10.42	-	-	242	370	V
4	* 2.484	37.39	RMS	32.8	-26.3	43.89	54	-10.11	-	-	242	370	V

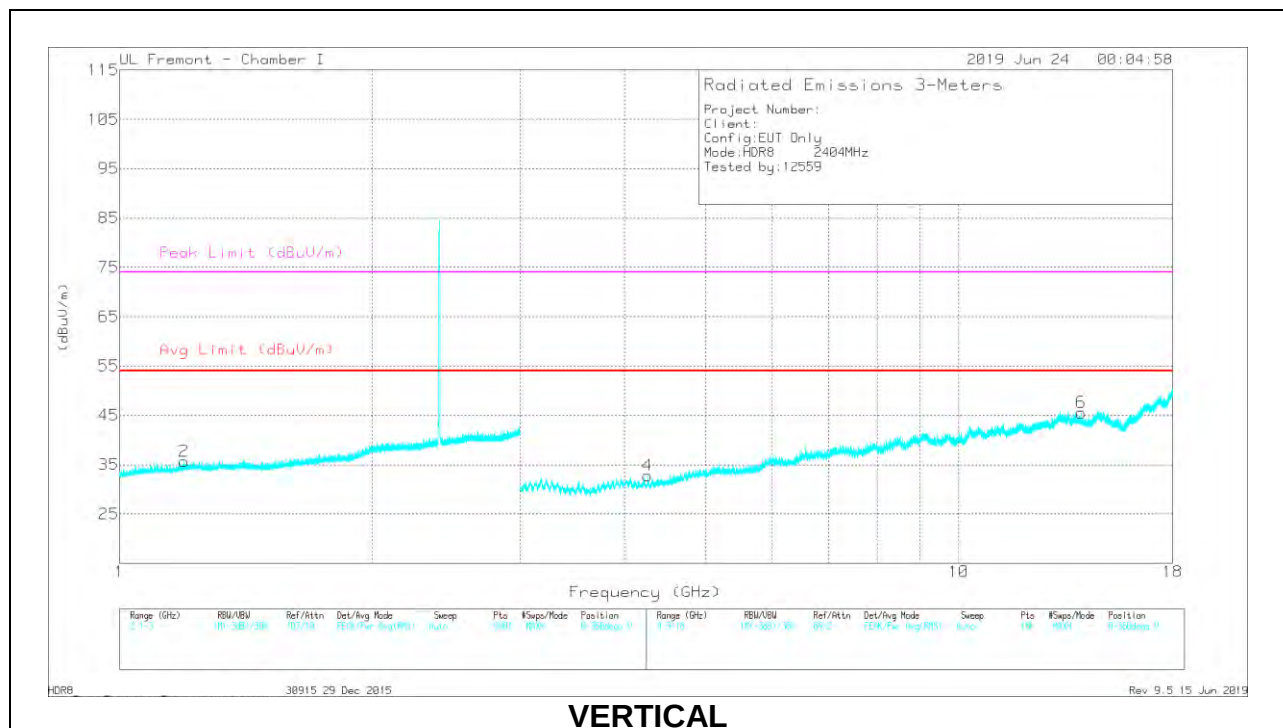
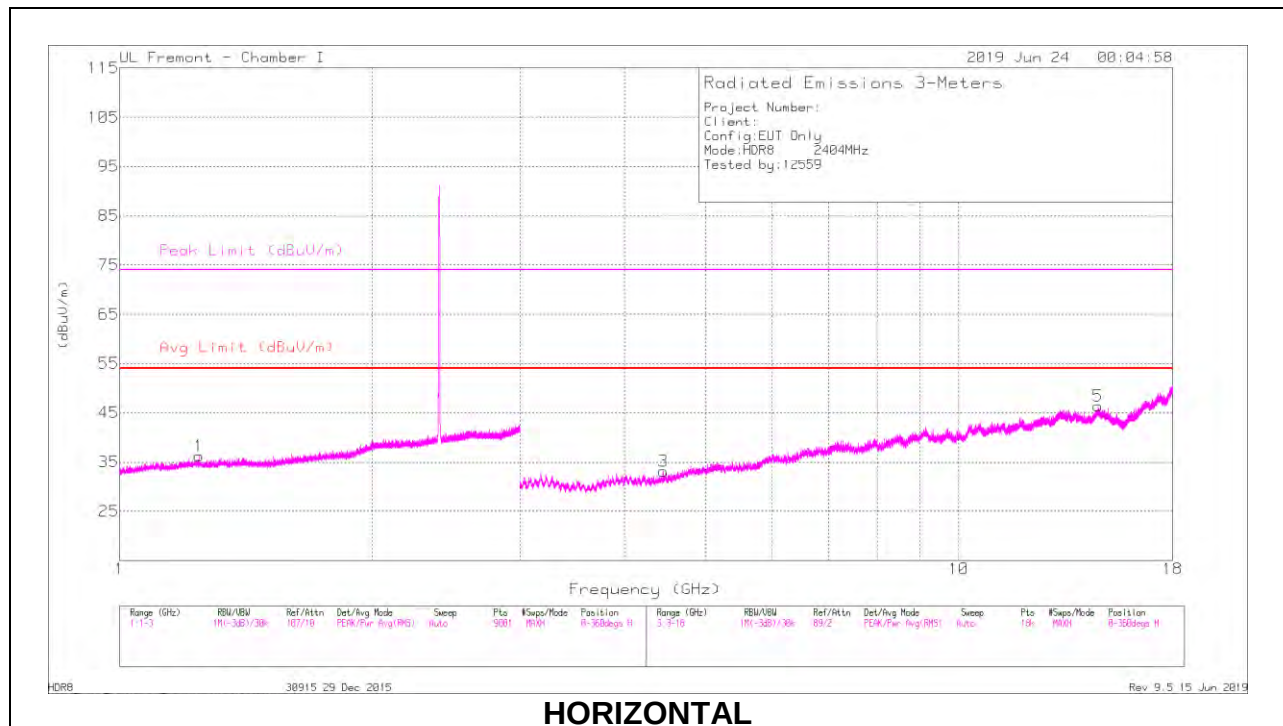
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

High CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL RESULTS**

RADIATED EMISSIONS

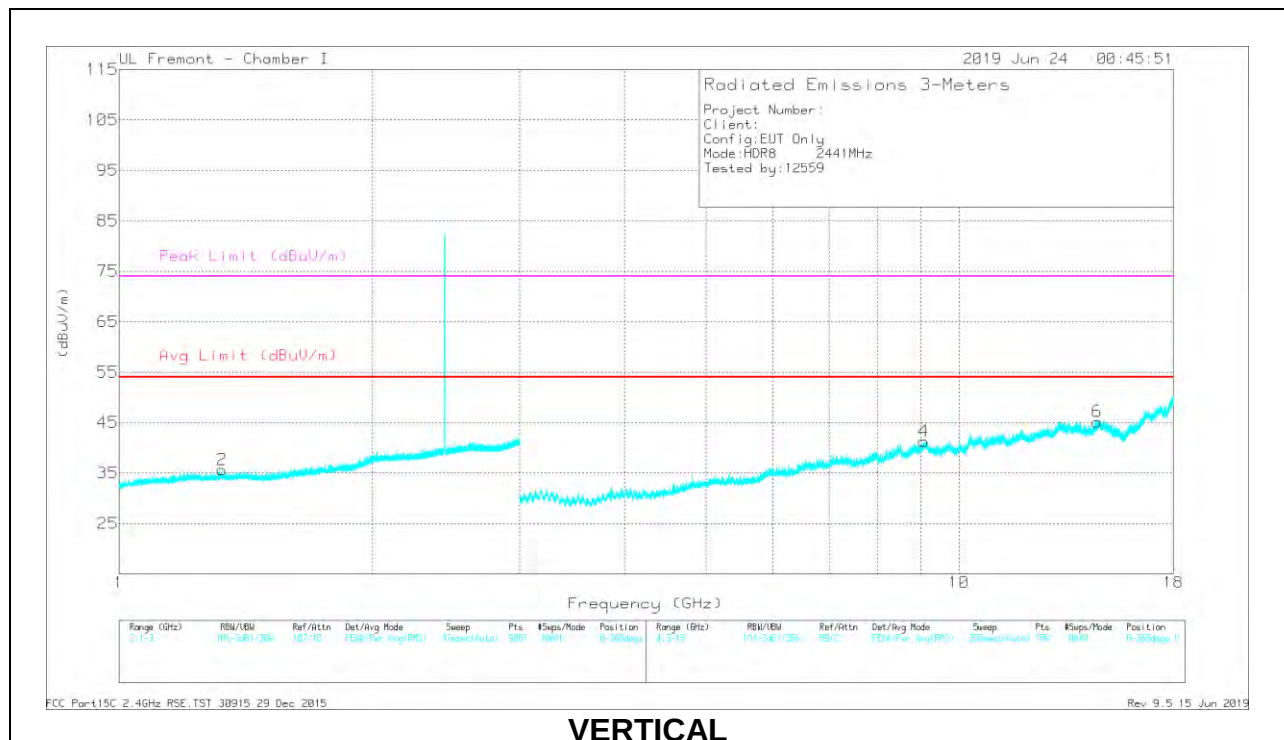
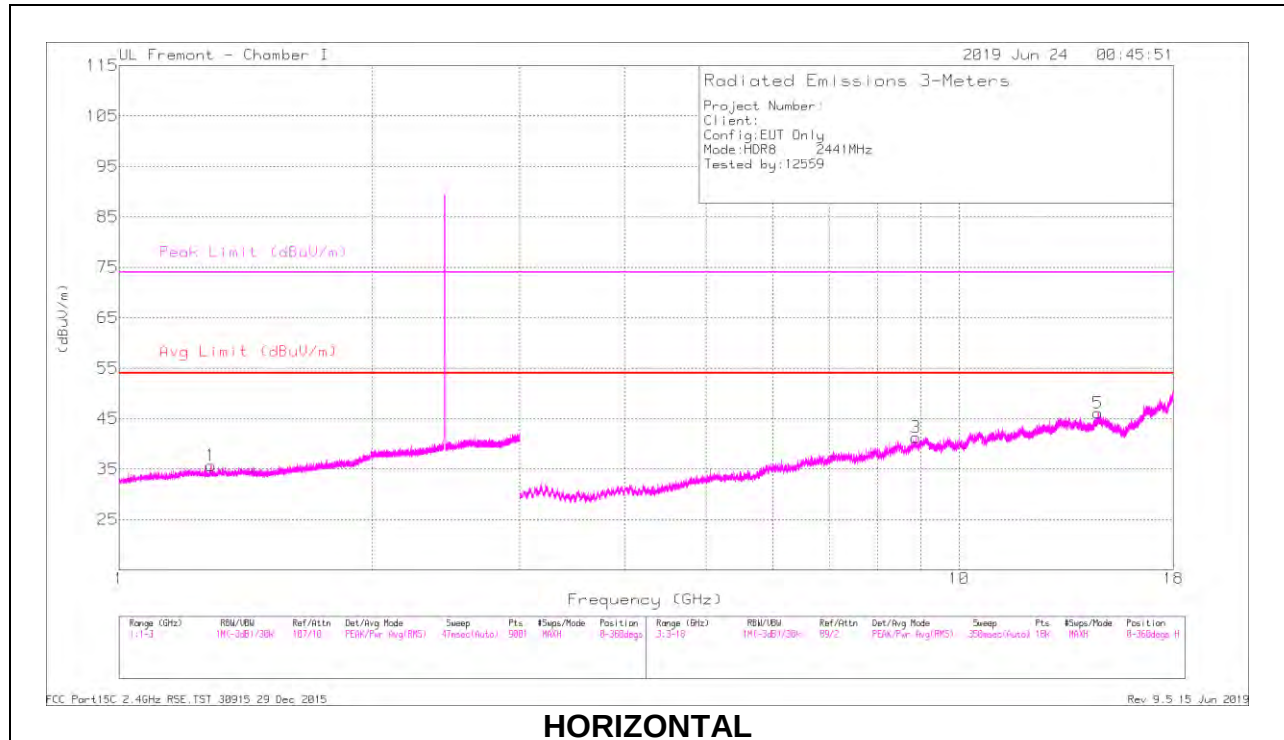
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE019081 0 (dB/m)	Amp/Cbl/FI tri/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*1.24297	41.43	PK2	24.4	-22.9	42.93	-	-	74	-31.07	0	100	H
	*1.2435	31.52	MAv1	24.4	-22.9	33.02	54	-20.98	-	-	0	100	H
2	*1.1953	41.98	PK2	24.1	-23.1	42.98	-	-	74	-31.02	0	100	V
	*1.1945	30.64	MAv1	24.1	-23.1	31.64	54	-22.36	-	-	0	100	V
3	4.44746	37.67	PK2	31.8	-29.1	40.37	-	-	-	-	0	100	H
5	14.66973	33.12	PK2	41.2	-21.2	53.12	-	-	-	-	0	100	H
4	*4.25886	36.92	PK2	31.3	-29.1	39.12	-	-	74	-34.88	0	100	V
	*4.25807	27.23	MAv1	31.3	-29.1	29.43	54	-24.57	-	-	0	100	V
6	14.00595	33.71	PK2	40.4	-21.8	52.31	-	-	-	-	0	100	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

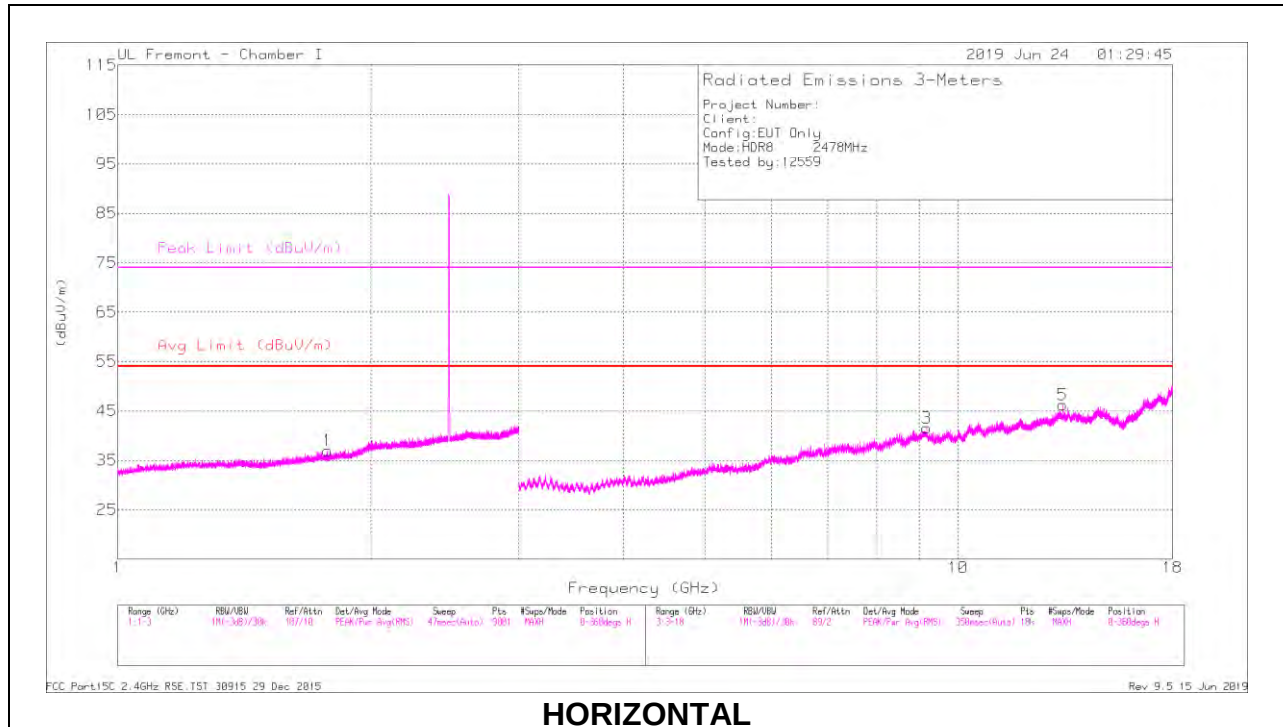
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE019081 0 (dB/m)	Ampl/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*1.28444	41.21	PK2	24.5	-22.9	42.81	-	-	74	-31.19	0	100	H
	*1.28671	30.77	MAv1	24.5	-22.9	32.37	54	-21.63	-	-	0	100	H
2	*1.32444	41.26	PK2	24.5	-23	42.76	-	-	74	-31.24	0	100	V
	*1.3259	31.87	MAv1	24.5	-23	33.37	54	-20.63	-	-	0	100	V
3	8.88148	32.93	PK2	37.8	-22.5	48.23	-	-	-	-	0	100	H
5	14.64568	33.38	PK2	41.2	-21.4	53.18	-	-	-	-	0	100	H
4	*9.07785	33.09	PK2	37.9	-21.7	49.29	-	-	74	-24.71	0	100	V
	*9.07823	23.06	MAv1	37.9	-21.7	39.26	54	-14.74	-	-	0	100	V
6	14.61745	33.34	PK2	41.2	-21.5	53.04	-	-	-	-	0	100	V

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

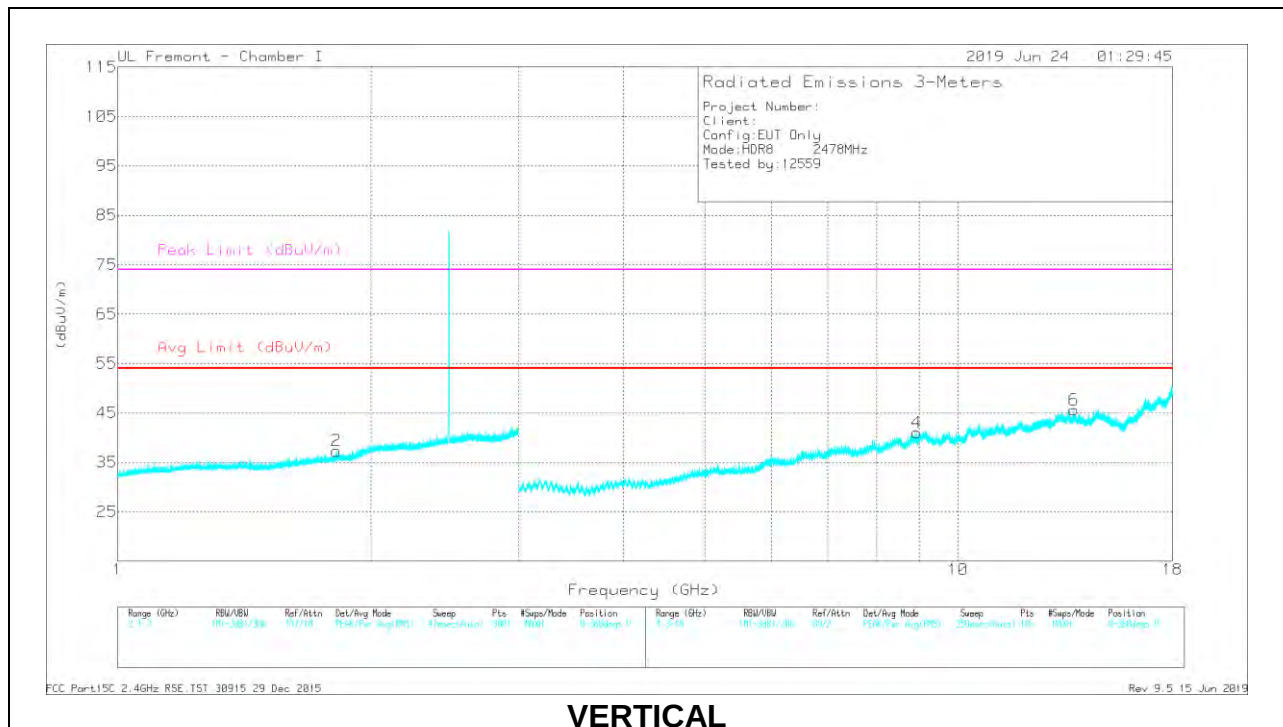
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

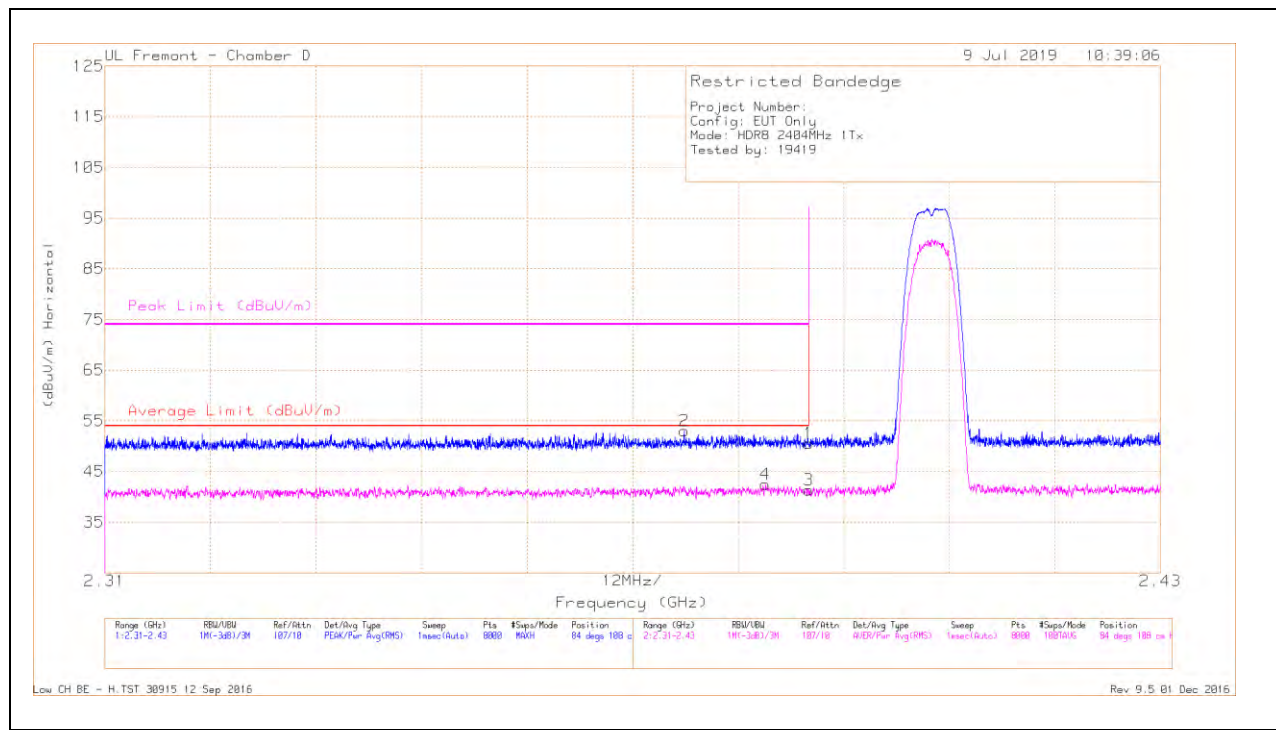
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE019081 0 (dB/m)	Amp/Cbl/FI tri/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	1.77779	41.17	PK2	26	-22.2	44.97	-	-	-	-	0	121	H
2	1.81967	40.97	PK2	26.1	-22.2	44.87	-	-	-	-	0	121	V
3	*9.17461	32.53	PK2	38	-21.2	49.33	-	-	74	-24.67	0	121	H
	*9.17337	22.21	MAV1	38	-21.2	39.01	54	-14.99	-	-	0	121	H
5	*13.33326	33.11	PK2	41.1	-21.6	52.61	-	-	74	-21.39	0	121	H
	*13.33191	22.78	MAV1	41.1	-21.6	42.28	54	-11.72	-	-	0	121	H
4	8.93321	33.3	PK2	37.8	-23.3	47.8	-	-	-	-	0	121	V
6	13.73685	33.11	PK2	40.8	-21.4	52.51	-	-	-	-	0	121	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

Antenna 5**BANEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

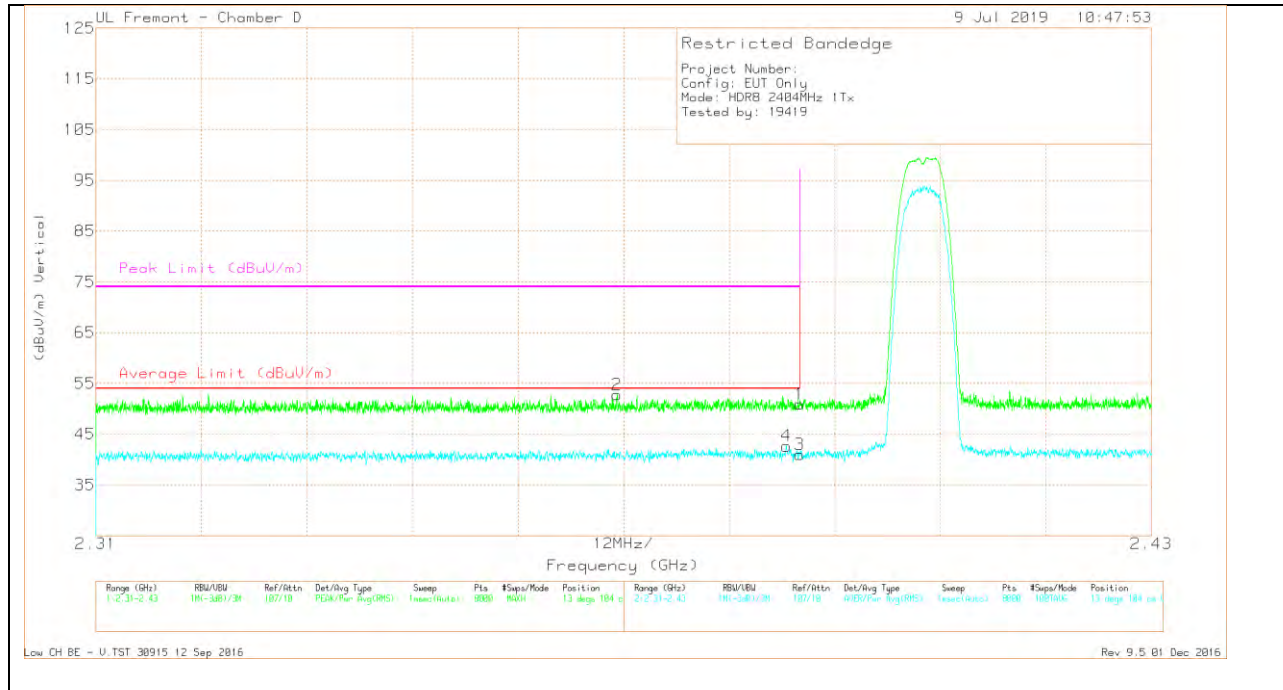
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.376	41.73	Pk	31.9	-20.6	53.03	-	-	74	-20.97	84	108	H
4	* 2.385	31.12	RMS	32	-20.7	42.42	54	-11.58	-	-	84	108	H
1	* 2.39	39.11	Pk	32	-20.6	50.51	-	-	74	-23.49	84	108	H
3	* 2.39	29.91	RMS	32	-20.6	41.31	54	-12.69	-	-	84	108	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

