

RADIATED EMISSIONS

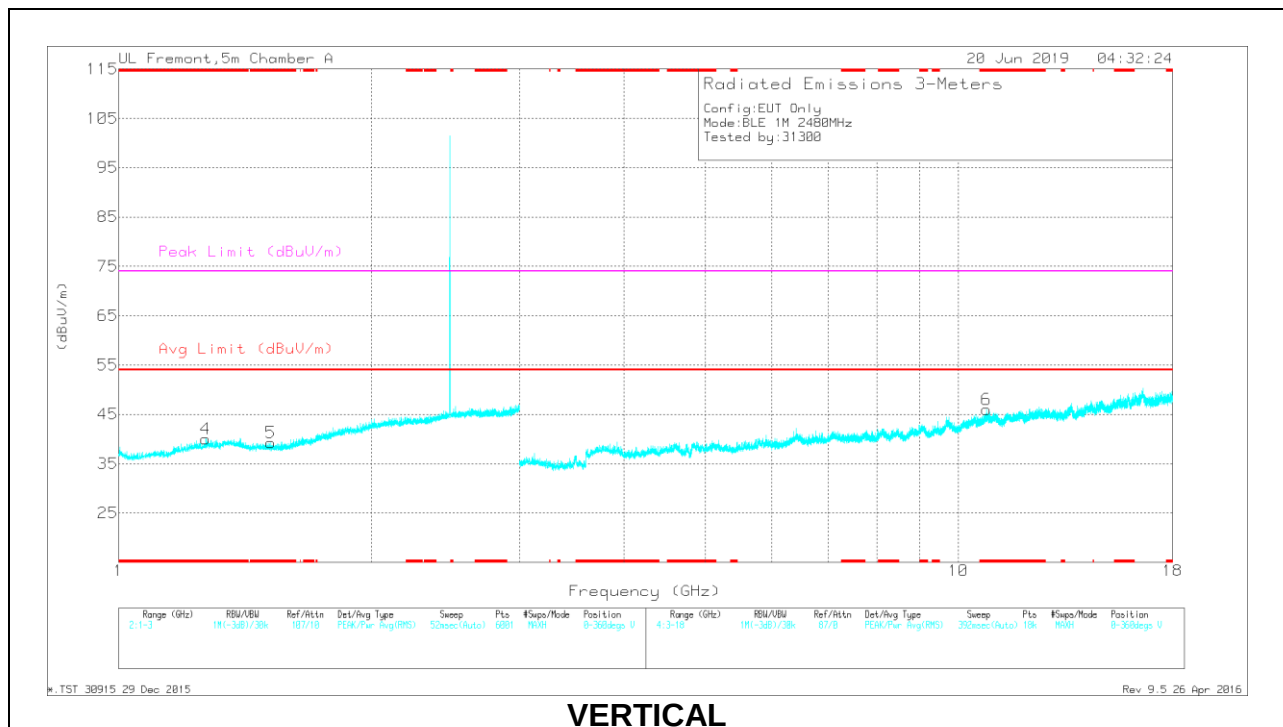
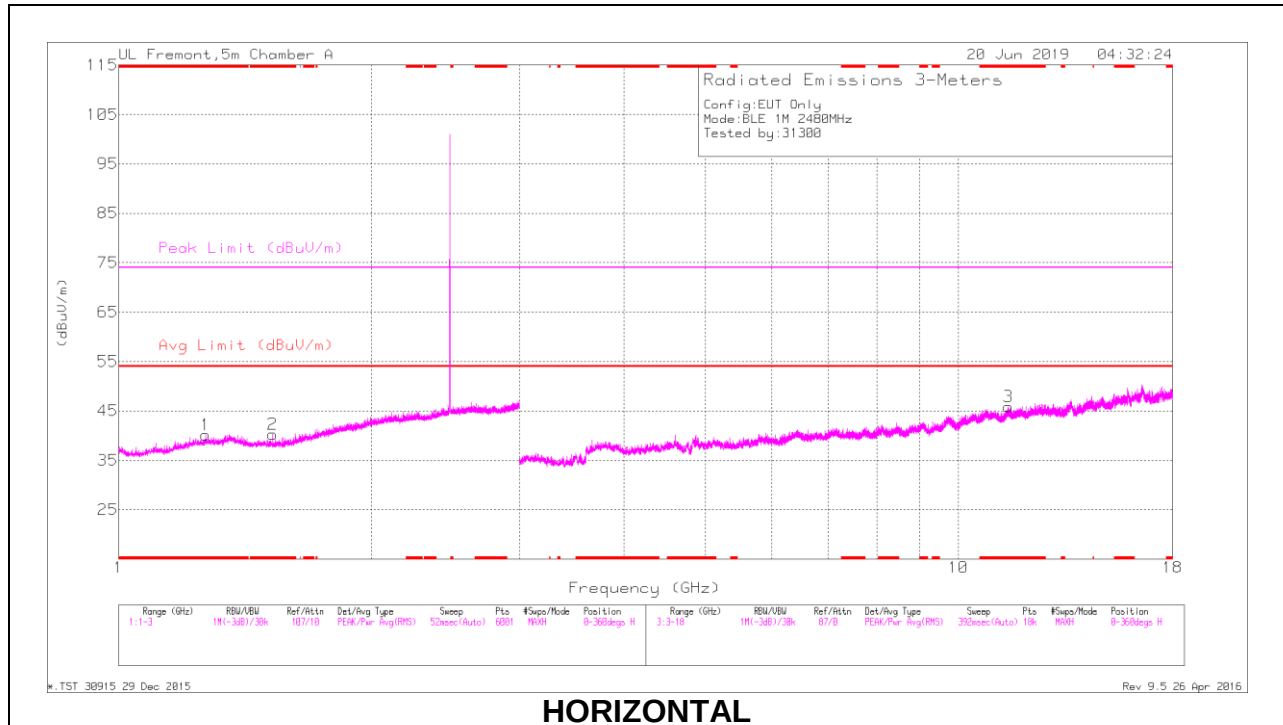
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 17.81	34.88	PK2	41.9	-19.1	57.68	-	-	74	-16.32	163	258	H
	* 17.807	23.49	MAv1	41.8	-19.1	46.19	54	-7.81	-	-	163	258	H
4	* 3.64	40.84	PK2	33.1	-29.5	44.44	-	-	74	-29.56	131	281	V
	* 3.639	30.02	MAv1	33.1	-29.5	33.62	54	-20.38	-	-	131	281	V
5	* 9.469	36.88	PK2	36.8	-24	49.68	-	-	74	-24.32	177	317	V
	* 9.471	25.17	MAv1	36.8	-24.1	37.87	54	-16.13	-	-	177	317	V
6	* 16.112	36.06	PK2	41.1	-21.8	55.36	-	-	74	-18.64	220	299	V
	* 16.111	24.85	MAv1	41.1	-21.8	44.15	54	-9.85	-	-	220	299	V
1	5.83	40.76	PK2	35.5	-29.3	46.96	-	-	74	-27.04	199	277	H
2	9.985	37.47	PK2	37.1	-22.8	51.77	-	-	74	-22.23	123	201	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



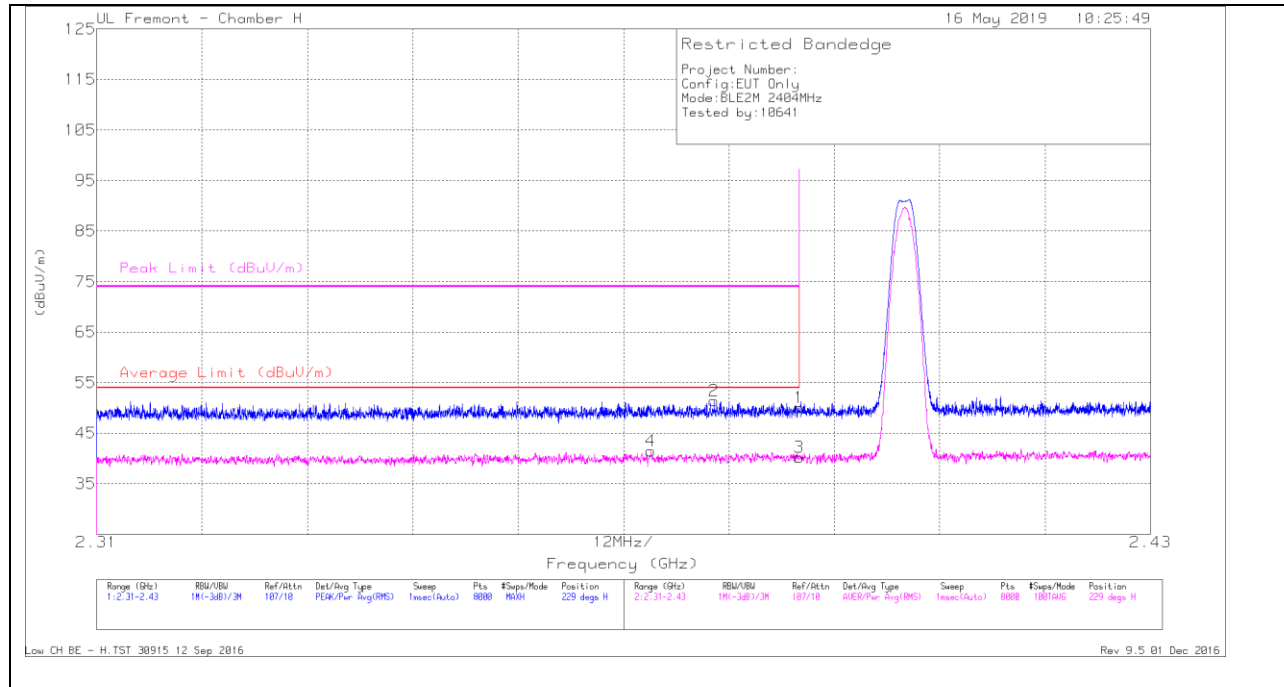
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (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	* 1.271	42.22	PK2	29	-25	46.22	-	-	74	-27.78	360	101	H
	* 1.271	31.47	MAv1	29	-25	35.47	54	-18.53	-	-	360	101	H
2	* 1.525	42.3	PK2	28.1	-24.4	46	-	-	74	-28	360	101	H
	* 1.525	31.41	MAv1	28.1	-24.4	35.11	54	-18.89	-	-	360	101	H
4	* 1.27	42.45	PK2	29	-25	46.45	-	-	74	-27.55	360	101	V
	* 1.272	31.42	MAv1	29	-25	35.42	54	-18.58	-	-	360	101	V
5	* 1.516	42.38	PK2	28.2	-24.5	46.08	-	-	74	-27.92	360	101	V
	* 1.519	31.49	MAv1	28.2	-24.5	35.19	54	-18.81	-	-	360	101	V
3	* 11.484	33.43	PK2	38	-19.6	51.83	-	-	74	-22.17	360	101	H
	* 11.484	23.48	MAv1	38	-19.6	41.88	54	-12.12	-	-	360	101	H
6	* 10.803	33.15	PK2	37.9	-19.9	51.15	-	-	74	-22.85	360	101	V
	* 10.802	23.32	MAv1	37.9	-19.9	41.32	54	-12.68	-	-	360	101	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.7. ANTENNA 2, LOW POWER BLE (2Mbps)**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filtr/Par 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	41.92	Pk	31.6	-23.5	50.02	-	-	74	-23.98	229	100	H
2	* 2.38	43.28	Pk	31.6	-23.5	51.38	-	-	74	-22.62	229	100	H
3	* 2.39	32.18	RMS	31.6	-23.5	40.28	54	-13.72	-	-	229	100	H
4	* 2.373	33.45	RMS	31.5	-23.5	41.45	54	-12.55	-	-	229	100	H

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

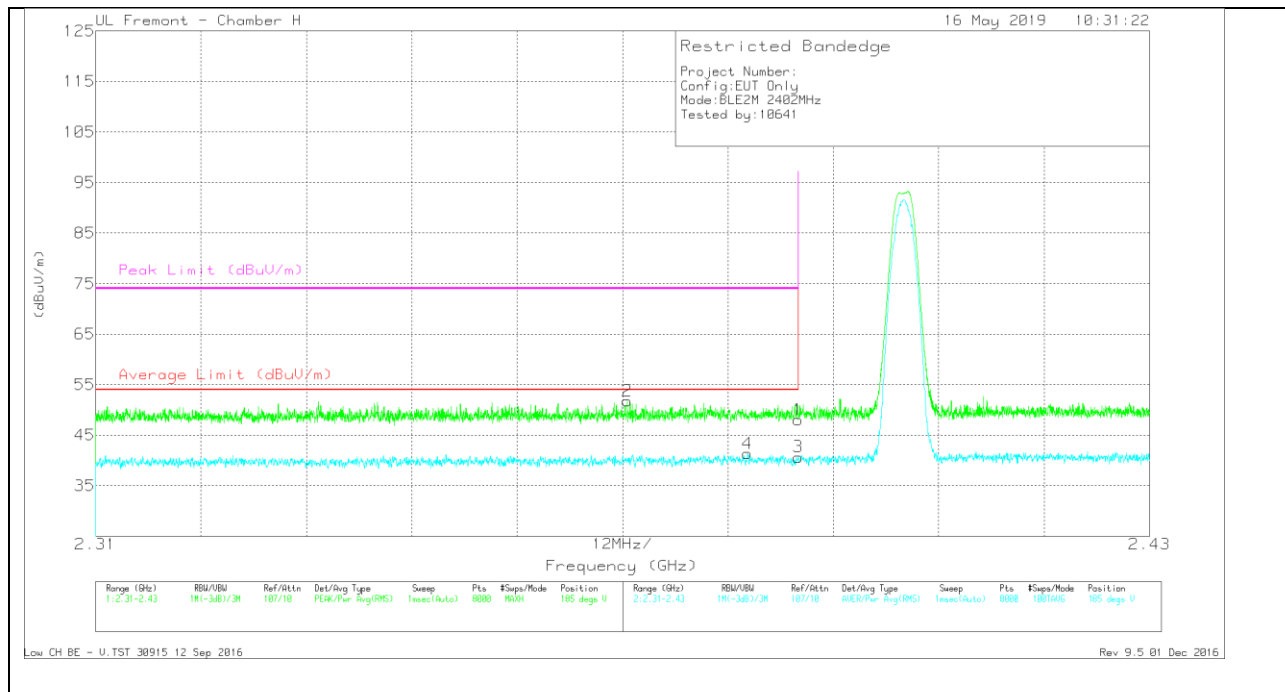
Pk - Peak detector

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/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	39.95	Pk	31.6	-23.5	48.05	-	-	74	-25.95	185	159	V
2	* 2.371	43.77	Pk	31.5	-23.5	51.77	-	-	74	-22.23	185	159	V
3	* 2.39	32.57	RMS	31.6	-23.5	40.67	54	-13.33	-	-	185	159	V
4	* 2.384	33.27	RMS	31.6	-23.5	41.37	54	-12.63	-	-	185	159	V

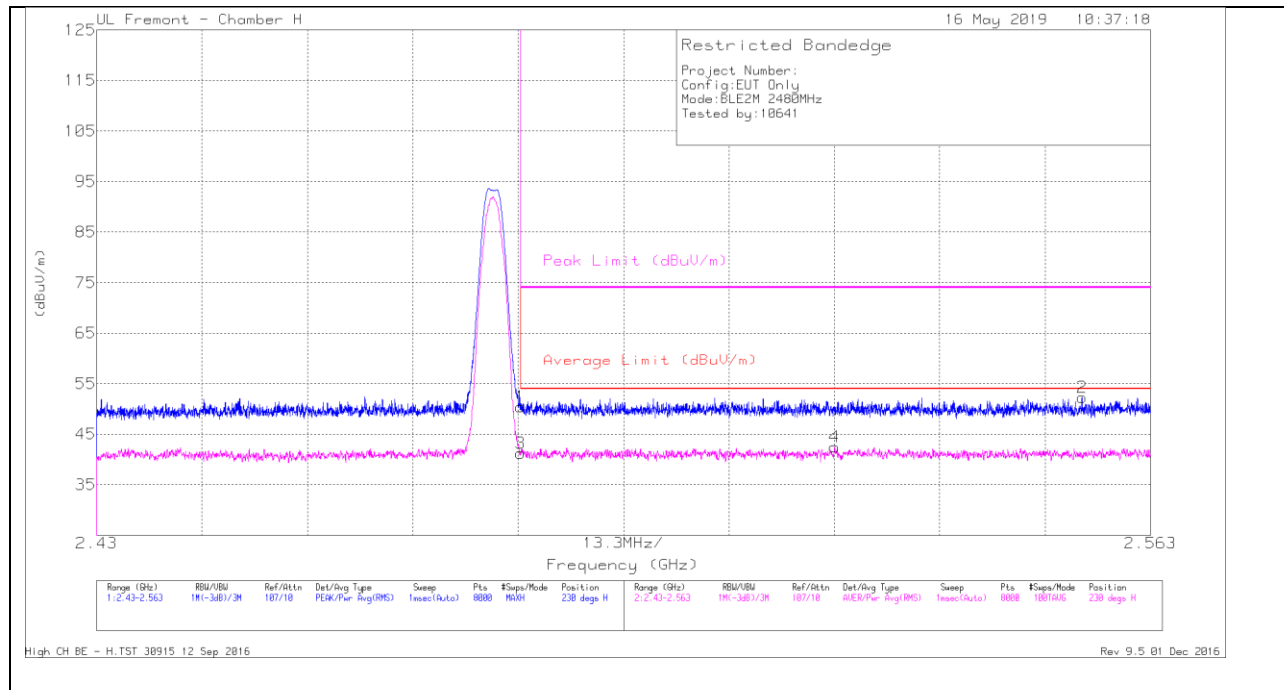
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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 T136 (dB/m)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.45	Pk	32.3	-23.3	50.45	-	-	74	-23.55	230	111	H
3	* 2.484	32.23	RMS	32.3	-23.3	41.23	54	-12.77	-	-	230	111	H
4	2.523	33.25	RMS	32.4	-23.2	42.45	54	-11.55	-	-	230	111	H
2	2.554	43.1	Pk	32.4	-23.2	52.3	-	-	74	-21.7	230	111	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

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16 May 2019 10:42:49

Restricted Bandedge

Project Number:
Config:EUT Only
Mode:BLE2M 2480MHz
Tested by:10641

(dBuV/m)

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

13.3MHz/

Frequency (GHz)

Range (GHz) 1:2.43-2.563 RBW/UBW 1K/-3dB/3M Ref/Alt'n 107/10 Det/Avg Type PEAK/Pwr Avg(RMS) Sweep Inspec(Auto) Pts 8000 #Seps/Mode 100/1 Position 100 degs U

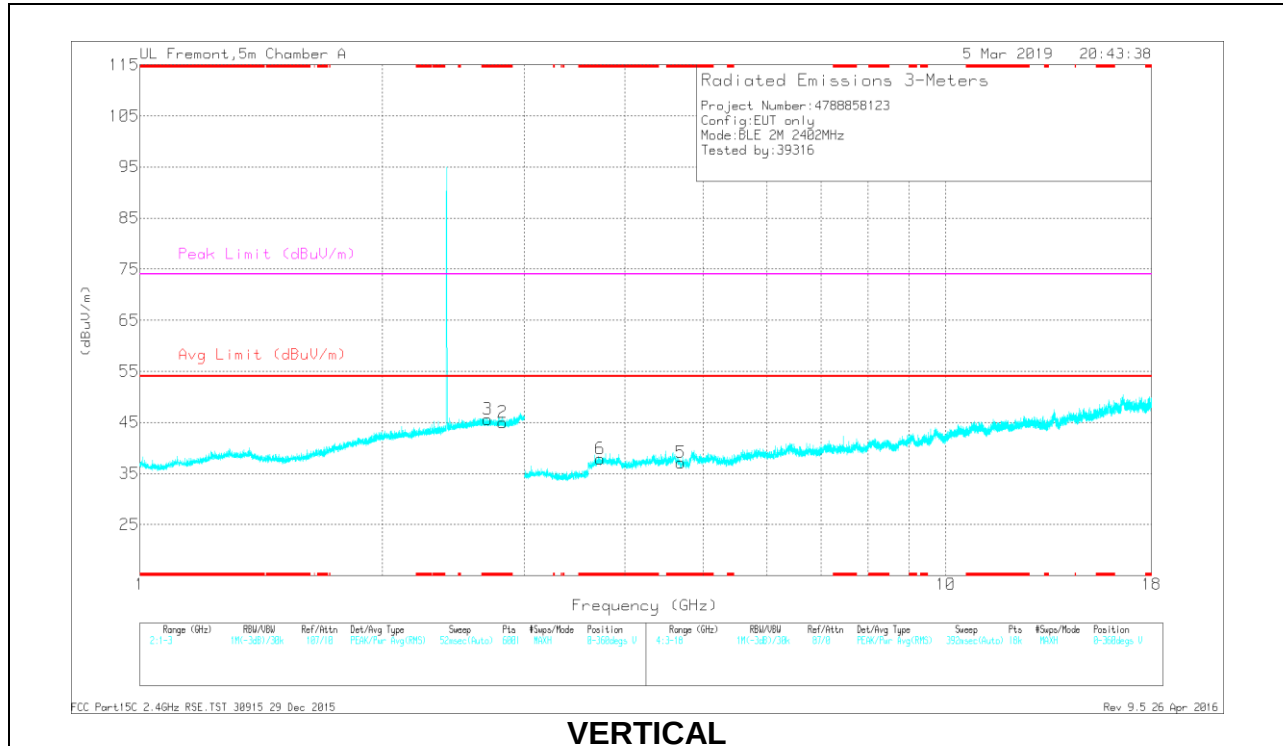
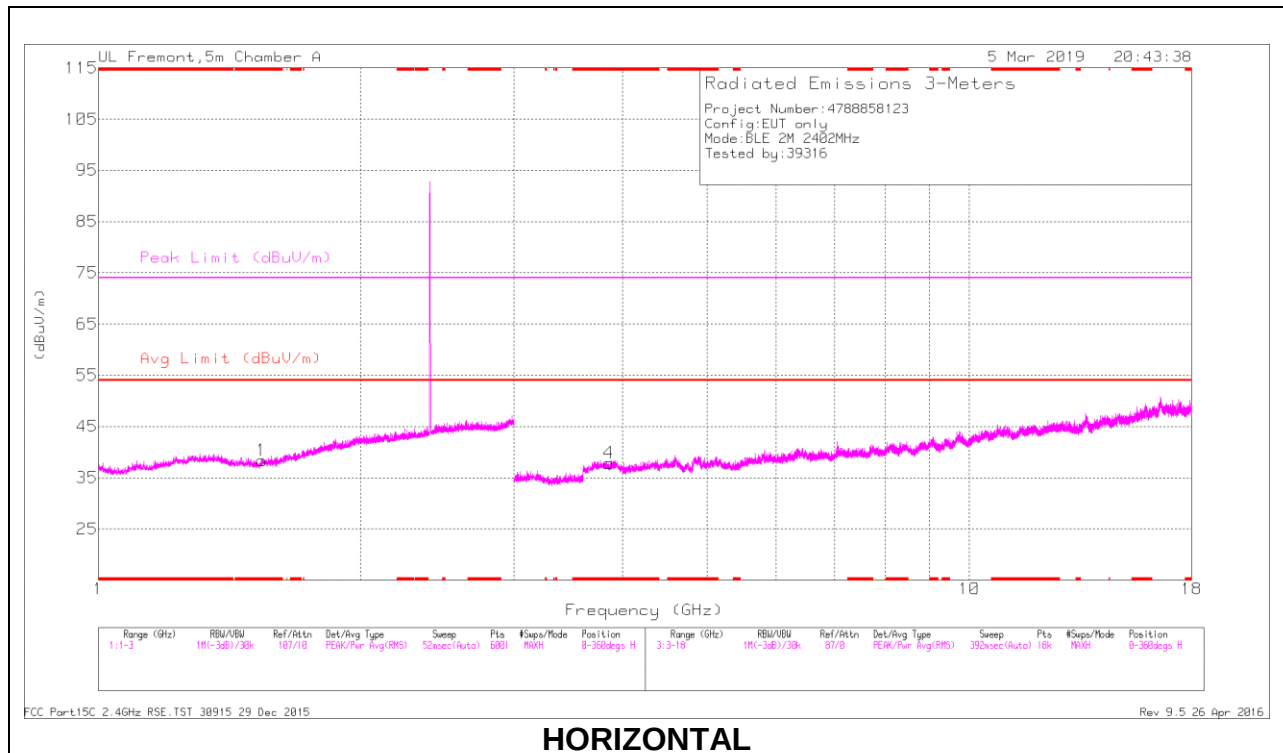
Range (GHz) 2:2.43-2.563 RBW/UBW 1K/-3dB/3M Ref/Alt'n 107/10 Det/Avg Type AVE/Pwr Avg(RMS) Sweep Inspec(Auto) Pts 8000 #Seps/Mode 100/106 Position 100 degs U

High CH BE - U-TST 30915 12 Sep 2016

Rev 9.5.01 Dec 2016

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	* 2.484	41.68	Pk	32.3	-23.3	50.68	-	-	74	-23.32	180	128	V
3	* 2.484	33.11	RMS	32.3	-23.3	42.11	54	-11.89	-	-	180	128	V
4	2.523	33.15	RMS	32.4	-23.2	42.35	54	-11.65	-	-	180	128	V
2	2.525	43.96	Pk	32.4	-23.1	53.26	-	-	74	-20.74	180	128	V

Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL RESULTS**

RADIATED EMISSIONS

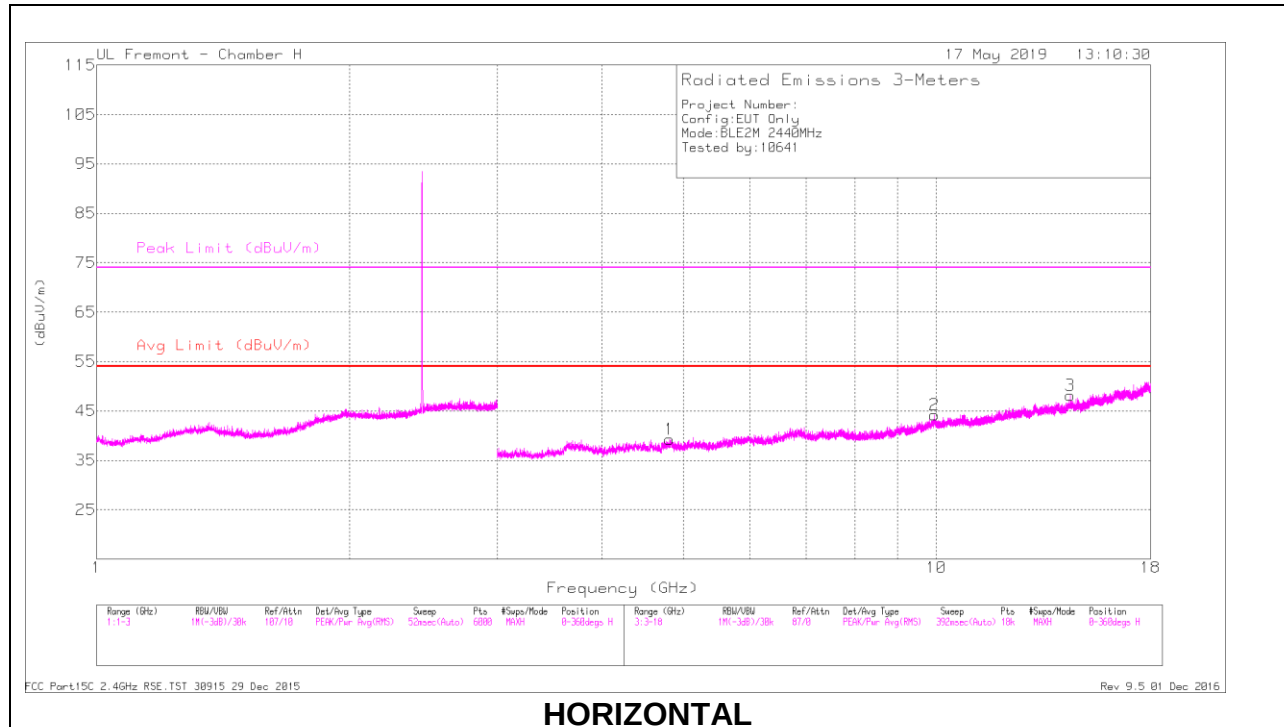
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.541	42.19	PK2	28	-24.4	45.79	-	-	74	-28.21	87	106	H
* 1.541	30.45	MAv1	28	-24.4	34.05	54	-19.95	-	-	87	106	H
* 2.821	42.08	PK2	32.4	-22.1	52.38	-	-	74	-21.62	71	169	V
* 2.82	30.43	MAv1	32.4	-22.1	40.73	54	-13.27	-	-	71	169	V
* 2.7	41.97	PK2	32.4	-22.1	52.27	-	-	74	-21.73	241	127	V
* 2.702	30.57	MAv1	32.4	-22.1	40.87	54	-13.13	-	-	241	127	V
* 3.854	39.35	PK2	33.6	-29.2	43.75	-	-	74	-30.25	49	202	H
* 3.854	28.83	MAv1	33.6	-29.2	33.23	54	-20.77	-	-	49	202	H
* 4.694	38.39	PK2	34.1	-28.7	43.79	-	-	74	-30.21	176	147	V
* 4.693	28.43	MAv1	34.1	-28.7	33.83	54	-20.17	-	-	176	147	V
* 3.725	39.02	PK2	33.3	-28.8	43.52	-	-	74	-30.48	318	272	V
* 3.723	29.5	MAv1	33.3	-28.7	34.1	54	-19.9	-	-	318	272	V

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

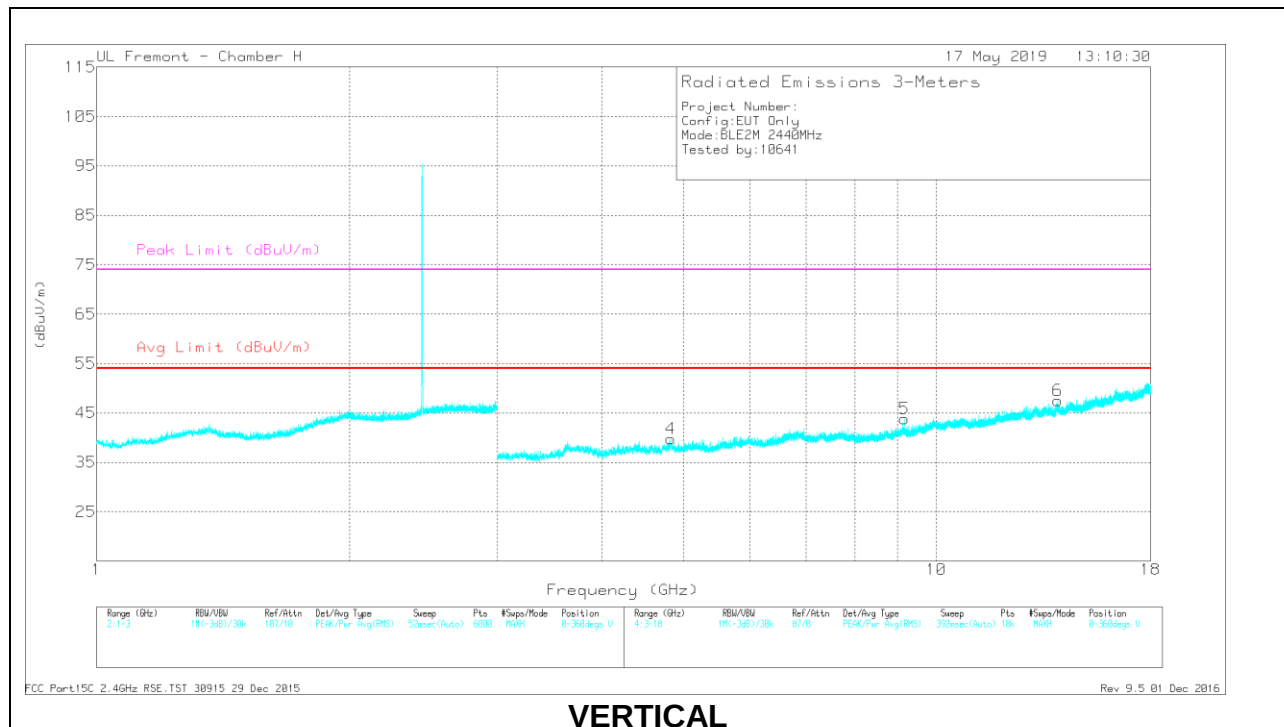
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

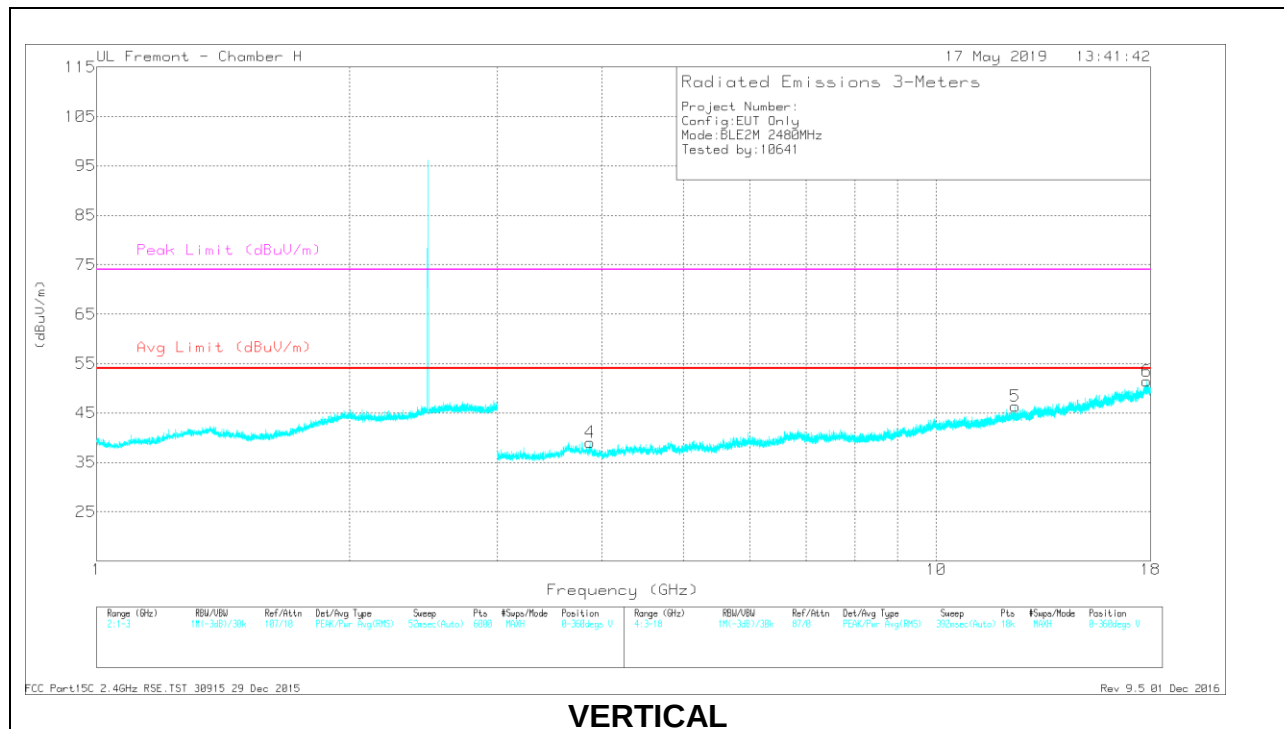
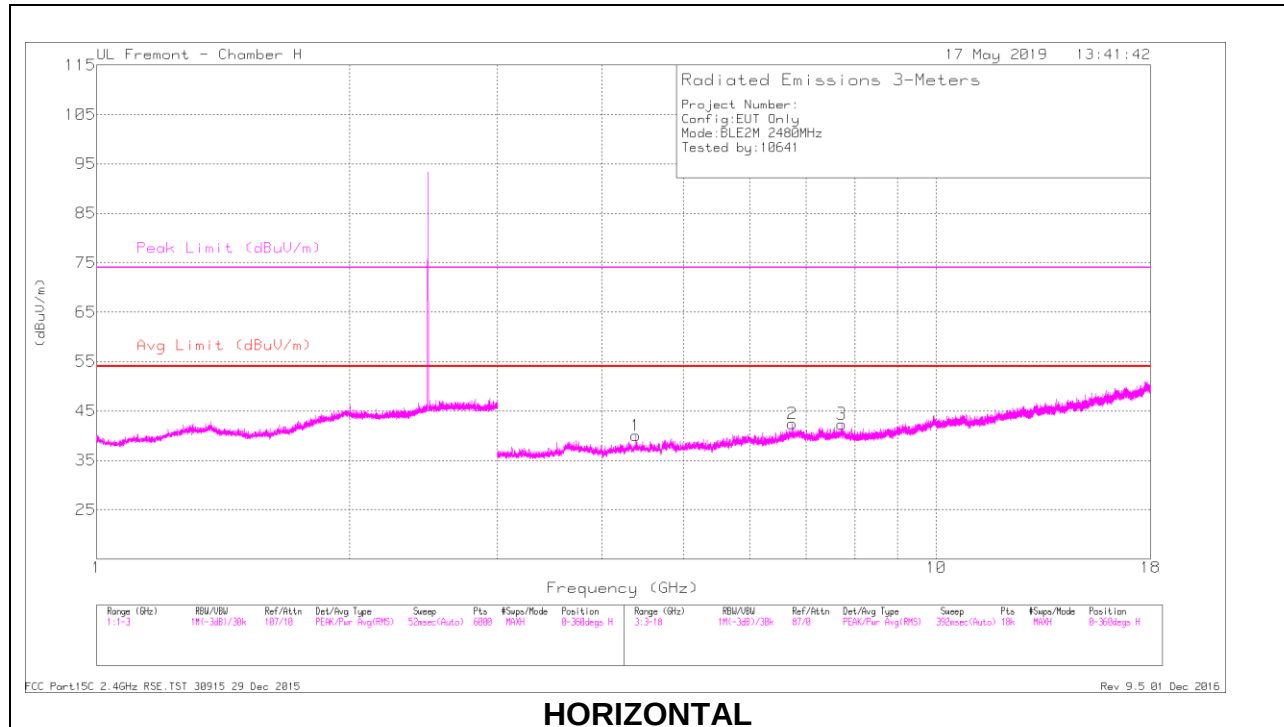
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.813	41.38	PK2	34.1	-30.3	45.18	-	-	74	-28.82	220	163	H
	* 4.815	30.59	MAv1	34.1	-30.3	34.39	54	-19.61	-	-	220	163	H
5	* 9.167	36.45	PK2	36.3	-23.9	48.85	-	-	74	-25.15	199	126	V
	* 9.174	24.94	MAv1	36.2	-24.1	37.04	54	-16.96	-	-	199	126	V
4	* 4.828	41.89	PK2	34.1	-30.3	45.69	-	-	74	-28.31	168	145	V
	* 4.828	30.78	MAv1	34.1	-30.3	34.58	54	-19.42	-	-	168	145	V
2	9.945	36.07	PK2	37.1	-22.5	50.67	-	-	74	-23.33	185	193	H
6	13.95	36.47	PK2	39.2	-21	54.67	-	-	74	-19.33	230	247	V
3	14.44	35.74	PK2	39.8	-21.4	54.14	-	-	74	-19.86	194	212	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



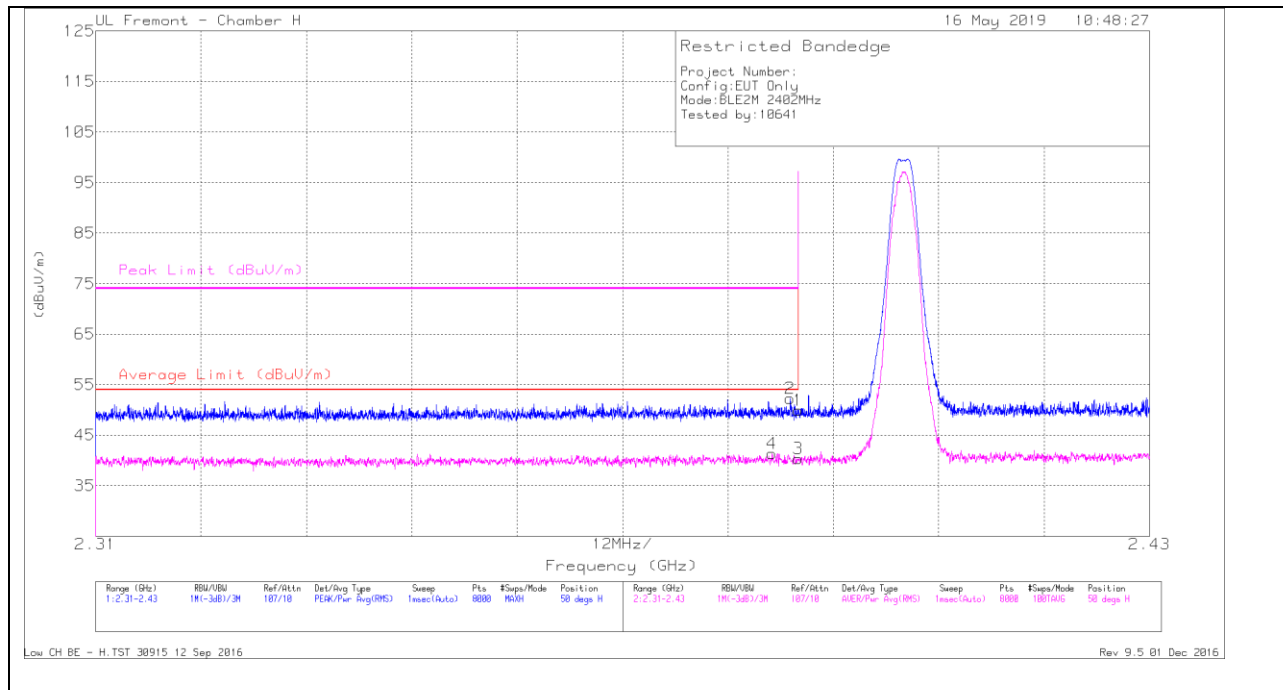
RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.39	41.15	PK2	33.8	-29.9	45.05	-	-	74	-28.95	301	124	H
	* 4.39	29.97	MAv1	33.8	-29.9	33.87	54	-20.13	-	-	301	124	H
3	* 7.716	37.56	PK2	36.6	-26.5	47.66	-	-	74	-26.34	238	153	H
	* 7.717	27.07	MAv1	36.6	-26.4	37.27	54	-16.73	-	-	238	153	H
4	* 3.872	41.72	PK2	33.4	-30.4	44.72	-	-	74	-29.28	179	186	V
	* 3.872	30.79	MAv1	33.4	-30.4	33.79	54	-20.21	-	-	179	186	V
5	* 12.425	36.41	PK2	39.2	-23.5	52.11	-	-	74	-21.89	98	247	V
	* 12.43	24.6	MAv1	39.2	-23.5	40.3	54	-13.7	-	-	98	247	V
6	* 17.799	34.92	PK2	41.9	-19	57.82	-	-	74	-16.18	138	281	V
	* 17.798	23.91	MAv1	41.9	-19	46.81	54	-7.19	-	-	138	281	V
2	6.737	39.55	PK2	36.9	-28.8	47.65	-	-	74	-26.35	104	300	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.8. ANTENNA 5, LOW POWER BLE (2Mbps)**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF-T136 (dB/m)	Ampl/Cbl/Filt/Par 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	41.81	Pk	31.6	-23.5	49.91	-	-	74	-24.09	50	223	H
2	* 2.389	44.19	Pk	31.6	-23.5	52.29	-	-	74	-21.71	50	223	H
3	* 2.39	32.25	RMS	31.6	-23.5	40.35	54	-13.65	-	-	50	223	H
4	* 2.387	33.3	RMS	31.6	-23.5	41.4	54	-12.6	-	-	50	223	H

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

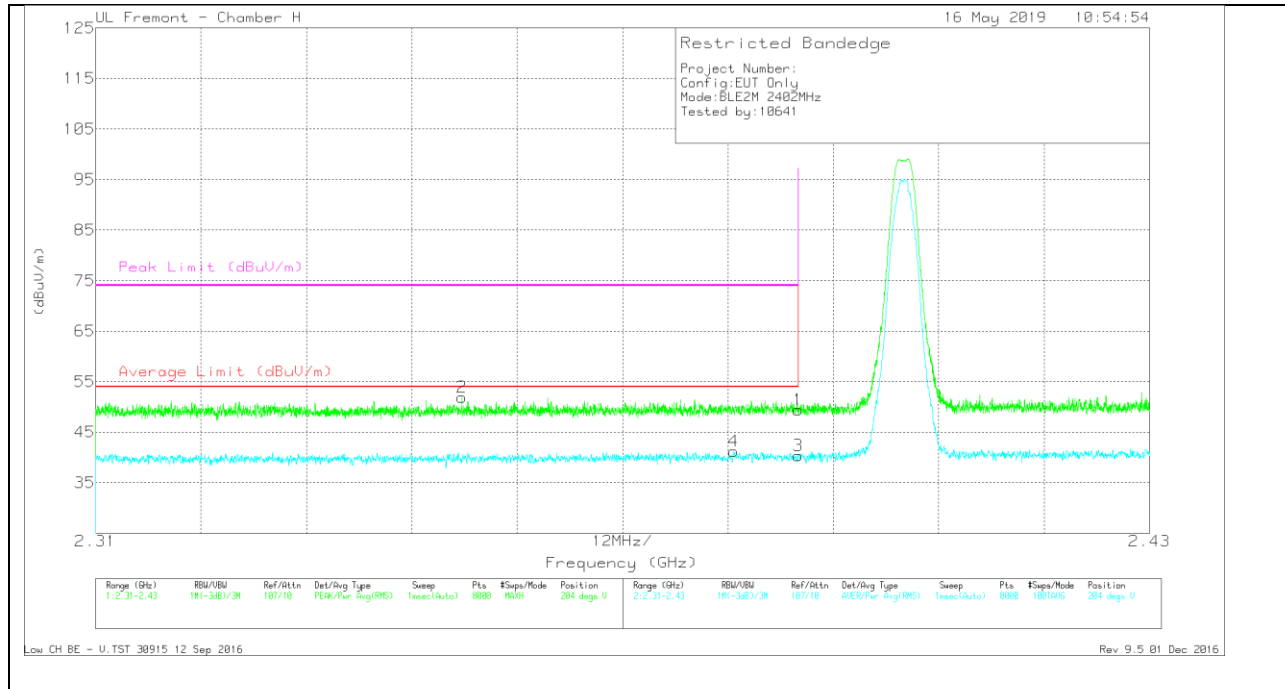
Pk - Peak detector

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/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	41.35	Pk	31.6	-23.5	49.45	-	-	74	-24.55	204	324	V
2	* 2.352	44.15	Pk	31.4	-23.6	51.95	-	-	74	-22.05	204	324	V
3	* 2.39	32.29	RMS	31.6	-23.5	40.39	54	-13.61	-	-	204	324	V
4	* 2.383	33.1	RMS	31.6	-23.5	41.2	54	-12.8	-	-	204	324	V

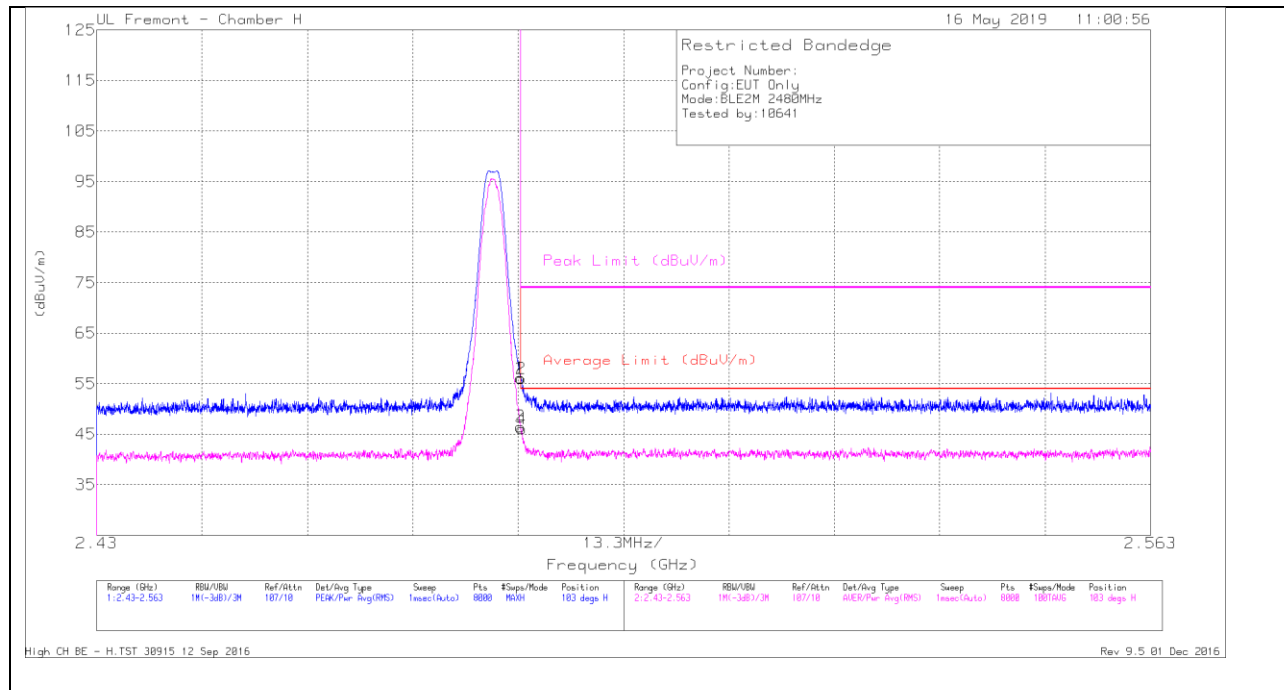
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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 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	* 2.484	47.16	Pk	32.3	-23.3	56.16	-	-	74	-17.84	103	142	H
2	* 2.484	46.99	Pk	32.3	-23.3	55.99	-	-	74	-18.01	103	142	H
3	* 2.484	37.5	RMS	32.3	-23.3	46.5	54	-7.5	-	-	103	142	H
4	* 2.484	37.03	RMS	32.3	-23.3	46.03	54	-7.97	-	-	103	142	H

