

RADIATED EMISSIONS

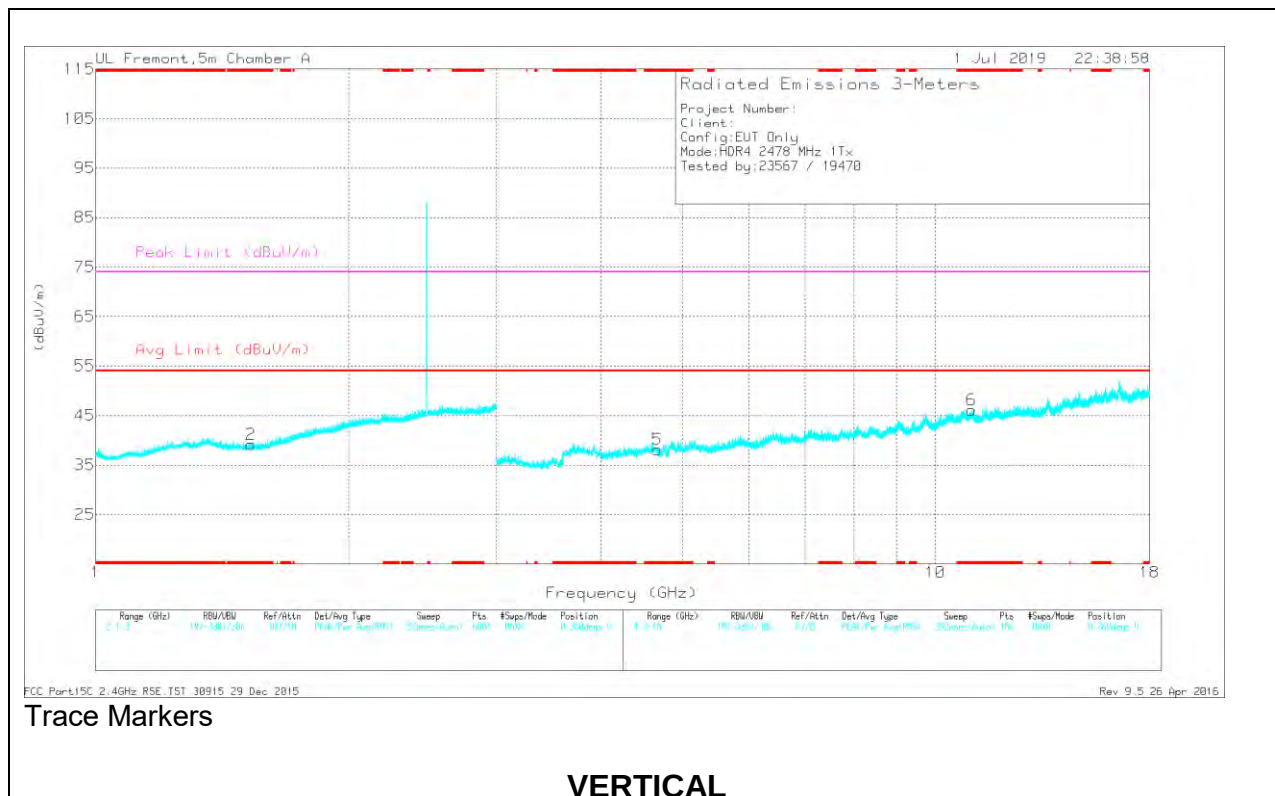
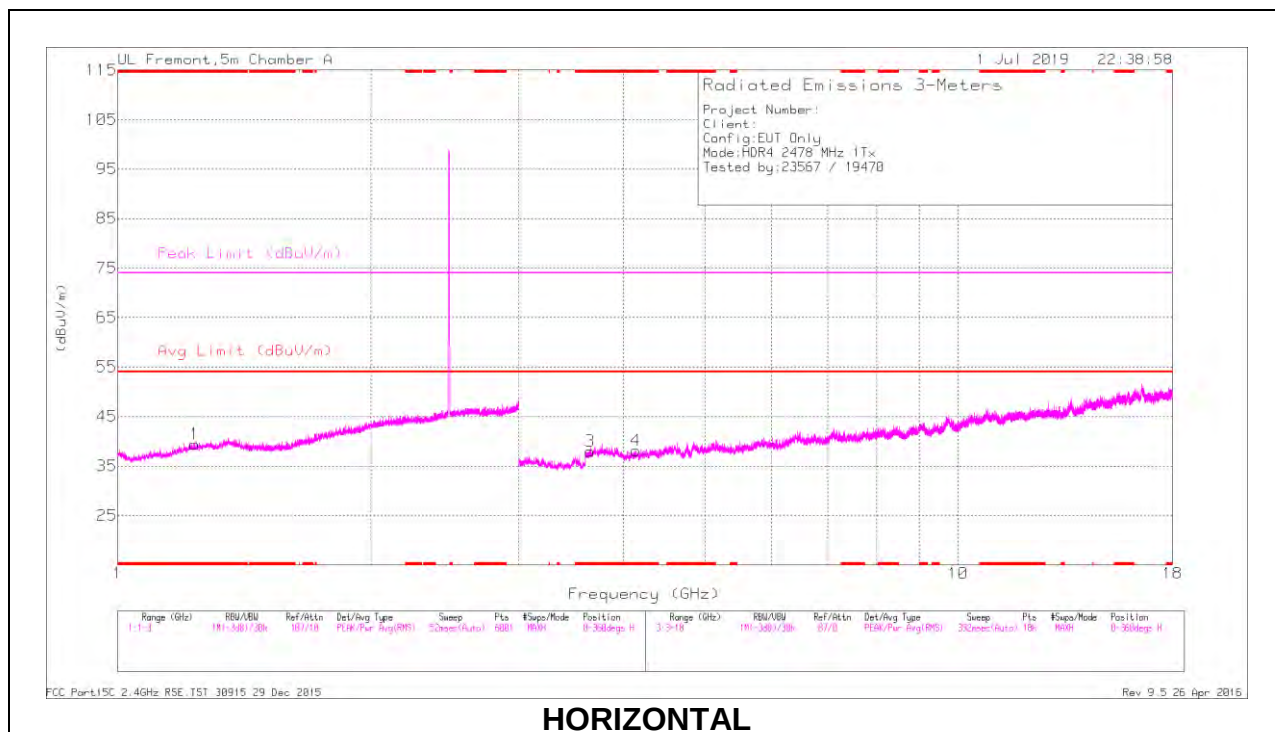
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.212	42.05	PK2	28.5	-24.6	45.95	-	-	74	-28.05	0	100	H
	* 1.21	31.47	MAv1	28.4	-24.6	35.27	54	-18.73	-	-	0	100	H
2	* 1.53	42.44	PK2	28.1	-24.1	46.44	-	-	74	-27.56	0	100	V
	* 1.529	31.41	MAv1	28.1	-24.1	35.41	54	-18.59	-	-	0	100	V
3	* 3.956	41.02	PK2	33.5	-28.3	46.22	-	-	74	-27.78	0	100	H
	* 3.955	29.09	MAv1	33.5	-28.3	34.29	54	-19.71	-	-	0	100	H
4	* 4.948	37.86	PK2	34.2	-27	45.06	-	-	74	-28.94	0	100	H
	* 4.949	28.35	MAv1	34.2	-27	35.55	54	-18.45	-	-	0	100	H
5	* 4.135	39.43	PK2	33.5	-28.1	44.83	-	-	74	-29.17	0	100	V
	* 4.134	28.96	MAv1	33.5	-28.2	34.26	54	-19.74	-	-	0	100	V
6	* 11.105	33.34	PK2	37.9	-19.1	52.14	-	-	74	-21.86	0	100	V
	* 11.105	23.41	MAv1	37.9	-19.1	42.21	54	-11.79	-	-	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



Trace Markers

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.233	42.19	PK2	28.8	-24.6	46.39	-	-	74	-27.61	0	101	H
	* 1.236	31.56	MAv1	28.8	-24.6	35.76	54	-18.24	-	-	0	101	H
2	* 1.528	41.7	PK2	28.1	-24.1	45.7	-	-	74	-28.3	0	101	V
	* 1.528	31.54	MAv1	28.1	-24.1	35.54	54	-18.46	-	-	0	101	V
3	* 3.652	39.71	PK2	33.2	-28.4	44.51	-	-	74	-29.49	0	101	H
	* 3.653	29.35	MAv1	33.2	-28.4	34.15	54	-19.85	-	-	0	101	H
4	* 4.141	39.24	PK2	33.4	-28.2	44.44	-	-	74	-29.56	0	101	H
	* 4.138	29.31	MAv1	33.5	-28.1	34.71	54	-19.29	-	-	0	101	H
5	* 4.669	38.88	PK2	34.2	-27.9	45.18	-	-	74	-28.82	0	101	V
	* 4.669	28.58	MAv1	34.2	-27.9	34.88	54	-19.12	-	-	0	101	V
6	* 11.053	33.57	PK2	37.9	-19.2	52.27	-	-	74	-21.73	0	101	V
	* 11.055	23.57	MAv1	37.9	-19.3	42.17	54	-11.83	-	-	0	101	V

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

PK2 - KDB558074 Method: Maximum Peak

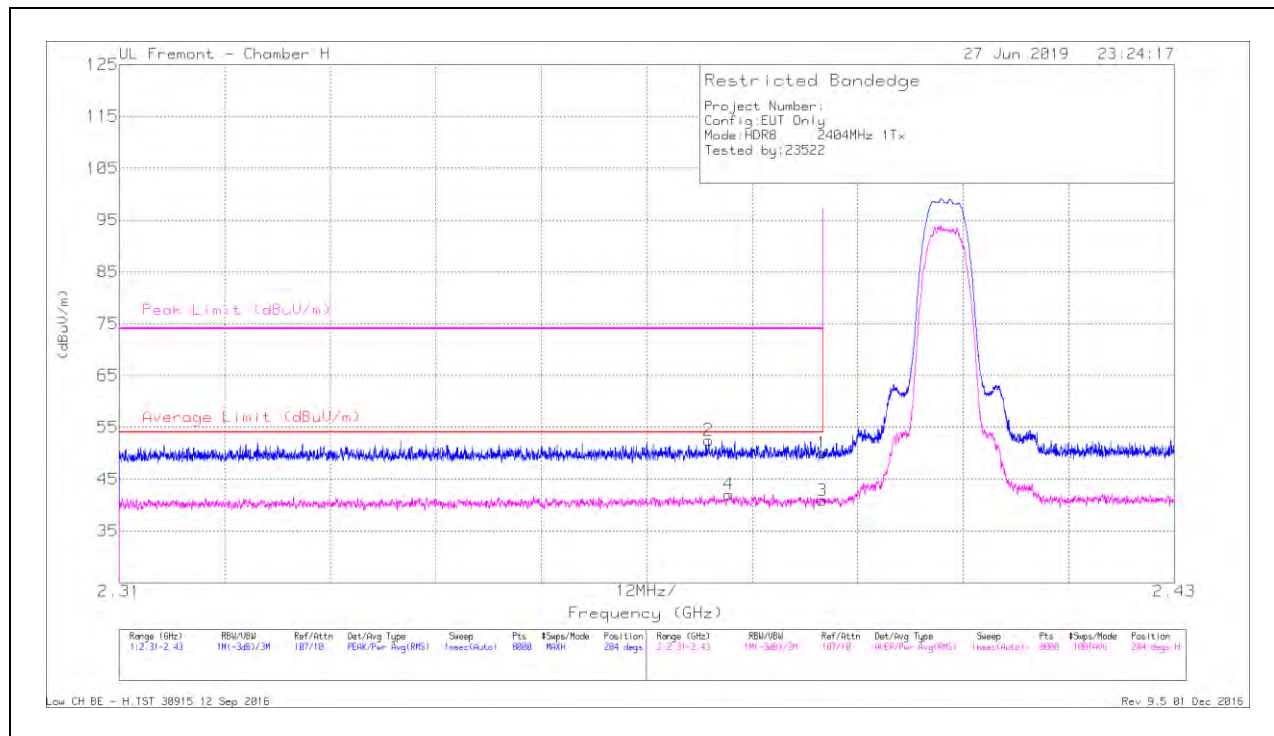
MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.4. LOW POWER HDR (HDR8)

Antenna 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



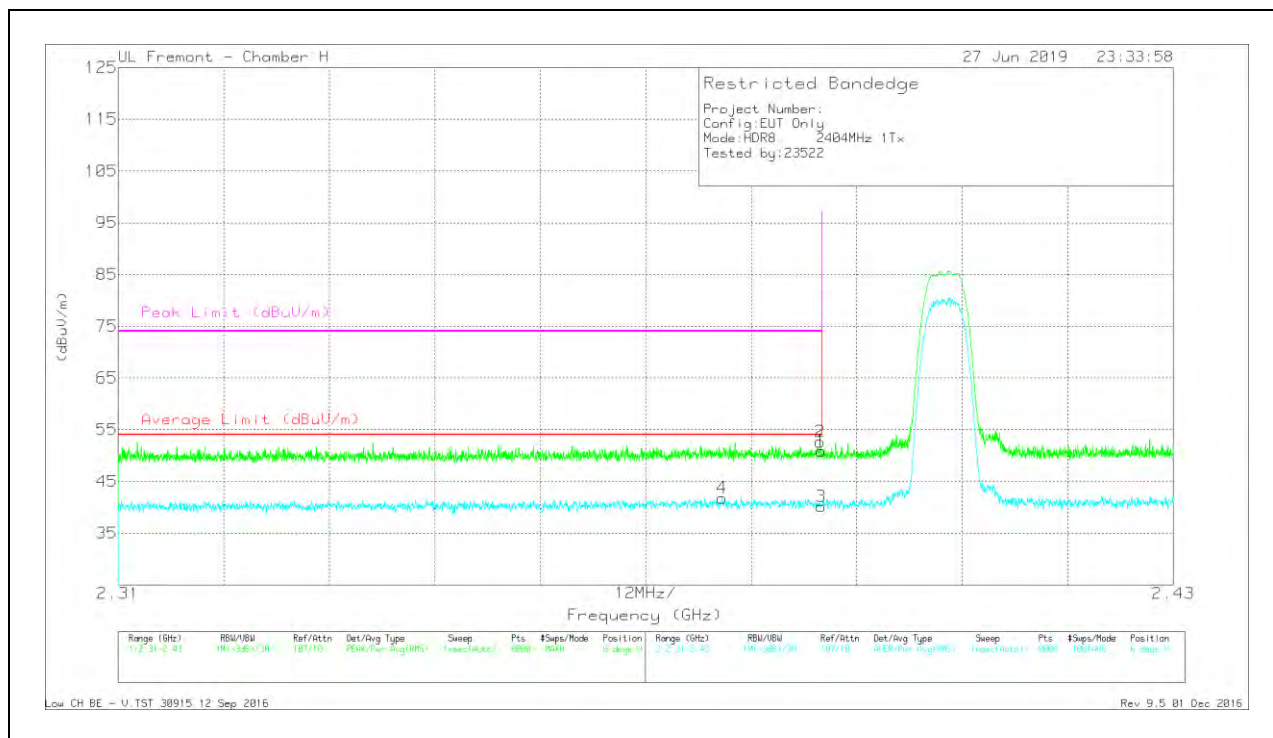
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fltr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.41	Pk	32.1	-23.5	50.01	-	-	74	-23.99	284	157	H
2	* 2.377	43.89	Pk	32.1	-23.5	52.49	-	-	74	-21.51	284	157	H
3	* 2.39	32.3	RMS	32.1	-23.5	40.9	54	-13.1	-	-	284	157	H
4	* 2.379	33.34	RMS	32.2	-23.5	42.04	54	-11.96	-	-	284	157	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	AFT863 (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
1	* 2.39	42.34	Pk	32.1	-23.5	50.94	-	-	74	-23.06	6	309	V
2	* 2.39	44.06	Pk	32.1	-23.5	52.66	-	-	74	-21.34	6	309	V
3	* 2.39	31.55	RMS	32.1	-23.5	40.15	54	-13.85	-	-	6	309	V
4	* 2.379	33.08	RMS	32.2	-23.5	41.78	54	-12.22	-	-	6	309	V

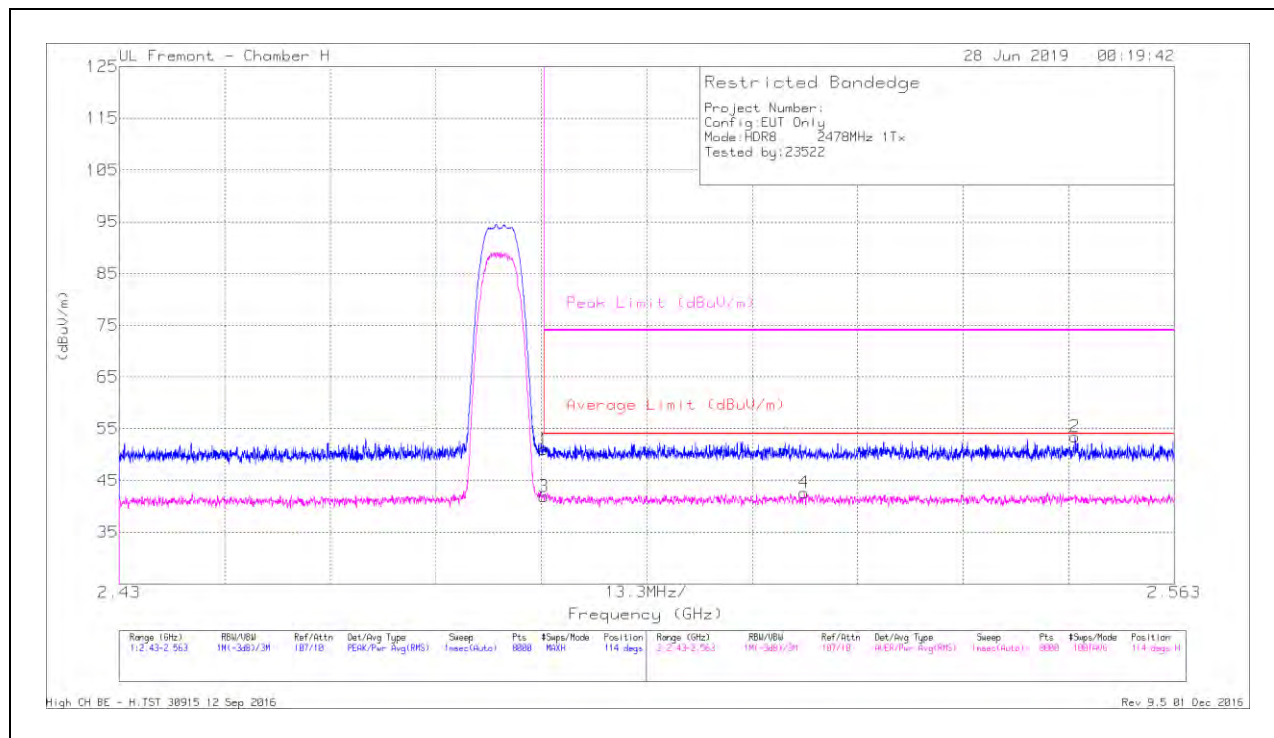
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



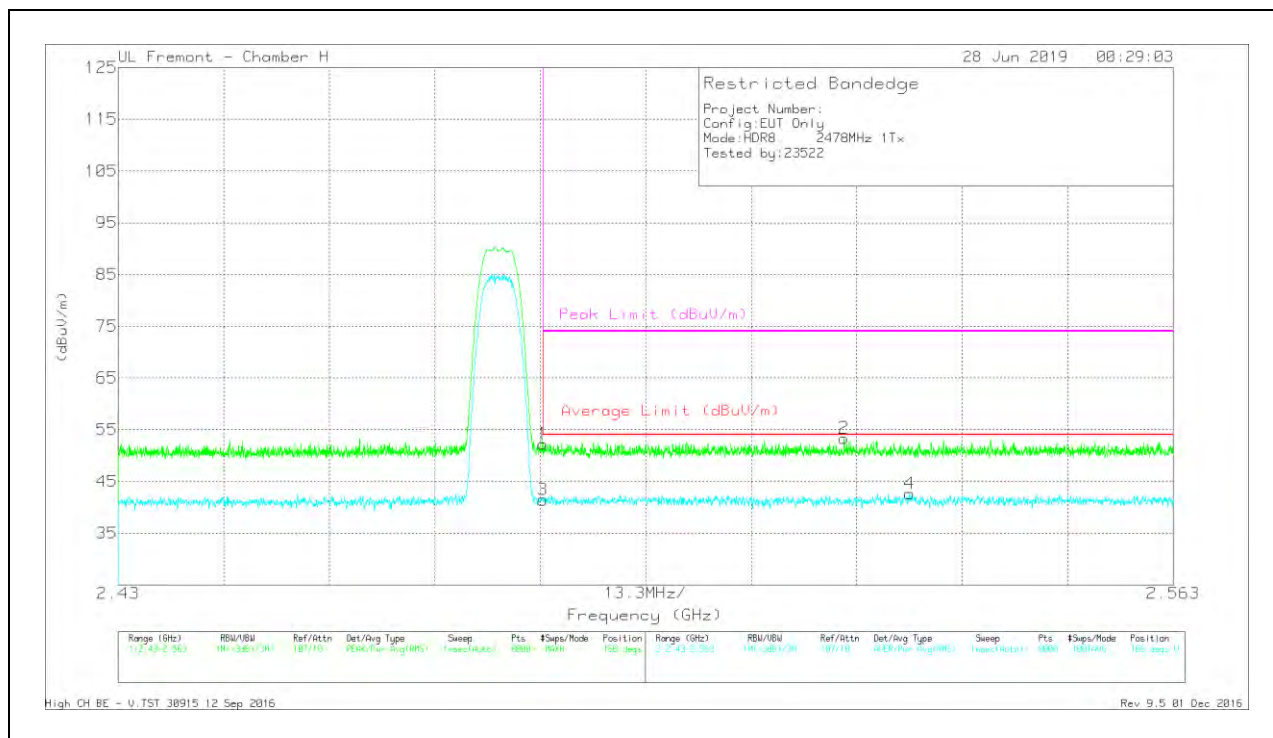
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.81	Pk	32.5	-23.3	51.01	-	-	74	-22.99	114	113	H
3	* 2.484	32.7	RMS	32.5	-23.3	41.9	54	-12.1	-	-	114	113	H
4	2.516	33.25	RMS	32.6	-23.2	42.65	54	-11.35	-	-	114	113	H
2	2.55	44.07	Pk	32.5	-23.1	53.47	-	-	74	-20.53	114	113	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/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
1	* 2.484	43.04	Pk	32.5	-23.3	52.24	-	-	74	-21.76	166	370	V
3	* 2.484	32.26	RMS	32.5	-23.3	41.46	54	-12.54	-	-	166	370	V
2	2.521	43.96	Pk	32.6	-23.2	53.36	-	-	74	-20.64	166	370	V
4	2.53	33.25	RMS	32.6	-23.2	42.65	54	-11.35	-	-	166	370	V

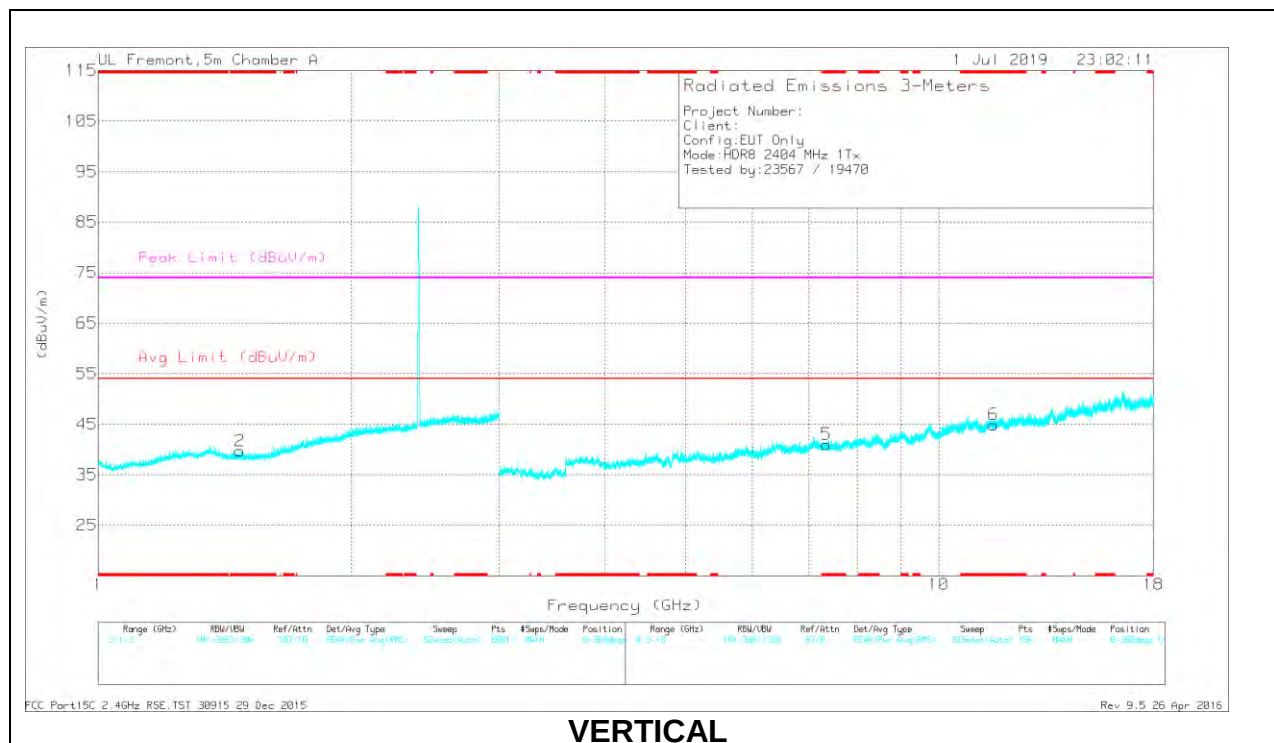
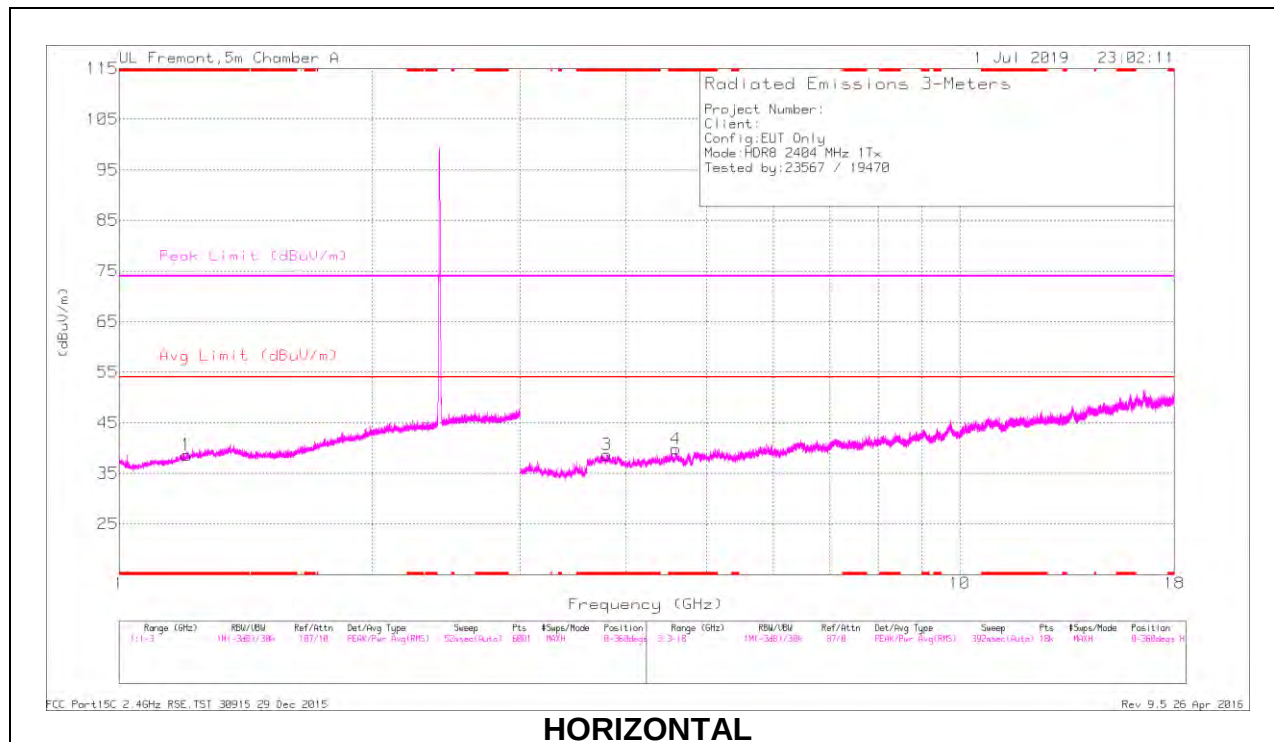
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