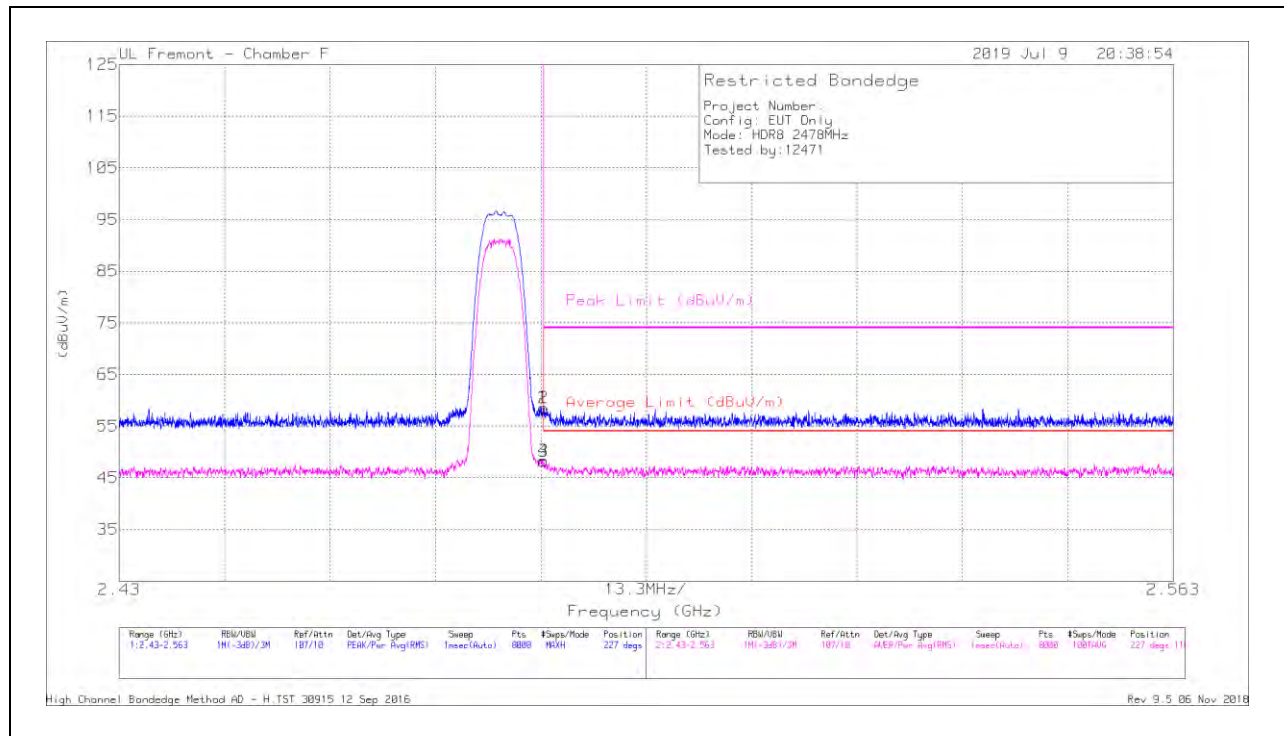


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.52	Pk	32	-20.6	50.92	-	-	74	-23.08	13	104	V
2	* 2.369	41.68	Pk	31.8	-20.7	52.78	-	-	74	-21.22	13	104	V
3	* 2.39	29.58	RMS	32	-20.6	40.98	54	-13.02	-	-	13	104	V
4	* 2.388	31.26	RMS	32	-20.6	42.66	54	-11.34	-	-	13	104	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

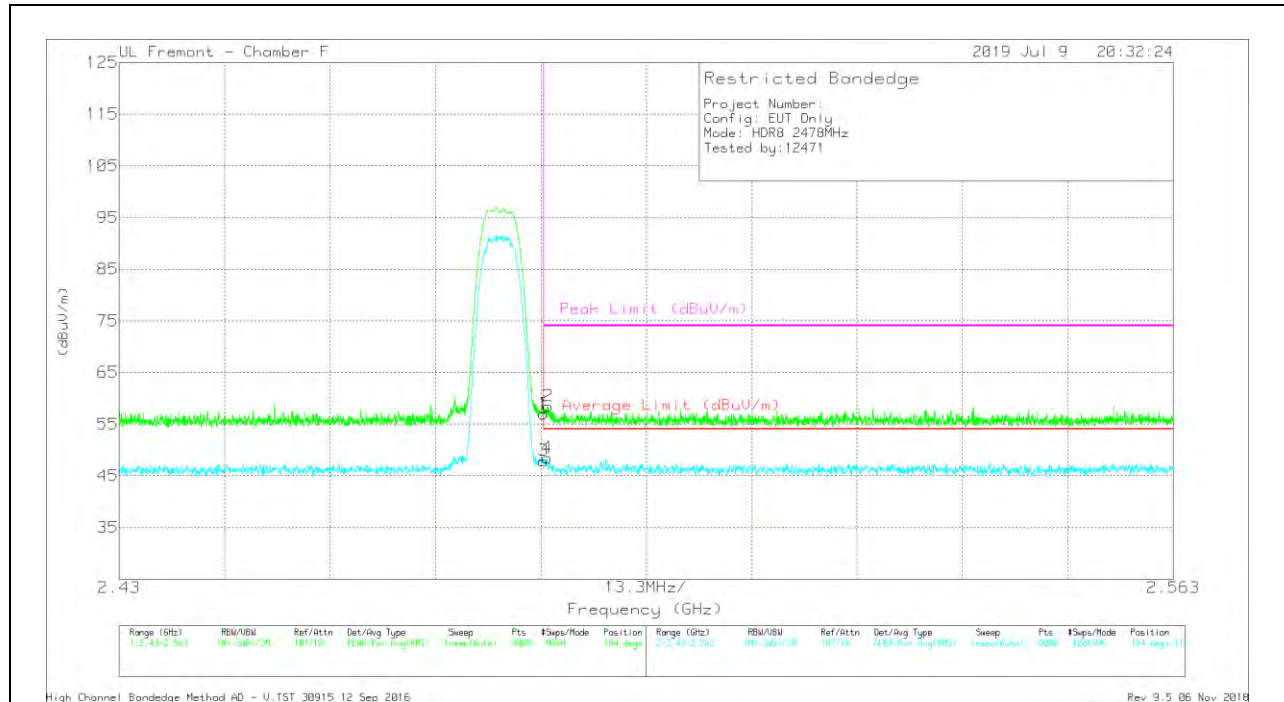
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	Amp/Cbl/Filtr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.87	Pk	32.4	-14.7	58.57	-	-	74	-15.43	227	116	H
2	* 2.484	40.84	Pk	32.4	-14.7	58.54	-	-	74	-15.46	227	116	H
3	* 2.484	30.53	RMS	32.4	-14.7	48.23	54	-5.77	-	-	227	116	H
4	* 2.484	30.58	RMS	32.4	-14.7	48.28	54	-5.72	-	-	227	116	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

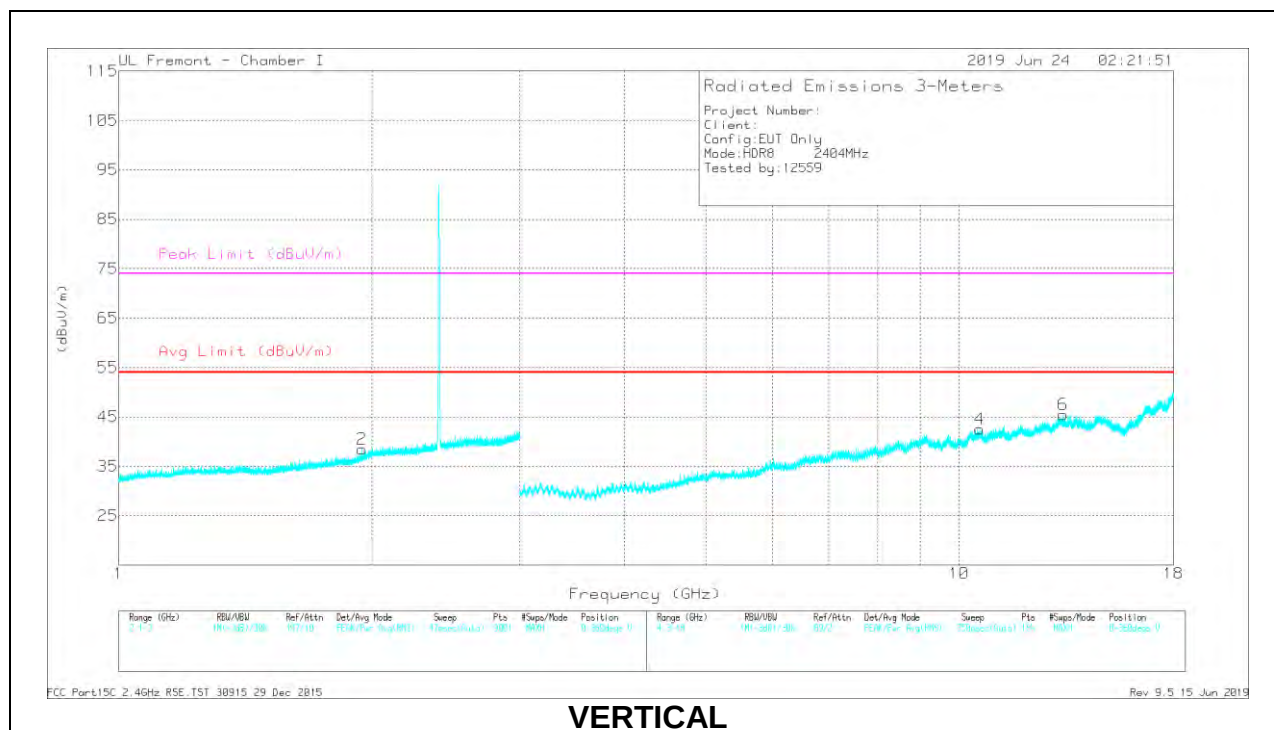
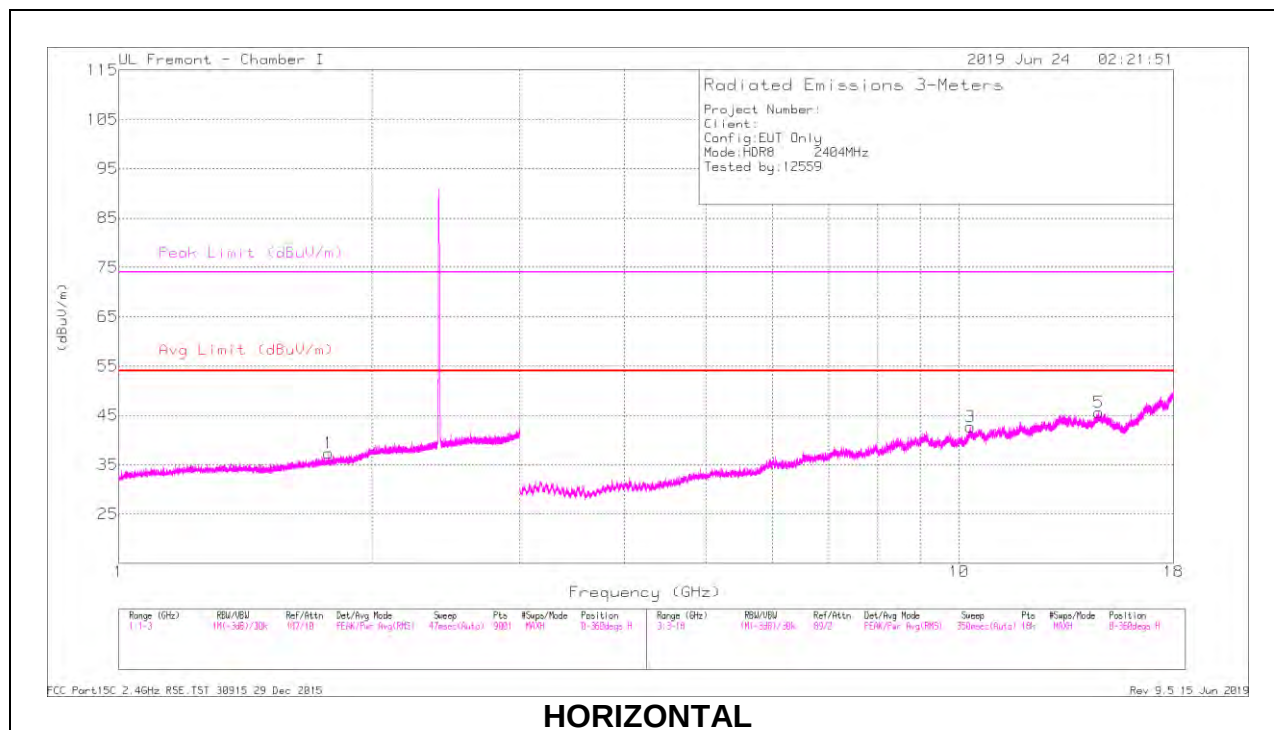


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	Amp/Cbl/Filtr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.3	Pk	32.4	-14.7	57	-	-	74	-17	184	116	V
2	* 2.484	40.79	Pk	32.4	-14.7	58.49	-	-	74	-15.51	184	116	V
3	* 2.484	30.2	RMS	32.4	-14.7	47.9	54	-6.1	-	-	184	116	V
4	* 2.484	30.76	RMS	32.4	-14.7	48.46	54	-5.54	-	-	184	116	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

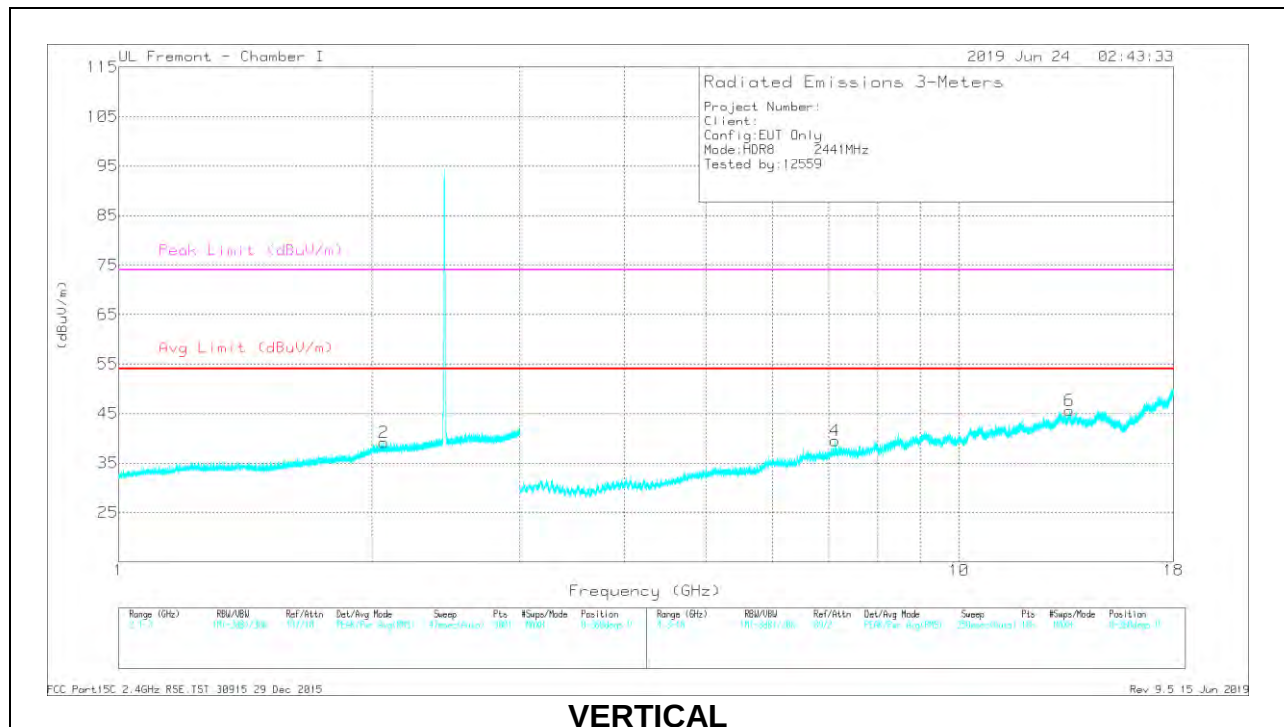
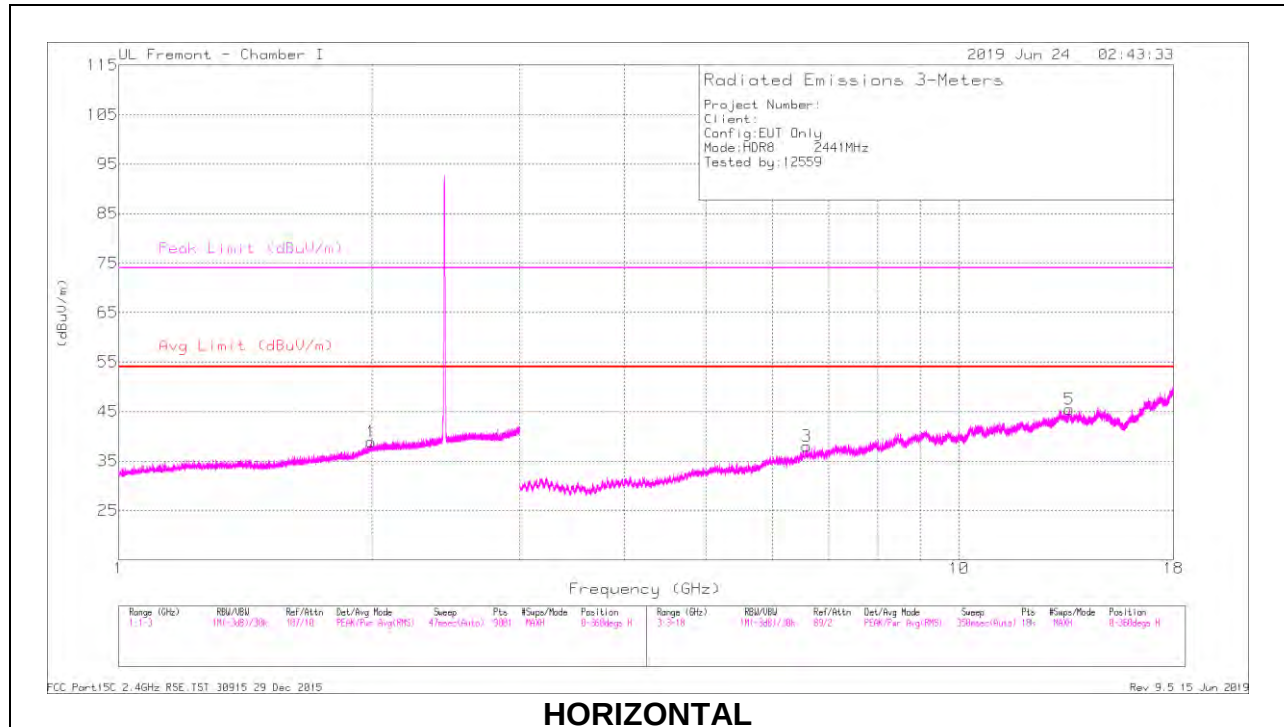
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE019081 0 (dB/m)	Amp/Cbl/FI tri/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.77822	40.59	PK2	26	-22.2	44.39	-	-	-	-	0	100	H
2	1.94757	40.14	PK2	27.2	-22.6	44.74	-	-	-	-	0	100	V
3	10.31423	31.45	PK2	38.4	-19.8	50.05	-	-	-	-	0	100	H
5	14.67487	33.99	PK2	41.2	-21.2	53.99	-	-	-	-	0	100	H
4	10.58612	32.81	PK2	38.7	-20.2	51.31	-	-	-	-	0	100	V
6	*13.30924	32.48	PK2	41.1	-21.4	52.18	-	-	74	-21.82	0	100	V
	*13.30529	23.08	MAv1	41.1	-21.5	42.68	54	-11.32	-	-	0	100	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



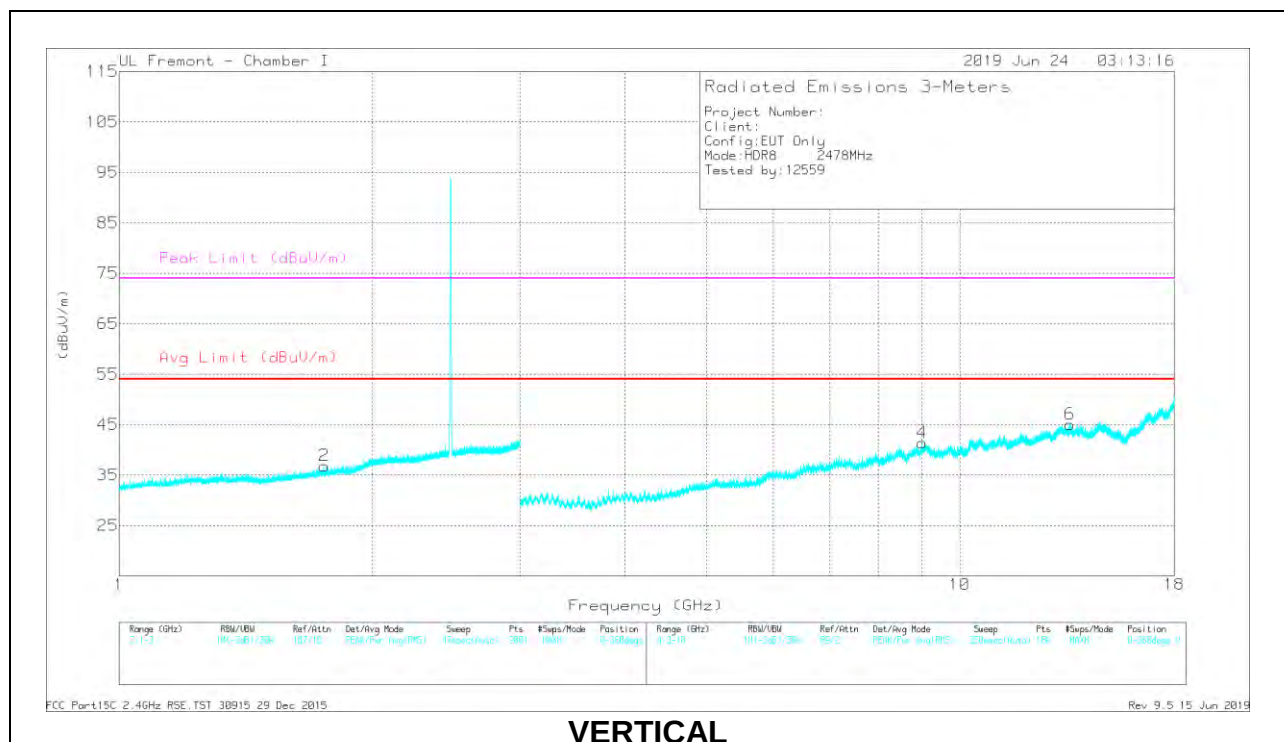
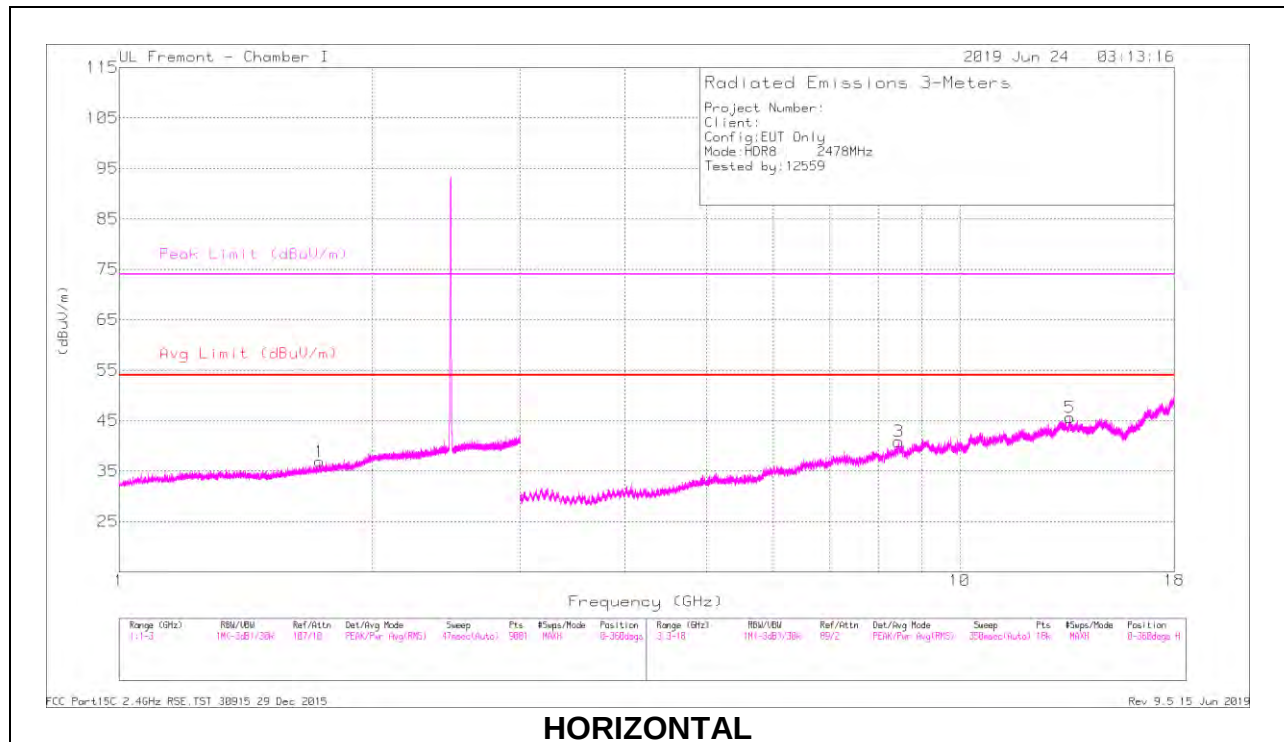
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE019081 0 (dB/m)	Amp/Cbl/FI tr/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	1.99659	40.3	PK2	28.1	-22.6	45.8	-	-	74	-28.2	115	100	H
2	2.06578	40.48	PK2	28.1	-22.5	46.08	-	-	74	-27.92	135	100	V
3	6.58486	34.31	PK2	36.4	-25.8	44.91	-	-	74	-29.09	231	100	H
5	13.52711	33.02	PK2	41	-21.1	52.92	-	-	74	-21.08	75	100	H
4	7.12549	35.59	PK2	36.9	-25.4	47.09	-	-	74	-26.91	145	100	V
6	13.52606	33.43	PK2	41	-21.1	53.33	-	-	74	-20.67	322	100	V

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 PRE019081 0 (dB/m)	Amp/Cbl/FI tr/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	1.73139	40.52	PK2	25.8	-22.3	44.02	-	-	-	-	0	100	H
2	1.75342	40.54	PK2	25.9	-22.3	44.14	-	-	-	-	0	100	V
3	*8.45682	33.74	PK2	37.7	-23.2	48.24	-	-	74	-25.76	0	100	H
	*8.45897	23.5	MAv1	37.7	-23.2	38	54	-16	-	-	0	100	H
5	13.52216	33.18	PK2	41	-21.1	53.08	-	-	-	-	0	100	H
4	*9.02684	33.64	PK2	37.8	-22.7	48.74	-	-	74	-25.26	0	100	V
	*9.02756	23.78	MAv1	37.8	-22.7	38.88	54	-15.12	-	-	0	100	V
6	13.531	33.14	PK2	41	-21.1	53.04	-	-	-	-	0	100	V

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

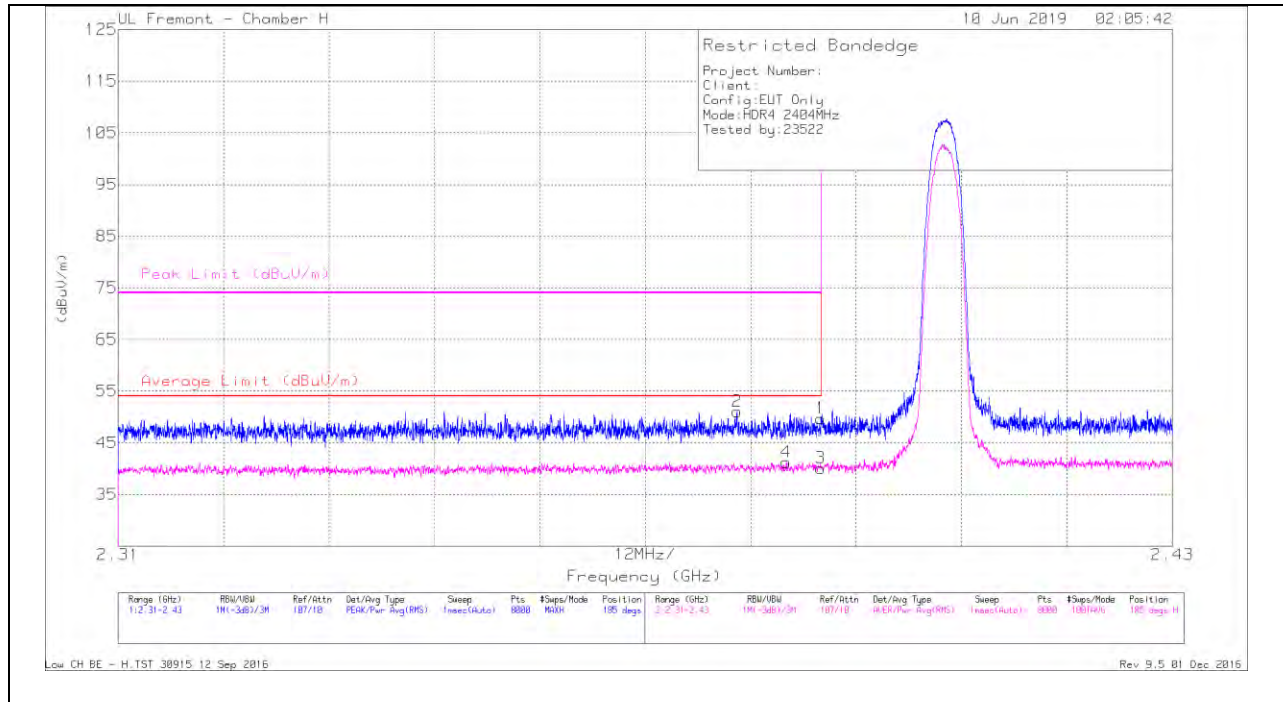
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.5. BEAMFORMING HIGH POWER HDR (HDR4)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT136 (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	41.62	Pk	31.6	-23.5	49.72	-	-	74	-24.28	185	143	H
2	* 2.38	42.99	Pk	31.6	-23.5	51.09	-	-	74	-22.91	185	143	H
3	* 2.39	32.01	RMS	31.6	-23.5	40.11	54	-13.89	-	-	185	143	H
4	* 2.386	33.14	RMS	31.6	-23.5	41.24	54	-12.76	-	-	185	143	H