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

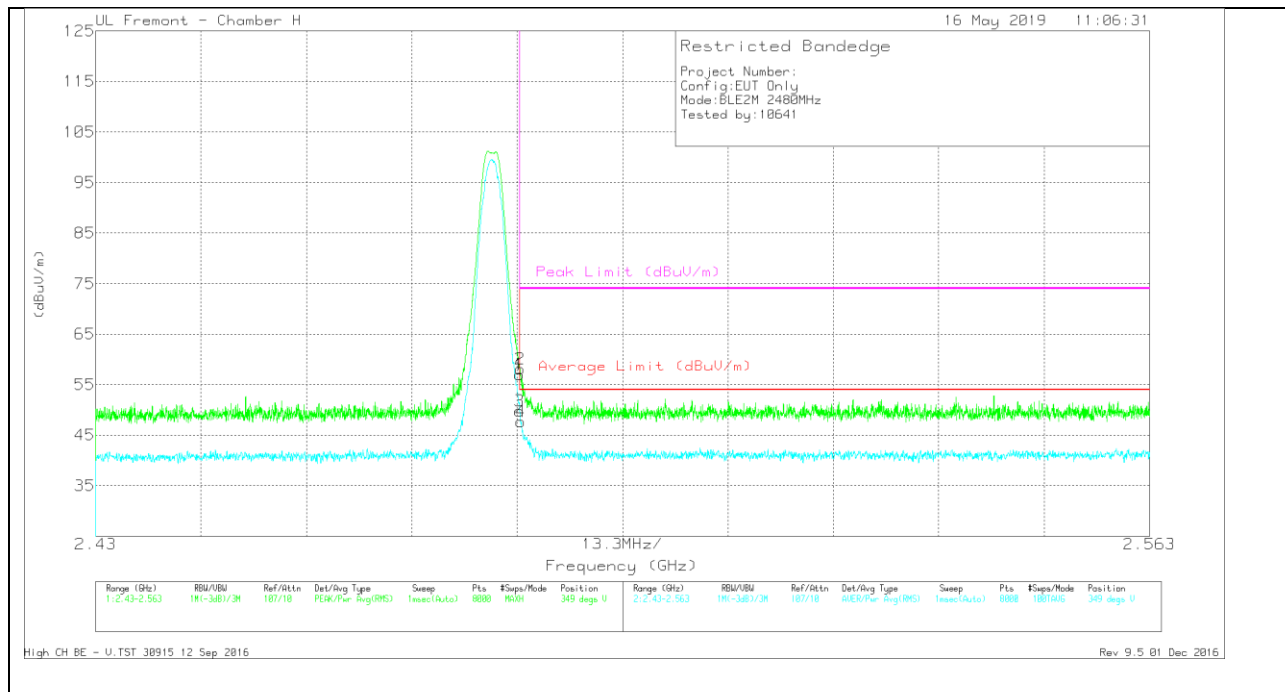
Pk - Peak detector

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 T136 (dB/m)	Amp/Cbl/Filtr/Par 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	47.96	Pk	32.3	-23.3	56.96	-	-	74	-17.04	349	114	V
2	* 2.484	49.06	Pk	32.3	-23.3	58.06	-	-	74	-15.94	349	114	V
3	* 2.484	40.82	RMS	32.3	-23.3	49.82	54	-4.18	-	-	349	114	V
4	* 2.484	38.66	RMS	32.3	-23.3	47.66	54	-6.34	-	-	349	114	V

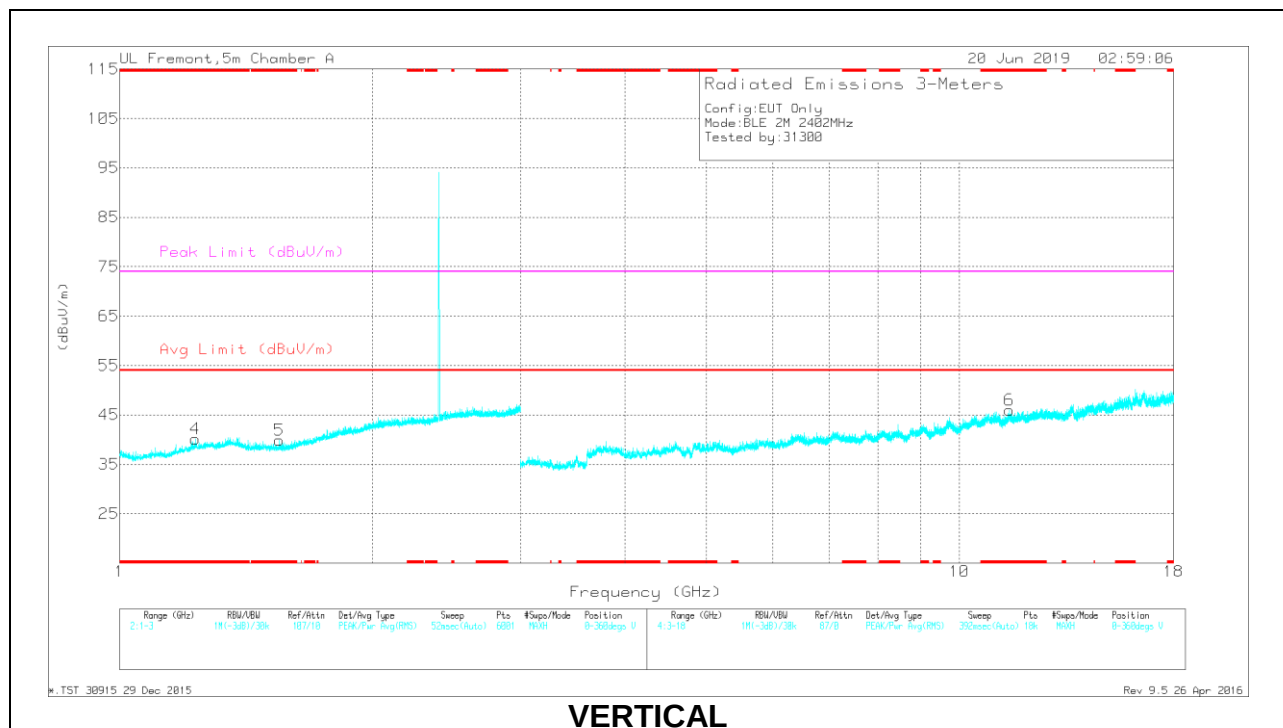
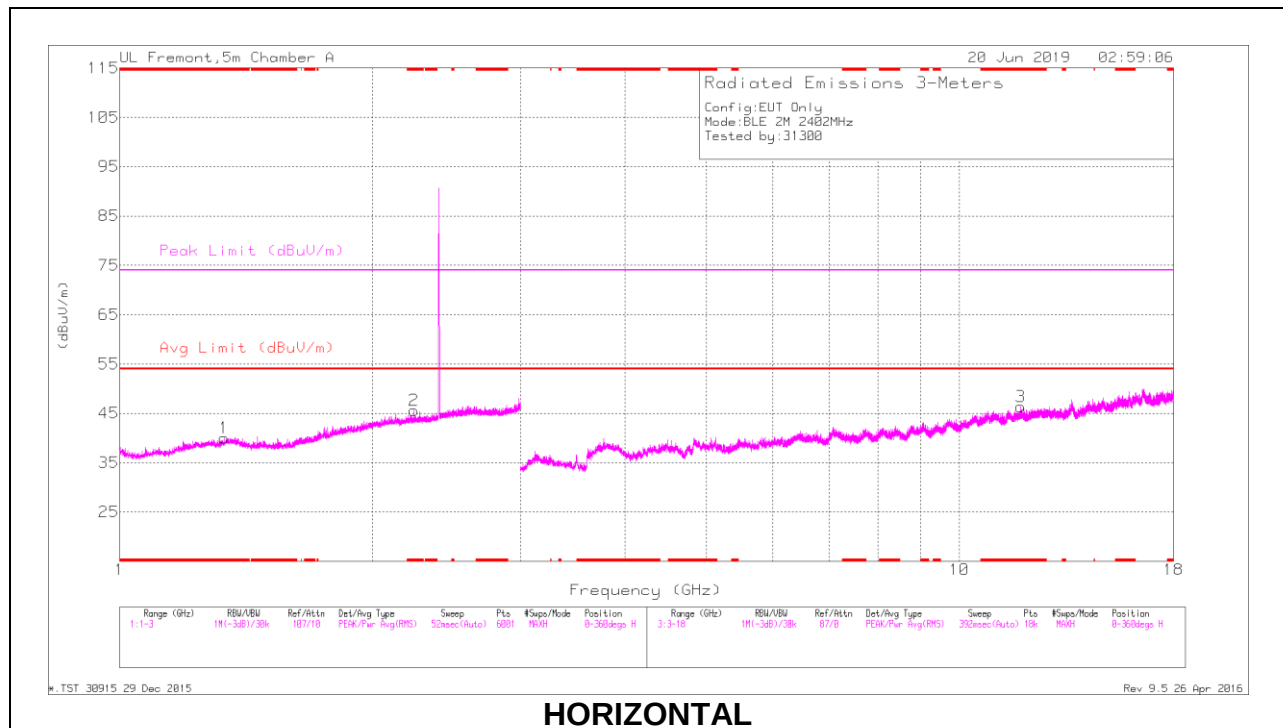
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

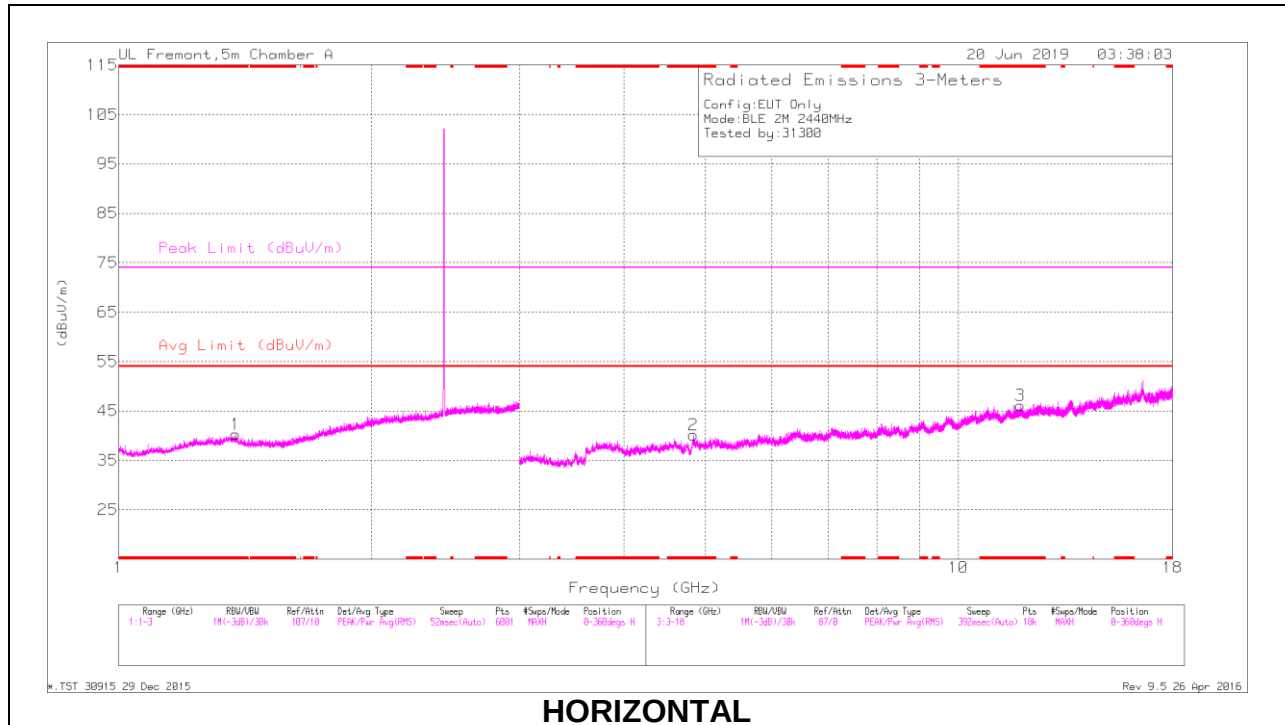
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.33	42.88	PK2	29	-25	46.88	-	-	74	-27.12	360	100	H
	* 1.332	31.7	MAv1	29	-25	35.7	54	-18.3	-	-	360	100	H
2	* 2.238	42.16	PK2	31.9	-23	51.06	-	-	74	-22.94	360	100	H
	* 2.24	31.33	MAv1	31.9	-22.9	40.33	54	-13.67	-	-	360	100	H
4	* 1.231	43.18	PK2	28.7	-25	46.88	-	-	74	-27.12	360	100	V
	* 1.231	31.68	MAv1	28.7	-24.9	35.48	54	-18.52	-	-	360	100	V
5	* 1.551	42.64	PK2	28.1	-24.3	46.44	-	-	74	-27.56	360	100	V
	* 1.55	31.56	MAv1	28.1	-24.3	35.36	54	-18.64	-	-	360	100	V
3	* 11.831	34.05	PK2	38.5	-20.2	52.35	-	-	74	-21.65	360	100	H
	* 11.832	23.61	MAv1	38.5	-20.2	41.91	54	-12.09	-	-	360	100	H
6	* 11.483	33.56	PK2	38	-19.6	51.96	-	-	74	-22.04	360	100	V
	* 11.486	23.53	MAv1	38.1	-19.6	42.03	54	-11.97	-	-	360	100	V

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

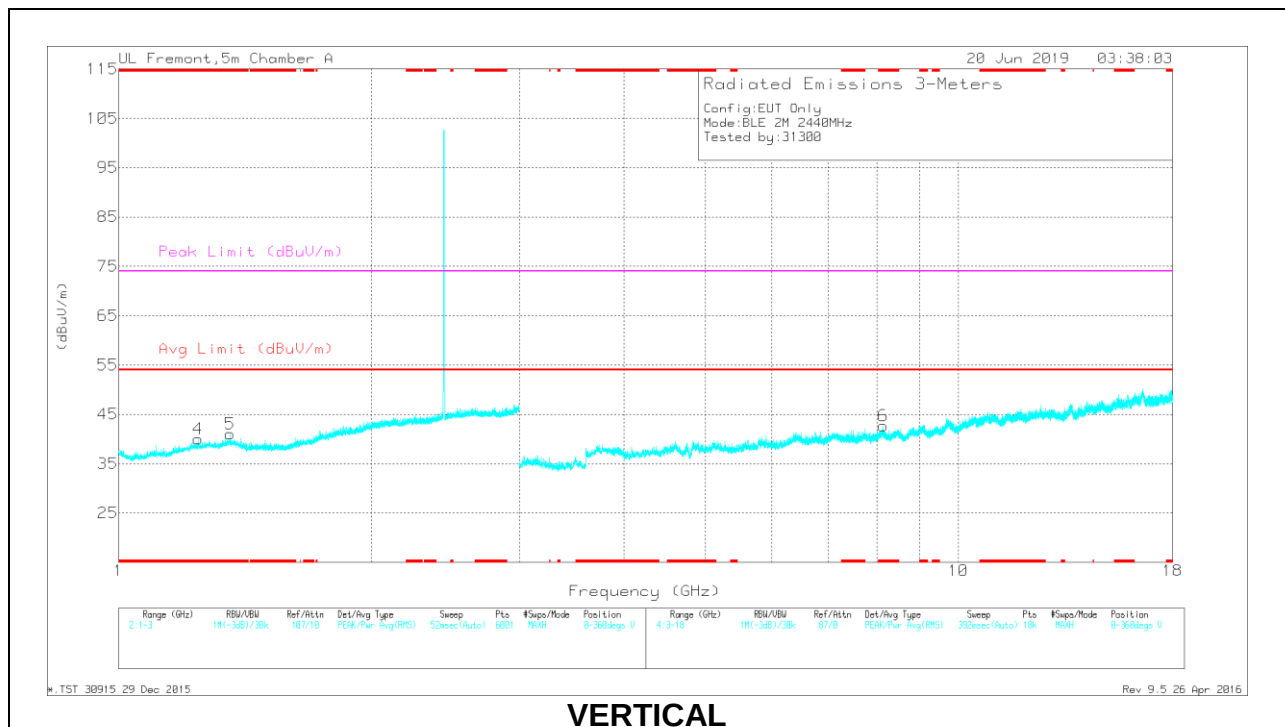
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

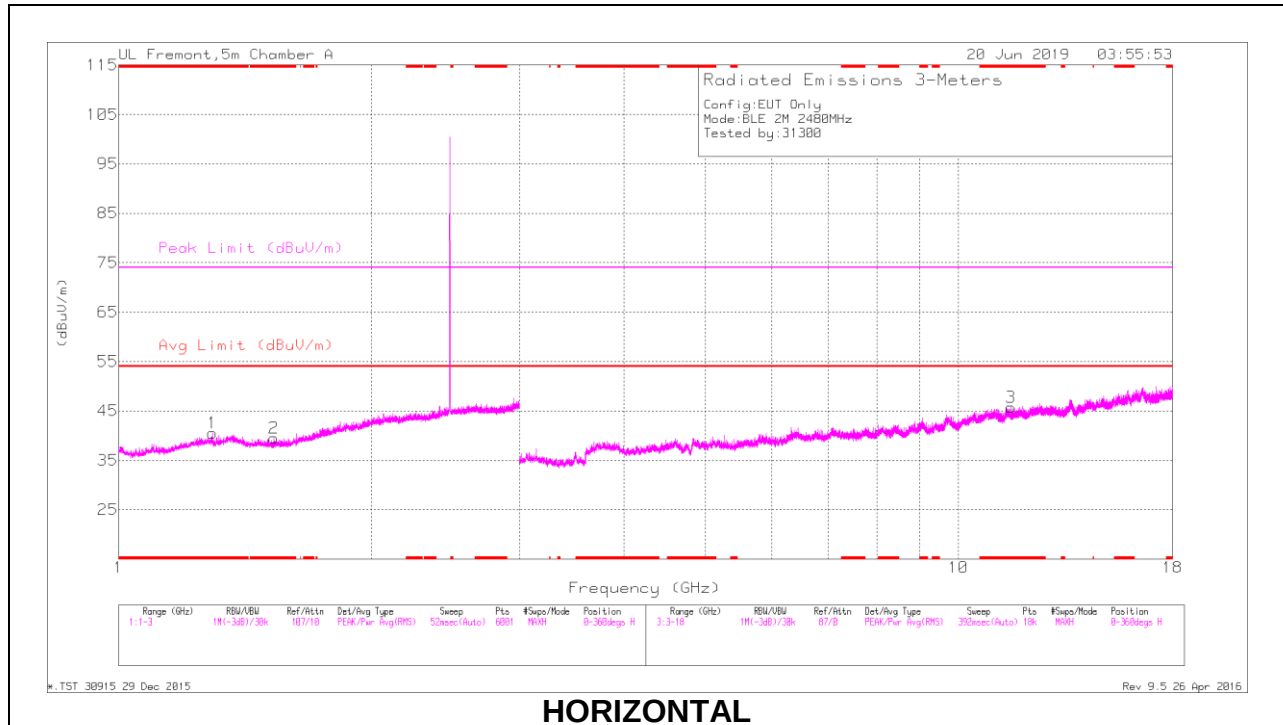
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.381	42.23	PK2	29.3	-24.9	46.63	-	-	74	-27.37	360	101	H
	* 1.379	31.43	MAv1	29.3	-24.9	35.83	54	-18.17	-	-	360	101	H
4	* 1.244	42.31	PK2	28.7	-24.9	46.11	-	-	74	-27.89	360	101	V
	* 1.243	31.64	MAv1	28.7	-24.9	35.44	54	-18.56	-	-	360	101	V
5	* 1.357	42.87	PK2	29.6	-25	47.47	-	-	74	-26.53	360	101	V
	* 1.36	31.57	MAv1	29.5	-25	36.07	54	-17.93	-	-	360	101	V
2	* 4.836	37.9	PK2	34.3	-26.9	45.3	-	-	74	-28.7	360	101	H
	* 4.837	28.44	MAv1	34.3	-26.9	35.84	54	-18.16	-	-	360	101	H
3	* 11.848	33.65	PK2	38.5	-20	52.15	-	-	74	-21.85	360	101	H
	* 11.848	23.52	MAv1	38.5	-20	42.02	54	-11.98	-	-	360	101	H
6	* 8.146	34.89	PK2	35.8	-22.6	48.09	-	-	74	-25.91	360	101	V
	* 8.144	24.93	MAv1	35.8	-22.6	38.13	54	-15.87	-	-	360	101	V

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

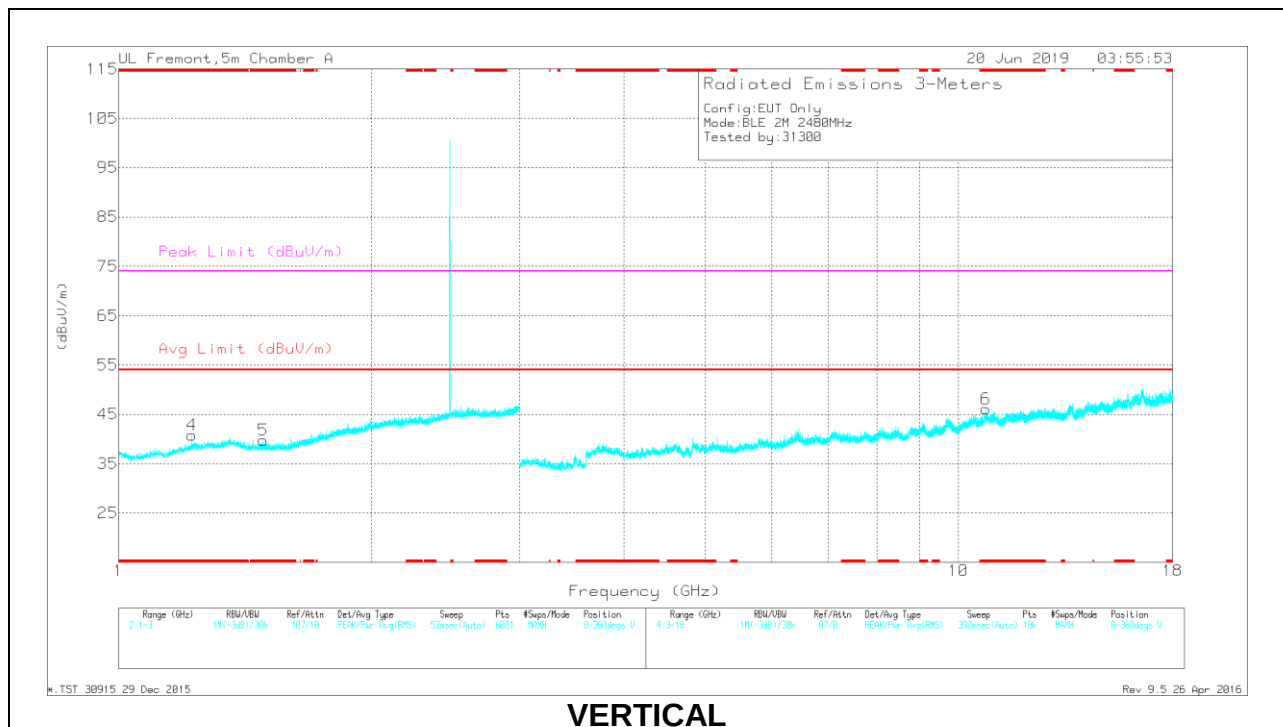
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

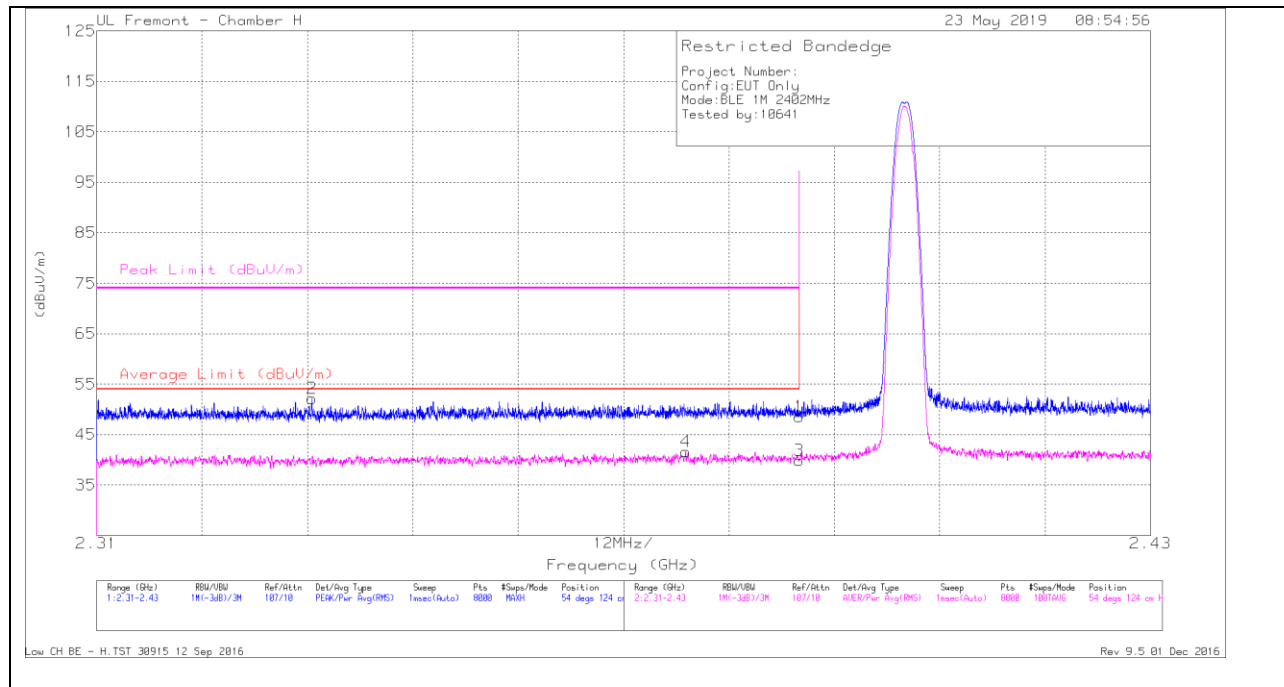
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (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	* 1.295	42.42	PK2	28.9	-25	46.32	-	-	74	-27.68	360	100	H
	* 1.292	31.84	MAv1	29	-24.9	35.94	54	-18.06	-	-	360	100	H
2	* 1.529	42.09	PK2	28.1	-24.5	45.69	-	-	74	-28.31	360	100	H
	* 1.53	31.42	MAv1	28.1	-24.5	35.02	54	-18.98	-	-	360	100	H
4	* 1.222	42.83	PK2	28.6	-25	46.43	-	-	74	-27.57	360	100	V
	* 1.221	31.54	MAv1	28.6	-25	35.14	54	-18.86	-	-	360	100	V
5	* 1.487	42.36	PK2	28.4	-24.7	46.06	-	-	74	-27.94	360	100	V
	* 1.486	31.54	MAv1	28.4	-24.6	35.34	54	-18.66	-	-	360	100	V
3	* 11.564	33.55	PK2	38.2	-20.3	51.45	-	-	74	-22.55	360	100	H
	* 11.564	23.39	MAv1	38.2	-20.3	41.29	54	-12.71	-	-	360	100	H
6	* 10.785	33.46	PK2	37.9	-19.7	51.66	-	-	74	-22.34	360	100	V
	* 10.786	23.38	MAv1	37.9	-19.7	41.58	54	-12.42	-	-	360	100	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.9. BEAMFORMING, HIGH POWER BLE (1Mbps)**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/P 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	40.48	PK	31.6	-23.5	48.58	-	-	74	-25.42	54	124	H
2	* 2.335	44.54	PK	31.2	-23.6	52.14	-	-	74	-21.86	54	124	H
3	* 2.39	31.72	RMS	31.6	-23.5	39.82	54	-14.18	-	-	54	124	H
4	* 2.377	33.48	RMS	31.6	-23.5	41.58	54	-12.42	-	-	54	124	H

