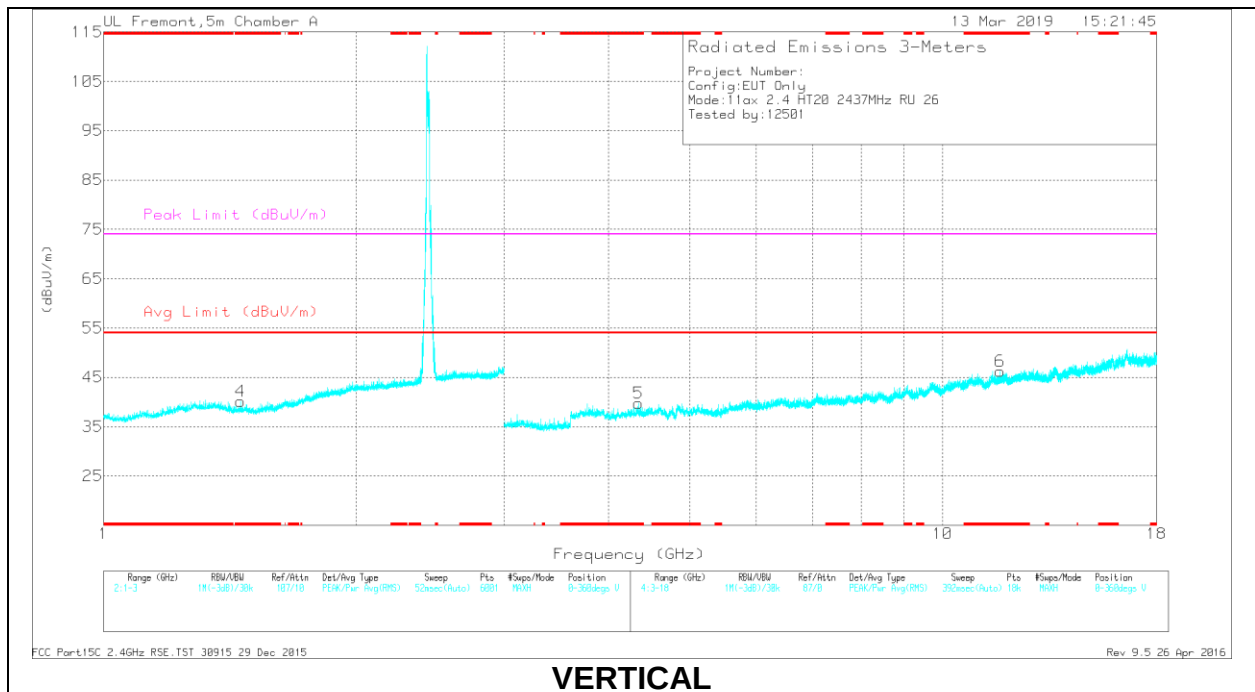
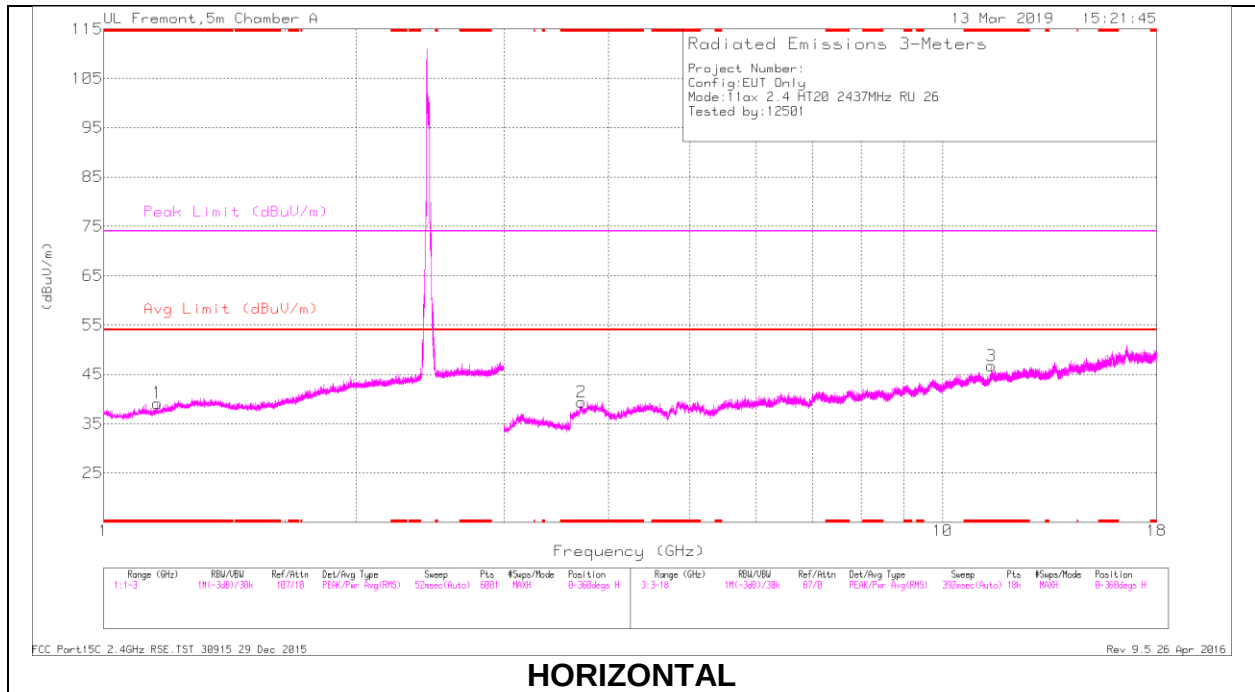


MID CHANNEL, CH 6 RESULTS



RADIATED EMISSIONS

Radiated Emissions

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 1.158	42.33	PK2	27.6	-25.1	44.83	-	-	74	-29.17	44	118	H
	* 1.157	31.81	MAv1	27.6	-25.1	34.31	54	-19.69	-	-	44	118	H
2	* 3.714	40.42	PK2	33.2	-28.6	45.02	-	-	74	-28.98	131	216	H
	* 3.714	29.99	MAv1	33.2	-28.6	34.59	54	-19.41	-	-	131	216	H
3	* 11.438	33.41	PK2	38.2	-19.6	52.01	-	-	74	-21.99	166	315	H
	* 11.436	23.39	MAv1	38.1	-19.6	41.89	54	-12.11	-	-	166	315	H
4	* 1.458	43.09	PK2	28.2	-24.8	46.49	-	-	74	-27.51	77	201	V
	* 1.457	31.91	MAv1	28.2	-24.8	35.31	54	-18.69	-	-	77	201	V
5	* 4.342	40.32	PK2	34	-28.6	45.72	-	-	74	-28.28	315	174	V
	* 4.341	29.69	MAv1	34	-28.6	35.09	54	-18.91	-	-	315	174	V
6	* 11.712	33.43	PK2	38.4	-20.2	51.63	-	-	74	-22.37	201	133	V
	* 11.715	23.62	MAv1	38.4	-20.2	41.82	54	-12.18	-	-	201	133	V

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

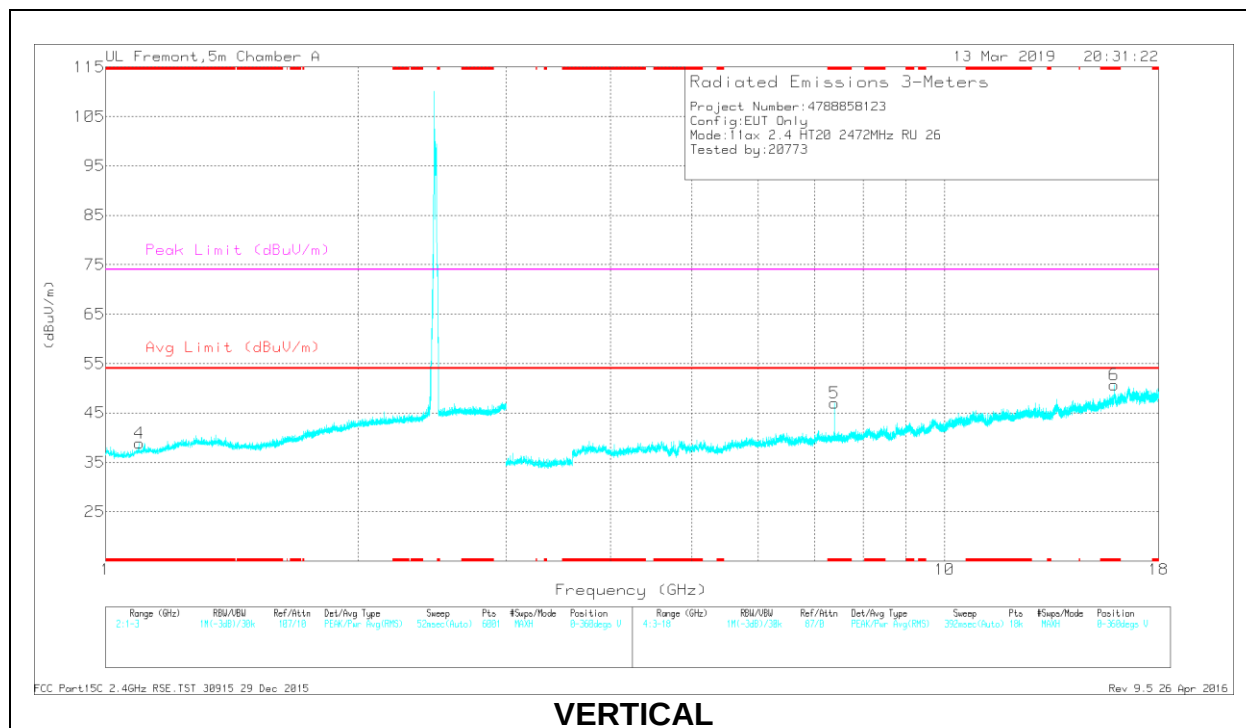
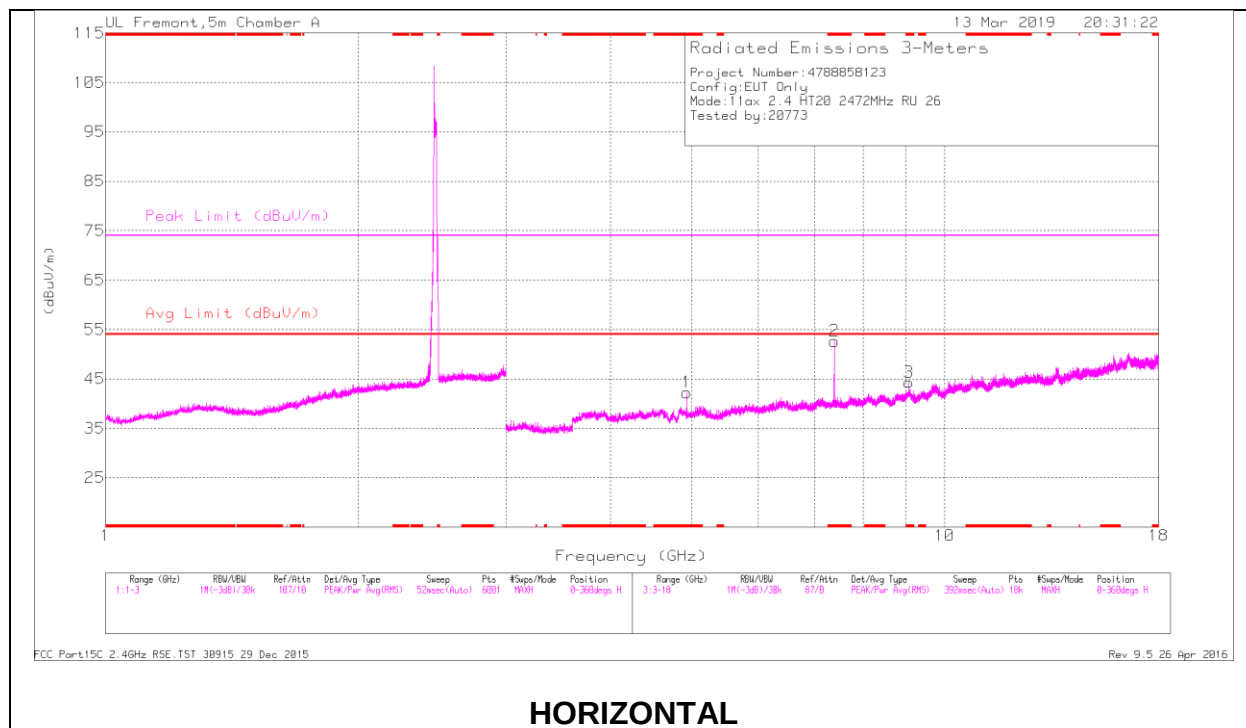
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 26 Apr 2016

HIGH CHANNEL, CH 13 RESULTS



RADIATED EMISSIONS

Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 4.927	38.15	PK2	34	-27.8	44.35	-	-	74	-29.65	76	101	H
	* 4.928	27.74	MAv1	34	-27.8	33.94	54	-20.06	-	-	76	101	H
2	* 7.388	34.92	PK2	35.7	-23.7	46.92	-	-	74	-27.08	221	130	H
	* 7.39	24.45	MAv1	35.7	-23.8	36.35	54	-17.65	-	-	221	130	H
3	* 9.072	34.44	PK2	36.4	-21.8	49.04	-	-	74	-24.96	150	209	H
	* 9.074	23.69	MAv1	36.4	-21.8	38.29	54	-15.71	-	-	150	209	H
4	* 1.097	43.03	PK2	27.6	-25.3	45.33	-	-	74	-28.67	338	342	V
	* 1.097	31.04	MAv1	27.6	-25.3	33.34	54	-20.66	-	-	338	342	V
5	* 7.39	35.06	PK2	35.7	-23.7	47.06	-	-	74	-26.94	30	185	V
	* 7.391	24.25	MAv1	35.7	-23.8	36.15	54	-17.85	-	-	30	185	V
6	* 15.934	32.51	PK2	41	-17.8	55.71	-	-	74	-18.29	360	228	V
	* 15.935	22.27	MAv1	41	-17.8	45.47	54	-8.53	-	-	360	228	V