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

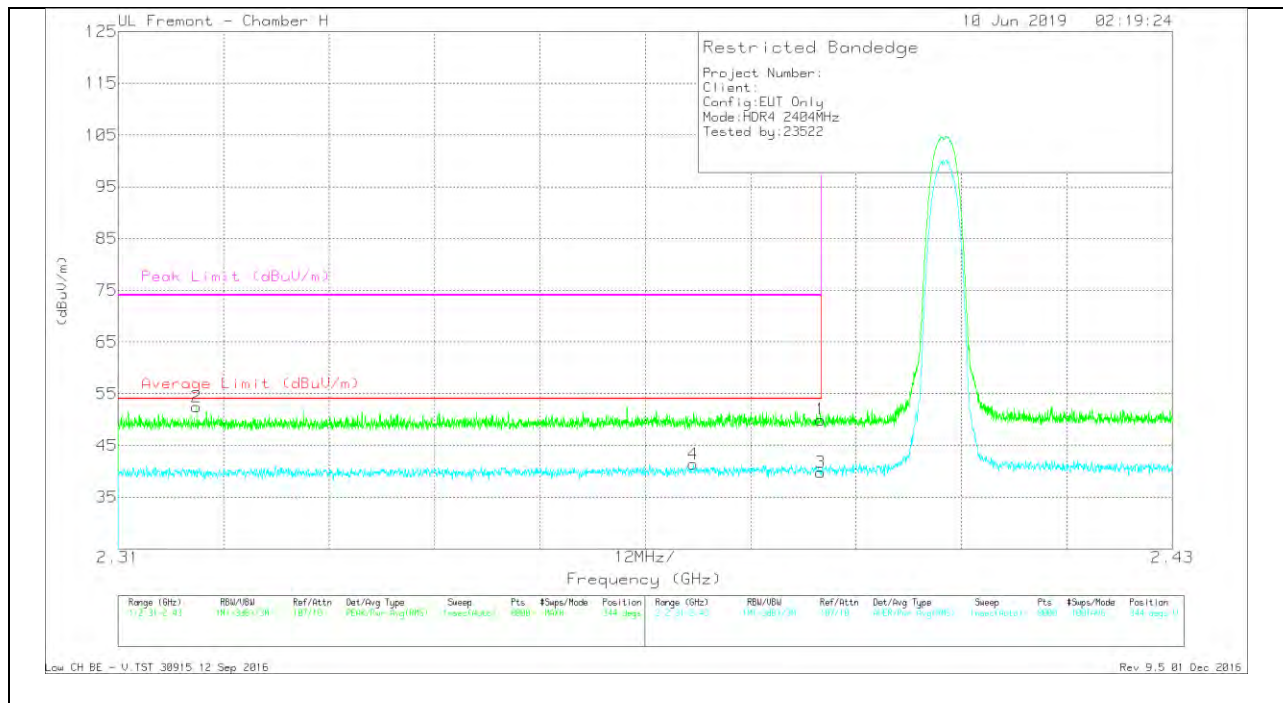
Pk - Peak detector

RMS - RMS detection

Low CH BE - H.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT



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	41.86	Pk	31.6	-23.5	49.96	-	-	74	-24.04	344	352	V
2	* 2.319	44.85	Pk	31.3	-23.7	52.45	-	-	74	-21.55	344	352	V
3	* 2.39	31.7	RMS	31.6	-23.5	39.8	54	-14.2	-	-	344	352	V
4	* 2.375	33.28	RMS	31.6	-23.5	41.38	54	-12.62	-	-	344	352	V

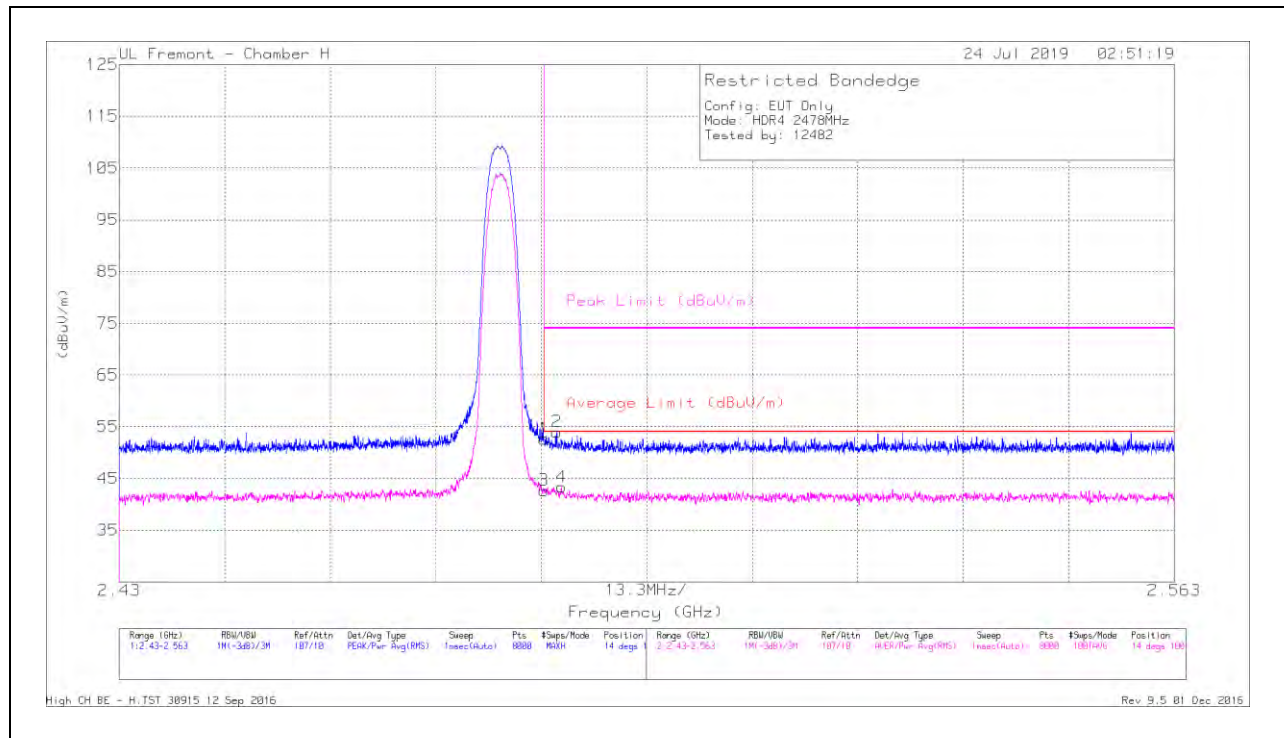
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

Low CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

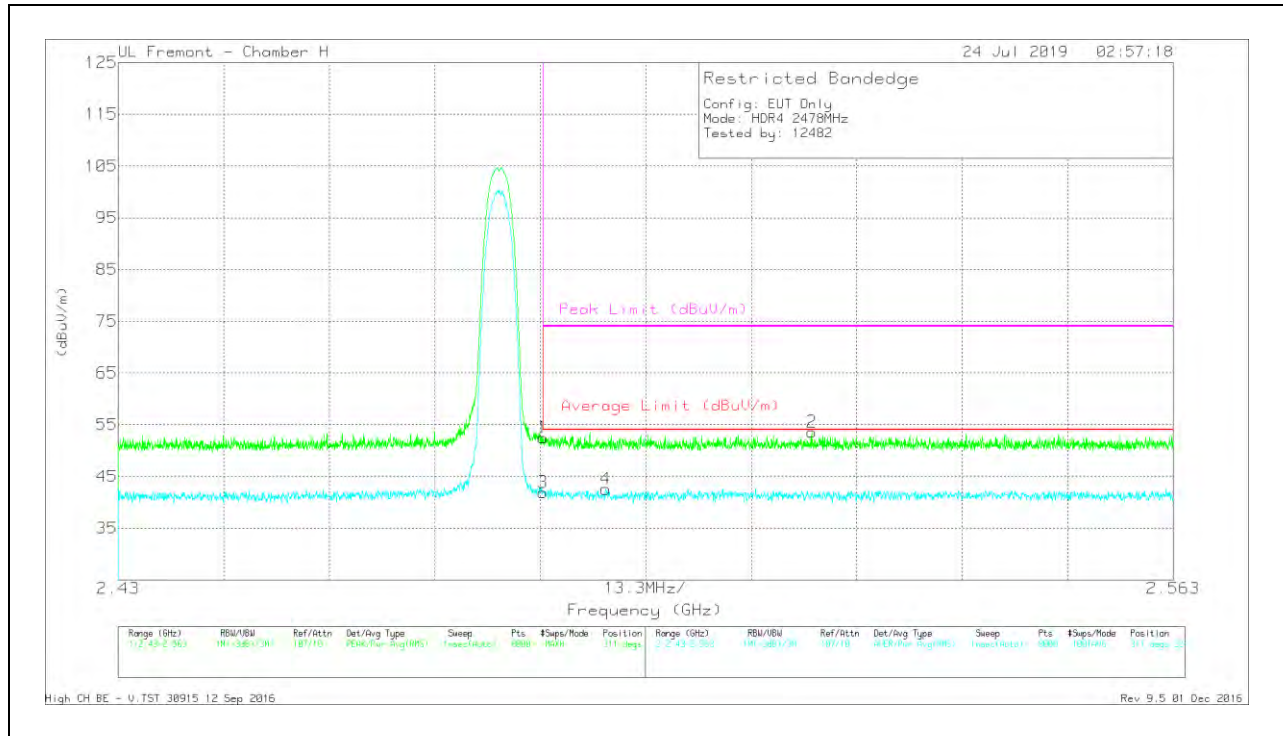
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.46	Pk	32.5	-23.3	52.66	-	-	74	-21.34	14	100	H
2	* 2.485	44.79	Pk	32.5	-23.3	53.99	-	-	74	-20.01	14	100	H
3	* 2.484	33.46	RMS	32.5	-23.3	42.66	54	-11.34	-	-	14	100	H
4	* 2.486	34.11	RMS	32.5	-23.3	43.31	54	-10.69	-	-	14	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

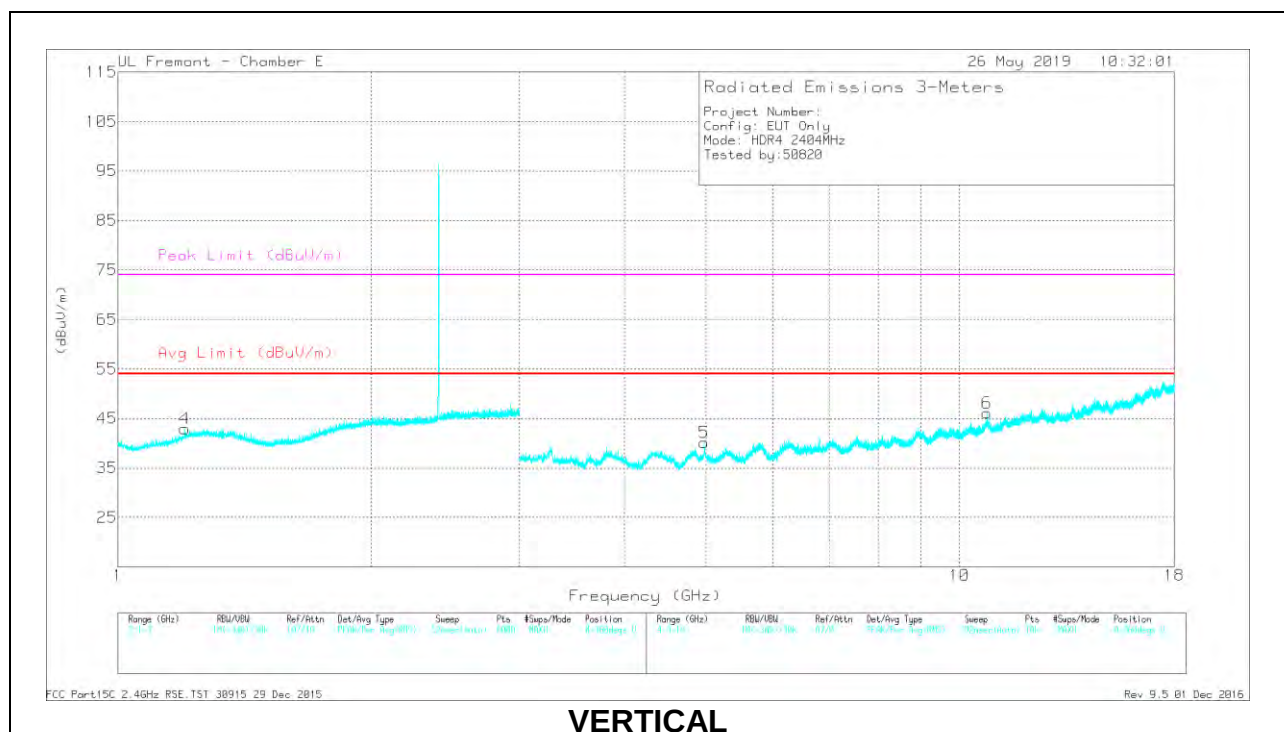
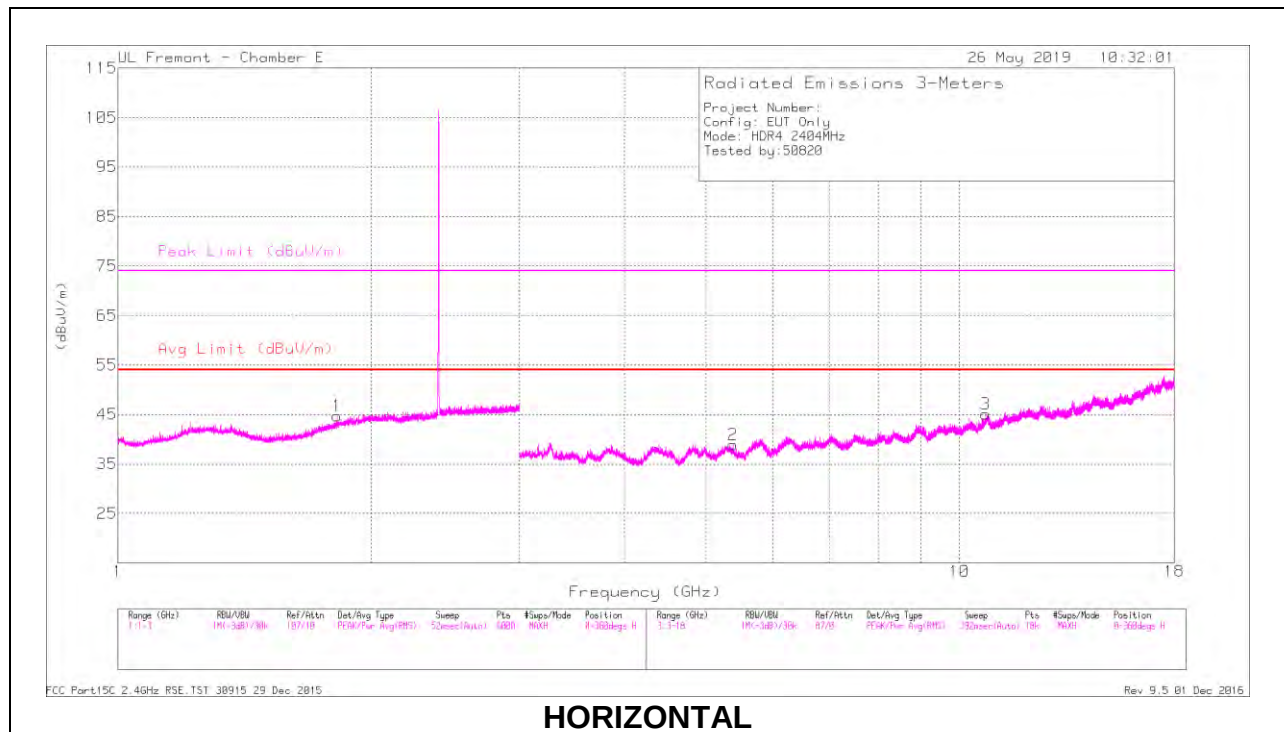


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.29	Pk	32.5	-23.3	52.49	-	-	74	-21.51	311	324	V
3	* 2.484	32.7	RMS	32.5	-23.3	41.9	54	-12.1	-	-	311	324	V
4	* 2.491	33.37	RMS	32.5	-23.3	42.57	54	-11.43	-	-	311	324	V
2	2.517	44.17	Pk	32.6	-23.2	53.57	-	-	74	-20.43	311	324	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

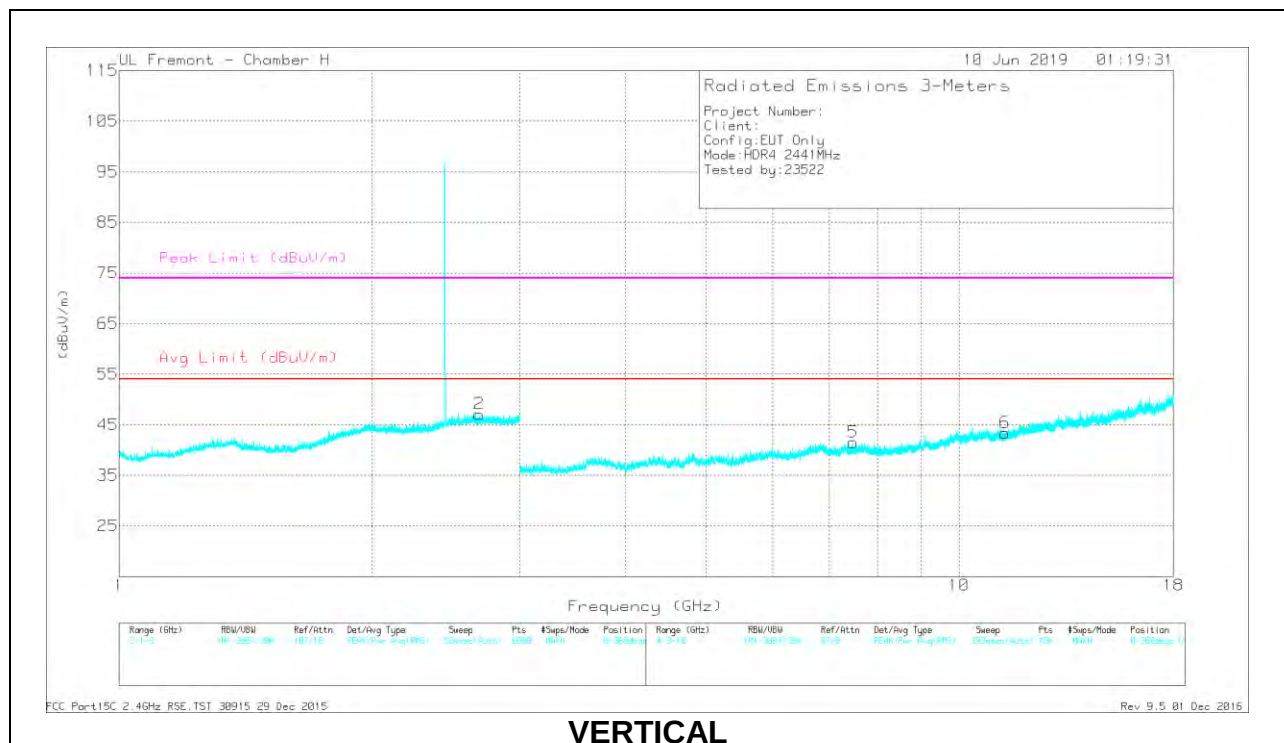
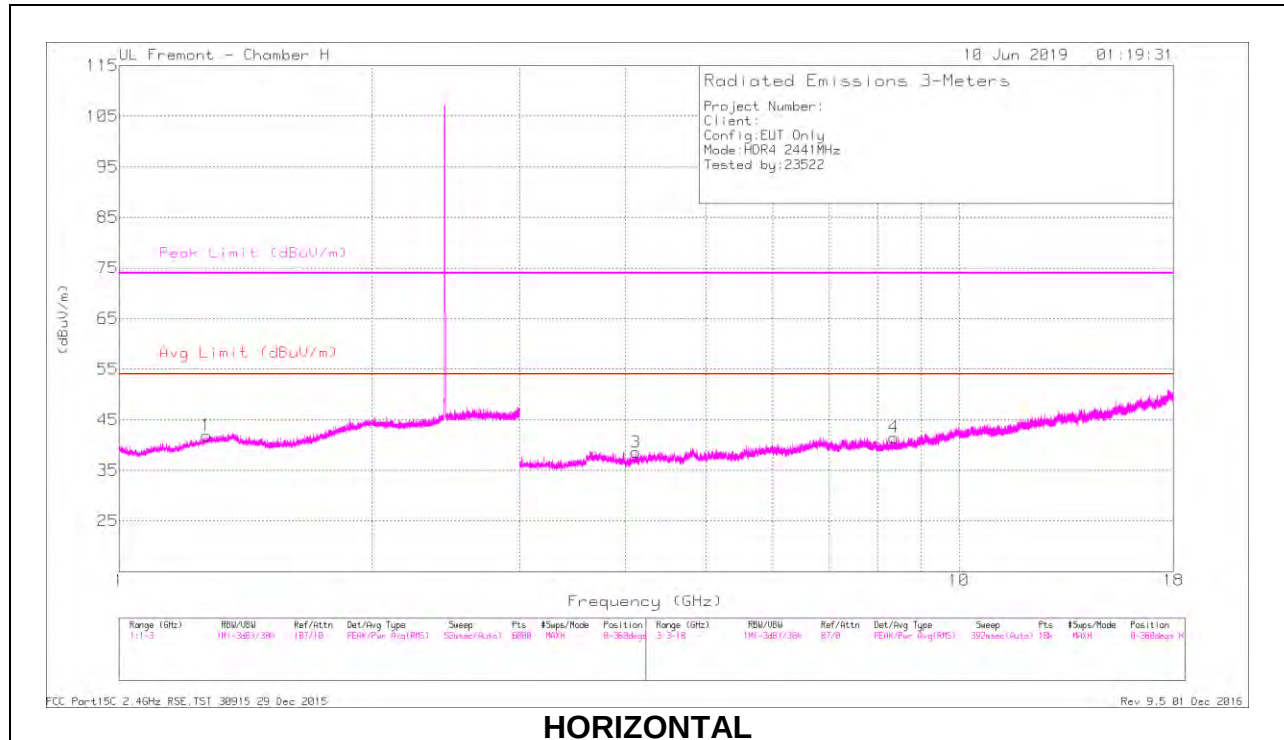
Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.199	46.66	PK2	29.5	-26.1	50.06	-	-	74	-23.94	34	199	V
	* 1.199	33.79	MAv1	29.5	-26.1	37.19	54	-16.81	-	-	34	199	V
2	* 5.383	41.21	PK2	34.5	-30.5	45.21	-	-	74	-28.79	359	203	H
	* 5.383	29.46	MAv1	34.5	-30.5	33.46	54	-20.54	-	-	359	203	H
3	* 10.748	36.95	PK2	37.9	-23.7	51.15	-	-	74	-22.85	149	228	H
	* 10.748	25.59	MAv1	37.9	-23.7	39.79	54	-14.21	-	-	149	228	H
5	* 4.971	42.73	PK2	34.1	-30.2	46.63	-	-	74	-27.37	347	144	V
	* 4.973	30.44	MAv1	34.1	-30.3	34.24	54	-19.76	-	-	347	144	V
6	* 10.784	37.18	PK2	37.9	-23	52.08	-	-	74	-21.92	27	105	V
	* 10.784	25.4	MAv1	37.9	-23	40.3	54	-13.7	-	-	27	105	V
1	1.819	34.19	MAv1	30.8	-26.3	38.69	-	-	-	-	141	305	H
	1.82	46.07	PK2	30.8	-26.3	50.57	-	-	-	-	141	305	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 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	* 1.271	46.1	PK2	29	-25.5	49.6	-	-	74	-24.4	39	135	H
	* 1.271	33.75	MAv1	29	-25.5	37.25	54	-16.75	-	-	39	135	H
2	* 2.682	43.98	PK2	32.5	-23.2	53.28	-	-	74	-20.72	97	183	V
	* 2.683	32.6	MAv1	32.5	-23.2	41.9	54	-12.1	-	-	97	183	V
3	* 4.122	41.97	PK2	33.2	-30.9	44.27	-	-	74	-29.73	142	214	H
	* 4.121	30.92	MAv1	33.2	-30.9	33.22	54	-20.78	-	-	142	214	H
4	* 8.36	37.76	PK2	35.8	-25.8	47.76	-	-	74	-26.24	174	262	H
	* 8.36	26.32	MAv1	35.8	-25.8	36.32	54	-17.68	-	-	174	262	H
5	* 7.477	38.17	PK2	36.6	-27.4	47.37	-	-	74	-26.63	261	328	V
	* 7.478	27.3	MAv1	36.5	-27.5	36.3	54	-17.7	-	-	261	328	V
6	* 11.344	36.24	PK2	38.1	-23.5	50.84	-	-	74	-23.16	348	377	V
	* 11.344	24.82	MAv1	38.1	-23.5	39.42	54	-14.58	-	-	348	377	V