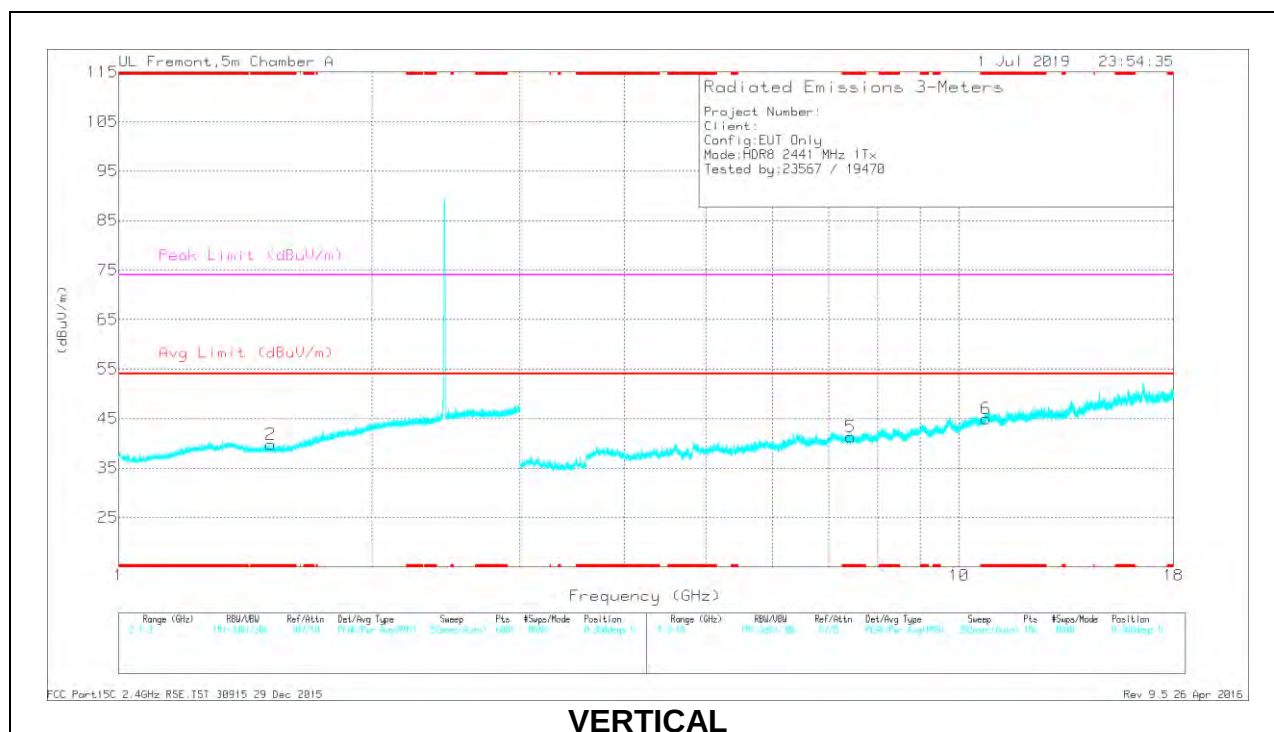
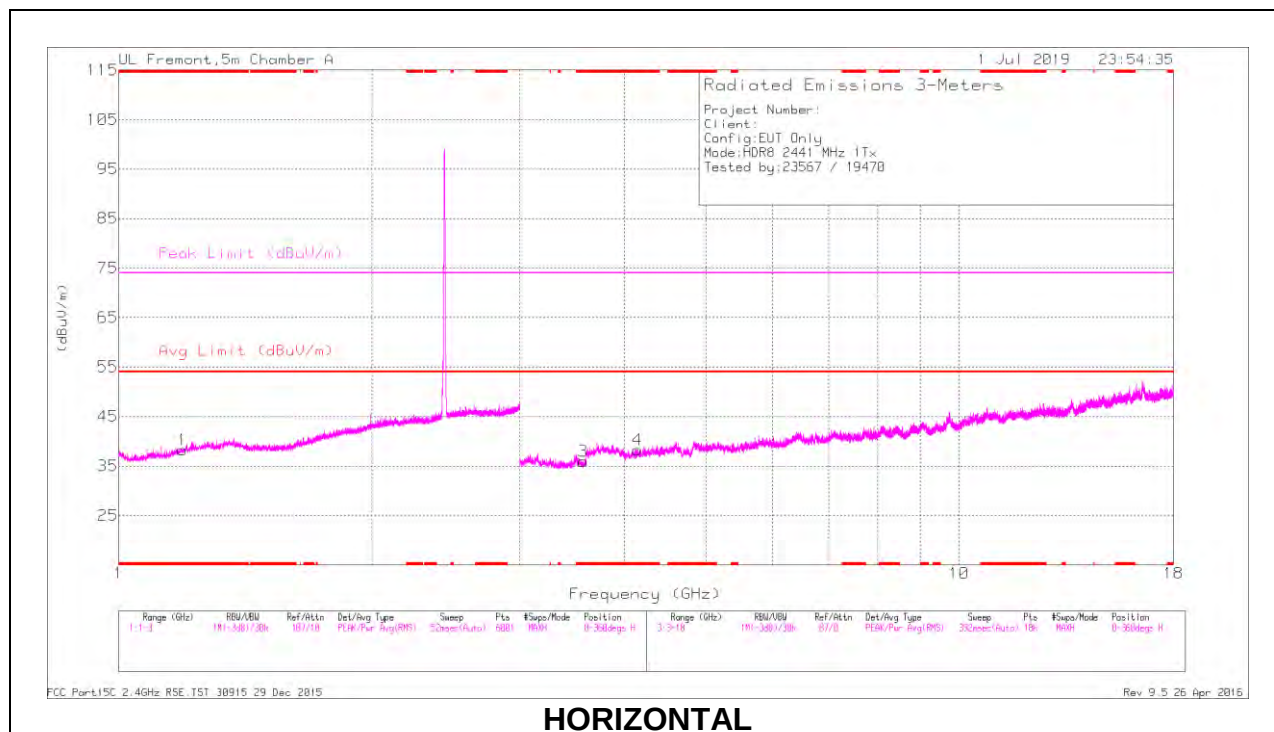
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.203	41.97	PK2	28.5	-24.6	45.87	-	-	74	-28.13	0	101	H
	* 1.201	31.47	MAv1	28.5	-24.6	35.37	54	-18.63	-	-	0	101	H
2	* 1.475	42.69	PK2	28.4	-24.3	46.79	-	-	74	-27.21	0	101	V
	* 1.474	31.4	MAv1	28.4	-24.3	35.5	54	-18.5	-	-	0	101	V
3	* 3.805	39.54	PK2	33.7	-28.5	44.74	-	-	74	-29.26	0	101	H
	* 3.802	29.62	MAv1	33.7	-28.5	34.82	54	-19.18	-	-	0	101	H
4	* 4.595	38.95	PK2	34.3	-27.4	45.85	-	-	74	-28.15	0	101	H
	* 4.593	28.91	MAv1	34.3	-27.4	35.81	54	-18.19	-	-	0	101	H
5	* 7.354	35.09	PK2	35.7	-23.3	47.49	-	-	74	-26.51	0	101	V
	* 7.356	25.09	MAv1	35.7	-23.2	37.59	54	-16.41	-	-	0	101	V
6	* 11.62	33.62	PK2	38.2	-19.6	52.22	-	-	74	-21.78	0	101	V
	* 11.617	23.54	MAv1	38.2	-19.6	42.14	54	-11.86	-	-	0	101	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



RADIATED EMISSIONS

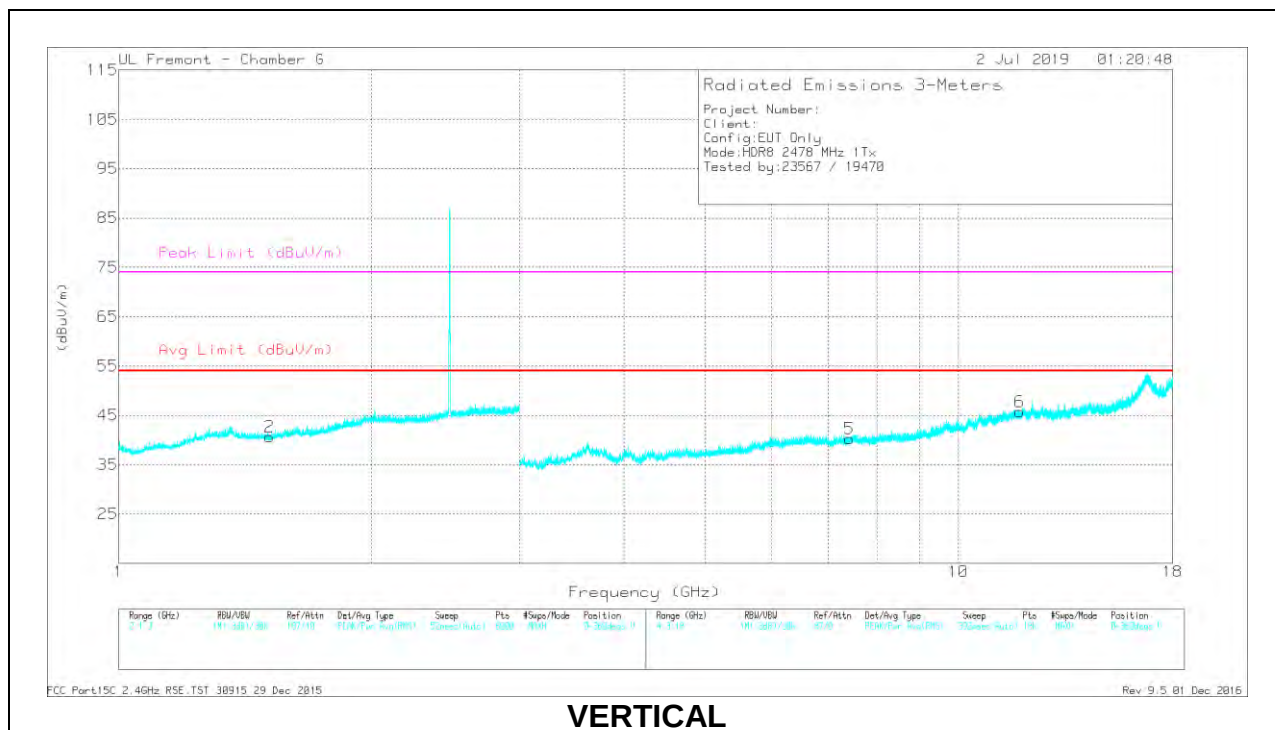
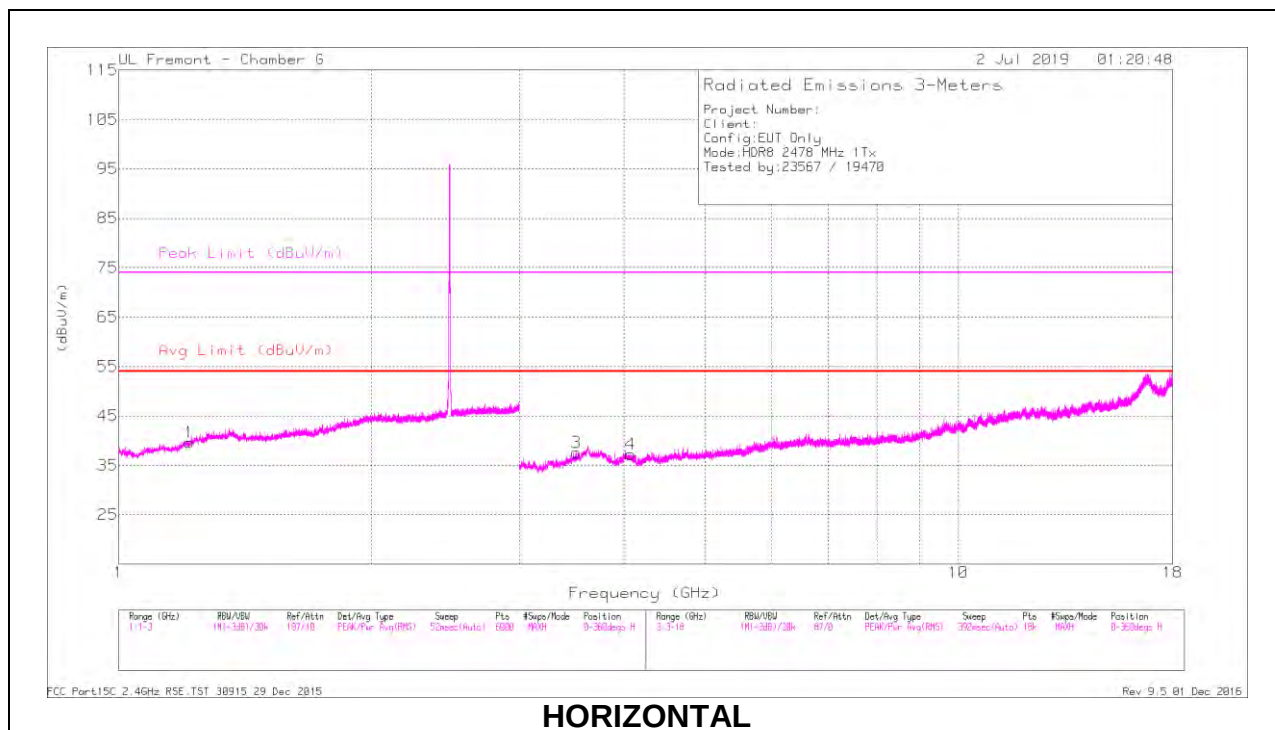
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.193	42.7	PK2	28.2	-24.7	46.2	-	-	74	-27.8	0	199	H
	* 1.192	31.48	MAv1	28.2	-24.7	34.98	54	-19.02	-	-	0	199	H
2	* 1.518	42.57	PK2	28.2	-24.2	46.57	-	-	74	-27.43	0	199	V
	* 1.518	31.38	MAv1	28.2	-24.2	35.38	54	-18.62	-	-	0	199	V
3	* 3.574	39.25	PK2	33.1	-28.9	43.45	-	-	74	-30.55	0	102	H
	* 3.572	28.56	MAv1	33.1	-28.9	32.76	54	-21.24	-	-	0	102	H
4	* 4.141	40.27	PK2	33.4	-28.2	45.47	-	-	74	-28.53	0	199	H
	* 4.142	29.1	MAv1	33.4	-28.2	34.3	54	-19.7	-	-	0	199	H
5	* 7.433	34.96	PK2	35.7	-22.5	48.16	-	-	74	-25.84	0	102	V
	* 7.435	24.63	MAv1	35.8	-22.4	38.03	54	-15.97	-	-	0	102	V
6	* 10.773	33.42	PK2	38	-19.1	52.32	-	-	74	-21.68	0	199	V
	* 10.774	23.29	MAv1	37.9	-19.1	42.09	54	-11.91	-	-	0	199	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 1.212	42.57	PK2	28.7	-23.7	47.57	-	-	74	-26.43	360	102	H
	* 1.214	30.79	MAv1	28.8	-23.7	35.89	54	-18.11	-	-	360	102	H
2	* 1.51	43.4	PK2	27.8	-21.9	49.3	-	-	74	-24.7	360	201	V
	* 1.511	31.54	MAv1	27.8	-21.9	37.44	54	-16.56	-	-	360	201	V
3	* 3.508	39.72	PK2	34.7	-30.4	44.02	-	-	74	-29.98	360	102	H
	* 3.505	28.01	MAv1	34.7	-30.3	32.41	54	-21.59	-	-	360	102	H
4	* 4.072	40.06	PK2	33.7	-29.4	44.36	-	-	74	-29.64	360	202	H
	* 4.07	29.16	MAv1	33.7	-29.4	33.46	54	-20.54	-	-	360	202	H
5	* 7.421	39.51	PK2	36	-28	47.51	-	-	74	-26.49	360	202	V
	* 7.422	28.43	MAv1	36	-28	36.43	54	-17.57	-	-	360	202	V
6	* 11.841	36.43	PK2	39.4	-23.1	52.73	-	-	74	-21.27	360	202	V
	* 11.841	25.46	MAv1	39.4	-23.1	41.76	54	-12.24	-	-	360	202	V

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

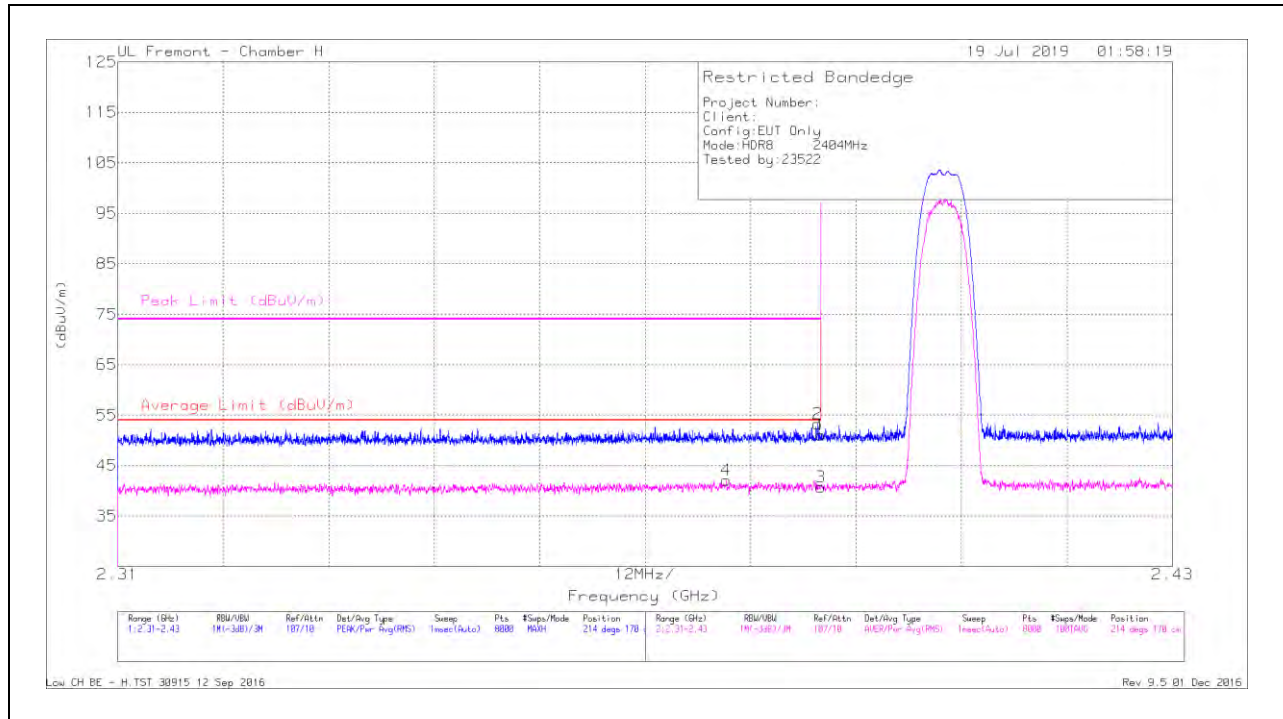
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

Antenna 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



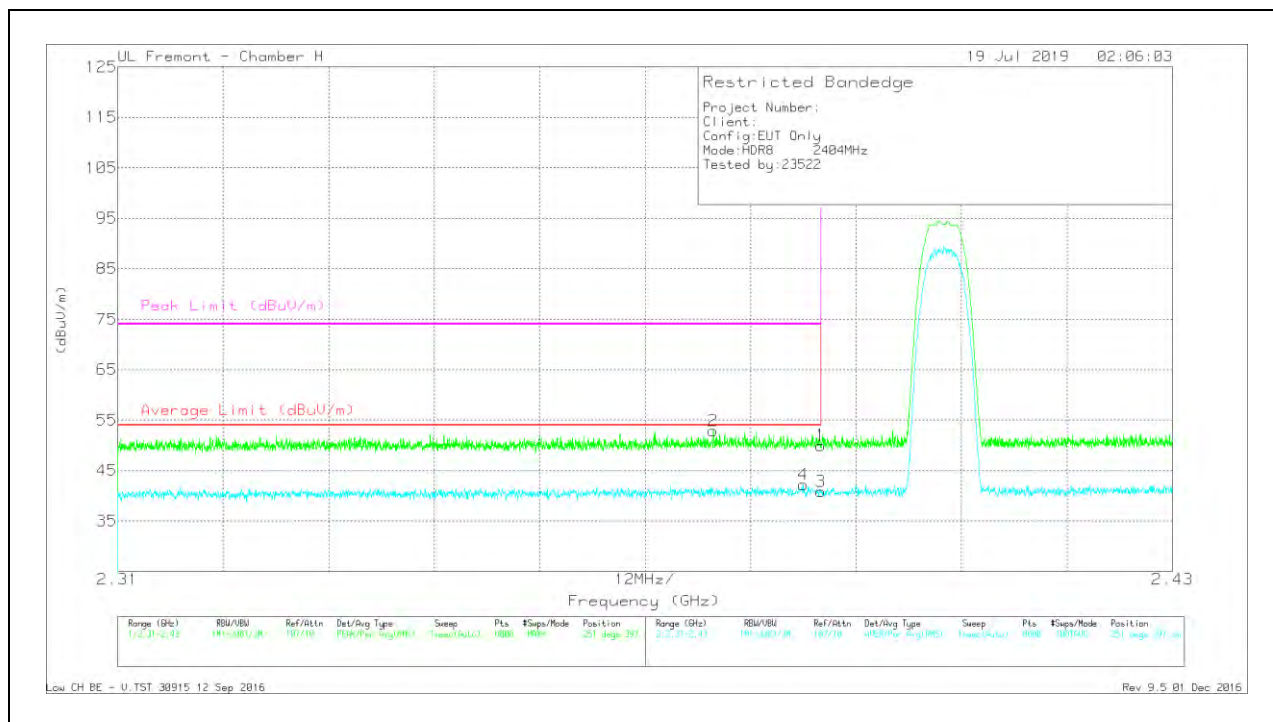
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.41	Pk	32.1	-23.5	51.01	-	-	74	-22.99	214	170	H
2	* 2.39	44.68	Pk	32.1	-23.5	53.28	-	-	74	-20.72	214	170	H
3	* 2.39	32.18	RMS	32.1	-23.5	40.78	54	-13.22	-	-	214	170	H
4	* 2.379	33.41	RMS	32.2	-23.5	42.11	54	-11.89	-	-	214	170	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT863 (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	* 2.39	41.38	Pk	32.1	-23.5	49.98	-	-	74	-24.02	251	397	V
2	* 2.378	44.16	Pk	32.2	-23.5	52.86	-	-	74	-21.14	251	397	V
3	* 2.39	32.21	RMS	32.1	-23.5	40.81	54	-13.19	-	-	251	397	V
4	* 2.388	33.57	RMS	32.1	-23.5	42.17	54	-11.83	-	-	251	397	V

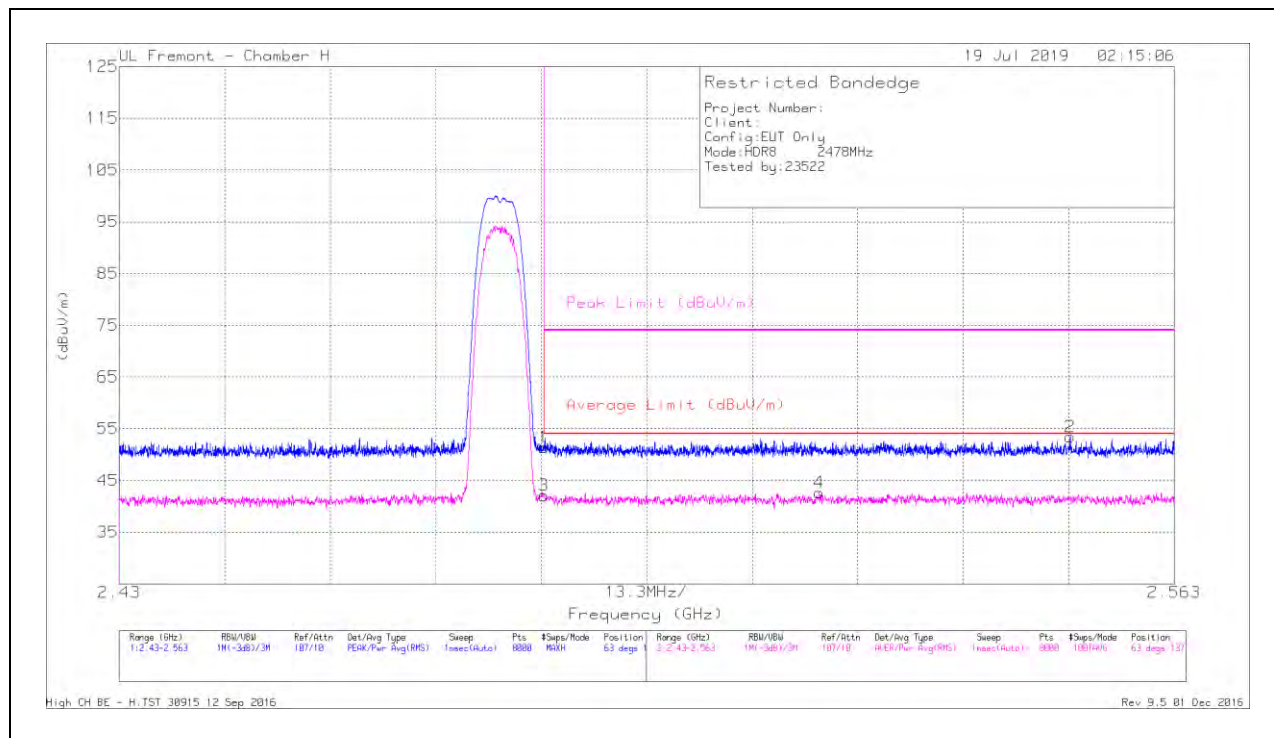
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



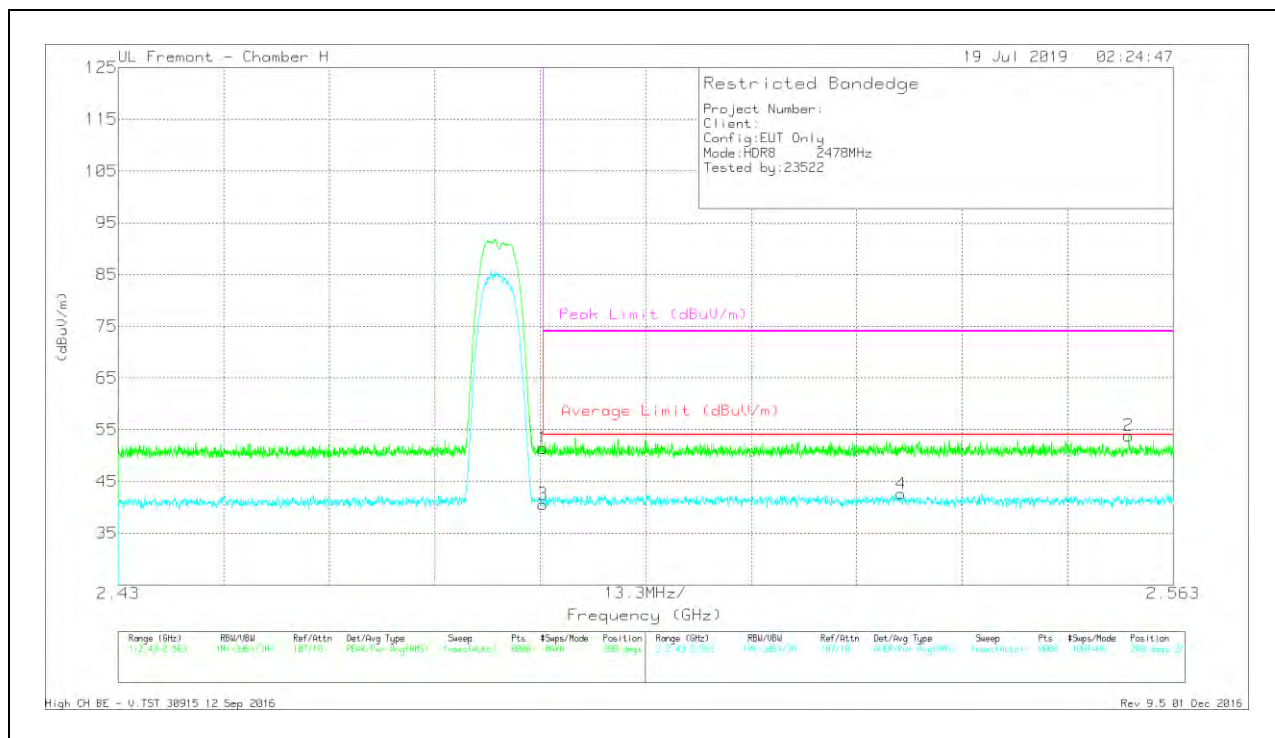
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.16	Pk	32.5	-23.3	51.36	-	-	74	-22.64	63	137	H
3	* 2.484	32.87	RMS	32.5	-23.3	42.07	54	-11.93	-	-	63	137	H
4	2.518	33.22	RMS	32.6	-23.2	42.62	54	-11.38	-	-	63	137	H
2	2.55	44.01	Pk	32.5	-23.1	53.41	-	-	74	-20.59	63	137	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/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	42.25	Pk	32.5	-23.3	51.45	-	-	74	-22.55	280	371	V
3	* 2.484	31.38	RMS	32.5	-23.3	40.58	54	-13.42	-	-	280	371	V
4	2.529	33.21	RMS	32.6	-23.2	42.61	54	-11.39	-	-	280	371	V
2	2.557	44.66	Pk	32.4	-23.2	53.86	-	-	74	-20.14	280	371	V

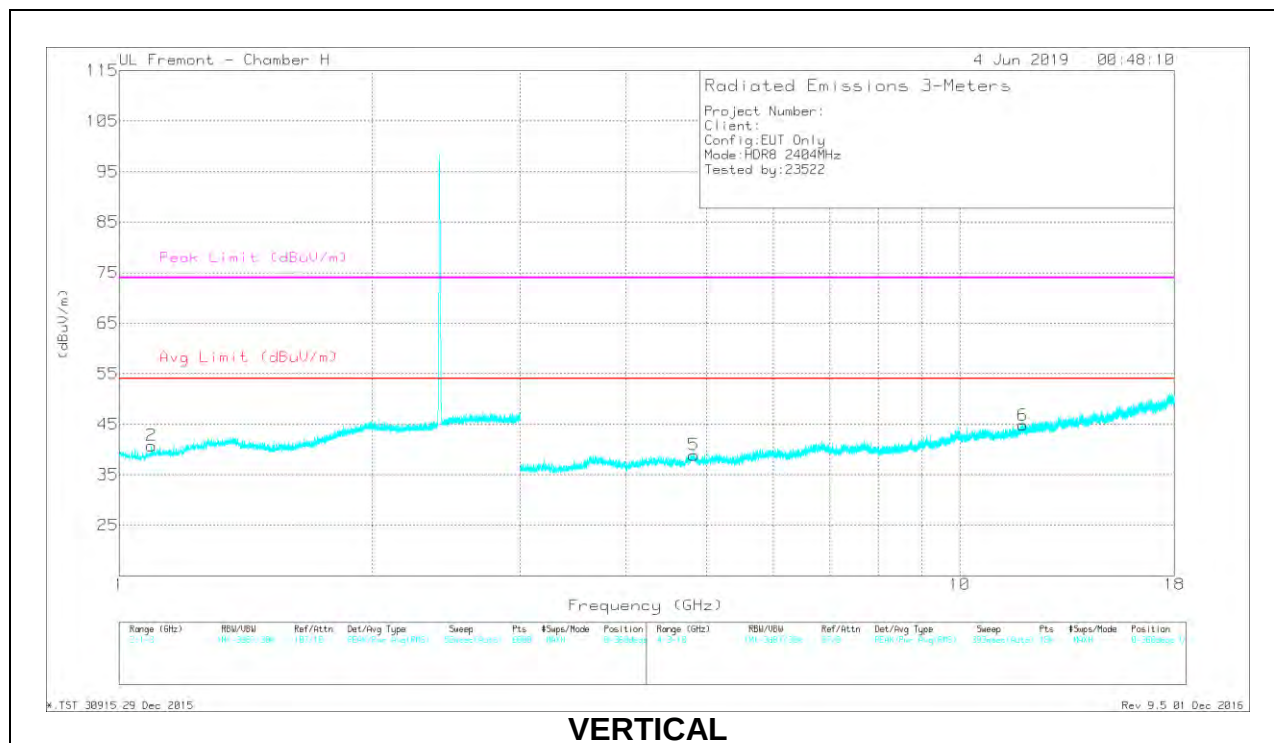
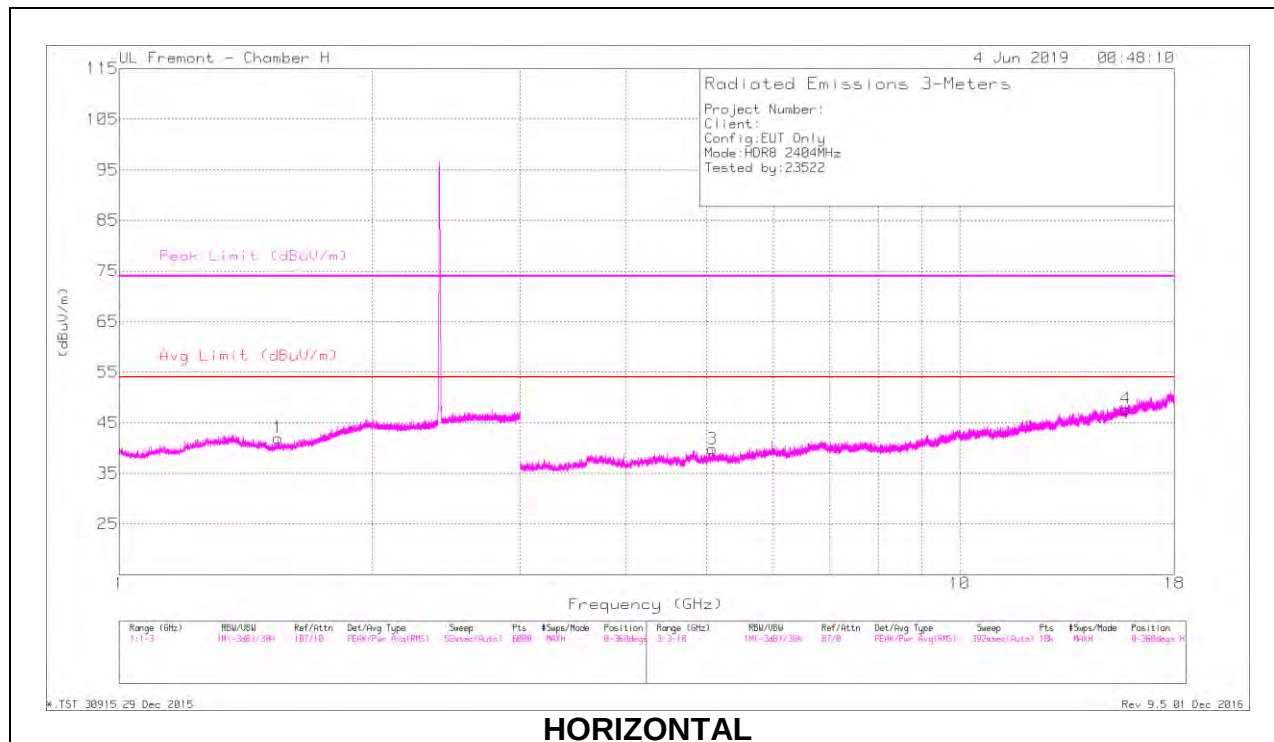
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