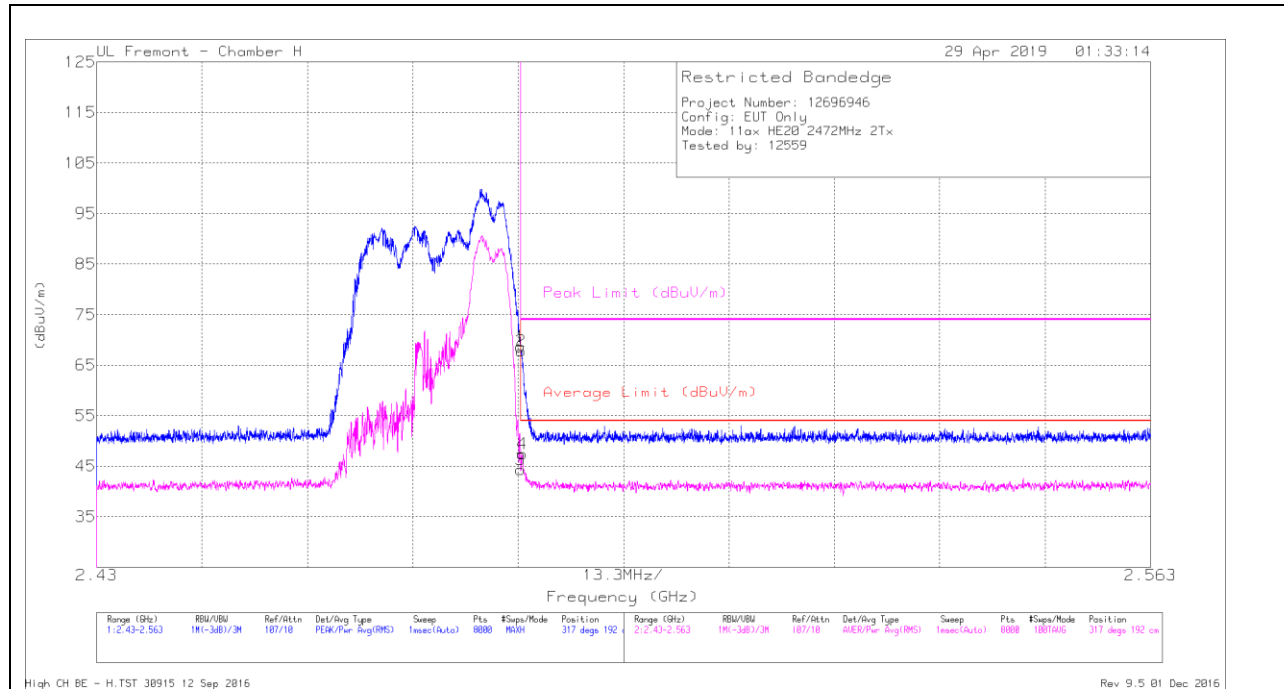
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 26 Apr 2016

BANDEDGE (HIGH CHANNEL, CH 13)**HORIZONTAL RESULT**

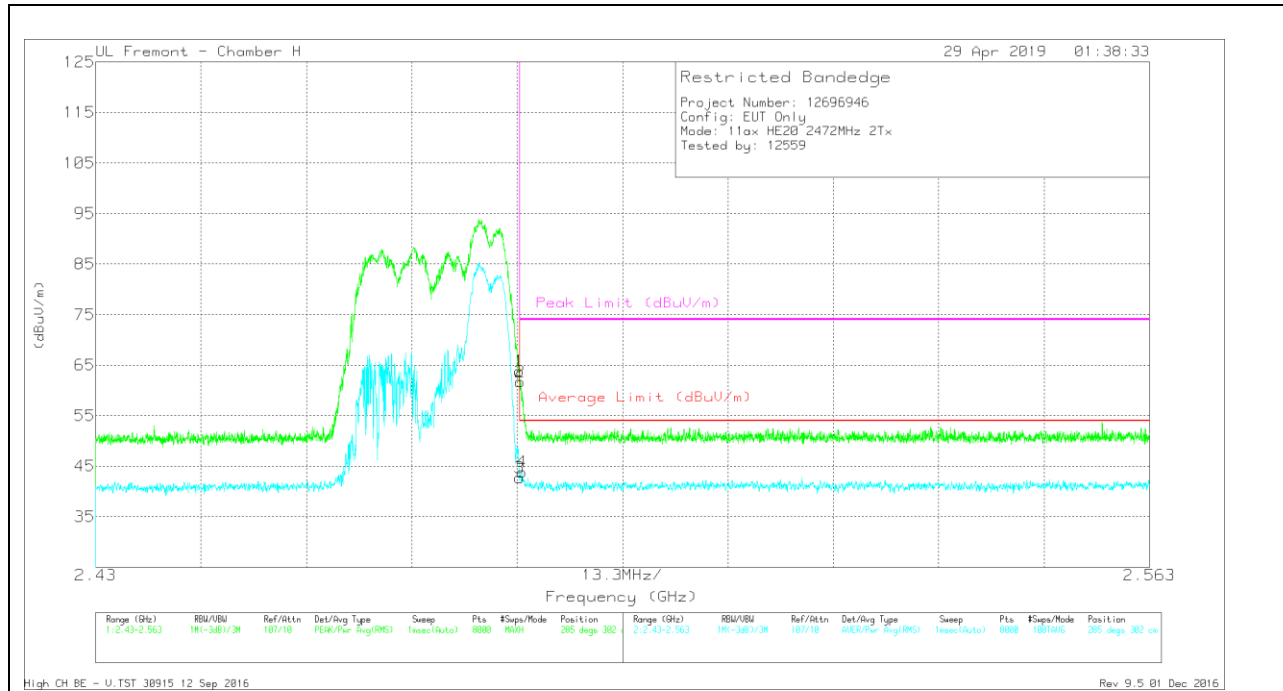
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Fltr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	59.62	Pk	32.3	-23.3	68.62	-	-	74	-5.38	317	192	H
2	* 2.484	58.83	Pk	32.3	-23.3	67.83	-	-	74	-6.17	317	192	H
3	* 2.484	35.33	RMS	32.3	-23.3	44.33	54	-9.67	-	-	317	192	H
4	* 2.484	38.47	RMS	32.3	-23.3	47.47	54	-6.53	-	-	317	192	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

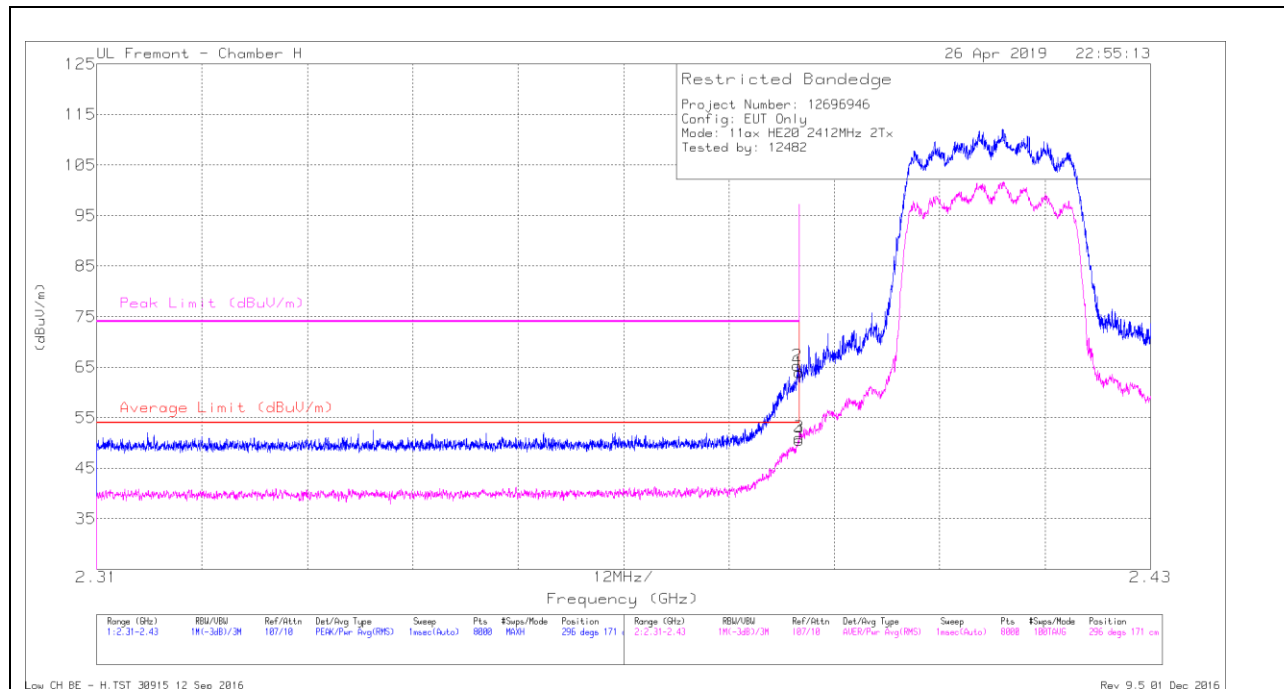


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.81	Pk	32.3	-23.3	63.81	-	-	74	-10.19	285	302	V
2	* 2.484	52.68	Pk	32.3	-23.3	61.68	-	-	74	-12.32	285	302	V
3	* 2.484	33.7	RMS	32.3	-23.3	42.7	54	-11.3	-	-	285	302	V
4	* 2.484	34.85	RMS	32.3	-23.3	43.85	54	-10.15	-	-	285	302	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 1)**HORIZONTAL RESULT**

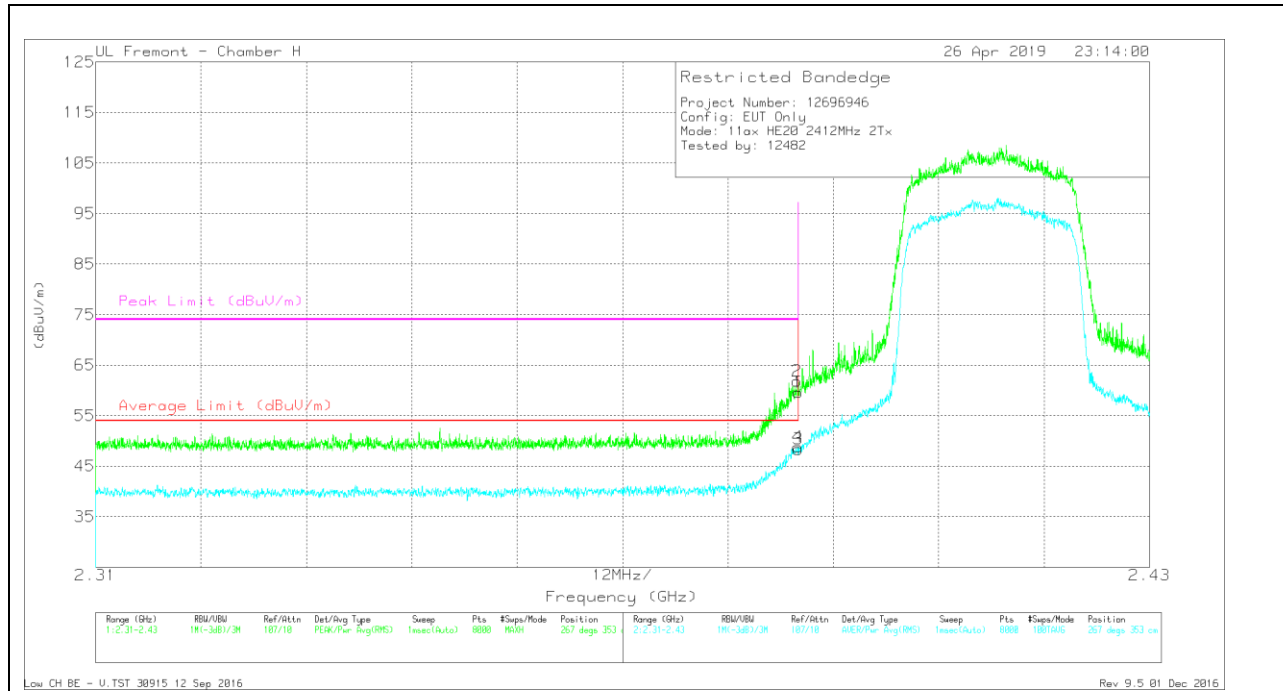
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Fltr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	55.82	Pk	31.6	-23.5	63.92	-	-	74	-10.08	296	171	H
2	* 2.39	57.27	Pk	31.6	-23.5	65.37	-	-	74	-8.63	296	171	H
3	* 2.39	43	RMS	31.6	-23.5	51.1	54	-2.9	-	-	296	171	H
4	* 2.39	42.4	RMS	31.6	-23.5	50.5	54	-3.5	-	-	296	171	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

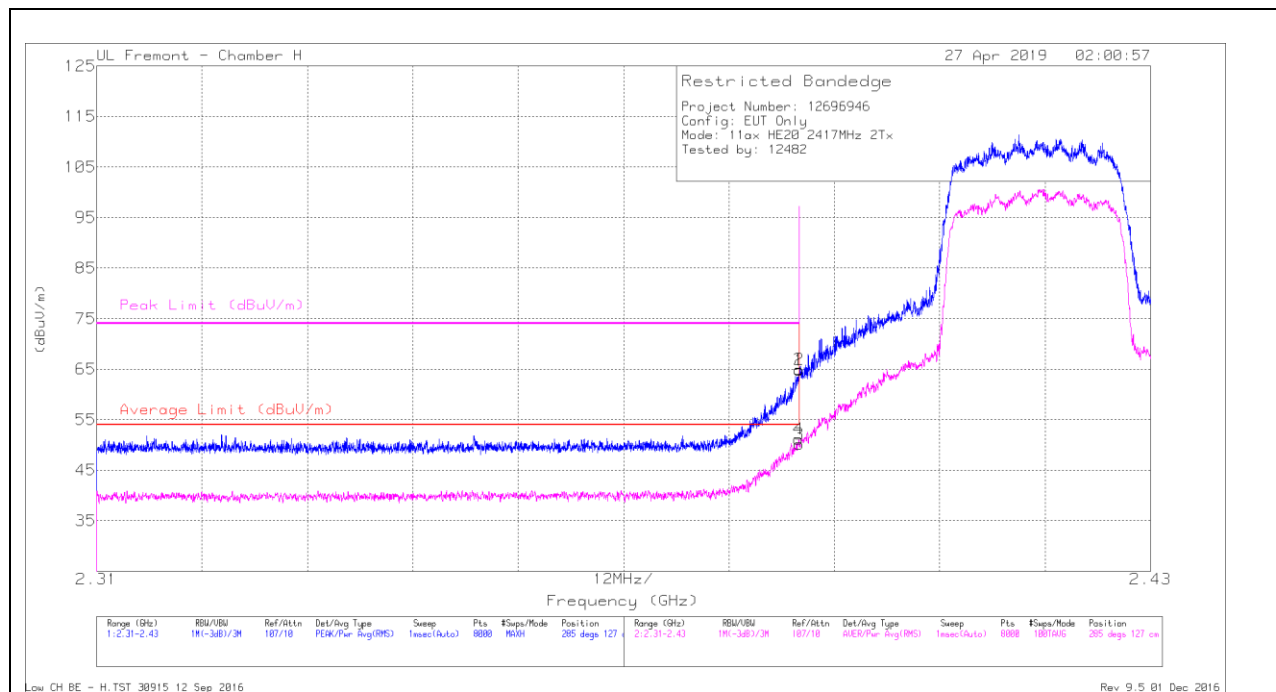


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	51.47	Pk	31.6	-23.5	59.57	-	-	74	-14.43	267	353	V
2	* 2.39	53.69	Pk	31.6	-23.5	61.79	-	-	74	-12.21	267	353	V
3	* 2.39	40.27	RMS	31.6	-23.5	48.37	54	-5.63	-	-	267	353	V
4	* 2.39	40.7	RMS	31.6	-23.5	48.8	54	-5.2	-	-	267	353	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)**HORIZONTAL RESULT**