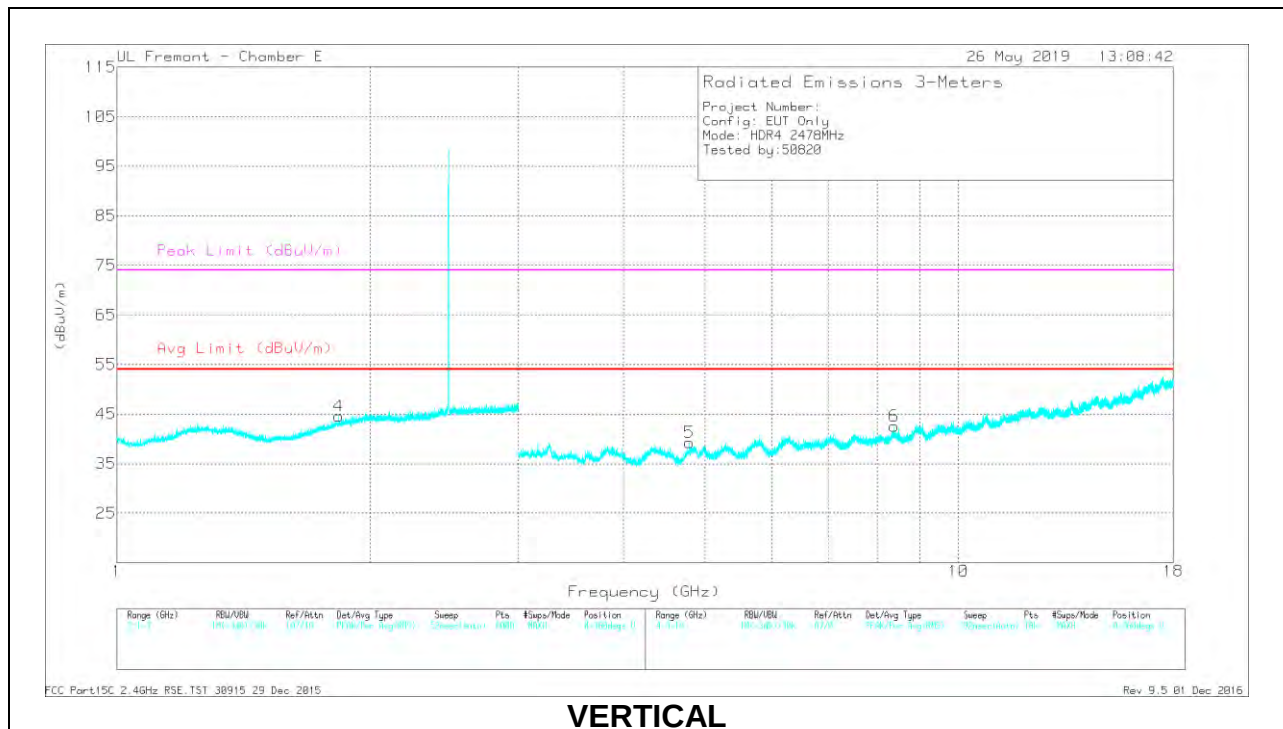
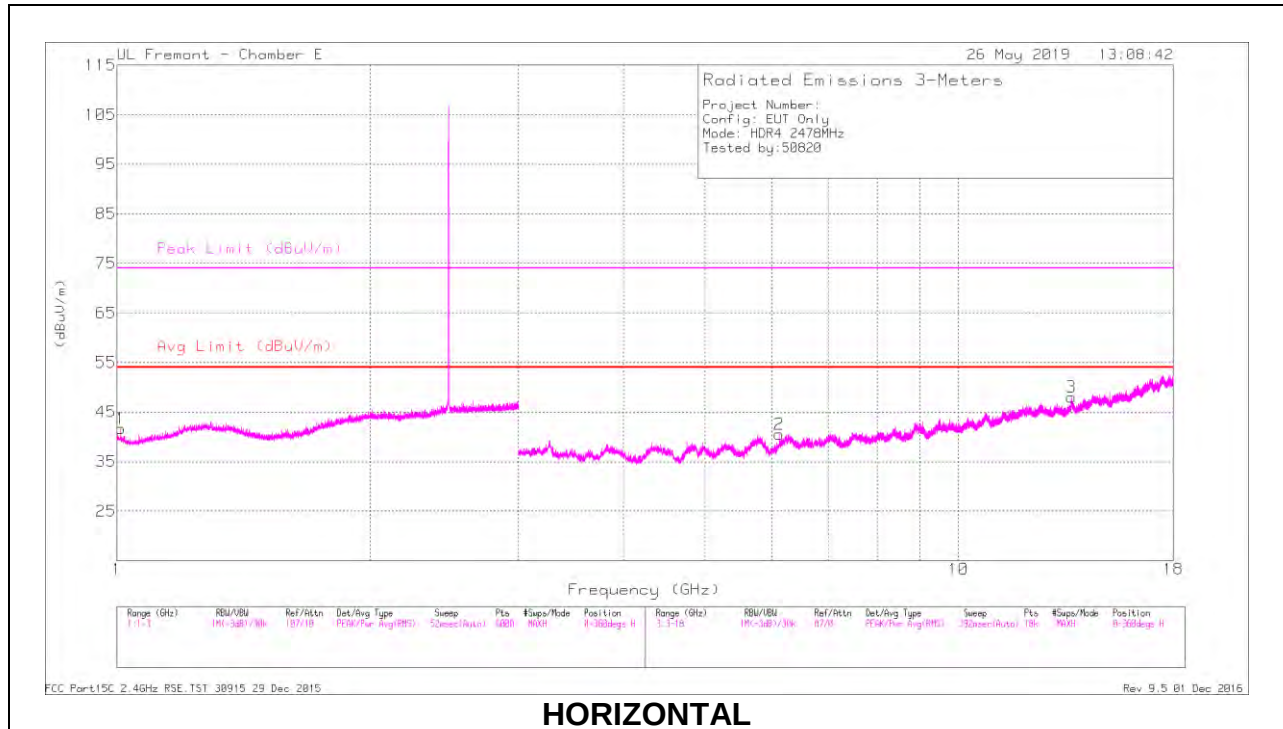
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.011	45.18	PK2	27.8	-25.7	47.28	-	-	74	-26.72	251	309	H
	* 1.01	33.33	MAv1	27.8	-25.7	35.43	54	-18.57	-	-	251	309	H
5	* 4.792	42.01	PK2	34	-30.7	45.31	-	-	74	-28.69	129	106	V
	* 4.79	30.09	MAv1	34	-30.8	33.29	54	-20.71	-	-	129	106	V
6	* 8.383	38.26	PK2	35.8	-25.6	48.46	-	-	74	-25.54	351	182	V
	* 8.384	26.69	MAv1	35.8	-25.6	36.89	54	-17.11	-	-	351	182	V
4	1.834	45.96	PK2	31	-26.3	50.66	-	-	74	-23.34	230	234	V
	1.835	34.16	MAv1	31	-26.3	38.86	54	-15.14	-	-	230	234	V
2	6.12	39.92	PK2	35.3	-29.6	45.62	-	-	74	-28.38	280	230	H
	6.12	28.4	MAv1	35.3	-29.6	34.1	54	-19.9	-	-	280	230	H
3	13.61	36.6	PK2	38.6	-20.6	54.6	-	-	74	-19.4	131	243	H
	13.611	24.75	MAv1	38.6	-20.6	42.75	54	-13.25	-	-	131	243	H

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

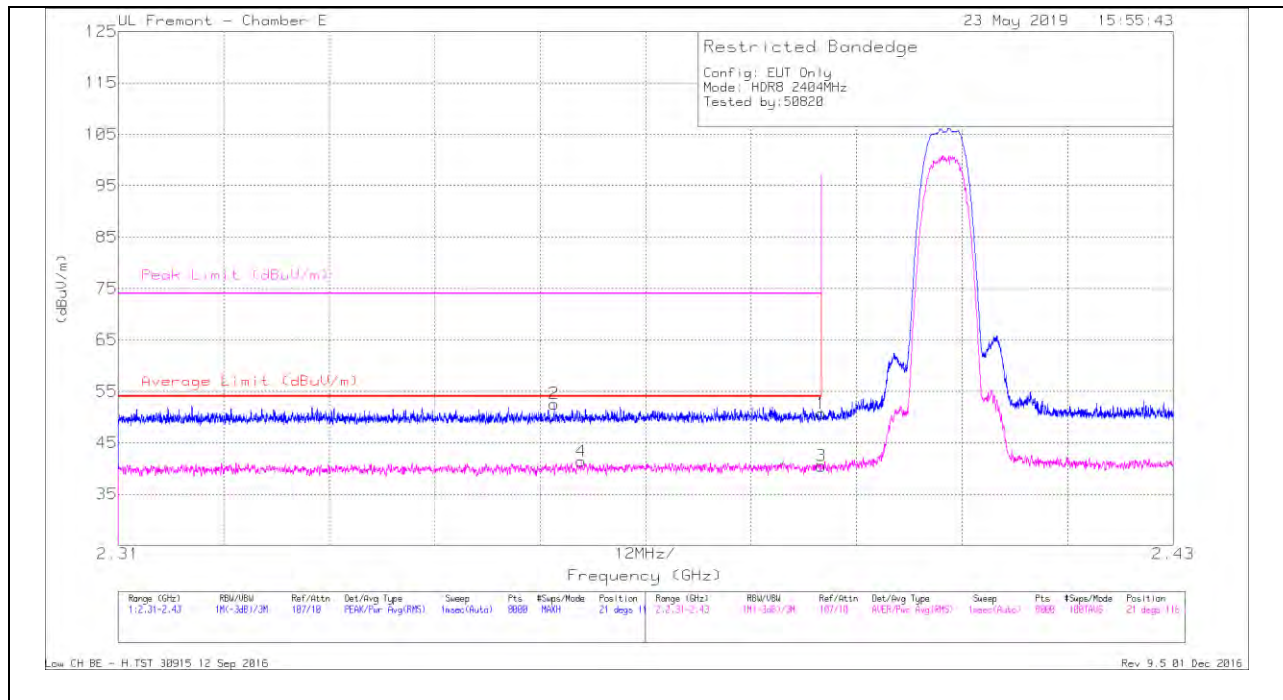
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.6. BEAMFORMING HIGH POWER HDR (HDR8)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



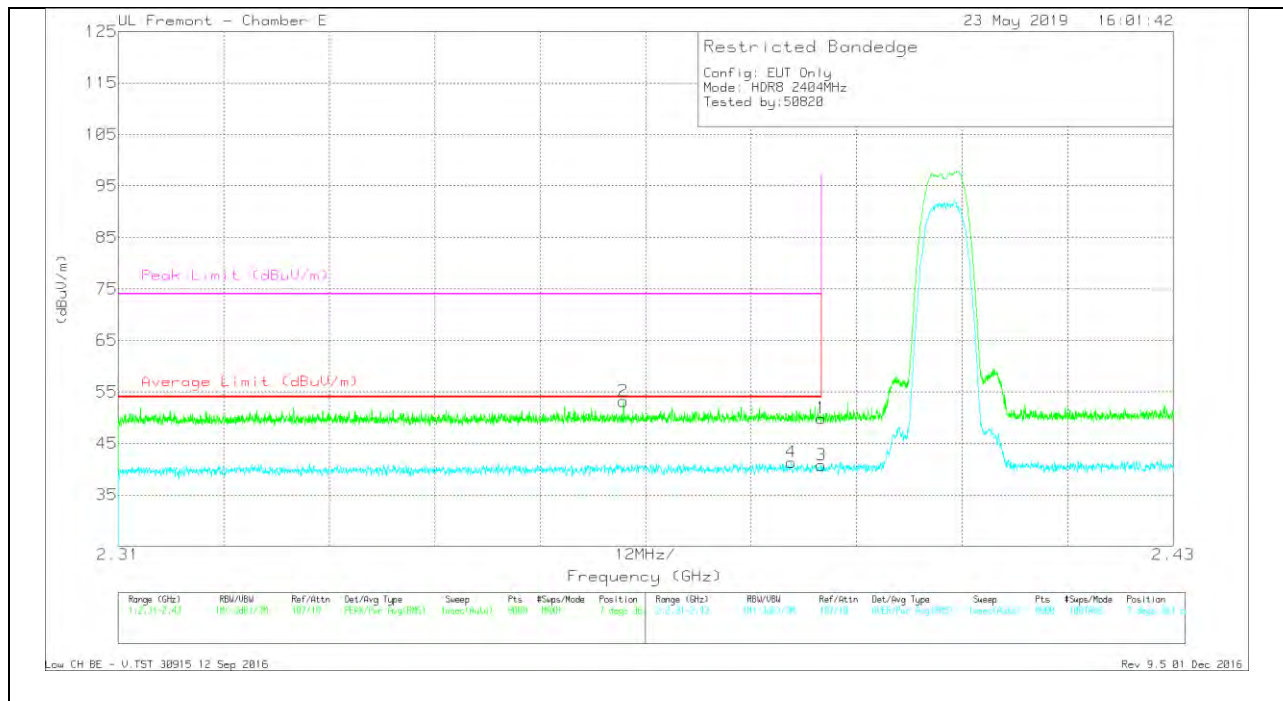
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/FiltrlP ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.58	Pk	32.3	-26.2	50.68	-	-	74	-23.32	21	116	H
2	* 2.36	46.78	Pk	32.1	-26.3	52.58	-	-	74	-21.42	21	116	H
3	* 2.39	34.4	RMS	32.3	-26.2	40.5	54	-13.5	-	-	21	116	H
4	* 2.363	35.61	RMS	32.1	-26.3	41.41	54	-12.59	-	-	21	116	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

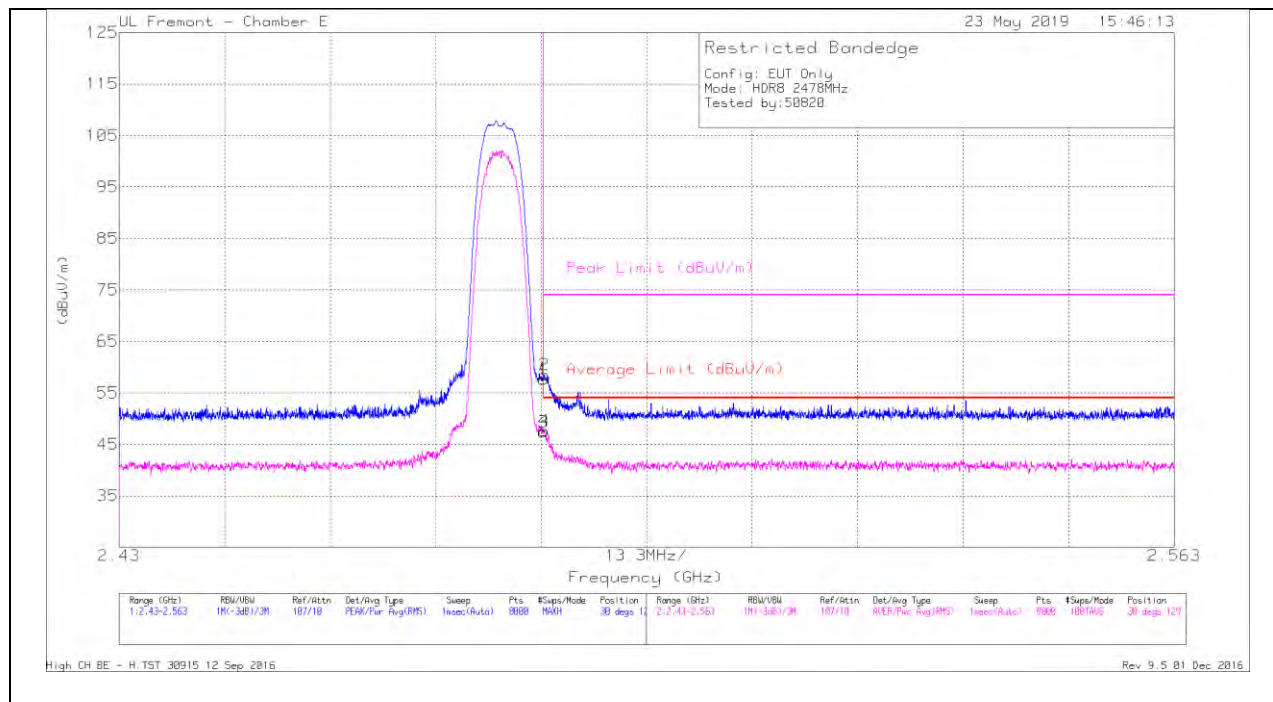


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cbl/FiltriP ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.77	Pk	32.3	-26.2	49.87	-	-	74	-24.13	7	363	V
2	* 2.367	47.41	Pk	32.1	-26.3	53.21	-	-	74	-20.79	7	363	V
3	* 2.39	34.66	RMS	32.3	-26.2	40.76	54	-13.24	-	-	7	363	V
4	* 2.387	35.35	RMS	32.3	-26.3	41.35	54	-12.65	-	-	7	363	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/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	51.17	Pk	32.8	-26.3	57.67	-	-	74	-16.33	30	129	H
2	* 2.484	52.01	Pk	32.8	-26.3	58.51	-	-	74	-15.49	30	129	H
3	* 2.484	40.89	RMS	32.8	-26.3	47.39	54	-6.61	-	-	30	129	H
4	* 2.484	41.13	RMS	32.8	-26.3	47.63	54	-6.37	-	-	30	129	H

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

Pk - Peak detector

RMS - RMS detection

UL Fremont - Chamber E

23 May 2019 15:48:01

Restricted Bandedge

Config: EUT Only
Mode: HDR8 2478MHz
Tested by: 58820

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

13.3MHz/

Frequency (GHz)

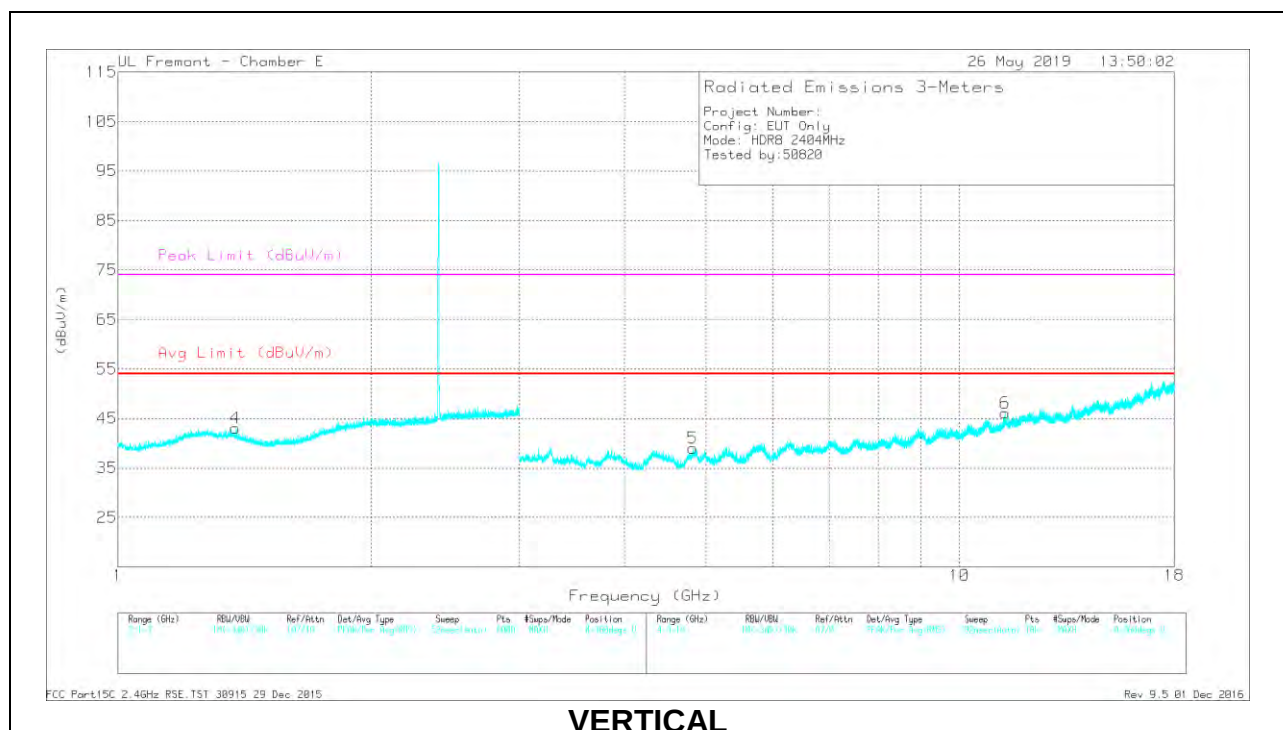
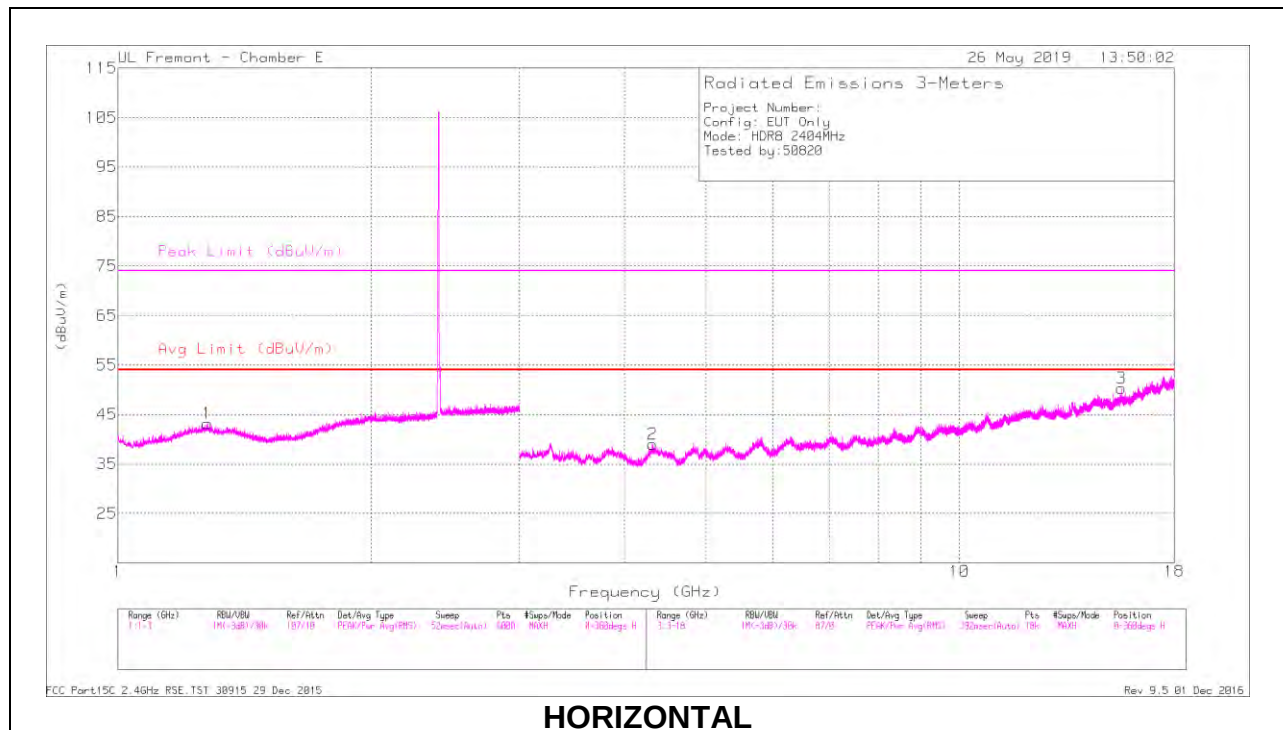
Range (GHz)	RBW/VBW	Ref/Attn	Det/Avg Type	Sweep	Pts	#Sups/Mode	Position	Range (GHz)	RBW/VBW	Ref/Attn	Det/Avg Type	Sweep	Pts	#Sups/Mode	Position
1.2-4.2.563	100/300/30	107/10	Peak/Avg	Hz/1000	9000	1000	945 deg	2.43-2.563	100/300/30	107/10	Peak/Avg	Hz/1000	9000	1000	945 deg

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Rev 9.5 81 Dec 2016

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Ctrl/Trf/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	49.94	Pk	32.8	-26.3	56.44	-	-	74	-17.56	345	312	V
2	* 2.484	50.44	Pk	32.8	-26.3	56.94	-	-	74	-17.06	345	312	V
3	* 2.484	37.89	RMS	32.8	-26.3	44.39	54	-9.61	-	-	345	312	V
4	* 2.484	38.91	RMS	32.8	-26.3	45.41	54	-8.59	-	-	345	312	V

Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL RESULTS**

RADIATED EMISSIONS

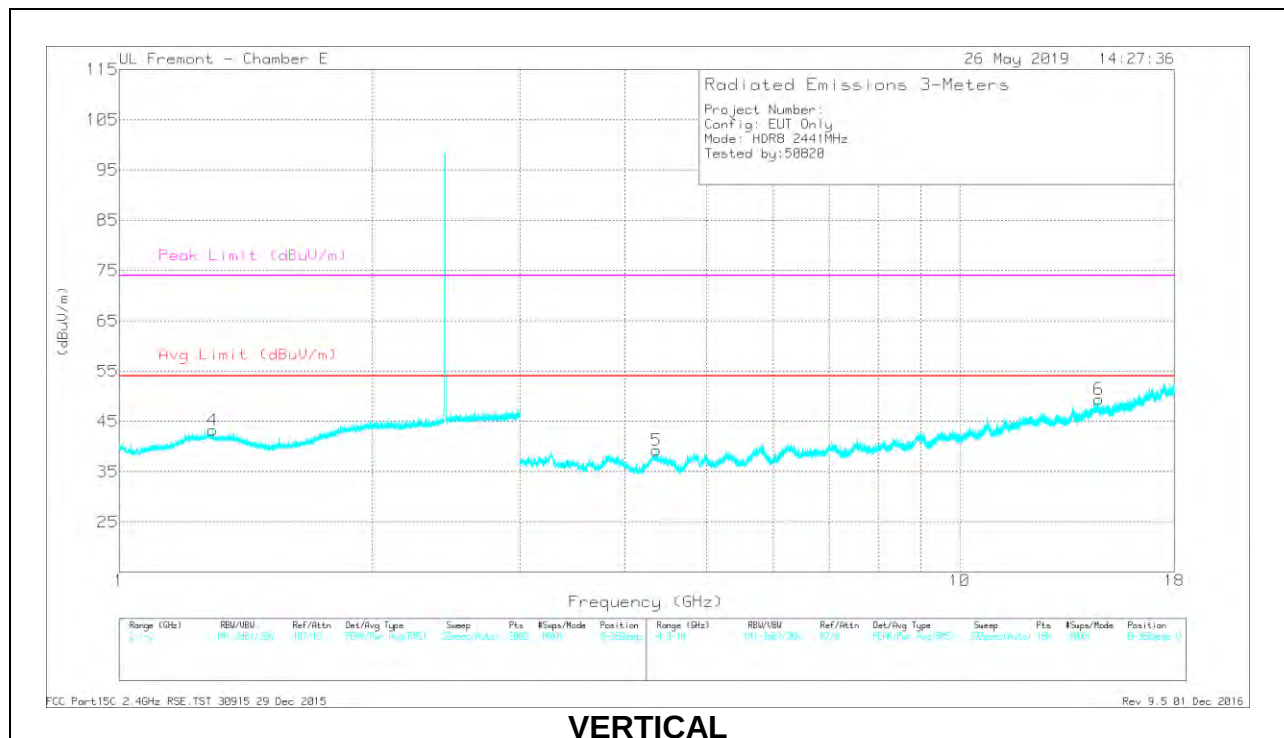
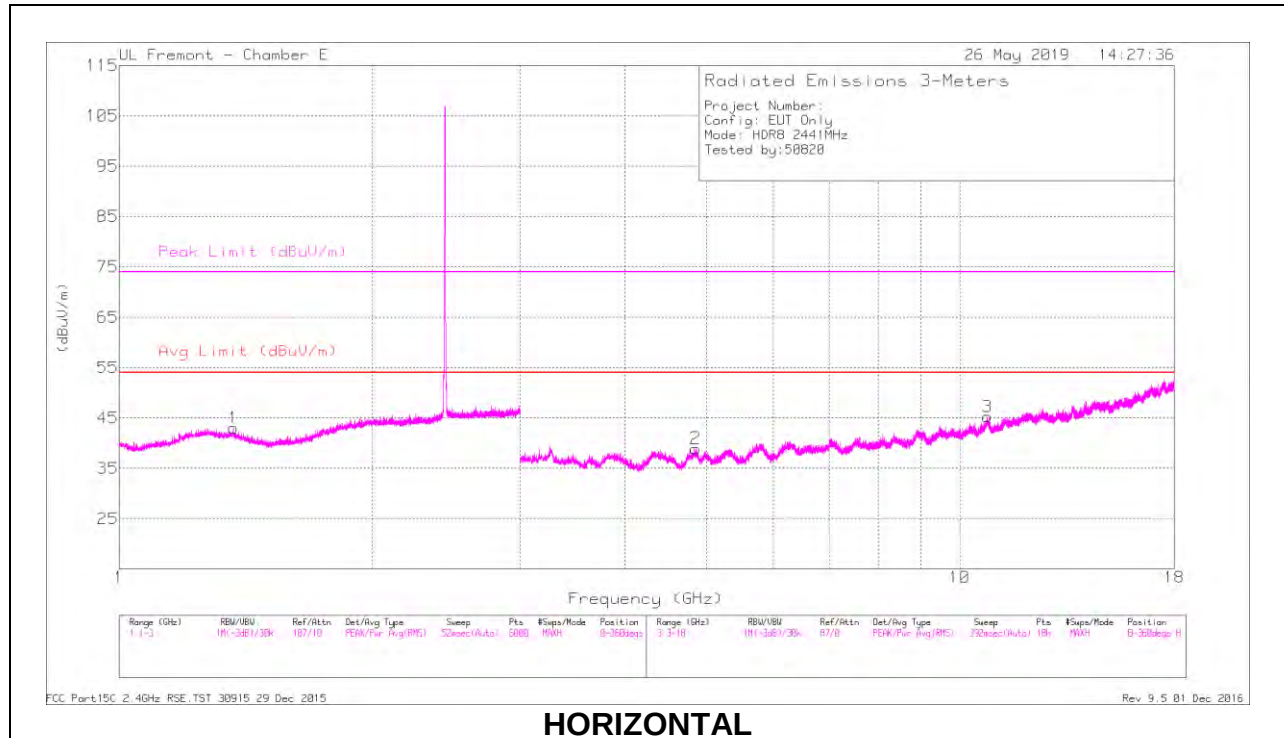
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.277	45.71	PK2	30.2	-26.2	49.71	-	-	74	-24.29	50	400	H
	* 1.279	33.9	MAv1	30.2	-26.2	37.9	54	-16.1	-	-	50	400	H
4	* 1.377	45.79	PK2	29.5	-26.2	49.09	-	-	74	-24.91	51	321	V
	* 1.377	33.95	MAv1	29.5	-26.2	37.25	54	-16.75	-	-	51	321	V
2	* 4.323	42.14	PK2	33.6	-30.1	45.64	-	-	74	-28.36	321	146	H
	* 4.324	30.57	MAv1	33.6	-30.1	34.07	54	-19.93	-	-	321	146	H
3	* 15.577	35.64	PK2	40.3	-20.1	55.84	-	-	74	-18.16	10	265	H
	* 15.576	23.98	MAv1	40.3	-20.1	44.18	54	-9.82	-	-	10	265	H
5	* 4.818	41.76	PK2	34.1	-30.1	45.76	-	-	74	-28.24	199	150	V
	* 4.818	30.02	MAv1	34.1	-30.1	34.02	54	-19.98	-	-	199	150	V
6	* 11.33	35.87	PK2	38.1	-22.2	51.77	-	-	74	-22.23	147	142	V
	* 11.332	24.43	MAv1	38.2	-22.2	40.43	54	-13.57	-	-	147	142	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