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

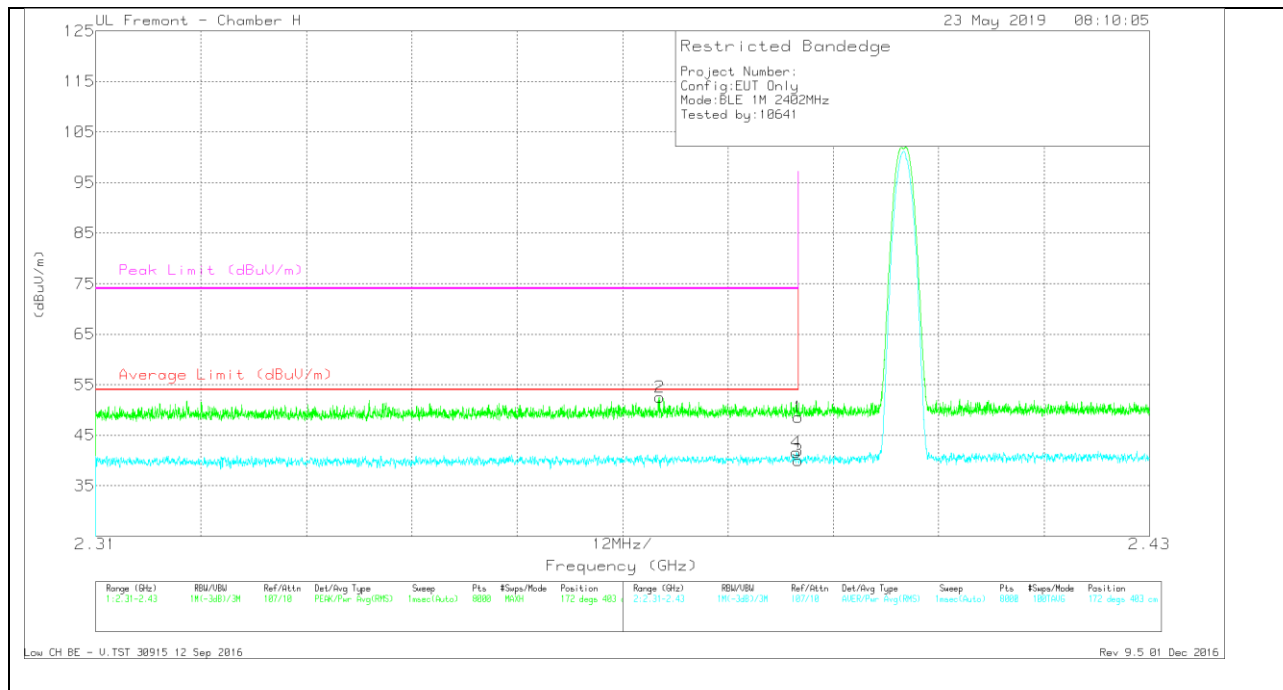
Pk - Peak detector

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/Filtr/P 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	40.47	Pk	31.6	-23.5	48.57	-	-	74	-25.43	172	403	V
2	* 2.374	44.4	Pk	31.6	-23.5	52.5	-	-	74	-21.5	172	403	V
3	* 2.39	31.91	RMS	31.6	-23.5	40.01	54	-13.99	-	-	172	403	V
4	* 2.39	33.52	RMS	31.6	-23.5	41.62	54	-12.38	-	-	172	403	V

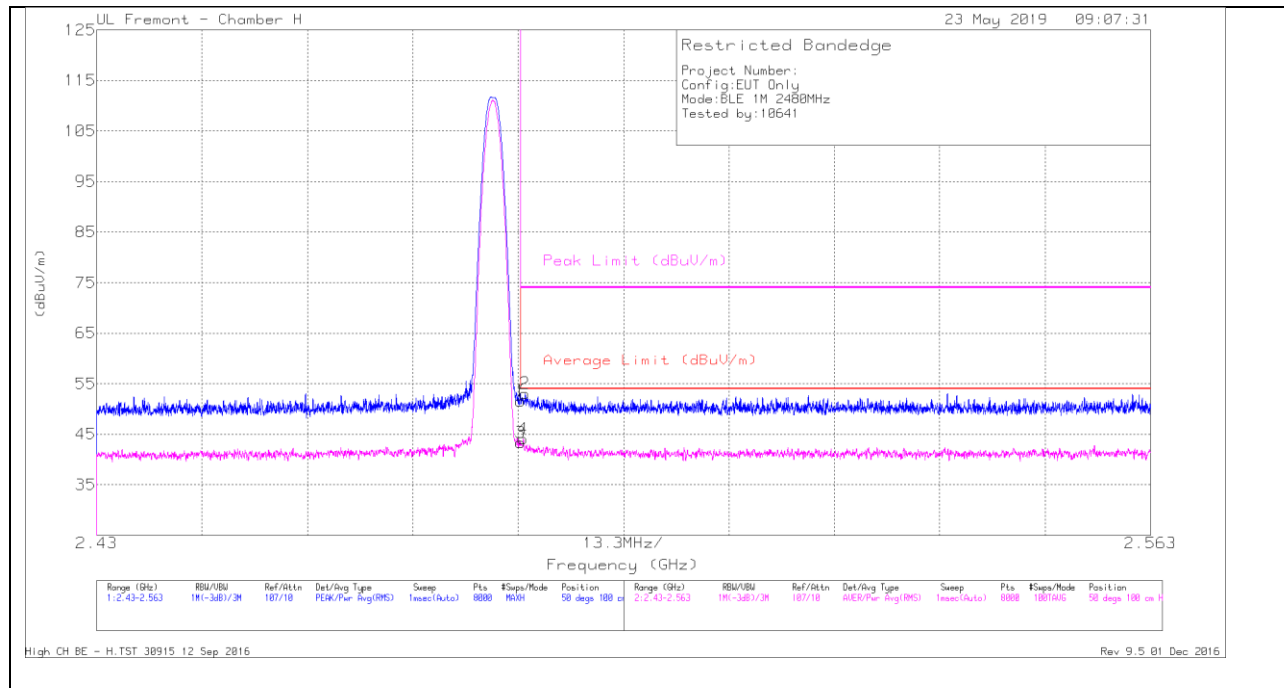
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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 T136 (dB/m)	Ampl/Cbl/Filtr/P 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	* 2.484	42.59	Pk	32.3	-23.3	51.59	-	-	74	-22.41	50	100	H
2	* 2.484	44.08	Pk	32.3	-23.3	53.08	-	-	74	-20.92	50	100	H
3	* 2.484	34.3	RMS	32.3	-23.3	43.3	54	-10.7	-	-	50	100	H
4	* 2.484	35.11	RMS	32.3	-23.3	44.11	54	-9.89	-	-	50	100	H

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

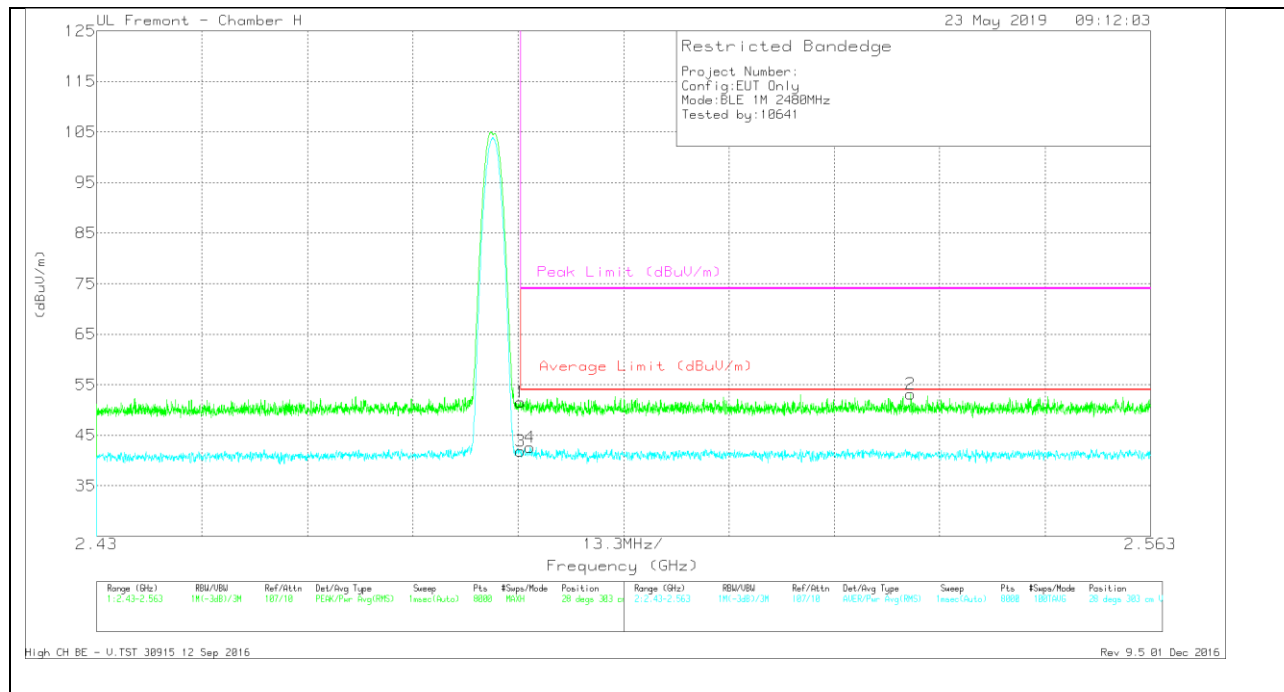
Pk - Peak detector

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 T136 (dB/m)	Amp/Cbl/Filtr/P 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	* 2.484	42.51	Pk	32.3	-23.3	51.51	-	-	74	-22.49	28	303	V
3	* 2.484	32.85	RMS	32.3	-23.3	41.85	54	-12.15	-	-	28	303	V
4	* 2.485	33.62	RMS	32.3	-23.3	42.62	54	-11.38	-	-	28	303	V
2	2.533	43.99	PK	32.4	-23.2	53.19	-	-	74	-20.81	28	303	V

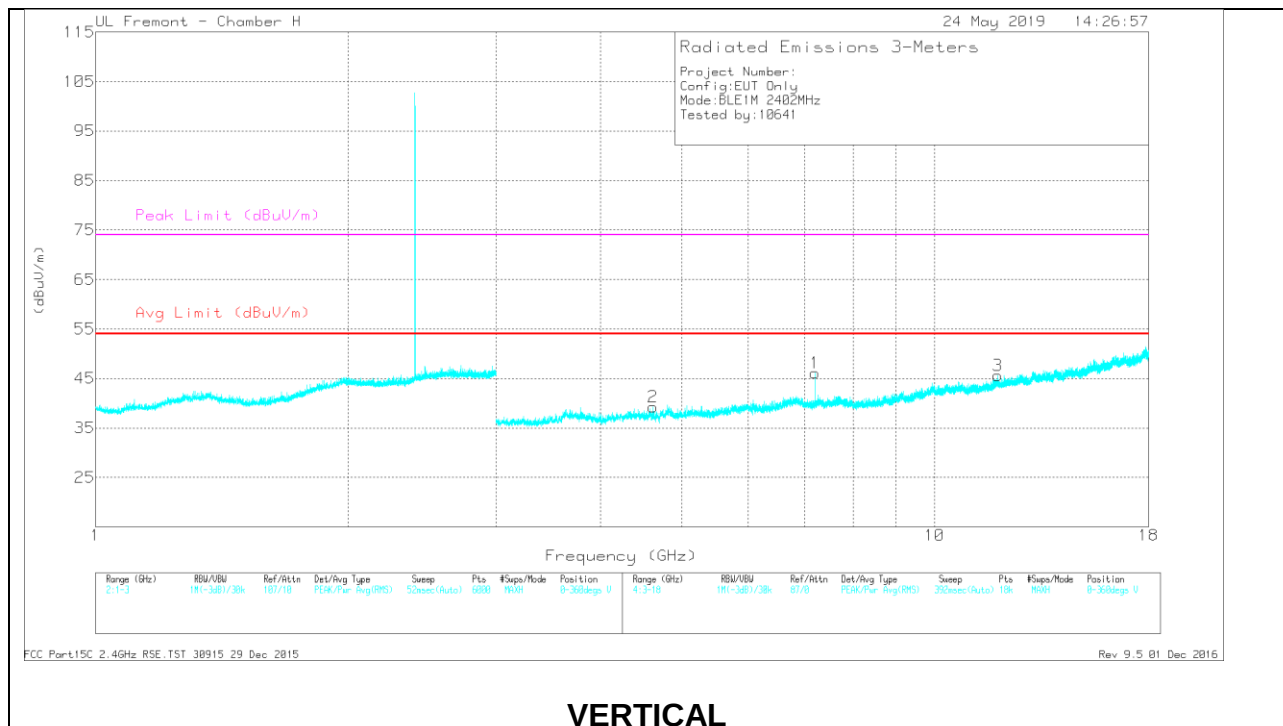
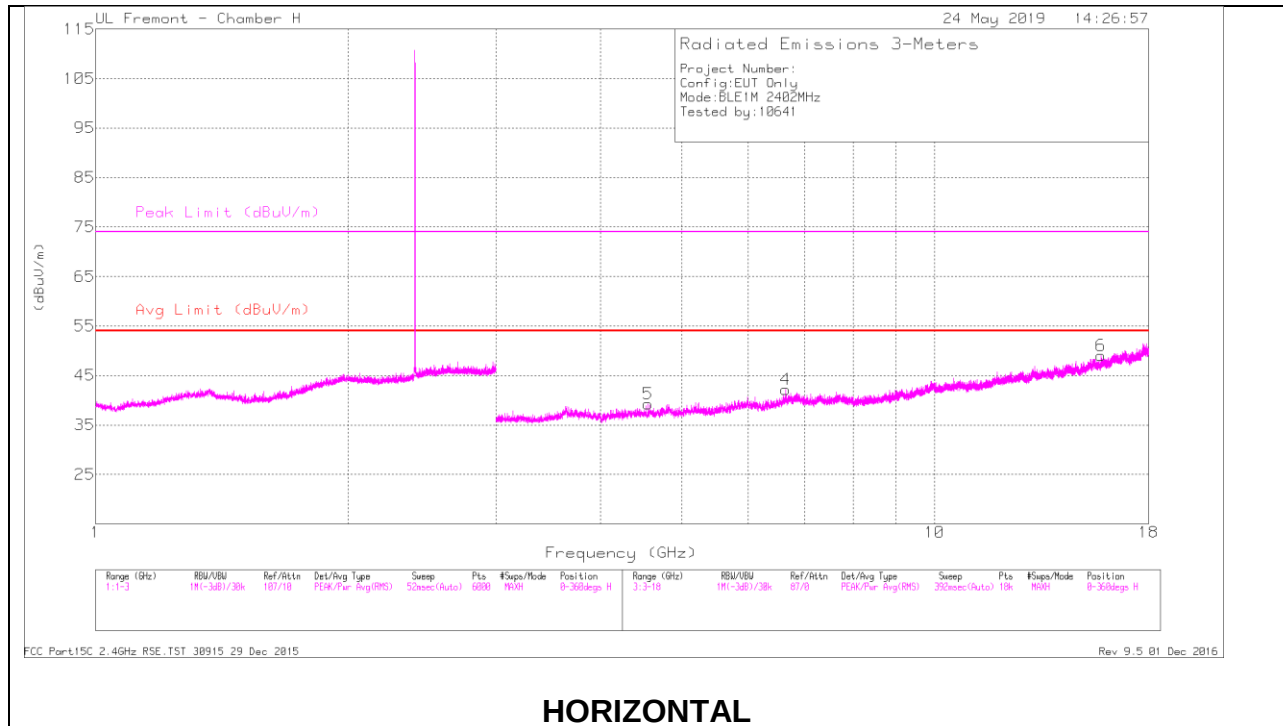
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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	Frequenc y (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
5	* 4.555	41.28	PK2	34.2	-30.2	45.28	-	-	74	-28.72	270	129	H
	* 4.554	30.17	MAv1	34.1	-30.2	34.07	54	-19.93	-	-	270	129	H
6	* 15.791	36.91	PK2	40.6	-21.7	55.81	-	-	74	-18.19	230	155	H
	* 15.792	24.78	MAv1	40.6	-21.7	43.68	54	-10.32	-	-	230	155	H
2	* 4.617	41.74	PK2	34.2	-30	45.94	-	-	74	-28.06	197	177	V
	* 4.617	29.91	MAv1	34.2	-30	34.11	54	-19.89	-	-	197	177	V
3	* 11.9	35.53	PK2	38.7	-22.9	51.33	-	-	74	-22.67	217	161	V
	* 11.897	24.84	MAv1	38.7	-22.9	40.64	54	-13.36	-	-	217	161	V
4	6.65	40.32	PK2	36.7	-28.7	48.32	-	-	74	-25.68	320	115	H
1	7.207	43.24	PK2	36.3	-28	51.54	-	-	74	-22.46	354	104	V

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

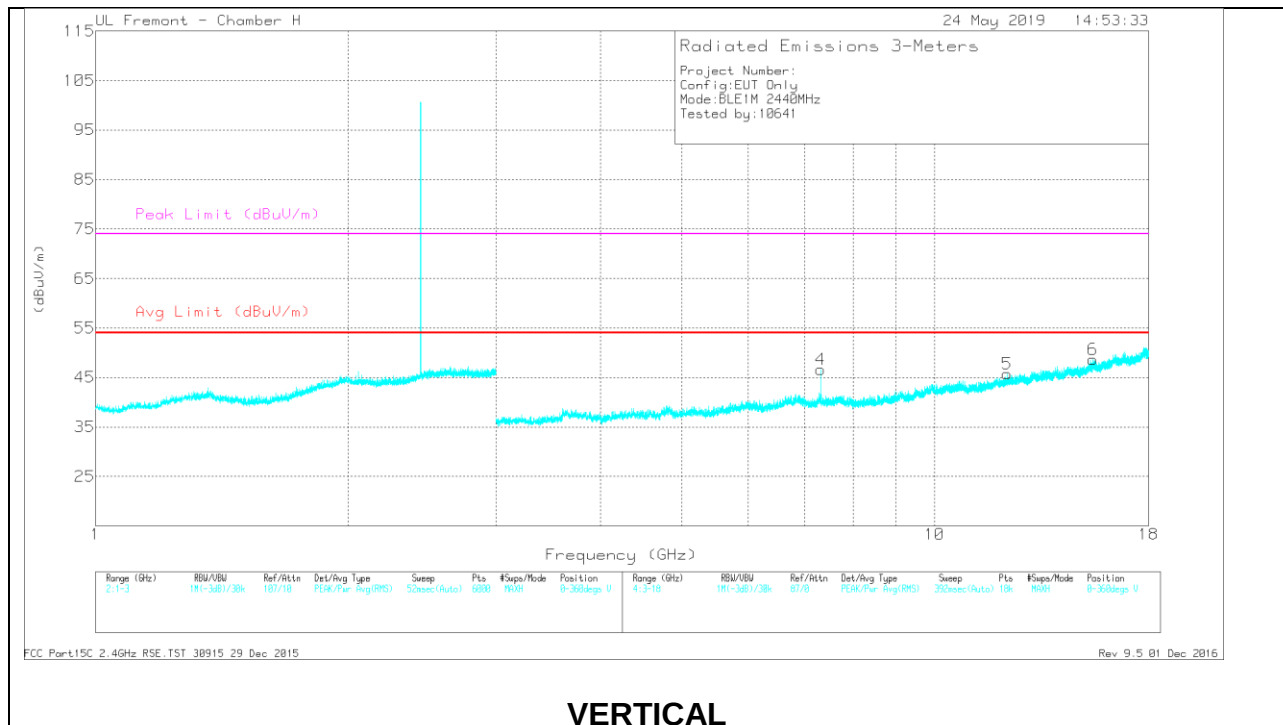
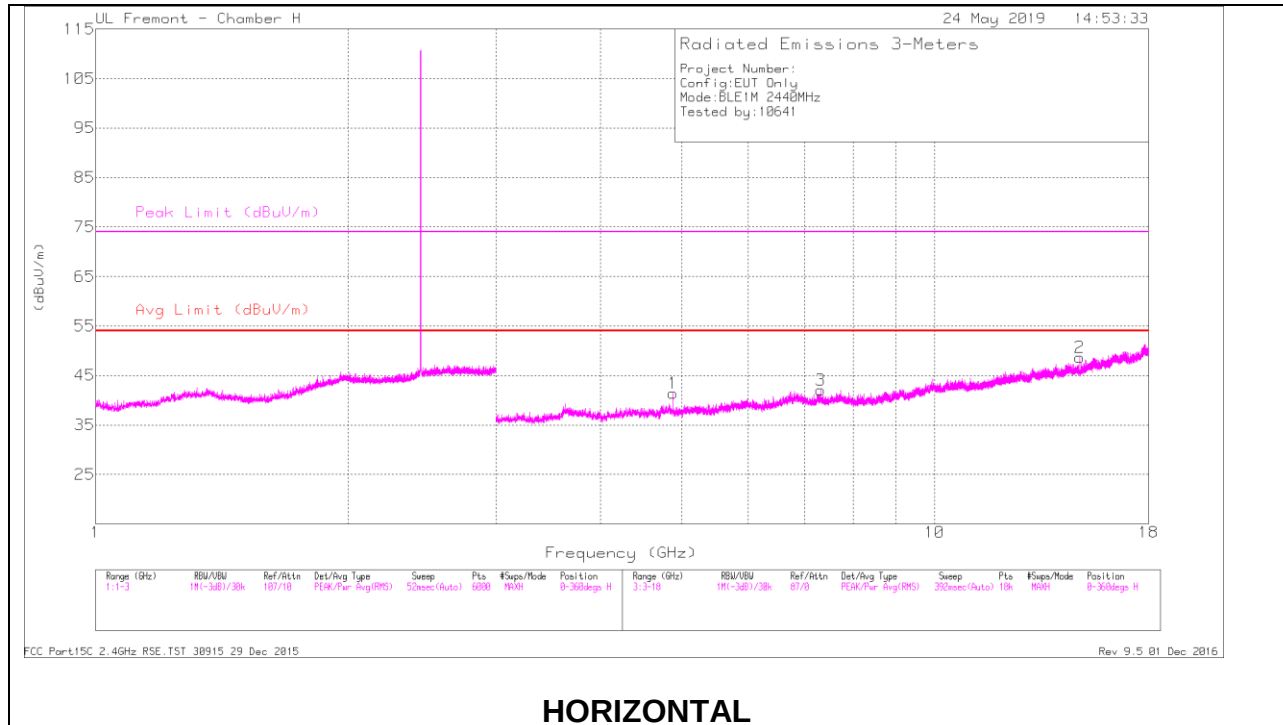
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.877	41.74	PK2	34	-30.4	45.34	-	-	74	-28.66	50	147	H
	* 4.884	29.59	MAv1	33.9	-30.3	33.19	54	-20.81	-	-	50	147	H
3	* 7.316	38.81	PK2	36.3	-26.5	48.61	-	-	74	-25.39	302	217	H
	* 7.31	26.59	MAv1	36.4	-26.4	36.59	54	-17.41	-	-	302	217	H
4	* 7.32	38.6	PK2	36.4	-26.5	48.5	-	-	74	-25.5	113	223	V
	* 7.32	27.93	MAv1	36.3	-26.4	37.83	54	-16.17	-	-	113	223	V
5	* 12.205	35.88	PK2	39.1	-23	51.98	-	-	74	-22.02	264	195	V
	* 12.207	24.67	MAv1	39.1	-23	40.77	54	-13.23	-	-	264	195	V
6	* 15.449	36.28	PK2	40.9	-21.6	55.58	-	-	74	-18.42	292	175	V
	* 15.448	24.5	MAv1	40.9	-21.6	43.8	54	-10.2	-	-	292	175	V
2	14.913	36.29	PK2	39.8	-22.4	53.69	-	-	74	-20.31	257	155	H