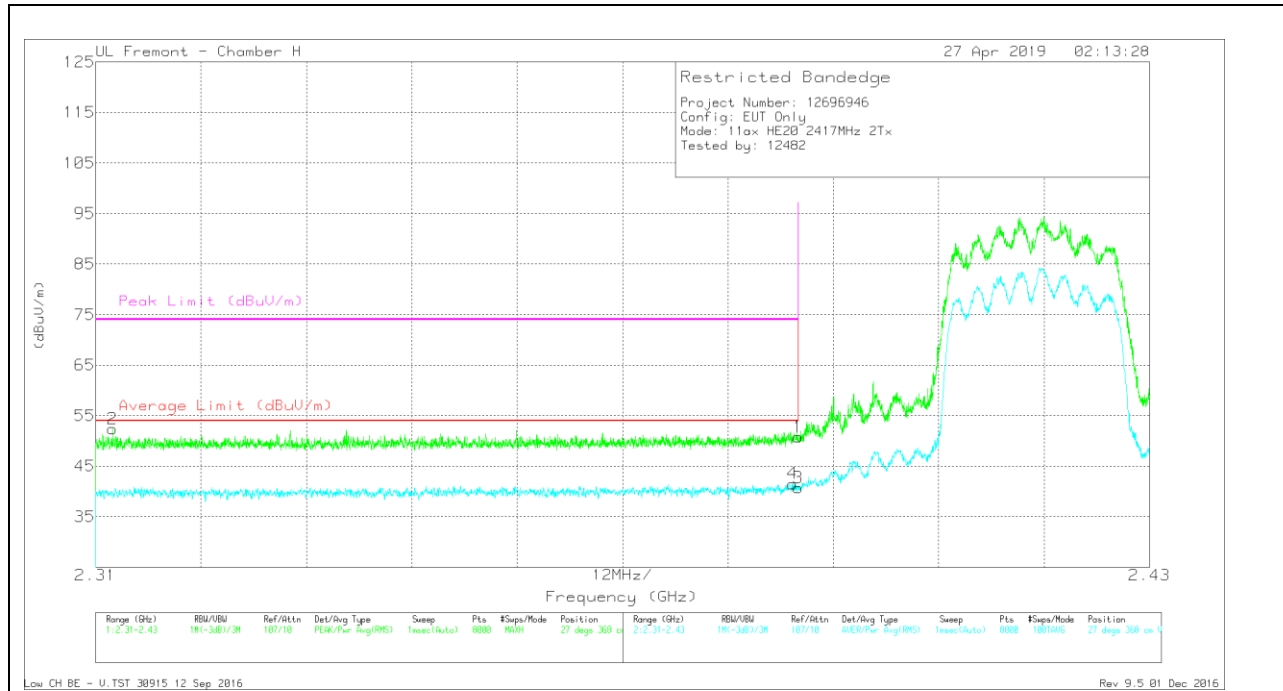
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	56.67	Pk	31.6	-23.5	64.77	-	-	74	-9.23	285	127	H
2	* 2.39	56.81	Pk	31.6	-23.5	64.91	-	-	74	-9.09	285	127	H
3	* 2.39	42.06	RMS	31.6	-23.5	50.16	54	-3.84	-	-	285	127	H
4	* 2.39	43.09	RMS	31.6	-23.5	51.19	54	-2.81	-	-	285	127	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 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	42.64	Pk	31.6	-23.5	50.74	-	-	74	-23.26	27	368	V
2	* 2.312	44.81	Pk	31.3	-23.7	52.41	-	-	74	-21.59	27	368	V
3	* 2.39	32.65	RMS	31.6	-23.5	40.75	54	-13.25	-	-	27	368	V
4	* 2.389	33.44	RMS	31.6	-23.5	41.54	54	-12.46	-	-	27	368	V

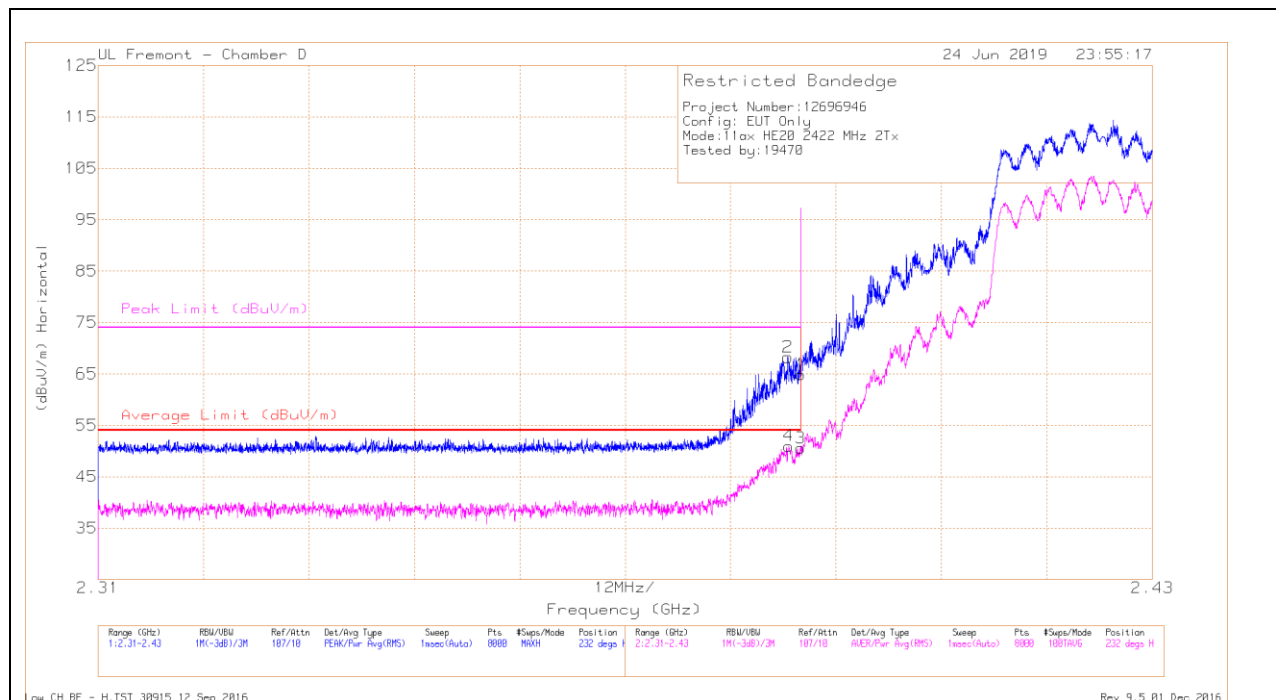
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 3)

HORIZONTAL RESULT



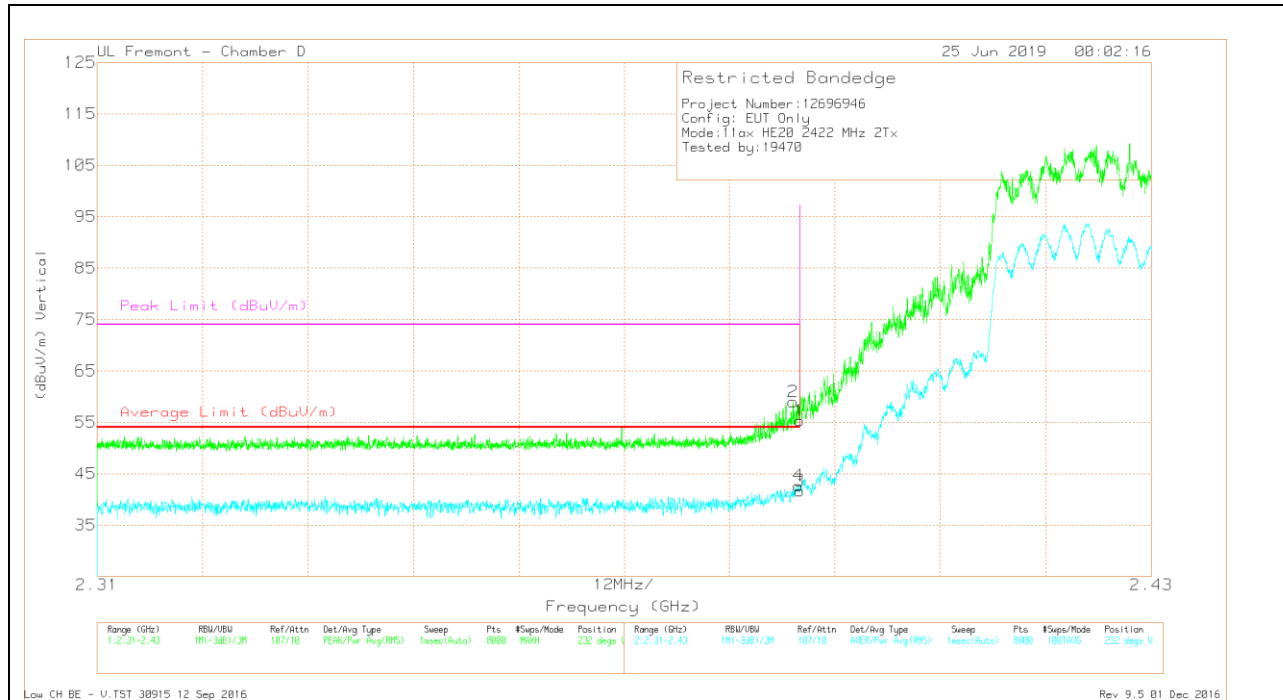
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	53.48	Pk	32	-20.6	64.88	-	-	74	-9.12	232	116	H
2	* 2.389	56.85	Pk	32	-20.6	68.25	-	-	74	-5.75	232	116	H
3	* 2.39	39.14	RMS	32	-20.6	50.54	54	-3.46	-	-	232	116	H
4	* 2.389	39.6	RMS	32	-20.6	51	54	-3	-	-	232	116	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

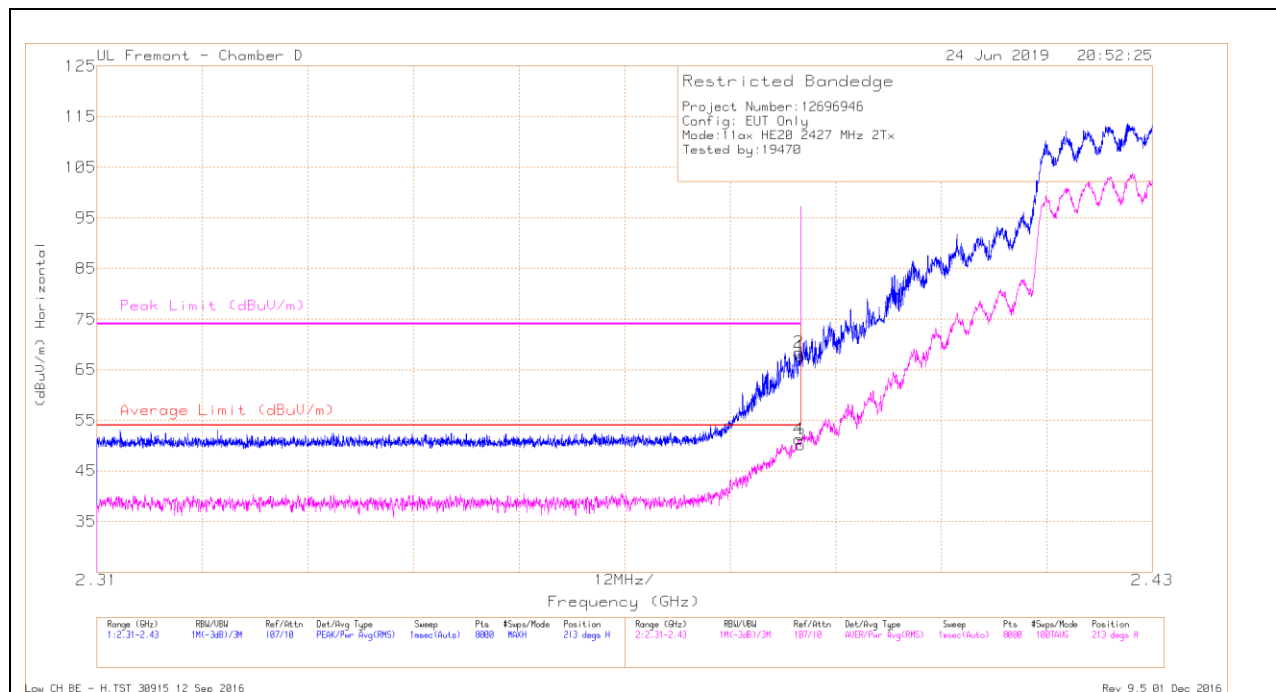


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.93	Pk	32	-20.6	55.33	-	-	74	-18.67	232	116	V
2	* 2.389	47.61	Pk	32	-20.6	59.01	-	-	74	-14.99	232	116	V
3	* 2.39	30.27	RMS	32	-20.6	41.67	54	-12.33	-	-	232	116	V
4	* 2.39	31.27	RMS	32	-20.6	42.67	54	-11.33	-	-	232	116	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 4)**HORIZONTAL RESULT**

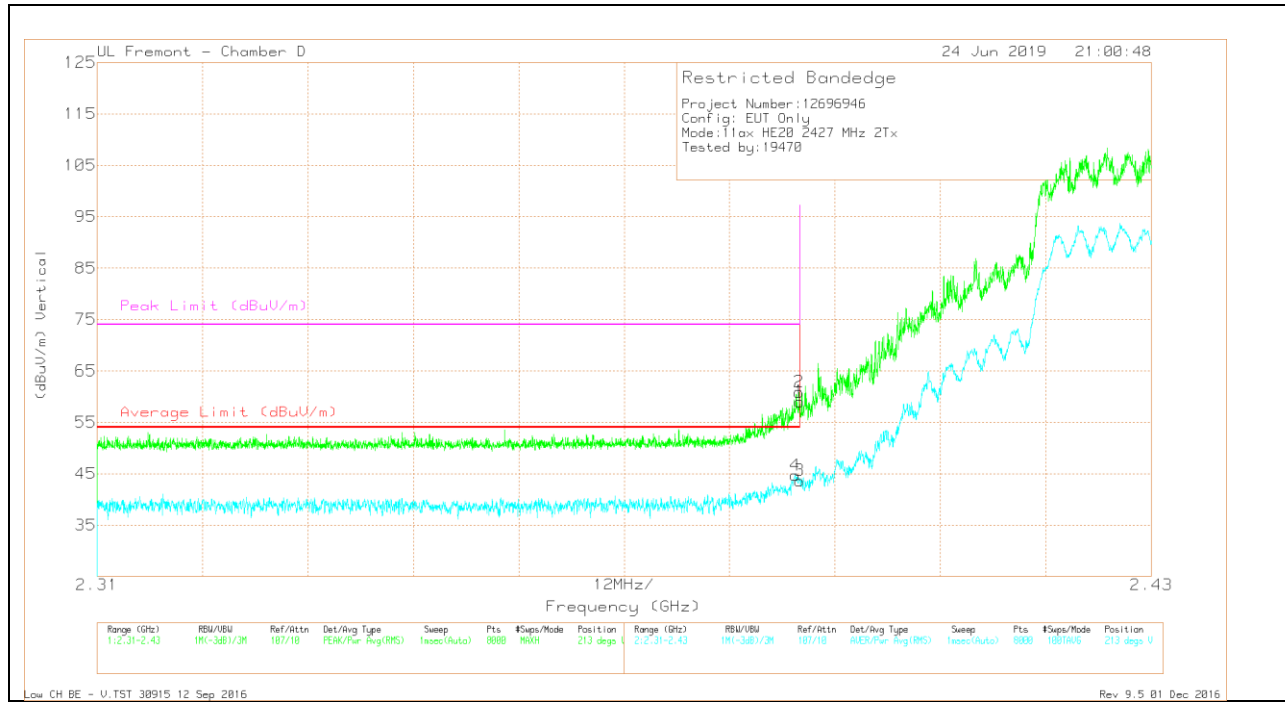
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	56.32	Pk	32	-20.6	67.72	-	-	74	-6.28	213	121	H
2	* 2.39	57.01	Pk	32	-20.6	68.41	-	-	74	-5.59	213	121	H
3	* 2.39	38.76	RMS	32	-20.6	50.16	54	-3.84	-	-	213	121	H
4	* 2.39	39.84	RMS	32	-20.6	51.24	54	-2.76	-	-	213	121	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