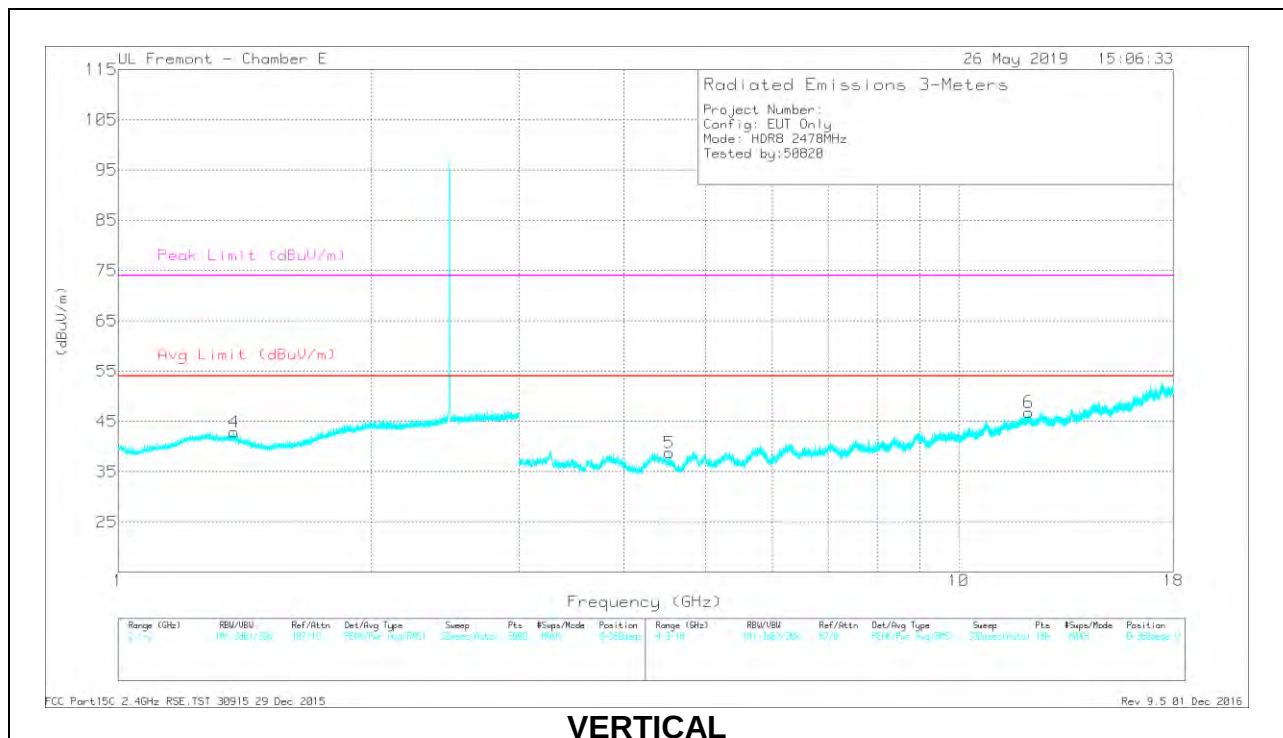
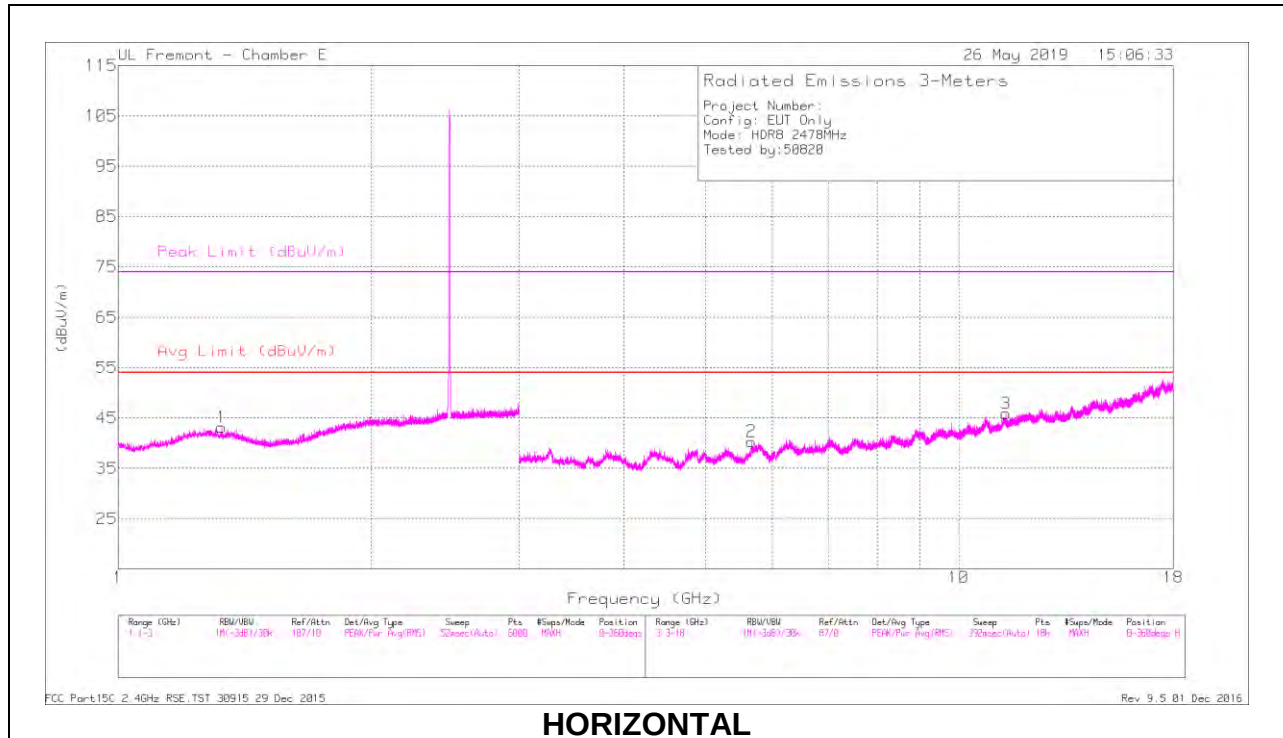
Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.368	45.96	PK2	29.8	-26.2	49.56	-	-	74	-24.44	27	327	H
	* 1.367	34	MAv1	29.8	-26.2	37.6	54	-16.4	-	-	27	327	H
4	* 1.291	45.94	PK2	30	-26.1	49.84	-	-	74	-24.16	221	343	V
	* 1.291	33.91	MAv1	30	-26.1	37.81	54	-16.19	-	-	221	343	V
2	* 4.851	41.31	PK2	34.1	-30	45.41	-	-	74	-28.59	53	344	H
	* 4.854	29.84	MAv1	34.1	-29.9	34.04	54	-19.96	-	-	53	344	H
3	* 10.79	37.27	PK2	37.9	-22.9	52.27	-	-	74	-21.73	248	140	H
	* 10.79	25.45	MAv1	37.9	-22.9	40.45	54	-13.55	-	-	248	140	H
5	* 4.358	42.35	PK2	33.7	-29.5	46.55	-	-	74	-27.45	7	160	V
	* 4.357	29.98	MAv1	33.7	-29.6	34.08	54	-19.92	-	-	7	160	V
6	14.629	36.09	PK2	40	-20.4	55.69	-	-	-	-	237	183	V
	14.629	24.01	MAv1	40	-20.4	43.61	-	-	-	-	237	183	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

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.327	45.8	PK2	29.5	-26.2	49.1	-	-	74	-24.9	173	144	H
	* 1.326	33.97	MAv1	29.6	-26.2	37.37	54	-16.63	-	-	173	144	H
4	* 1.374	46.14	PK2	29.5	-26.2	49.44	-	-	74	-24.56	234	159	V
	* 1.374	33.91	MAv1	29.5	-26.2	37.21	54	-16.79	-	-	234	159	V
3	* 11.394	36.24	PK2	38.2	-22.9	51.54	-	-	74	-22.46	332	351	H
	* 11.393	24.65	MAv1	38.2	-22.9	39.95	54	-14.05	-	-	332	351	H
5	* 4.525	42.25	PK2	34	-31.3	44.95	-	-	74	-29.05	78	269	V
	* 4.525	30.67	MAv1	34	-31.3	33.37	54	-20.63	-	-	78	269	V
6	* 12.113	35.56	PK2	39	-21.7	52.86	-	-	74	-21.14	38	396	V
	* 12.113	24	MAv1	39	-21.7	41.3	54	-12.7	-	-	38	396	V
2	5.667	41.14	PK2	34.8	-29.9	46.04	-	-	-	-	42	222	H
	5.669	29.55	MAv1	34.8	-29.7	34.65	-	-	-	-	42	222	H

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

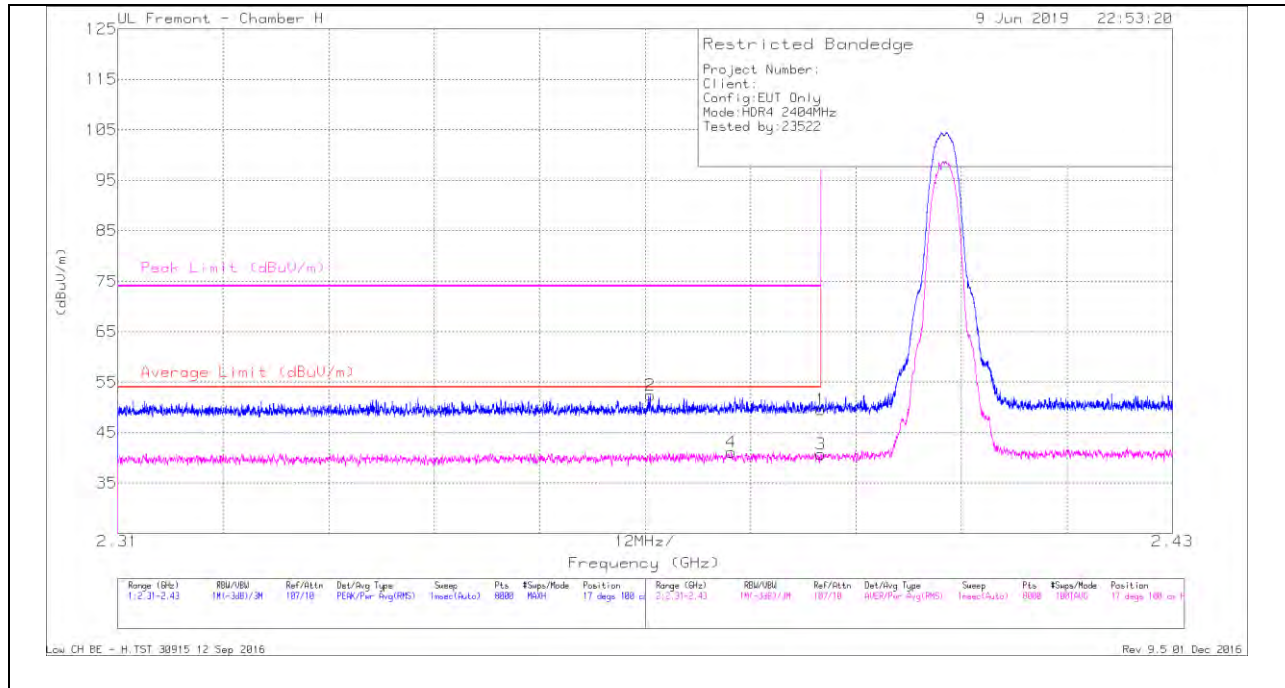
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.7. BEAMFORMING LOW POWER HDR (HDR4)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



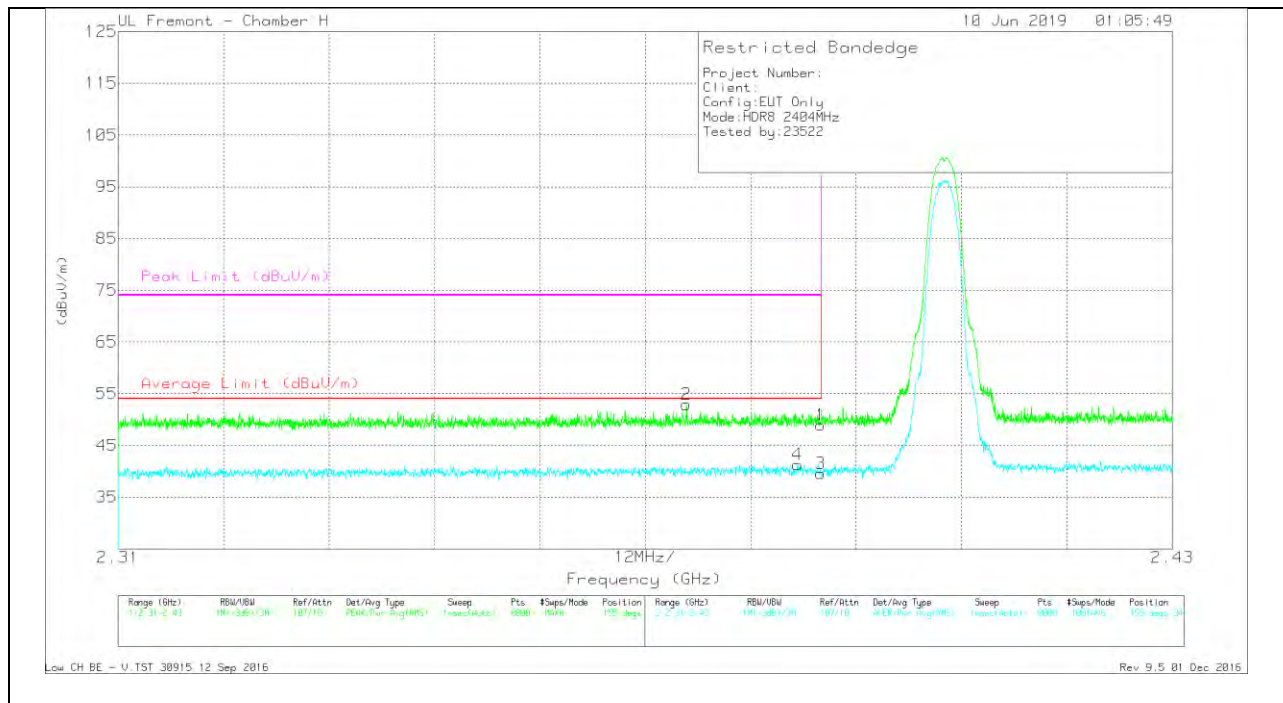
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarit y
1	* 2.39	41.49	Pk	31.6	-23.5	49.59	-	-	74	-24.41	17	100	H
2	* 2.371	44.42	Pk	31.5	-23.5	52.42	-	-	74	-21.58	17	100	H
3	* 2.39	32.66	RMS	31.6	-23.5	40.76	54	-13.24	-	-	17	100	H
4	* 2.38	33.03	RMS	31.6	-23.5	41.13	54	-12.87	-	-	17	100	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/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	40.82	Pk	31.6	-23.5	48.92	-	-	74	-25.08	155	344	V
2	* 2.375	44.82	Pk	31.6	-23.5	52.92	-	-	74	-21.08	155	344	V
3	* 2.39	31.46	RMS	31.6	-23.5	39.56	54	-14.44	-	-	155	344	V
4	* 2.387	33.2	RMS	31.6	-23.5	41.3	54	-12.7	-	-	155	344	V

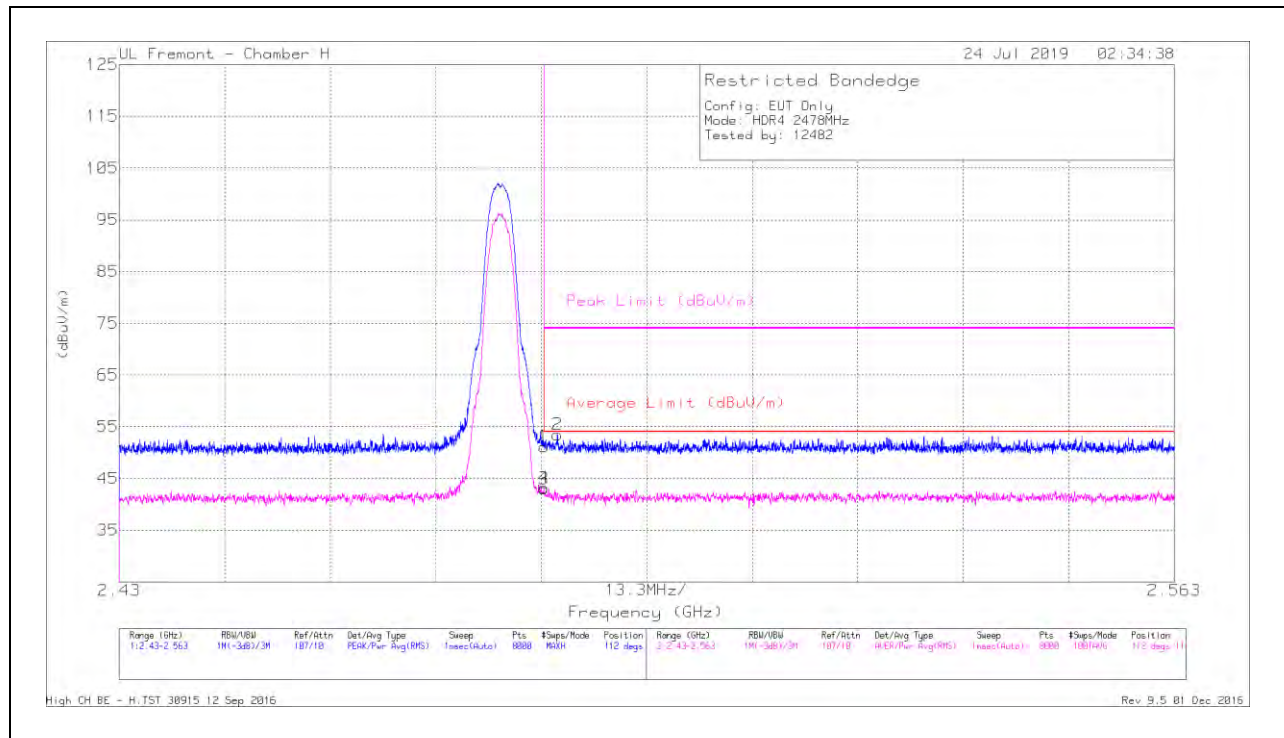
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

Low CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

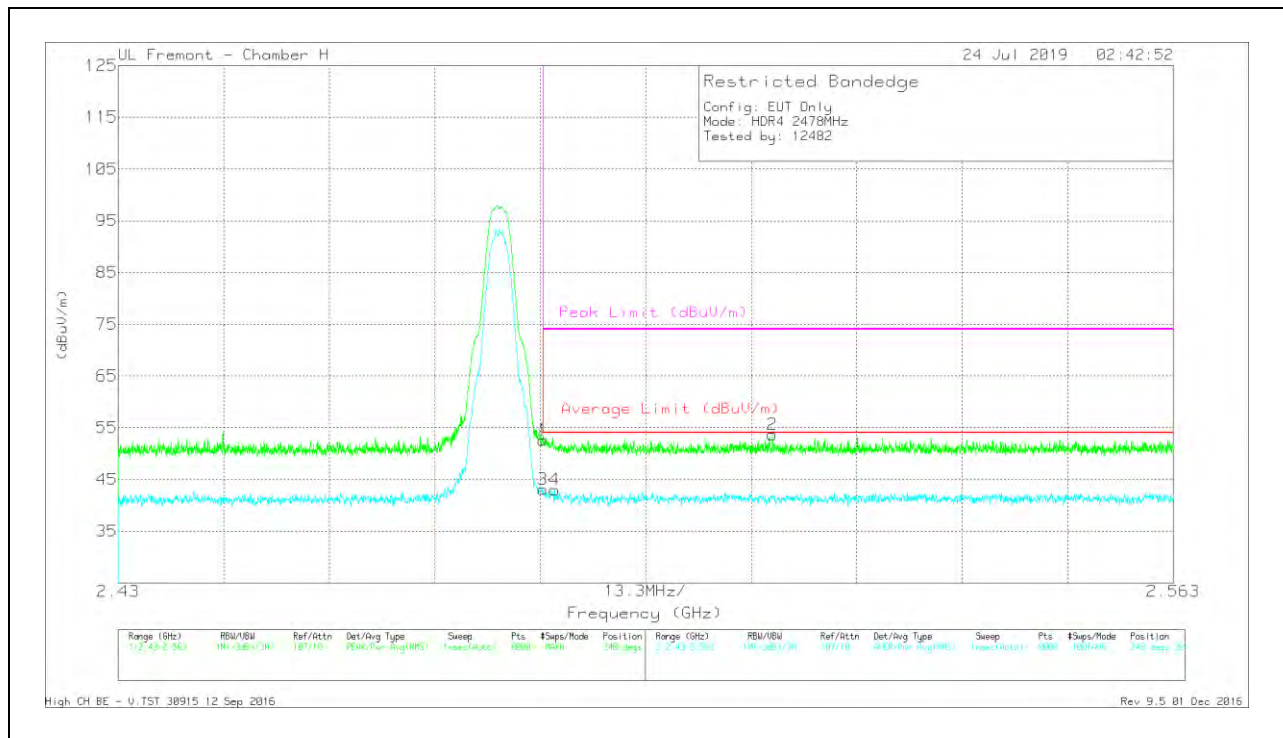
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.97	Pk	32.5	-23.3	51.17	-	-	74	-22.83	112	114	H
2	* 2.485	44.29	Pk	32.5	-23.3	53.49	-	-	74	-20.51	112	114	H
3	* 2.484	33.79	RMS	32.5	-23.3	42.99	54	-11.01	-	-	112	114	H
4	* 2.484	34.01	RMS	32.5	-23.3	43.21	54	-10.79	-	-	112	114	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

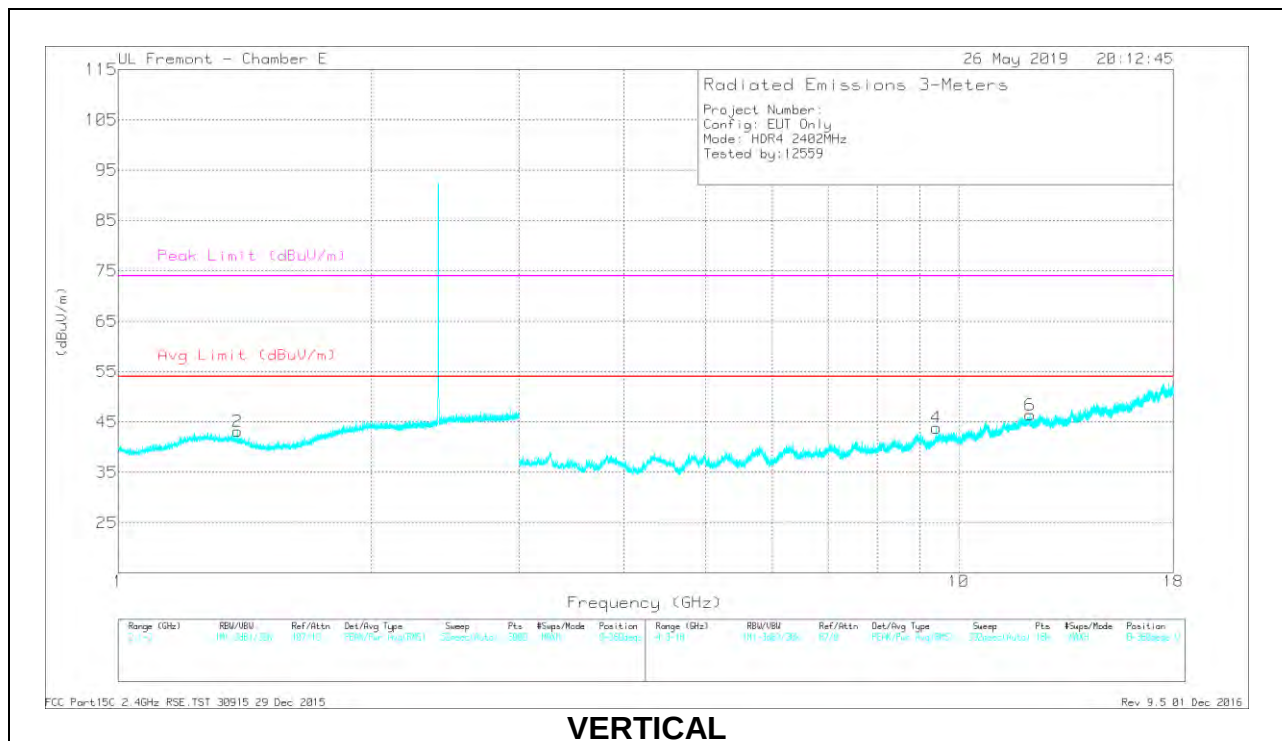
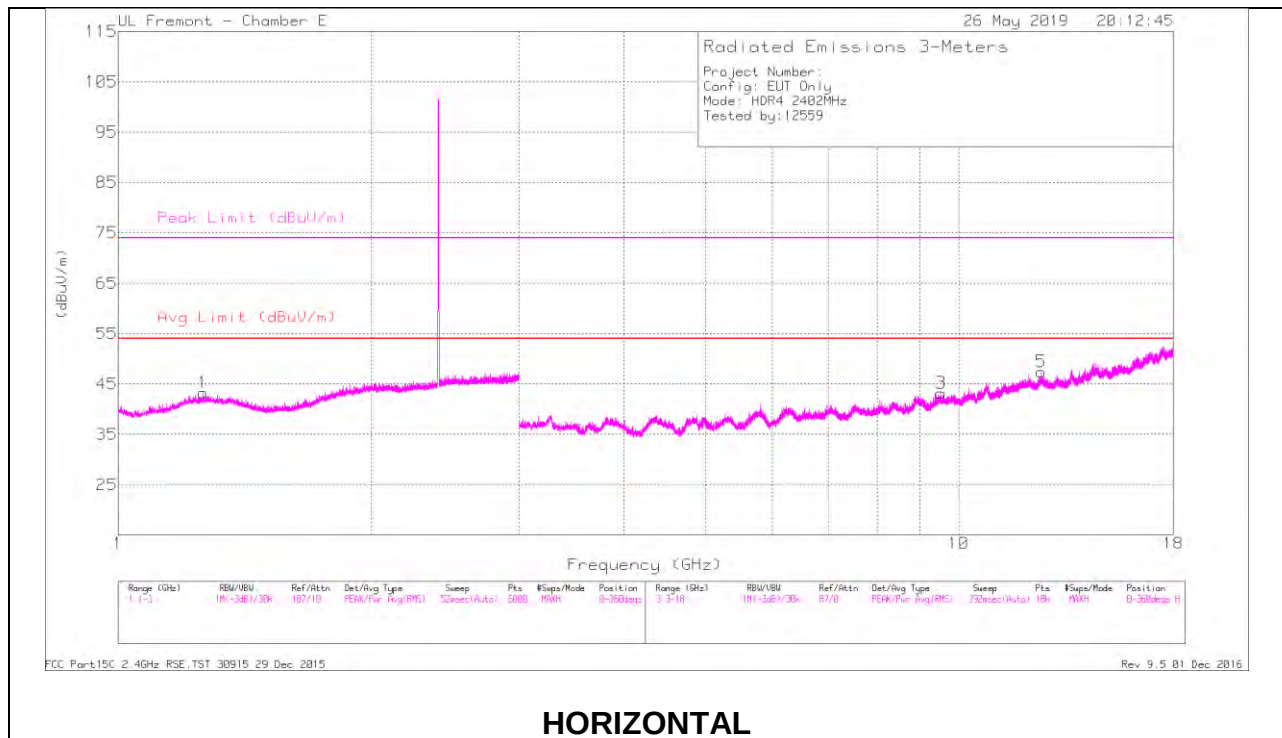