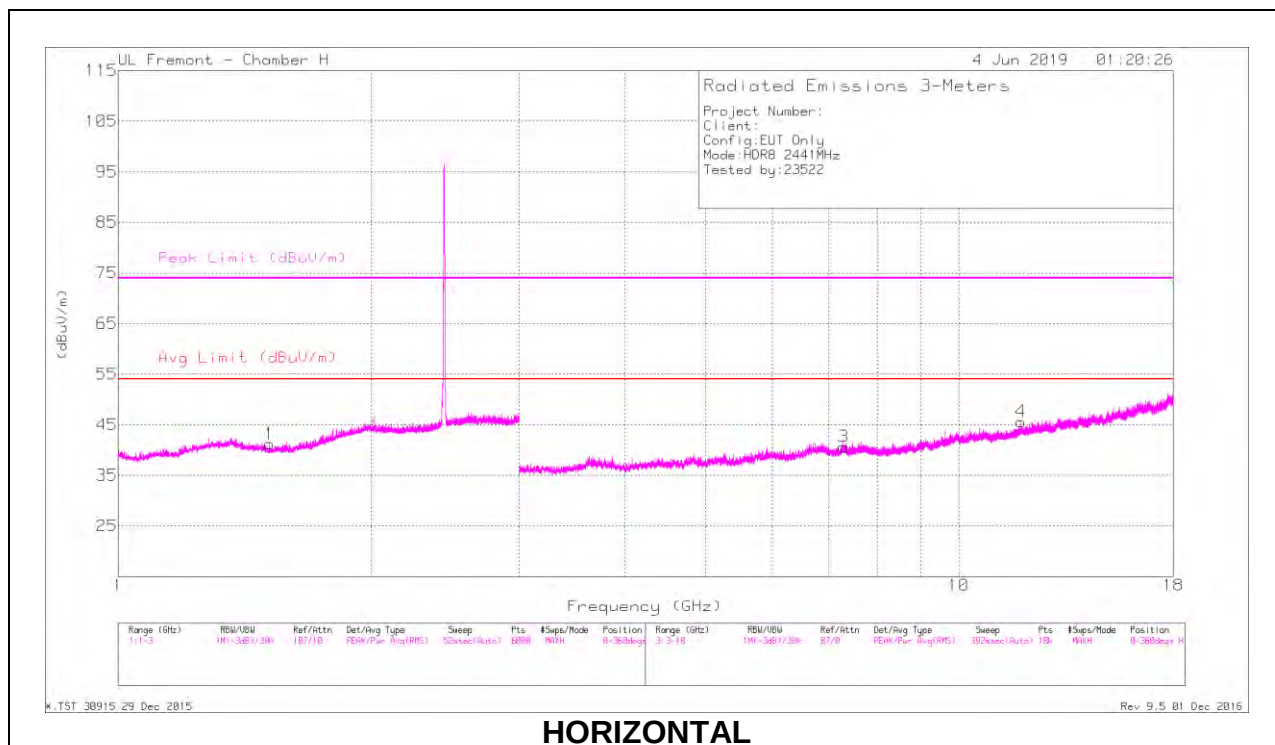
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.545	44.74	PK2	28.1	-24.7	48.14	-	-	74	-25.86	249	113	H
	* 1.544	33.24	MAv1	28.1	-24.8	36.54	54	-17.46	-	-	249	113	H
2	* 1.093	45.45	PK2	27.4	-25.8	47.05	-	-	74	-26.95	57	137	V
	* 1.093	33.77	MAv1	27.4	-25.8	35.37	54	-18.63	-	-	57	137	V
3	* 5.076	41.19	PK2	34.4	-29.4	46.19	-	-	74	-27.81	182	266	H
	* 5.077	30.02	MAv1	34.4	-29.4	35.02	54	-18.98	-	-	182	266	H
4	* 15.76	36.32	PK2	40.6	-22.2	54.72	-	-	74	-19.28	353	302	H
	* 15.761	25.06	MAv1	40.6	-22.2	43.46	54	-10.54	-	-	353	302	H
5	* 4.828	41.78	PK2	34.1	-30.3	45.58	-	-	74	-28.42	4	350	V
	* 4.827	30.75	MAv1	34.1	-30.3	34.55	54	-19.45	-	-	4	350	V
6	* 11.88	36.41	PK2	38.7	-22.7	52.41	-	-	74	-21.59	326	259	V
	* 11.878	24.73	MAv1	38.7	-22.7	40.73	54	-13.27	-	-	326	259	V

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

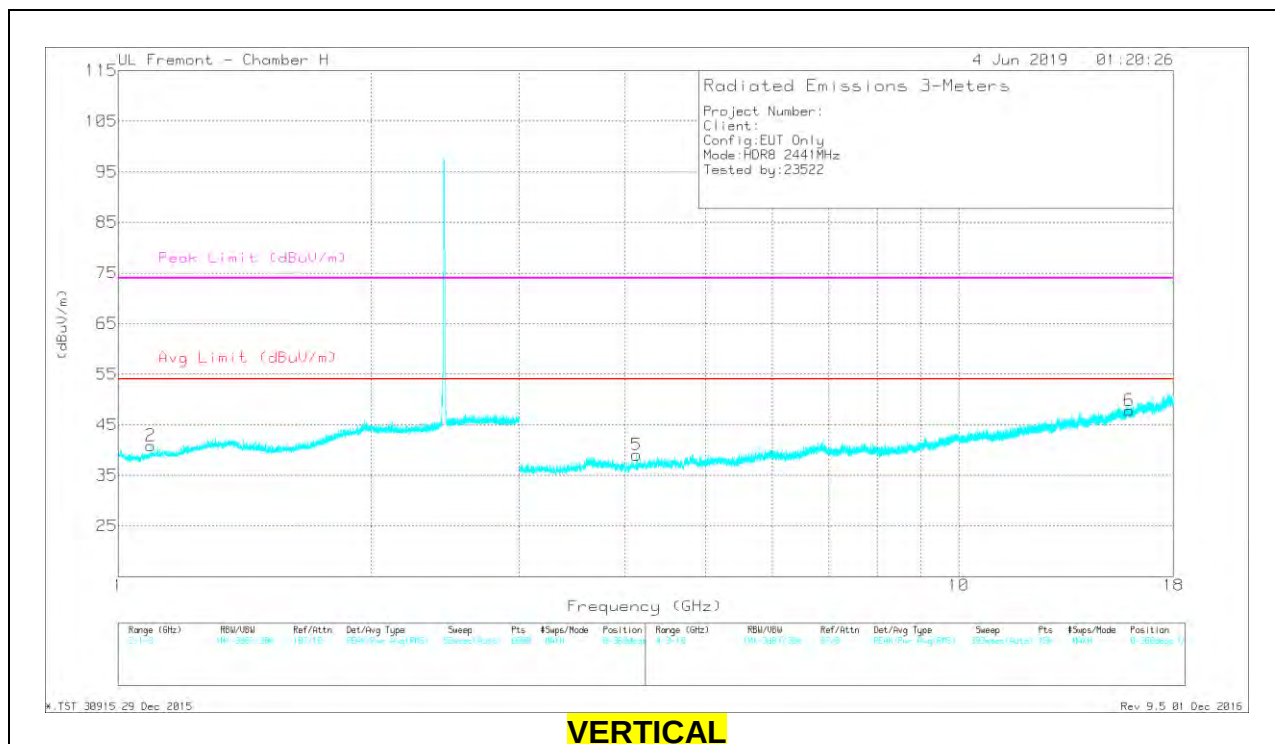
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

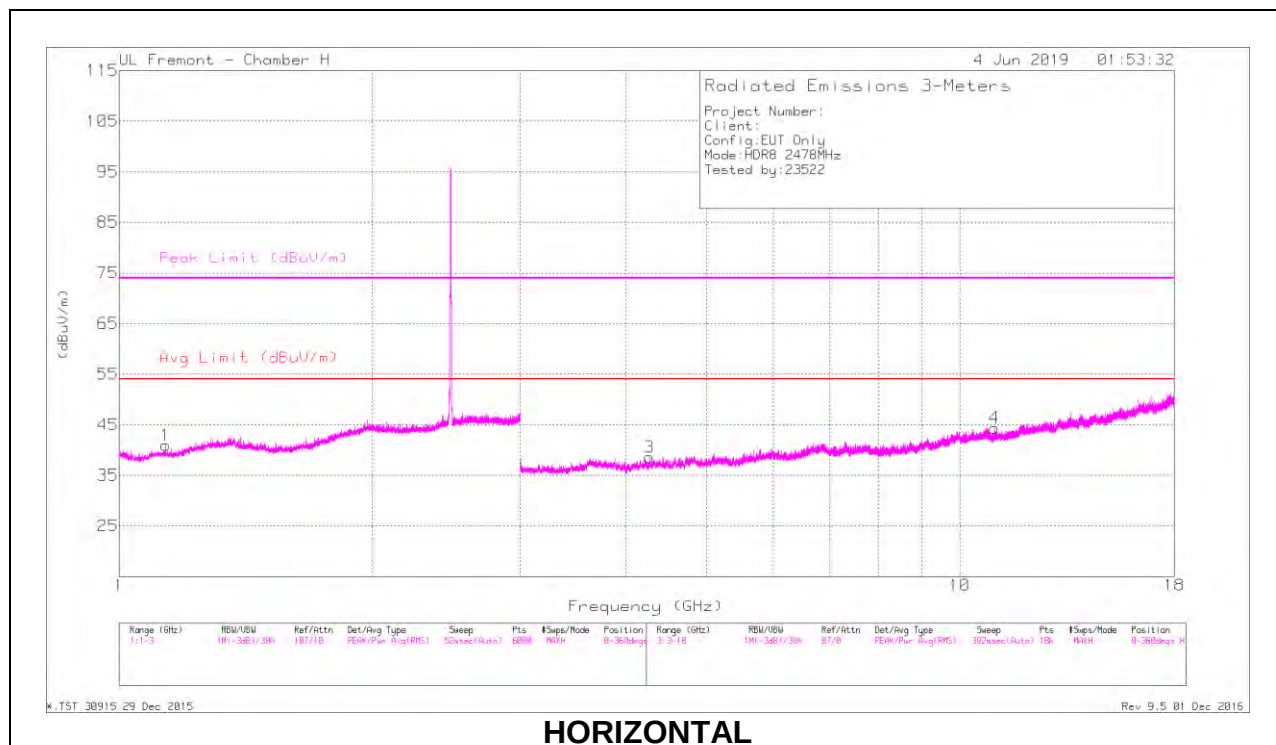
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.515	44.76	PK2	27.9	-24.8	47.86	-	-	74	-26.14	356	175	H
	* 1.513	33.2	MAv1	27.9	-24.8	36.3	54	-17.7	-	-	356	175	H
2	* 1.094	45.7	PK2	27.4	-25.8	47.3	-	-	74	-26.7	239	220	V
	* 1.094	33.89	MAv1	27.4	-25.8	35.49	54	-18.51	-	-	239	220	V
3	* 7.293	38.33	PK2	36.4	-26.8	47.93	-	-	74	-26.07	114	262	H
	* 7.293	27.21	MAv1	36.4	-26.8	36.81	54	-17.19	-	-	114	262	H
4	* 11.869	35.81	PK2	38.7	-22.7	51.81	-	-	74	-22.19	288	314	H
	* 11.871	24.79	MAv1	38.7	-22.7	40.79	54	-13.21	-	-	288	314	H
5	* 4.136	42.05	PK2	33.1	-30.8	44.35	-	-	74	-29.65	34	342	V
	* 4.138	30.92	MAv1	33.1	-30.8	33.22	54	-20.78	-	-	34	342	V
6	* 15.944	36.33	PK2	40.8	-21.6	55.53	-	-	74	-18.47	173	153	V
	* 15.944	24.74	MAv1	40.8	-21.6	43.94	54	-10.06	-	-	173	153	V

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

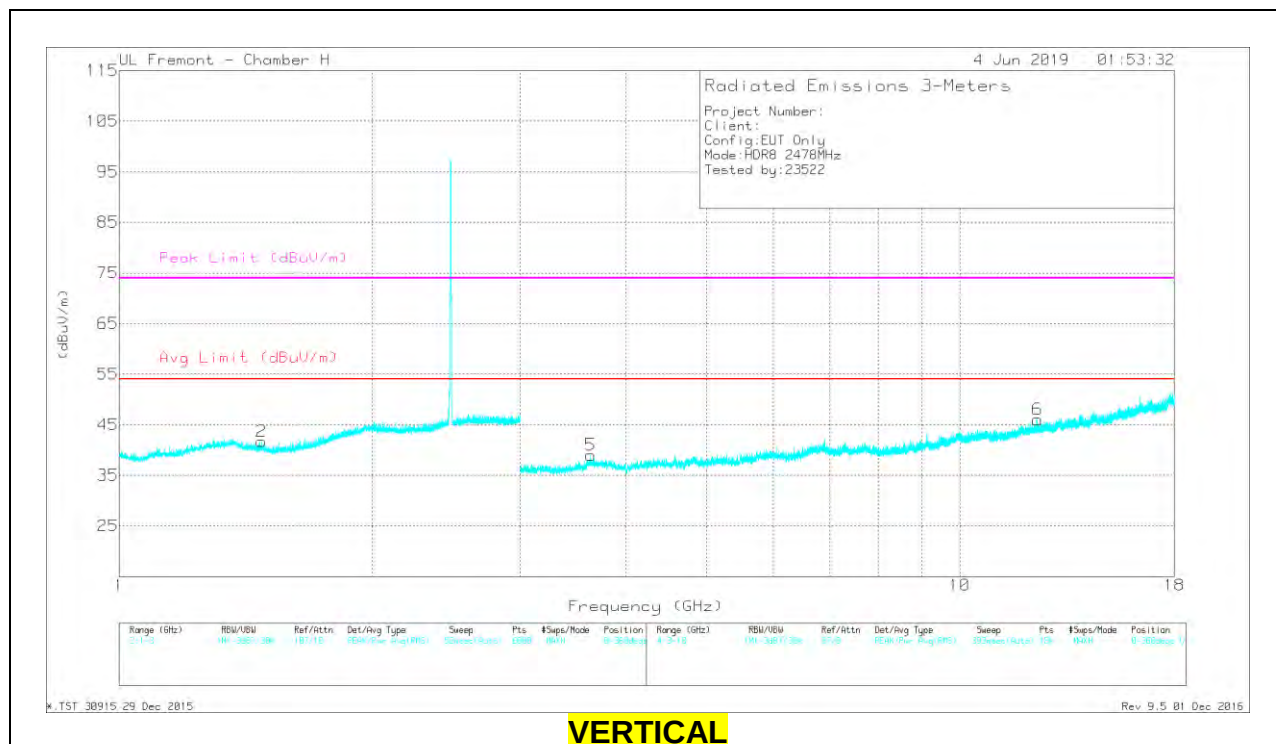
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.134	45.24	PK2	27.6	-25.7	47.14	-	-	74	-26.86	12	114	H
	* 1.135	33.63	MAv1	27.6	-25.7	35.53	54	-18.47	-	-	12	114	H
2	* 1.476	45.22	PK2	28.4	-24.9	48.72	-	-	74	-25.28	163	159	V
	* 1.474	33.31	MAv1	28.4	-24.9	36.81	54	-17.19	-	-	163	159	V
3	* 4.276	40.98	PK2	33.7	-30.1	44.58	-	-	74	-29.42	298	208	H
	* 4.273	30.15	MAv1	33.6	-30.1	33.65	54	-20.35	-	-	298	208	H
4	* 11	36.56	PK2	37.8	-23.5	50.86	-	-	74	-23.14	347	277	H
	* 10.999	25.04	MAv1	37.8	-23.5	39.34	54	-14.66	-	-	347	277	H
5	* 3.638	40.72	PK2	33.1	-29.5	44.32	-	-	74	-29.68	105	332	V
	* 3.638	29.85	MAv1	33.1	-29.5	33.45	54	-20.55	-	-	105	332	V
6	* 12.373	36.35	PK2	39.1	-23.4	52.05	-	-	74	-21.95	236	382	V
	* 12.376	25	MAv1	39.1	-23.4	40.7	54	-13.3	-	-	236	382	V

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

PK2 - KDB558074 Method: Maximum Peak

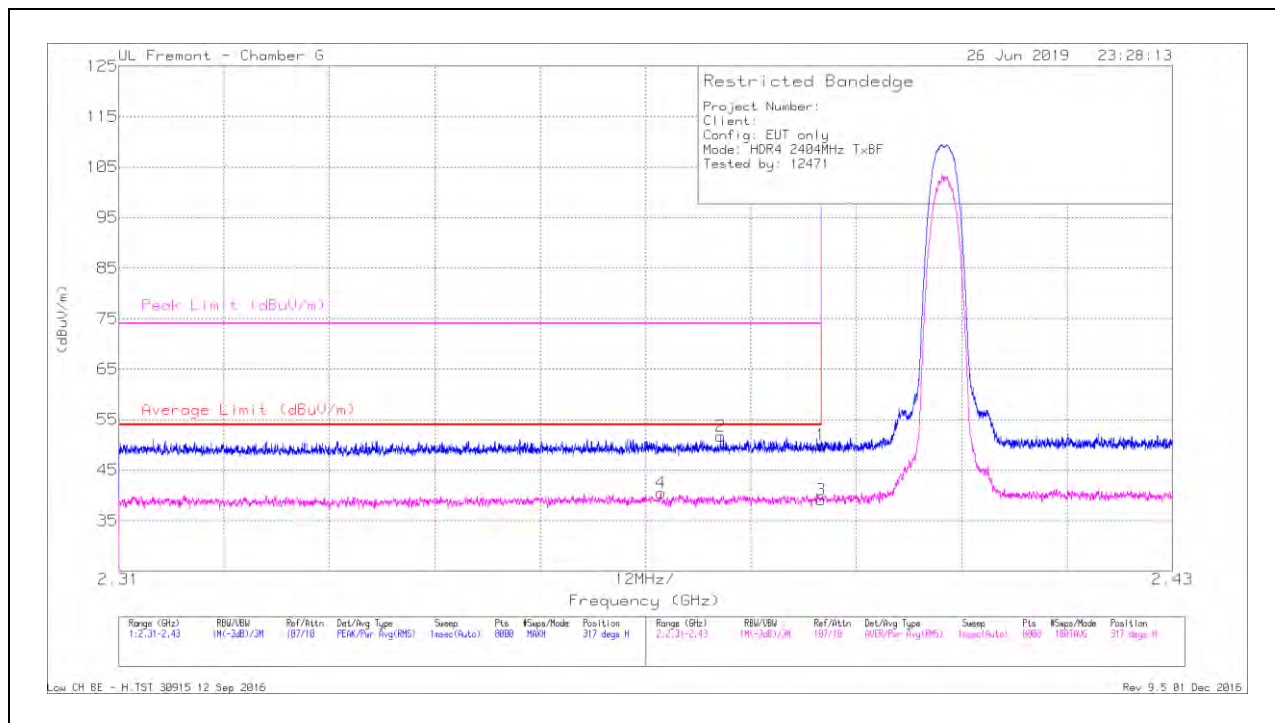
MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.5. BEAMFORMING HIGH POWER HDR (HDR4)

Antenna 4 + Antenna 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



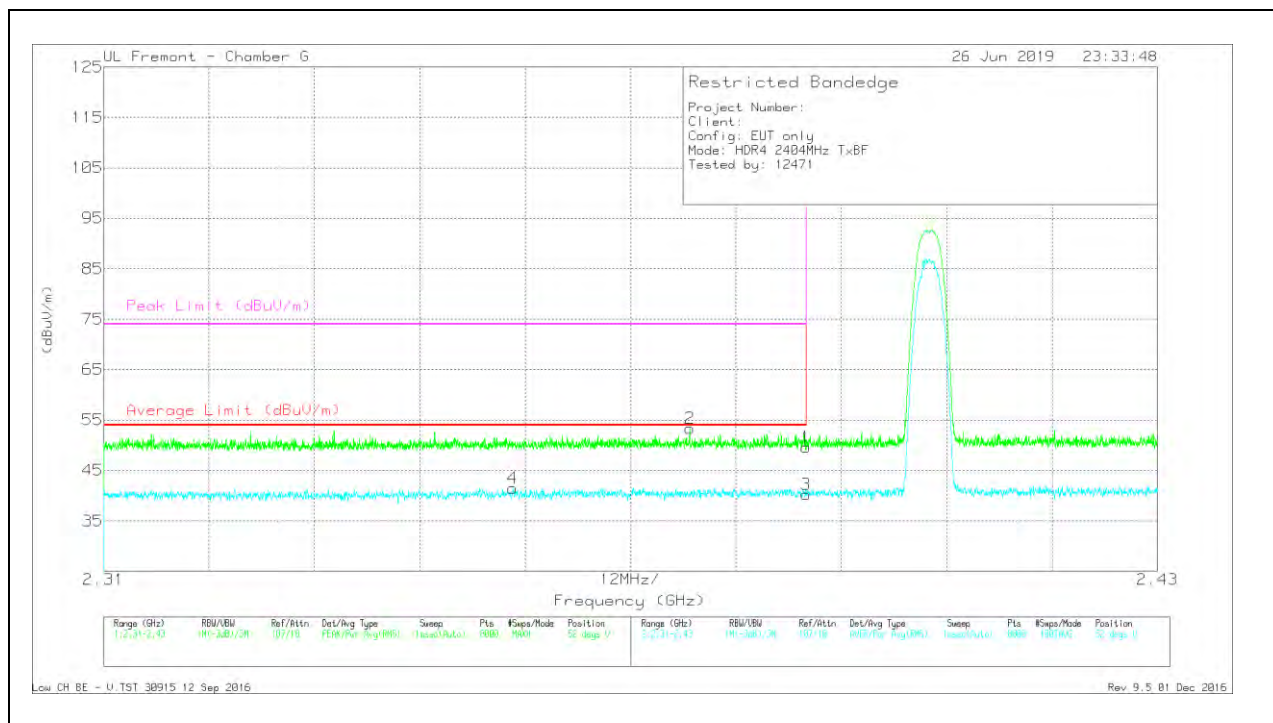
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	40.27	Pk	31.9	-22.2	49.97	-	-	74	-24.03	317	151	H
2	* 2.379	42.09	Pk	31.8	-22.2	51.69	-	-	74	-22.31	317	151	H
3	* 2.39	29.47	RMS	31.9	-22.2	39.17	54	-14.83	-	-	317	151	H
4	* 2.372	30.88	RMS	31.8	-22.2	40.48	54	-13.52	-	-	317	151	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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
1	* 2.39	39.93	Pk	31.9	-22.2	49.63	-	-	74	-24.37	52	146	V
2	* 2.377	43.73	Pk	31.8	-22.2	53.33	-	-	74	-20.67	52	146	V
3	* 2.39	30.53	RMS	31.9	-22.2	40.23	54	-13.77	-	-	52	146	V
4	* 2.357	32.01	RMS	31.7	-22.2	41.51	54	-12.49	-	-	52	146	V

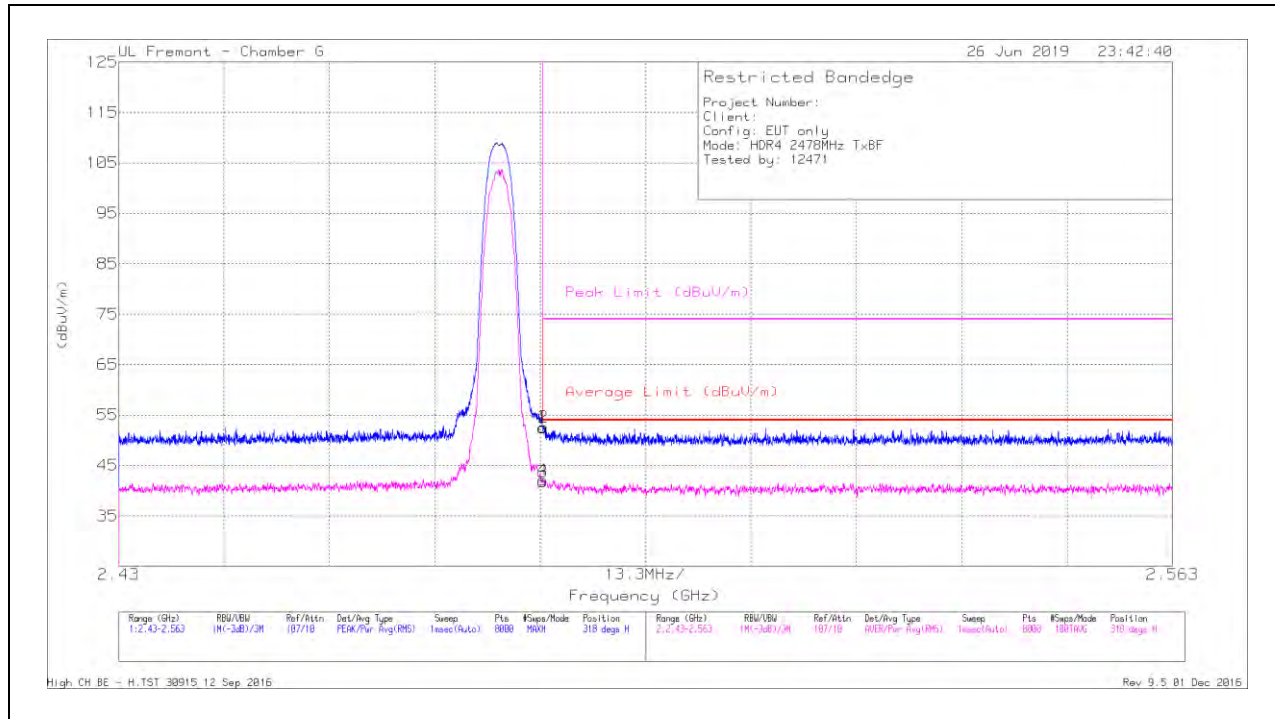
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



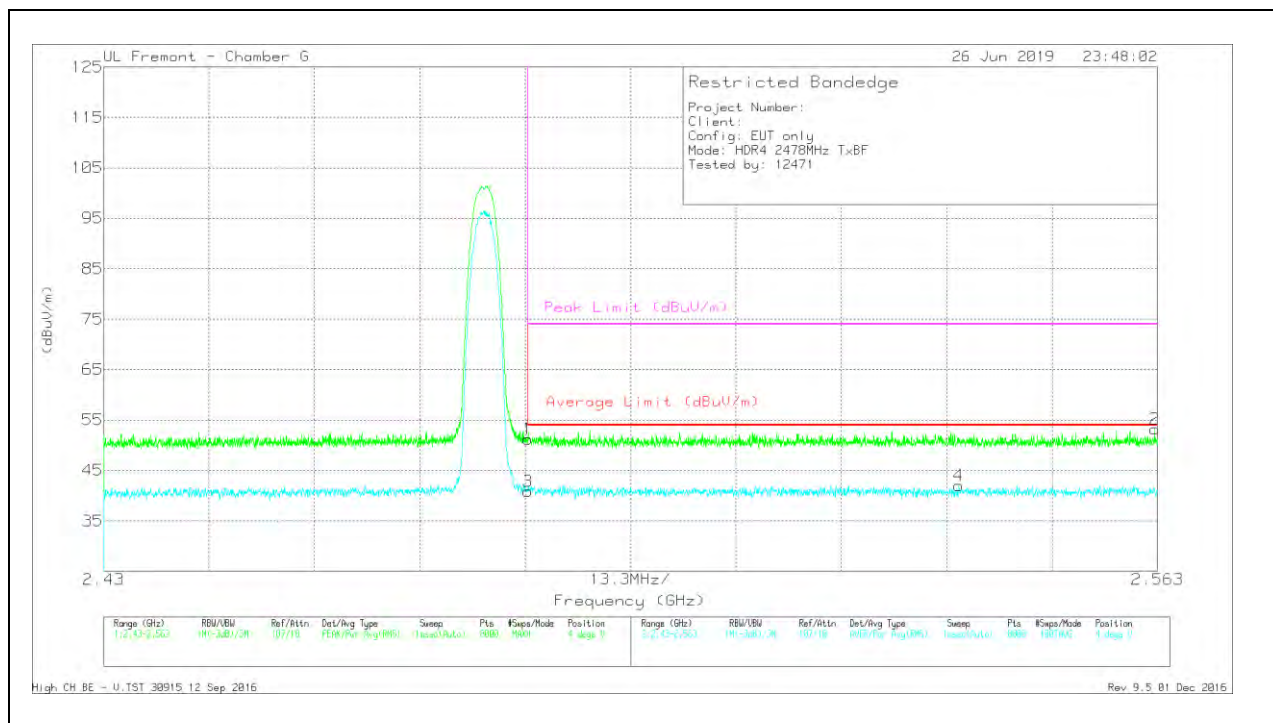
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.14	Pk	32.4	-22.1	52.44	-	-	74	-21.56	318	154	H
2	* 2.484	42.34	Pk	32.4	-22.1	52.64	-	-	74	-21.36	318	154	H
3	* 2.484	31.41	RMS	32.4	-22.1	41.71	54	-12.29	-	-	318	154	H
4	* 2.484	31.83	RMS	32.4	-22.1	42.13	54	-11.87	-	-	318	154	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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
1	* 2.484	40.9	Pk	32.4	-22.1	51.2	-	-	74	-22.8	4	395	V
3	* 2.484	30.62	RMS	32.4	-22.1	40.92	54	-13.08	-	-	4	395	V
4	2.538	31.81	RMS	32.4	-22.2	42.01	54	-11.99	-	-	4	395	V
2	2.563	42.99	Pk	32.4	-22.2	53.19	-	-	74	-20.81	4	395	V