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

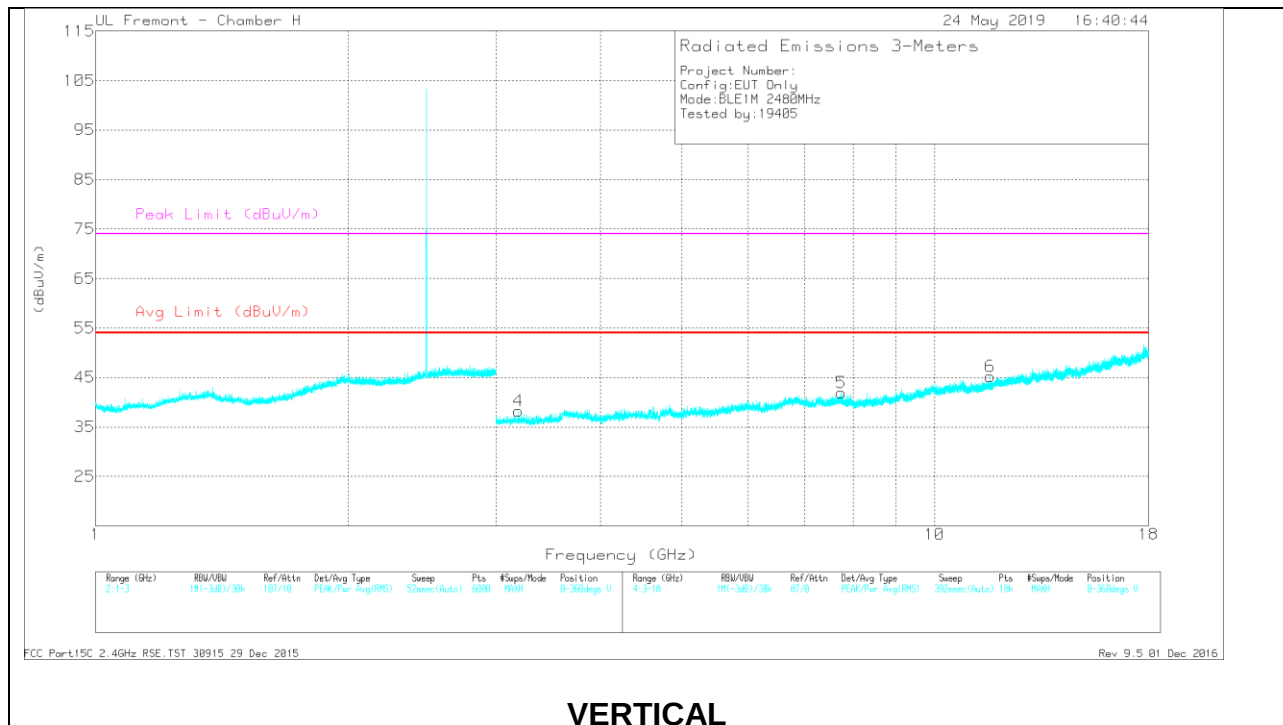
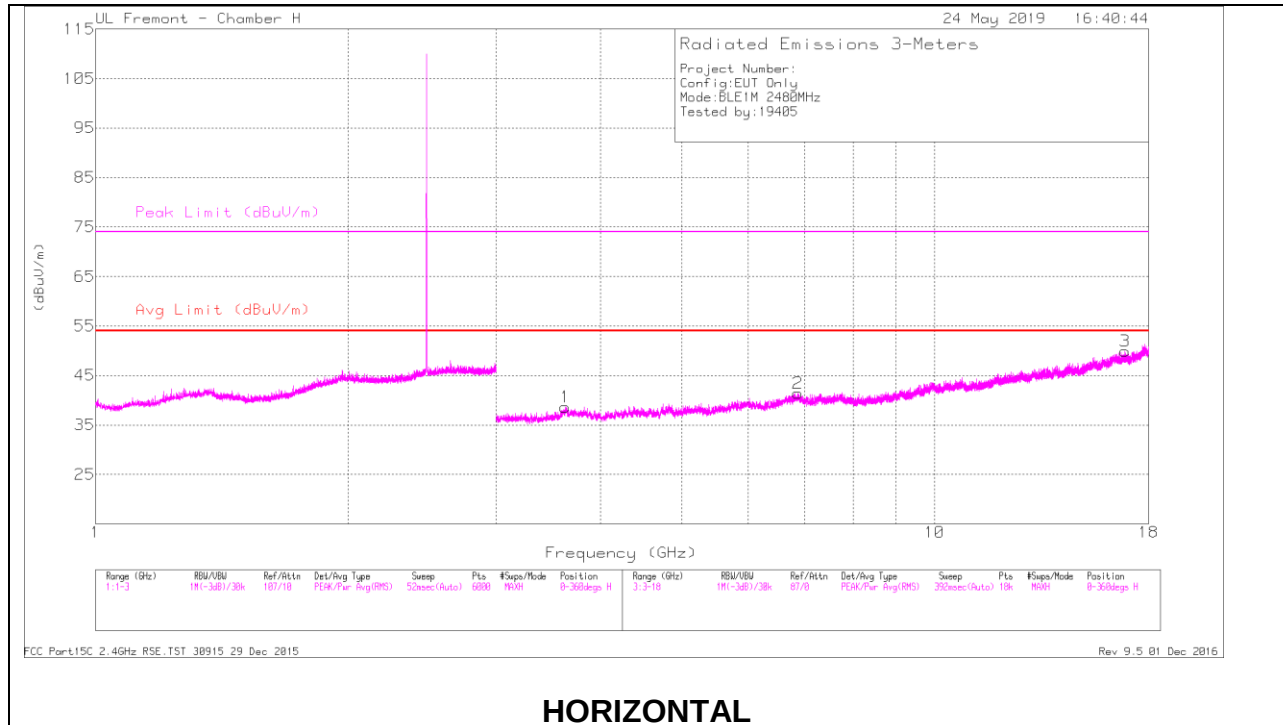
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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Rev 9.5 01 Dec 2016

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/F ltrl/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.628	41.73	PK2	33.1	-29.6	45.23	-	-	74	-28.77	310	115	H
	* 3.628	29.31	MAv1	33.1	-29.6	32.81	54	-21.19	-	-	310	115	H
5	* 7.742	38.02	PK2	36.5	-26.4	48.12	-	-	74	-25.88	314	288	V
	* 7.743	26.29	MAv1	36.5	-26.4	36.39	54	-17.61	-	-	314	288	V
6	* 11.665	35.74	PK2	38.5	-23.2	51.04	-	-	74	-22.96	79	191	V
	* 11.666	24.14	MAv1	38.5	-23.2	39.44	54	-14.56	-	-	79	191	V
4	3.193	31.25	MAv1	32.6	-31.4	32.45	-	-	-	-	119	192	V
	3.194	44.04	PK2	32.6	-31.3	45.34	-	-	-	-	119	192	V
2	6.874	38.23	PK2	36.7	-27.1	47.83	-	-	-	-	292	163	H
	6.874	26.71	MAv1	36.7	-27.1	36.31	-	-	-	-	292	163	H
3	16.874	35.45	PK2	41.5	-20.3	56.65	-	-	-	-	9	372	H
	16.877	23.73	MAv1	41.5	-20.3	44.93	-	-	-	-	9	372	H

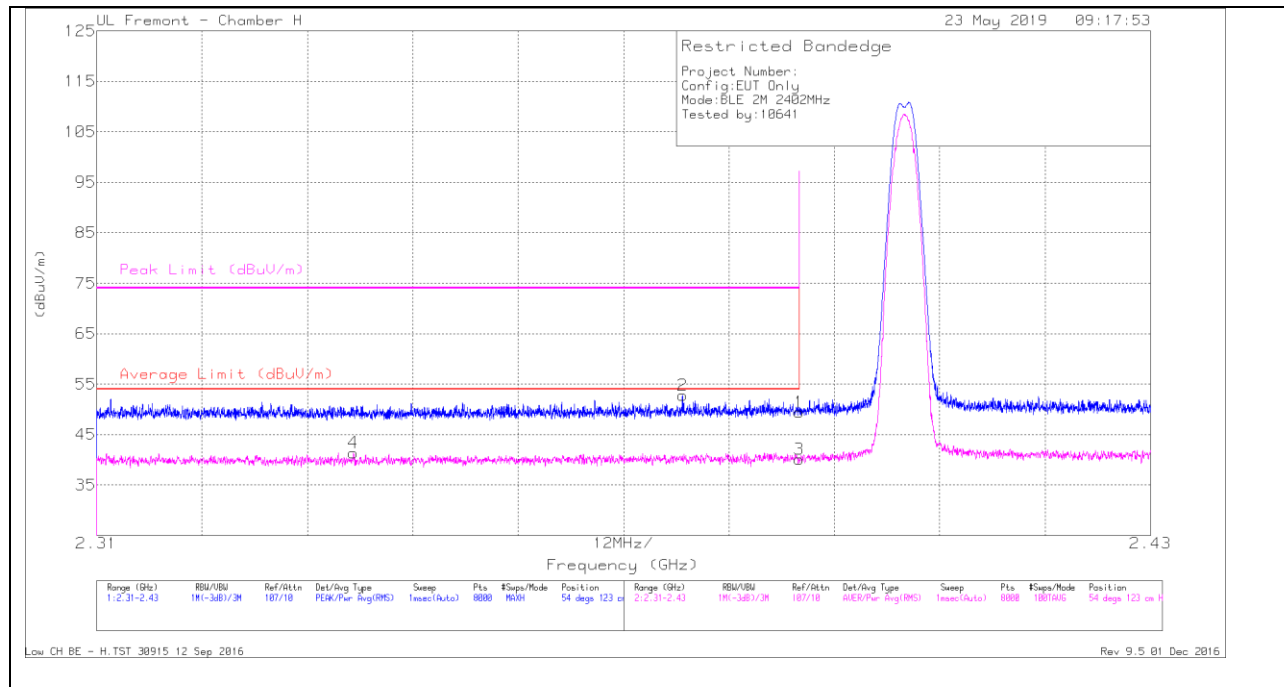
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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Rev 9.5 01 Dec 2016

9.2.10. BEAMFORMING, HIGH POWER BLE (2Mbps)**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/P 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	41.29	PK	31.6	-23.5	49.39	-	-	74	-24.61	54	123	H
2	* 2.377	44.68	PK	31.6	-23.5	52.78	-	-	74	-21.22	54	123	H
3	* 2.39	31.98	RMS	31.6	-23.5	40.08	54	-13.92	-	-	54	123	H
4	* 2.339	33.81	RMS	31.2	-23.6	41.41	54	-12.59	-	-	54	123	H

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

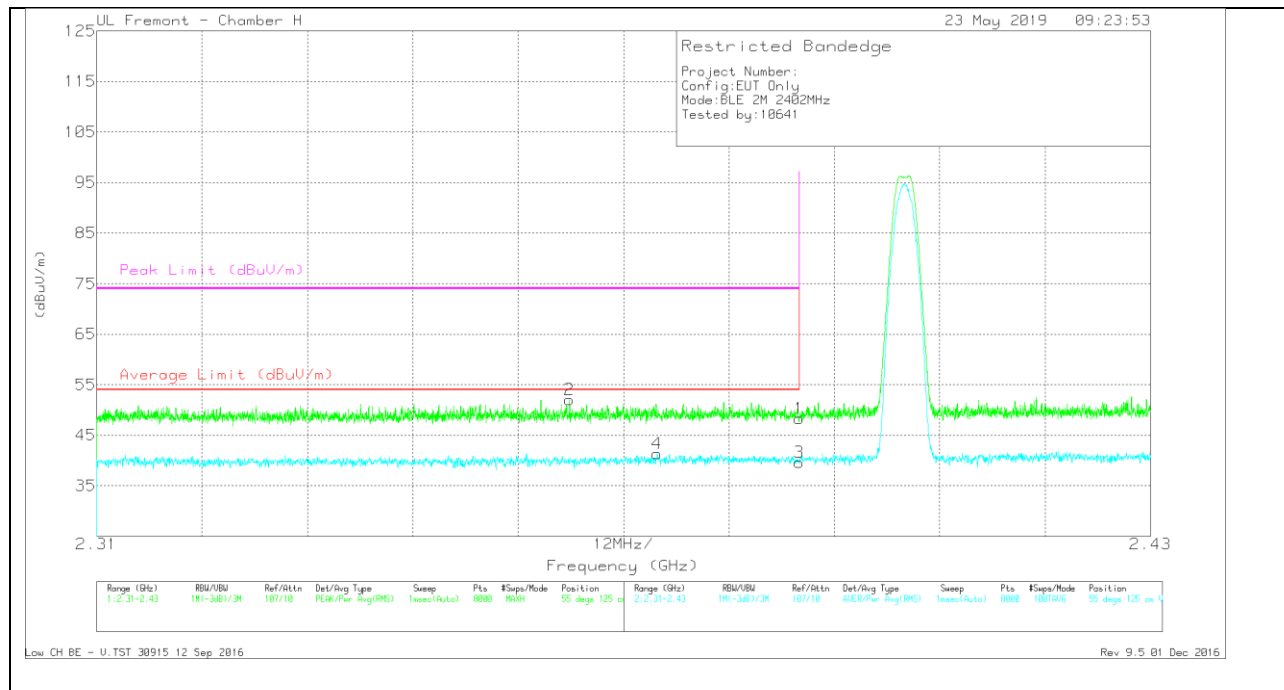
Pk - Peak detector

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/Filtr/P 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	40.18	Pk	31.6	-23.5	48.28	-	-	74	-25.72	55	125	V
2	* 2.364	44.26	Pk	31.4	-23.6	52.06	-	-	74	-21.94	55	125	V
3	* 2.39	31.56	RMS	31.6	-23.5	39.66	54	-14.34	-	-	55	125	V
4	* 2.374	33.23	RMS	31.6	-23.5	41.33	54	-12.67	-	-	55	125	V

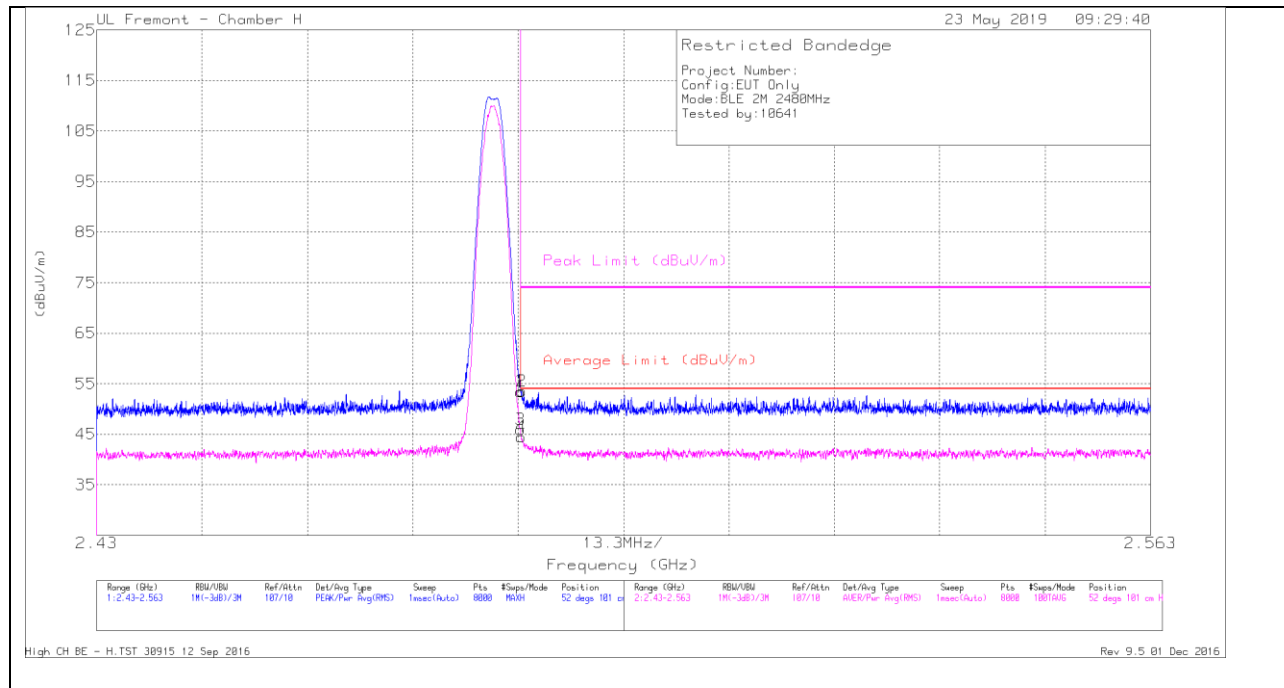
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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 T136 (dB/m)	Ampl/Cbl/Filtr/P 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	* 2.484	44.42	Pk	32.3	-23.3	53.42	-	-	74	-20.58	52	101	H
2	* 2.484	44.57	Pk	32.3	-23.3	53.57	-	-	74	-20.43	52	101	H
3	* 2.484	36.99	RMS	32.3	-23.3	45.99	54	-8.01	-	-	52	101	H
4	* 2.484	35.49	RMS	32.3	-23.3	44.49	54	-9.51	-	-	52	101	H

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

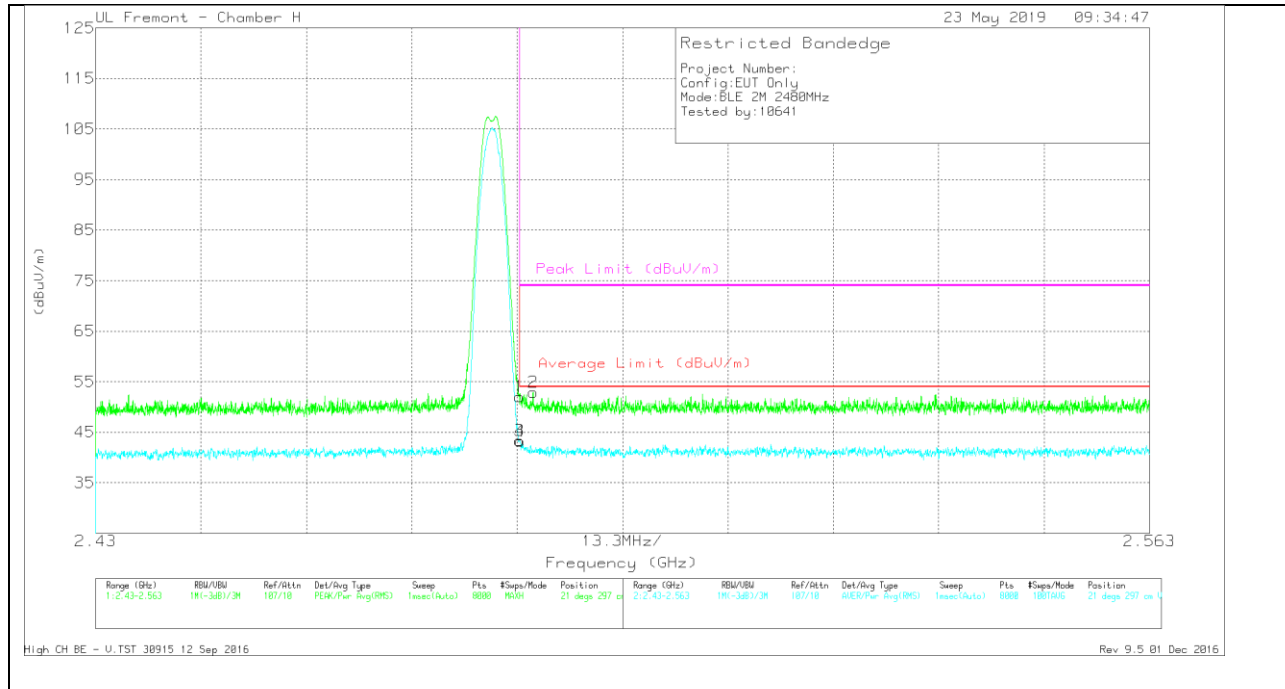
Pk - Peak detector

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 T136 (dB/m)	Amp/Cbl/Filtr/P 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	* 2.484	43.05	Pk	32.3	-23.3	52.05	-	-	74	-21.95	21	297	V
2	* 2.485	43.91	Pk	32.3	-23.3	52.91	-	-	74	-21.09	21	297	V
3	* 2.484	34.38	RMS	32.3	-23.3	43.38	54	-10.62	-	-	21	297	V
4	* 2.484	34.23	RMS	32.3	-23.3	43.23	54	-10.77	-	-	21	297	V

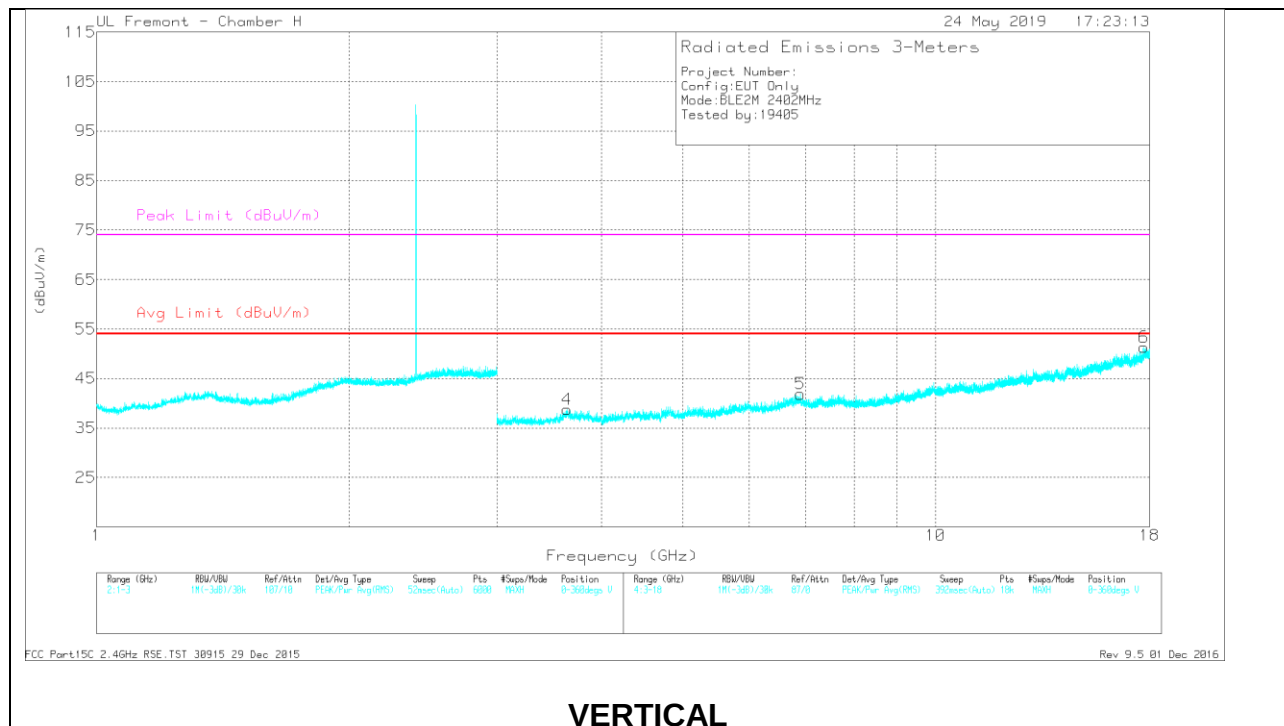
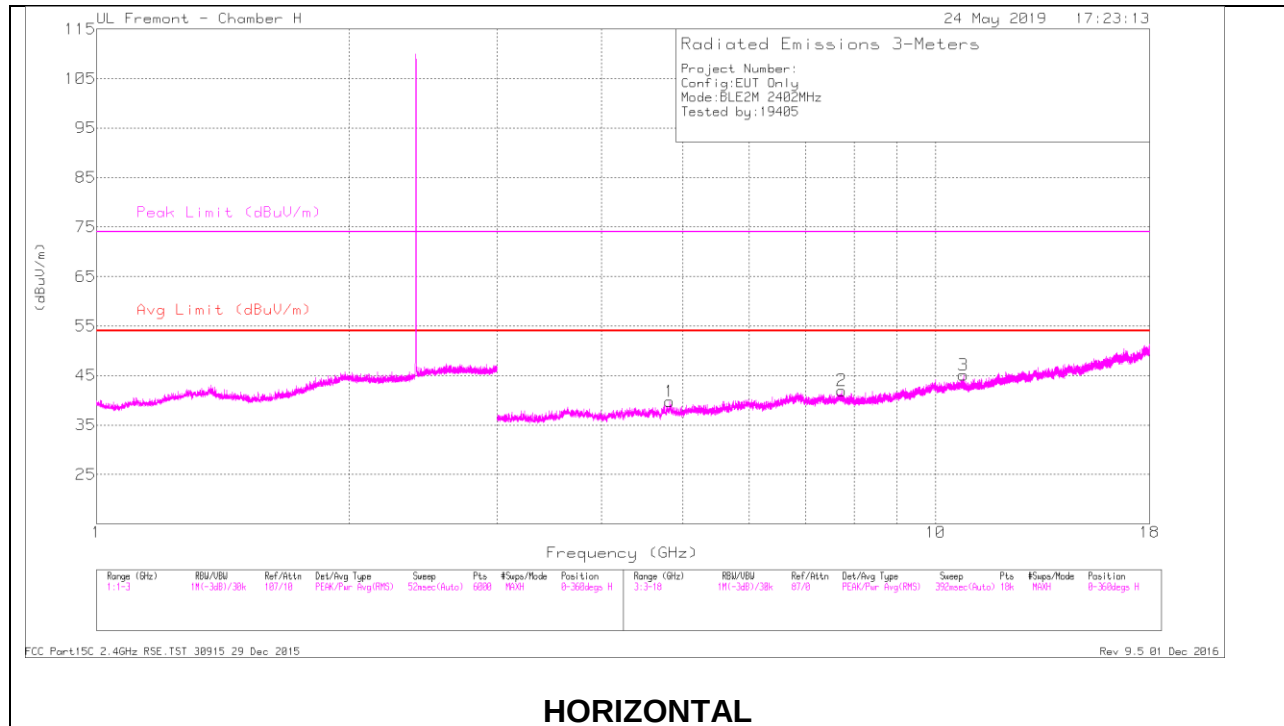
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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 T136 (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	* 4.826	42.42	PK2	34.1	-30.3	46.22	-	-	74	-27.78	131	213	H
	* 4.826	30.31	MAv1	34.1	-30.3	34.11	54	-19.89	-	-	131	213	H
2	* 7.729	38.14	PK2	36.5	-26.4	48.24	-	-	74	-25.76	338	226	H
	* 7.727	26.41	MAv1	36.5	-26.4	36.51	54	-17.49	-	-	338	226	H
3	* 10.799	35.41	PK2	37.8	-22.4	50.81	-	-	74	-23.19	74	373	H
	* 10.798	23.88	MAv1	37.8	-22.3	39.38	54	-14.62	-	-	74	373	H
4	* 3.633	40.96	PK2	33.1	-29.5	44.56	-	-	74	-29.44	19	297	V
	* 3.637	29.31	MAv1	33.1	-29.5	32.91	54	-21.09	-	-	19	297	V
6	* 17.733	34.89	PK2	41.6	-18.7	57.79	-	-	74	-16.21	66	174	V
	* 17.731	23.2	MAv1	41.5	-18.7	46	54	-8	-	-	66	174	V
5	6.905	26.56	MAv1	36.5	-26.8	36.26	-	-	-	-	347	122	V
	6.906	39.33	PK2	36.5	-26.8	49.03	-	-	-	-	347	122	V