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.39	Pk	32.5	-23.3	52.59	-	-	74	-21.41	248	369	V
3	* 2.484	33.87	RMS	32.5	-23.3	43.07	54	-10.93	-	-	248	369	V
4	* 2.485	33.8	RMS	32.5	-23.3	43	54	-11	-	-	248	369	V
2	2.512	44.35	Pk	32.6	-23.3	53.65	-	-	74	-20.35	248	369	V

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

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL RESULTS**

RADIATED EMISSIONS

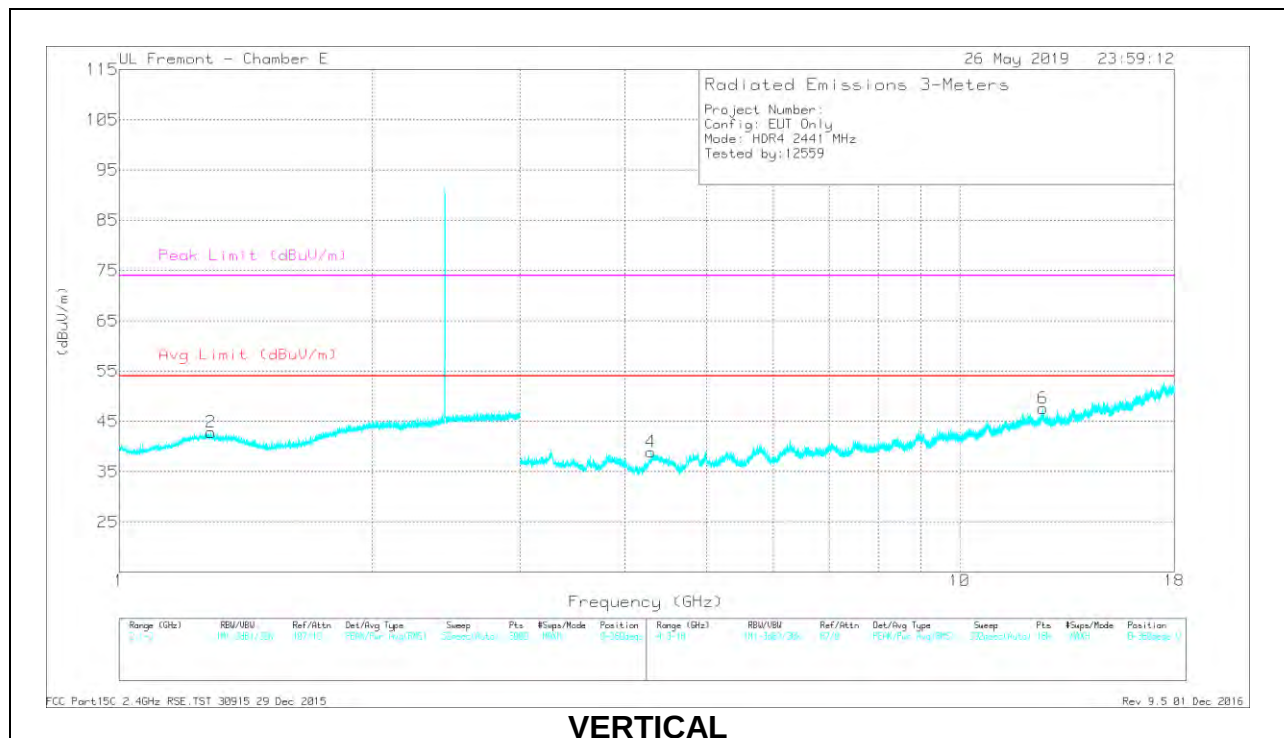
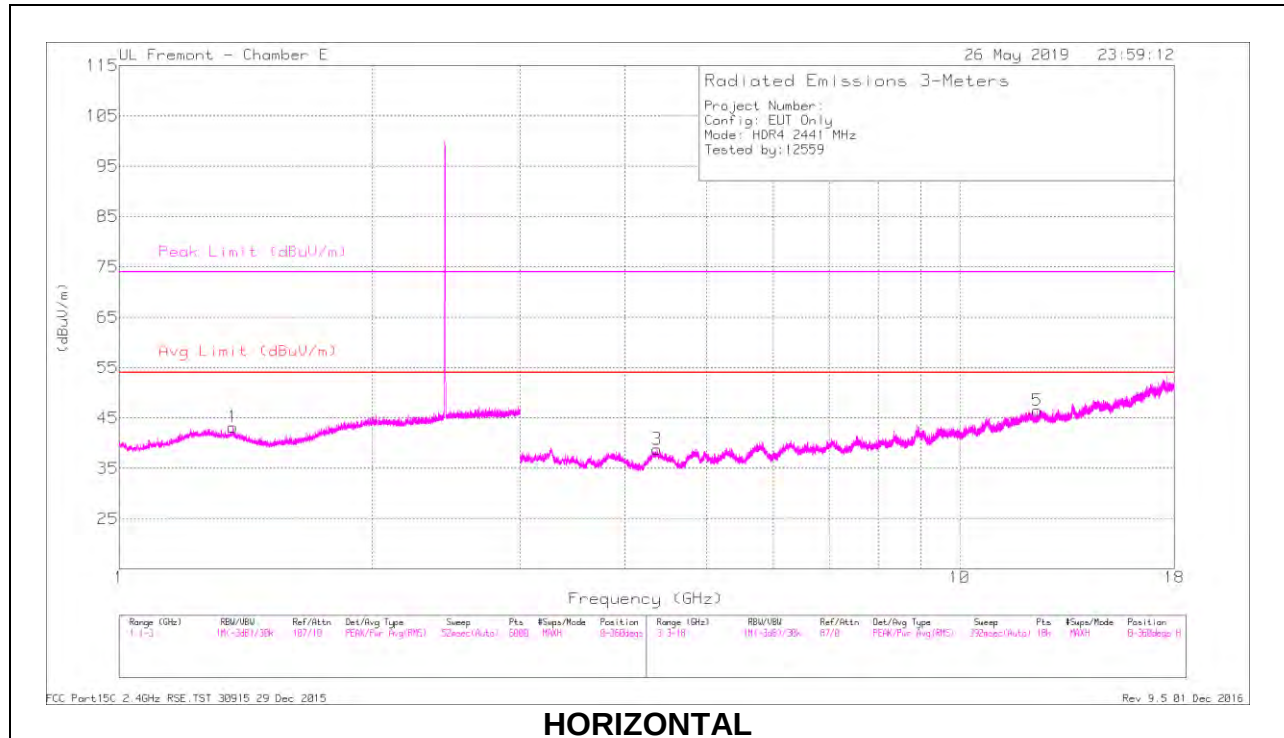
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.261	46.09	PK2	30	-26.2	49.89	-	-	74	-24.11	187	383	H
	* 1.263	33.9	MAv1	30	-26.1	37.8	54	-16.2	-	-	187	383	H
2	* 1.385	46.23	PK2	29.4	-26.2	49.43	-	-	74	-24.57	118	367	V
	* 1.386	34	MAv1	29.4	-26.3	37.1	54	-16.9	-	-	118	367	V
5	* 12.537	35.25	PK2	39.1	-21.1	53.25	-	-	74	-20.75	56	310	H
	* 12.536	23.82	MAv1	39	-21.1	41.72	54	-12.28	-	-	56	310	H
4	* 9.408	37.67	PK2	36.5	-24.3	49.87	-	-	74	-24.13	50	122	V
	* 9.409	25.53	MAv1	36.5	-24.3	37.73	54	-16.27	-	-	50	122	V
6	* 12.165	35.58	PK2	39.1	-21.9	52.78	-	-	74	-21.22	67	164	V
	* 12.162	24.03	MAv1	39.1	-22	41.13	54	-12.87	-	-	67	164	V
3	9.525	25.47	MAv1	36.7	-24.2	37.97	-	-	-	-	110	146	H
	9.527	37.21	PK2	36.8	-24.2	49.81	-	-	-	-	110	146	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

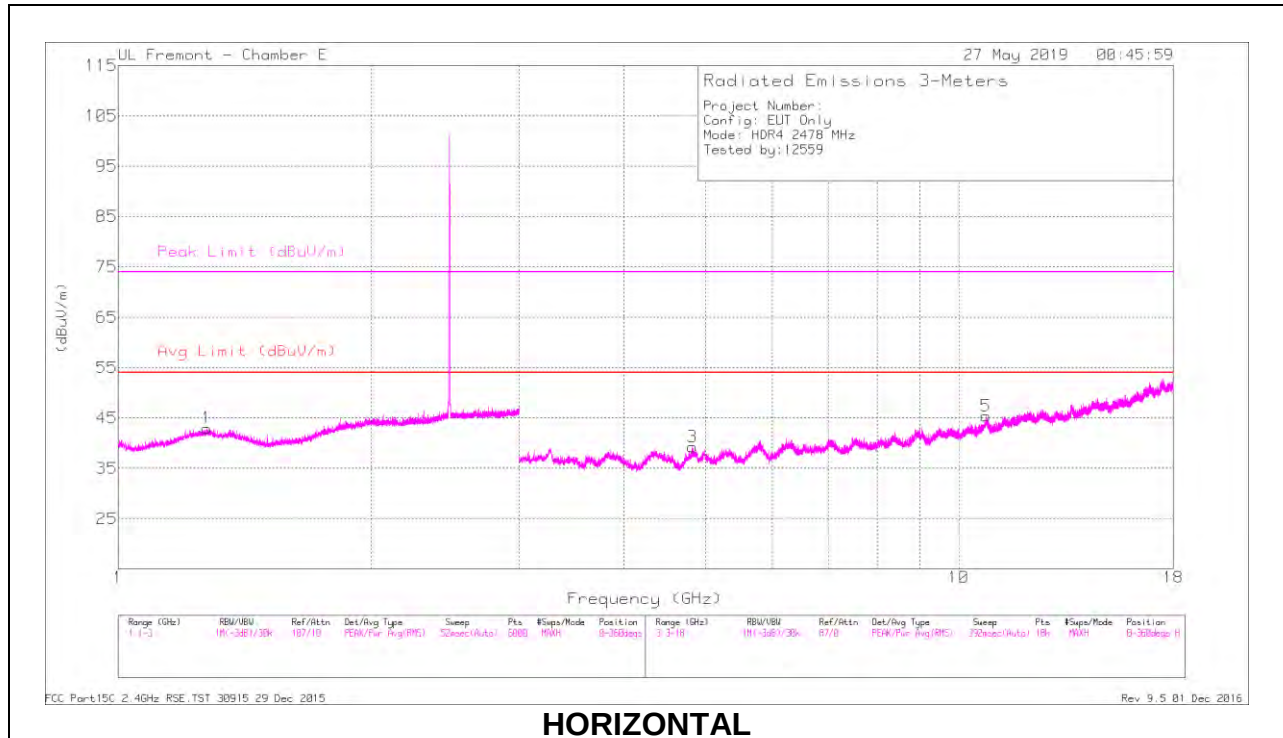
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.365	46.3	PK2	29.8	-26.2	49.9	-	-	74	-24.1	149	241	H
	* 1.366	33.98	MAv1	29.8	-26.2	37.58	54	-16.42	-	-	149	241	H
2	* 1.287	45.75	PK2	30	-26.2	49.55	-	-	74	-24.45	73	293	V
	* 1.287	33.9	MAv1	30	-26.2	37.7	54	-16.3	-	-	73	293	V
3	* 4.365	41.4	PK2	33.7	-29.6	45.5	-	-	74	-28.5	70	109	H
	* 4.364	30.01	MAv1	33.7	-29.6	34.11	54	-19.89	-	-	70	109	H
5	* 12.369	35.45	PK2	39	-22.3	52.15	-	-	74	-21.85	284	216	H
	* 12.368	24.07	MAv1	39	-22.3	40.77	54	-13.23	-	-	284	216	H
4	* 4.289	42.77	PK2	33.6	-30.9	45.47	-	-	74	-28.53	348	243	V
	* 4.29	30.72	MAv1	33.6	-30.9	33.42	54	-20.58	-	-	348	243	V
6	* 12.553	35.43	PK2	39	-21.2	53.23	-	-	74	-20.77	360	131	V
	* 12.553	23.95	MAv1	39	-21.2	41.75	54	-12.25	-	-	360	131	V

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

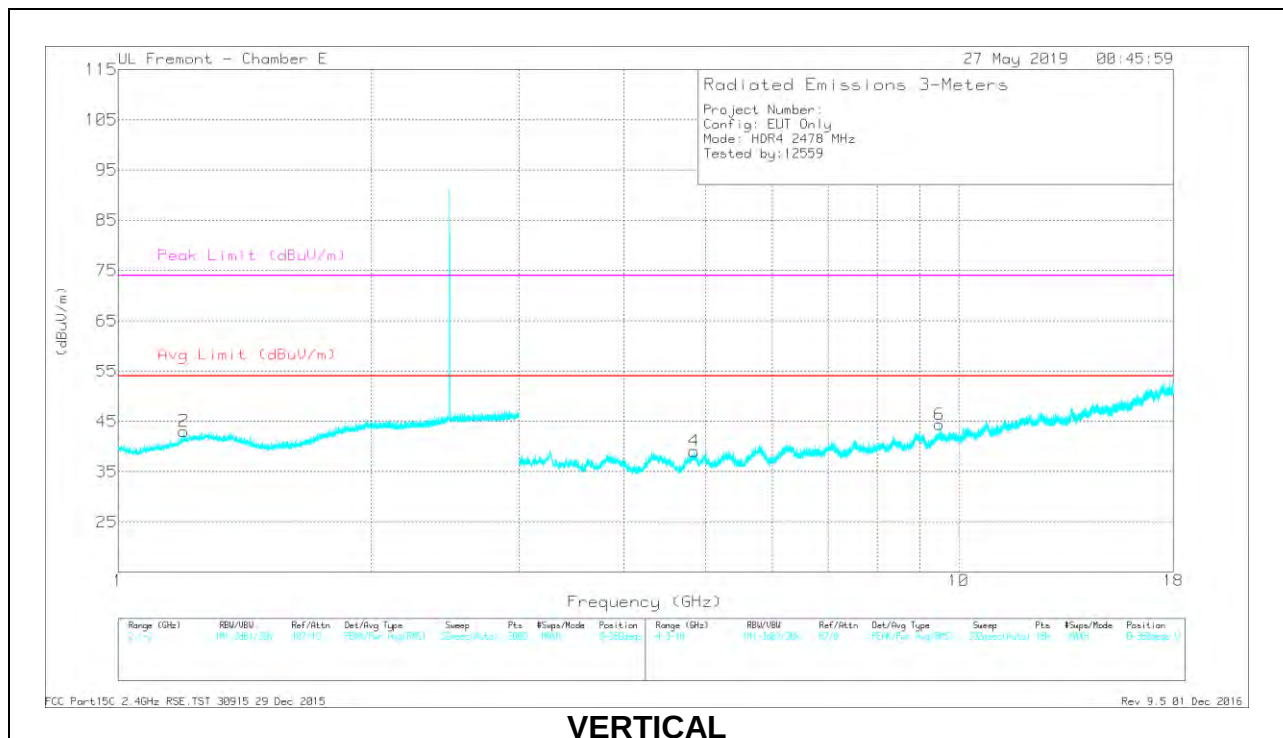
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.273	45.96	PK2	30.1	-26.2	49.86	-	-	74	-24.14	204	107	H
	* 1.276	33.91	MAv1	30.2	-26.2	37.91	54	-16.09	-	-	204	107	H
2	* 1.196	45.78	PK2	29.4	-26.1	49.08	-	-	74	-24.92	146	341	V
	* 1.199	33.74	MAv1	29.5	-26.1	37.14	54	-16.86	-	-	146	341	V
3	* 4.82	41.62	PK2	34.1	-30.2	45.52	-	-	74	-28.48	2	339	H
	* 4.82	29.93	MAv1	34.1	-30.2	33.83	54	-20.17	-	-	2	339	H
5	* 10.772	37.06	PK2	38	-23.3	51.76	-	-	74	-22.24	114	105	H
	* 10.77	25.35	MAv1	38	-23.4	39.95	54	-14.05	-	-	114	105	H
4	* 4.846	41.11	PK2	34.1	-30.1	45.11	-	-	74	-28.89	94	311	V
	* 4.844	29.68	MAv1	34.1	-30.1	33.68	54	-20.32	-	-	94	311	V
6	* 9.484	37.12	PK2	36.7	-24.1	49.72	-	-	74	-24.28	14	356	V
	* 9.484	25.4	MAv1	36.7	-24.1	38	54	-16	-	-	14	356	V

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

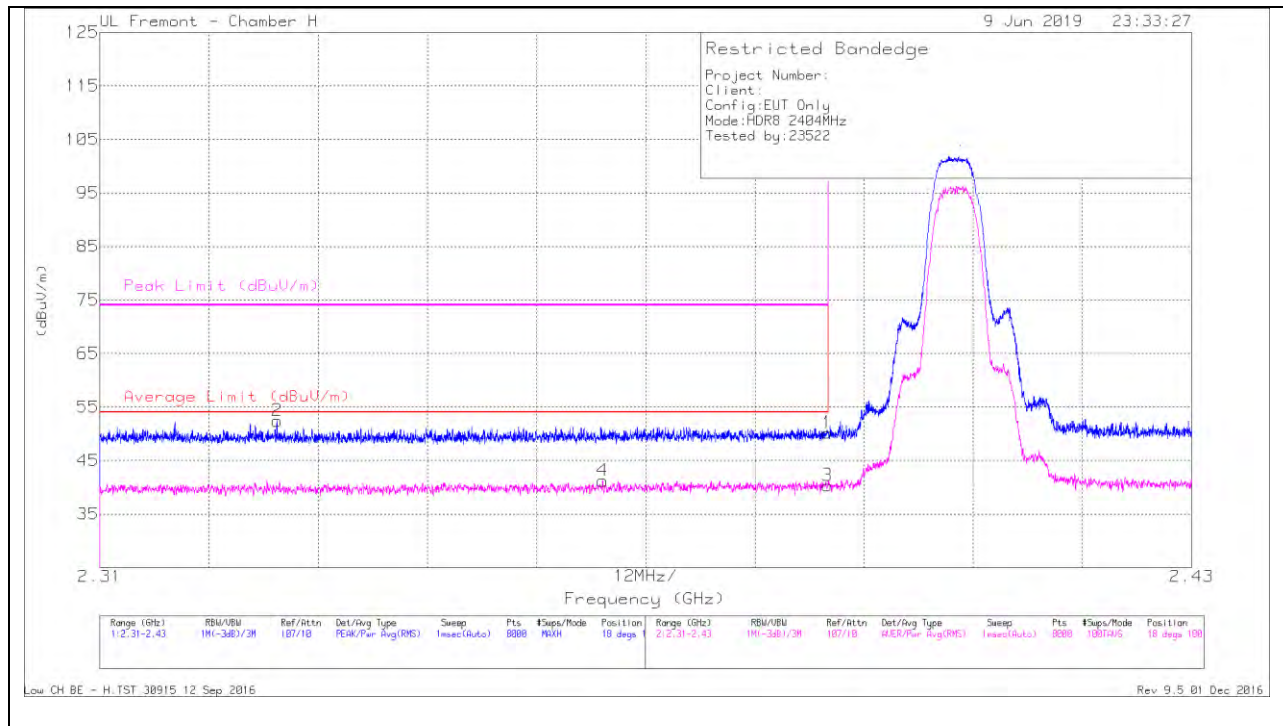
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.8. BEAMFORMING LOW POWER HDR (HDR8)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT136 (dB/m)	Amp/Cb/Fltr/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	42.06	Pk	31.6	-23.5	50.16	-	-	74	-23.84	18	100	H
2	* 2.329	44.72	Pk	31.3	-23.6	52.42	-	-	74	-21.58	18	100	H
3	* 2.39	32.2	RMS	31.6	-23.5	40.3	54	-13.7	-	-	18	100	H
4	* 2.365	33.33	RMS	31.5	-23.6	41.23	54	-12.77	-	-	18	100	H

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

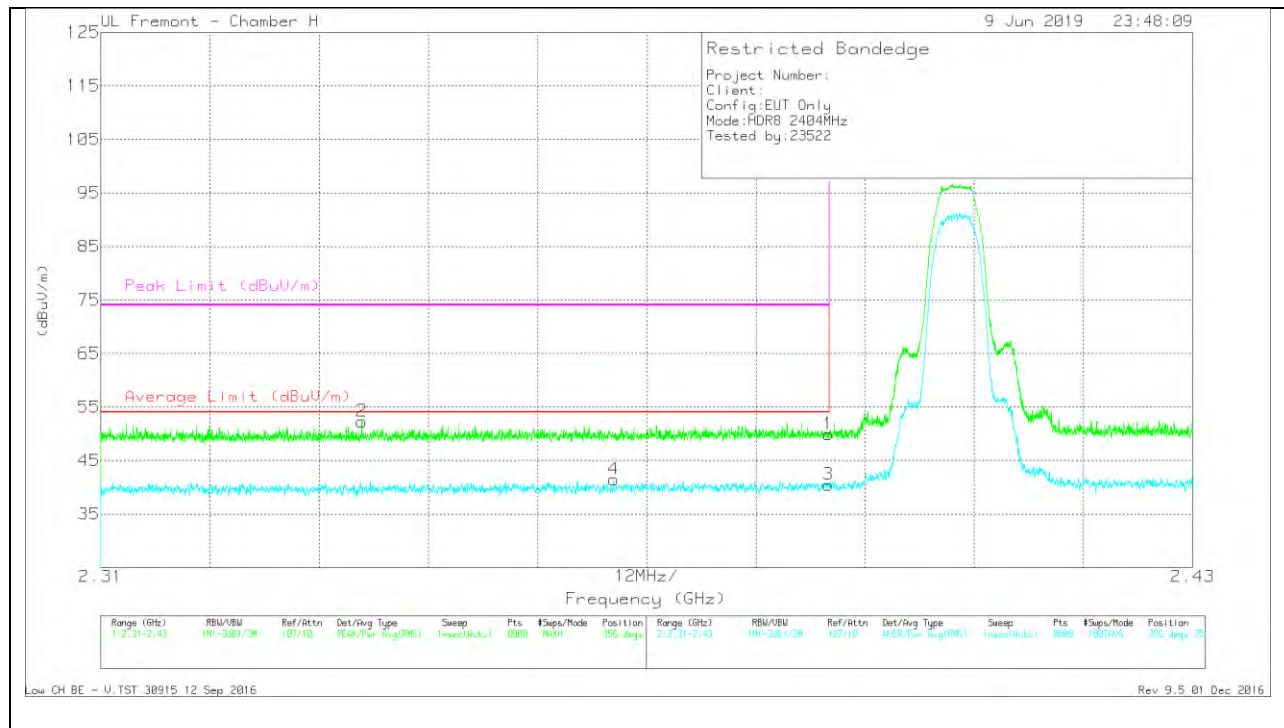
Pk - Peak detector

RMS - RMS detection

Low CH BE - H.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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	41.82	Pk	31.6	-23.5	49.92	-	-	74	-24.08	356	352	V
2	* 2.339	44.71	Pk	31.2	-23.6	52.31	-	-	74	-21.69	356	352	V
3	* 2.39	32.37	RMS	31.6	-23.5	40.47	54	-13.53	-	-	356	352	V
4	* 2.366	33.57	RMS	31.5	-23.6	41.47	54	-12.53	-	-	356	352	V

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

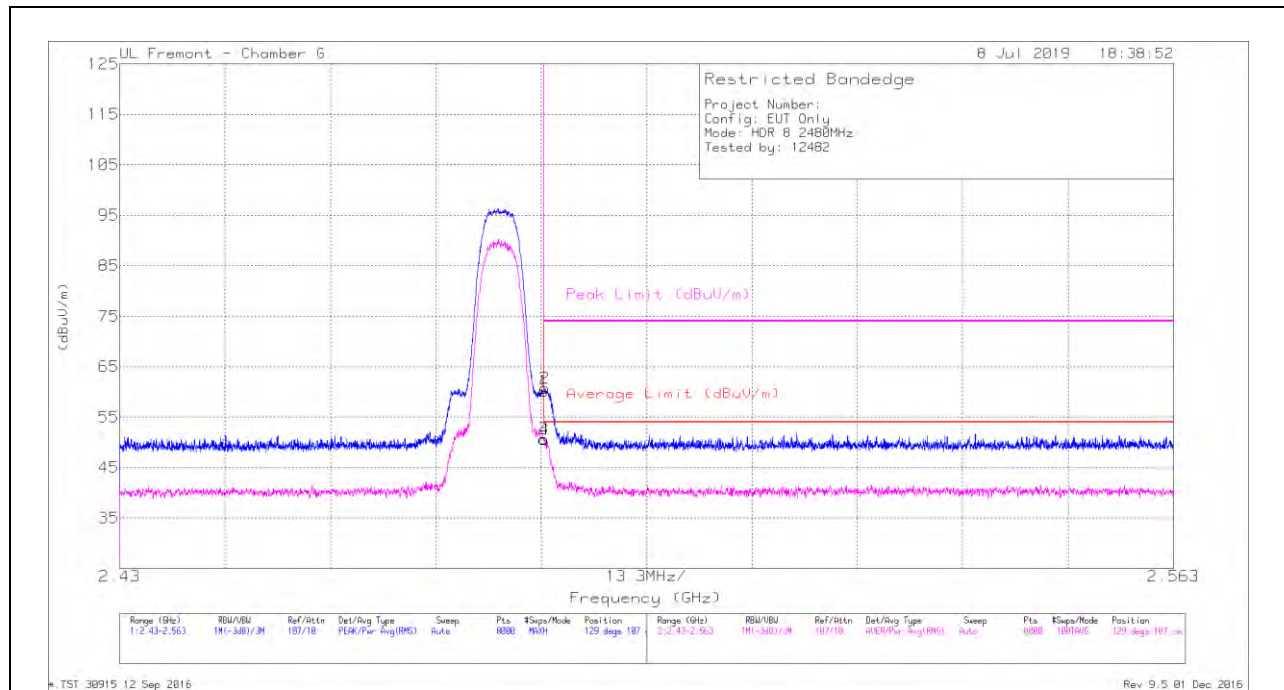
Pk - Peak detector

RMS - RMS detection

Low CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

HORIZONTAL RESULT



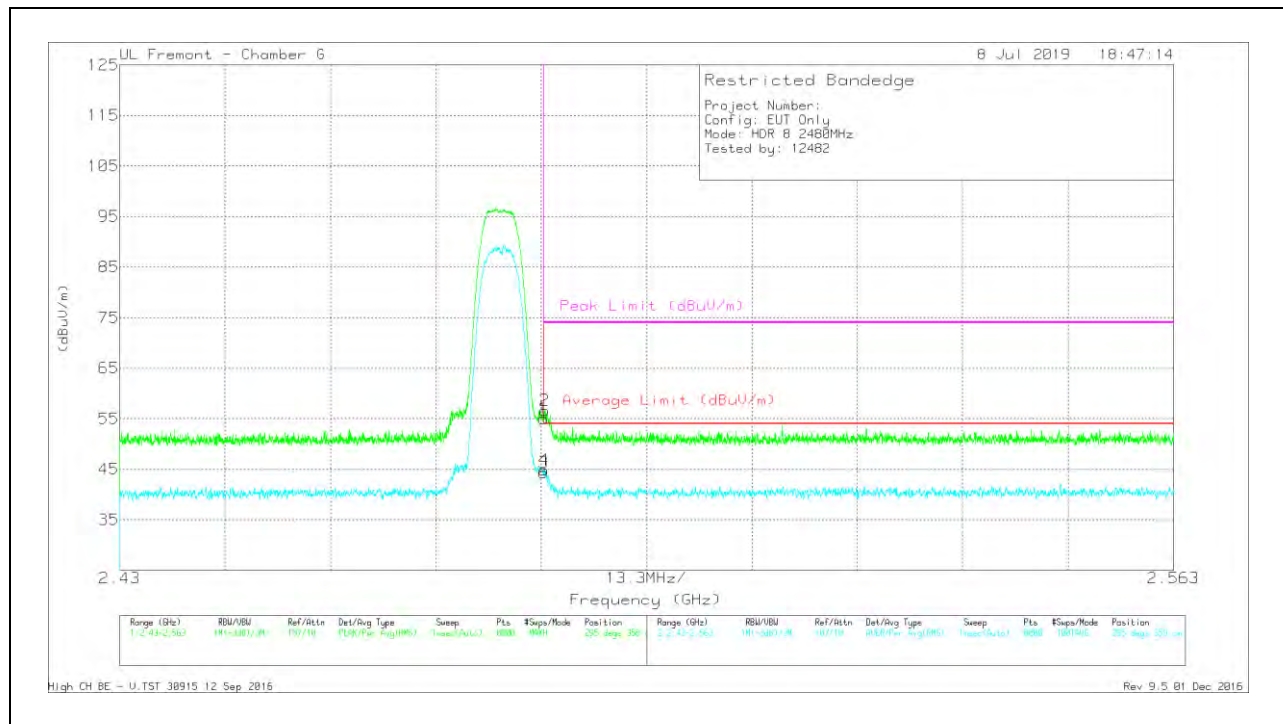
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtz/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	49.71	Pk	32.5	-22.1	60.11	-	-	74	-13.89	129	107	H
2	* 2.484	50.36	Pk	32.5	-22.1	60.76	-	-	74	-13.24	129	107	H
3	* 2.484	40.23	RMS	32.5	-22.1	50.63	54	-3.37	-	-	129	107	H
4	* 2.484	40.19	RMS	32.5	-22.1	50.59	54	-3.41	-	-	129	107	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

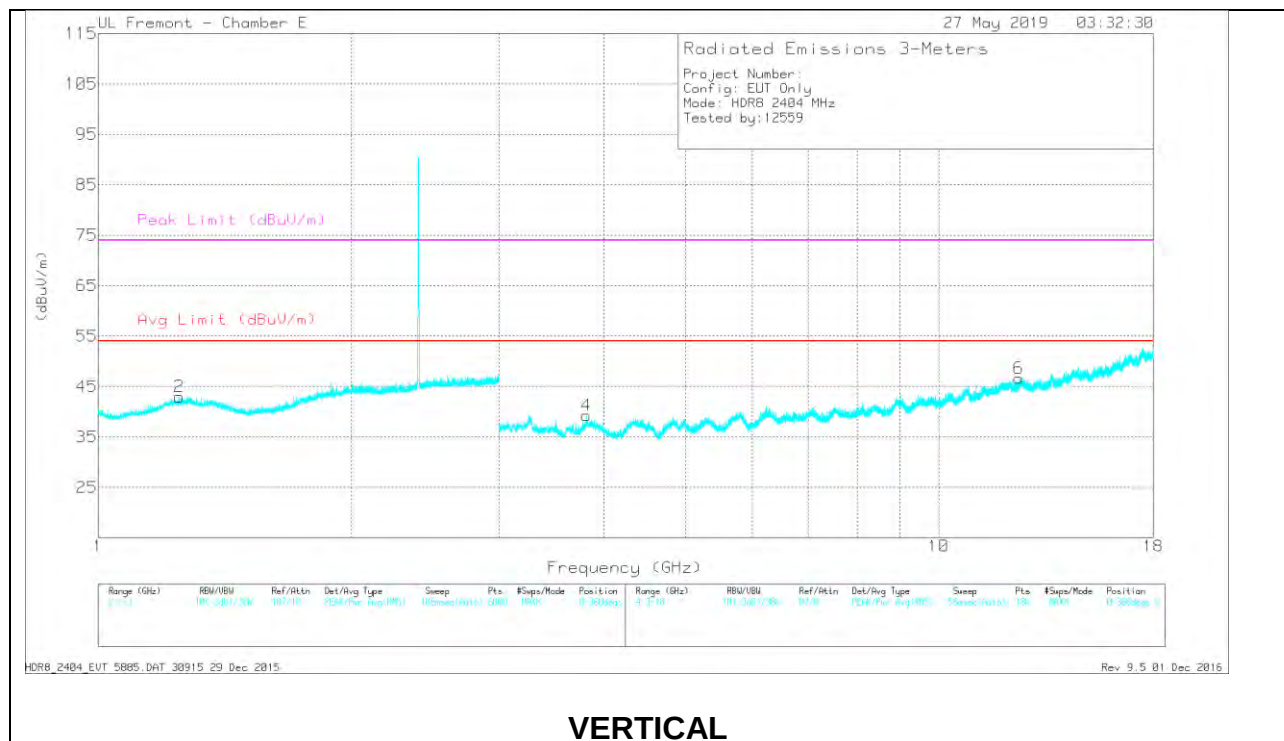
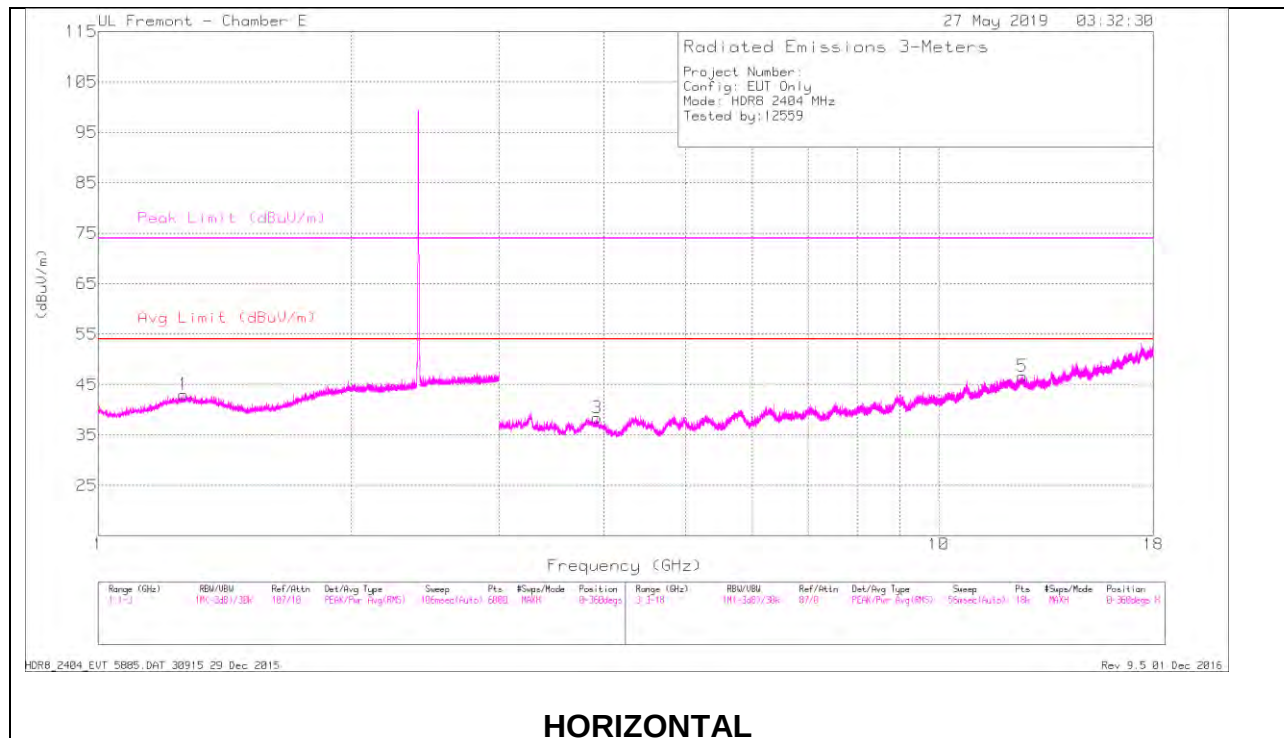


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.65	Pk	32.5	-22.1	55.05	-	-	74	-18.95	295	358	V
2	* 2.484	46.26	Pk	32.5	-22.1	56.66	-	-	74	-17.34	295	358	V
3	* 2.484	33.96	RMS	32.5	-22.1	44.36	54	-9.64	-	-	295	358	V
4	* 2.484	34.46	RMS	32.5	-22.1	44.86	54	-9.14	-	-	295	358	V

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

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL RESULTS**

RADIATED EMISSIONS

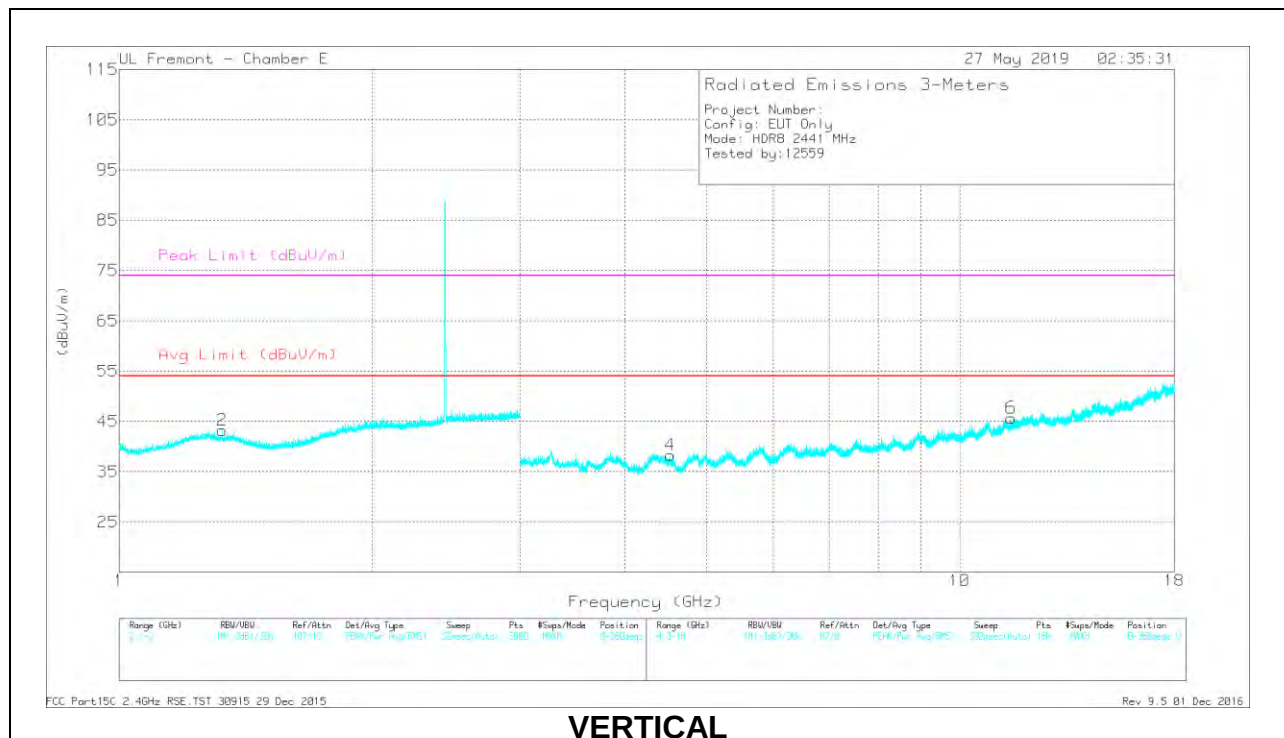
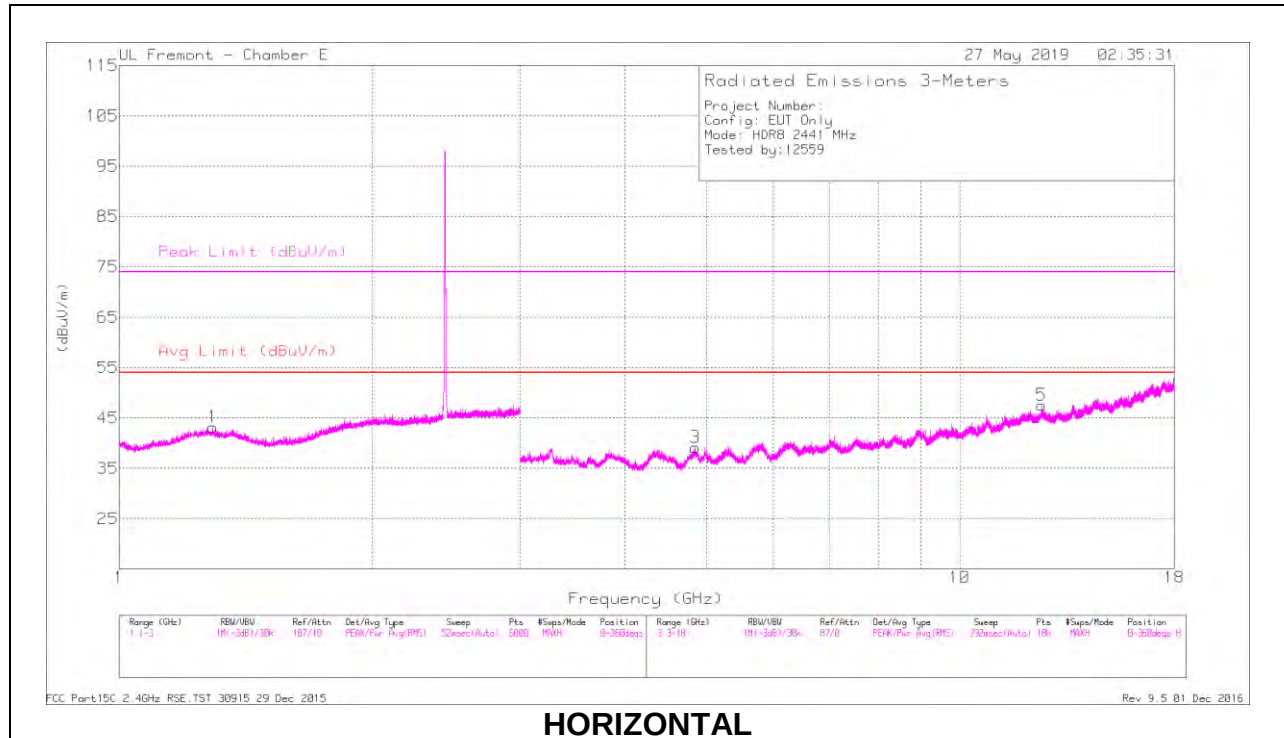
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.263	45.67	PK2	30	-26.2	49.47	-	-	74	-24.53	280	284	H
	* 1.266	33.8	MAv1	30	-26.1	37.7	54	-16.3	-	-	280	284	H
2	* 1.251	45.78	PK2	29.9	-26.2	49.48	-	-	74	-24.52	147	329	V
	* 1.249	33.83	MAv1	29.9	-26.2	37.53	54	-16.47	-	-	147	329	V
3	* 3.922	42.61	PK2	33.4	-30.8	45.21	-	-	74	-28.79	98	285	H
	* 3.925	31.03	MAv1	33.4	-30.8	33.63	54	-20.37	-	-	98	285	H
5	* 12.578	35.85	PK2	39.1	-21.5	53.45	-	-	74	-20.55	103	263	H
	* 12.577	23.9	MAv1	39.1	-21.5	41.5	54	-12.5	-	-	103	263	H
4	* 3.809	43.23	PK2	33.3	-31.4	45.13	-	-	74	-28.87	342	278	V
	* 3.811	31.64	MAv1	33.3	-31.3	33.64	54	-20.36	-	-	342	278	V
6	* 12.461	35.91	PK2	39	-22	52.91	-	-	74	-21.09	0	393	V
	* 12.461	24.2	MAv1	39	-22	41.2	54	-12.8	-	-	0	393	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

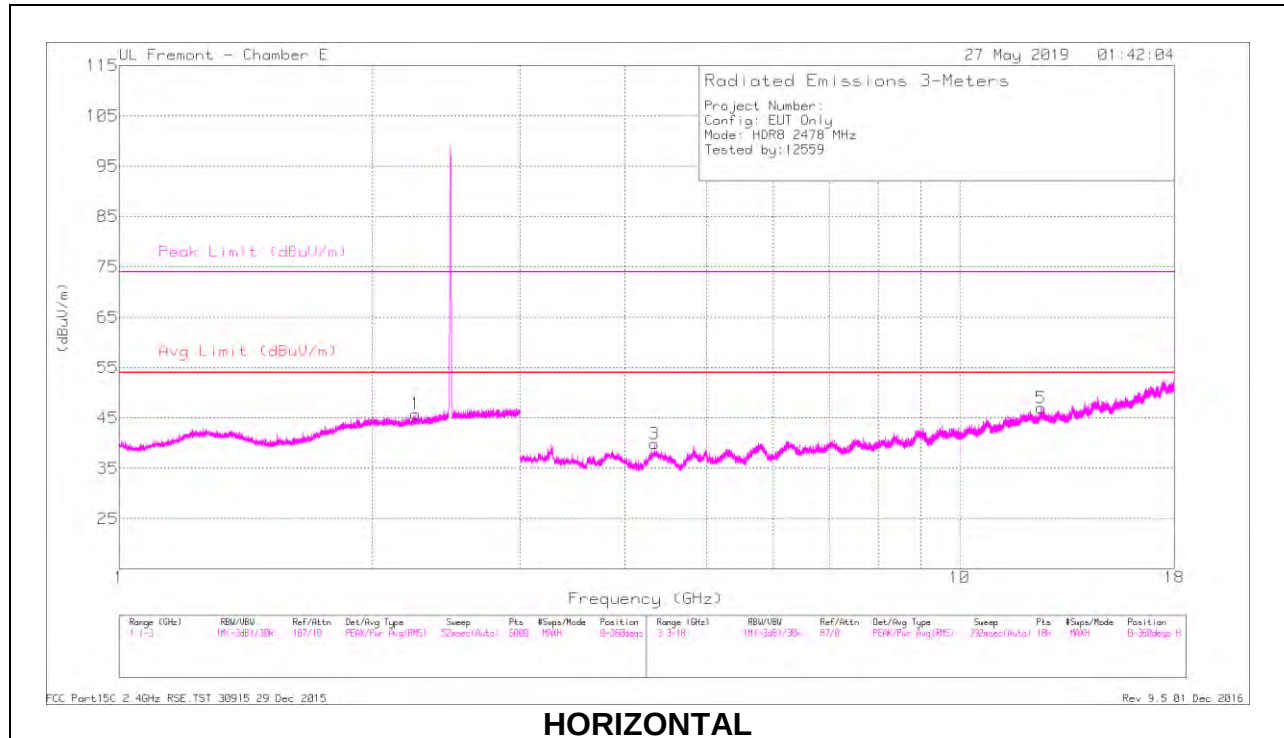
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.291	45.98	PK2	30	-26.1	49.88	-	-	74	-24.12	278	329	H
	* 1.291	33.85	MAv1	30	-26.1	37.75	54	-16.25	-	-	278	329	H
2	* 1.326	45.95	PK2	29.6	-26.2	49.35	-	-	74	-24.65	301	327	V
	* 1.327	33.91	MAv1	29.6	-26.2	37.31	54	-16.69	-	-	301	327	V
3	* 4.848	41.73	PK2	34.1	-30.1	45.73	-	-	74	-28.27	123	187	H
	* 4.848	29.76	MAv1	34.1	-30.1	33.76	54	-20.24	-	-	123	187	H
5	* 12.514	35.27	PK2	39	-21.5	52.77	-	-	74	-21.23	232	103	H
	* 12.513	23.87	MAv1	39	-21.5	41.37	54	-12.63	-	-	232	103	H
4	* 4.524	43.59	PK2	34	-31.3	46.29	-	-	74	-27.71	101	233	V
	* 4.526	30.61	MAv1	34	-31.3	33.31	54	-20.69	-	-	101	233	V
6	* 11.514	36.15	PK2	38.4	-22.9	51.65	-	-	74	-22.35	45	252	V
	* 11.513	24.54	MAv1	38.4	-22.9	40.04	54	-13.96	-	-	45	252	V

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

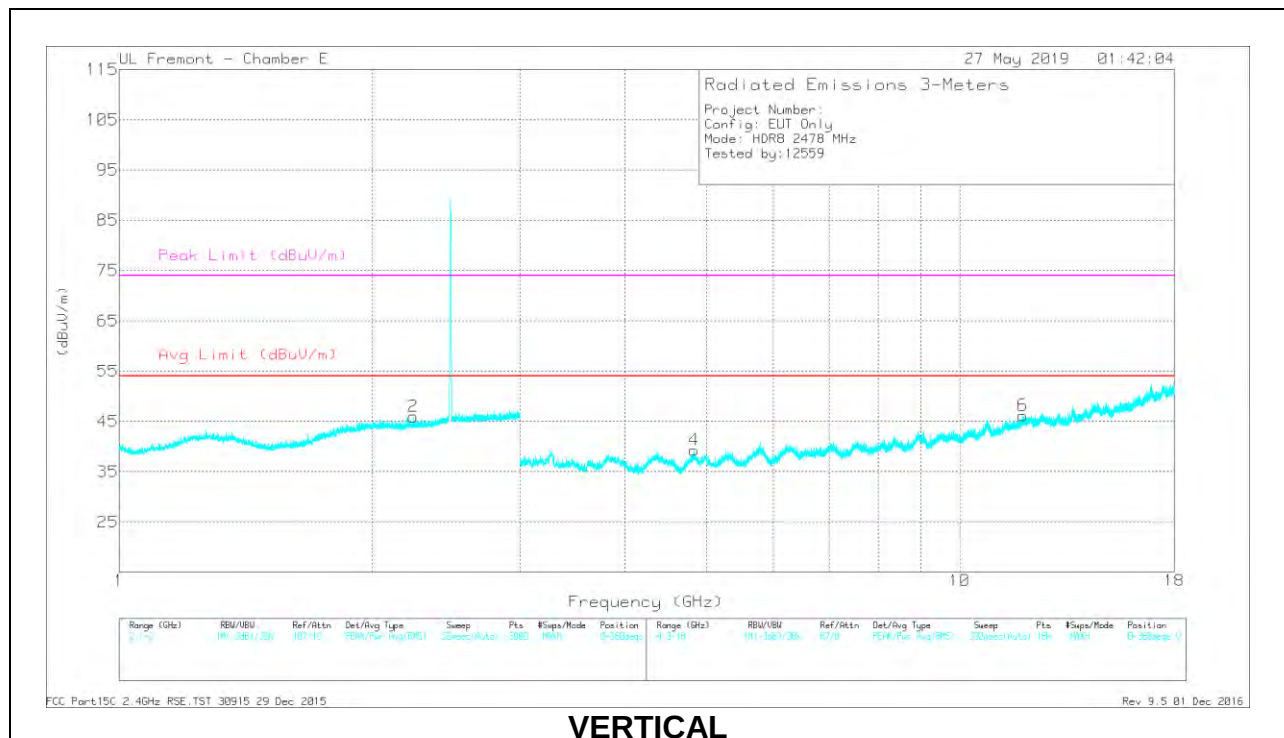
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/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	* 2.254	46.07	PK2	31.9	-26.3	51.67	-	-	74	-22.33	352	154	H
	* 2.253	34.36	MAv1	31.9	-26.3	39.96	54	-14.04	-	-	352	154	H
2	* 2.237	46.74	PK2	31.9	-26.3	52.34	-	-	74	-21.66	13	198	V
	* 2.241	34.32	MAv1	31.9	-26.3	39.92	54	-14.08	-	-	13	198	V
3	* 4.338	42.24	PK2	33.7	-29.7	46.24	-	-	74	-27.76	325	269	H
	* 4.336	30.05	MAv1	33.7	-29.8	33.95	54	-20.05	-	-	325	269	H
5	* 12.497	35.82	PK2	39	-21.3	53.52	-	-	74	-20.48	4	118	H
	* 12.499	23.88	MAv1	39	-21.4	41.48	54	-12.52	-	-	4	118	H
4	* 4.829	41.83	PK2	34.1	-30	45.93	-	-	74	-28.07	285	234	V
	* 4.828	30	MAv1	34.1	-30	34.1	54	-19.9	-	-	285	234	V
6	* 11.893	36.01	PK2	39	-22.3	52.71	-	-	74	-21.29	182	220	V
	* 11.892	24.3	MAv1	39	-22.3	41	54	-13	-	-	182	220	V

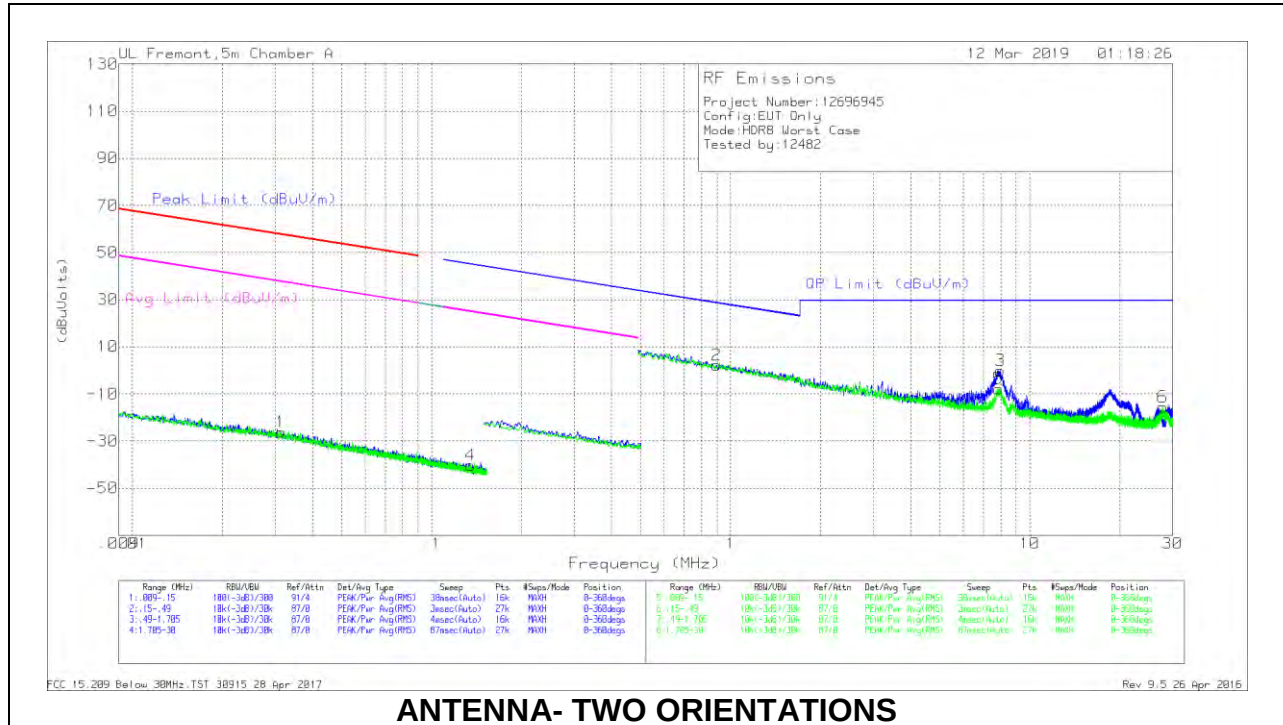
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.3. WORST CASE BELOW 30MHZ

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION; PARALLEL AND PERPENDICULAR)



ANTENNA- TWO ORIENTATIONS

Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dBm)	Cables (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.03137	39.1	Pk	14.8	0	-80	-26.1	57.66	-83.76	37.66	-63.76	-	-	-	-	0-360
4	.13479	28.11	Pk	11.4	.1	-80	-40.39	-	-	-	-	45.03	-85.42	25.03	-65.42	0-360