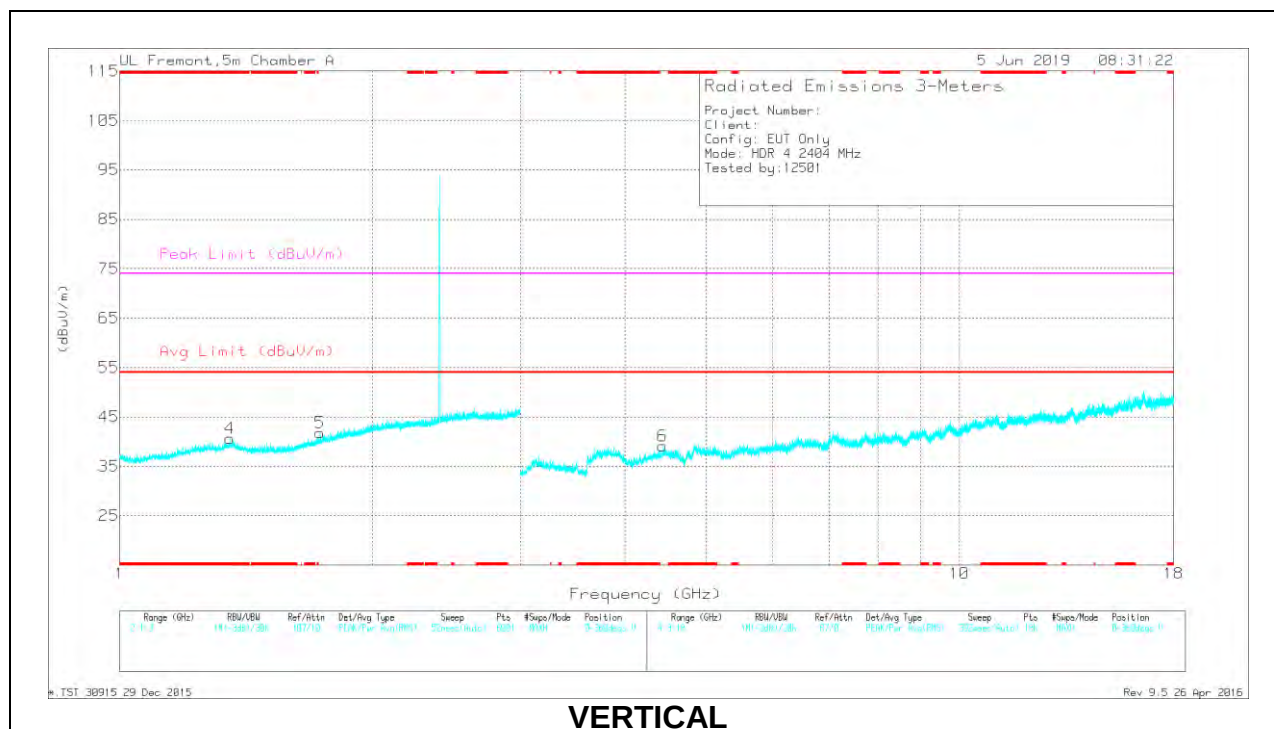
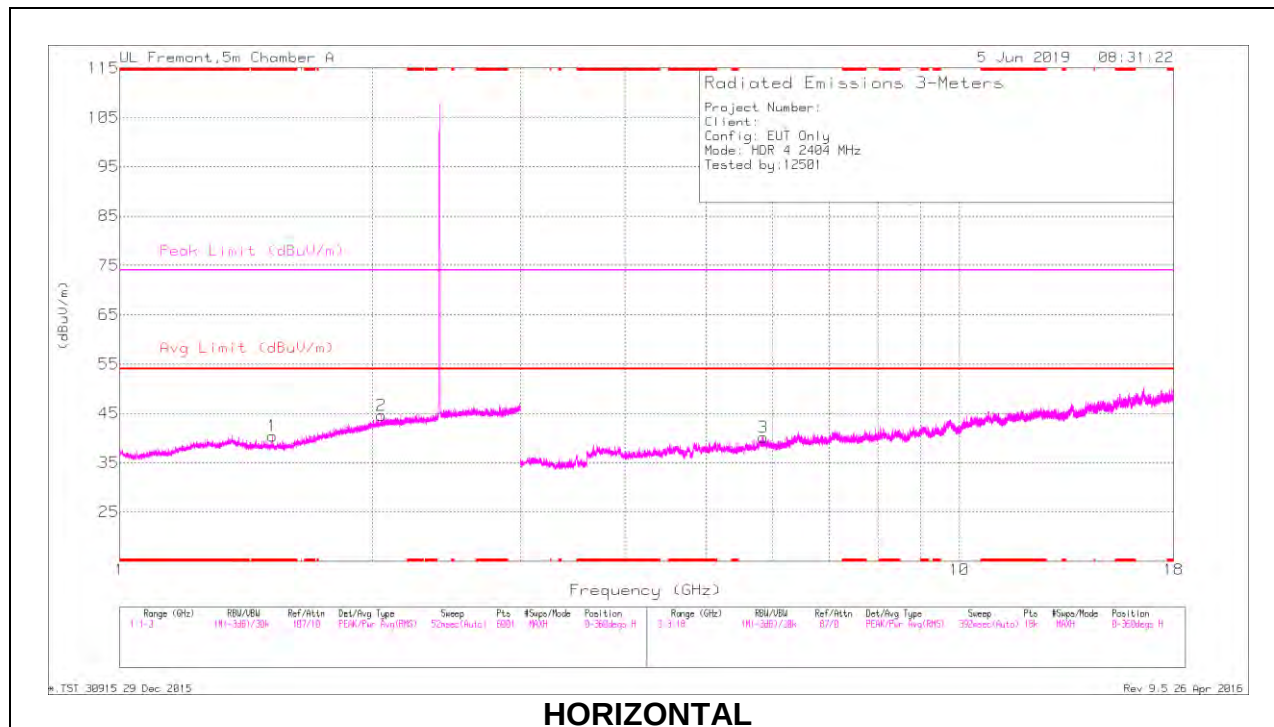
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

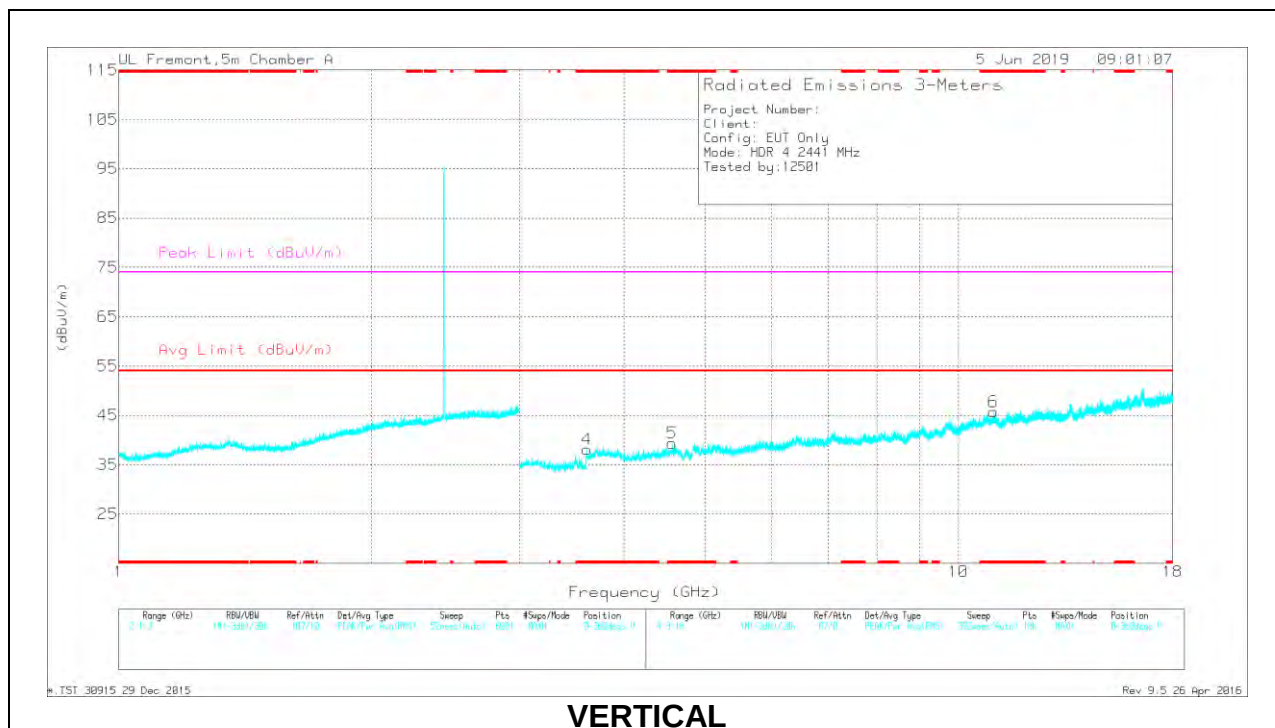
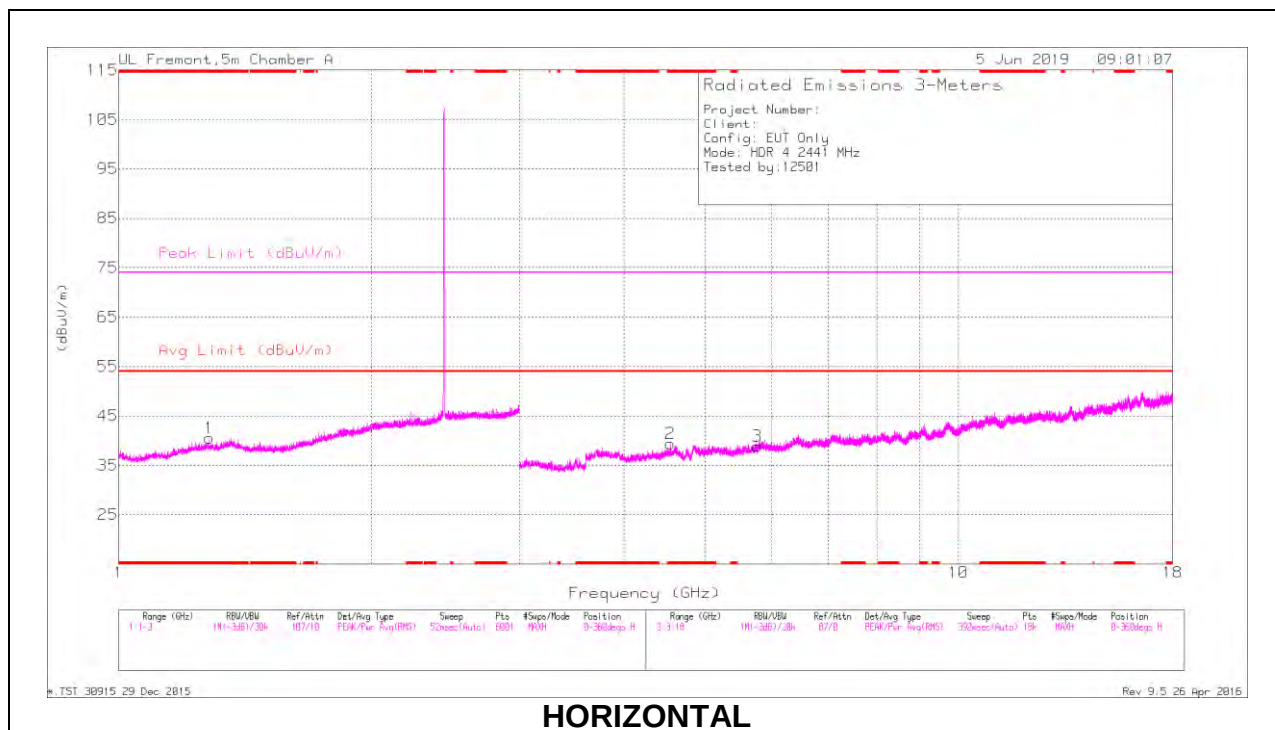
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.52	42.41	PK2	28.2	-24.5	46.11	-	-	74	-27.89	116	199	H
	* 1.518	31.38	MAv1	28.2	-24.5	35.08	54	-18.92	-	-	116	199	H
4	* 1.353	42.88	PK2	29.6	-24.9	47.58	-	-	74	-26.42	299	103	V
	* 1.353	31.92	MAv1	29.6	-24.9	36.62	54	-17.38	-	-	299	103	V
5	1.735	42.24	PK2	29.7	-23.9	48.04	-	-	-	-	315	249	V
2	2.05	42.62	PK2	31.6	-23.4	50.82	-	-	-	-	21	143	H
6	4.437	40.14	PK2	33.8	-28.6	45.34	-	-	-	-	77	102	V
3	5.844	36.06	PK2	35.2	-26.1	45.16	-	-	-	-	129	276	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



RADIATED EMISSIONS

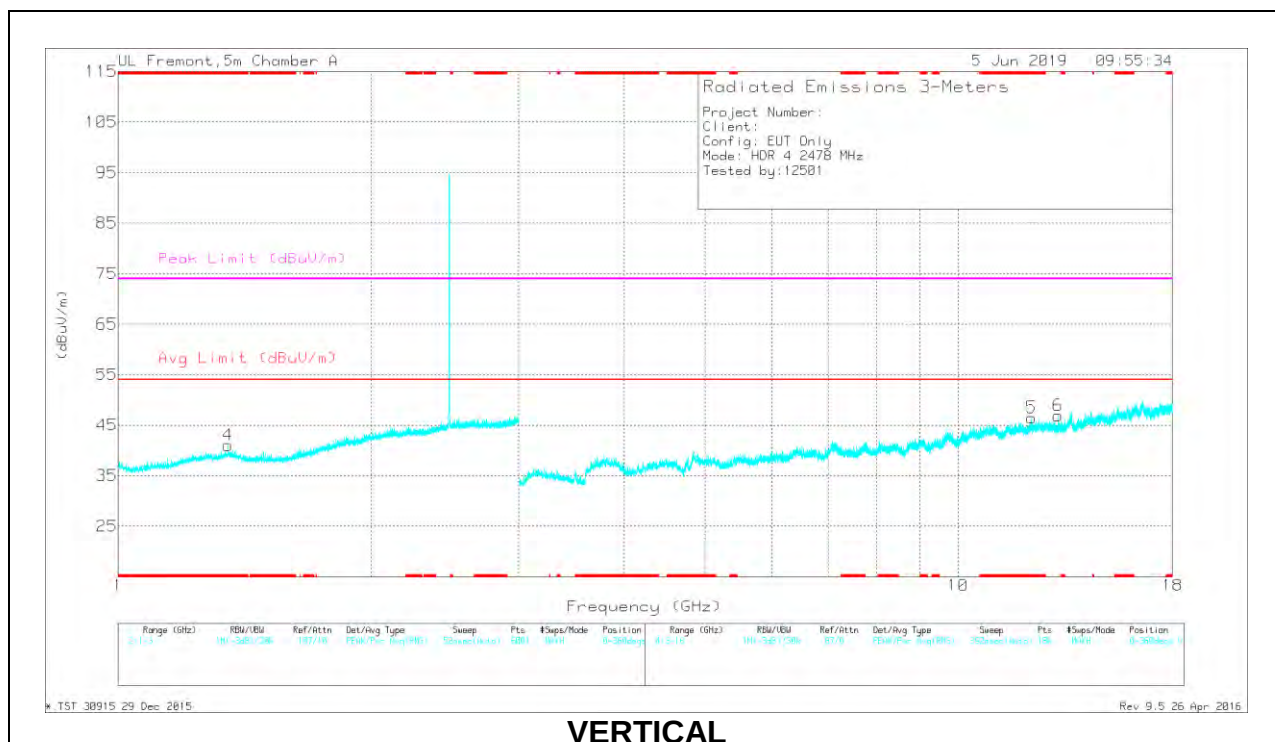
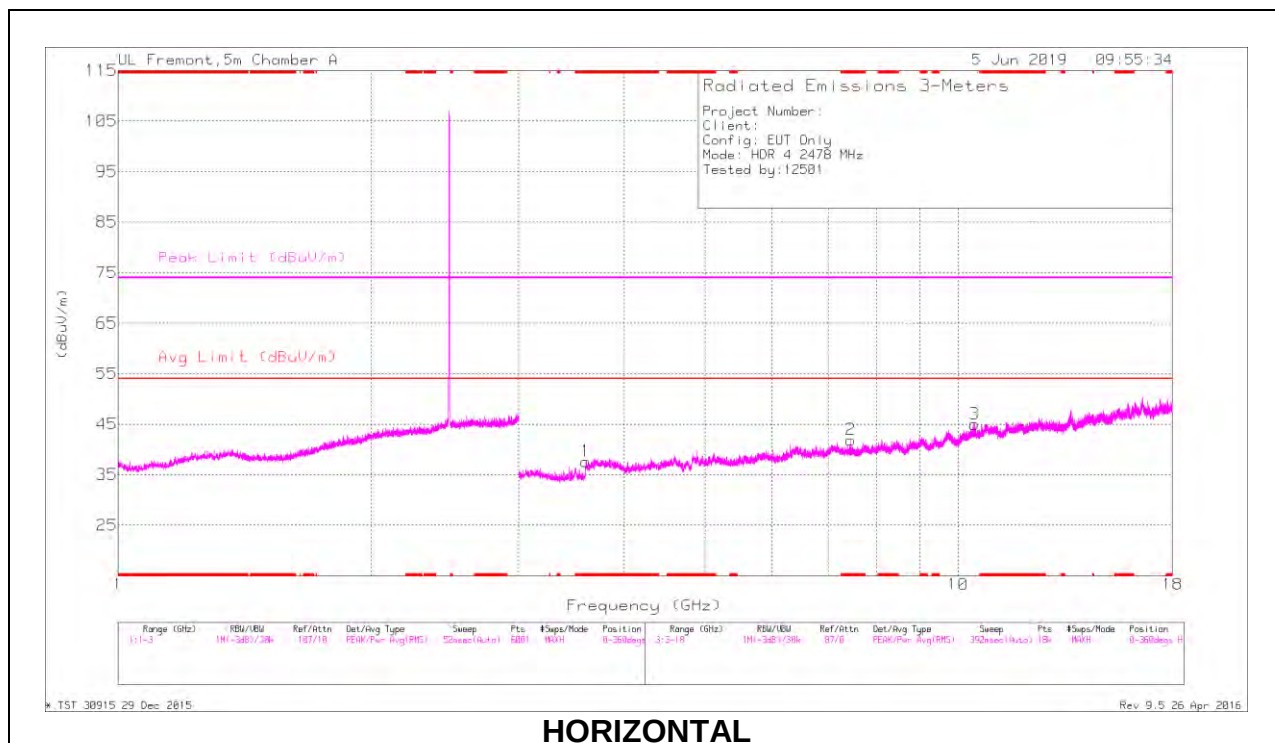
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.282	42.37	PK2	29	-25	46.37	-	-	74	-27.63	301	149	H
	* 1.283	31.73	MAv1	29	-25	35.73	54	-18.27	-	-	301	149	H
2	* 4.543	39.22	PK2	34.3	-27.5	46.02	-	-	74	-27.98	202	187	H
	* 4.543	28.5	MAv1	34.3	-27.6	35.2	54	-18.8	-	-	202	187	H
4	* 4.541	39.88	PK2	34.3	-27.5	46.68	-	-	74	-27.32	36	105	H
	* 4.543	28.55	MAv1	34.3	-27.6	35.25	54	-18.75	-	-	36	105	H
5	* 3.614	39.28	PK2	33.2	-29.5	42.98	-	-	74	-31.02	65	132	V
	* 3.612	29.56	MAv1	33.2	-29.5	33.26	54	-20.74	-	-	65	132	V
6	* 4.566	39.43	PK2	34.3	-28.1	45.63	-	-	74	-28.37	89	199	V
	* 4.565	28.93	MAv1	34.3	-28.1	35.13	54	-18.87	-	-	89	199	V
3	* 11.009	33.74	PK2	37.9	-20.2	51.44	-	-	74	-22.56	116	288	V
	* 11.006	23.71	MAv1	37.9	-20.3	41.31	54	-12.69	-	-	116	288	V
	5.763	36.98	PK2	35	-26.5	45.48	-	-	-	-	177	315	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.351	42.81	PK2	29.5	-25	47.31	-	-	74	-26.69	42	200	V
	* 1.353	31.68	MAv1	29.6	-24.9	36.38	54	-17.62	-	-	42	200	V
1	* 3.603	39.53	PK2	33.1	-29.5	43.13	-	-	74	-30.87	14	102	H
	* 3.606	29.68	MAv1	33.1	-29.4	33.38	54	-20.62	-	-	14	102	H
2	* 7.453	34.34	PK2	35.7	-23.2	46.84	-	-	74	-27.16	116	319	H
	* 7.452	24.75	MAv1	35.7	-23.2	37.25	54	-16.75	-	-	116	319	H
5	* 12.237	33.15	PK2	38.9	-20.3	51.75	-	-	74	-22.25	128	298	V
	* 12.236	23.09	MAv1	38.9	-20.3	41.69	54	-12.31	-	-	128	298	V
3	10.465	33.32	PK2	37.6	-20.7	50.22	-	-	-	-	39	196	H
6	13.16	33.11	PK2	39.1	-20.6	51.61	-	-	-	-	88	241	V

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

PK2 - KDB558074 Method: Maximum Peak

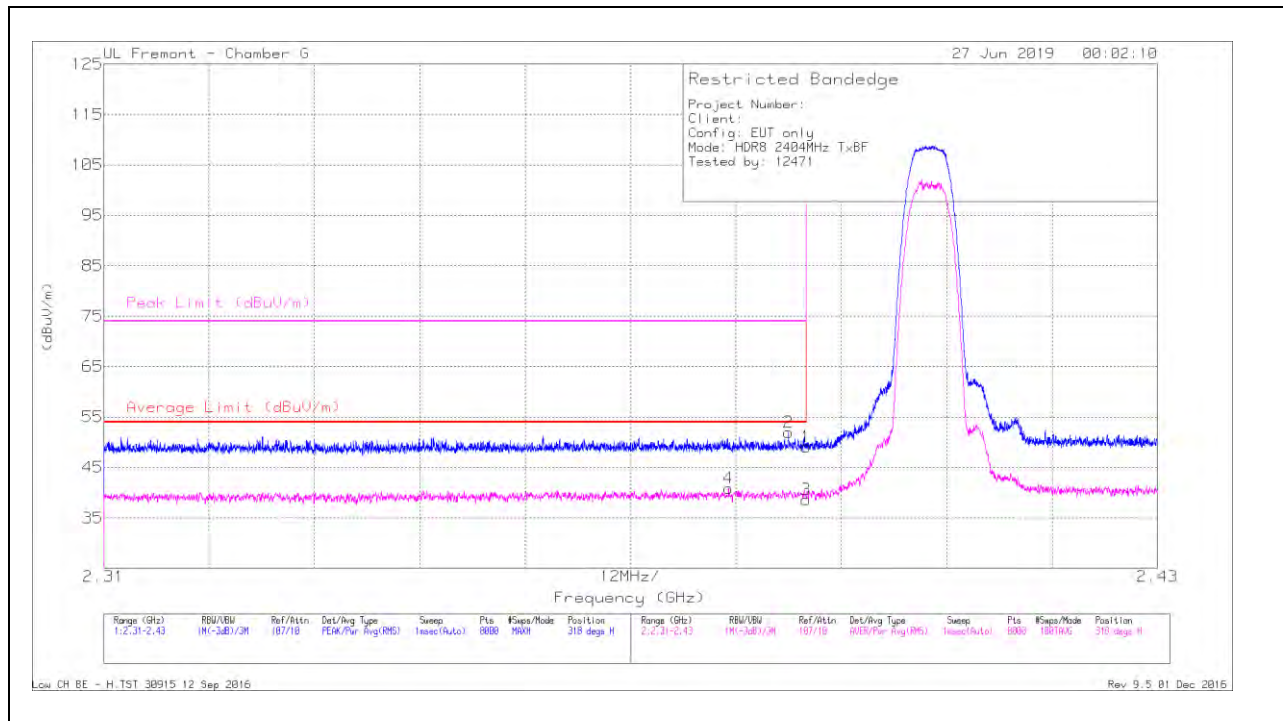
MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.6. BEAMFORMING HIGH POWER HDR (HDR8)

Antenna 4 + Antenna 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



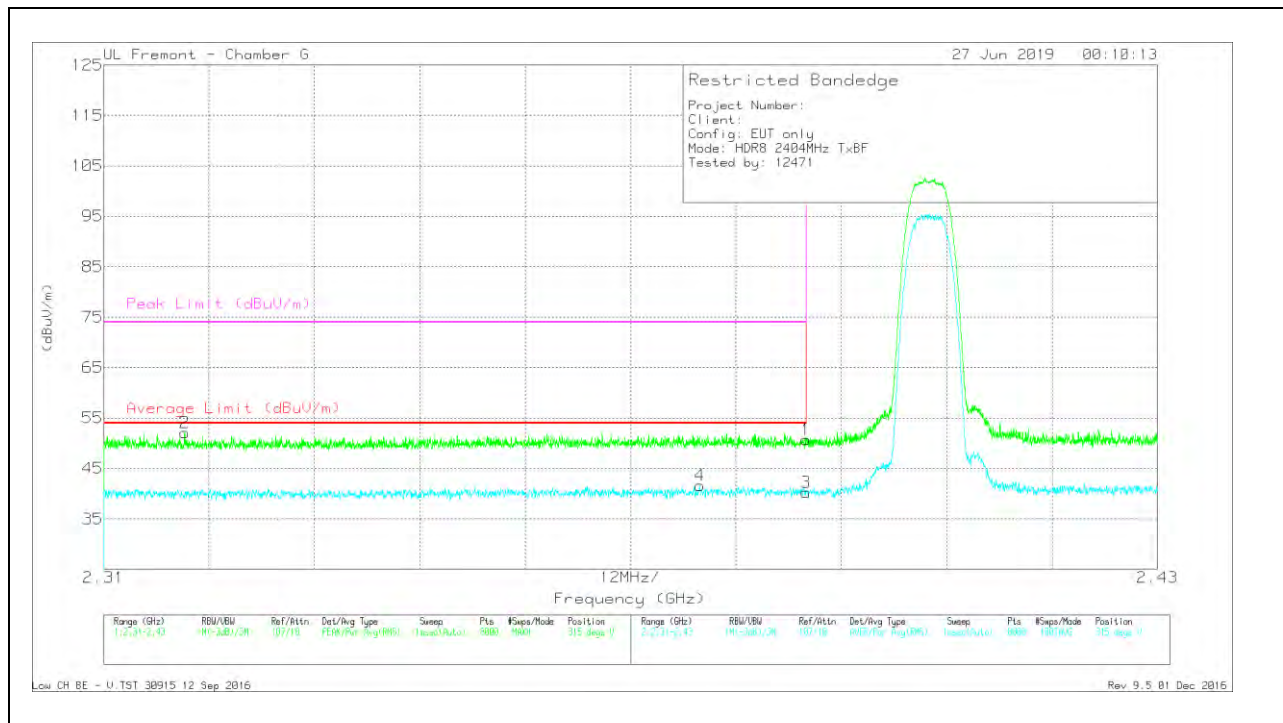
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.37	Pk	31.9	-22.2	49.07	-	-	74	-24.93	318	111	H
2	* 2.388	42.23	Pk	31.9	-22.2	51.93	-	-	74	-22.07	318	111	H
3	* 2.39	28.93	RMS	31.9	-22.2	38.63	54	-15.37	-	-	318	111	H
4	* 2.381	31.27	RMS	31.8	-22.2	40.87	54	-13.13	-	-	318	111	H

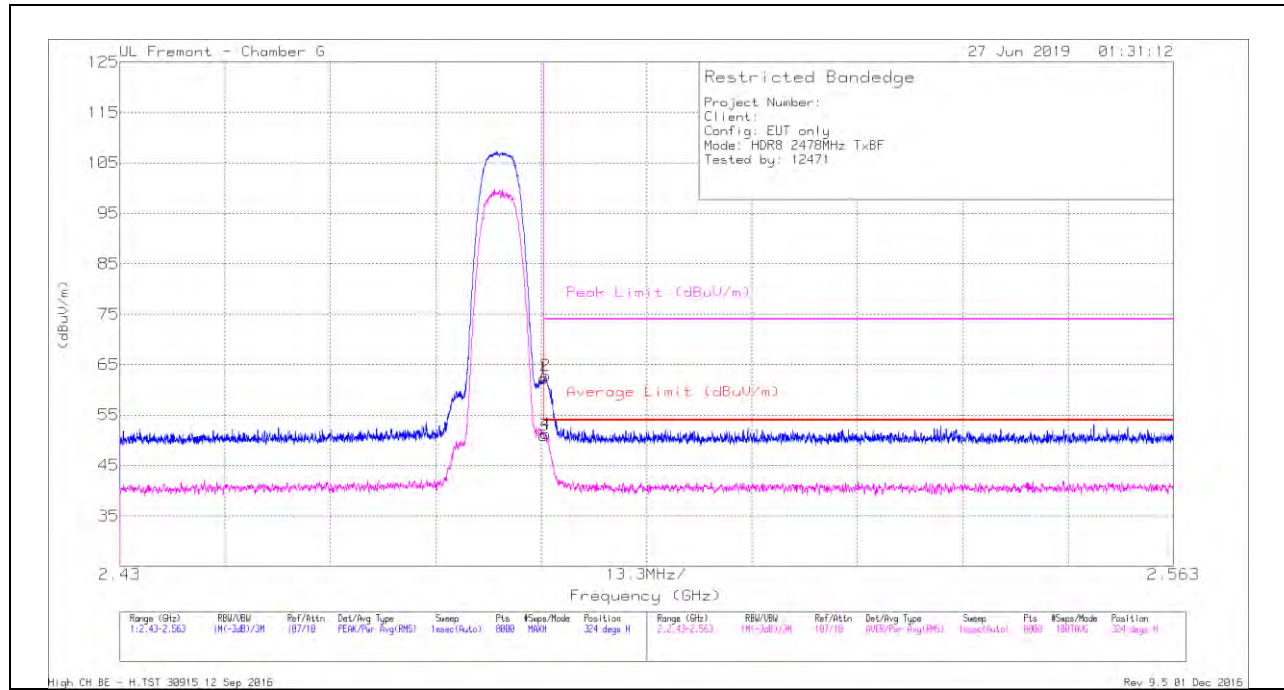
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