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

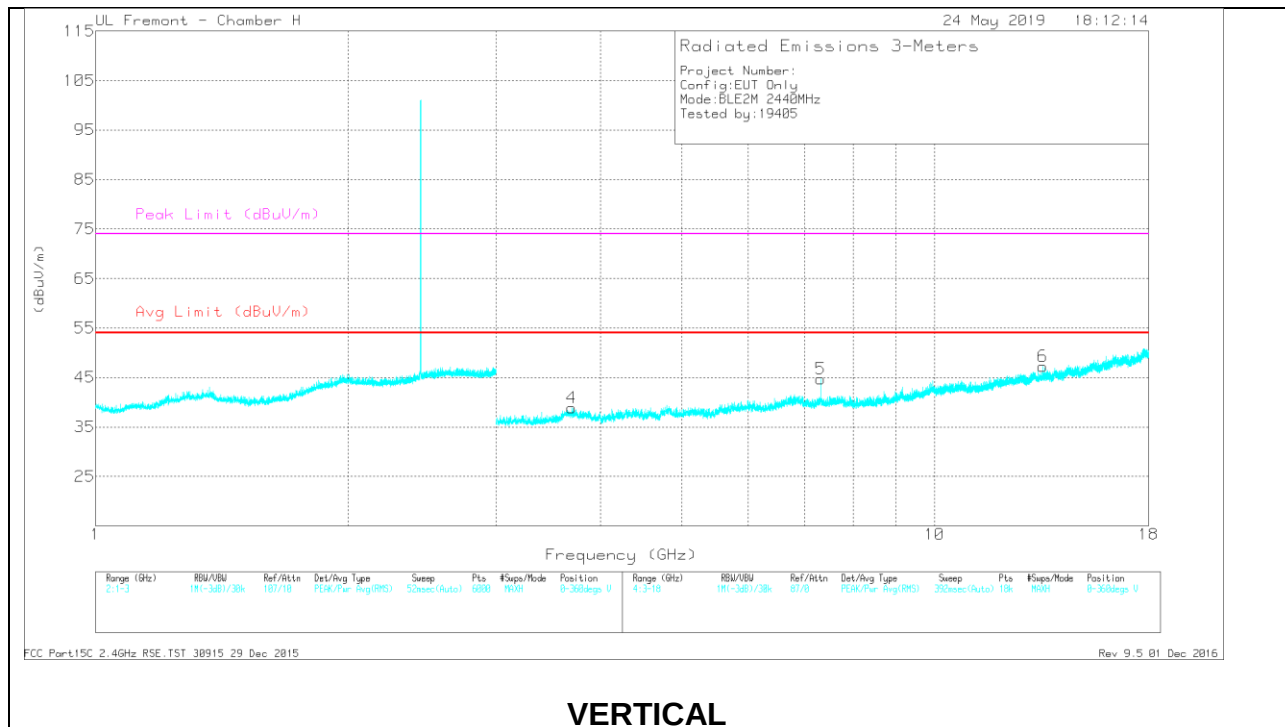
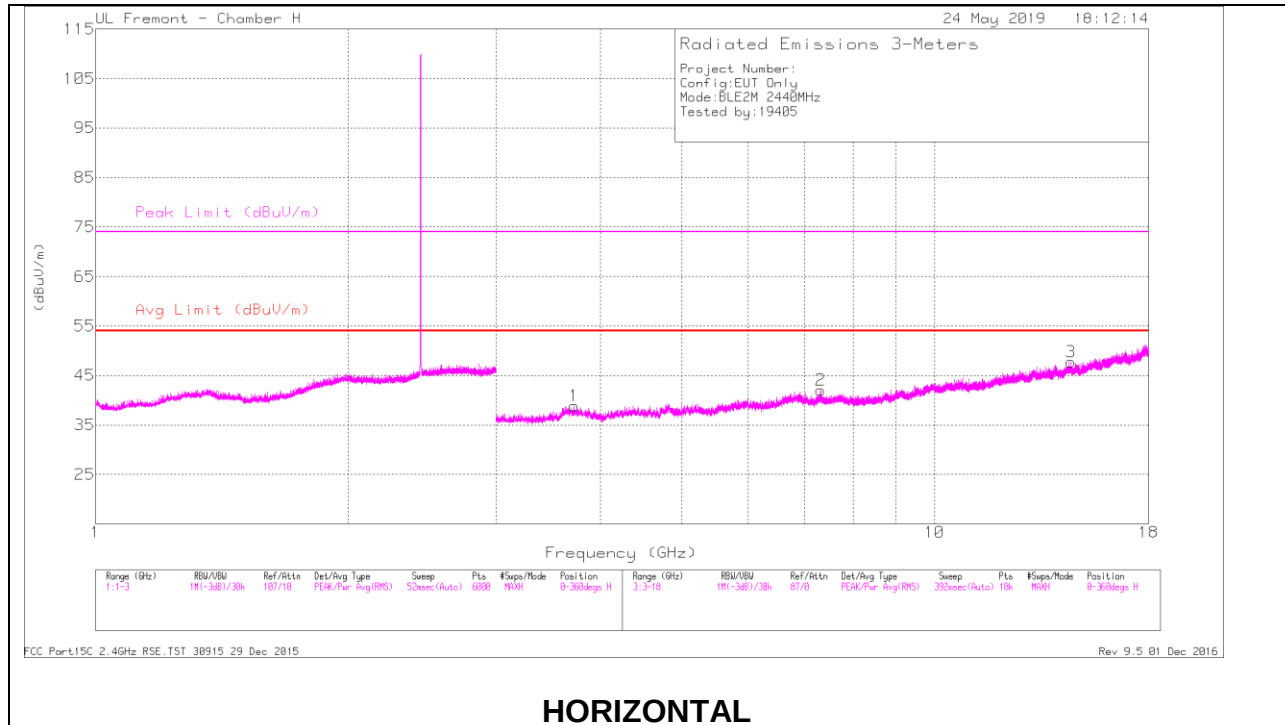
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.719	42.43	PK2	33.2	-30.7	44.93	-	-	74	-29.07	0	264	H
	* 3.721	30.36	MAv1	33.2	-30.8	32.76	54	-21.24	-	-	0	264	H
2	* 7.319	39.56	PK2	36.3	-26.4	49.46	-	-	74	-24.54	53	263	H
	* 7.319	27.99	MAv1	36.3	-26.4	37.89	54	-16.11	-	-	53	263	H
4	* 3.698	42.93	PK2	33.1	-30.3	45.73	-	-	74	-28.27	284	211	V
	* 3.697	30.08	MAv1	33.1	-30.3	32.88	54	-21.12	-	-	284	211	V
5	* 7.319	40.59	PK2	36.3	-26.4	50.49	-	-	74	-23.51	158	100	V
	* 7.319	30.05	MAv1	36.3	-26.4	39.95	54	-14.05	-	-	158	100	V
6	13.466	35.14	PK2	39.3	-21.7	52.74	-	-	-	-	315	207	V
	13.467	23.7	MAv1	39.3	-21.7	41.3	-	-	-	-	315	207	V
3	14.554	35.74	PK2	39.9	-21.9	53.74	-	-	-	-	214	381	H
	14.554	24.35	MAv1	39.9	-21.9	42.35	-	-	-	-	214	381	H

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

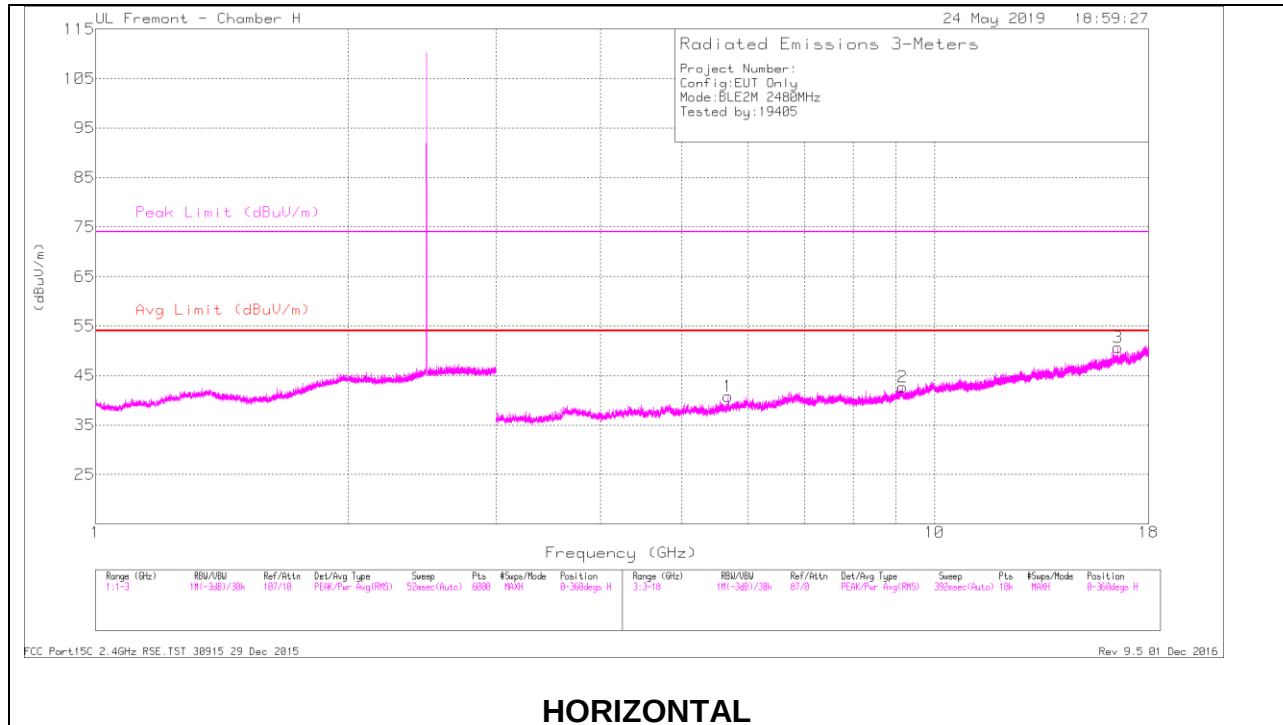
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

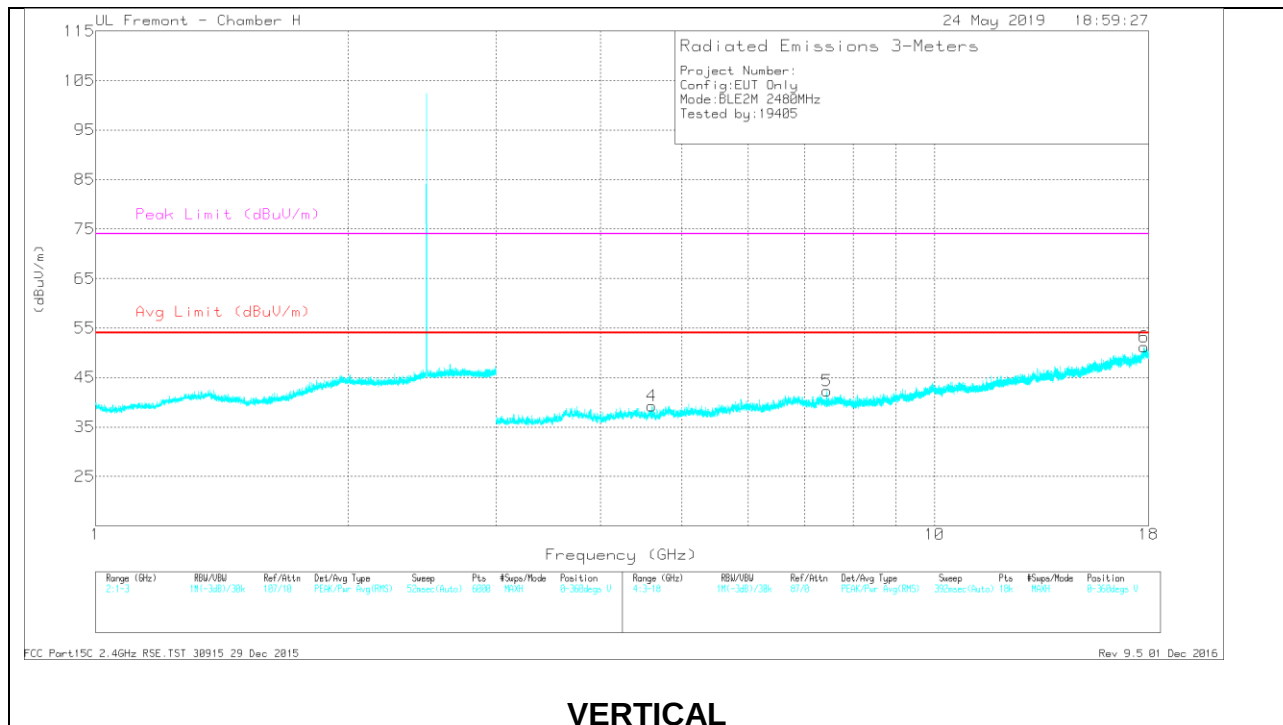
FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequenc y (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
2	* 9.165	36.67	PK2	36.3	-24	48.97	-	-	74	-25.03	128	141	H
	* 9.166	24.96	MAV1	36.3	-23.9	37.36	54	-16.64	-	-	128	141	H
4	* 4.605	41.09	PK2	34.1	-30	45.19	-	-	74	-28.81	356	345	V
	* 4.606	29.34	MAV1	34.1	-30	33.44	54	-20.56	-	-	356	345	V
5	* 7.44	38.65	PK2	36.5	-27.3	47.85	-	-	74	-26.15	343	133	V
	* 7.441	27.09	MAV1	36.5	-27.3	36.29	54	-17.71	-	-	343	133	V
6	* 17.797	34.94	PK2	41.8	-19	57.74	-	-	74	-16.26	343	375	V
	* 17.799	23.58	MAV1	41.9	-19	46.48	54	-7.52	-	-	343	375	V
1	5.68	40.41	PK2	34.9	-28.9	46.41	-	-	-	-	258	228	H
	5.682	28.56	MAV1	34.9	-28.9	34.56	-	-	-	-	258	228	H
3	16.532	36.45	PK2	41.6	-21.6	56.45	-	-	-	-	81	233	H
	16.532	24.4	MAV1	41.6	-21.6	44.4	-	-	-	-	81	233	H

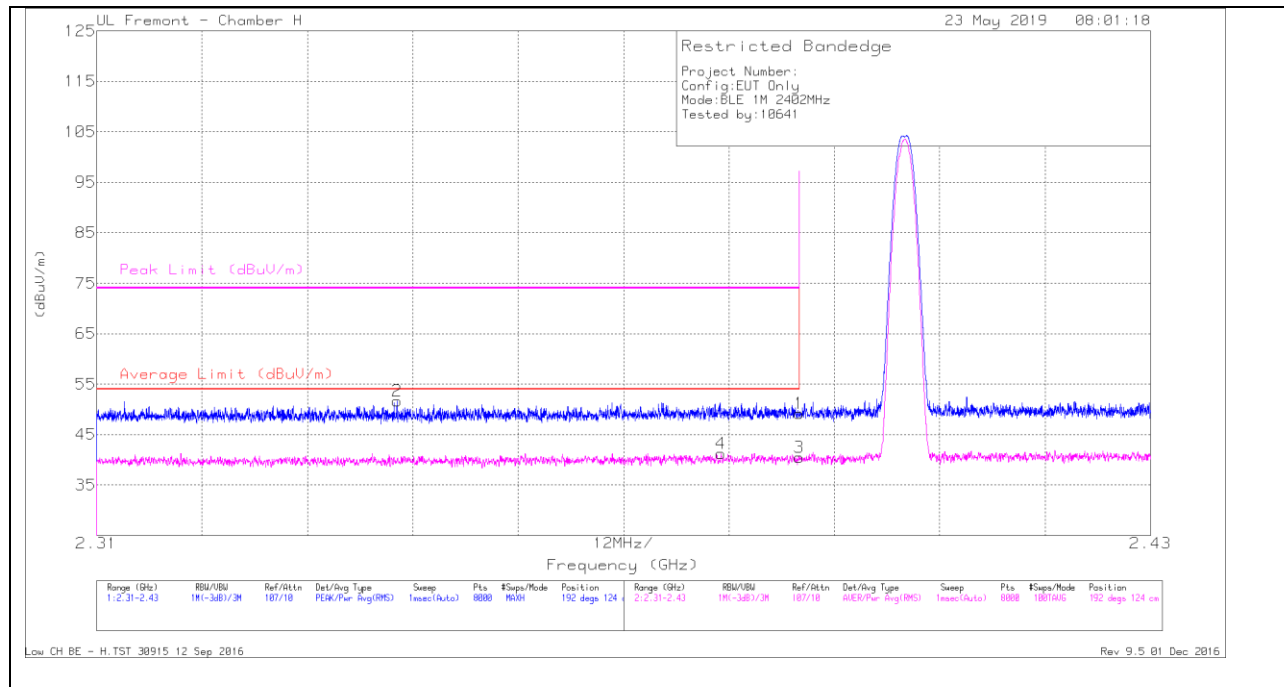
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

9.2.11. BEAMFORMING, LOW POWER BLE (1Mbps)**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/CbI/Filt/P 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	41.09	PK	31.6	-23.5	49.19	-	-	74	-24.81	192	124	H
2	* 2.344	43.96	PK	31.3	-23.6	51.66	-	-	74	-22.34	192	124	H
3	* 2.39	32.37	RMS	31.6	-23.5	40.47	54	-13.53	-	-	192	124	H
4	* 2.381	33.18	RMS	31.6	-23.5	41.28	54	-12.72	-	-	192	124	H

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

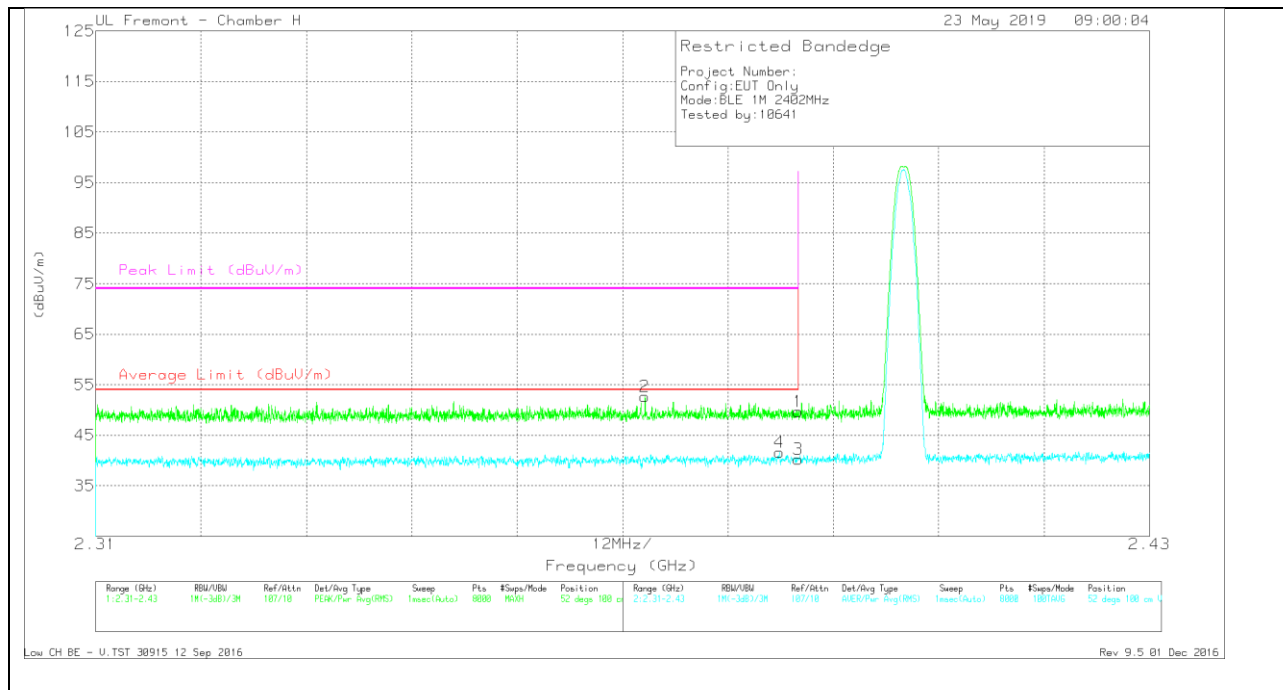
Pk - Peak detector

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/Filtr/P 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	41.55	Pk	31.6	-23.5	49.65	-	-	74	-24.35	52	100	V
2	* 2.373	44.69	Pk	31.5	-23.5	52.69	-	-	74	-21.31	52	100	V
3	* 2.39	32.15	RMS	31.6	-23.5	40.25	54	-13.75	-	-	52	100	V
4	* 2.388	33.46	RMS	31.6	-23.5	41.56	54	-12.44	-	-	52	100	V

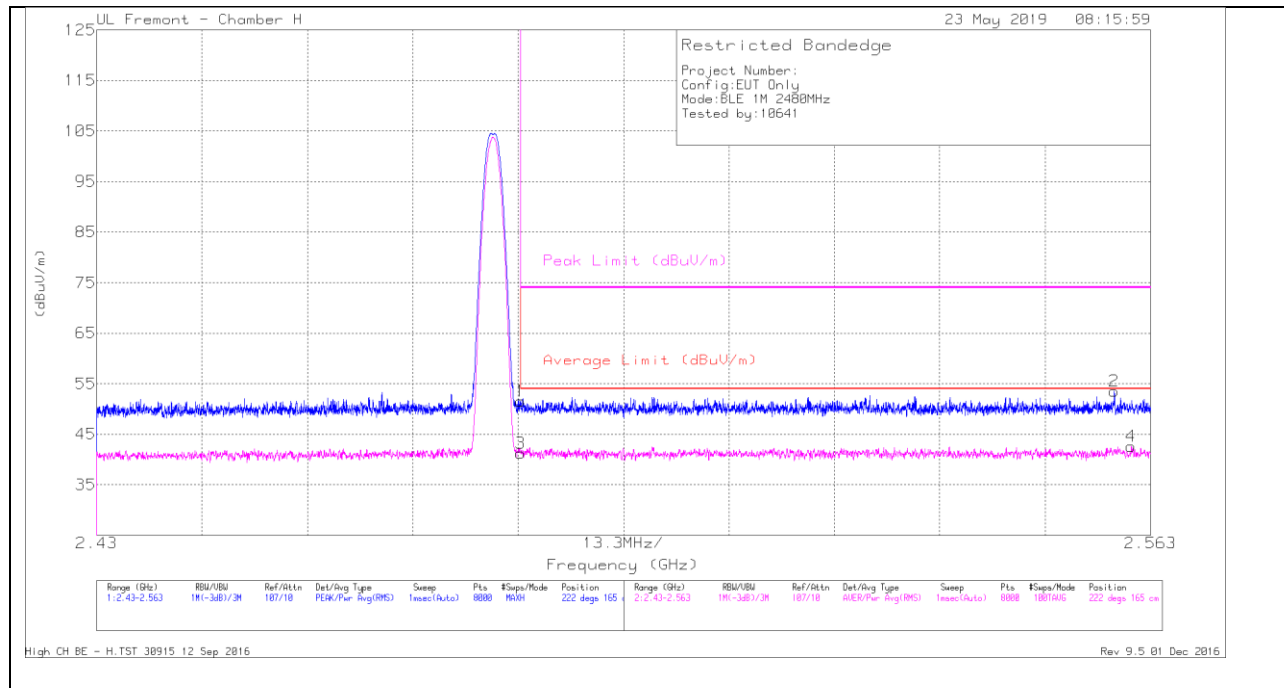
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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 T136 (dB/m)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.52	Pk	32.3	-23.3	51.52	-	-	74	-22.48	222	165	H
3	* 2.484	32.2	RMS	32.3	-23.3	41.2	54	-12.8	-	-	222	165	H
2	2.558	44.21	Pk	32.4	-23.1	53.51	-	-	74	-20.49	222	165	H
4	2.561	33.27	RMS	32.4	-23.1	42.57	54	-11.43	-	-	222	165	H