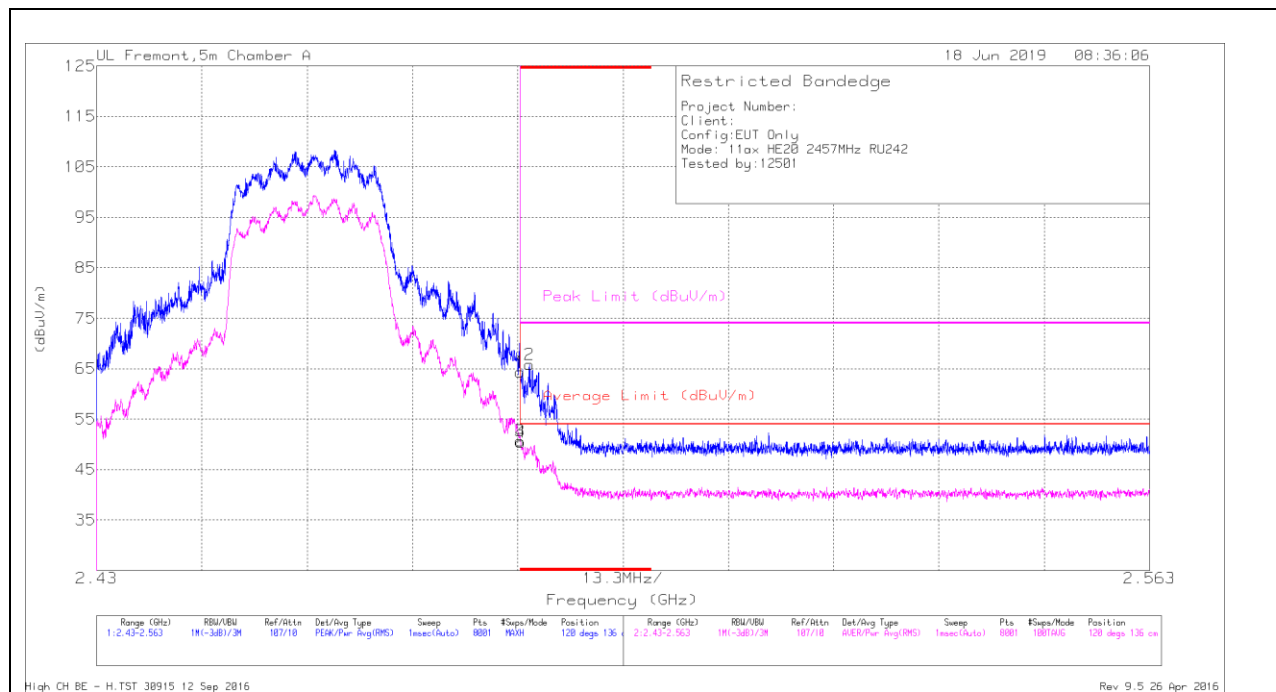


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT712 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	47.65	Pk	32	-20.6	59.05	-	-	74	-14.95	213	121	V
2	* 2.39	49.5	Pk	32	-20.6	60.9	-	-	74	-13.1	213	121	V
3	* 2.39	32.27	RMS	32	-20.6	43.67	54	-10.33	-	-	213	121	V
4	* 2.389	33.3	RMS	32	-20.6	44.7	54	-9.3	-	-	213	121	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 10)**HORIZONTAL RESULT**

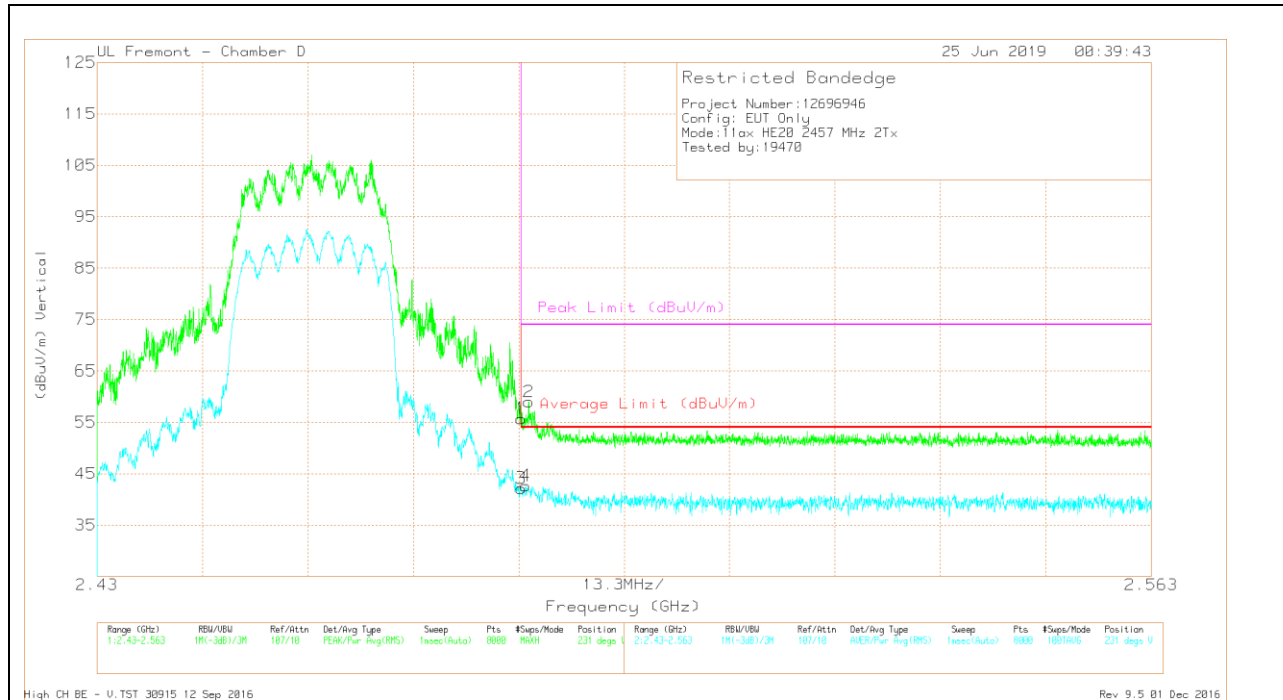
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.46	Pk	32.6	-22.7	64.36	-	-	74	-9.64	120	136	H
2	* 2.485	55.92	Pk	32.6	-22.7	65.82	-	-	74	-8.18	120	136	H
3	* 2.484	40.73	RMS	32.6	-22.7	50.63	54	-3.37	-	-	120	136	H
4	* 2.484	40.52	RMS	32.6	-22.7	50.42	54	-3.58	-	-	120	136	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/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	43.94	Pk	32.4	-20.6	55.74	-	-	74	-18.26	231	102	V
2	* 2.484	47.3	Pk	32.3	-20.6	59	-	-	74	-15	231	102	V
3	* 2.484	30.37	RMS	32.4	-20.6	42.17	54	-11.83	-	-	231	102	V
4	* 2.484	30.95	RMS	32.3	-20.6	42.65	54	-11.35	-	-	231	102	V

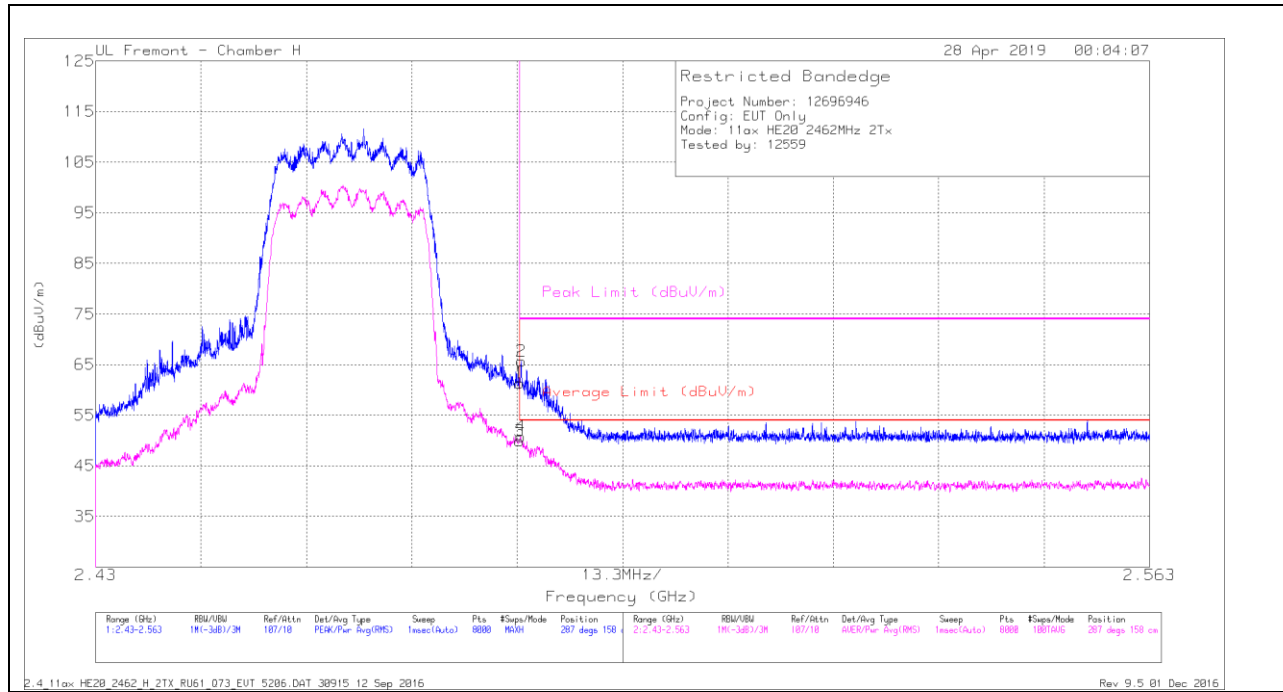
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



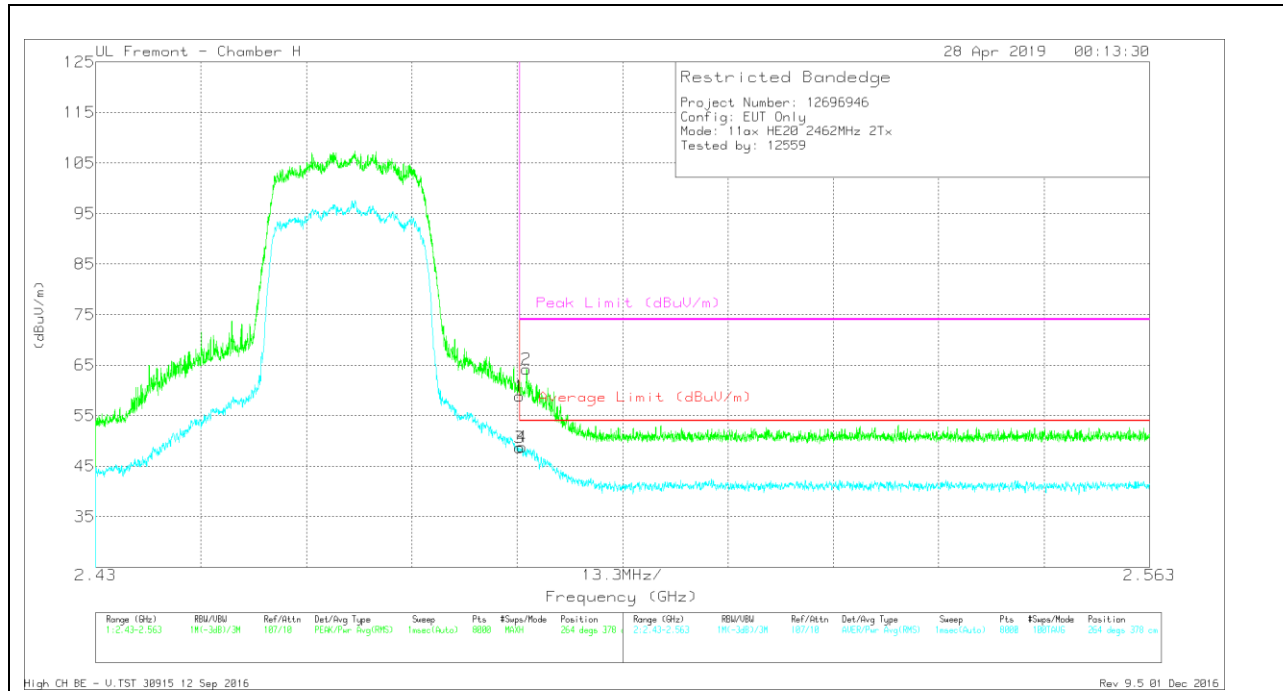
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT136 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.39	Pk	32.3	-23.3	61.39	-	-	74	-12.61	287	158	H
2	* 2.484	56.71	Pk	32.3	-23.3	65.71	-	-	74	-8.29	287	158	H
3	* 2.484	40.9	RMS	32.3	-23.3	49.9	54	-4.1	-	-	287	158	H
4	* 2.484	41.82	RMS	32.3	-23.3	50.82	54	-3.18	-	-	287	158	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	49.85	Pk	32.3	-23.3	58.85	-	-	74	-15.15	264	378	V
2	* 2.484	55.23	Pk	32.3	-23.3	64.23	-	-	74	-9.77	264	378	V
3	* 2.484	39.66	RMS	32.3	-23.3	48.66	54	-5.34	-	-	264	378	V
4	* 2.484	39.82	RMS	32.3	-23.3	48.82	54	-5.18	-	-	264	378	V

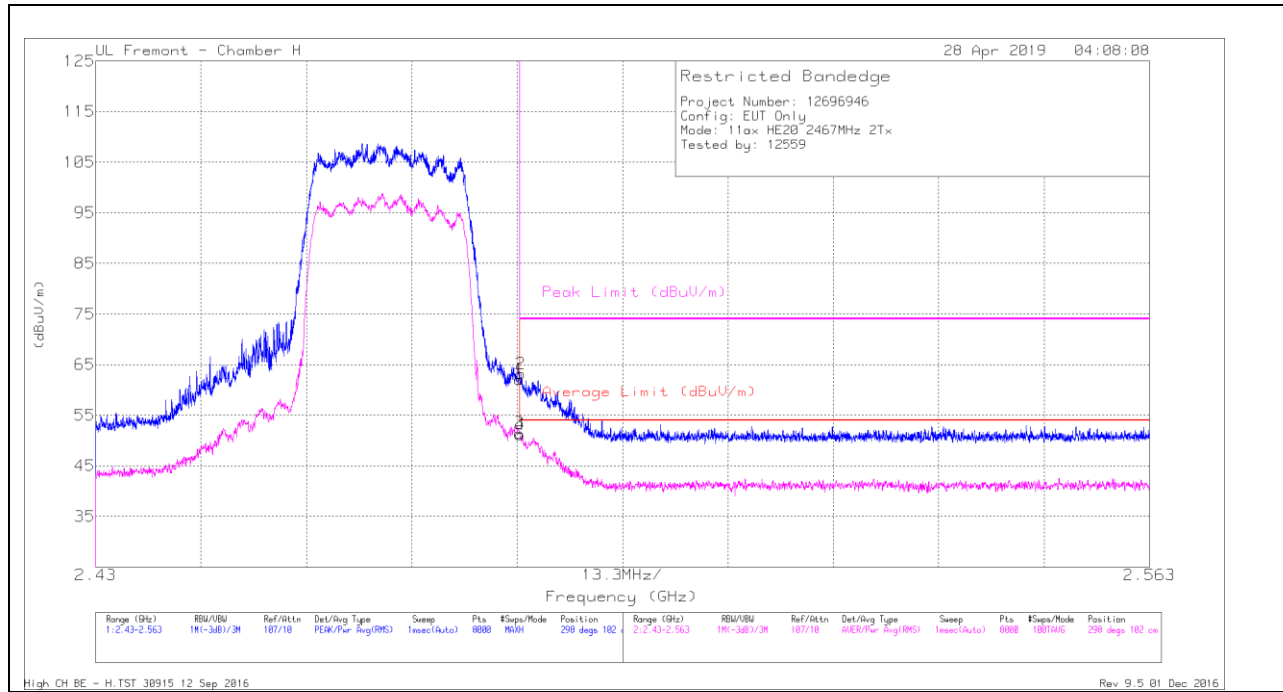
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



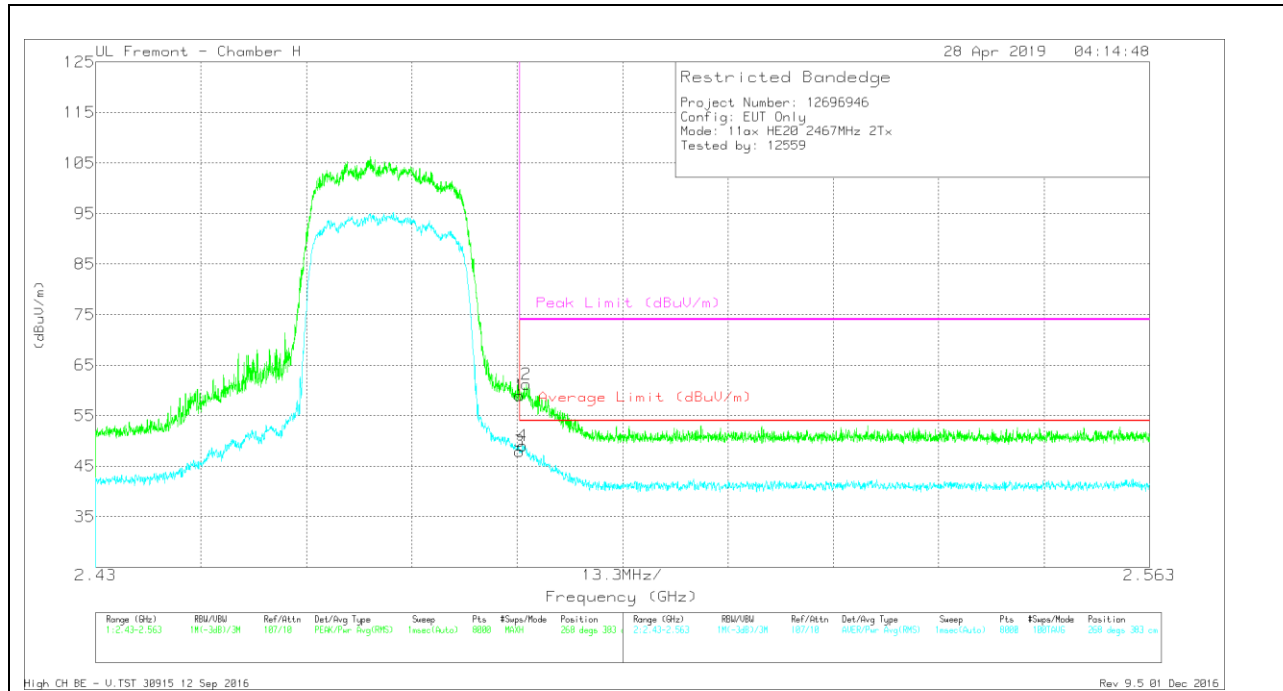
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	53.1	Pk	32.3	-23.3	62.1	-	-	74	-11.9	298	102	H
2	* 2.484	54.15	Pk	32.3	-23.3	63.15	-	-	74	-10.85	298	102	H
3	* 2.484	42.47	RMS	32.3	-23.3	51.47	54	-2.53	-	-	298	102	H
4	* 2.484	42.16	RMS	32.3	-23.3	51.16	54	-2.84	-	-	298	102	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	50.02	Pk	32.3	-23.3	59.02	-	-	74	-14.98	268	383	V
2	* 2.484	52.2	Pk	32.3	-23.3	61.2	-	-	74	-12.8	268	383	V
3	* 2.484	38.9	RMS	32.3	-23.3	47.9	54	-6.1	-	-	268	383	V
4	* 2.484	40.08	RMS	32.3	-23.3	49.08	54	-4.92	-	-	268	383	V

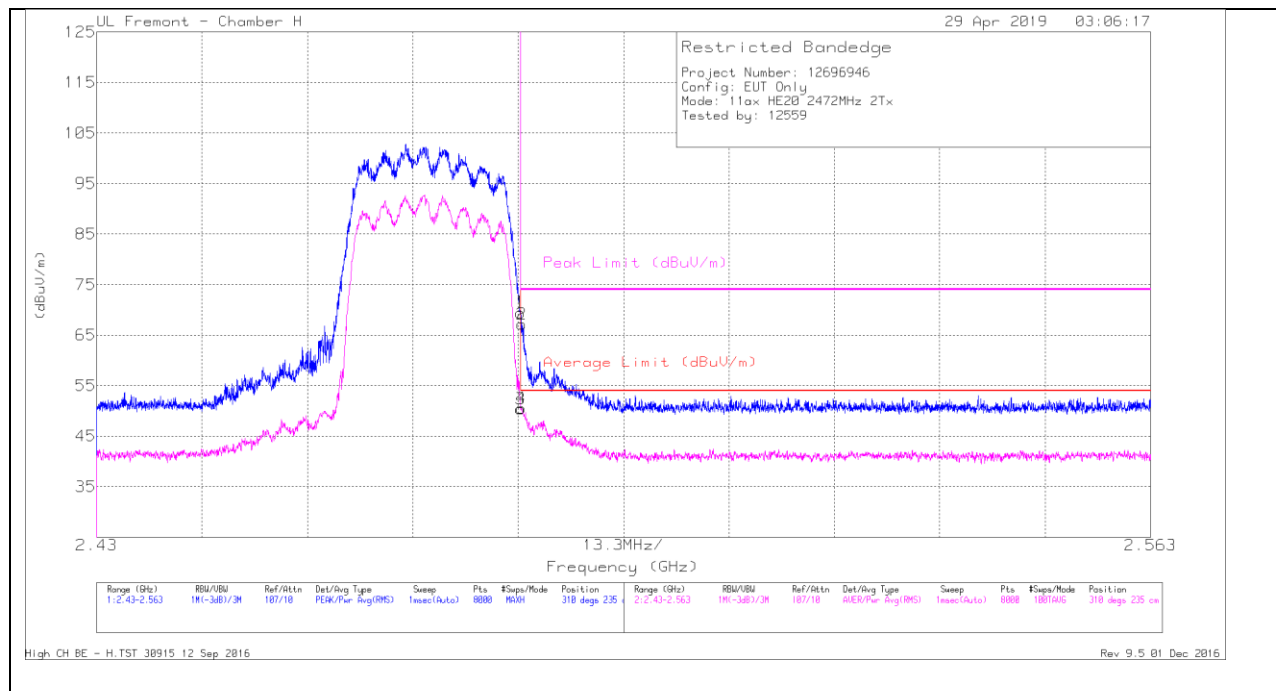
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



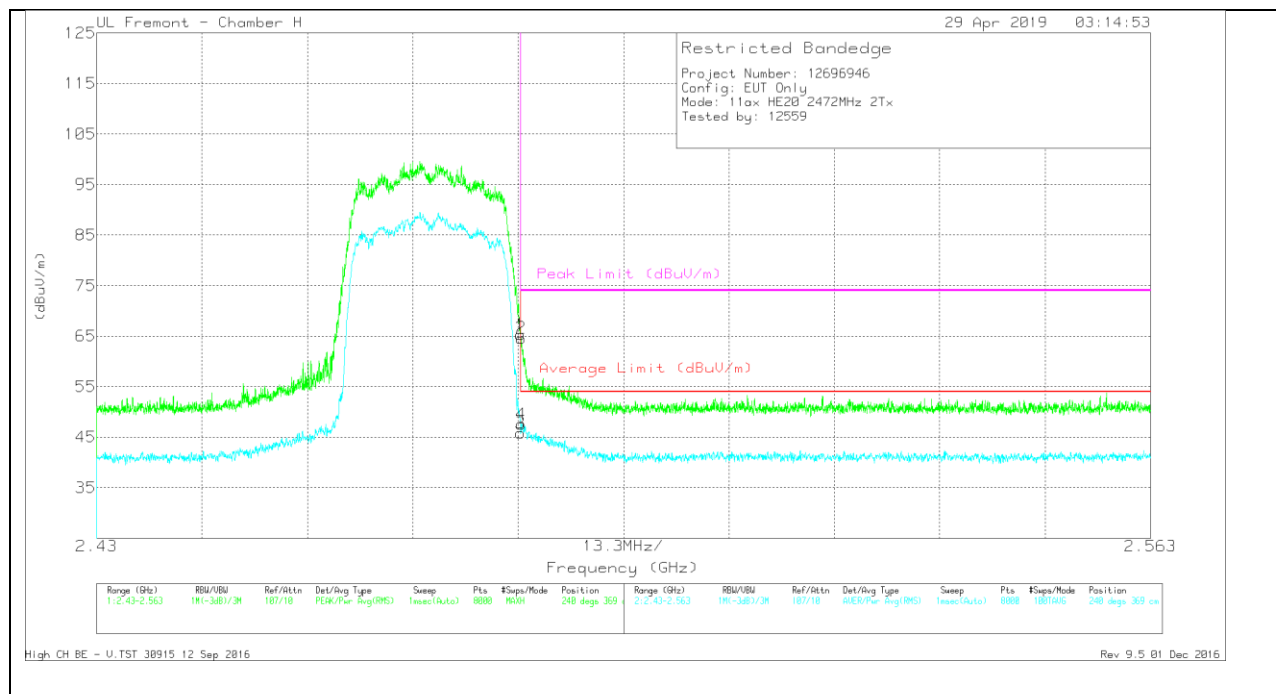
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb1/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	60.47	Pk	32.3	-23.3	69.47	-	-	74	-4.53	310	235	H
2	* 2.484	58.18	Pk	32.3	-23.3	67.18	-	-	74	-6.82	310	235	H
3	* 2.484	41.38	RMS	32.3	-23.3	50.38	54	-3.62	-	-	310	235	H
4	* 2.484	41.54	RMS	32.3	-23.3	50.54	54	-3.46	-	-	310	235	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/Filr/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	56.26	Pk	32.3	-23.3	65.26	-	-	74	-8.74	240	369	V
2	* 2.484	55.63	Pk	32.3	-23.3	64.63	-	-	74	-9.37	240	369	V
3	* 2.484	36.87	RMS	32.3	-23.3	45.87	54	-8.13	-	-	240	369	V
4	* 2.484	38.57	RMS	32.3	-23.3	47.57	54	-6.43	-	-	240	369	V

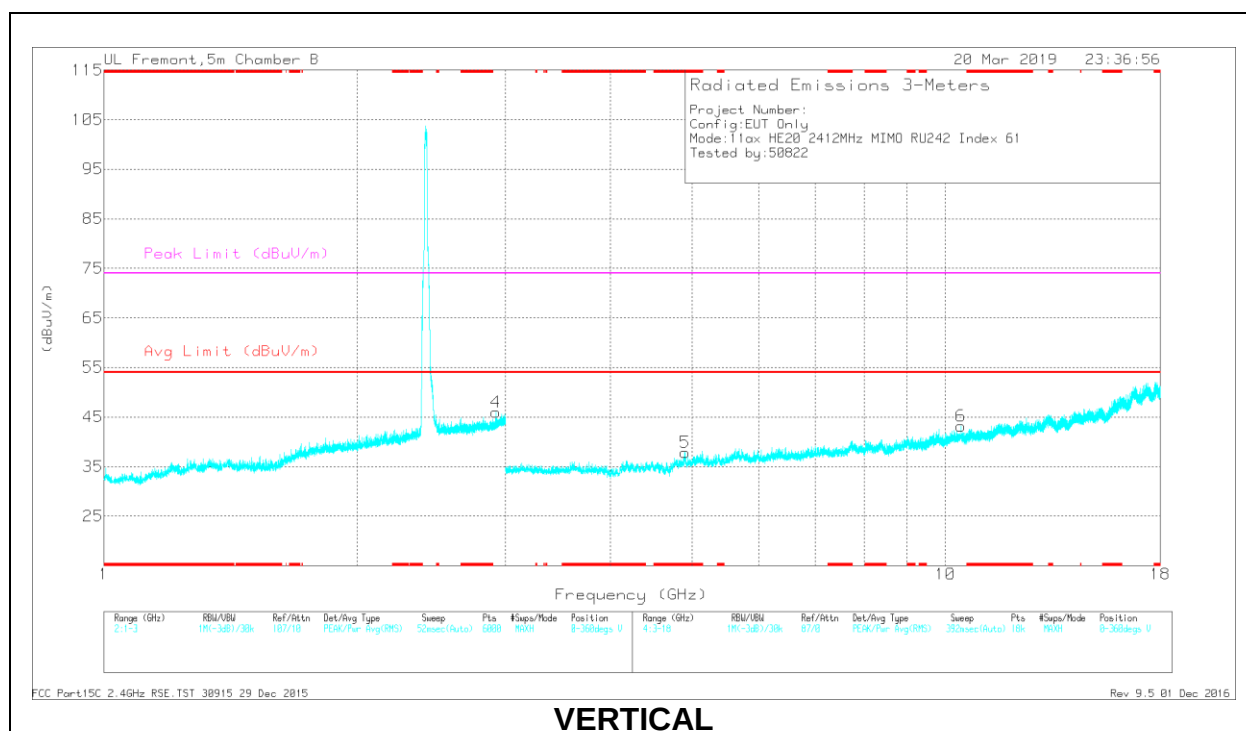
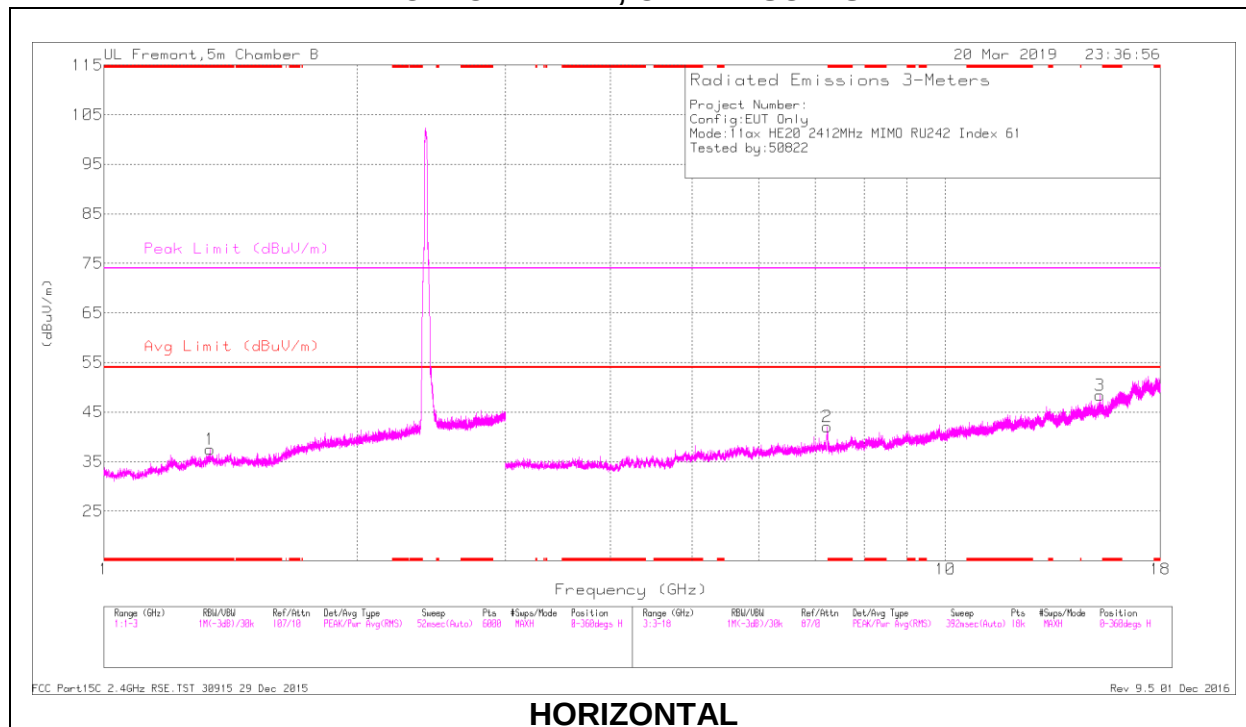
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	* 1.334	37.27	PK2	28.5	-20.2	45.57	-	-	74	-28.43	209	135	H
	* 1.336	17.98	MAv1	28.5	-20.3	26.18	54	-27.82	-	-	209	135	H
2	7.236	36.42	PK2	35.9	-25.5	46.82	-	-	-	-	104	173	H
3	15.261	32.49	PK2	41	-18.5	54.99	-	-	-	-	167	305	H
4	2.923	37.81	PK2	32.7	-18.5	52.01	-	-	-	-	191	114	V
5	* 4.9	39.61	PK2	34.4	-28.9	45.11	-	-	74	-28.89	215	123	V
	* 4.9	26.7	MAv1	34.4	-28.9	32.2	54	-21.8	-	-	215	123	V
6	10.434	33.07	PK2	37.9	-21.2	49.77	-	-	-	-	86	148	V

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

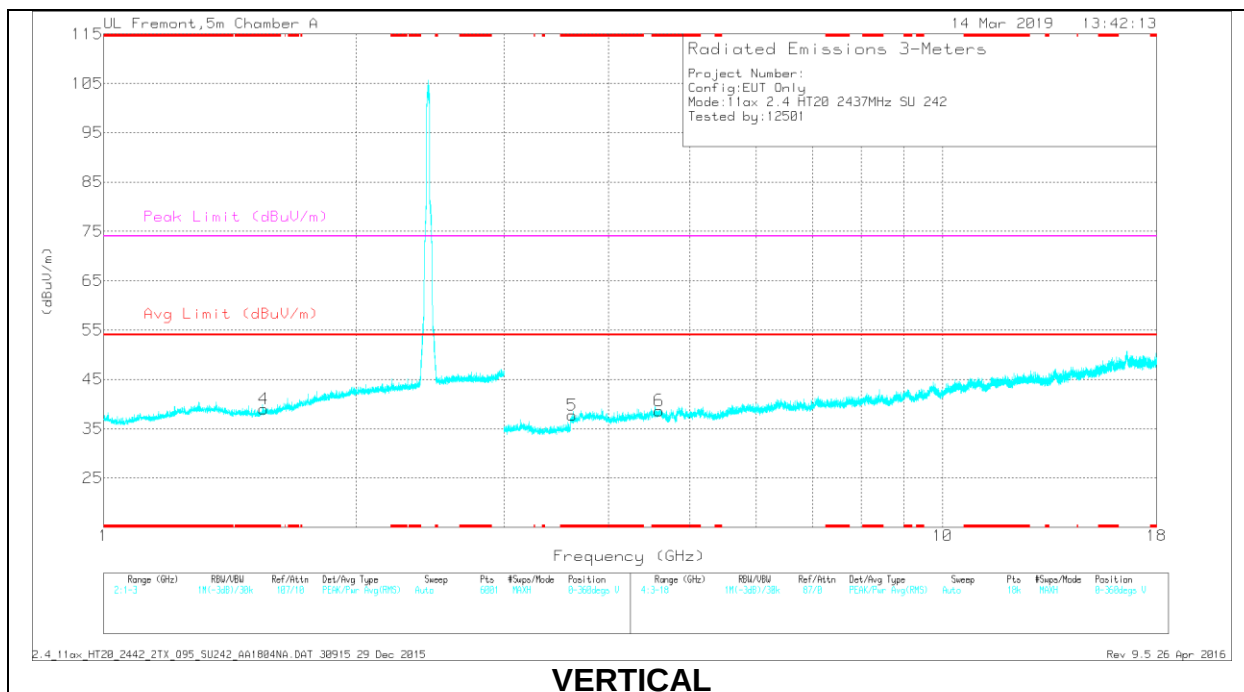
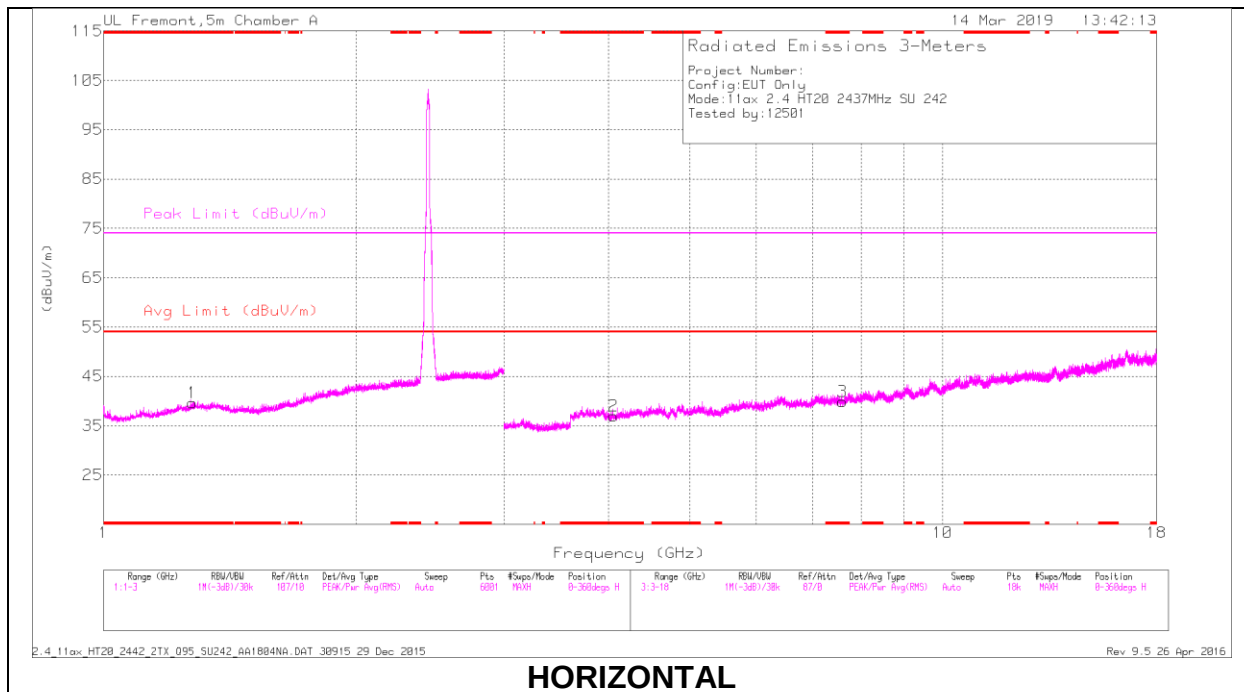
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

MID CHANNEL, CH 6 RESULTS



RADIATED EMISSIONS

Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 1.275	43.18	PK2	29.1	-24.9	47.38	-	-	74	-26.62	360	100	H
	* 1.276	31.63	MAv1	29.1	-24.9	35.83	54	-18.17	-	-	360	100	H
2	* 4.053	38.95	PK2	33.7	-28.9	43.75	-	-	74	-30.25	360	102	H
	* 4.051	29.05	MAv1	33.7	-28.9	33.85	54	-20.15	-	-	360	102	H
3	* 7.605	36.17	PK2	35.7	-24.2	47.67	-	-	74	-26.33	360	102	H
	* 7.604	25.45	MAv1	35.7	-24.2	36.95	54	-17.05	-	-	360	102	H
4	* 1.55	42.16	PK2	28.1	-24.3	45.96	-	-	74	-28.04	360	199	V
	* 1.55	31.41	MAv1	28.1	-24.3	35.21	54	-18.79	-	-	360	199	V
5	* 3.621	39.64	PK2	33.2	-29.6	43.24	-	-	74	-30.76	360	102	V
	* 3.618	29.79	MAv1	33.2	-29.6	33.39	54	-20.61	-	-	360	102	V
6	* 4.598	39.01	PK2	34.2	-28	45.21	-	-	74	-28.79	360	199	V
	* 4.598	29.16	MAv1	34.2	-28	35.36	54	-18.64	-	-	360	199	V

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

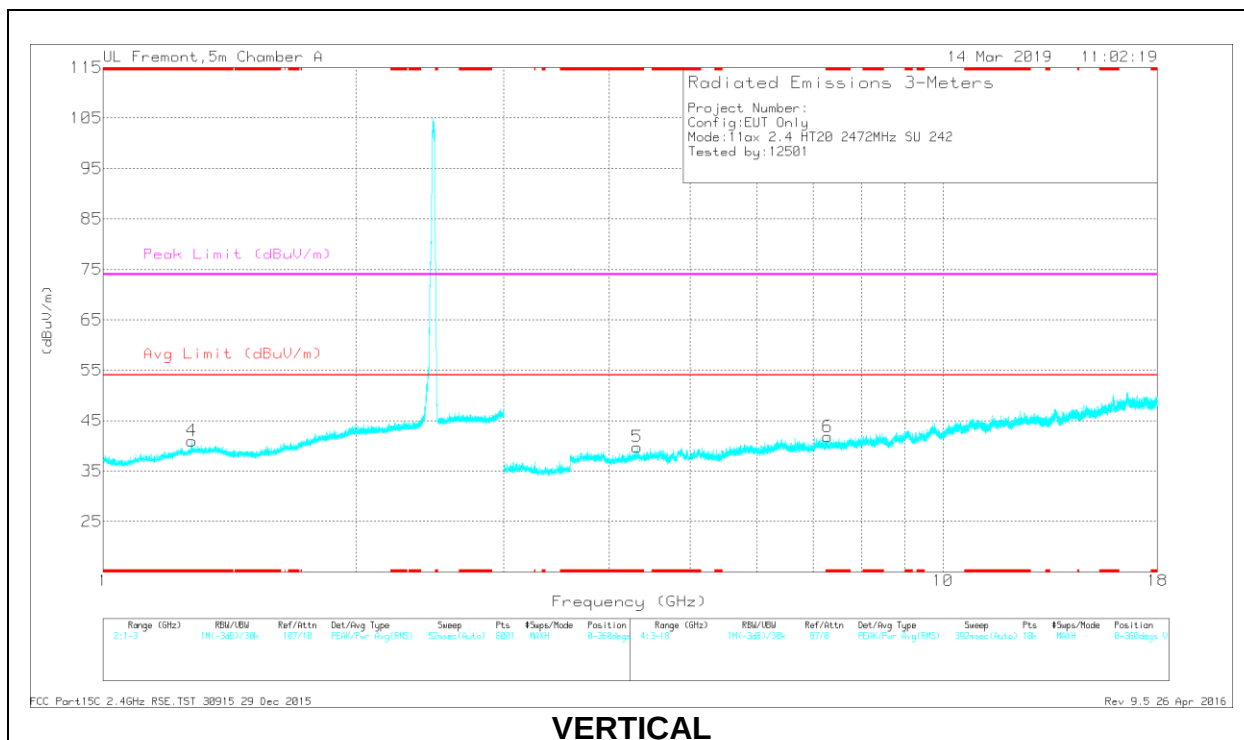
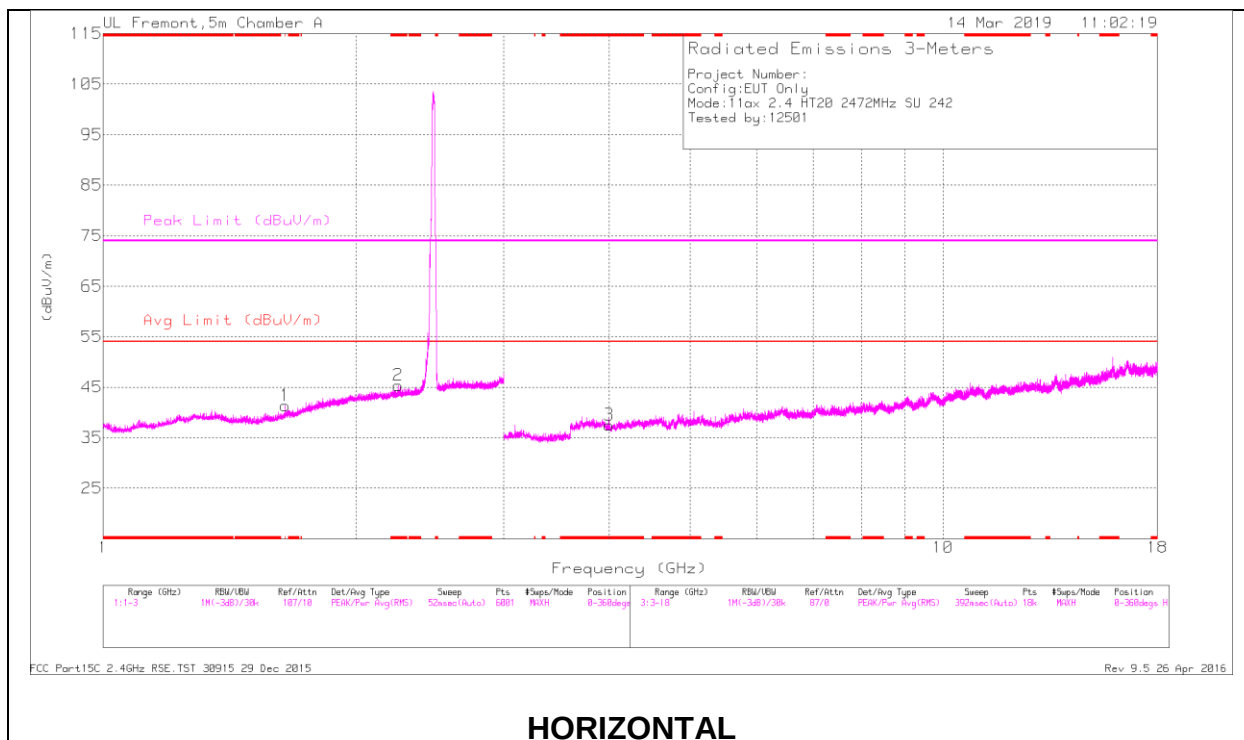
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

2.4_11ax_HT20_2442_2TX_Q95_SU242_AA1804NA.DAT 30915 29 Dec 2015

Rev 9.5 26 Apr 2016

HIGH CHANNEL, CH 13 RESULTS



RADIATED EMISSIONS

Radiated Emissions

Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 1.646	42.61	PK2	28.7	-24	47.31	-	-	74	-26.69	302	105	H
	1.644	31.81	MAv1	28.7	-24	36.51	-	-	-	-	175	147	H
2	* 2.246	42.12	PK2	31.6	-22.9	50.82	-	-	74	-23.18	302	105	H
	* 2.244	31.6	MAv1	31.7	-22.9	40.4	54	-13.6	-	-	37	212	H
3	* 4.007	39.49	PK2	33.6	-28.7	44.39	-	-	74	-29.61	85	164	H
	* 4.004	29.38	MAv1	33.6	-28.7	34.28	54	-19.72	-	-	168	183	H
4	* 1.276	42.59	PK2	29.1	-24.9	46.79	-	-	74	-27.21	37	212	V
	* 1.275	31.74	MAv1	29.1	-24.9	35.94	54	-18.06	-	-	85	164	V
5	* 4.324	38.98	PK2	33.9	-28.2	44.68	-	-	74	-29.32	168	183	V
	* 4.324	29.46	MAv1	33.9	-28.2	35.16	54	-18.84	-	-	225	304	V
6	* 7.29	36.38	PK2	35.6	-24.6	47.38	-	-	74	-26.62	225	304	V
	* 7.29	26.42	MAv1	35.6	-24.6	37.42	54	-16.58	-	-	175	147	V

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

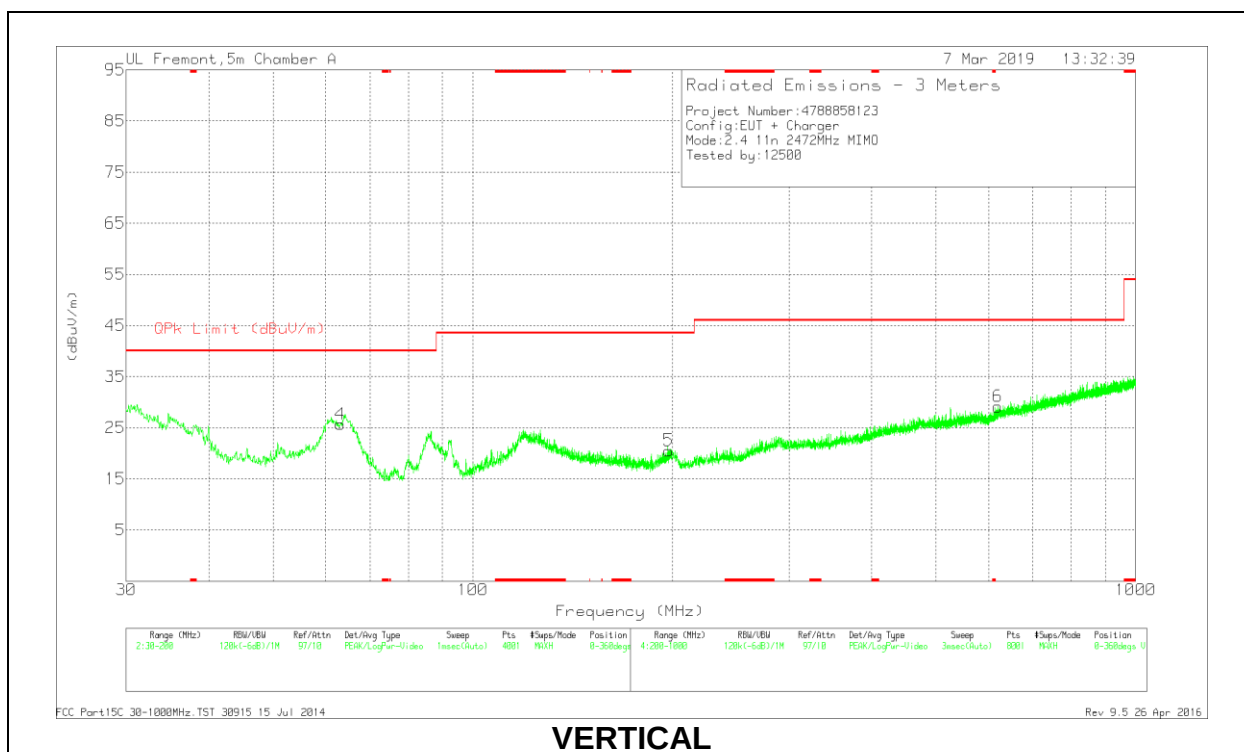
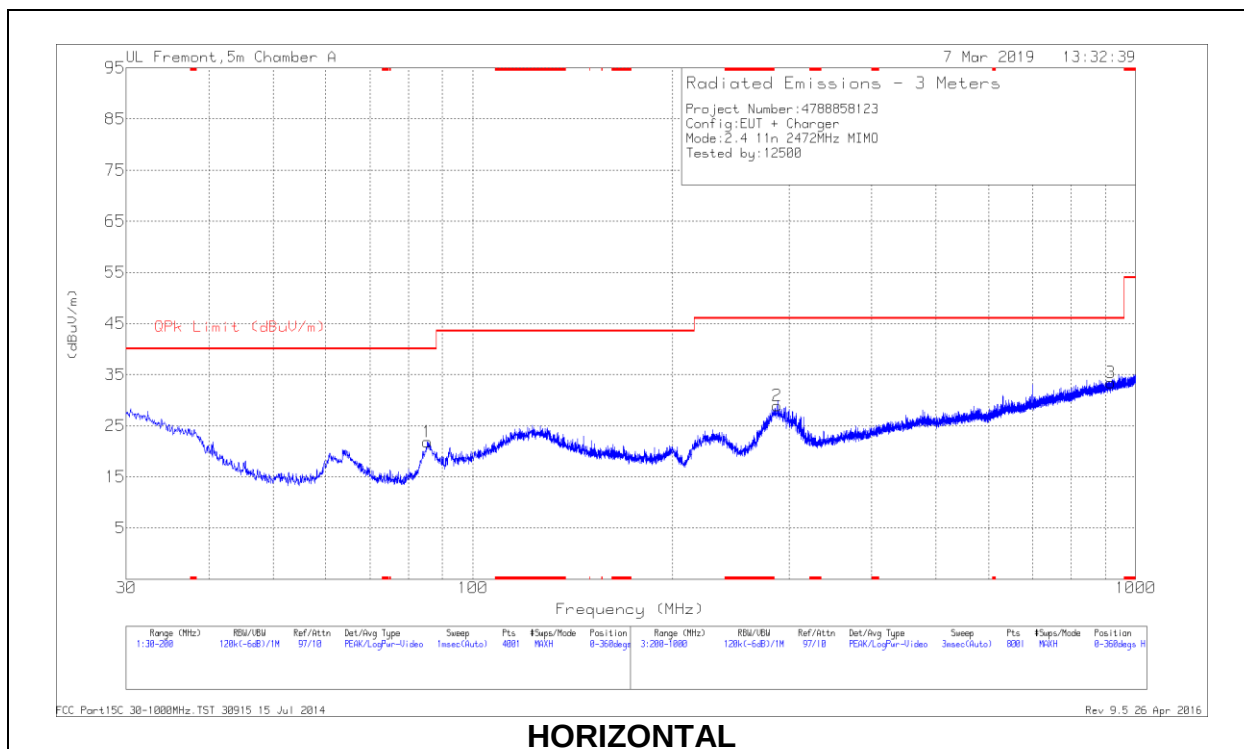
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 26 Apr 2016

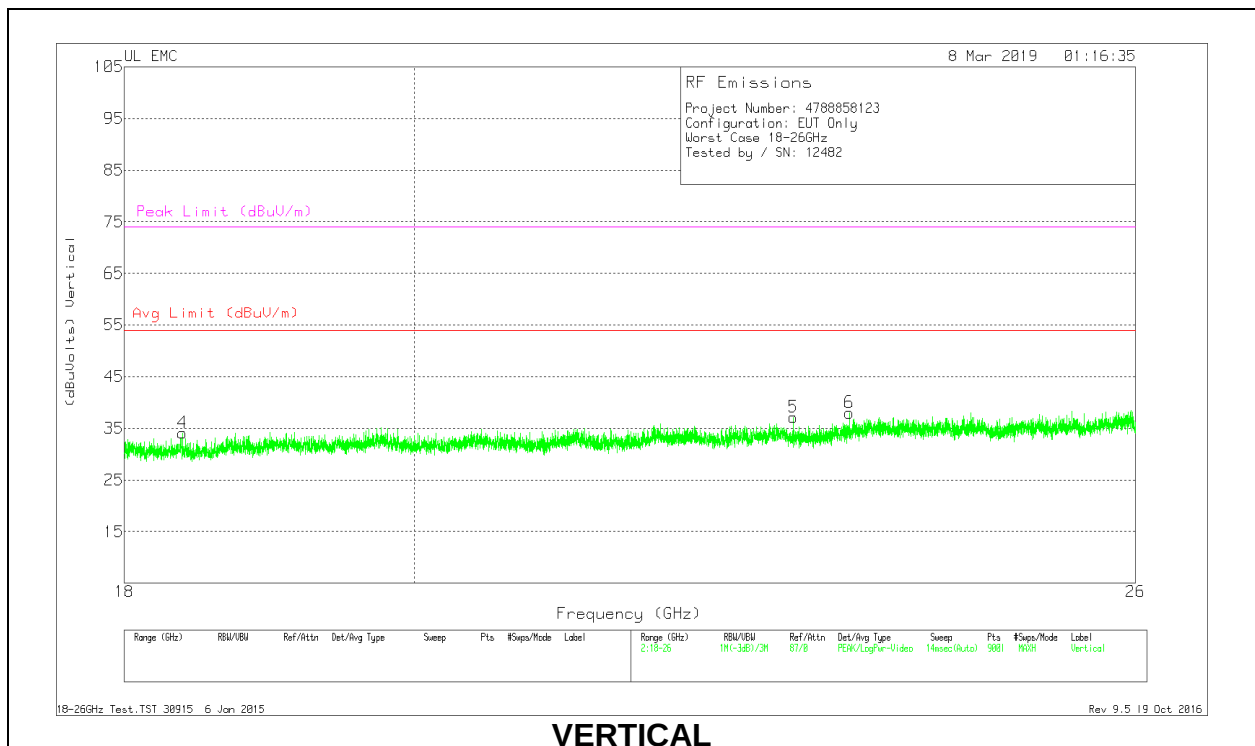
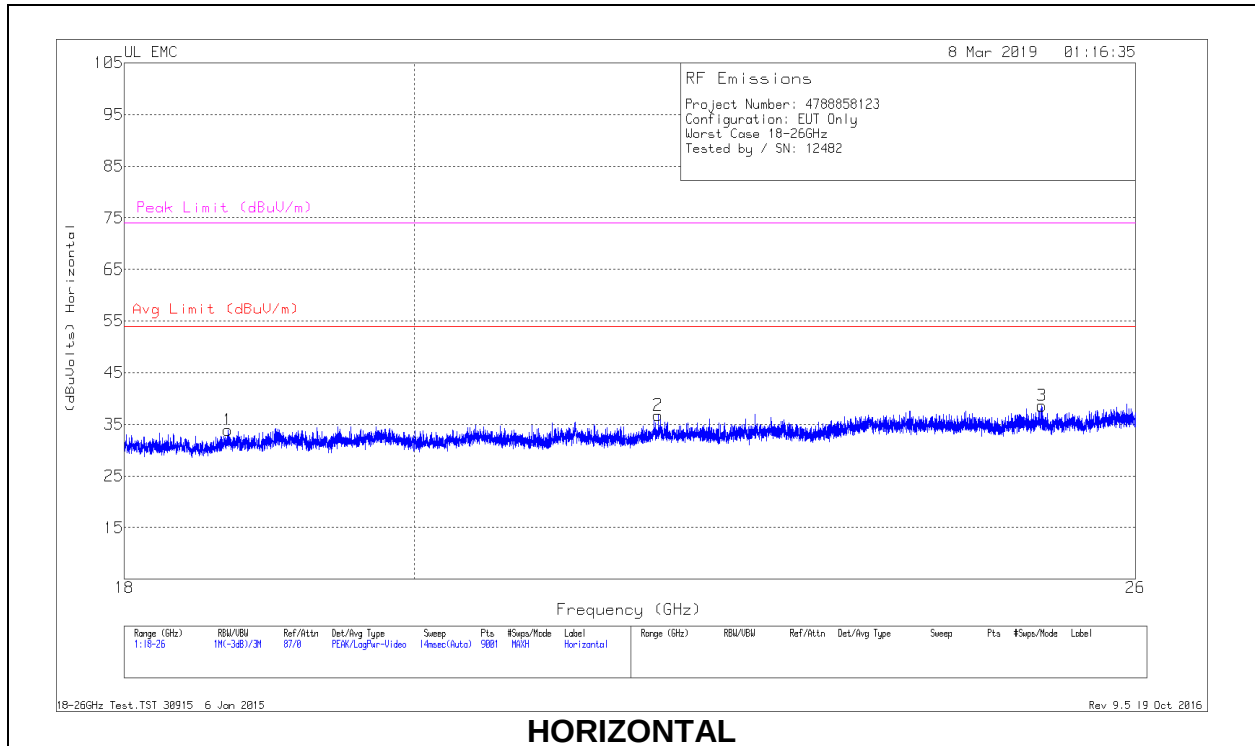
9.2. WORST CASE BELOW 1 GHZ



Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0181574 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	63.15	38.77	Pk	13.7	-26.8	25.67	40	-14.33	0-360	100	V
1	85.4625	35.24	Pk	13.1	-26.5	21.84	40	-18.16	0-360	200	H
5	197.45	27.32	Pk	18.4	-25.2	20.52	43.52	-23	0-360	100	V
2	288.1	34.11	Pk	19.2	-24.4	28.91	46.02	-17.11	0-360	100	H
6	619.5	28.64	Pk	25.1	-24.6	29.14	46.02	-16.88	0-360	200	V
3	917.2	27.6	Pk	28.3	-22.5	33.4	46.02	-12.62	0-360	199	H

9.3. WORST CASE 18-26 GHZ



18 – 26GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T447 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	18.69	35.29	Pk	32.4	-24.3	-9.5	33.89	54	-20.11	74	-40.11
2	21.855	37.65	Pk	33.2	-24.6	-9.5	36.75	54	-17.25	74	-37.25
3	25.128	38.19	Pk	34.5	-24.6	-9.5	38.59	54	-15.41	74	-35.41
4	18.385	36.58	Pk	32.3	-25.3	-9.5	34.08	54	-19.92	74	-39.92
5	22.957	38.24	Pk	33.6	-25.2	-9.5	37.14	54	-16.86	74	-36.86
6	23.429	37.91	Pk	34	-24.4	-9.5	38.01	54	-15.99	74	-35.99

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.

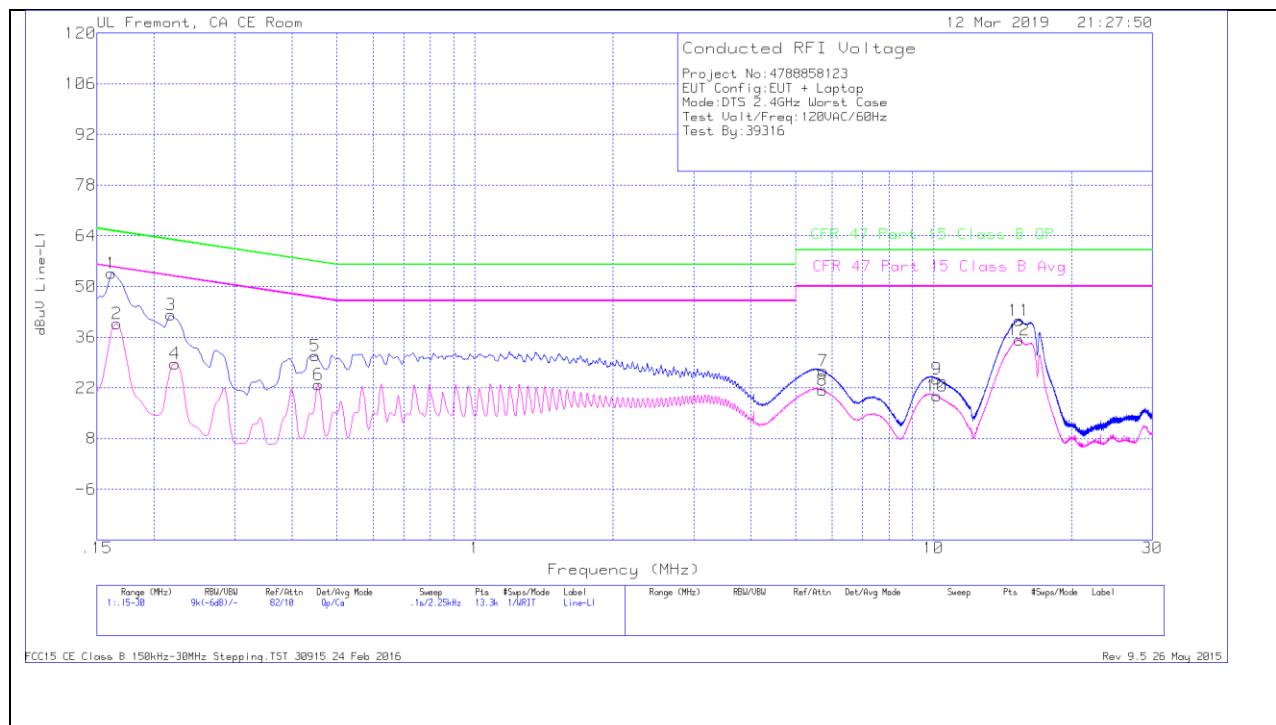
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.1.1. AC Power Line Host

LINE 1 RESULTS

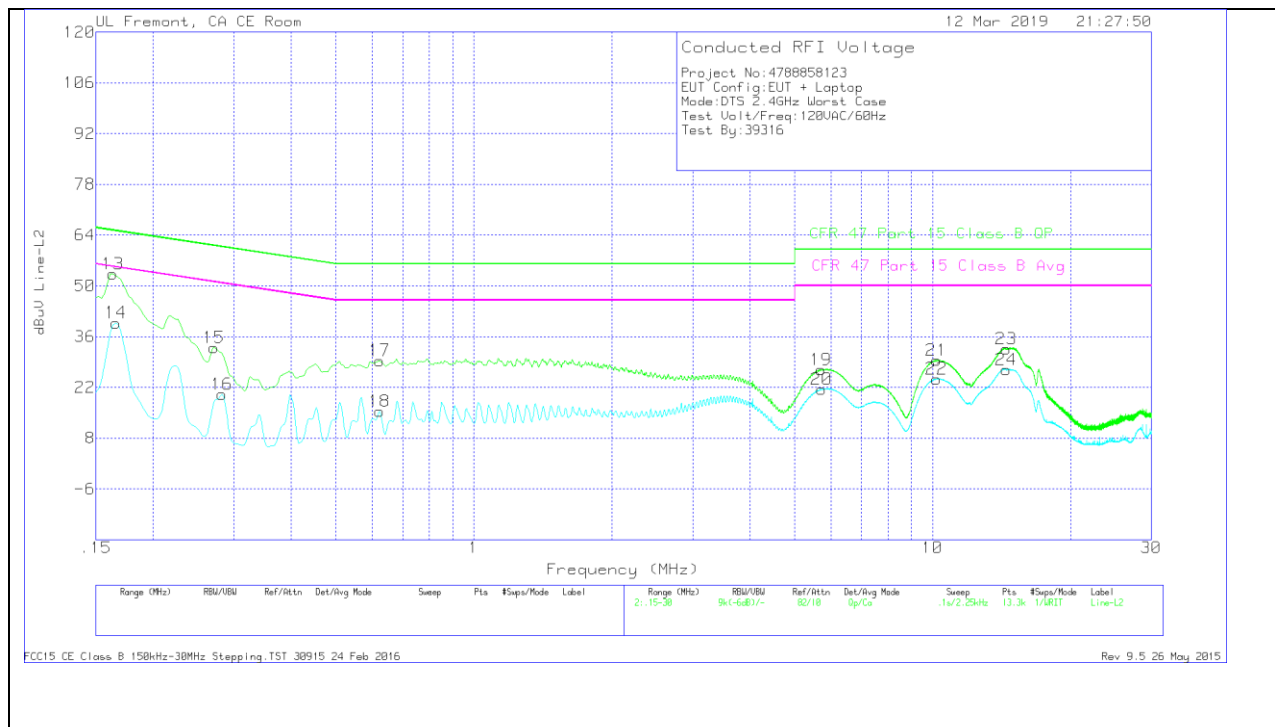


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.16125	43.52	Qp	.1	0	10.1	53.72	65.4	-11.68	-	-
2	.16575	29.62	Ca	.1	0	10.1	39.82	-	-	55.17	-15.35
3	.2175	32.06	Qp	0	0	10.1	42.16	62.91	-20.75	-	-
4	.222	18.6	Ca	0	0	10.1	28.7	-	-	52.74	-24.04
5	.44925	20.75	Qp	0	0	10.1	30.85	56.89	-26.04	-	-
6	.456	12.84	Ca	0	0	10.1	22.94	-	-	46.77	-23.83
7	5.74575	16.26	Qp	0	.2	10.2	26.66	60	-33.34	-	-
8	5.739	10.85	Ca	0	.2	10.2	21.25	-	-	50	-28.75
9	10.1625	14.1	Qp	0	.2	10.2	24.5	60	-35.5	-	-
10	10.176	9.35	Ca	0	.2	10.2	19.75	-	-	50	-30.25
11	15.3825	30.09	Qp	.1	.3	10.2	40.69	60	-19.31	-	-
12	15.369	24.65	Ca	.1	.3	10.2	35.25	-	-	50	-14.75

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS

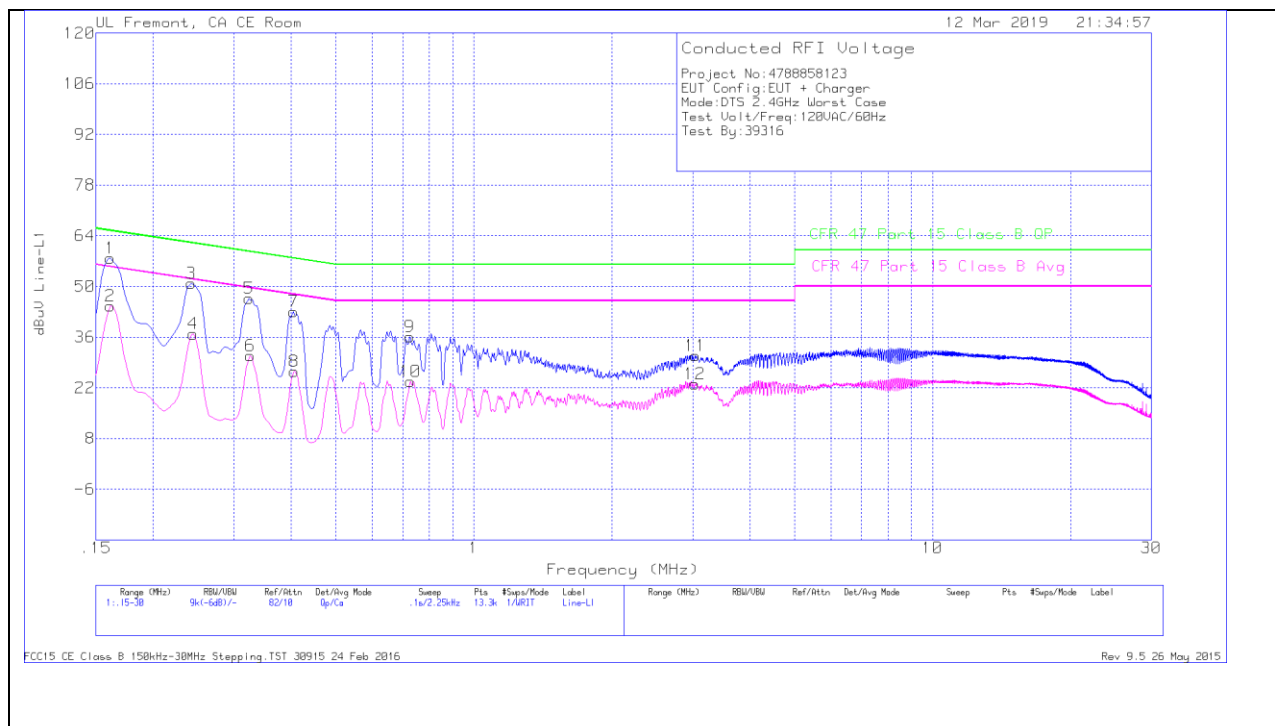


Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
13	.1635	43.07	Qp	.1	0	10.1	53.27	65.28	-12.01	-	-
14	.16575	29.63	Ca	.1	0	10.1	39.83	-	-	55.17	-15.34
15	.2715	22.91	Qp	0	0	10.1	33.01	61.07	-28.06	-	-
16	.28275	10.07	Ca	0	0	10.1	20.17	-	-	50.73	-30.56
17	.6225	19.3	Qp	0	0	10.1	29.4	56	-26.6	-	-
18	.6225	5.35	Ca	0	0	10.1	15.45	-	-	46	-30.55
19	5.70525	16.55	Qp	0	.2	10.2	26.95	60	-33.05	-	-
20	5.7255	11.07	Ca	0	.2	10.2	21.47	-	-	50	-28.53
21	10.2053	19.04	Qp	0	.2	10.2	29.44	60	-30.56	-	-
22	10.2098	13.96	Ca	0	.2	10.2	24.36	-	-	50	-25.64
23	14.4713	22.04	Qp	.1	.3	10.2	32.64	60	-27.36	-	-
24	14.4724	16.3	Ca	.1	.3	10.2	26.9	-	-	50	-23.1

Qp - Quasi-Peak detector
Ca - CISPR average detection

10.1.2. AC Power Line Norm

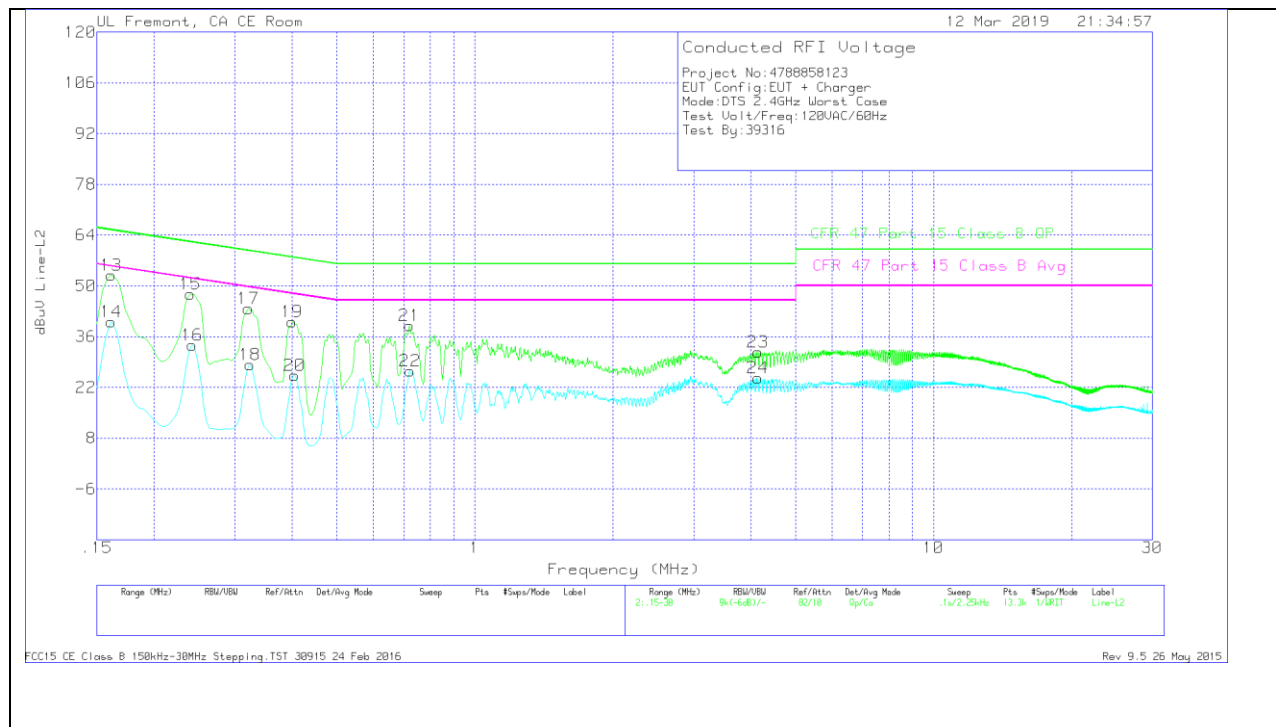
LINE 1 RESULTS



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	.16125	47.65	Qp	.1	0	10.1	57.85	65.4	-7.55	-	-
2	.16125	34.47	Ca	.1	0	10.1	44.67	-	-	55.4	-10.73
3	.24225	40.81	Qp	0	0	10.1	50.91	62.02	-11.11	-	-
4	.2445	26.78	Ca	0	0	10.1	36.88	-	-	51.94	-15.06
5	.32325	36.53	Qp	0	0	10.1	46.63	59.62	-12.99	-	-
6	.3255	20.74	Ca	0	0	10.1	30.84	-	-	49.57	-18.73
7	.40425	32.87	Qp	0	0	10.1	42.97	57.77	-14.8	-	-
8	.4065	16.4	Ca	0	0	10.1	26.5	-	-	47.72	-21.22
9	.726	25.93	Qp	0	0	10.1	36.03	56	-19.97	-	-
10	.72825	13.66	Ca	0	0	10.1	23.76	-	-	46	-22.24
11	3.04125	20.65	Qp	0	.1	10.1	30.85	56	-25.15	-	-
12	3.03225	12.91	Ca	0	.1	10.1	23.11	-	-	46	-22.89

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	.16125	42.73	Qp	.1	0	10.1	52.93	65.4	-12.47	-	-
14	.16125	29.85	Ca	.1	0	10.1	40.05	-	-	55.4	-15.35
15	.24	37.64	Qp	0	0	10.1	47.74	62.1	-14.36	-	-
16	.24225	23.6	Ca	0	0	10.1	33.7	-	-	52.02	-18.32
17	.321	33.7	Qp	0	0	10.1	43.8	59.68	-15.88	-	-
18	.32325	18.22	Ca	0	0	10.1	28.32	-	-	49.62	-21.3
19	.39975	29.99	Qp	0	0	10.1	40.09	57.86	-17.77	-	-
20	.40425	15.26	Ca	0	0	10.1	25.36	-	-	47.77	-22.41
21	.7215	28.91	Qp	0	0	10.1	39.01	56	-16.99	-	-
22	.72375	16.47	Ca	0	0	10.1	26.57	-	-	46	-19.43
23	4.1415	21.49	Qp	0	.1	10.1	31.69	56	-24.31	-	-
24	4.1415	14.44	Ca	0	.1	10.1	24.64	-	-	46	-21.36

Qp - Quasi-Peak detector
Ca - CISPR average detection

11. SETUP PHOTOS

Please refer to 12696946-EP1V1 for setup photos

END OF TEST REPORT