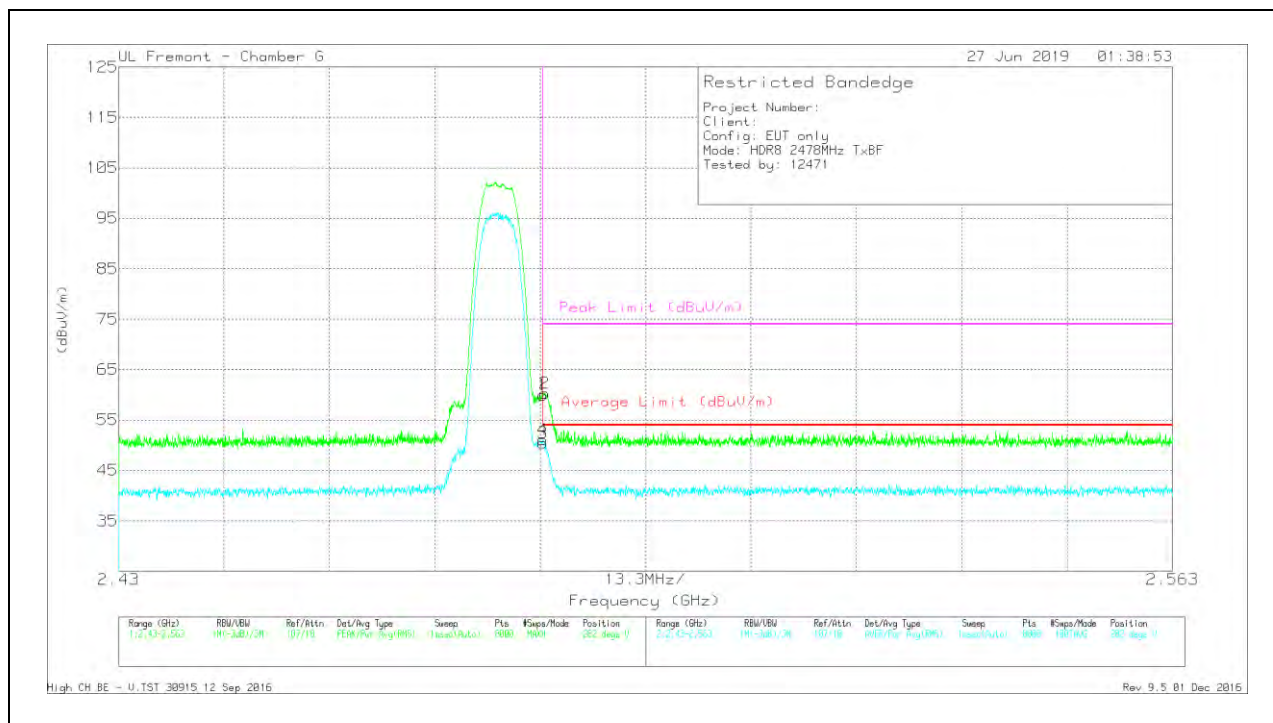
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.96	Pk	32.4	-22.1	62.26	-	-	74	-11.74	324	312	H
2	* 2.484	52.56	Pk	32.4	-22.1	62.86	-	-	74	-11.14	324	312	H
3	* 2.484	40.65	RMS	32.4	-22.1	50.95	54	-3.05	-	-	324	312	H
4	* 2.484	40.98	RMS	32.4	-22.1	51.28	54	-2.72	-	-	324	312	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/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	49.59	Pk	32.4	-22.1	59.89	-	-	74	-14.11	282	400	V
2	* 2.484	50.06	Pk	32.4	-22.1	60.36	-	-	74	-13.64	282	400	V
3	* 2.484	40.14	RMS	32.4	-22.1	50.44	54	-3.56	-	-	282	400	V
4	* 2.484	40.79	RMS	32.4	-22.1	51.09	54	-2.91	-	-	282	400	V

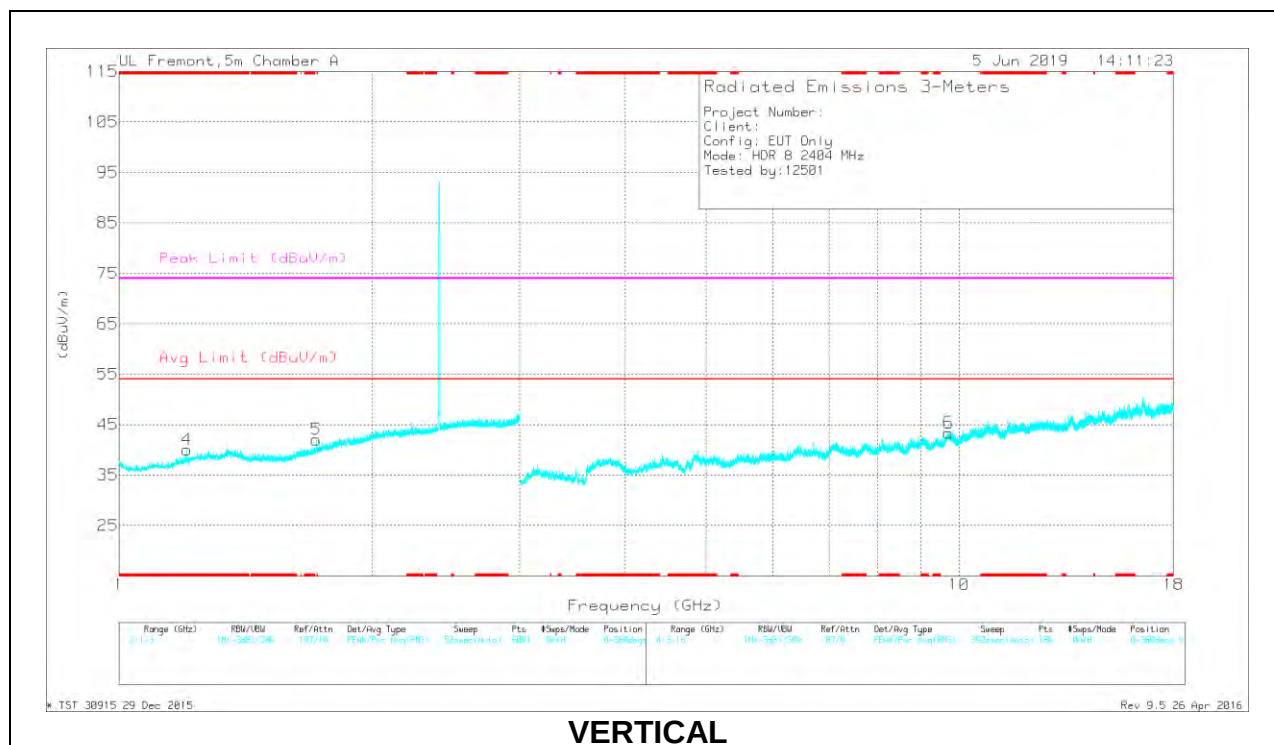
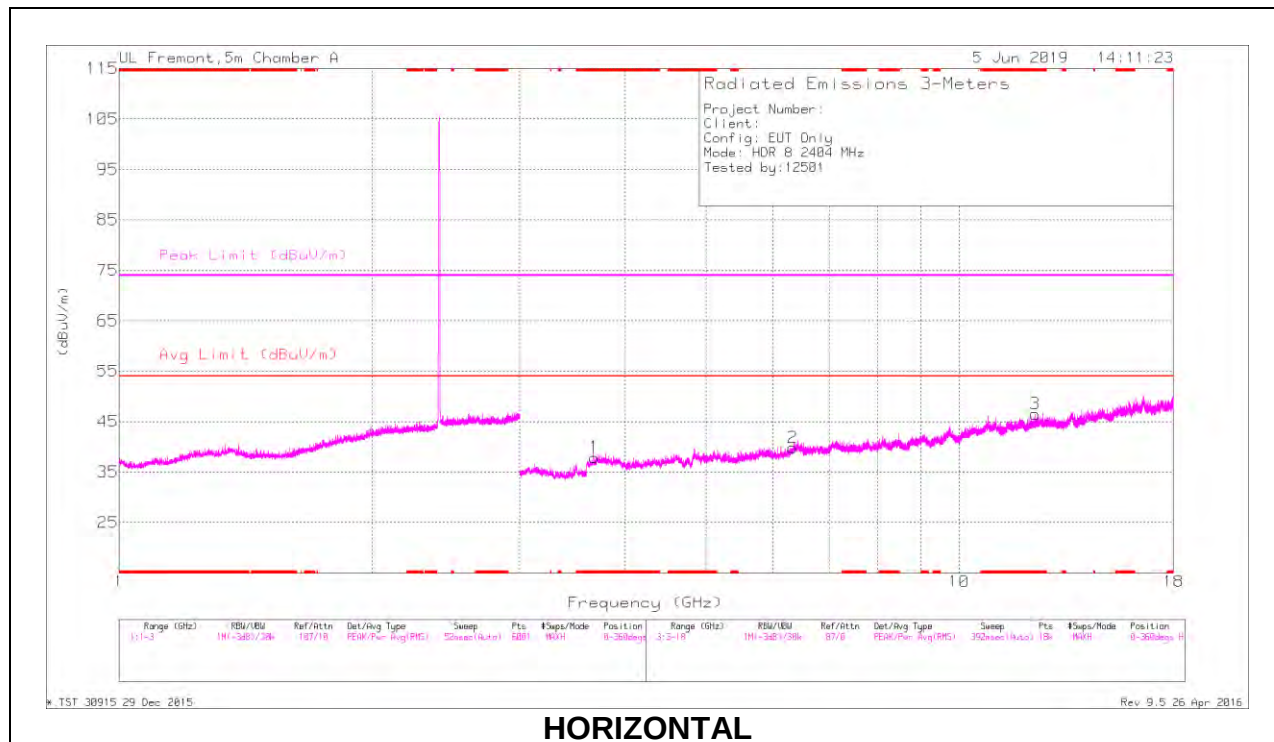
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

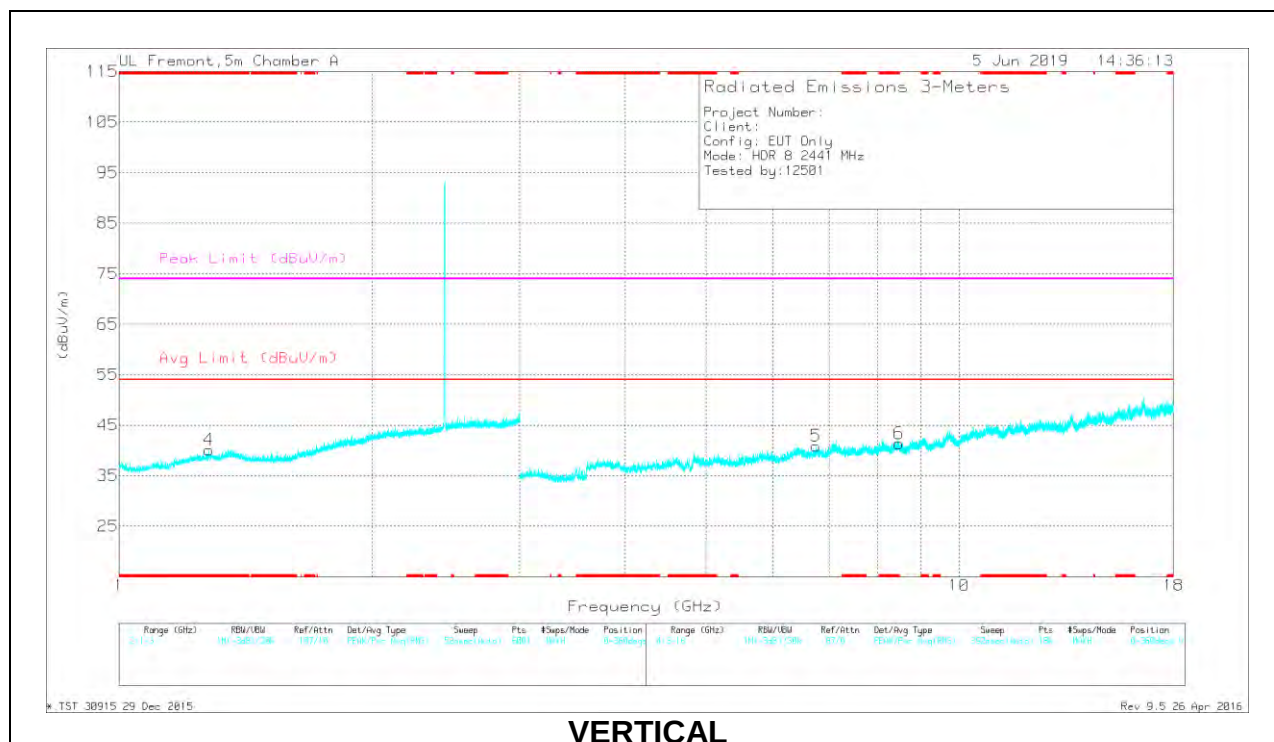
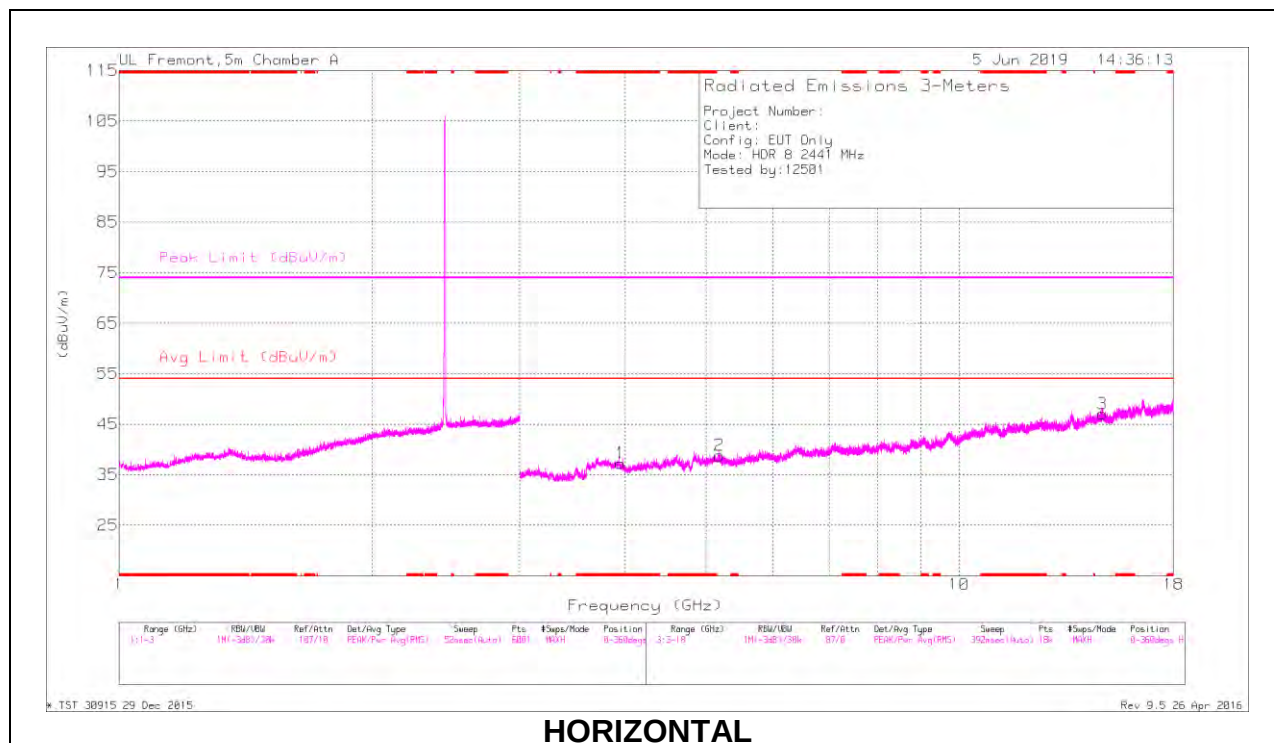
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.206	42.54	PK2	28.4	-25	45.94	-	-	74	-28.06	328	212	V
	* 1.204	31.57	MAv1	28.4	-25	34.97	54	-19.03	-	-	328	212	V
1	* 3.677	38.98	PK2	33.2	-29	43.18	-	-	74	-30.82	118	293	H
	* 3.678	29.52	MAv1	33.2	-29	33.72	54	-20.28	-	-	118	293	H
3	* 12.32	32.76	PK2	39	-20.4	51.36	-	-	74	-22.64	97	132	H
	* 12.321	23.32	MAv1	39	-20.4	41.92	54	-12.08	-	-	97	132	H
5	1.717	41.82	PK2	29.4	-23.8	47.42	-	-	-	-	23	108	V
2	6.341	37.33	PK2	35.7	-25.8	47.23	-	-	-	-	300	192	H
6	9.713	34.15	PK2	36.9	-21.2	49.85	-	-	-	-	21	121	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



RADIATED EMISSIONS

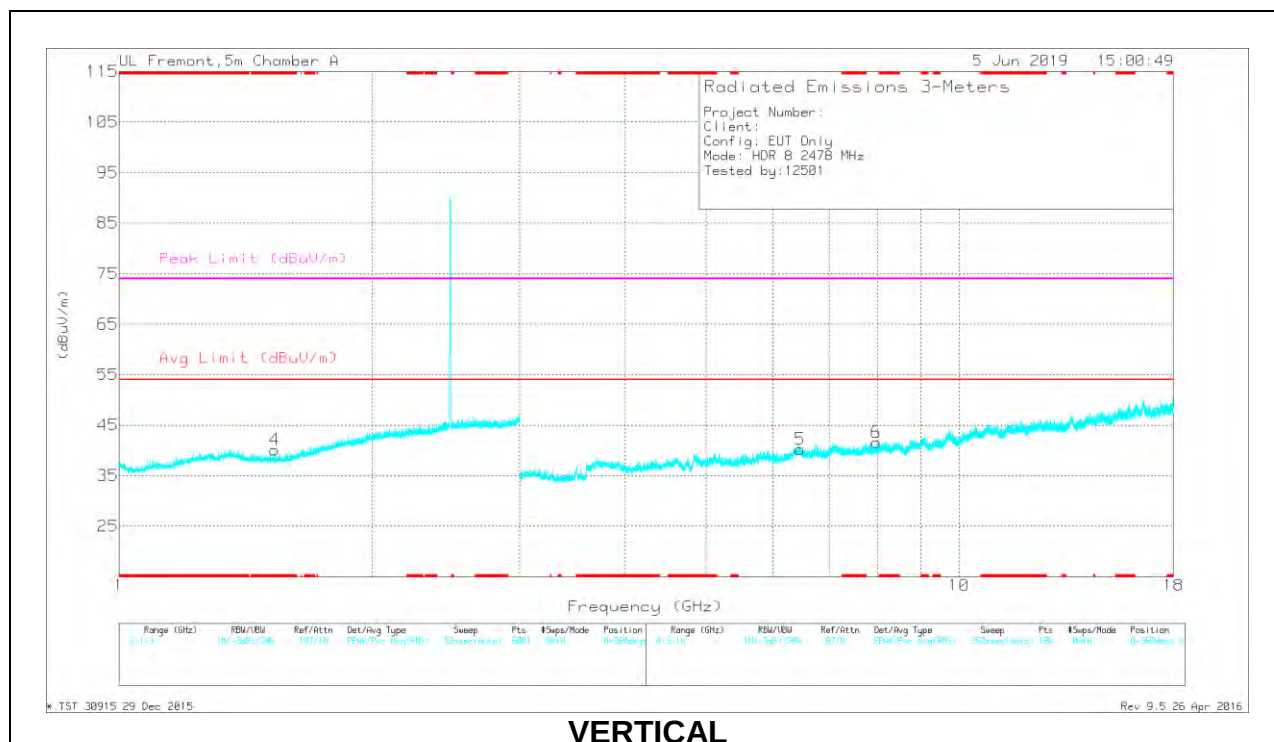
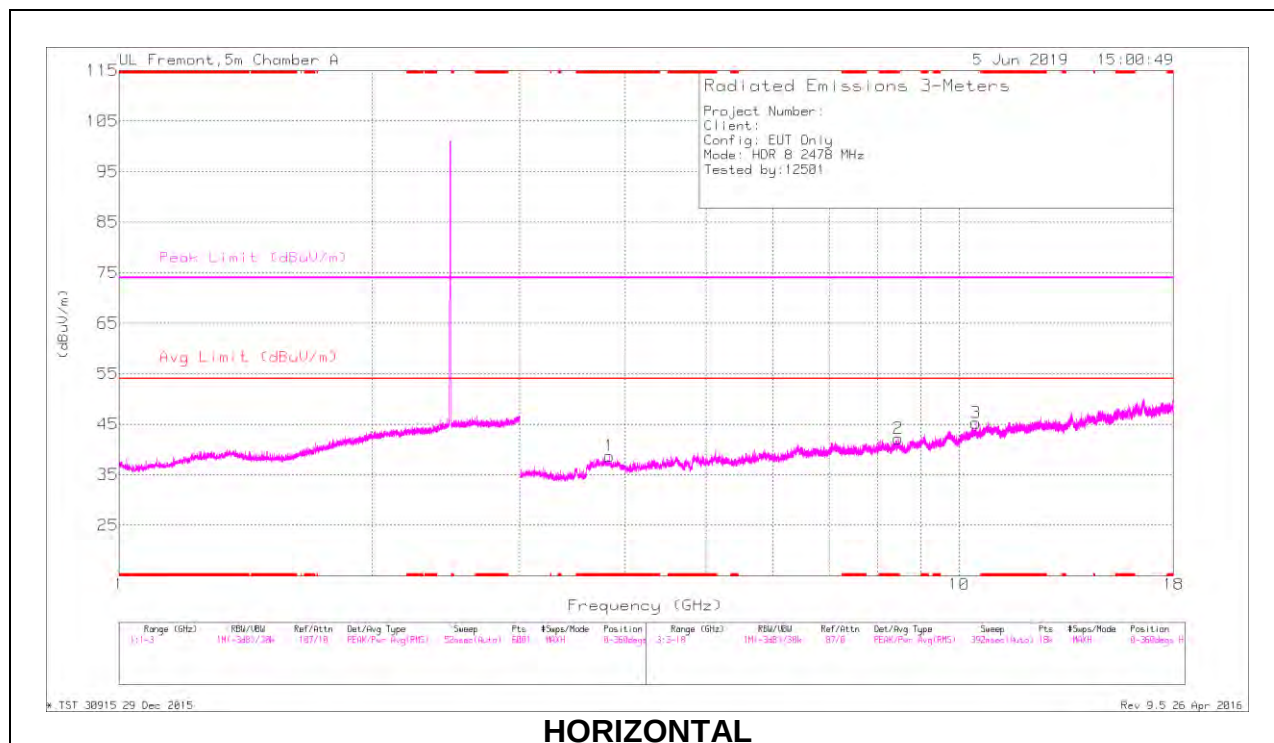
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.277	42.3	PK2	29.1	-24.9	46.5	-	-	74	-27.5	44	195	V
	* 1.279	31.79	MAv1	29.1	-24.9	35.99	54	-18.01	-	-	44	195	V
1	* 3.951	39.31	PK2	33.5	-28.8	44.01	-	-	74	-29.99	98	164	H
	* 3.951	29.18	MAv1	33.5	-28.8	33.88	54	-20.12	-	-	98	164	H
6	* 8.479	34.38	PK2	35.9	-22.4	47.88	-	-	74	-26.12	167	205	V
	* 8.476	24.89	MAv1	35.9	-22.3	38.49	54	-15.51	-	-	167	205	V
2	5.188	37.38	PK2	34.6	-26.9	45.08	-	-	-	-	344	312	H
5	6.753	36.64	PK2	35.9	-24.6	47.94	-	-	-	-	301	365	V
3	14.814	34.01	PK2	39.7	-19.7	54.01	-	-	-	-	218	119	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.53	42.31	PK2	28.1	-24.6	45.81	-	-	74	-28.19	332	119	V
	* 1.53	31.36	MAv1	28.1	-24.6	34.86	54	-19.14	-	-	332	119	V
1	* 3.833	39.41	PK2	33.7	-28.9	44.21	-	-	74	-29.79	310	245	H
	* 3.834	29.75	MAv1	33.7	-29	34.45	54	-19.55	-	-	310	245	H
2	* 8.467	34.81	PK2	35.9	-22.5	48.21	-	-	74	-25.79	120	278	H
	* 8.468	24.64	MAv1	35.9	-22.5	38.04	54	-15.96	-	-	120	278	H
5	6.47	36.55	PK2	35.9	-24.9	47.55	-	-	-	-	47	202	V
6	7.967	35.45	PK2	35.8	-24	47.25	-	-	-	-	74	140	V
3	10.472	33.52	PK2	37.6	-20.5	50.62	-	-	-	-	86	301	H

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

PK2 - KDB558074 Method: Maximum Peak

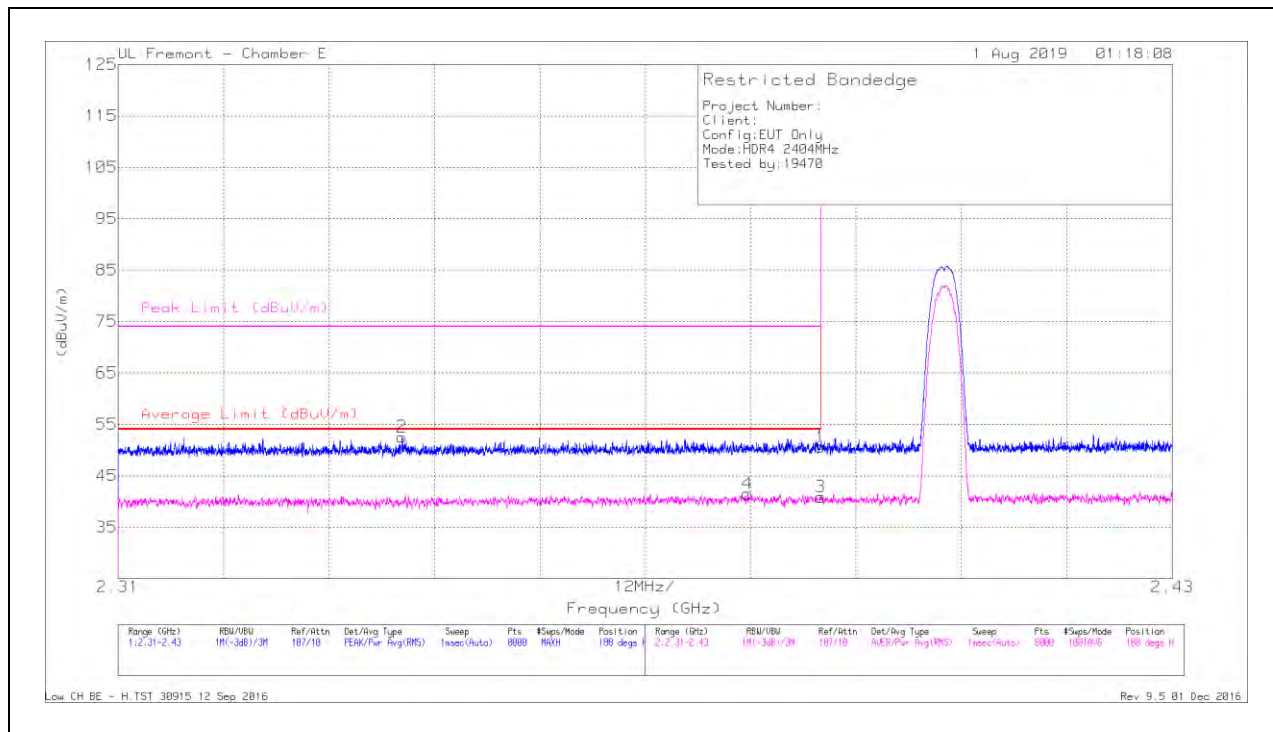
MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.7. BEAMFORMING LOW POWER HDR (HDR4)

Antenna 4 + Antenna 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



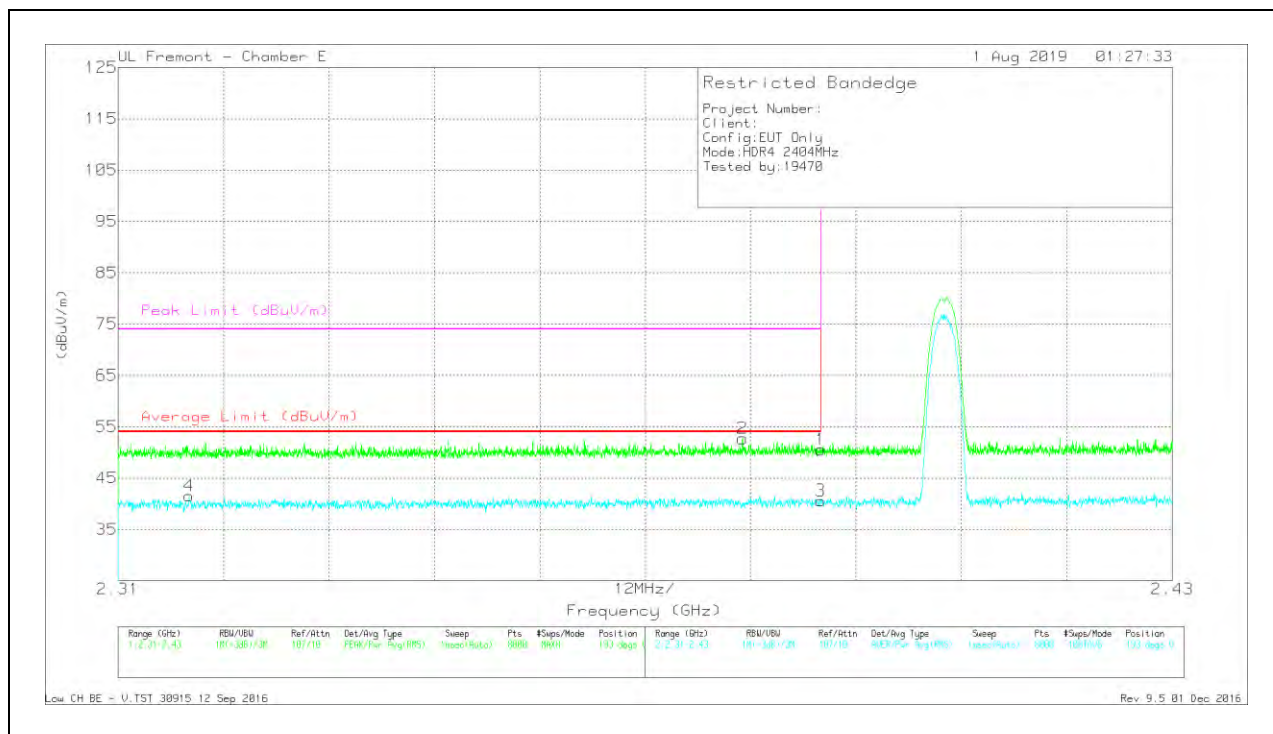
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.342	46.96	Pk	31.9	-26.3	52.56	-	-	74	-21.44	188	122	H
4	* 2.382	35.48	RMS	32.3	-26.3	41.48	54	-12.52	-	-	188	122	H
1	* 2.39	44.49	Pk	32.3	-26.2	50.59	-	-	74	-23.41	188	122	H
3	* 2.39	34.77	RMS	32.3	-26.2	40.87	54	-13.13	-	-	188	122	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