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

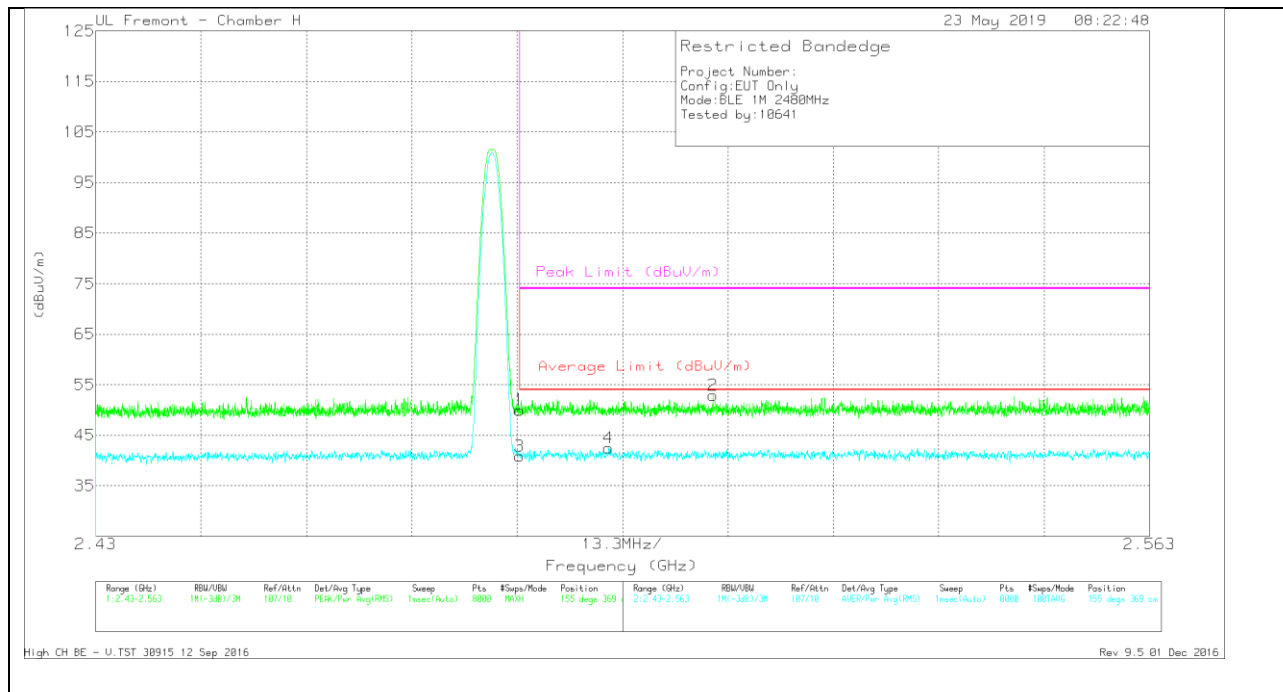
Pk - Peak detector

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 T136 (dB/m)	Amp/Cbl/Filtr/P 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	* 2.484	40.98	Pk	32.3	-23.3	49.98	-	-	74	-24.02	155	369	V
3	* 2.484	31.84	RMS	32.3	-23.3	40.84	54	-13.16	-	-	155	369	V
4	* 2.495	33.4	RMS	32.3	-23.2	42.5	54	-11.5	-	-	155	369	V
2	2.508	43.66	Pk	32.4	-23.2	52.86	-	-	74	-21.14	155	369	V

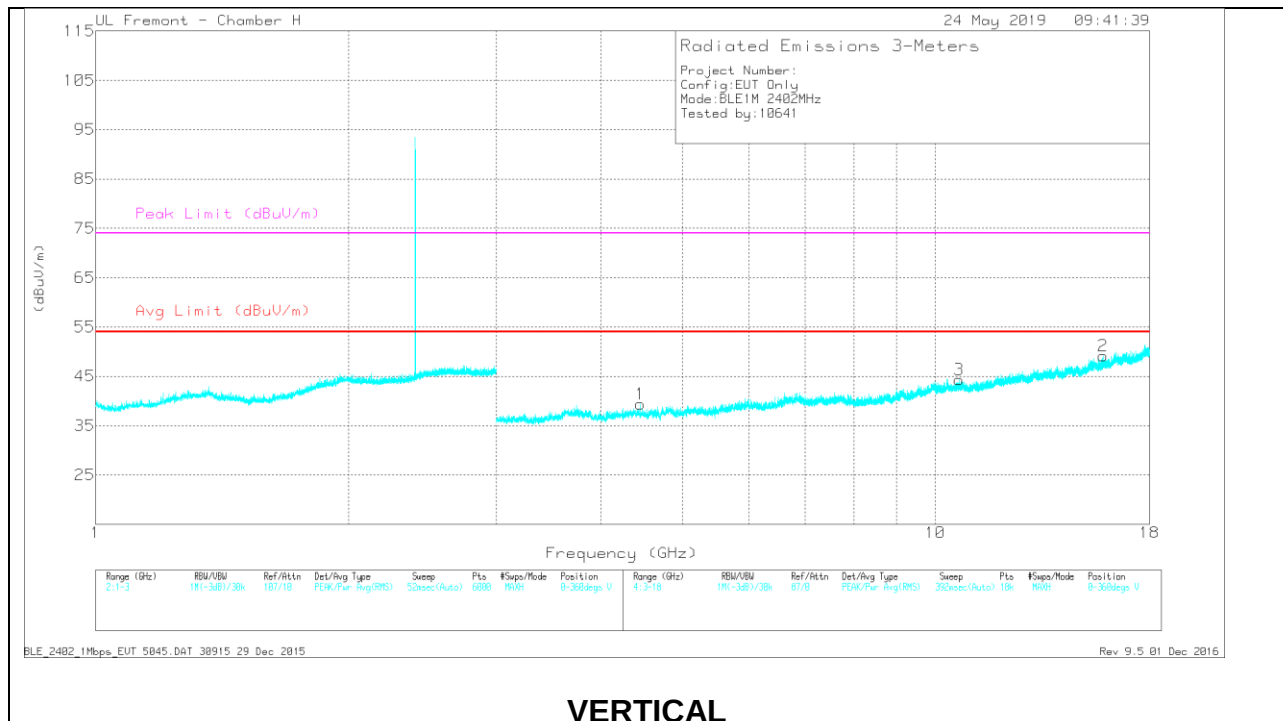
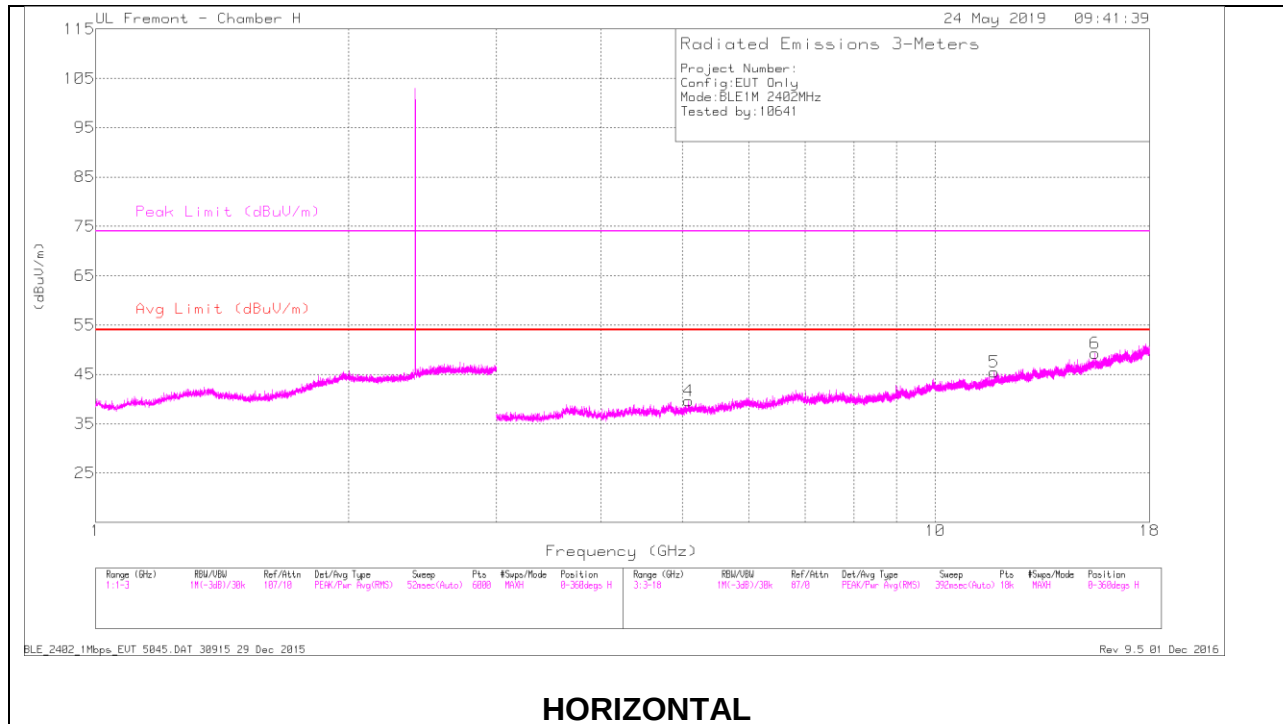
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 5.087	41.45	PK2	34.3	-29.5	46.25	-	-	74	-27.75	263	117	H
	* 5.087	30.24	MAv1	34.3	-29.5	35.04	54	-18.96	-	-	263	117	H
5	* 11.757	36.05	PK2	38.6	-23.3	51.35	-	-	74	-22.65	214	145	H
	* 11.756	24.8	MAv1	38.6	-23.3	40.1	54	-13.9	-	-	214	145	H
6	* 15.491	36.05	PK2	40.9	-21.6	55.35	-	-	74	-18.65	171	171	H
	* 15.49	24.59	MAv1	40.9	-21.7	43.79	54	-10.21	-	-	171	171	H
2	* 15.863	35.96	PK2	40.6	-20.8	55.76	-	-	74	-18.24	131	194	V
	* 15.86	24.57	MAv1	40.7	-20.8	44.47	54	-9.53	-	-	131	194	V
3	* 10.687	35.63	PK2	37.7	-22.6	50.73	-	-	74	-23.27	94	225	V
	* 10.684	24.77	MAv1	37.8	-22.6	39.97	54	-14.03	-	-	94	225	V
1	4.454	41.43	PK2	33.8	-30.5	44.73	-	-	74	-29.27	117	240	V

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

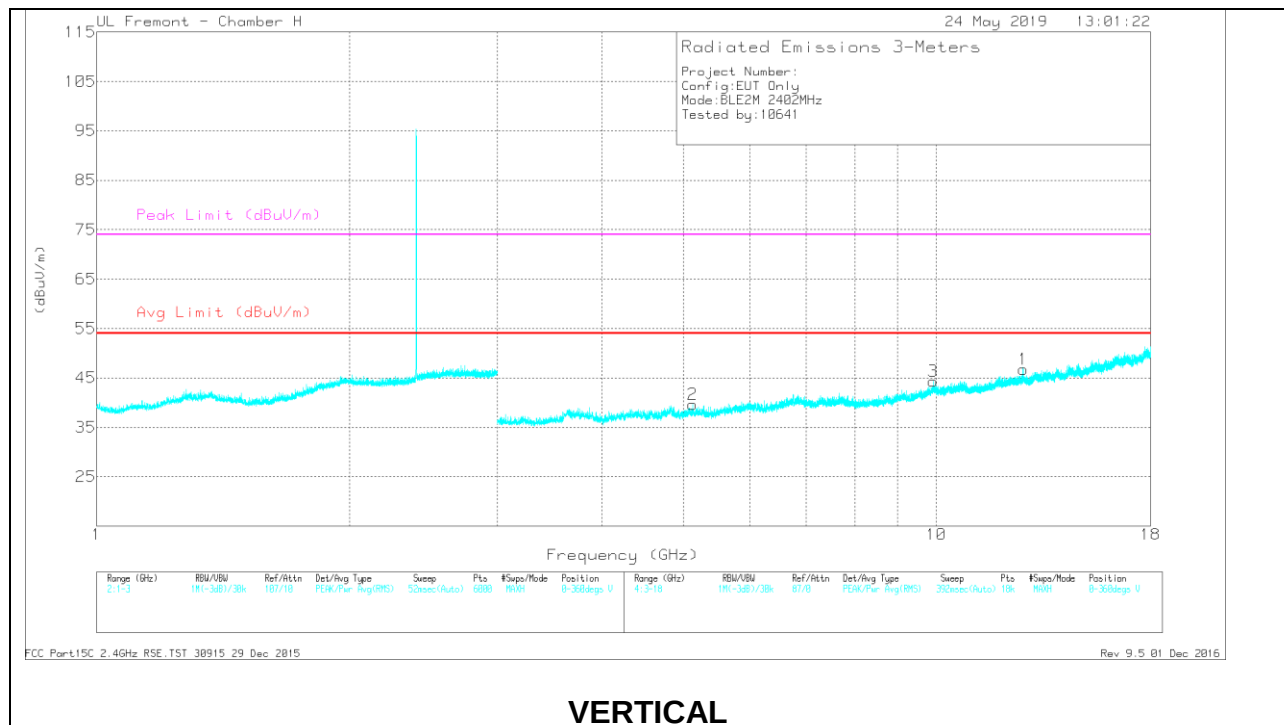
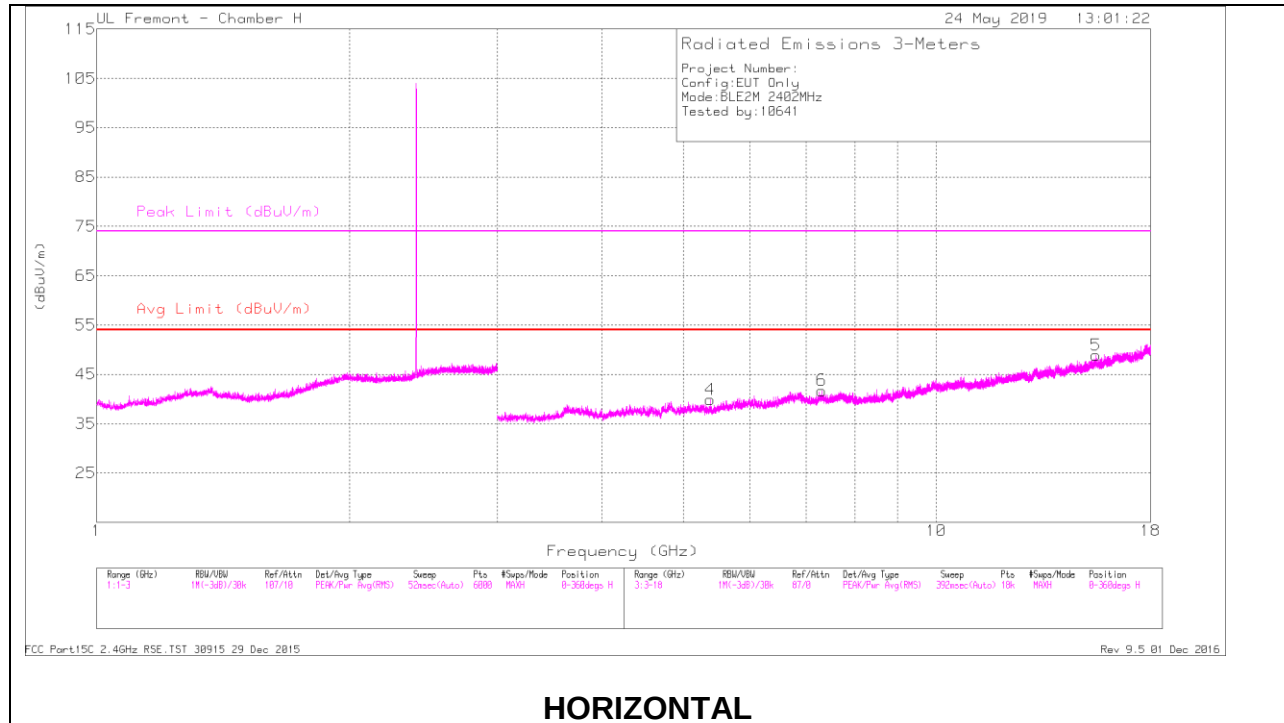
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

BLE_2402_1Mbps_EVT 5045.DAT 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 5.38	40.07	PK2	34.6	-29	45.67	-	-	74	-28.33	141	212	H
	* 5.38	29.01	MAv1	34.6	-29	34.61	54	-19.39	-	-	141	212	H
5	* 15.501	36.24	PK2	40.9	-21.7	55.44	-	-	74	-18.56	174	229	H
	* 15.503	25.03	MAv1	40.9	-21.7	44.23	54	-9.77	-	-	174	229	H
6	* 7.307	38.57	PK2	36.4	-26.4	48.57	-	-	74	-25.43	191	208	H
	* 7.307	27.41	MAv1	36.4	-26.5	37.31	54	-16.69	-	-	191	208	H
1	* 12.696	36.3	PK2	38.6	-22.8	52.1	-	-	74	-21.9	154	170	V
	* 12.697	24.21	MAv1	38.5	-23.4	39.31	54	-14.69	-	-	154	170	V
2	* 5.127	41.46	PK2	34.3	-29.6	46.16	-	-	74	-27.84	125	188	V
	* 5.129	30.1	MAv1	34.4	-29.7	34.8	54	-19.2	-	-	125	188	V
3	9.915	35.83	PK2	37.2	-22.6	50.43	-	-	74	-23.57	228	228	V

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

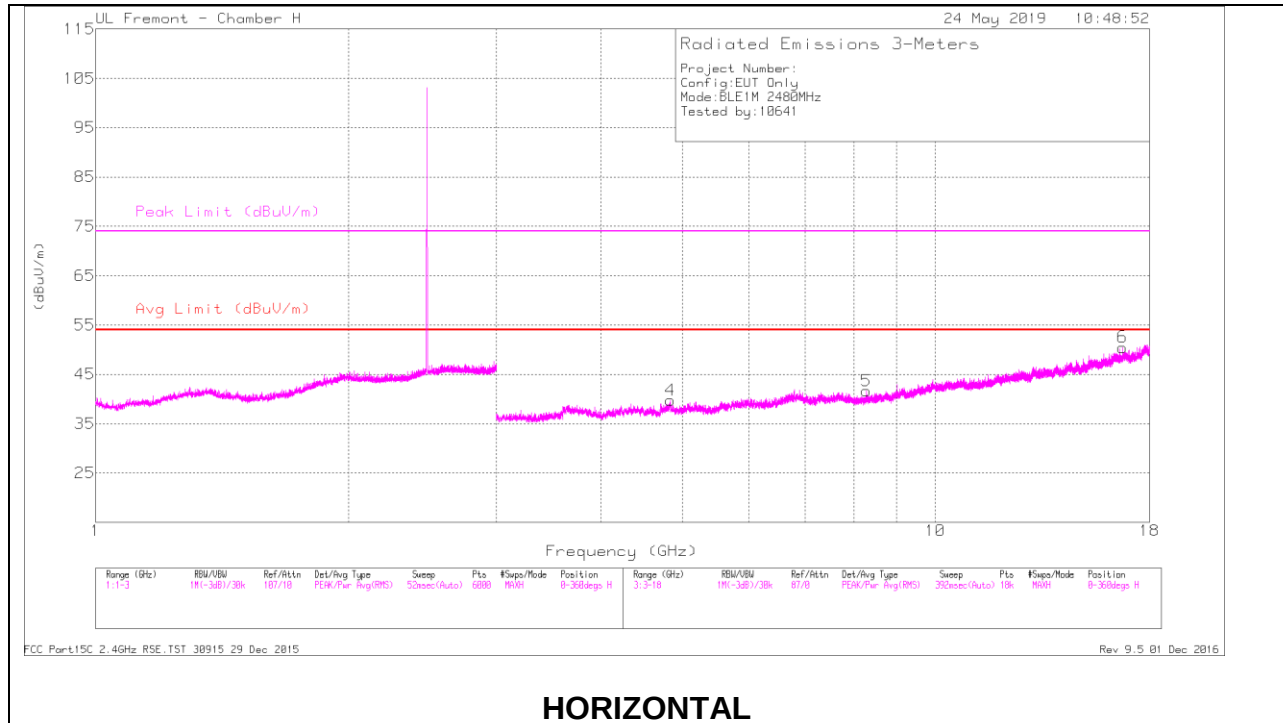
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

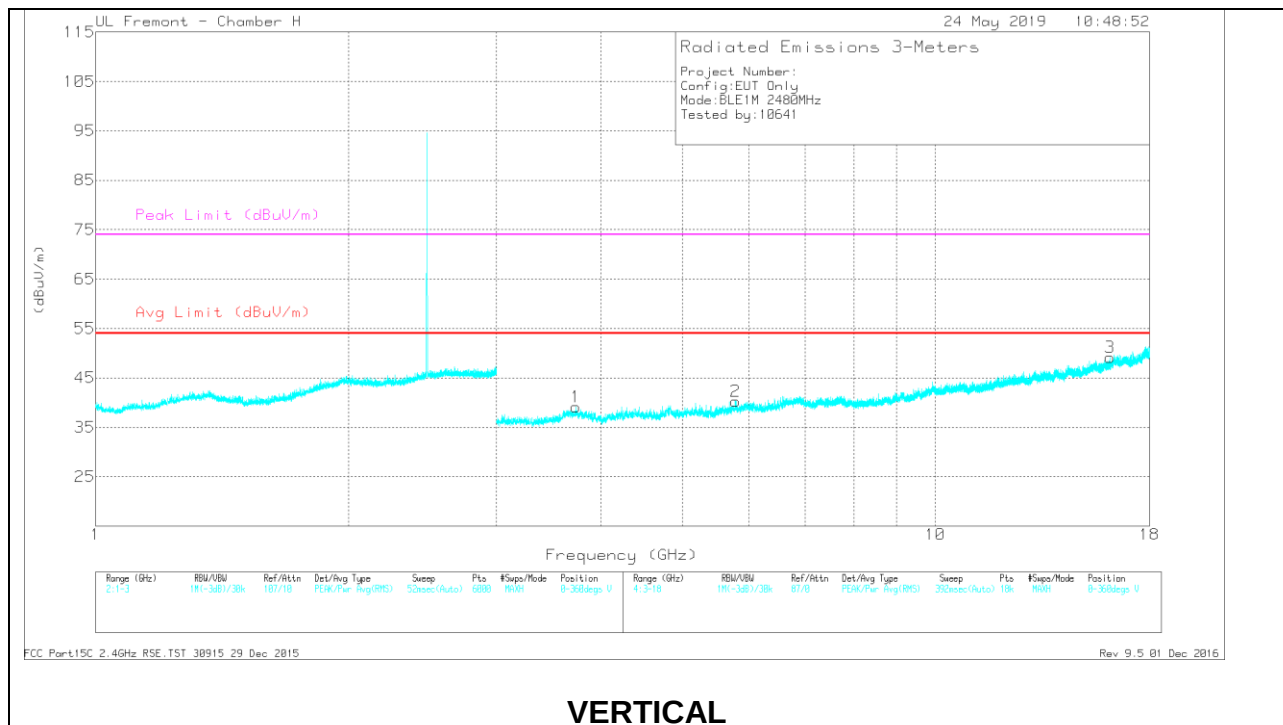
FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 4.835	41.56	PK2	34	-30.3	45.26	-	-	74	-28.74	334	109	H
	* 4.834	30.69	MAv1	34	-30.4	34.29	54	-19.71	-	-	334	109	H
5	* 8.284	37.56	PK2	35.8	-25.8	47.56	-	-	74	-26.44	280	132	H
	* 8.286	26.39	MAv1	35.8	-25.8	36.39	54	-17.61	-	-	280	132	H
1	* 3.732	42.11	PK2	33.2	-30.8	44.51	-	-	74	-29.49	235	148	V
	* 3.73	30.99	MAv1	33.2	-30.8	33.39	54	-20.61	-	-	235	148	V
3	* 16.157	36.06	PK2	41.2	-21.9	55.36	-	-	74	-18.64	195	173	V
	* 16.157	24.81	MAv1	41.2	-21.9	44.11	54	-9.89	-	-	195	173	V
2	5.785	40.49	PK2	35.3	-29	46.79	-	-	74	-27.21	193	200	V
6	16.724	35.77	PK2	41.6	-21.1	56.27	-	-	74	-17.73	233	183	H