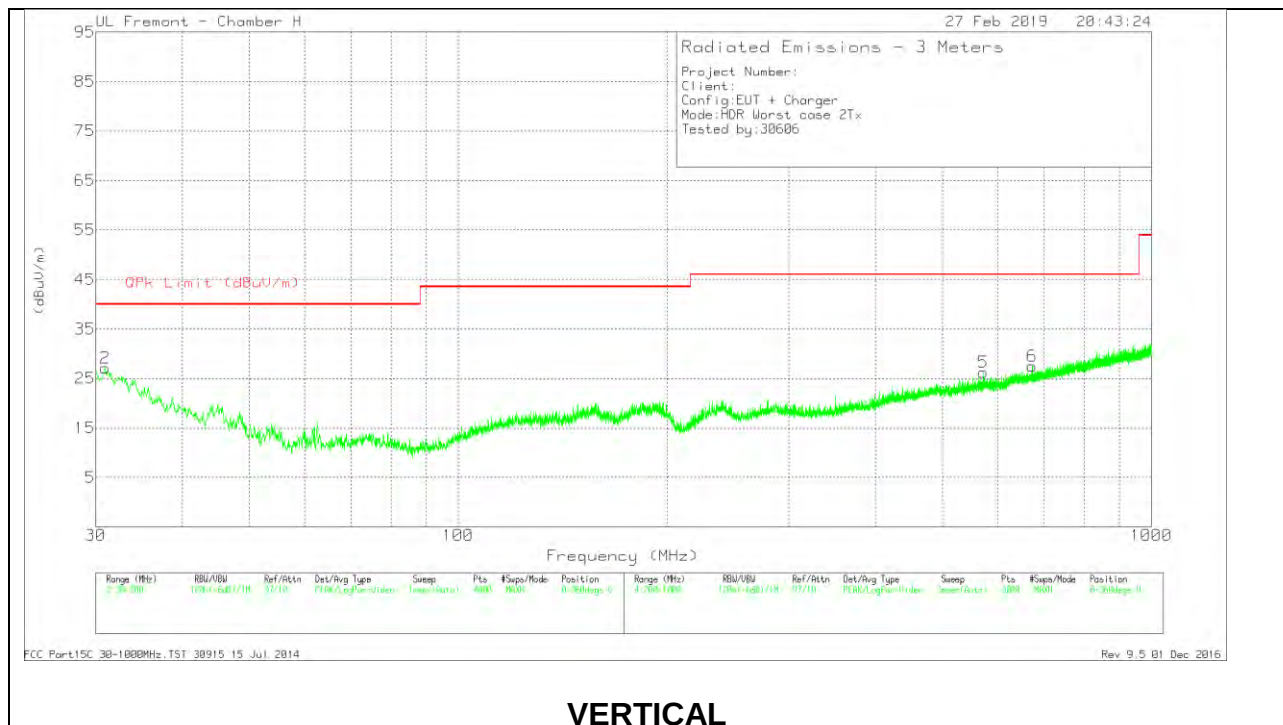
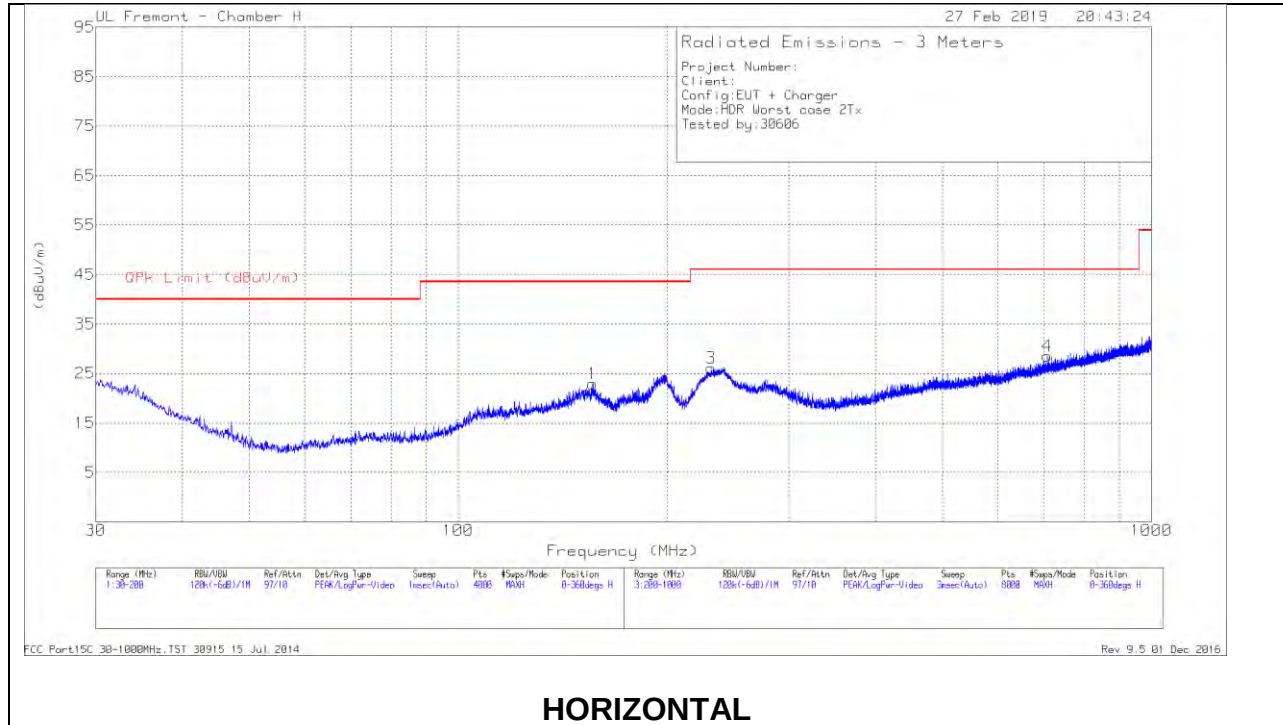
Pk - Peak detector

Marker	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)
2	.89626	30.96	Pk	11.1	.1	-40	2.16	28.57	-26.41	0-360
5	7.8468	20.79	Pk	10.9	.4	-40	-7.91	29.5	-37.41	0-360
3	7.95842	28.68	Pk	10.9	.4	-40	-.02	29.5	-29.52	0-360
6	27.83426	15.15	Pk	8.7	.7	-40	-15.45	29.5	-44.95	0-360

Pk - Peak detector

9.4. WORST CASE BELOW 1 GHz

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



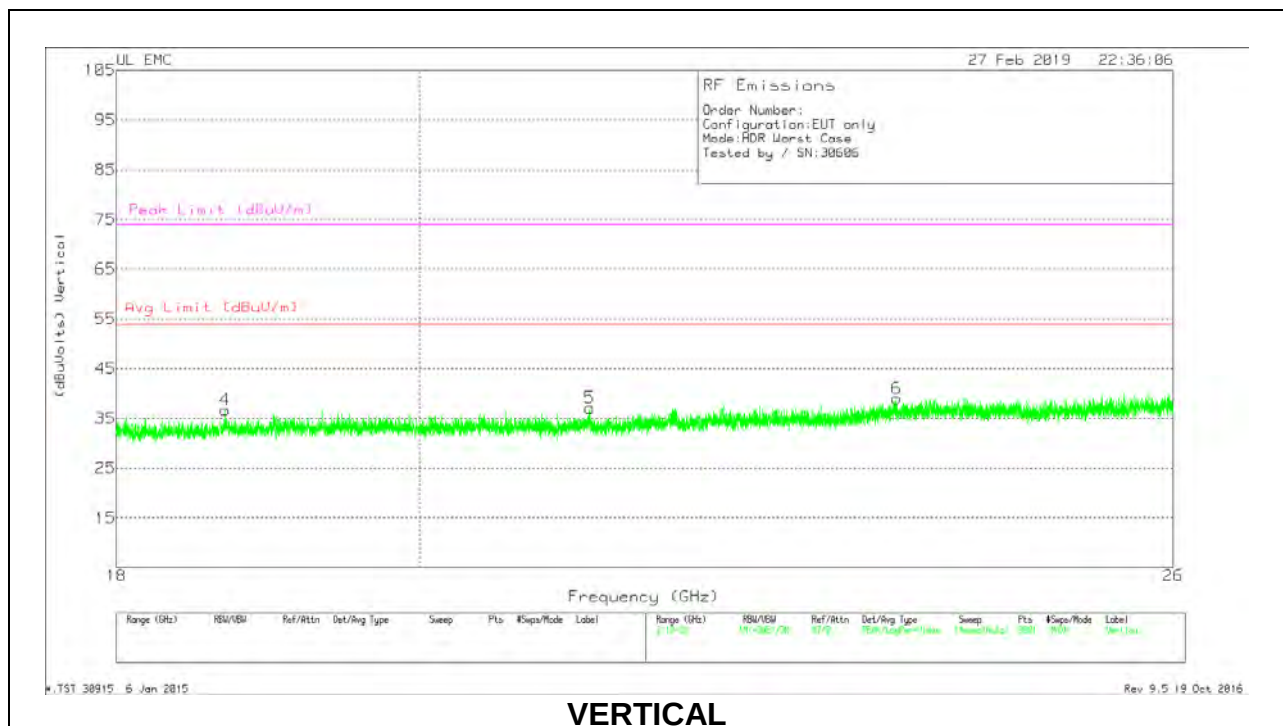
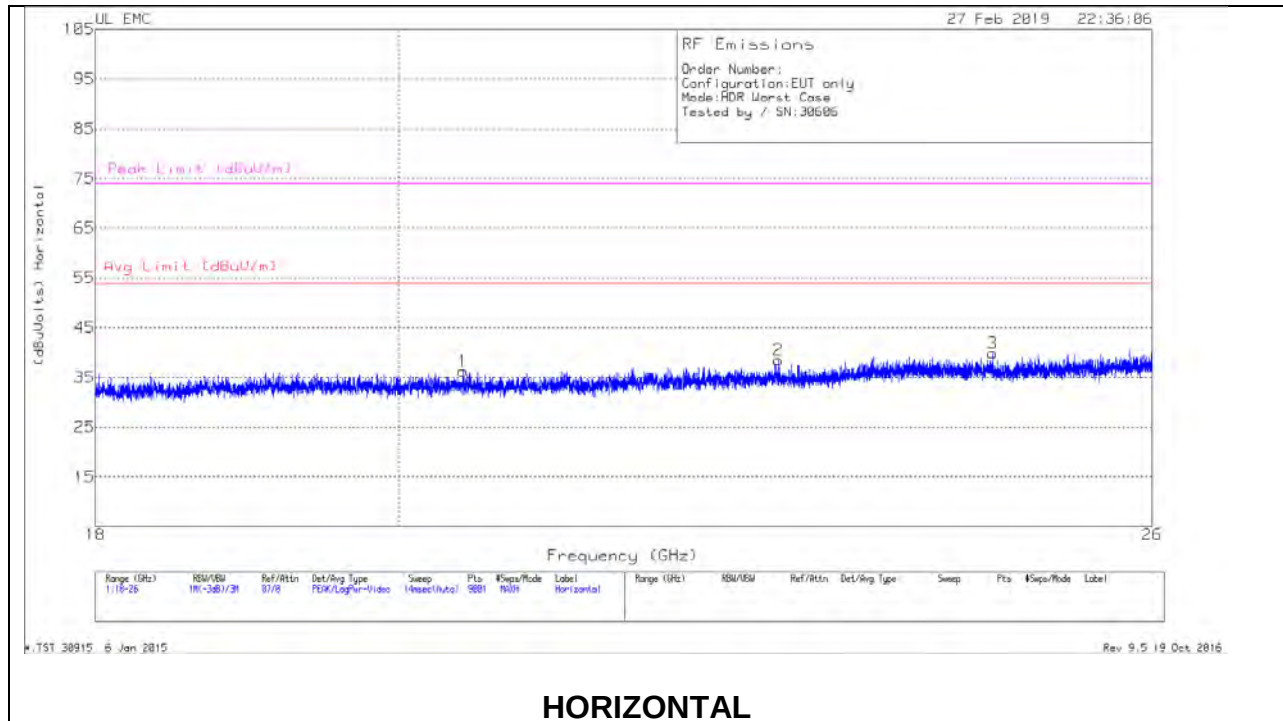
Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T122 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	30.9352	31.97	Pk	26.4	-31.3	27.07	40	-12.93	0-360	100	V
1	156.3427	34.64	Pk	18.3	-30	22.94	43.52	-20.58	0-360	199	H
3	231.8041	38.56	Pk	17	-29.5	26.06	46.02	-19.96	0-360	101	H
5	571.7483	29.79	Pk	24.5	-28.1	26.19	46.02	-19.83	0-360	101	V
6	673.6616	29.73	Pk	25.6	-27.8	27.53	46.02	-18.49	0-360	199	V
4	707.0659	30.15	Pk	26.1	-27.7	28.55	46.02	-17.47	0-360	199	H

Pk - Peak detector

9.5. WORST CASE 18-26 GHZ

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



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	20.457	37.99	Pk	33	-25.2	-9.5	36.29	54	-17.71	74	-37.71
2	22.828	39.62	Pk	33.5	-25.1	-9.5	38.52	54	-15.48	74	-35.48
3	24.596	39.05	Pk	34.4	-24.1	-9.5	39.85	54	-14.15	74	-34.15
4	18.693	38	Pk	32.4	-24.2	-9.5	36.7	54	-17.3	74	-37.3
5	21.223	38.59	Pk	33	-25	-9.5	37.09	54	-16.91	74	-36.91
6	23.613	38.83	Pk	34.1	-24.4	-9.5	39.03	54	-14.97	74	-34.97

Pk - Peak detector

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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.

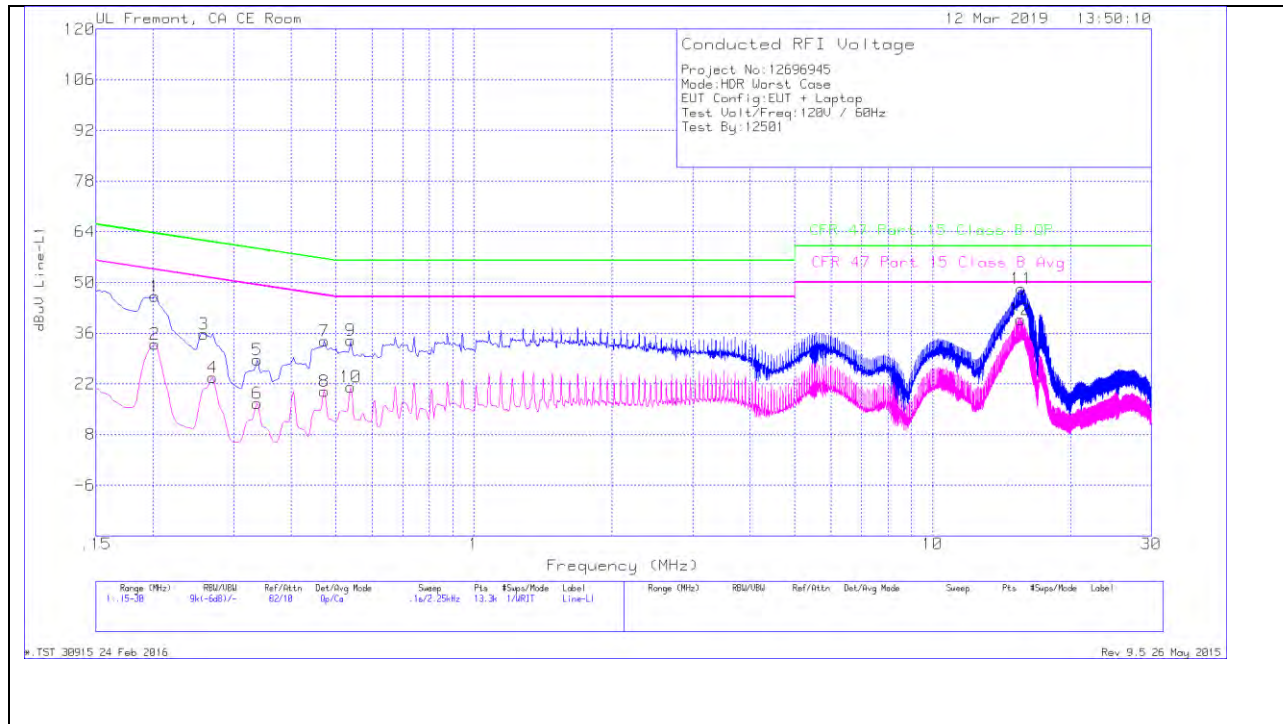
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.1. AC Power Line Host

LINE 1 RESULTS

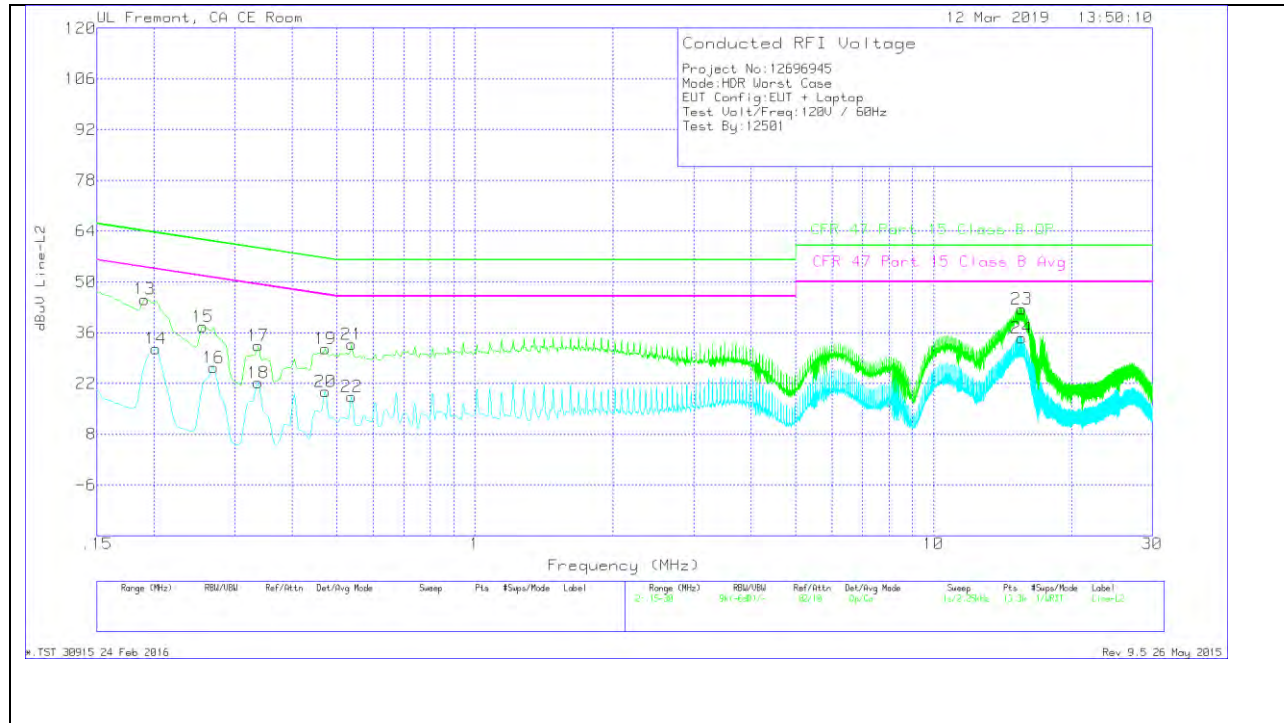


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.20175	36.07	Qp	0	0	10.1	46.17	63.54	-17.37	-	-
2	.20175	22.83	Ca	0	0	10.1	32.93	-	-	53.54	-20.61
3	.258	25.69	Qp	0	0	10.1	35.79	61.5	-25.71	-	-
4	.26925	13.7	Ca	0	0	10.1	23.8	-	-	51.14	-27.34
5	.33675	18.49	Qp	0	0	10.1	28.59	59.28	-30.69	-	-
6	.33675	6.46	Ca	0	0	10.1	16.56	-	-	49.28	-32.72
7	.47175	23.71	Qp	0	0	10.1	33.81	56.48	-22.67	-	-
8	.47175	9.86	Ca	0	0	10.1	19.96	-	-	46.48	-26.52
9	.53925	23.85	Qp	0	0	10.1	33.95	56	-22.05	-	-
10	.53925	11.05	Ca	0	0	10.1	21.15	-	-	46	-24.85
11	15.639	37.5	Qp	.1	.3	10.3	48.2	60	-11.8	-	-
12	15.5715	29.1	Ca	.1	.3	10.2	39.7	-	-	50	-10.3

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	.1905	35.12	Qp	0	0	10.1	45.22	64.01	-18.79	-	-
14	.20175	21.49	Ca	0	0	10.1	31.59	-	-	53.54	-21.95
15	.25575	27.61	Qp	0	0	10.1	37.71	61.57	-23.86	-	-
16	.26925	16.31	Ca	0	0	10.1	26.41	-	-	51.14	-24.73
17	.33675	22.34	Qp	0	0	10.1	32.44	59.28	-26.84	-	-
18	.33675	12.05	Ca	0	0	10.1	22.15	-	-	49.28	-27.13
19	.47175	21.49	Qp	0	0	10.1	31.59	56.48	-24.89	-	-
20	.47175	9.7	Ca	0	0	10.1	19.8	-	-	46.48	-26.68
21	.53925	22.62	Qp	0	0	10.1	32.72	56	-23.28	-	-
22	.53925	8.28	Ca	0	0	10.1	18.38	-	-	46	-27.62
23	15.558	31.99	Qp	.1	.3	10.2	42.59	60	-17.41	-	-
24	15.558	23.88	Ca	.1	.3	10.2	34.48	-	-	50	-15.52

Qp - Quasi-Peak detector

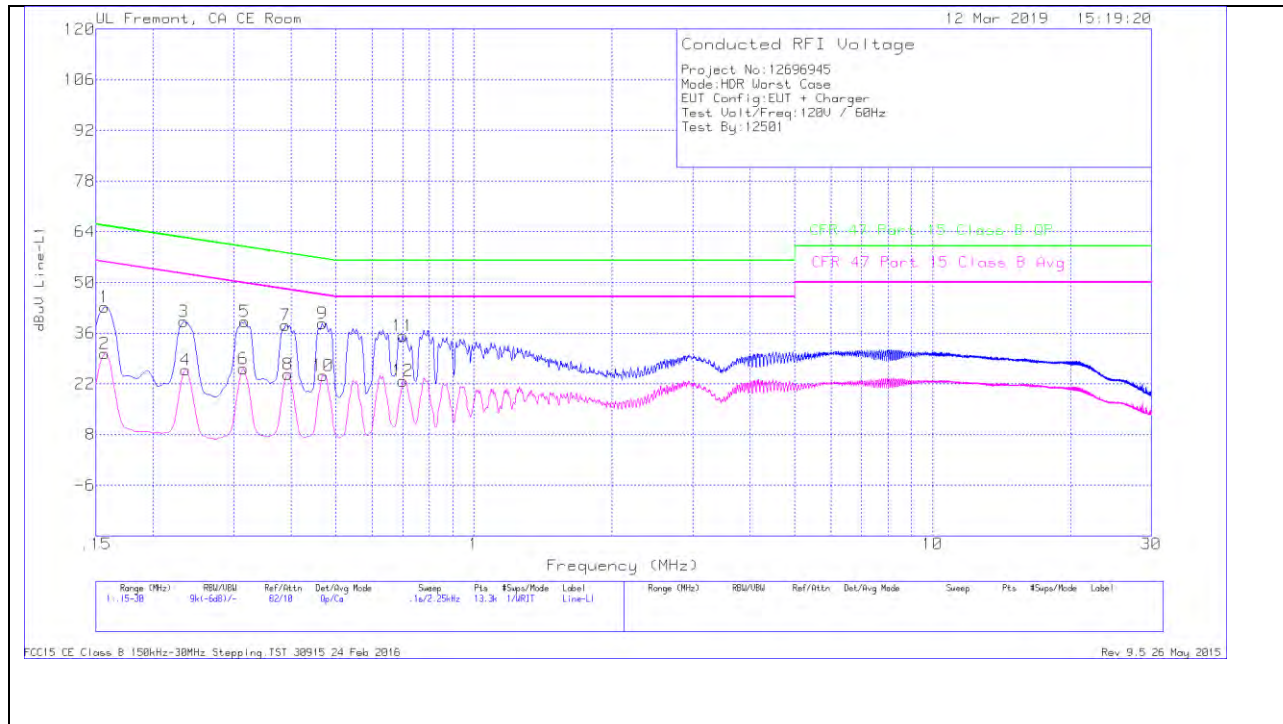
Ca - CISPR average detection

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10.2. AC Power Line Norm

LINE 1 RESULTS

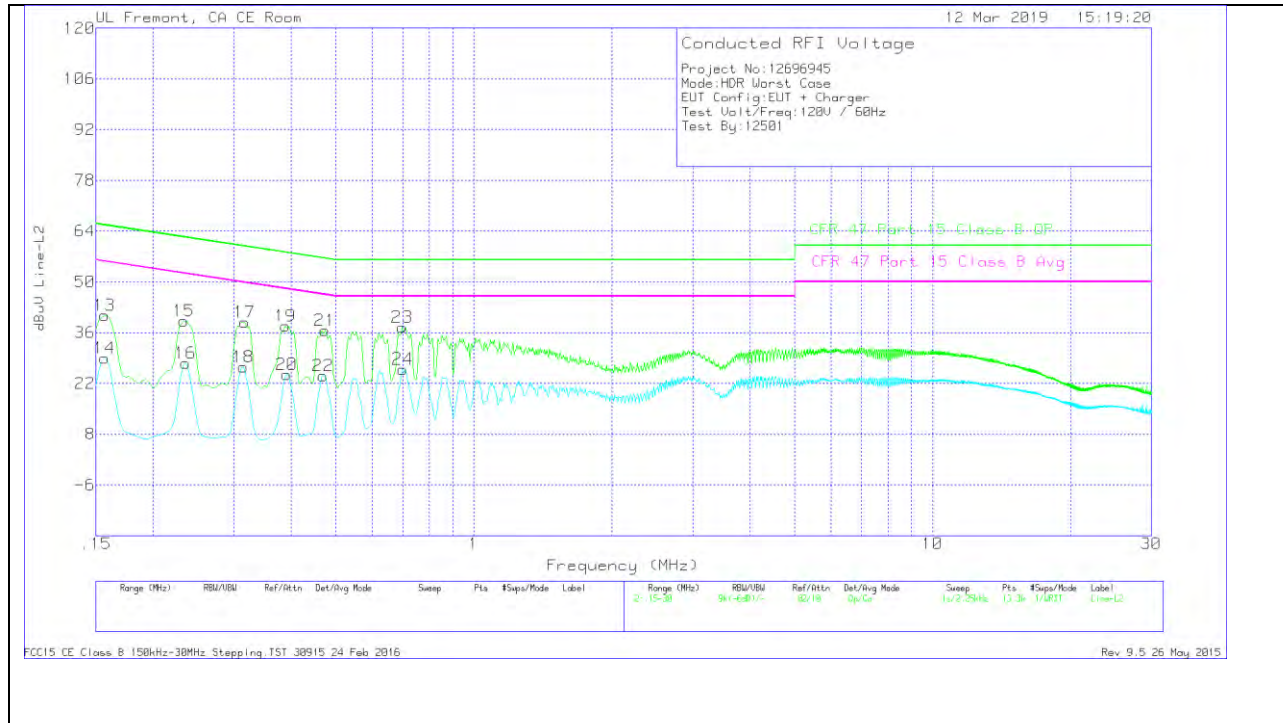


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.15675	32.97	Qp	.1	0	10.1	43.17	65.63	-22.46	-	-
2	.15675	20.17	Ca	.1	0	10.1	30.37	-	-	55.63	-25.26
3	.23325	29.09	Qp	0	0	10.1	39.19	62.33	-23.14	-	-
4	.2355	15.81	Ca	0	0	10.1	25.91	-	-	52.25	-26.34
5	.3165	29.09	Qp	0	0	10.1	39.19	59.8	-20.61	-	-
6	.31425	16.01	Ca	0	0	10.1	26.11	-	-	49.86	-23.75
7	.3885	28.02	Qp	0	0	10.1	38.12	58.1	-19.98	-	-
8	.393	14.52	Ca	0	0	10.1	24.62	-	-	48	-23.38
9	.46725	28.56	Qp	0	0	10.1	38.66	56.56	-17.9	-	-
10	.4695	14.24	Ca	0	0	10.1	24.34	-	-	46.52	-22.18
11	.70125	25.14	Qp	0	0	10.1	35.24	56	-20.76	-	-
12	.70125	12.7	Ca	0	0	10.1	22.8	-	-	46	-23.2

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	30.54	Qp	.1	0	10.1	40.74	65.63	-24.89	-	-
14	.15675	18.82	Ca	.1	0	10.1	29.02	-	-	55.63	-26.61
15	.23325	29.15	Qp	0	0	10.1	39.25	62.33	-23.08	-	-
16	.2335	17.51	Ca	0	0	10.1	27.61	-	-	52.25	-24.64
17	.3165	28.84	Qp	0	0	10.1	38.94	59.8	-20.86	-	-
18	.31425	16.46	Ca	0	0	10.1	26.56	-	-	49.86	-23.3
19	.3885	27.68	Qp	0	0	10.1	37.78	58.1	-20.32	-	-
20	.39075	14.35	Ca	0	0	10.1	24.45	-	-	48.05	-23.6
21	.474	26.53	Qp	0	0	10.1	36.63	56.44	-19.81	-	-
22	.4695	14.02	Ca	0	0	10.1	24.12	-	-	46.52	-22.4
23	.699	27.36	Qp	0	0	10.1	37.46	56	-18.54	-	-
24	.70125	15.82	Ca	0	0	10.1	25.92	-	-	46	-20.08

Qp - Quasi-Peak detector

Ca - CISPR average detection

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11. SETUP PHOTOS

Please refer to 12696945-EP1V1 for setup photos

END OF TEST REPORT