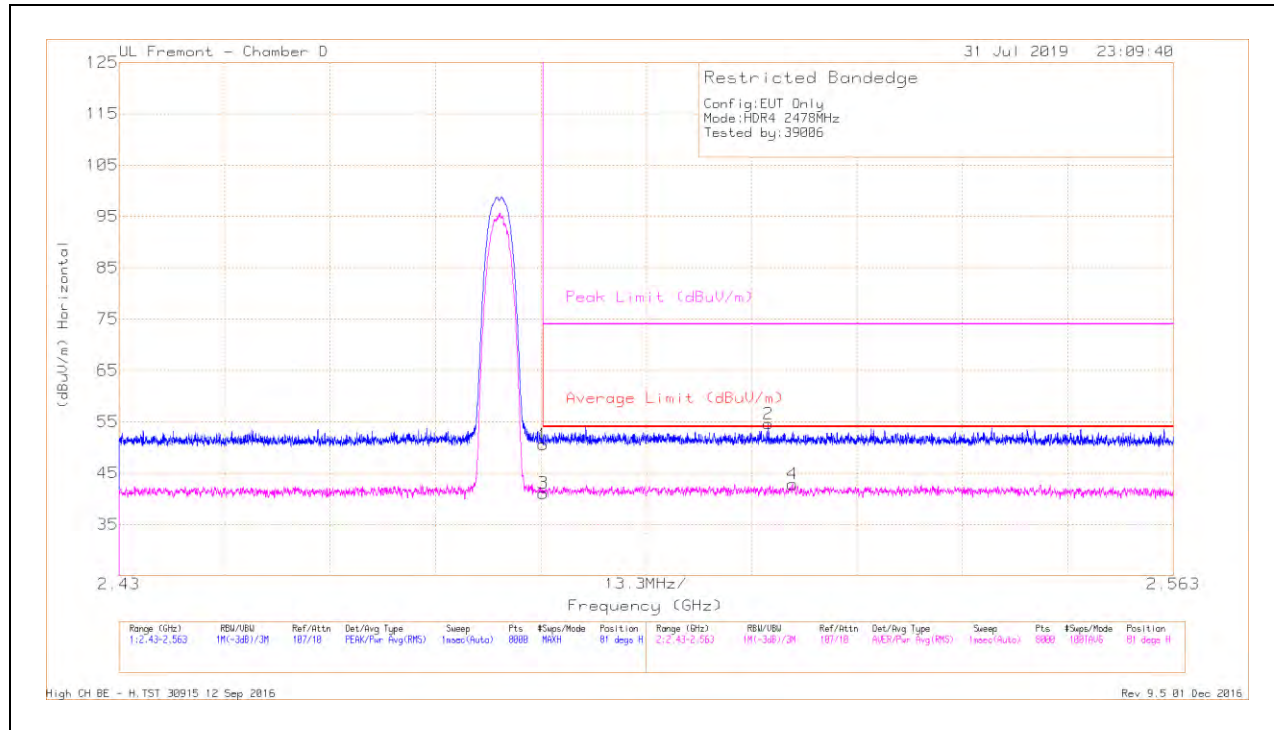
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/CbI/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.318	35.92	RMS	31.9	-26.3	41.52	54	-12.48	-	-	193	388	V
2	* 2.381	46.72	Pk	32.3	-26.3	52.72	-	-	74	-21.28	193	388	V
1	* 2.39	44.42	Pk	32.3	-26.2	50.52	-	-	74	-23.48	193	388	V
3	* 2.39	34.48	RMS	32.3	-26.2	40.58	54	-13.42	-	-	193	388	V

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

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



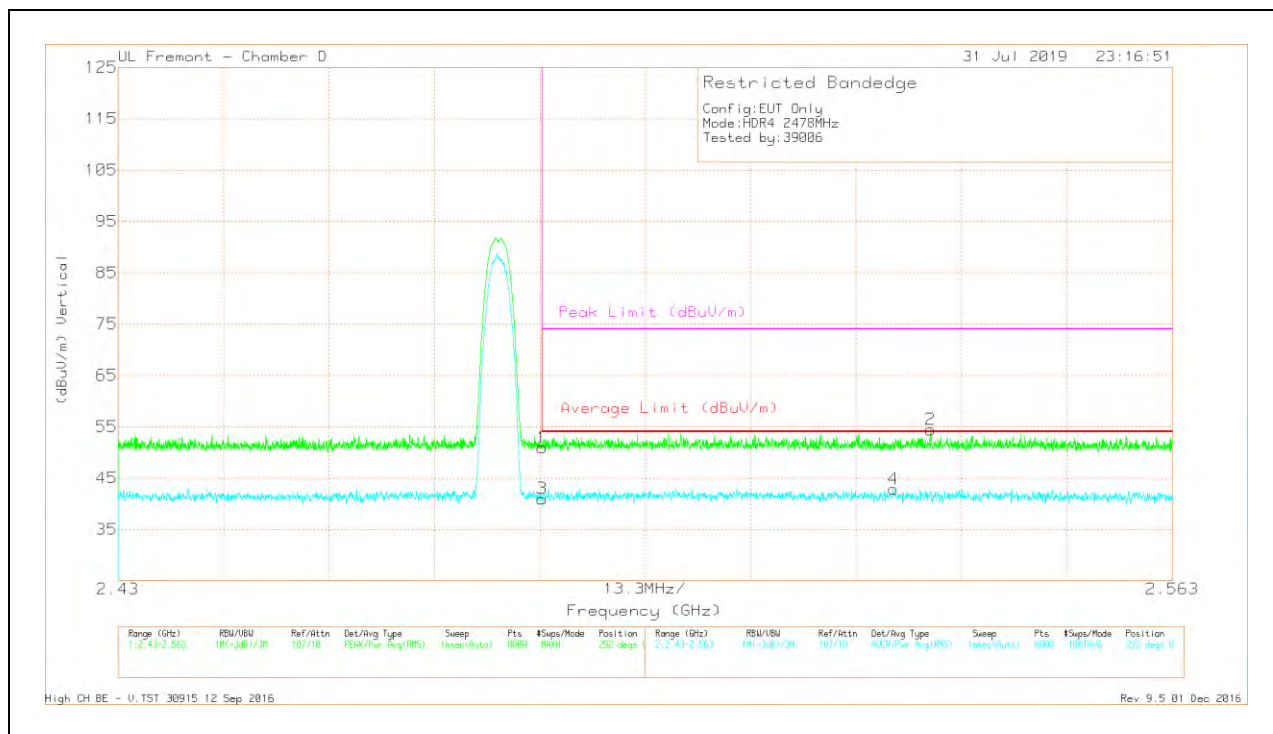
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	38.77	Pk	32.4	-20.6	50.57	-	-	74	-23.43	81	166	H
3	* 2.484	29.28	RMS	32.4	-20.6	41.08	54	-12.92	-	-	81	166	H
2	2.512	42.7	Pk	32.3	-20.4	54.6	-	-	74	-19.4	81	166	H
4	2.515	31.03	RMS	32.3	-20.5	42.83	54	-11.17	-	-	81	166	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/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	39.15	Pk	32.4	-20.6	50.95	-	-	74	-23.05	292	362	V
3	* 2.484	29.18	RMS	32.4	-20.6	40.98	54	-13.02	-	-	292	362	V
4	2.528	31.05	RMS	32.3	-20.5	42.85	54	-11.15	-	-	292	362	V
2	2.533	42.74	Pk	32.2	-20.5	54.44	-	-	74	-19.56	292	362	V

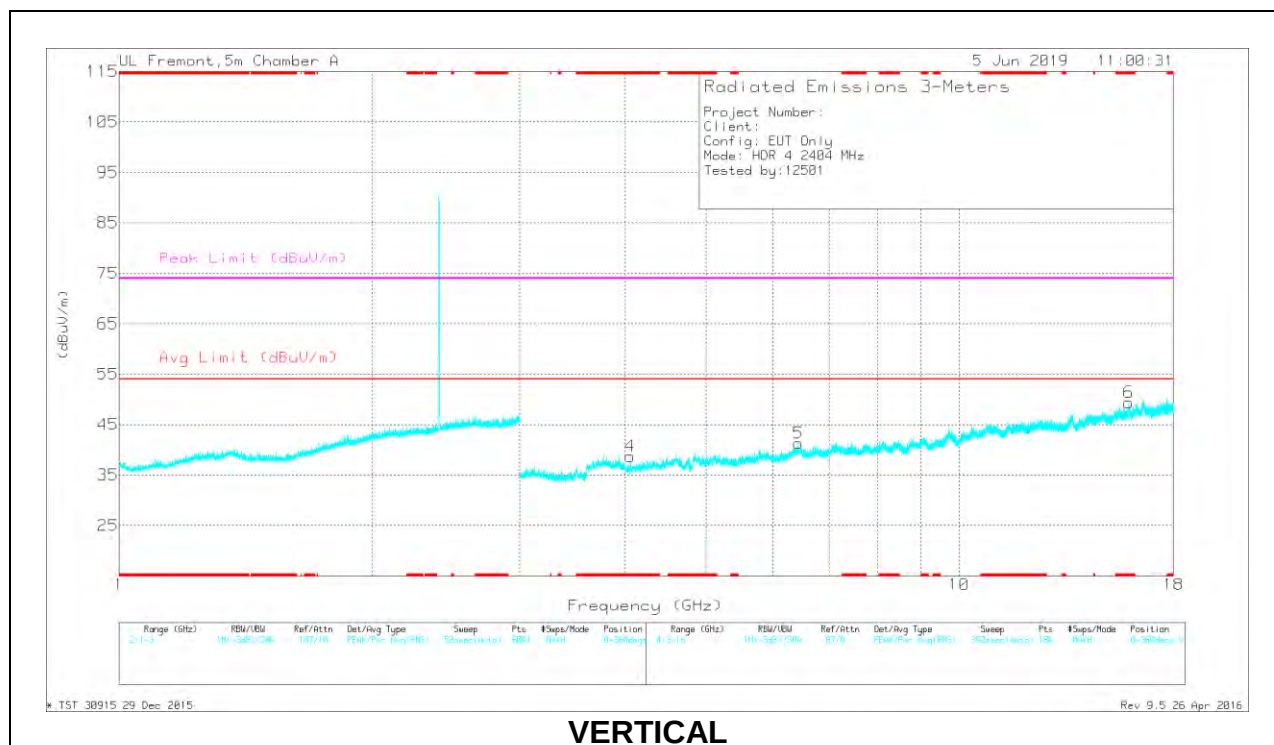
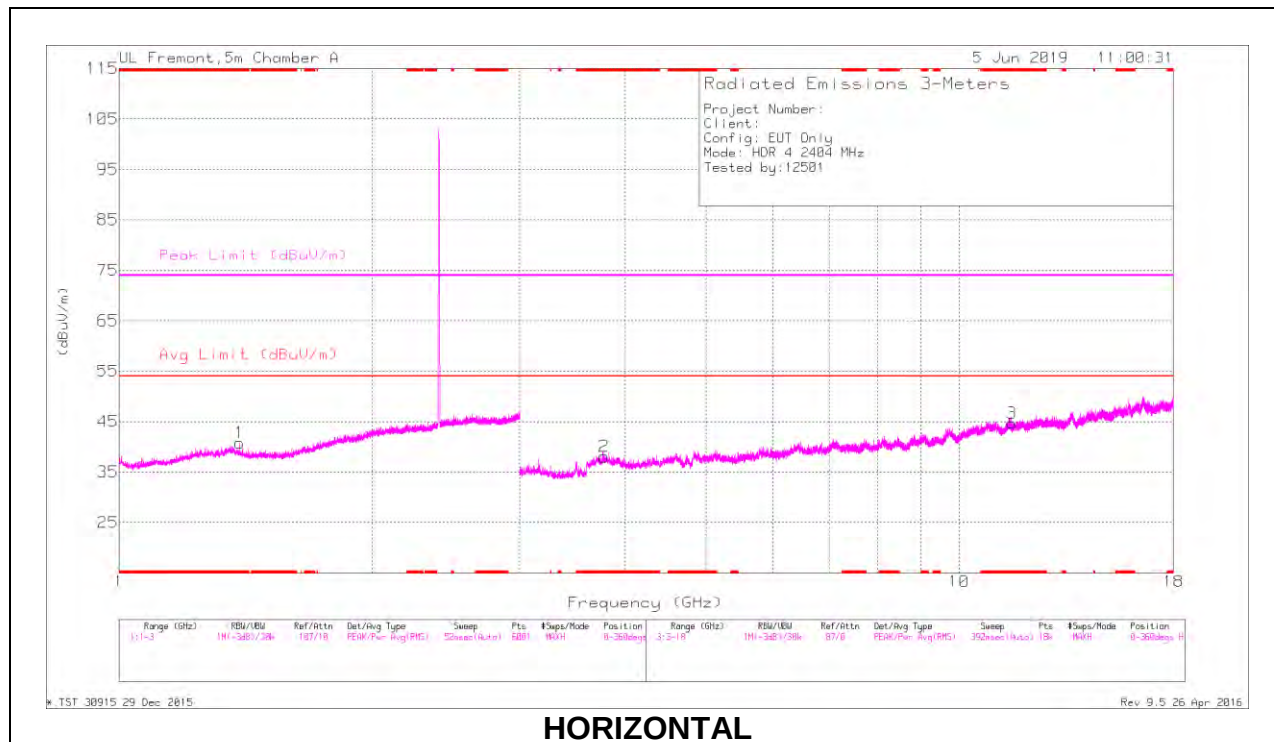
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

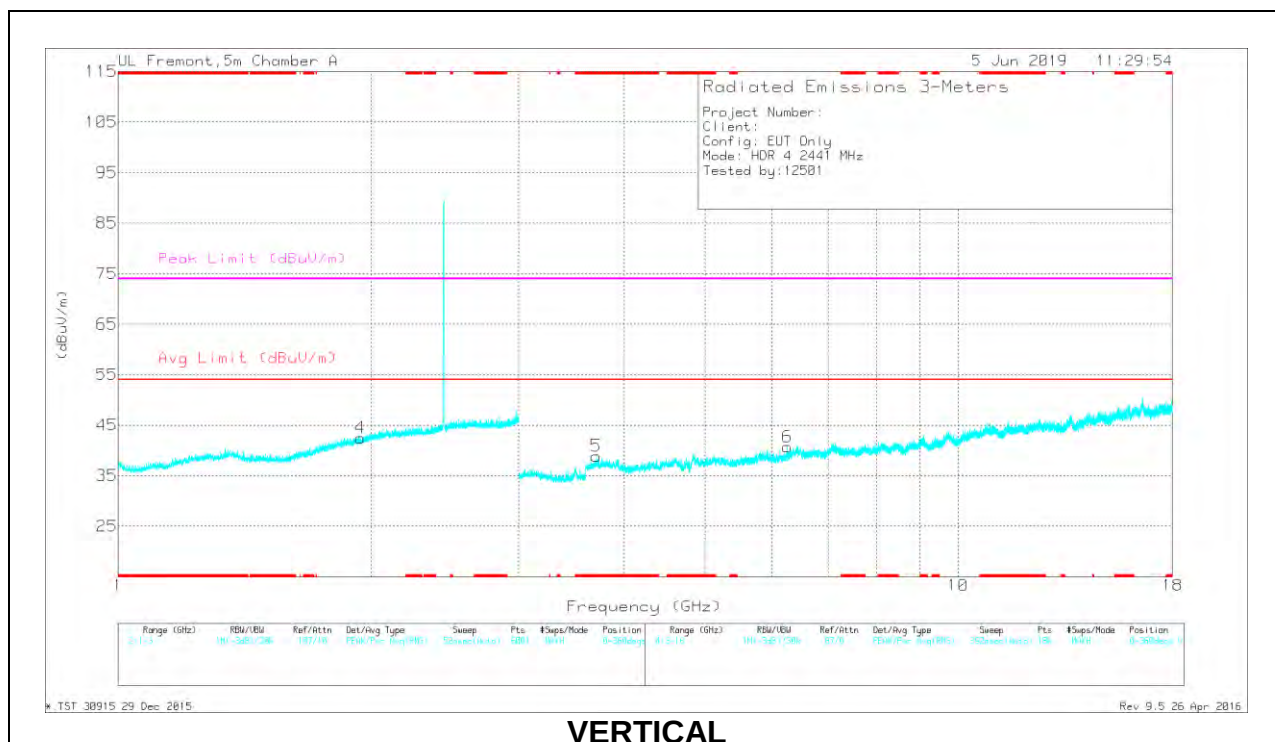
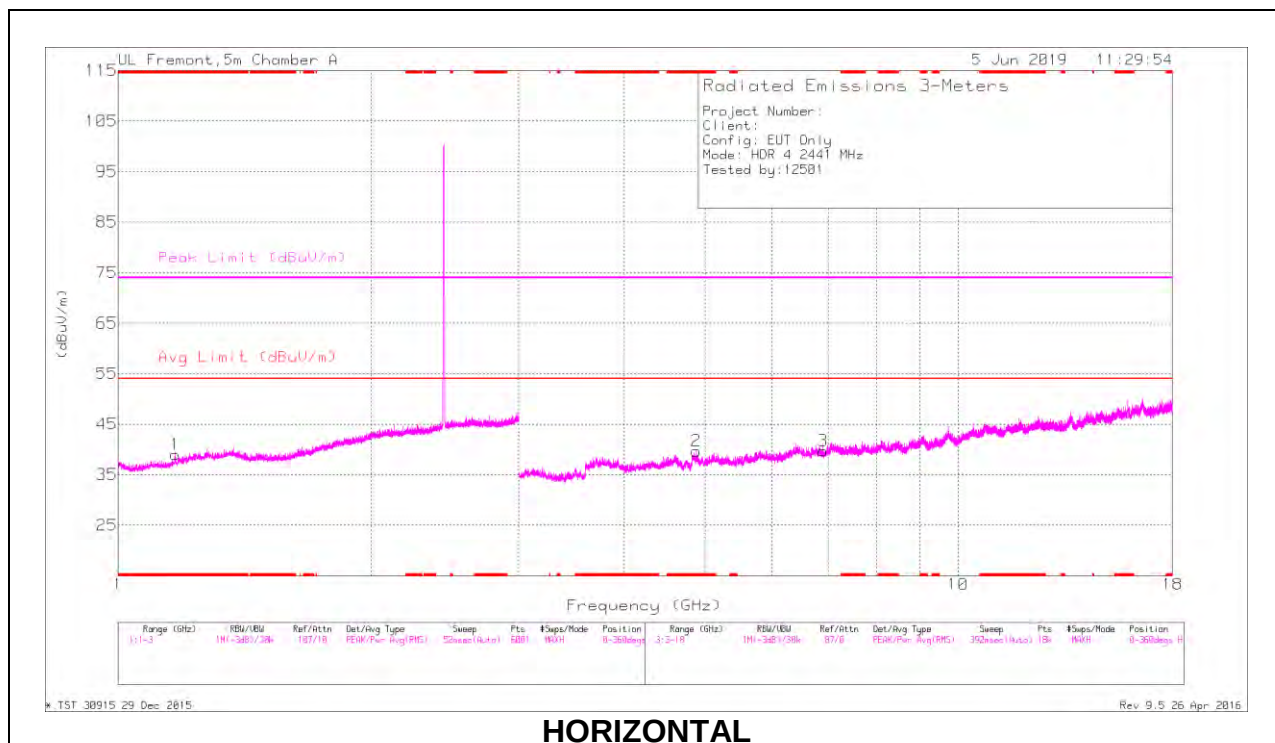
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.392	42.48	PK2	29	-24.9	46.58	-	-	74	-27.42	118	102	H
	* 1.389	31.81	MAv1	29	-25	35.81	54	-18.19	-	-	118	102	H
2	* 3.779	40.12	PK2	33.6	-29.1	44.62	-	-	74	-29.38	23	116	H
	* 3.779	29.6	MAv1	33.6	-29.1	34.1	54	-19.9	-	-	23	116	H
3	* 11.562	33.36	PK2	38.2	-20.2	51.36	-	-	74	-22.64	202	244	H
	* 11.562	23.23	MAv1	38.2	-20.3	41.13	54	-12.87	-	-	202	244	H
4	* 4.061	38.76	PK2	33.5	-28.6	43.66	-	-	74	-30.34	31	203	V
	* 4.061	28.5	MAv1	33.5	-28.6	33.4	54	-20.6	-	-	31	203	V
6	* 15.928	33.16	PK2	40.5	-17.6	56.06	-	-	74	-17.94	49	329	V
	* 15.929	22.8	MAv1	40.5	-17.6	45.7	54	-8.3	-	-	49	329	V
5	6.438	36.89	PK2	35.8	-24.6	48.09	-	-	-	-	6	199	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



RADIATED EMISSIONS

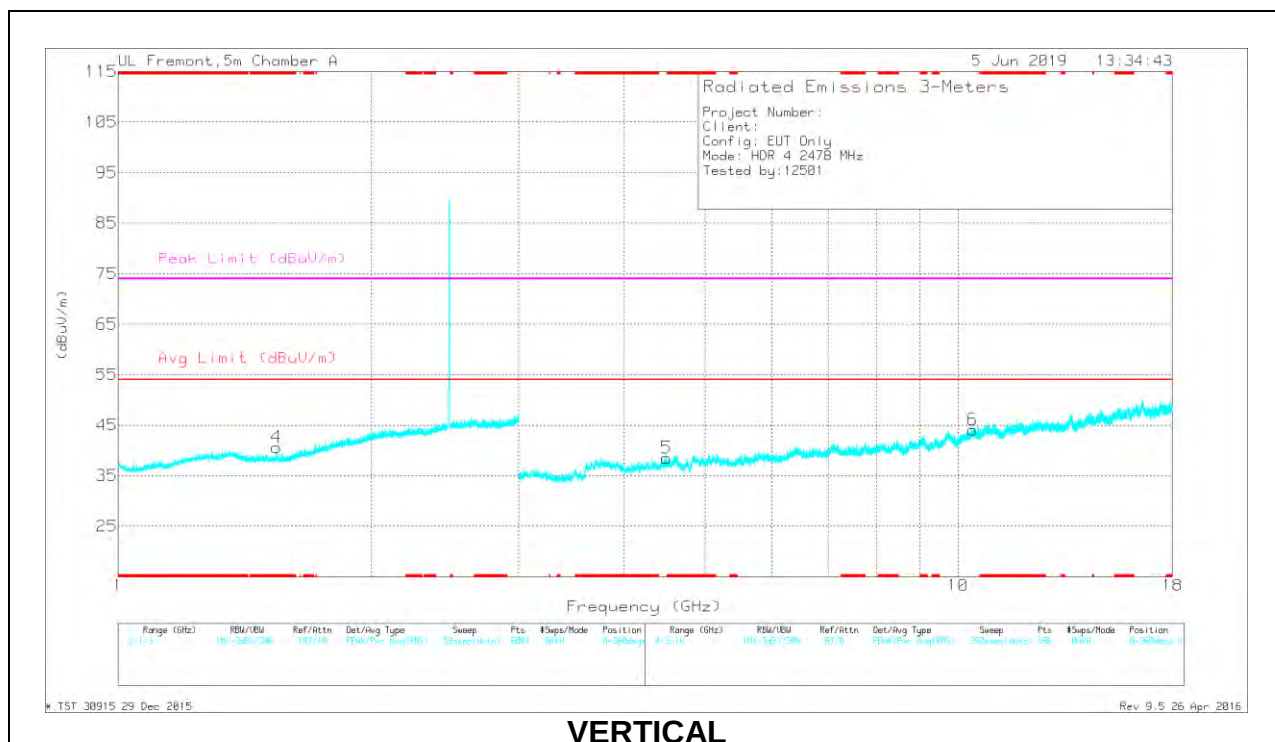
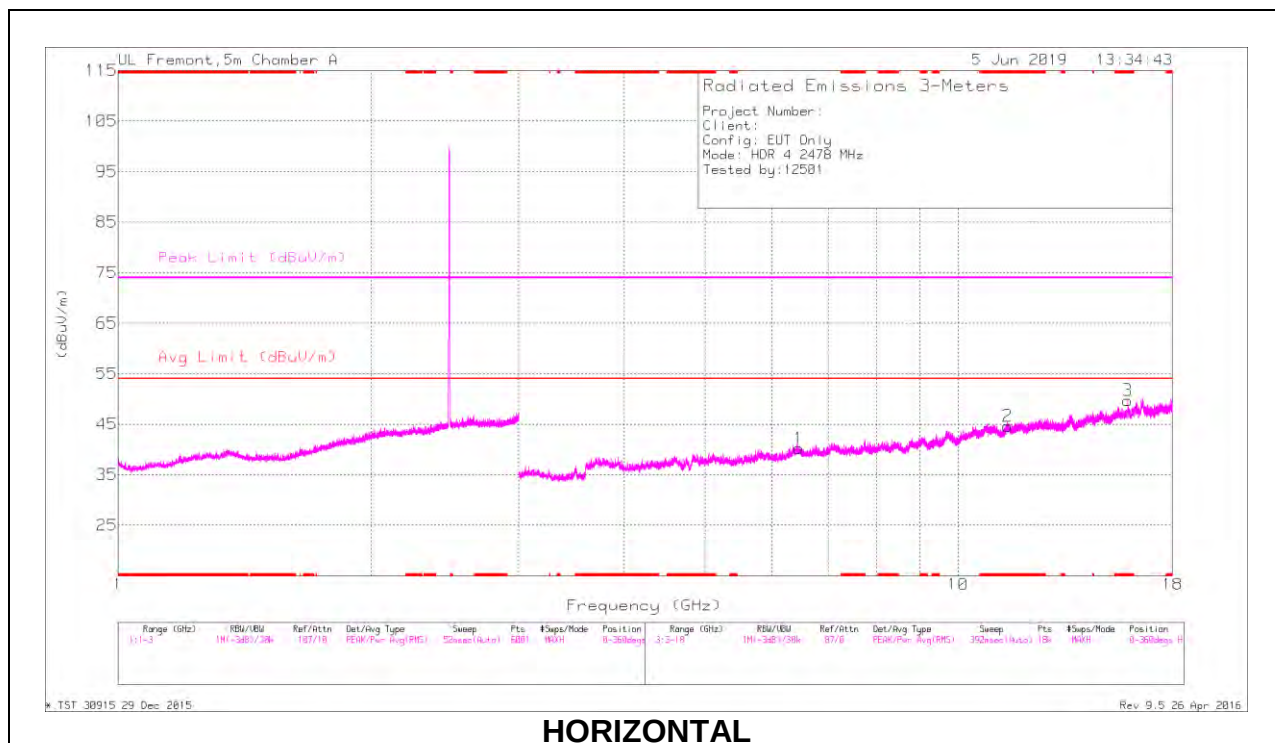
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.171	42.47	PK2	27.9	-25	45.37	-	-	74	-28.63	7	100	H
	* 1.169	31.76	MAv1	27.9	-25	34.66	54	-19.34	-	-	7	100	H
2	* 4.884	37.42	PK2	34.1	-26.8	44.72	-	-	74	-29.28	218	298	H
	* 4.884	27.58	MAv1	34.1	-26.8	34.88	54	-19.12	-	-	218	298	H
5	* 3.711	39.55	PK2	33.3	-28.6	44.25	-	-	74	-29.75	30	159	V
	* 3.708	29.26	MAv1	33.3	-28.7	33.86	54	-20.14	-	-	30	159	V
4	1.941	41.7	PK2	31.1	-23.8	49	-	-	-	-	67	142	V
6	6.26	36.27	PK2	35.8	-26.2	45.87	-	-	-	-	88	114	V
3	6.908	35.19	PK2	35.9	-24.6	46.49	-	-	-	-	109	199	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.543	42.43	PK2	28.2	-24.4	46.23	-	-	74	-27.77	1	124	V
	* 1.545	31.57	MAv1	28.1	-24.4	35.27	54	-18.73	-	-	1	124	V
2	* 11.464	33.02	PK2	38.1	-19.7	51.42	-	-	74	-22.58	98	198	H
	* 11.463	23.24	MAv1	38.1	-19.7	41.64	54	-12.36	-	-	98	198	H
3	* 15.929	32.76	PK2	40.5	-17.6	55.66	-	-	74	-18.34	63	294	H
	* 15.929	22.79	MAv1	40.5	-17.6	45.69	54	-8.31	-	-	63	294	H
5	4.498	39.06	PK2	34	-28.1	44.96	-	-	-	-	105	308	V
1	6.462	36.07	PK2	35.9	-25	46.97	-	-	-	-	119	383	H
6	10.408	33.18	PK2	37.5	-20.4	50.28	-	-	-	-	181	203	V

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

PK2 - KDB558074 Method: Maximum Peak

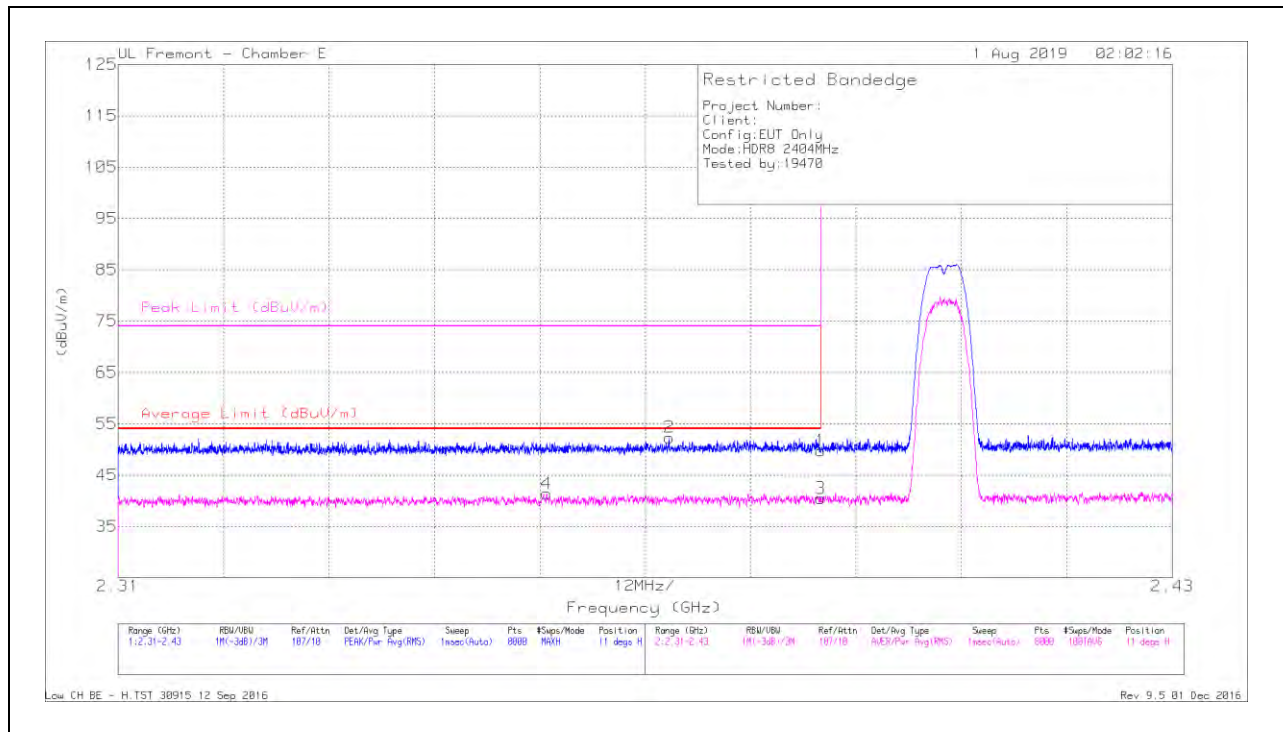
MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.8. BEAMFORMING LOW POWER HDR (HDR8)

Antenna 4 + Antenna 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



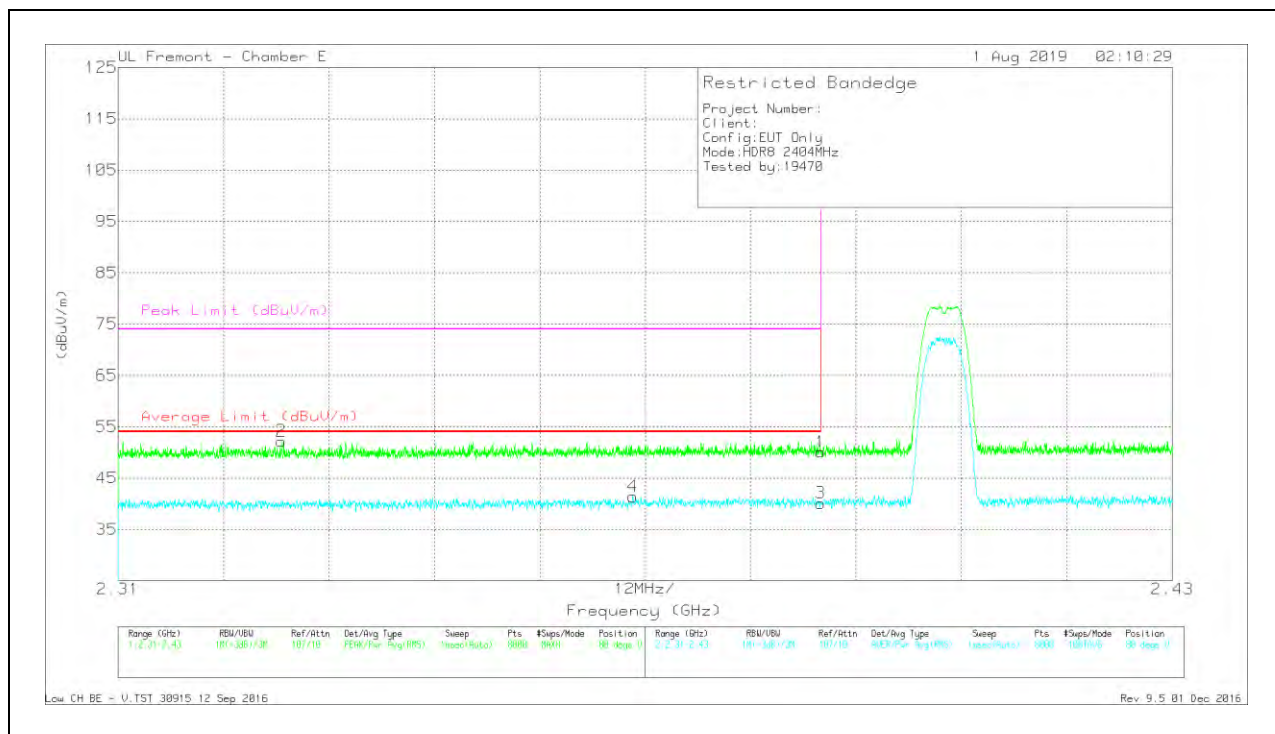
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.359	35.59	RMS	32.1	-26.3	41.39	54	-12.61	-	-	11	108	H
2	* 2.373	46.44	Pk	32.2	-26.3	52.34	-	-	74	-21.66	11	108	H
1	* 2.39	43.66	Pk	32.3	-26.2	49.76	-	-	74	-24.24	11	108	H
3	* 2.39	34.36	RMS	32.3	-26.2	40.46	54	-13.54	-	-	11	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 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
2	* 2.329	46.5	Pk	32	-26.3	52.2	-	-	74	-21.8	80	389	V
4	* 2.369	35.47	RMS	32.2	-26.3	41.37	54	-12.63	-	-	80	389	V
1	* 2.39	43.99	Pk	32.3	-26.2	50.09	-	-	74	-23.91	80	389	V
3	* 2.39	34.02	RMS	32.3	-26.2	40.12	54	-13.88	-	-	80	389	V

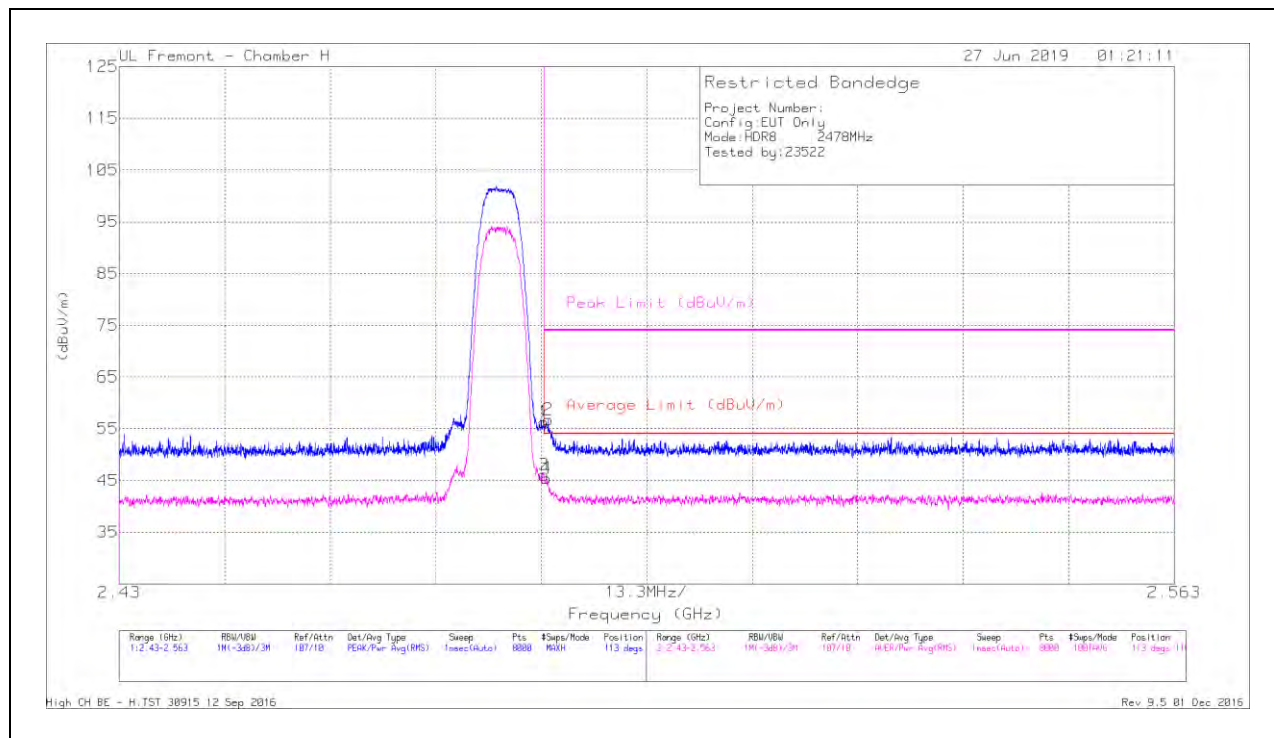
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



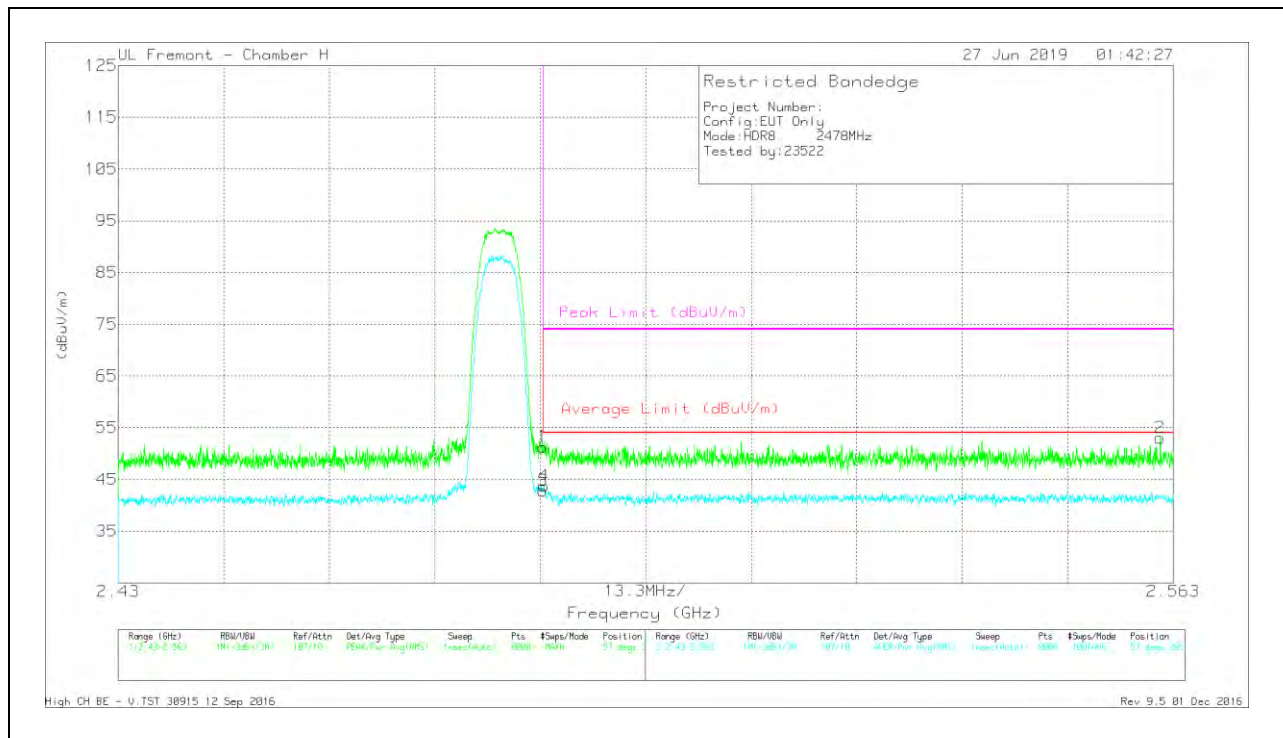
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.1	Pk	32.5	-23.3	56.3	-	-	74	-17.7	113	110	H
2	* 2.484	47.56	Pk	32.5	-23.3	56.76	-	-	74	-17.24	113	110	H
3	* 2.484	36.89	RMS	32.5	-23.3	46.09	54	-7.91	-	-	113	110	H
4	* 2.484	36.24	RMS	32.5	-23.3	45.44	54	-8.56	-	-	113	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 T863 (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
1	* 2.484	42.07	Pk	32.5	-23.3	51.27	-	-	74	-22.73	57	365	V
3	* 2.484	33.62	RMS	32.5	-23.3	42.82	54	-11.18	-	-	57	365	V
4	* 2.484	34.52	RMS	32.5	-23.3	43.72	54	-10.28	-	-	57	365	V
2	2.561	43.63	Pk	32.5	-23.1	53.03	-	-	74	-20.97	57	365	V

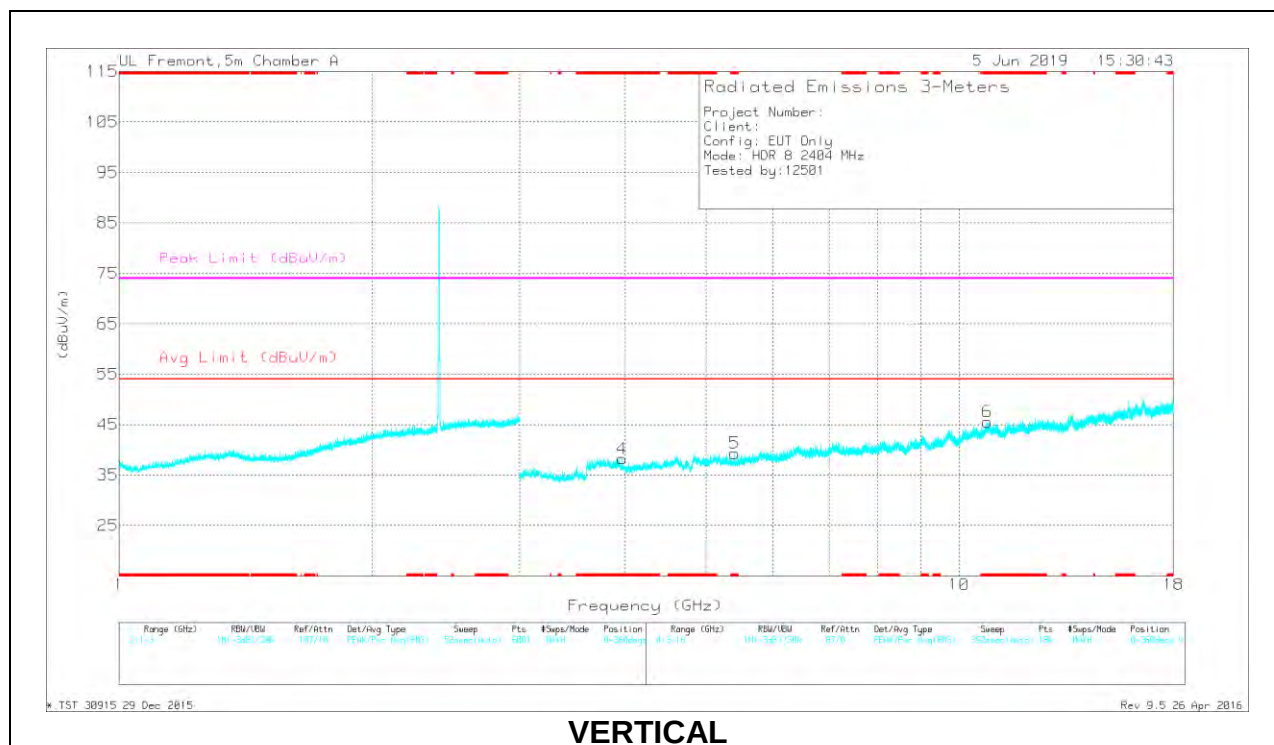
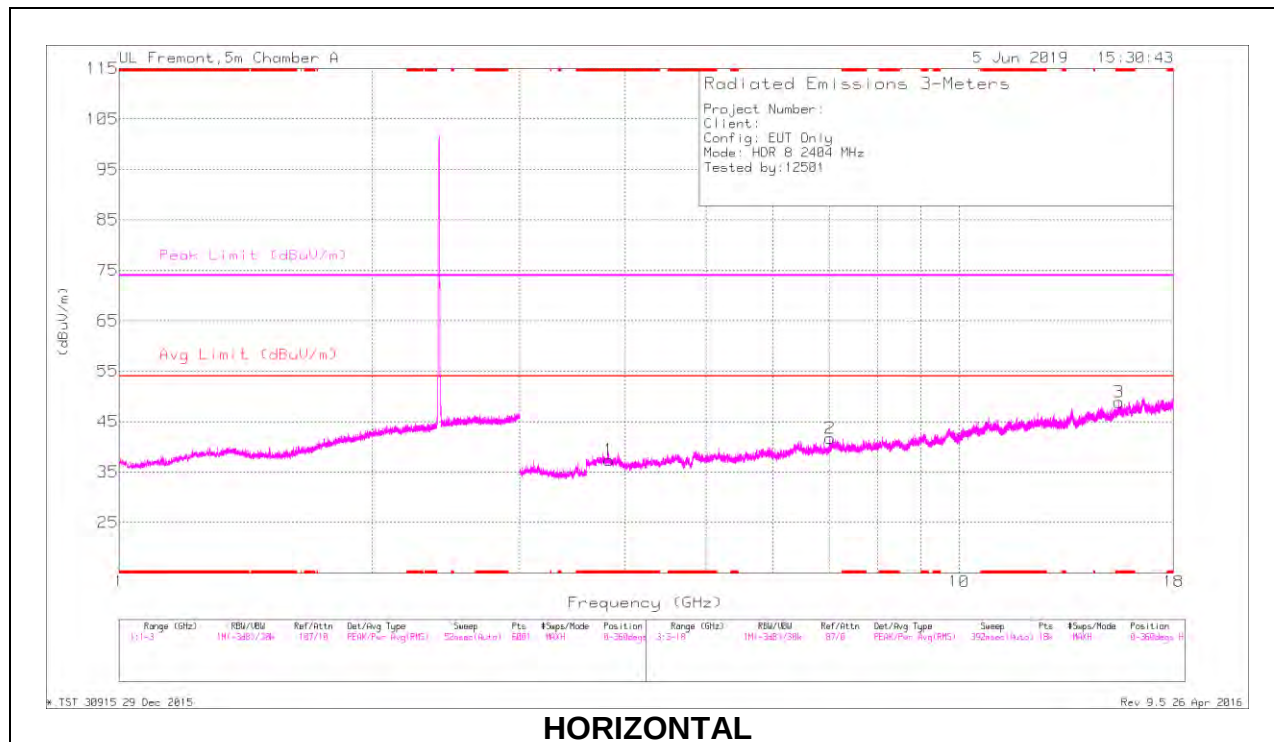
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

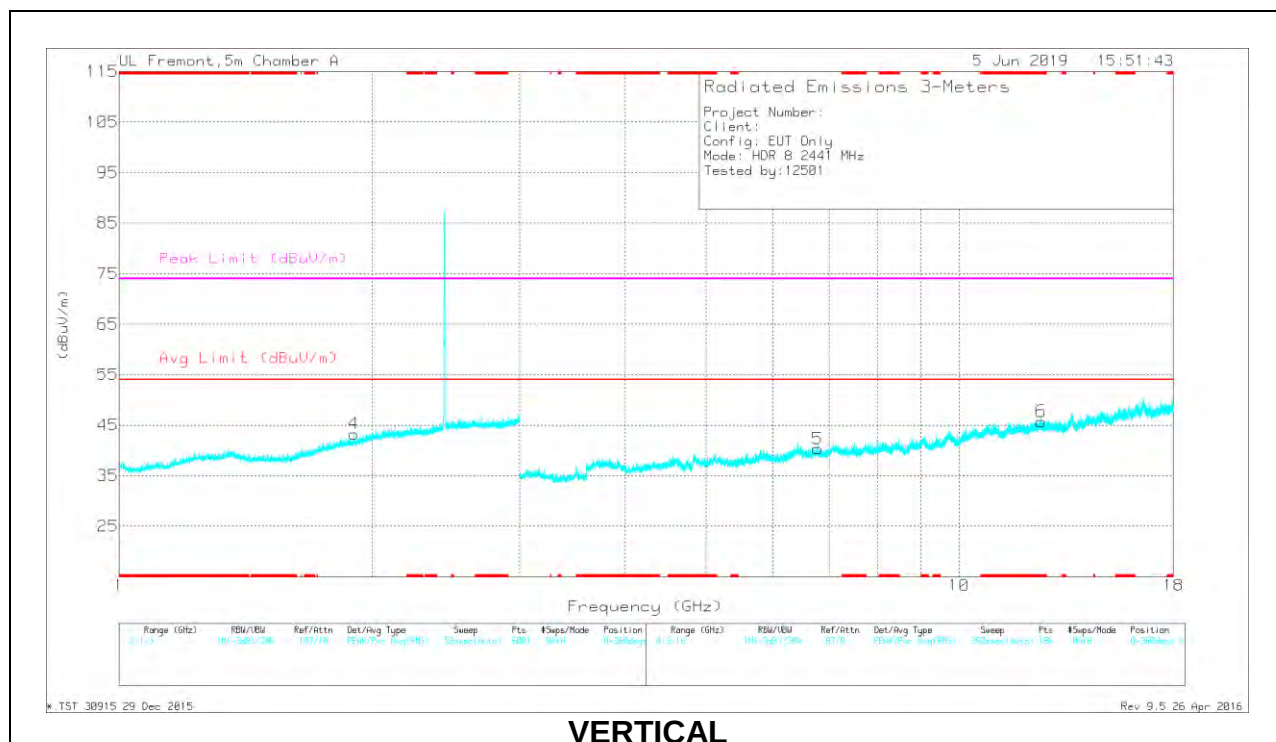
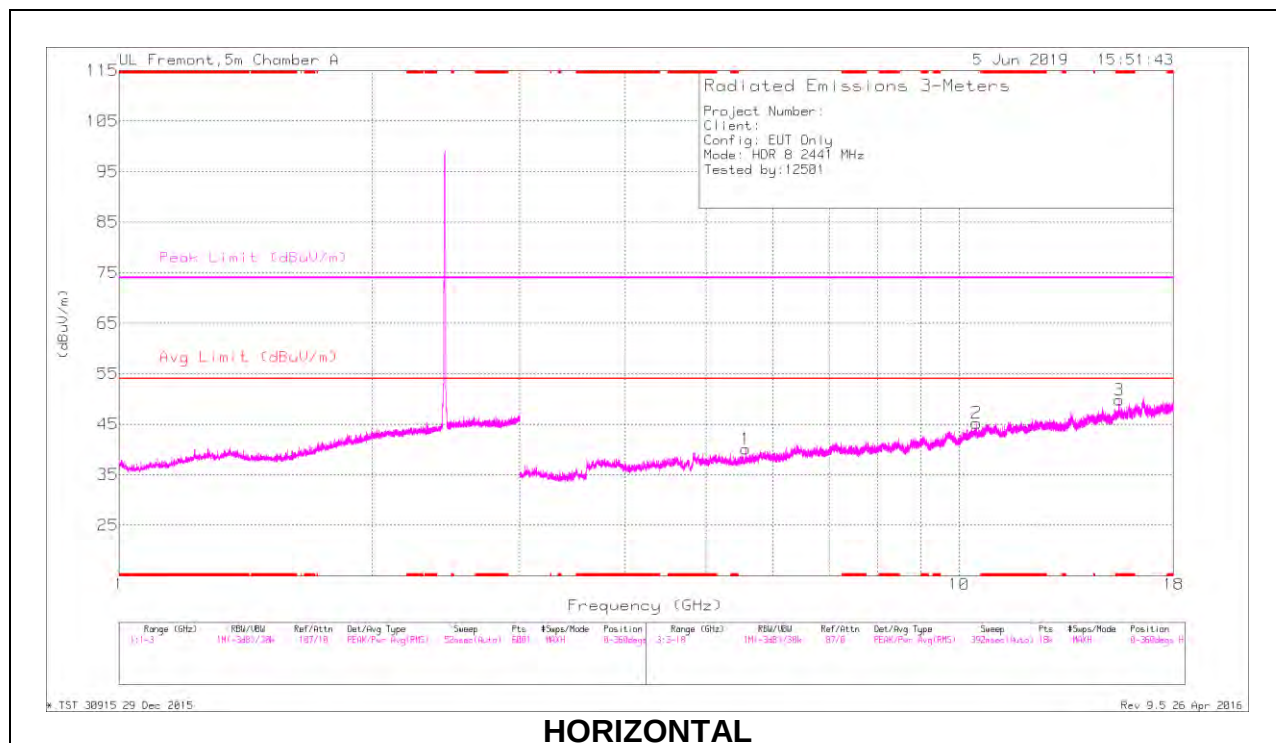
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.833	39.63	PK2	33.7	-28.9	44.43	-	-	74	-29.57	81	109	H
	* 3.831	29.54	MAv1	33.7	-28.9	34.34	54	-19.66	-	-	81	109	H
3	* 15.503	33.24	PK2	40.5	-19.1	54.64	-	-	74	-19.36	132	201	H
	* 15.504	23.19	MAv1	40.5	-19	44.69	54	-9.31	-	-	132	201	H
4	* 3.969	38.76	PK2	33.5	-29.1	43.16	-	-	74	-30.84	187	329	V
	* 3.969	29.21	MAv1	33.5	-29.1	33.61	54	-20.39	-	-	187	329	V
5	* 5.406	38.62	PK2	34.9	-27.4	46.12	-	-	74	-27.88	200	118	V
	* 5.406	27.3	MAv1	34.9	-27.4	34.8	54	-19.2	-	-	200	118	V
6	* 10.808	32.97	PK2	37.9	-19.9	50.97	-	-	74	-23.03	288	157	V
	* 10.809	23.22	MAv1	38	-19.9	41.32	54	-12.68	-	-	288	157	V
2	7.021	35.44	PK2	36	-24.5	46.94	-	-	-	-	323	302	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



RADIATED EMISSIONS

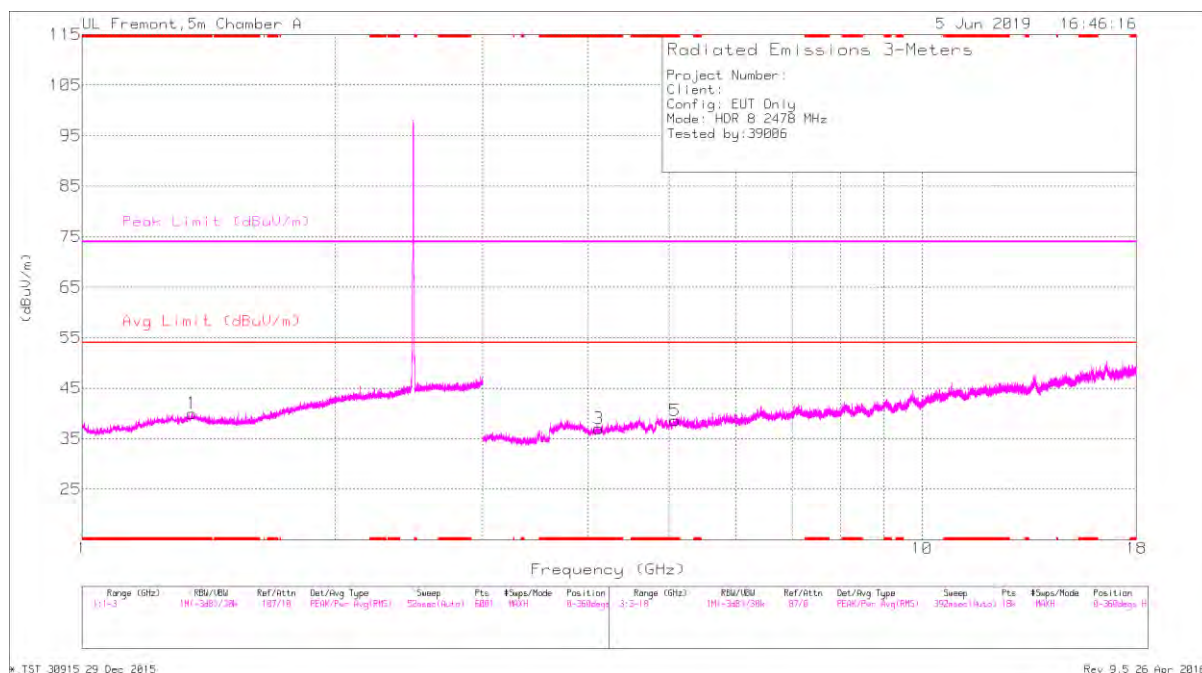
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 15.518	33.49	PK2	40.5	-18.9	55.09	-	-	74	-18.91	16	102	H
	* 15.517	23.36	MAv1	40.5	-19	44.86	54	-9.14	-	-	16	102	H
6	* 12.529	33.14	PK2	39.1	-19.8	52.44	-	-	74	-21.56	24	141	V
	* 12.528	23.01	MAv1	39.1	-19.8	42.31	54	-11.69	-	-	24	141	V
4	1.903	42.21	PK2	30.9	-23.9	49.21	-	-	-	-	19	292	V
1	5.57	37.43	PK2	34.9	-27.1	45.23	-	-	-	-	94	216	H
5	6.786	34.81	PK2	35.9	-24.1	46.61	-	-	-	-	118	190	V
2	10.491	33.69	PK2	37.7	-20.6	50.79	-	-	-	-	317	123	H

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

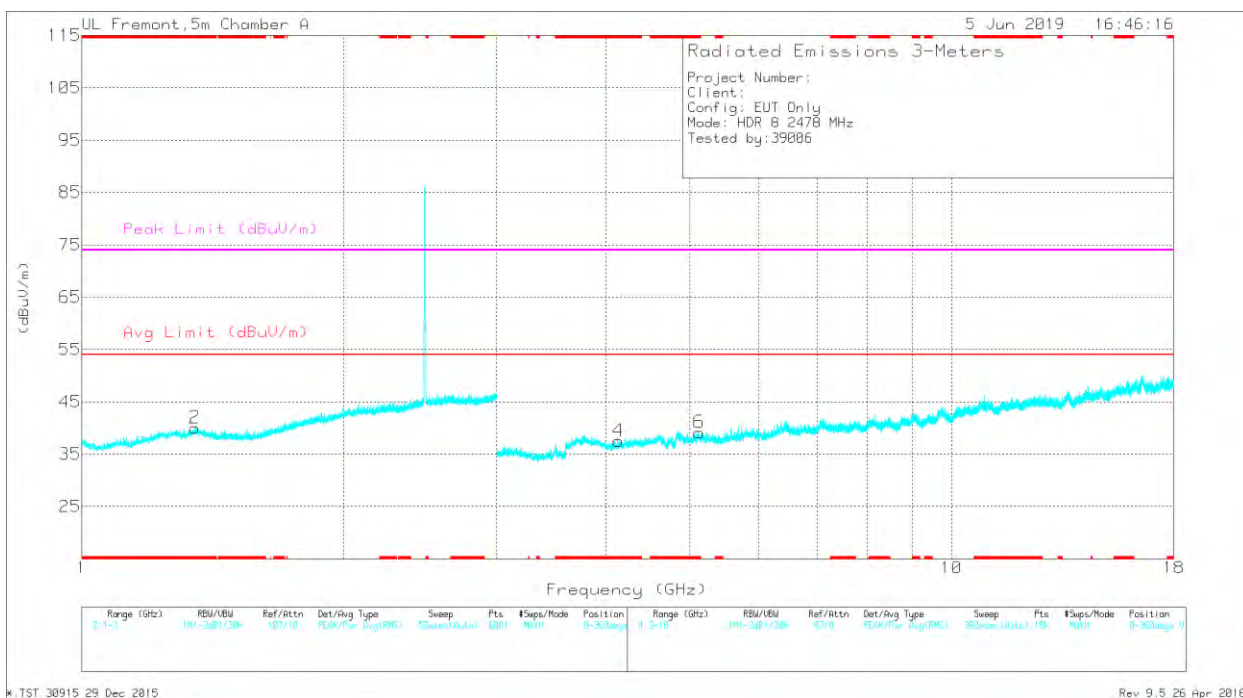
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.348	42.54	PK2	29.4	-25	46.94	-	-	74	-27.06	63	199	H
	* 1.35	31.68	MAv1	29.5	-25	36.18	54	-17.82	-	-	63	199	H
2	* 1.349	42.3	PK2	29.4	-25	46.7	-	-	74	-27.3	87	102	V
	* 1.349	31.9	MAv1	29.5	-25	36.4	54	-17.6	-	-	87	102	V
3	* 4.123	39.08	PK2	33.5	-28.7	43.88	-	-	74	-30.12	60	187	H
	* 4.124	28.76	MAv1	33.5	-28.7	33.56	54	-20.44	-	-	60	187	H
5	* 5.081	38.9	PK2	34.4	-28	45.3	-	-	74	-28.7	45	102	H
	* 5.082	28.58	MAv1	34.4	-28	34.98	54	-19.02	-	-	45	102	H
4	* 4.139	39.51	PK2	33.4	-28.8	44.11	-	-	74	-29.89	49	195	V
	* 4.14	28.95	MAv1	33.4	-28.9	33.45	54	-20.55	-	-	49	195	V
6	* 5.124	39.07	PK2	34.6	-27.2	46.47	-	-	74	-27.53	38	170	V
	* 5.125	28.14	MAv1	34.6	-27.2	35.54	54	-18.46	-	-	38	170	V

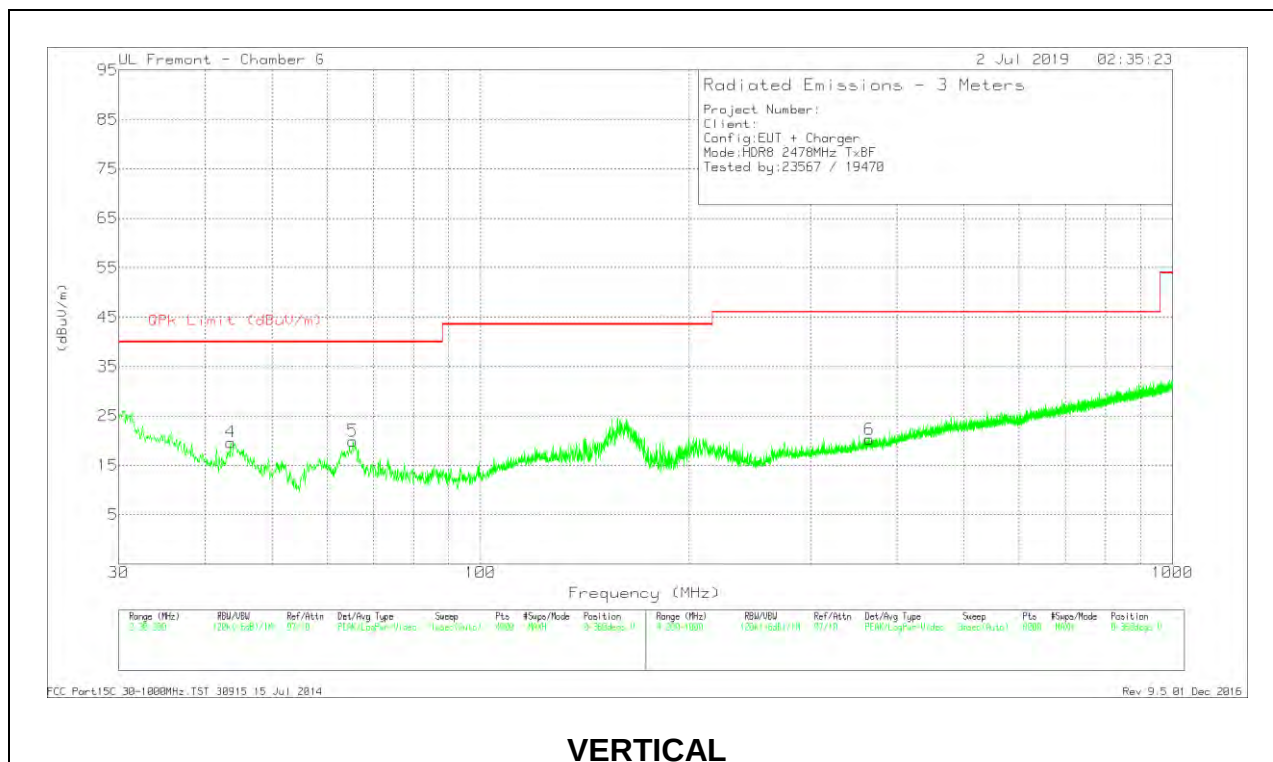
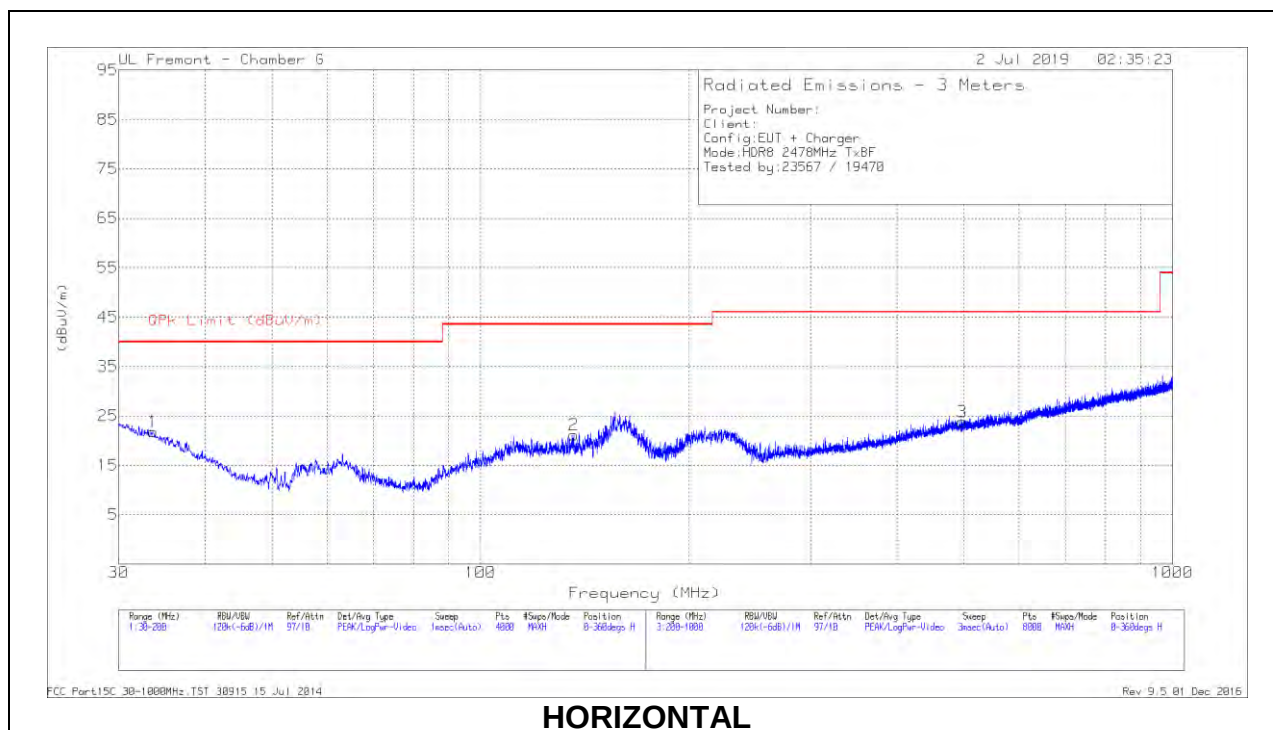
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.3. WORST CASE BELOW 1 GHZ

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



DATA

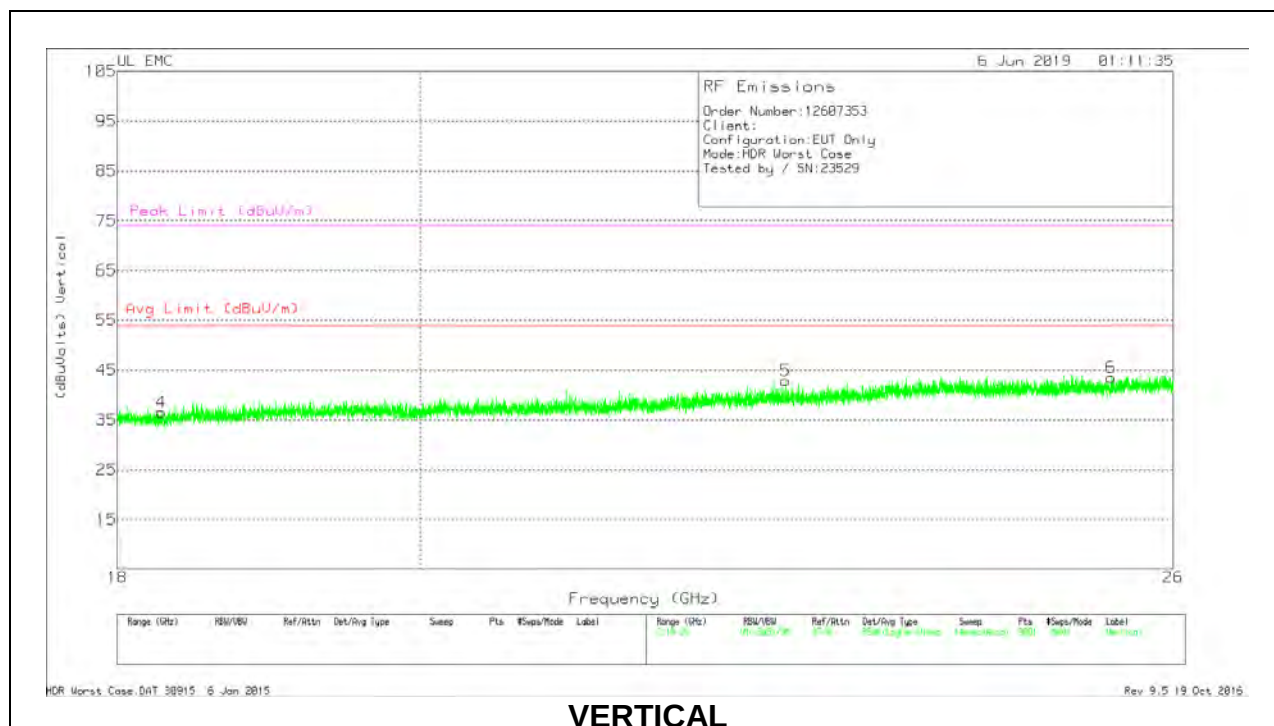
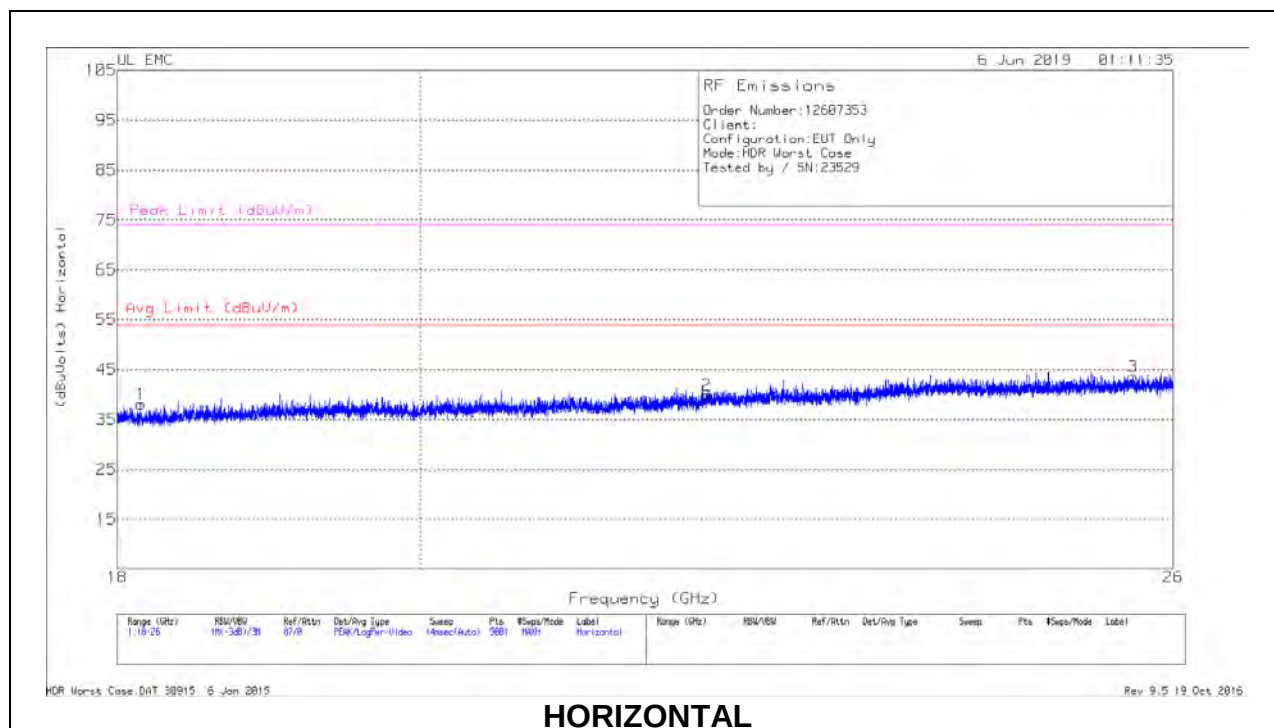
Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0181574 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
43.8806	28.02	Qp	16.7	-27	17.72	40	-22.28	303	201	H
43.9189	33.84	Pk	16.6	-27	23.44	40	-16.56	237	141	V
82.078	41.08	Qp	13.2	-26.5	27.78	40	-12.22	180	120	V
82.637	38.15	Qp	13.2	-26.5	24.85	40	-15.15	291	180	H
228.7665	23.61	Qp	16.9	-24.8	15.71	46.02	-30.31	112	185	H
778.6977	22.3	Qp	27	-23.4	25.9	46.02	-20.12	166	261	V

Pk - Peak detector

Qp - Quasi-Peak detector

9.4. 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	18.148	37.72	Pk	32.3	-22.4	-9.5	38.12	54	-15.88	74	-35.88
2	22.096	36.28	Pk	33.4	-20.3	-9.5	39.88	54	-14.12	74	-34.12
3	25.638	38.71	Pk	34.4	-20	-9.5	43.61	54	-10.39	74	-30.39
4	18.278	36.18	Pk	32.3	-22.4	-9.5	36.58	54	-17.42	74	-37.42
5	22.715	39.4	Pk	33.5	-20.5	-9.5	42.9	54	-11.1	74	-31.1
6	25.441	38.42	Pk	34.5	-19.9	-9.5	43.52	54	-10.48	74	-30.48

Pk - Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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

^{*} Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

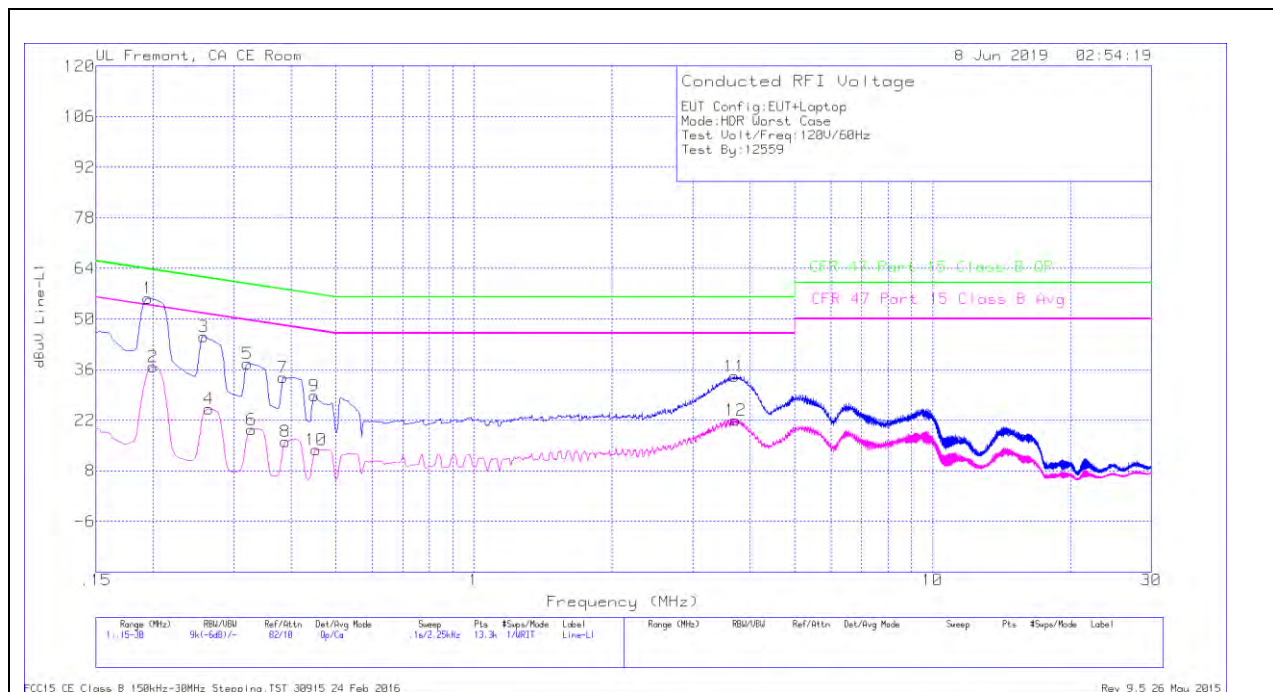
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.1.1. AC Power Line Host

LINE 1 RESULTS

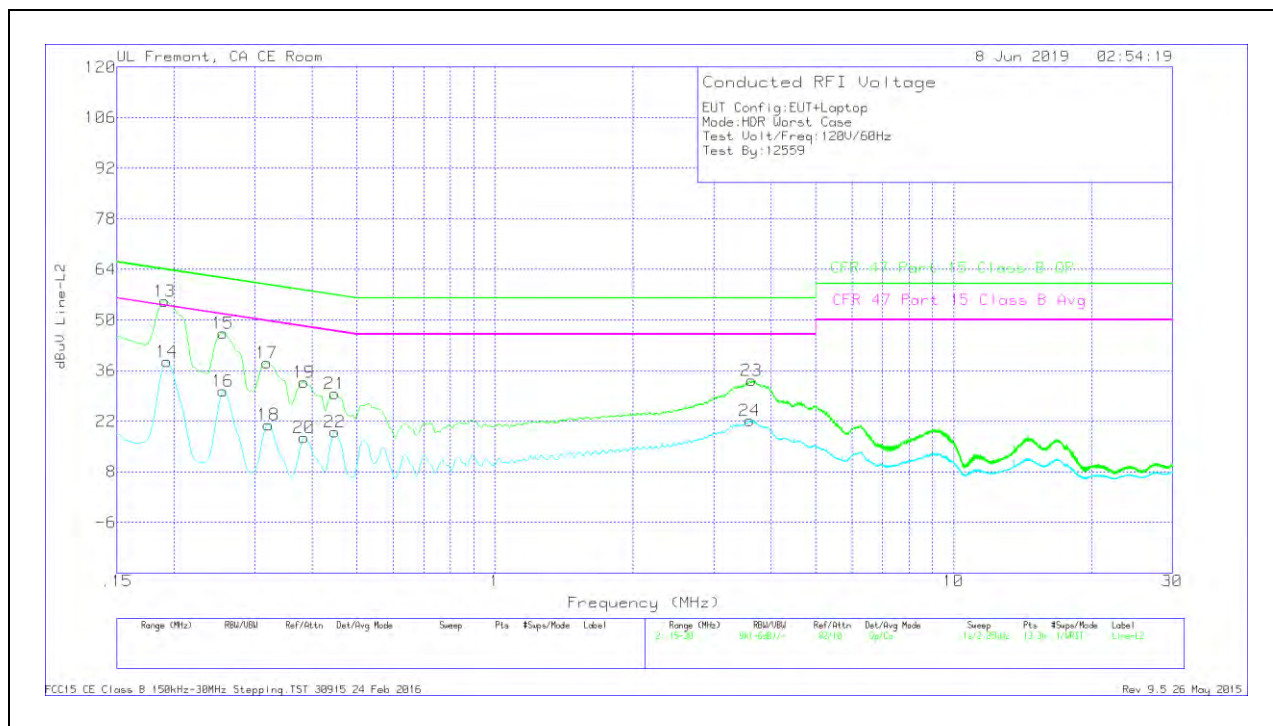


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.195	45.61	Qp	0	0	10.1	55.71	63.82	-8.11	-	-
2	.1995	26.67	Ca	0	0	10.1	36.77	-	-	53.63	-16.86
3	.258	35.1	Qp	0	0	10.1	45.2	61.5	-16.3	-	-
4	.26475	14.97	Ca	0	0	10.1	25.07	-	-	51.28	-26.21
5	.321	27.63	Qp	0	0	10.1	37.73	59.68	-21.95	-	-
6	.32775	9.33	Ca	0	0	10.1	19.43	-	-	49.51	-30.08
7	.384	23.67	Qp	0	0	10.1	33.77	58.19	-24.42	-	-
8	.3885	5.96	Ca	0	0	10.1	16.06	-	-	48.1	-32.04
9	.44925	18.63	Qp	0	0	10.1	28.73	56.89	-28.16	-	-
10	.45375	3.82	Ca	0	0	10.1	13.92	-	-	46.81	-32.89
11	3.696	23.93	Qp	0	.1	10.1	34.13	56	-21.87	-	-
12	3.7185	11.89	Ca	0	.1	10.1	22.09	-	-	46	-23.91

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



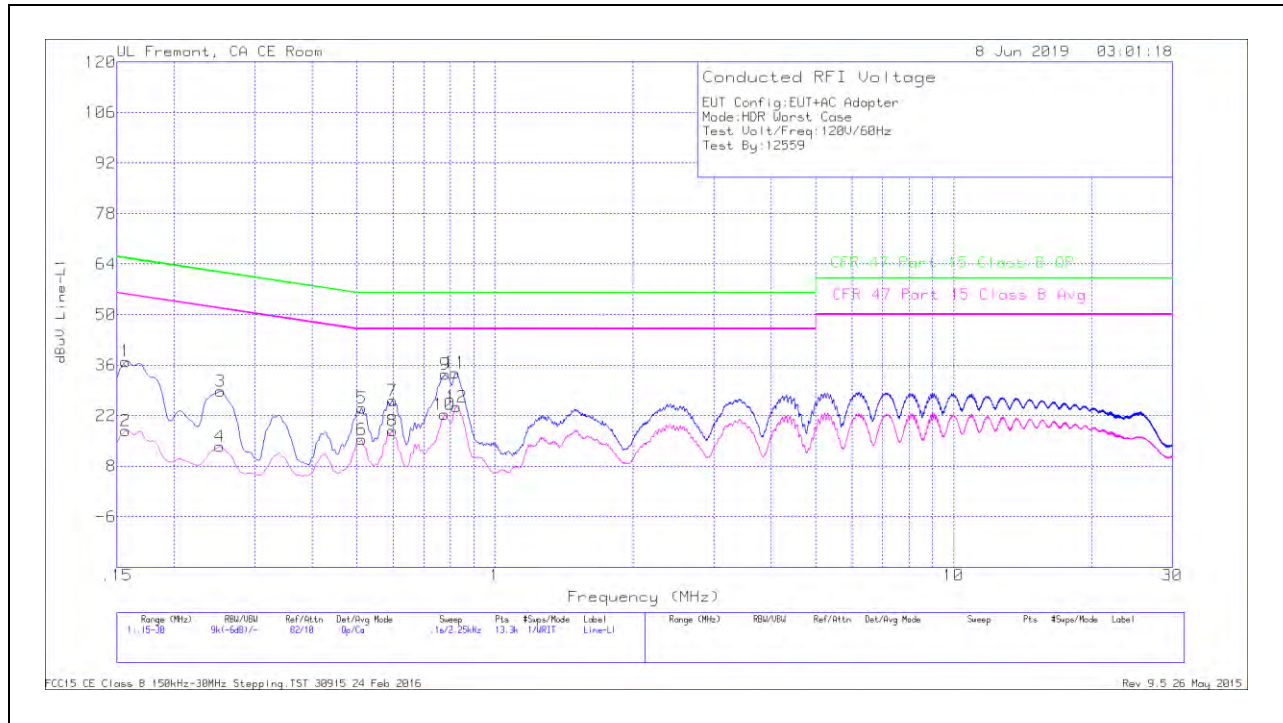
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.1905	45.11	Qp	0	0	10.1	55.21	64.01	-8.8	-	-
14	.19275	28.45	Ca	0	0	10.1	38.55	-	-	53.92	-15.37
15	.25575	36.28	Qp	0	0	10.1	46.38	61.57	-15.19	-	-
16	.25575	20.22	Ca	0	0	10.1	30.32	-	-	51.57	-21.25
17	.31875	28.13	Qp	0	0	10.1	38.23	59.74	-21.51	-	-
18	.321	10.95	Ca	0	0	10.1	21.05	-	-	49.68	-28.63
19	.384	22.67	Qp	0	0	10.1	32.77	58.19	-25.42	-	-
20	.384	7.47	Ca	0	0	10.1	17.57	-	-	48.19	-30.62
21	.447	19.64	Qp	0	0	10.1	29.74	56.93	-27.19	-	-
22	.447	9.03	Ca	0	0	10.1	19.13	-	-	46.93	-27.8
23	3.6285	23.04	Qp	0	.1	10.1	33.24	56	-22.76	-	-
24	3.5925	11.94	Ca	0	.1	10.1	22.14	-	-	46	-23.86

Qp - Quasi-Peak detector

Ca - CISPR average detection

10.1.2. AC Power Line Norm

LINE 1 RESULTS

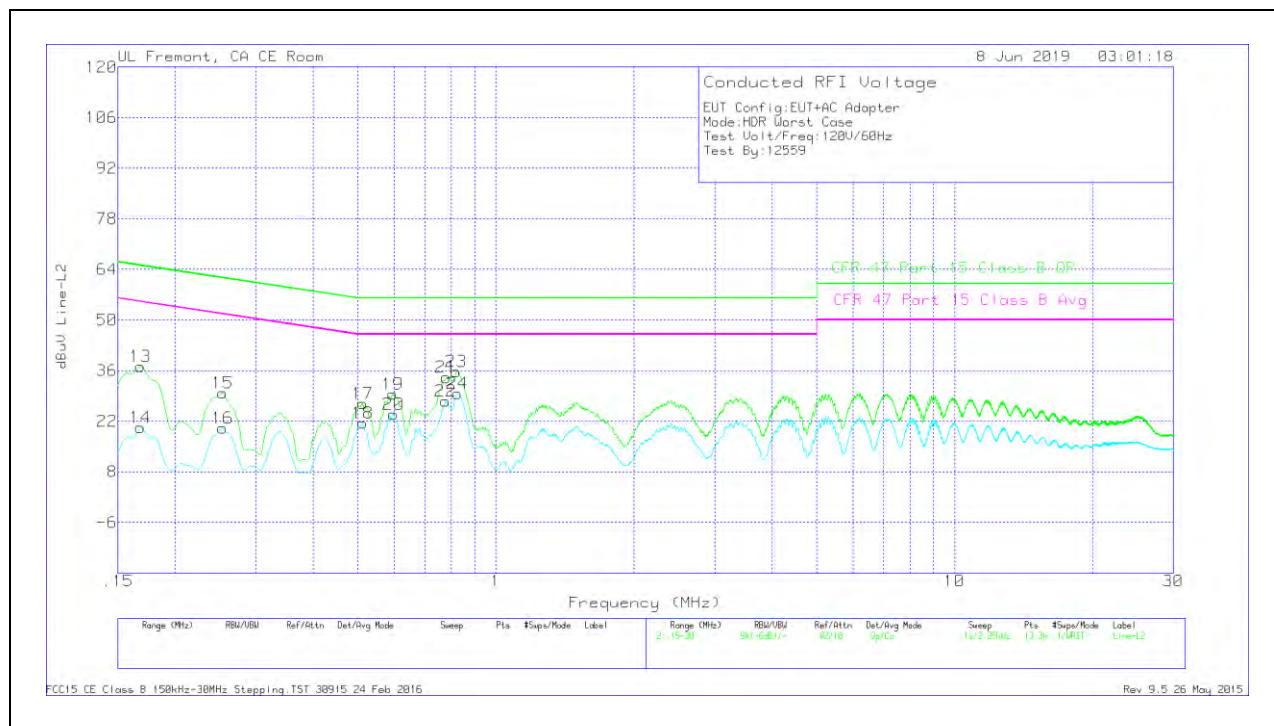


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.15675	26.85	Qp	.1	0	10.1	37.05	65.63	-28.58	-	-
2	.15675	7.71	Ca	.1	0	10.1	17.91	-	-	55.63	-37.72
3	.25238	18.7	Qp	0	0	10.1	28.8	61.68	-32.88	-	-
4	.25125	3.34	Ca	0	0	10.1	13.44	-	-	51.72	-38.28
5	.51225	14.06	Qp	0	0	10.1	24.16	56	-31.84	-	-
6	.51225	5.24	Ca	0	0	10.1	15.34	-	-	46	-30.66
7	.59775	16.13	Qp	0	0	10.1	26.23	56	-29.77	-	-
8	.59775	7.8	Ca	0	0	10.1	17.9	-	-	46	-28.1
9	.78	23.38	Qp	0	0	10.1	33.48	56	-22.52	-	-
10	.77775	12.29	Ca	0	0	10.1	22.39	-	-	46	-23.61
11	.8205	23.82	Qp	0	0	10.1	33.92	56	-22.08	-	-
12	.825	14.34	Ca	0	0	10.1	24.44	-	-	46	-21.56

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBUV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBUV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.168	27.01	Qp	.1	0	10.1	37.21	65.06	-27.85	-	-
14	.168	10.06	Ca	.1	0	10.1	20.26	-	-	55.06	-34.8
15	.2535	19.68	Qp	0	0	10.1	29.78	61.64	-31.86	-	-
16	.2535	10.05	Ca	0	0	10.1	20.15	-	-	51.64	-31.49
17	.51225	16.71	Qp	0	0	10.1	26.81	56	-29.19	-	-
18	.51225	11.32	Ca	0	0	10.1	21.42	-	-	46	-24.58
19	.5955	19.36	Qp	0	0	10.1	29.46	56	-26.54	-	-
20	.59775	13.89	Ca	0	0	10.1	23.99	-	-	46	-22.01
21	.78	24	Qp	0	0	10.1	34.1	56	-21.9	-	-
22	.77775	17.43	Ca	0	0	10.1	27.53	-	-	46	-18.47
23	.8205	25.68	Qp	0	0	10.1	35.78	56	-20.22	-	-
24	.82612	19.53	Ca	0	0	10.1	29.63	-	-	46	-16.37

Qp - Quasi-Peak detector

Ca - CISPR average detection

END OF TEST REPORT

11. SETUP PHOTOS

Please refer to 12607353-EP1V1 for setup photos