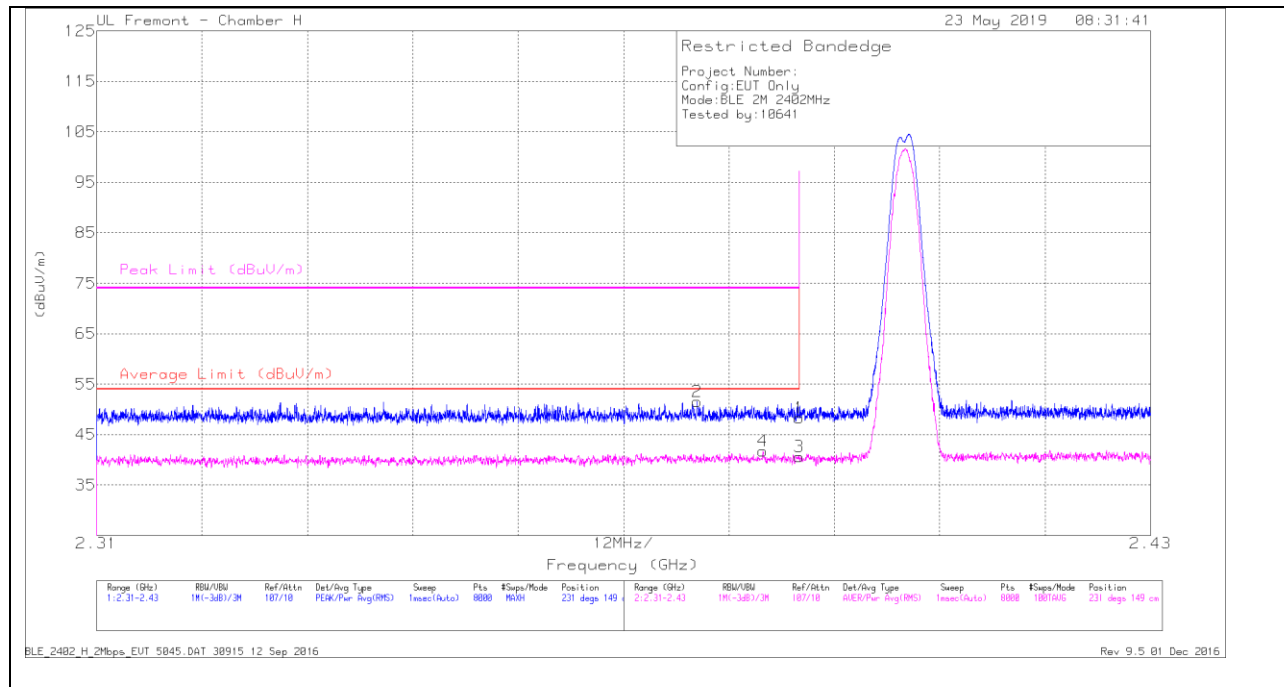
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

9.2.12. BEAMFORMING, LOW POWER BLE (2Mbps)**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/P 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	40.24	PK	31.6	-23.5	48.34	-	-	74	-25.66	231	149	H
2	* 2.378	43.47	PK	31.6	-23.5	51.57	-	-	74	-22.43	231	149	H
3	* 2.39	32.5	RMS	31.6	-23.5	40.6	54	-13.4	-	-	231	149	H
4	* 2.386	33.65	RMS	31.6	-23.5	41.75	54	-12.25	-	-	231	149	H

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

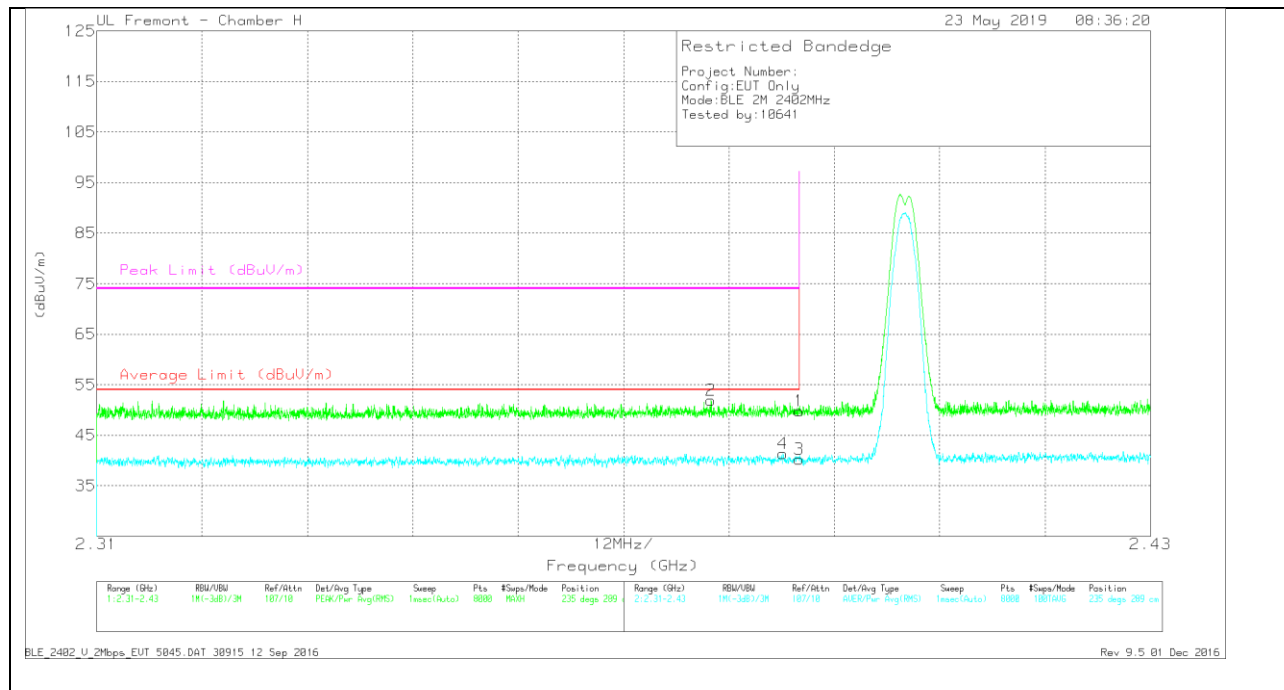
Pk - Peak detector

RMS - RMS detection

BLE_2402_H_2Mbps_EVT 5045.DAT 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/Filr/P 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	41.71	Pk	31.6	-23.5	49.81	-	-	74	-24.19	235	289	V
2	* 2.38	43.78	Pk	31.6	-23.5	51.88	-	-	74	-22.12	235	289	V
3	* 2.39	32.1	RMS	31.6	-23.5	40.2	54	-13.8	-	-	235	289	V
4	* 2.388	33.29	RMS	31.6	-23.5	41.39	54	-12.61	-	-	235	289	V

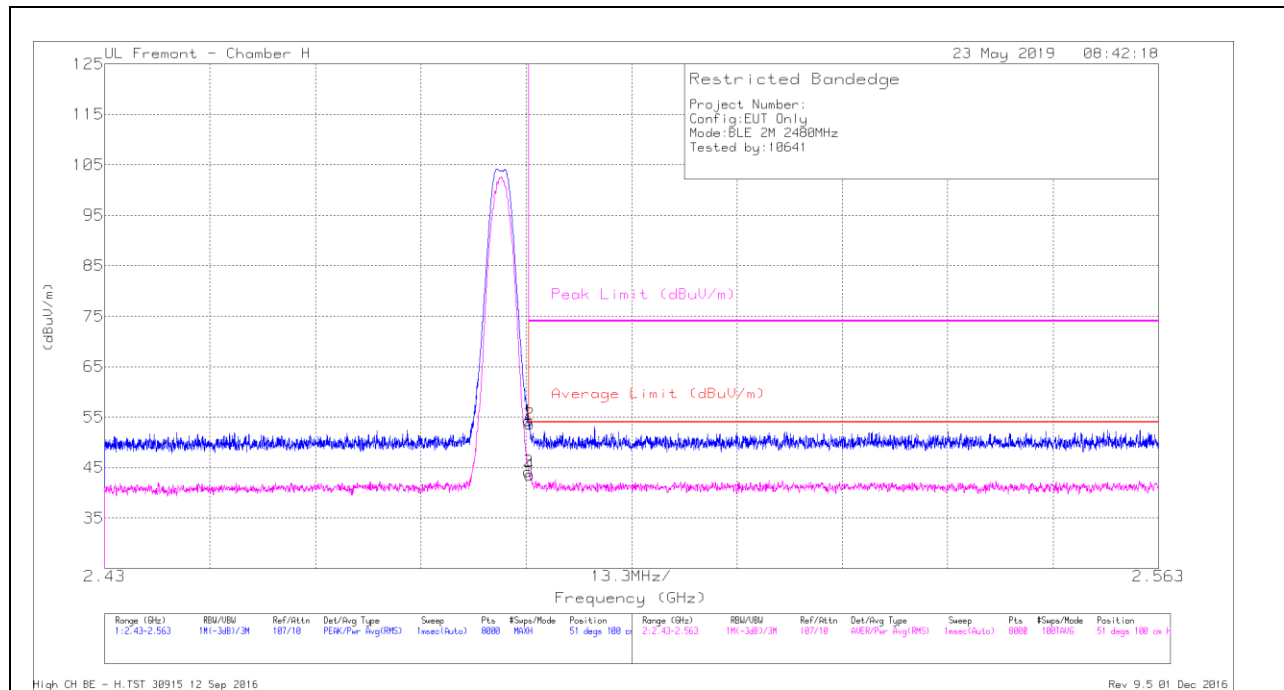
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BLE_2402_V_2Mbps_EVT 5045.DAT 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fit/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	45.24	Pk	32.3	-23.3	54.24	-	-	74	-19.76	51	100	H
2	* 2.484	44.7	Pk	32.3	-23.3	53.7	-	-	74	-20.3	51	100	H
3	* 2.484	35.24	RMS	32.3	-23.3	44.24	54	-9.76	-	-	51	100	H
4	* 2.484	34.53	RMS	32.3	-23.3	43.53	54	-10.47	-	-	51	100	H

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

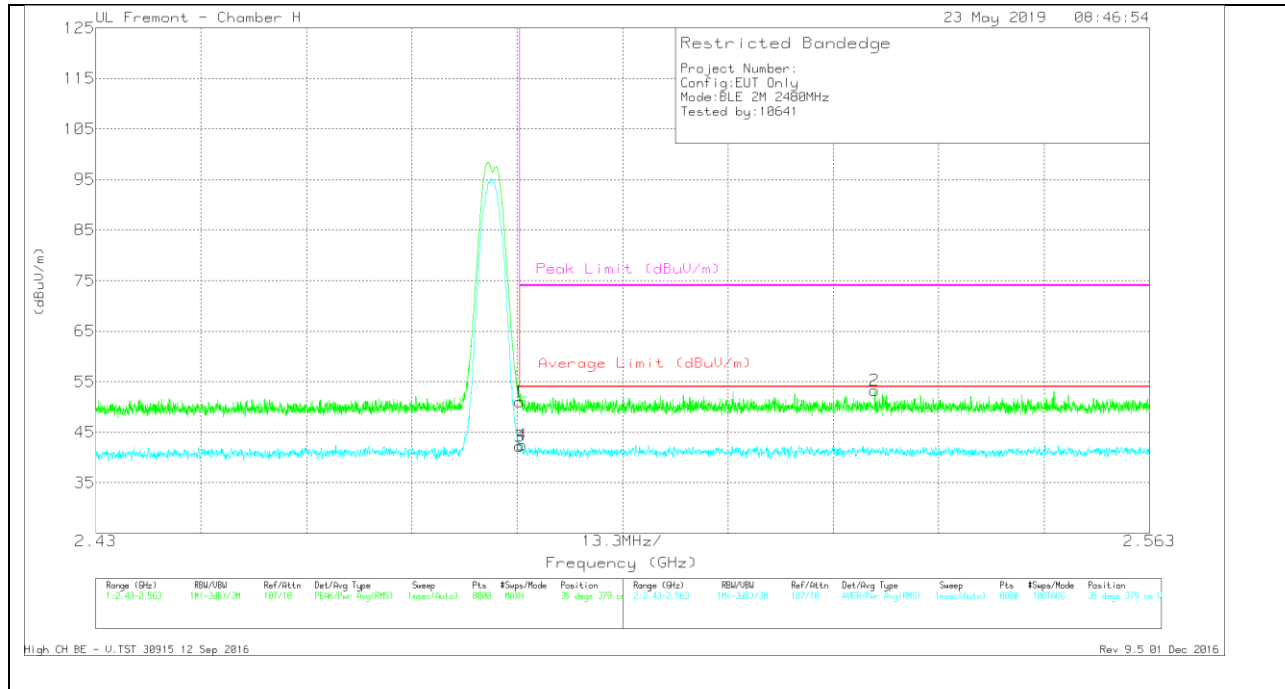
Pk - Peak detector

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 T136 (dB/m)	Amp/Cbl/Filtr/P 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	* 2.484	41.99	Pk	32.3	-23.3	50.99	-	-	74	-23.01	35	379	V
3	* 2.484	33.22	RMS	32.3	-23.3	42.22	54	-11.78	-	-	35	379	V
4	* 2.484	33.49	RMS	32.3	-23.3	42.49	54	-11.51	-	-	35	379	V
2	2.528	44.1	Pk	32.3	-23.1	53.3	-	-	74	-20.7	35	379	V

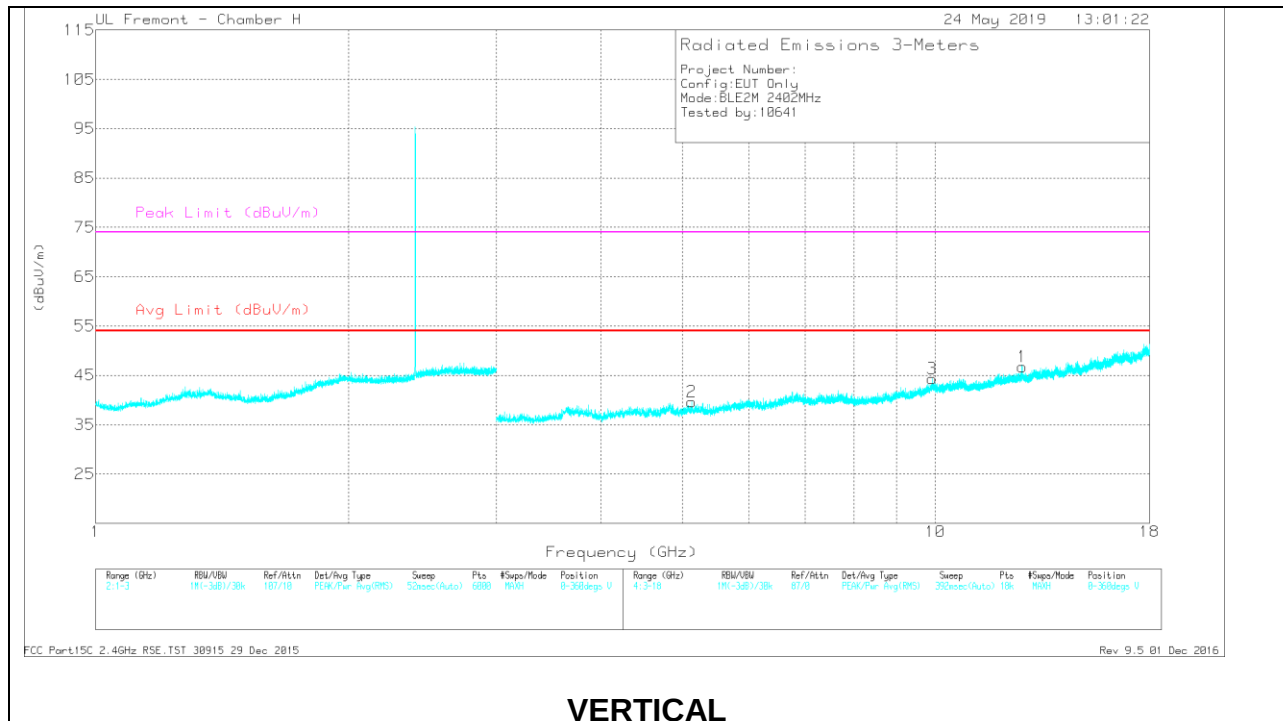
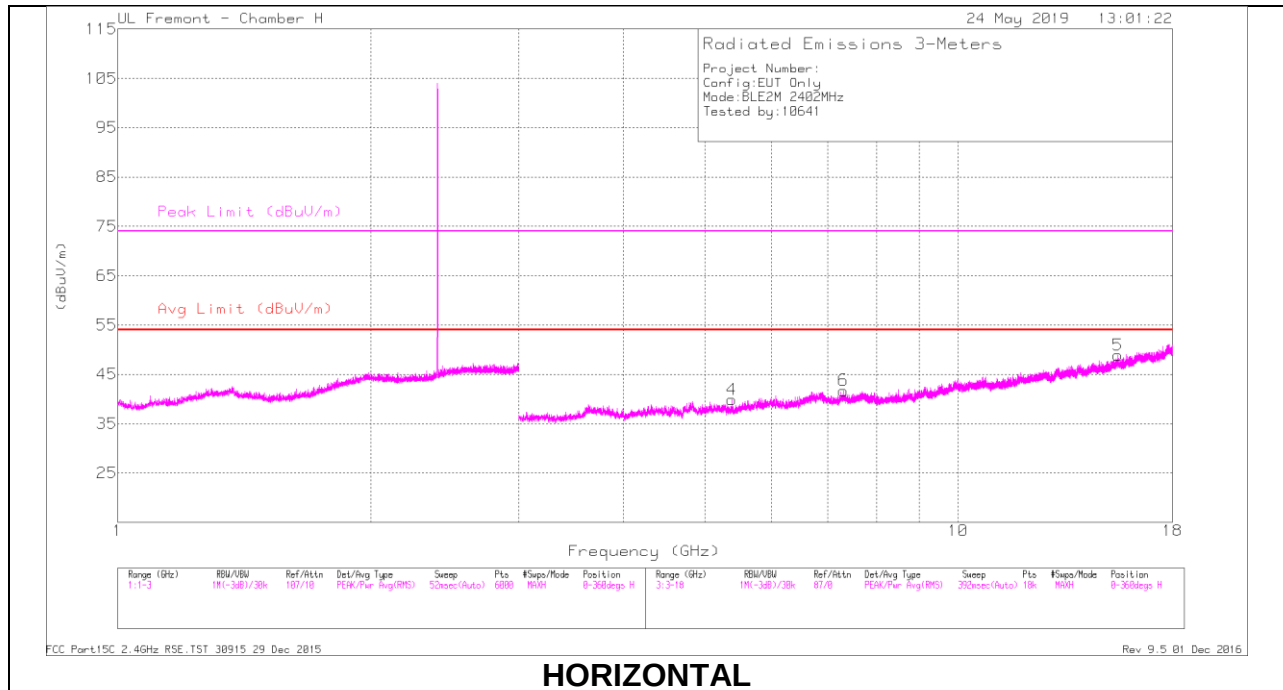
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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	AFT136 (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
4	* 5.38	40.07	PK2	34.6	-29	45.67	-	-	74	-28.33	141	212	H
	* 5.38	29.01	MAv1	34.6	-29	34.61	54	-19.39	-	-	141	212	H
5	* 15.501	36.24	PK2	40.9	-21.7	55.44	-	-	74	-18.56	174	229	H
	* 15.503	25.03	MAv1	40.9	-21.7	44.23	54	-9.77	-	-	174	229	H
6	* 7.307	38.57	PK2	36.4	-26.4	48.57	-	-	74	-25.43	191	208	H
	* 7.307	27.41	MAv1	36.4	-26.5	37.31	54	-16.69	-	-	191	208	H
1	* 12.696	36.3	PK2	38.6	-22.8	52.1	-	-	74	-21.9	154	170	V
	* 12.697	24.21	MAv1	38.5	-23.4	39.31	54	-14.69	-	-	154	170	V
2	* 5.127	41.46	PK2	34.3	-29.6	46.16	-	-	74	-27.84	125	188	V
	* 5.129	30.1	MAv1	34.4	-29.7	34.8	54	-19.2	-	-	125	188	V
3	9.915	35.83	PK2	37.2	-22.6	50.43	-	-	74	-23.57	228	228	V

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

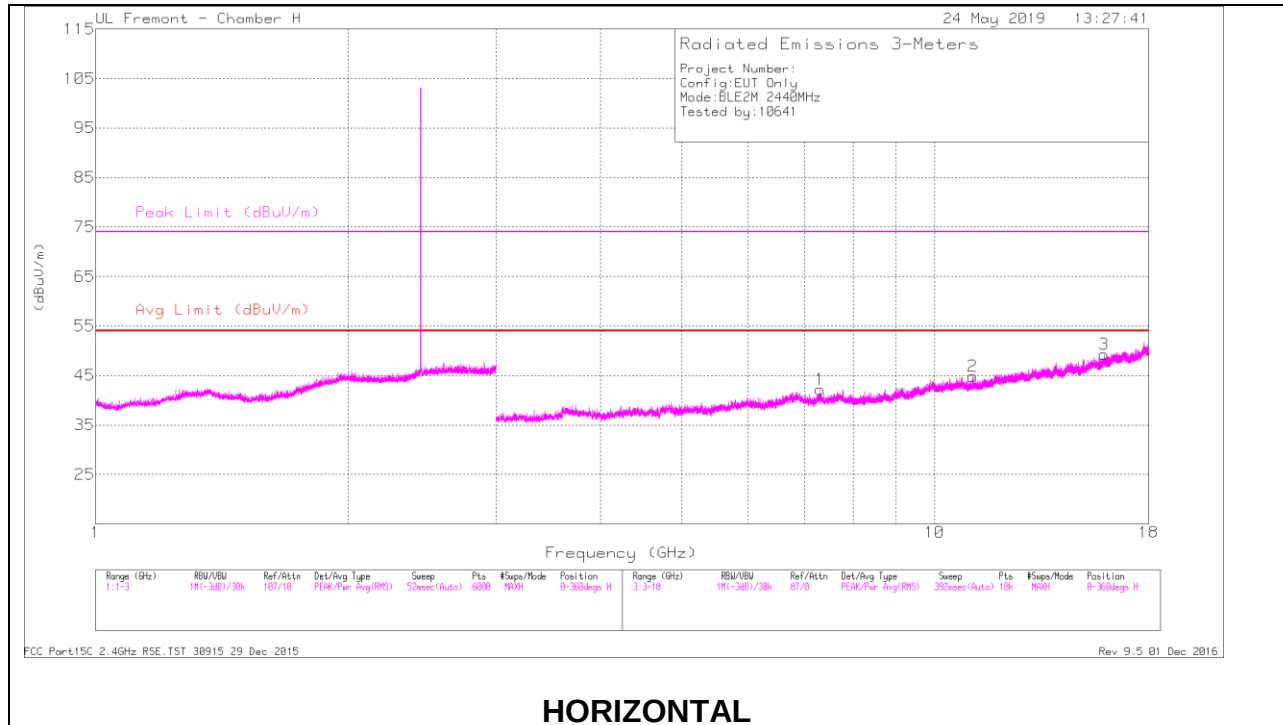
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

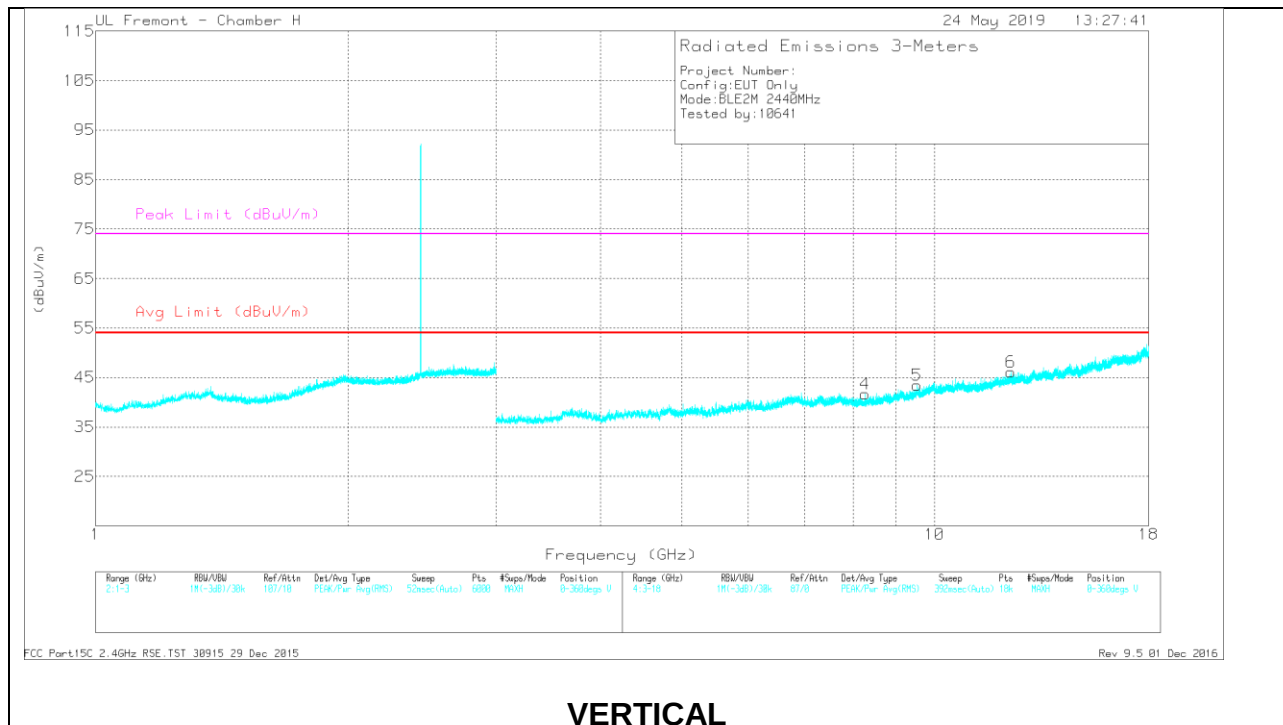
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Rev 9.5 01 Dec 2016

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL