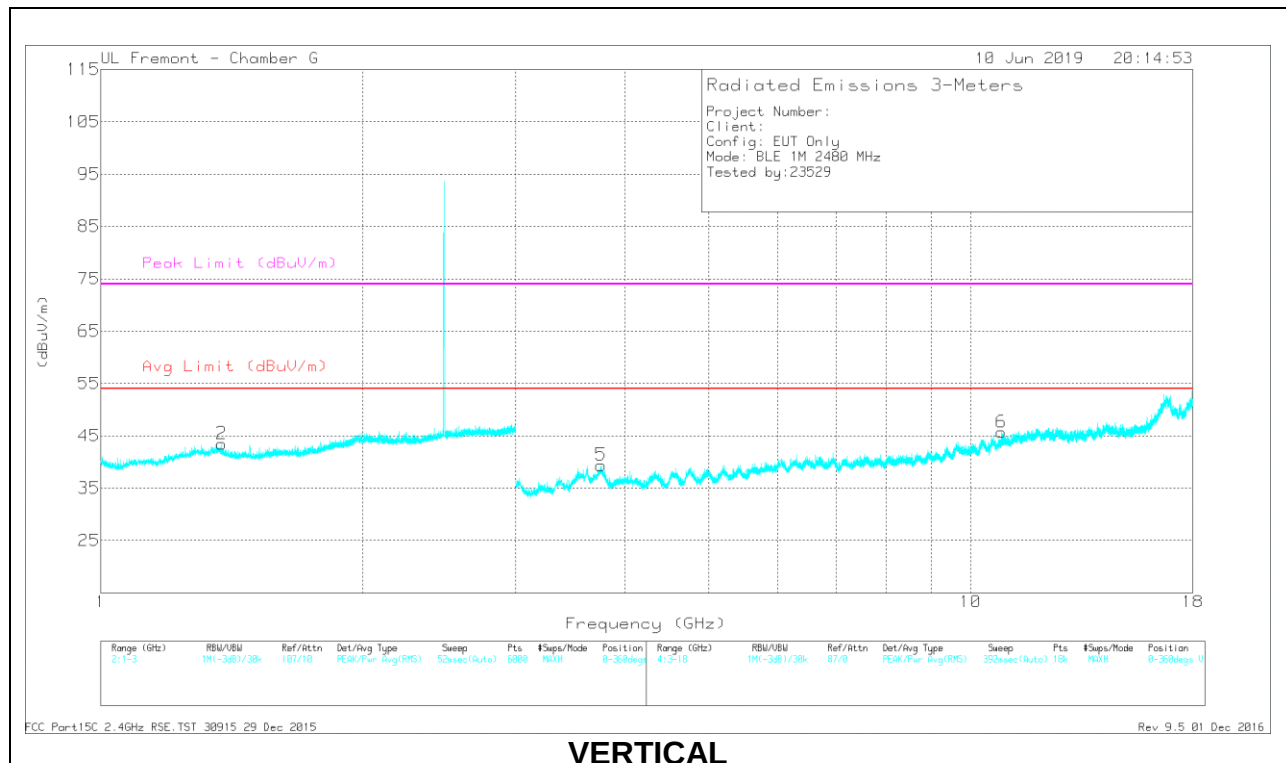
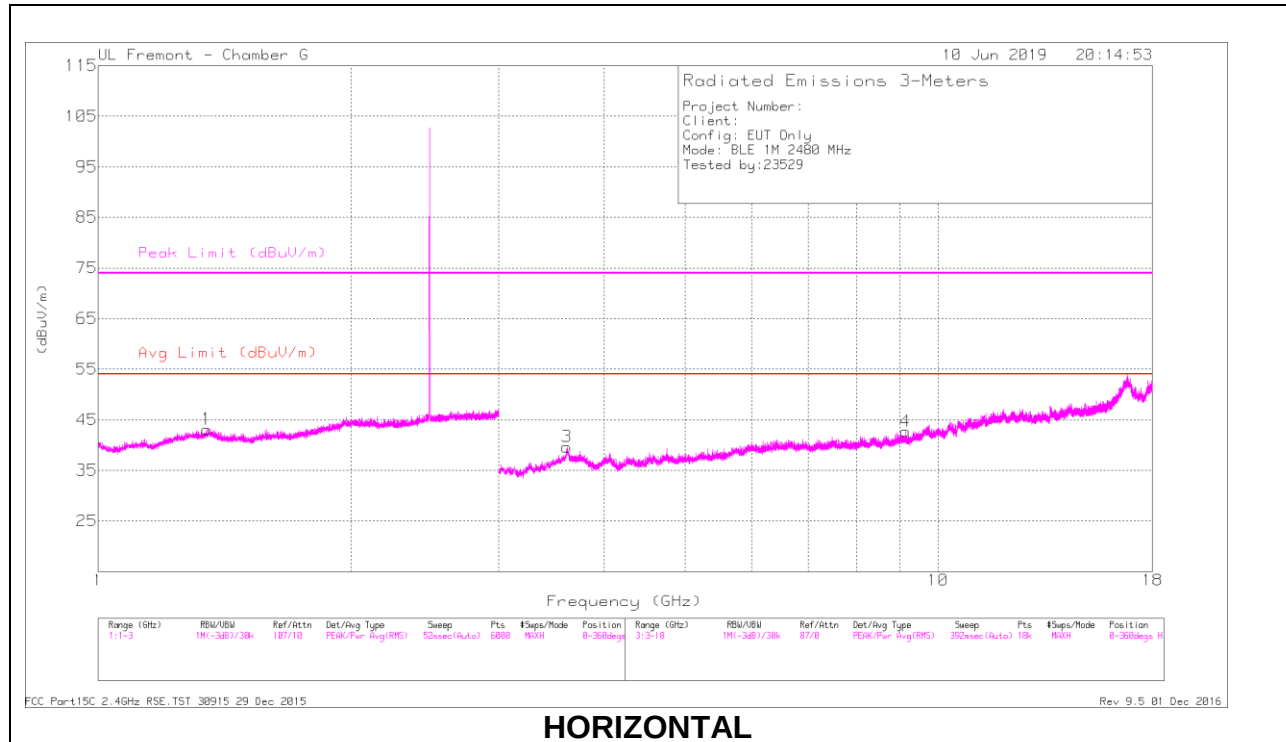


HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 1.347	43.76	PK2	29.8	-23.3	50.26	-	-	74	-23.74	112	173	H
	* 1.345	32.04	MAV1	29.8	-23.3	38.54	54	-15.46	-	-	112	173	H
2	* 1.376	43.58	PK2	29.6	-23.2	49.98	-	-	74	-24.02	95	213	V
	* 1.376	32.12	MAV1	29.6	-23.2	38.52	54	-15.48	-	-	95	213	V
3	* 3.613	40.76	PK2	35.4	-30.2	45.96	-	-	74	-28.04	216	189	H
	* 3.613	28.87	MAV1	35.4	-30.2	34.07	54	-19.93	-	-	216	189	H
4	* 9.147	38.57	PK2	36.5	-25.9	49.17	-	-	74	-24.83	175	110	H
	* 9.150	27.37	MAV1	36.5	-26	37.87	54	-16.13	-	-	175	110	H
5	* 3.760	40.44	PK2	33.8	-29.1	45.14	-	-	74	-28.86	290	236	V
	* 3.760	29.44	MAV1	33.8	-29.1	34.14	54	-19.86	-	-	290	236	V
6	* 10.847	37.70	PK2	38.3	-23.5	52.50	-	-	74	-21.50	269	216	V
	* 10.847	26.20	MAV1	38.3	-23.5	41.00	54	-13.00	-	-	269	216	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

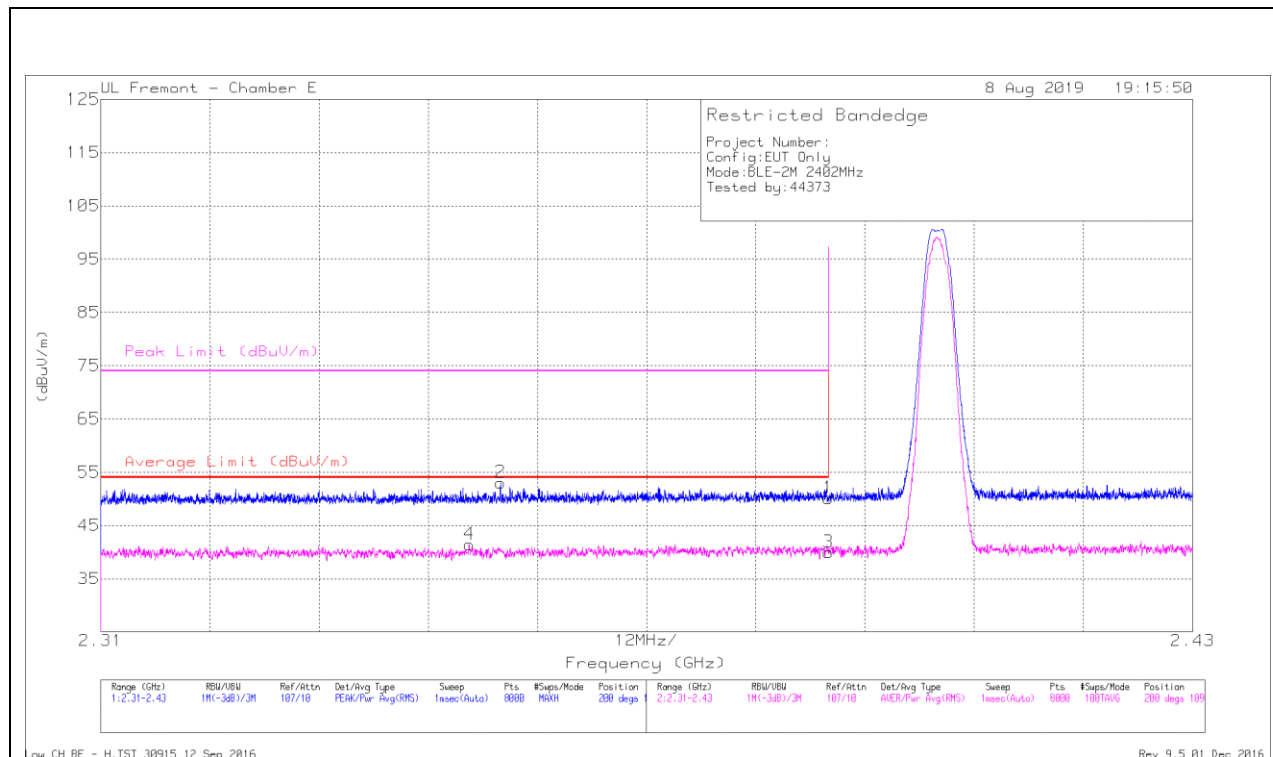
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9.2.4 Low Power BLE (2Mbps)

Antenna 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.351	35.66	RMS	32	-26.2	41.46	54	-12.54	-	-	200	109	H
2	* 2.354	47.35	Pk	32	-26.3	53.05	-	-	74	-20.95	200	109	H
1	* 2.39	44.06	Pk	32.3	-26.2	50.16	-	-	74	-23.84	200	109	H
3	* 2.39	33.86	RMS	32.3	-26.2	39.96	54	-14.04	-	-	200	109	H

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

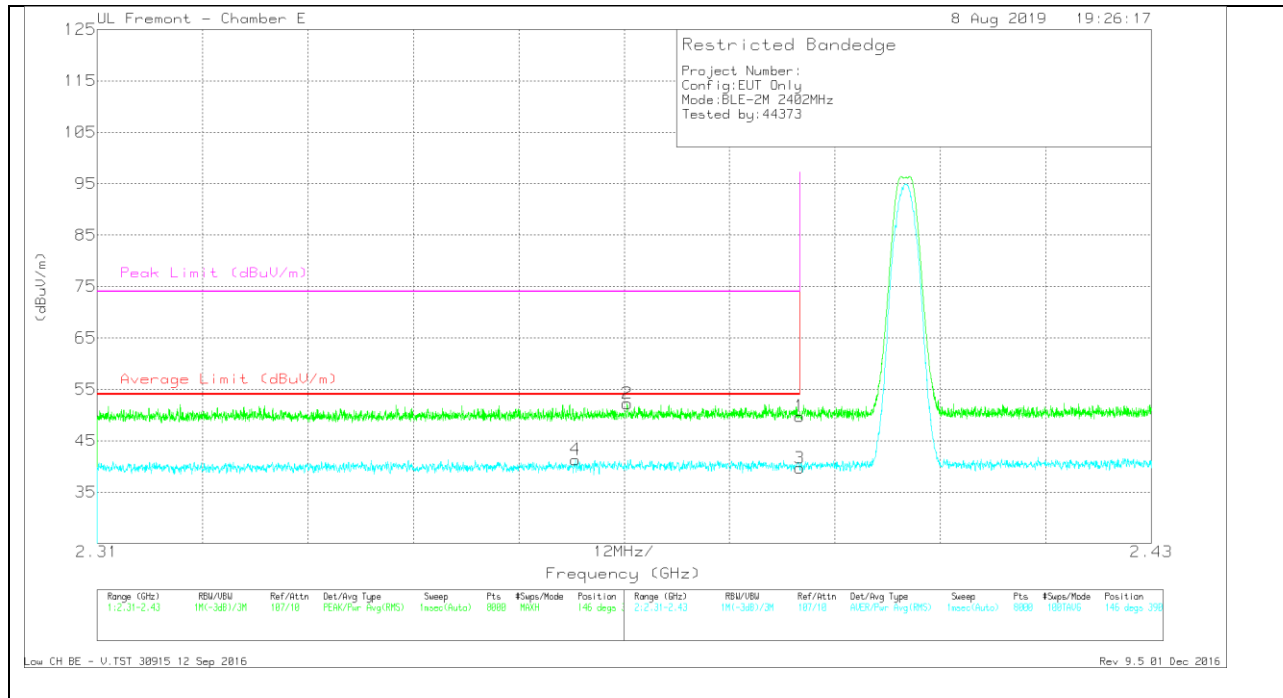
Pk - Peak detector

RMS - RMS detection

Low CH BE - H.TST 30915 12 Sep 2016

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (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
4	* 2.364	35.53	RMS	32.1	-26.3	41.33	54	-12.67	-	-	146	390	V
2	* 2.37	46.33	Pk	32.2	-26.3	52.23	-	-	74	-21.77	146	390	V
1	* 2.39	43.64	Pk	32.3	-26.2	49.74	-	-	74	-24.26	146	390	V
3	* 2.39	33.57	RMS	32.3	-26.2	39.67	54	-14.33	-	-	146	390	V

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

Pk - Peak detector

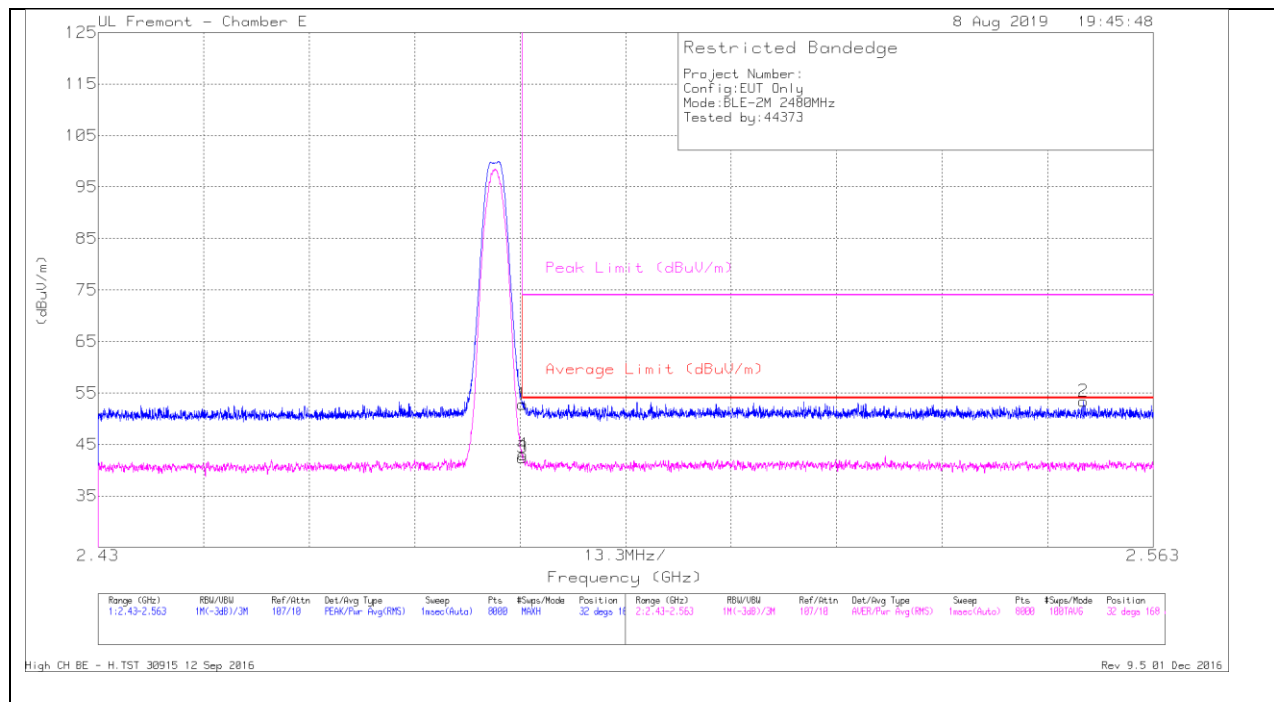
RMS - RMS detection

Low CH BE - V.TST 30915 12 Sep 2016

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BANEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/CbI/FiltriP ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.31	Pk	32.8	-26.3	52.81	-	-	74	-21.19	32	168	H
3	* 2.484	35.94	RMS	32.8	-26.3	42.44	54	-11.56	-	-	32	168	H
4	* 2.484	36.52	RMS	32.8	-26.3	43.02	54	-10.98	-	-	32	168	H
2	2.554	46.92	Pk	32.8	-26.3	53.42	-	-	74	-20.58	32	168	H

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

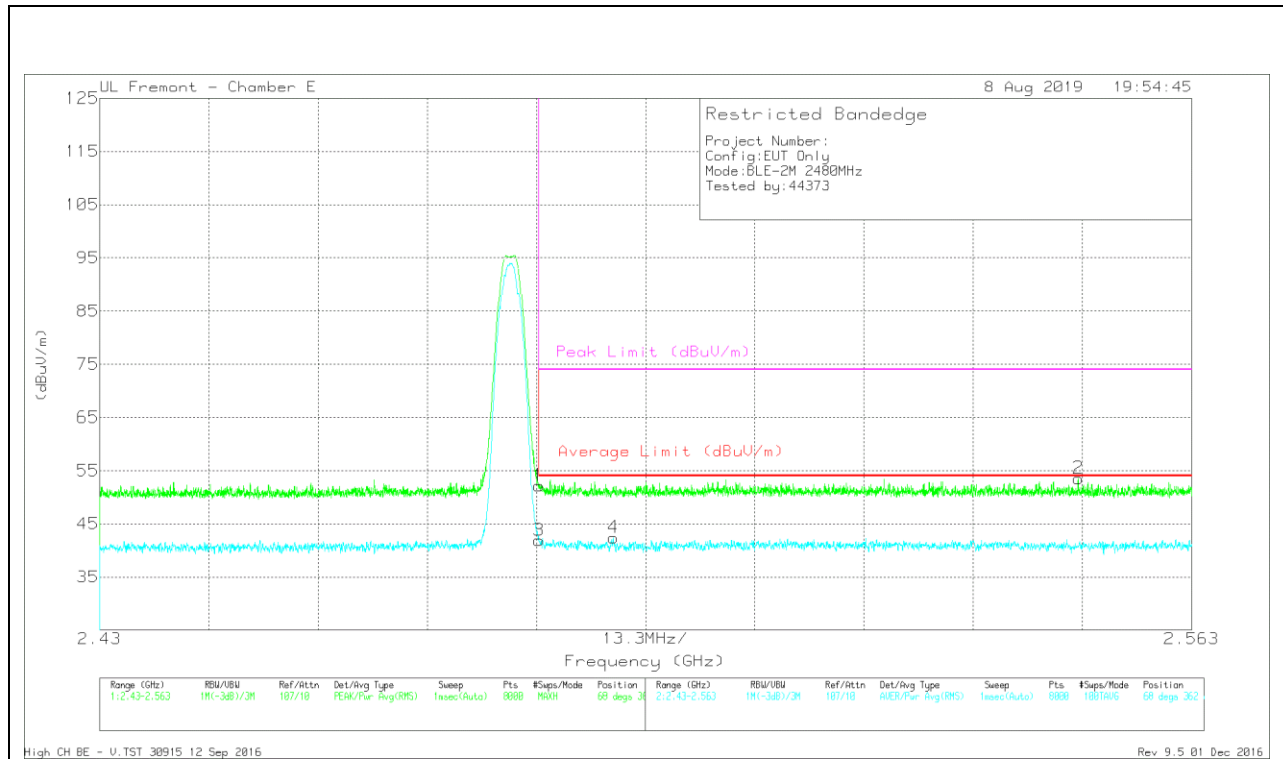
Pk - Peak detector

RMS - RMS detection

High CH BE - H.TST 30915 12 Sep 2016

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cbl/FiltriP ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.68	Pk	32.8	-26.3	52.18	-	-	74	-21.82	68	362	V
3	* 2.484	35.39	RMS	32.8	-26.3	41.89	54	-12.11	-	-	68	362	V
4	* 2.493	35.81	RMS	32.9	-26.3	42.41	54	-11.59	-	-	68	362	V
2	2.549	47.04	Pk	32.8	-26.3	53.54	-	-	74	-20.46	68	362	V

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

Pk - Peak detector

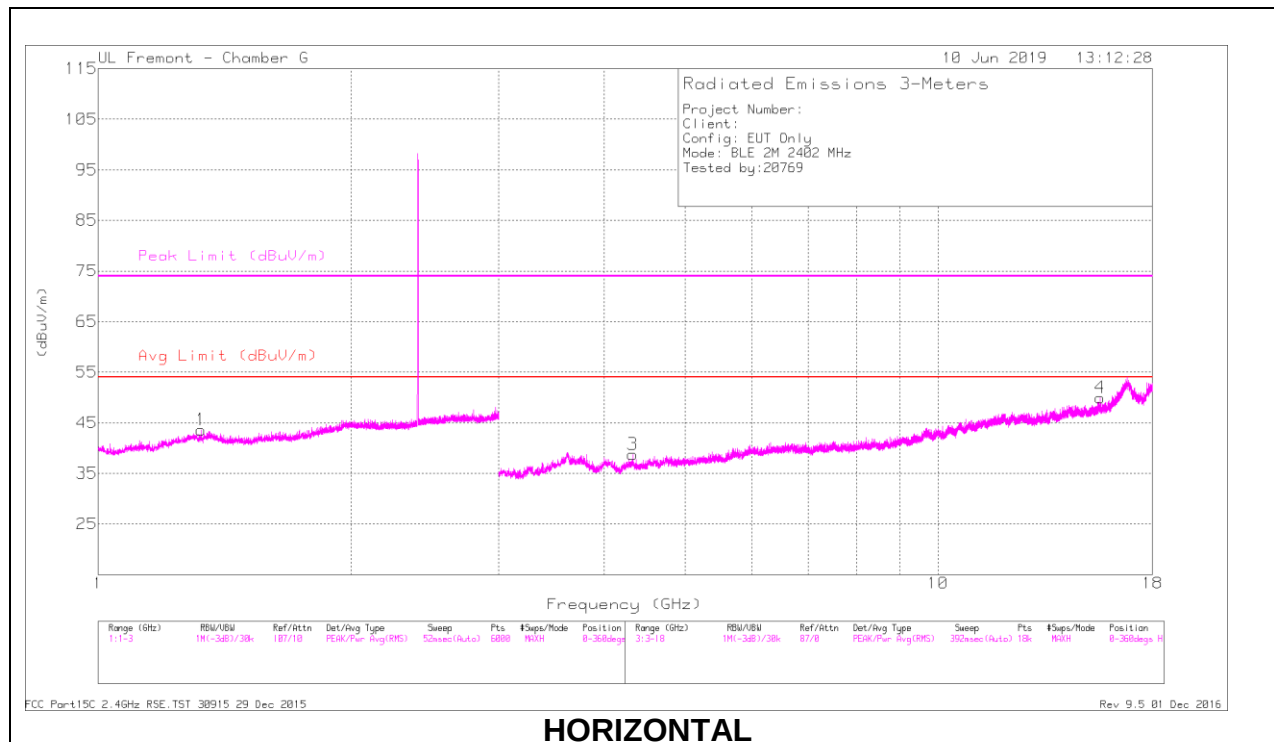
RMS - RMS detection

High CH BE - V.TST 30915 12 Sep 2016

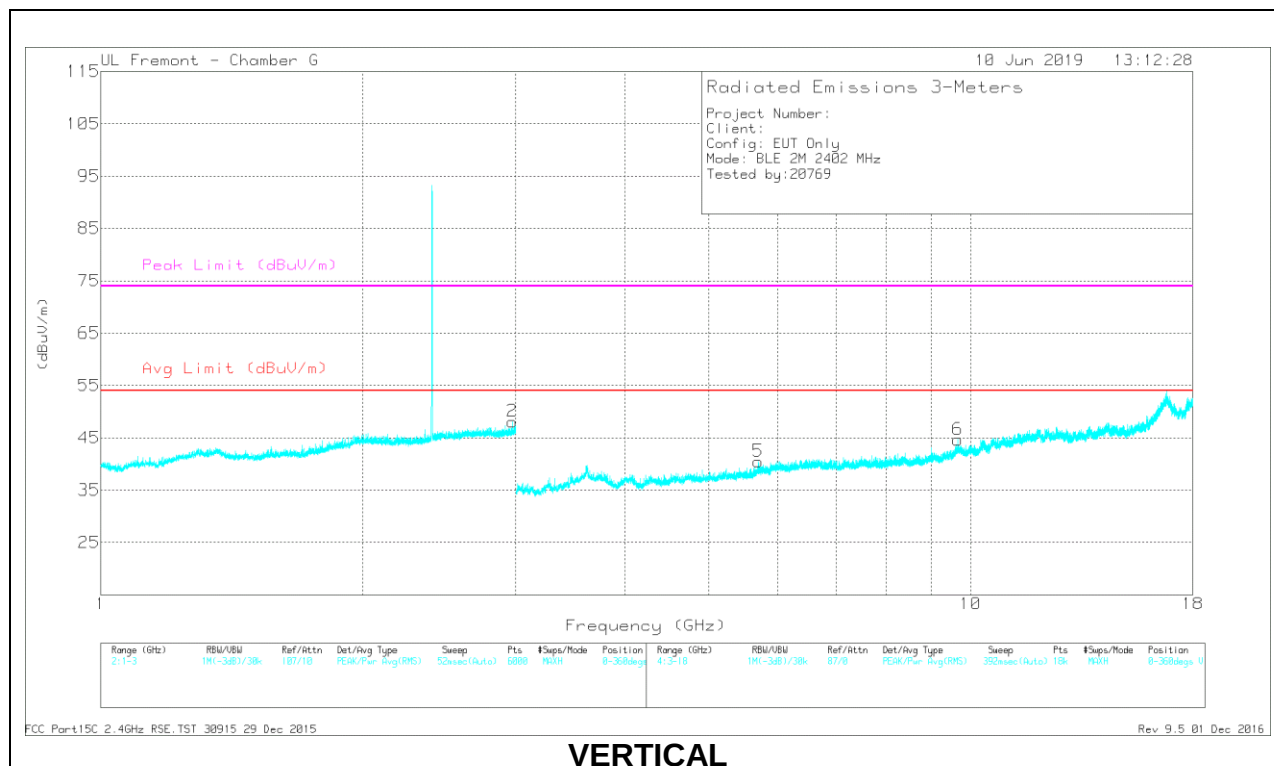
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HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 1.325	43.46	PK2	29.8	-23.5	49.76	-	-	74	-24.24	181	310	H
	* 1.325	31.52	MAv1	29.8	-23.5	37.82	54	-16.18	-	-	181	310	H
3	* 4.331	40.74	PK2	33.8	-29.1	45.44	-	-	74	-28.56	118	174	H
	* 4.331	28.38	MAv1	33.8	-29.1	33.08	54	-20.92	-	-	118	174	H
4	* 15.604	37.37	PK2	40.9	-22.6	55.67	-	-	74	-18.33	201	299	H
	* 15.603	25.59	MAv1	40.8	-22.6	43.79	54	-10.21	-	-	201	299	H
2	2.974	43.08	PK2	32.7	-21.6	54.18	-	-	-	-	360	219	V
5	5.699	39.98	PK2	35.1	-28.5	46.58	-	-	-	-	37	246	V
6	9.671	37.09	PK2	37.5	-24.3	50.29	-	-	-	-	59	382	V

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

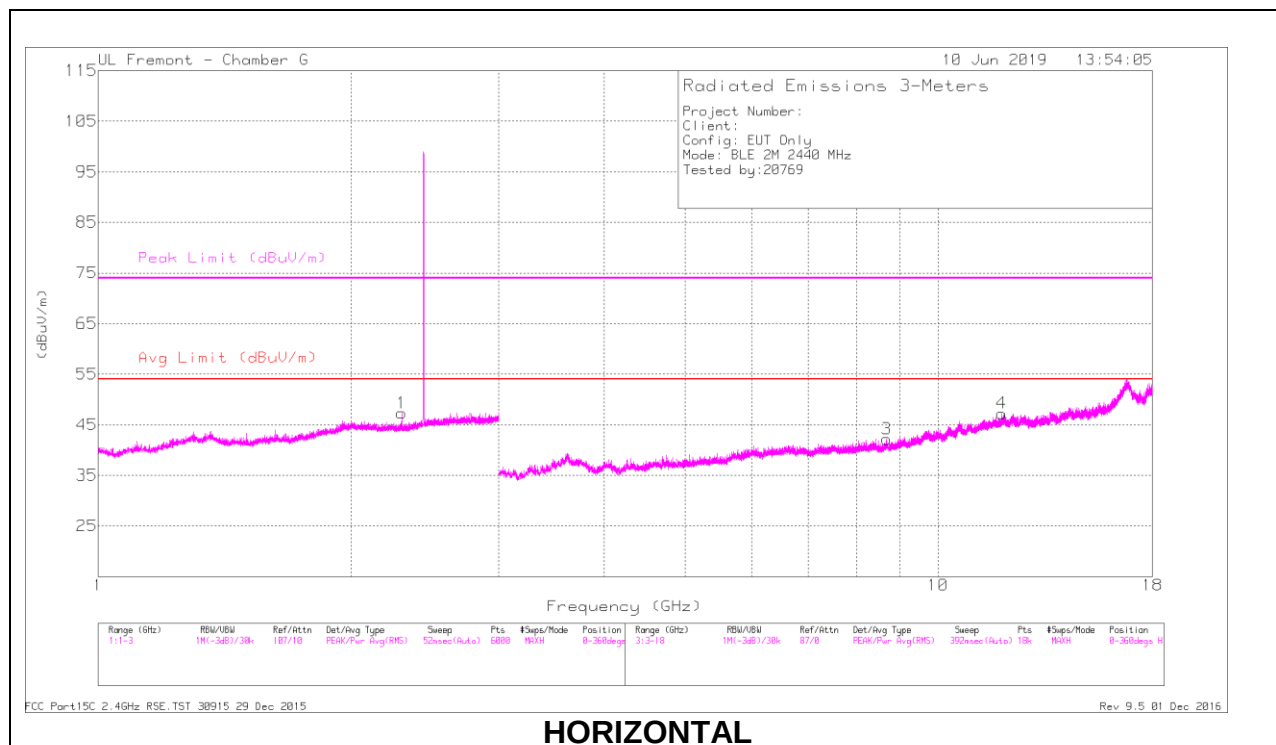
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

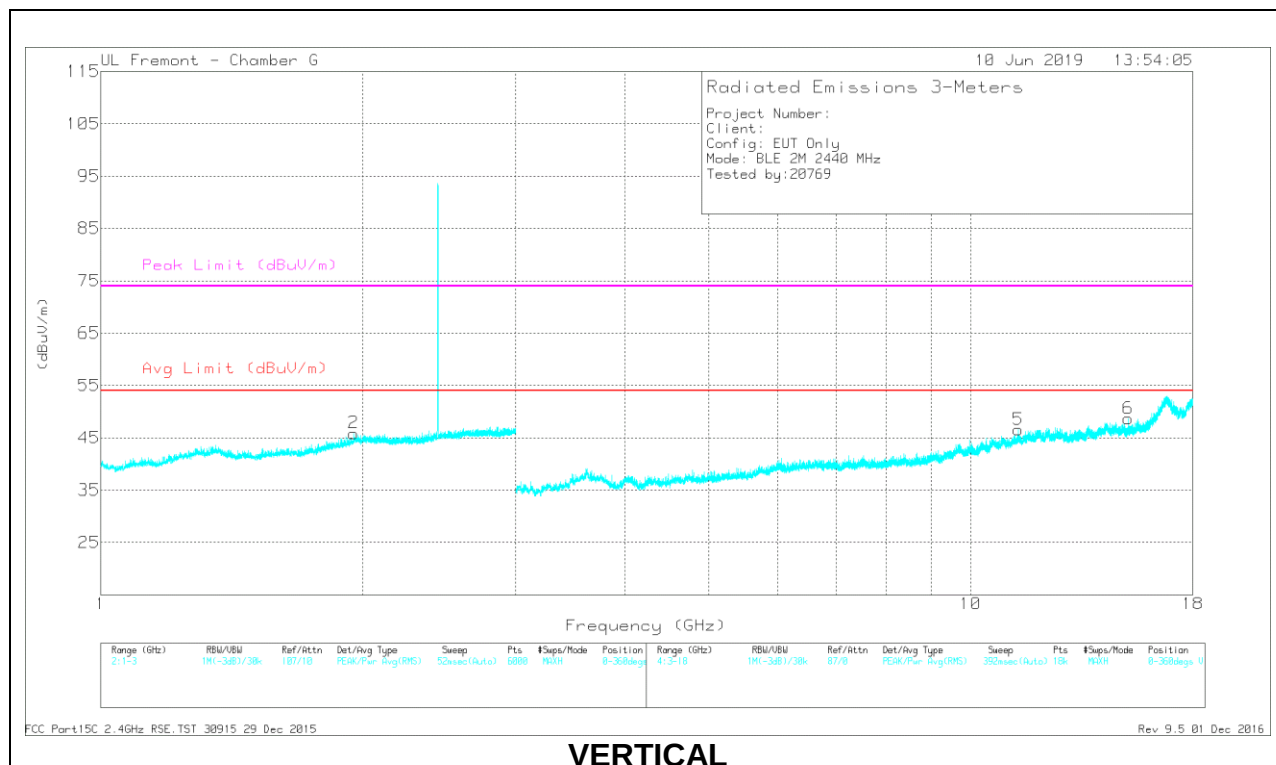
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MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 2.298	42.78	PK2	31.7	-22.3	52.18	-	-	74	-21.82	35	304	H
	* 2.297	30.67	MAv1	31.7	-22.3	40.07	54	-13.93	-	-	35	304	H
4	* 11.914	36.10	PK2	39.4	-22.7	52.8	-	-	74	-21.20	356	291	H
	* 11.914	24.80	MAv1	39.4	-22.7	41.50	54	-12.50	-	-	356	291	H
5	* 11.350	36.29	PK2	38.7	-22.4	52.59	-	-	74	-21.41	142	215	V
	* 11.349	24.62	MAv1	38.7	-22.4	40.92	54	-13.08	-	-	142	215	V
2	1.954	43.95	PK2	31.9	-22.6	53.25	-	-	-	-	181	155	V
3	8.684	37.57	PK2	36.2	-26.1	47.67	-	-	-	-	55	101	H
6	15.182	37.12	PK2	40.4	-23.6	53.92	-	-	-	-	73	385	V

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

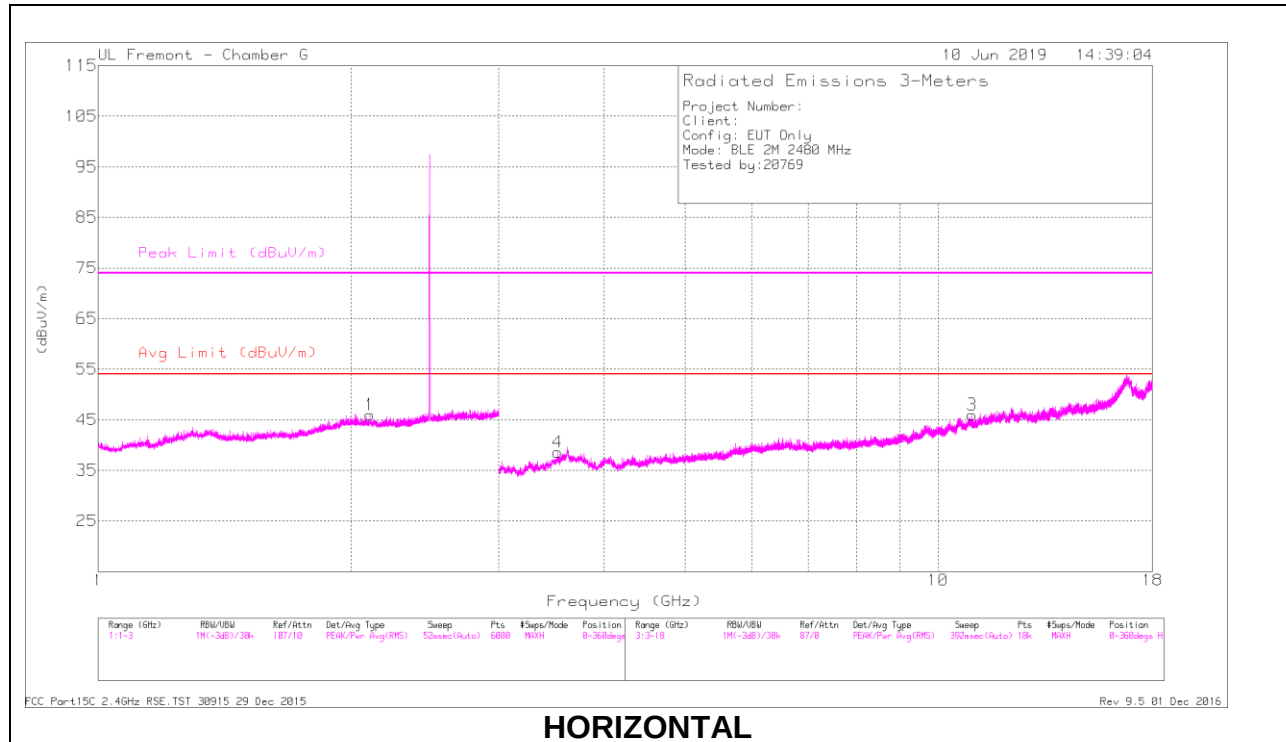
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

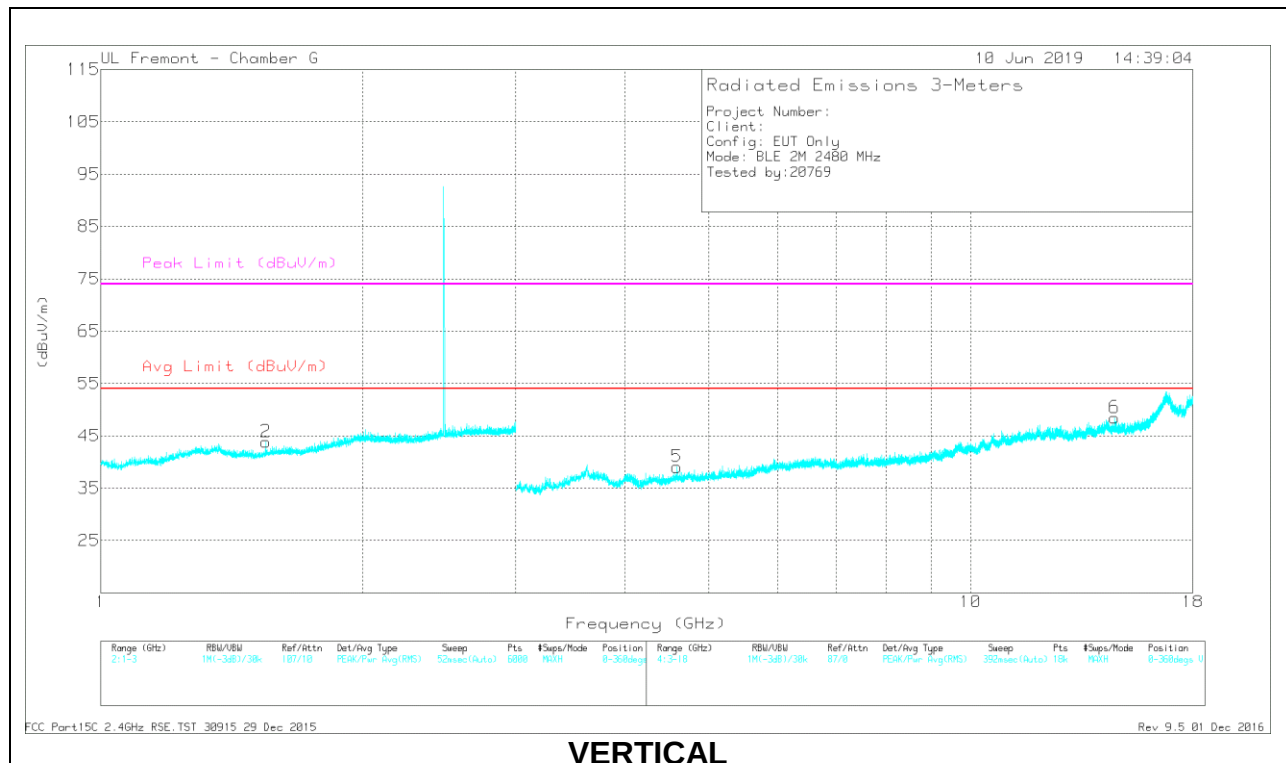
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HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 1.548	43.78	PK2	27.9	-21.5	50.18	-	-	74	-23.82	195	148	V
	* 1.547	31.79	MAv1	27.9	-21.5	38.19	54	-15.81	-	-	195	148	V
3	* 10.973	36.51	PK2	38.3	-23.4	51.41	-	-	74	-22.59	13	102	H
	* 10.973	25.14	MAv1	38.3	-23.4	40.04	54	-13.96	-	-	13	102	H
4	* 3.527	41.60	PK2	35	-30.6	46	-	-	74	-28.00	341	312	H
	* 3.525	29.11	MAv1	35	-30.5	33.61	54	-20.39	-	-	341	312	H
5	* 4.595	40.34	PK2	34.3	-29.5	45.14	-	-	74	-28.86	68	181	V
	* 4.597	28.79	MAv1	34.3	-29.5	33.59	54	-20.41	-	-	68	181	V
1	2.107	42.53	PK2	31.9	-22.4	52.03	-	-	-	-	335	307	H
6	14.641	38.13	PK2	40.5	-23.8	54.83	-	-	-	-	307	185	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

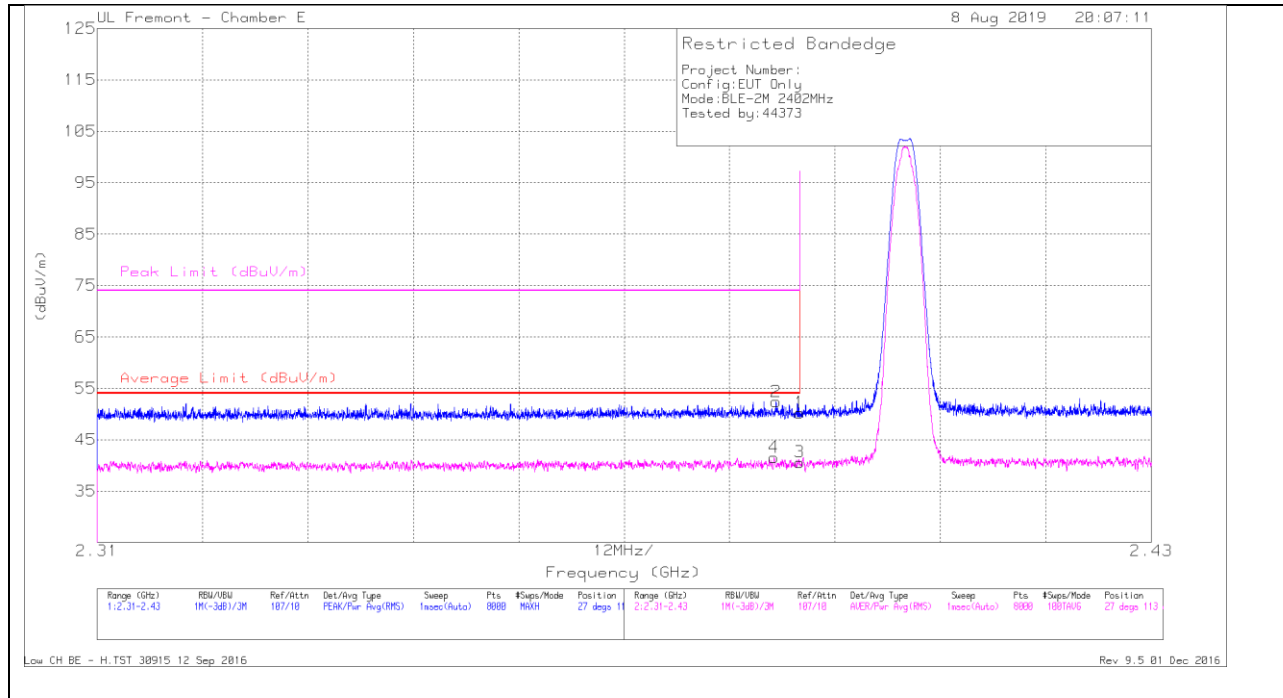
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Antenna 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (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
2	* 2.387	46.29	Pk	32.3	-26.2	52.39	-	-	74	-21.61	27	113	H
4	* 2.387	35.55	RMS	32.3	-26.3	41.55	54	-12.45	-	-	27	113	H
1	* 2.39	44.14	Pk	32.3	-26.2	50.24	-	-	74	-23.76	27	113	H
3	* 2.39	34.51	RMS	32.3	-26.2	40.61	54	-13.39	-	-	27	113	H

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

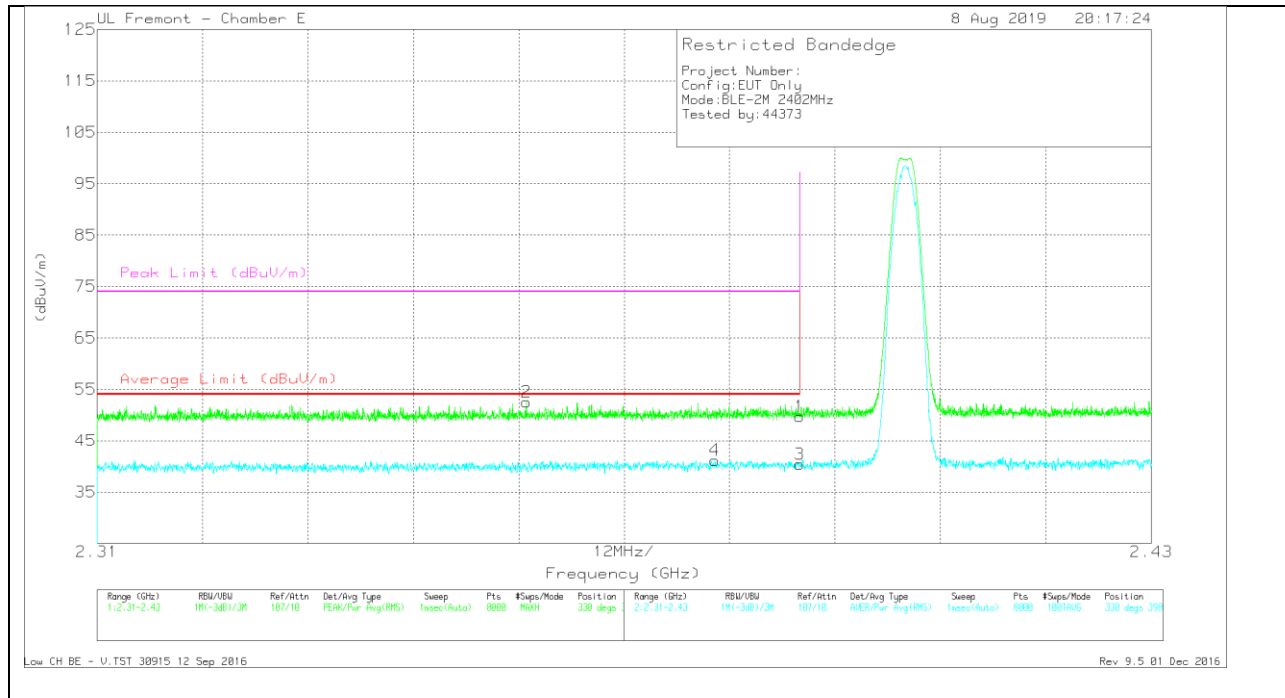
Pk - Peak detector

RMS - RMS detection

Low CH BE - H.TST 30915 12 Sep 2016

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/FiltriP ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.359	46.72	Pk	32.1	-26.3	52.52	-	-	74	-21.48	330	398	V
4	* 2.38	35.2	RMS	32.3	-26.3	41.2	54	-12.8	-	-	330	398	V
1	* 2.39	43.62	Pk	32.3	-26.2	49.72	-	-	74	-24.28	330	398	V
3	* 2.39	34.32	RMS	32.3	-26.2	40.42	54	-13.58	-	-	330	398	V

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

Pk - Peak detector

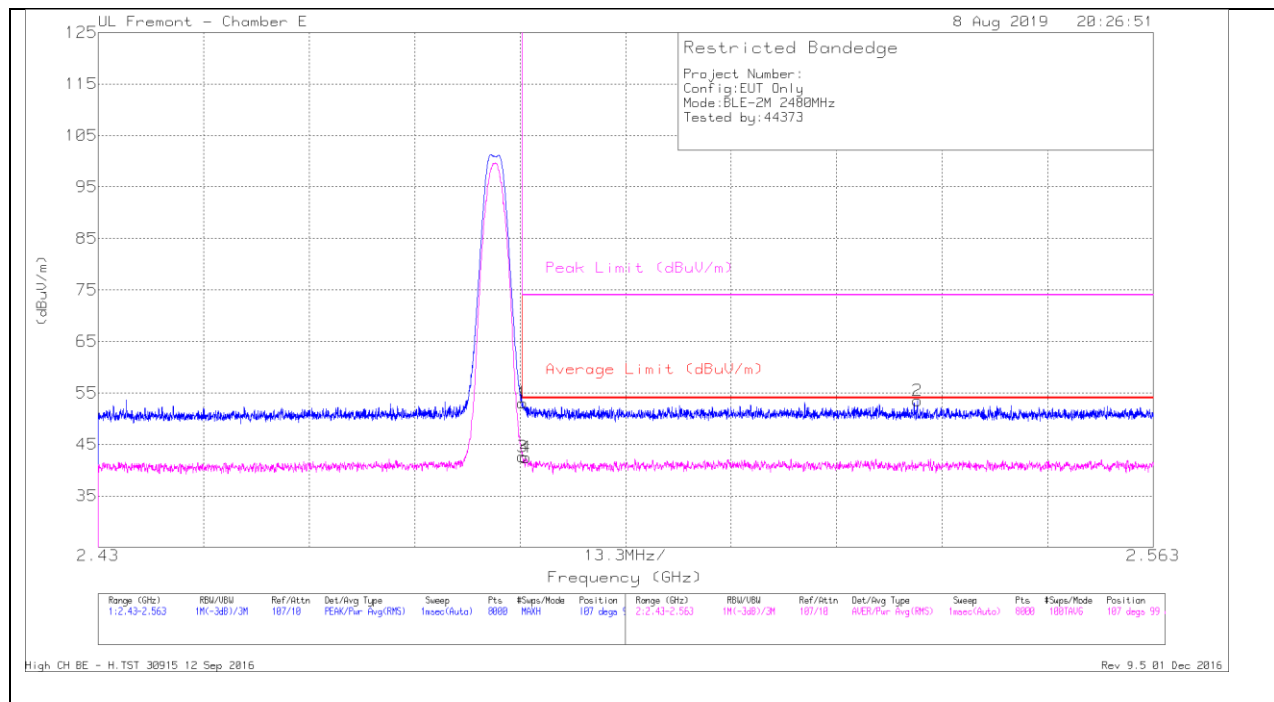
RMS - RMS detection

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BANEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/CbI/FiltriP ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.53	Pk	32.8	-26.3	53.03	-	-	74	-20.97	107	99	H
3	* 2.484	36.12	RMS	32.8	-26.3	42.62	54	-11.38	-	-	107	99	H
4	* 2.484	35.96	RMS	32.8	-26.3	42.46	54	-11.54	-	-	107	99	H
2	2.533	46.98	Pk	32.9	-26.4	53.48	-	-	74	-20.52	107	99	H

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

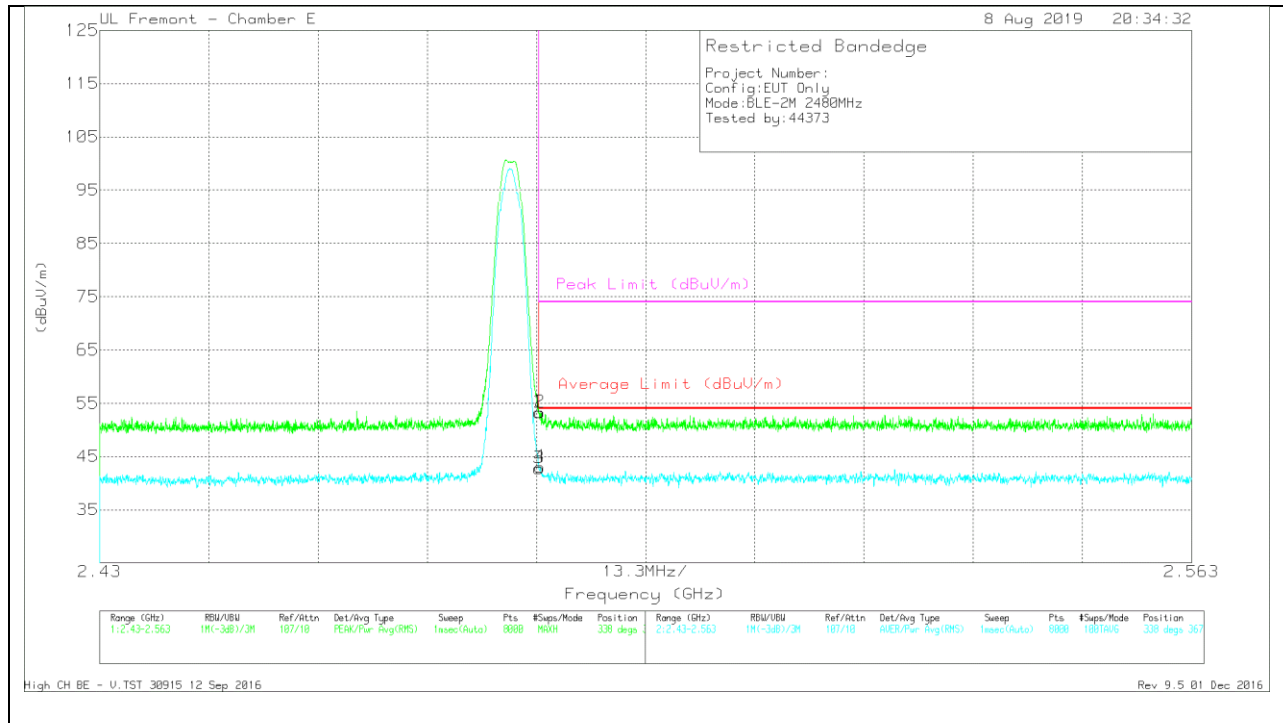
Pk - Peak detector

RMS - RMS detection

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/CbI/FiltriP ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.8	Pk	32.8	-26.3	53.3	-	-	74	-20.7	338	367	V
2	* 2.484	46.8	Pk	32.8	-26.3	53.3	-	-	74	-20.7	338	367	V
3	* 2.484	36.31	RMS	32.8	-26.3	42.81	54	-11.19	-	-	338	367	V
4	* 2.484	36.53	RMS	32.8	-26.3	43.03	54	-10.97	-	-	338	367	V

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

Pk - Peak detector

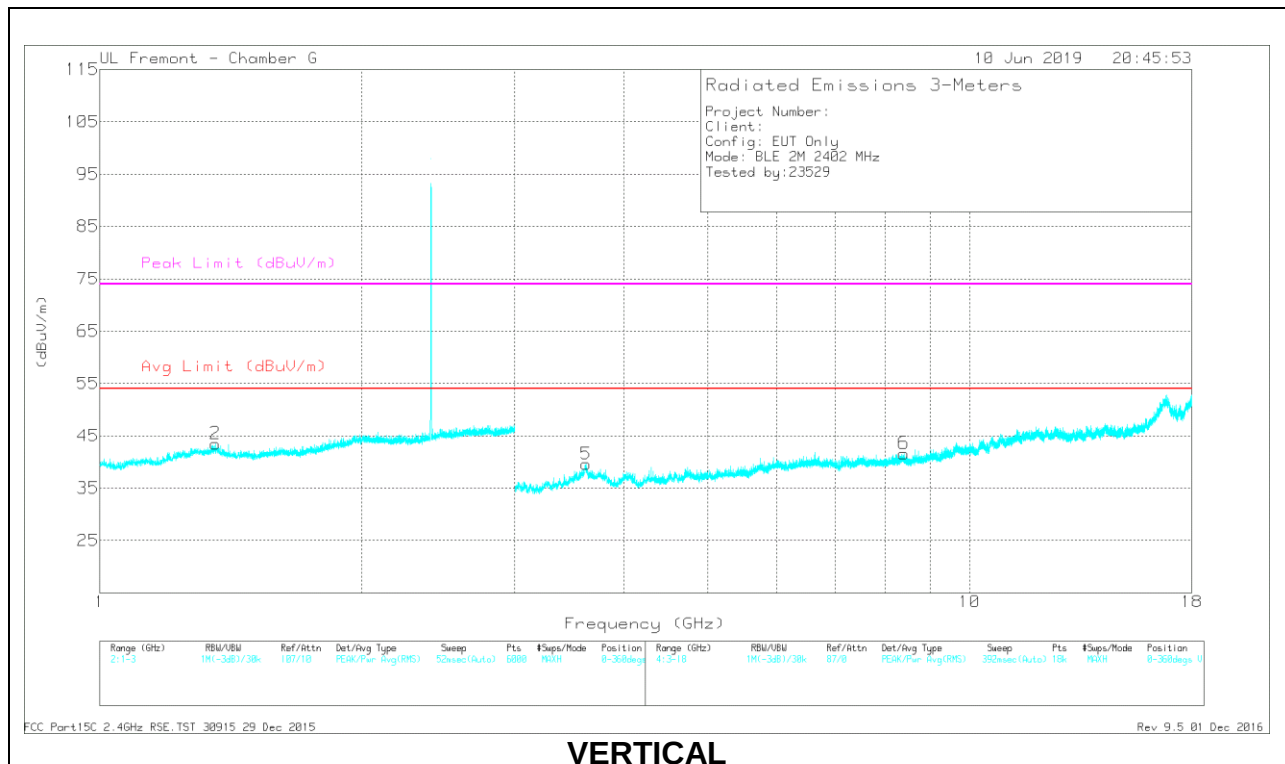
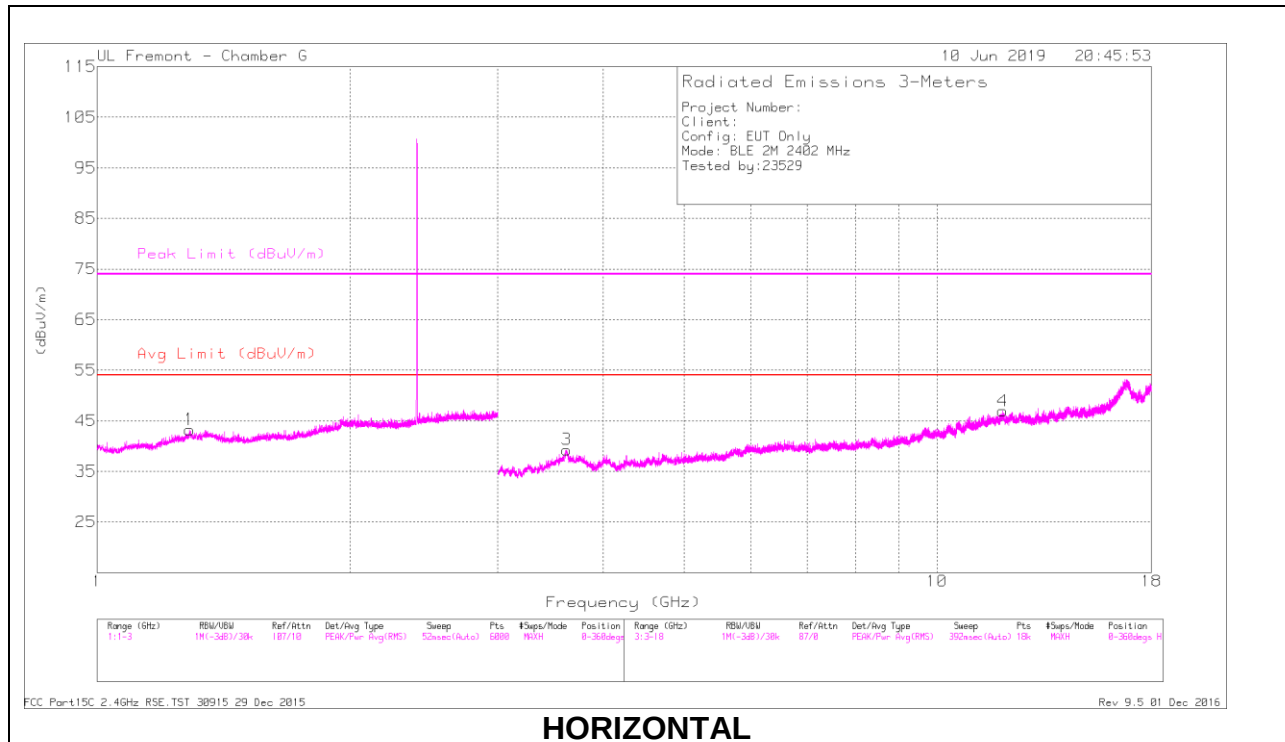
RMS - RMS detection

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HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 1.287	43.78	PK2	29.8	-23.5	50.08	-	-	74	-23.92	37	217	H
	* 1.289	32.36	MAV1	29.8	-23.5	38.66	54	-15.34	-	-	37	217	H
2	* 1.360	43.90	PK2	29.9	-23.3	50.50	-	-	74	-23.50	205	160	V
	* 1.358	32.30	MAV1	29.9	-23.3	38.90	54	-15.10	-	-	205	160	V
3	* 3.619	40.65	PK2	35.7	-30	46.35	-	-	74	-27.65	173	192	H
	* 3.621	29.49	MAV1	35.7	-30	35.19	54	-18.81	-	-	173	192	H
4	* 11.978	36.10	PK2	39.4	-22.3	53.20	-	-	74	-20.80	60	269	H
	* 11.978	25.06	MAV1	39.4	-22.2	42.26	54	-11.74	-	-	60	269	H
5	* 3.623	41.12	PK2	35.6	-29.9	46.82	-	-	74	-27.18	98	254	V
	* 3.623	29.77	MAV1	35.6	-29.9	35.47	54	-18.53	-	-	98	254	V
6	* 8.401	37.36	PK2	36.1	-26.1	47.36	-	-	74	-26.64	153	207	V
	* 8.400	26.63	MAV1	36.1	-26.1	36.63	54	-17.37	-	-	153	207	V

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

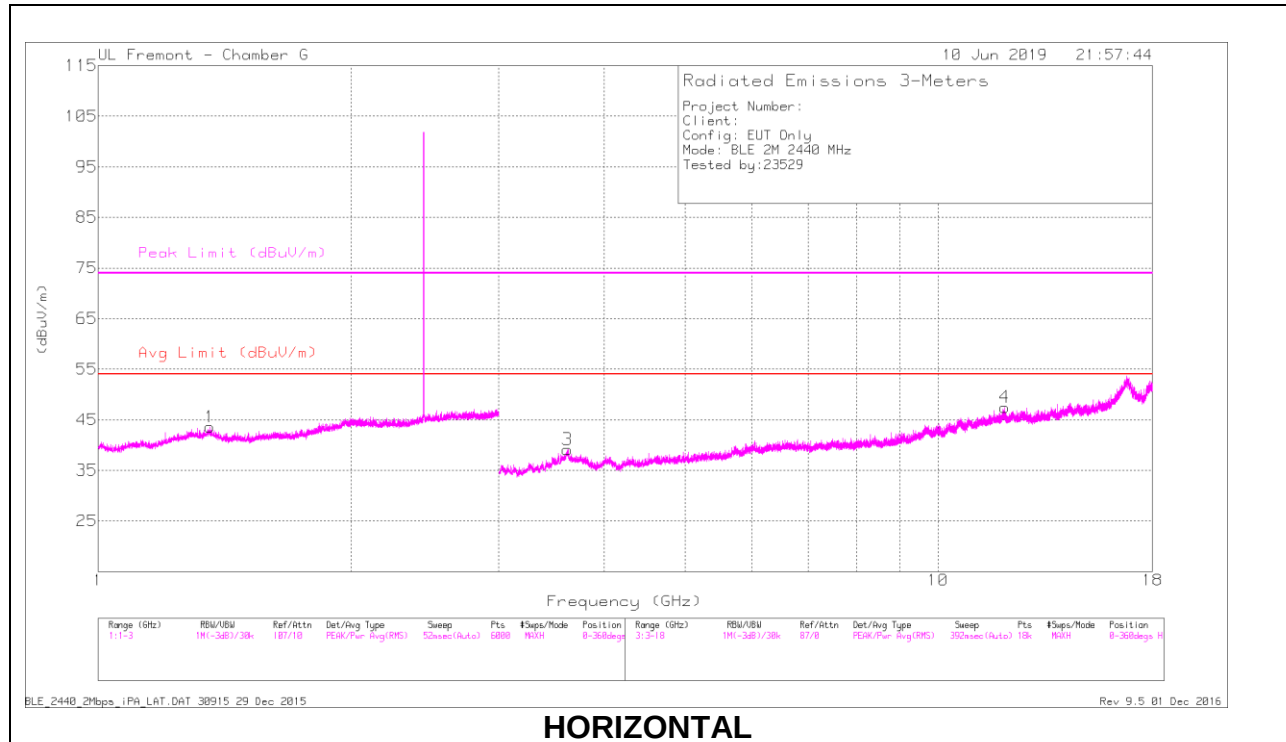
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

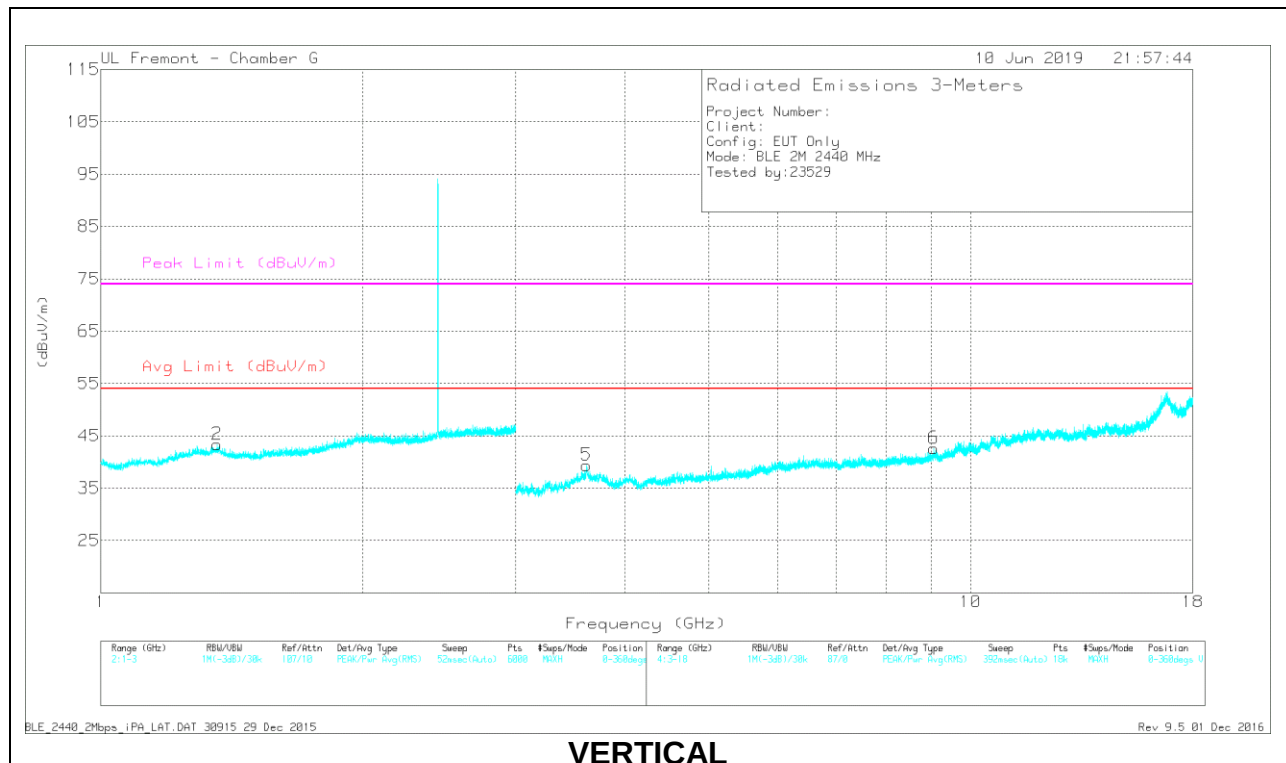
FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

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MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 1.359	43.89	PK2	29.9	-23.3	50.49	-	-	74	-23.51	270	163	H
	* 1.358	31.94	MAV1	30.0	-23.3	38.64	54	-15.36	-	-	270	163	H
2	* 1.362	43.66	PK2	29.9	-23.2	50.36	-	-	74	-23.64	126	244	V
	* 1.360	32.07	MAV1	29.9	-23.3	38.67	54	-15.33	-	-	126	244	V
3	* 3.622	41.88	PK2	35.7	-29.9	47.68	-	-	74	-26.32	168	208	H
	* 3.619	29.58	MAV1	35.7	-30	35.28	54	-18.72	-	-	168	208	H
4	* 12.007	36.09	PK2	39.4	-22.3	53.19	-	-	74	-20.81	60	237	H
	* 12.009	25.03	MAV1	39.5	-22.4	42.13	54	-11.87	-	-	60	237	H
5	* 3.617	39.93	PK2	35.7	-30.1	45.53	-	-	74	-28.47	96	189	V
	* 3.617	28.81	MAV1	35.7	-30.1	34.41	54	-19.59	-	-	96	189	V
6	* 9.067	37.78	PK2	36.5	-25.2	49.08	-	-	74	-24.92	200	173	V
	* 9.065	26.33	MAV1	36.5	-25.2	37.63	54	-16.37	-	-	200	173	V

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

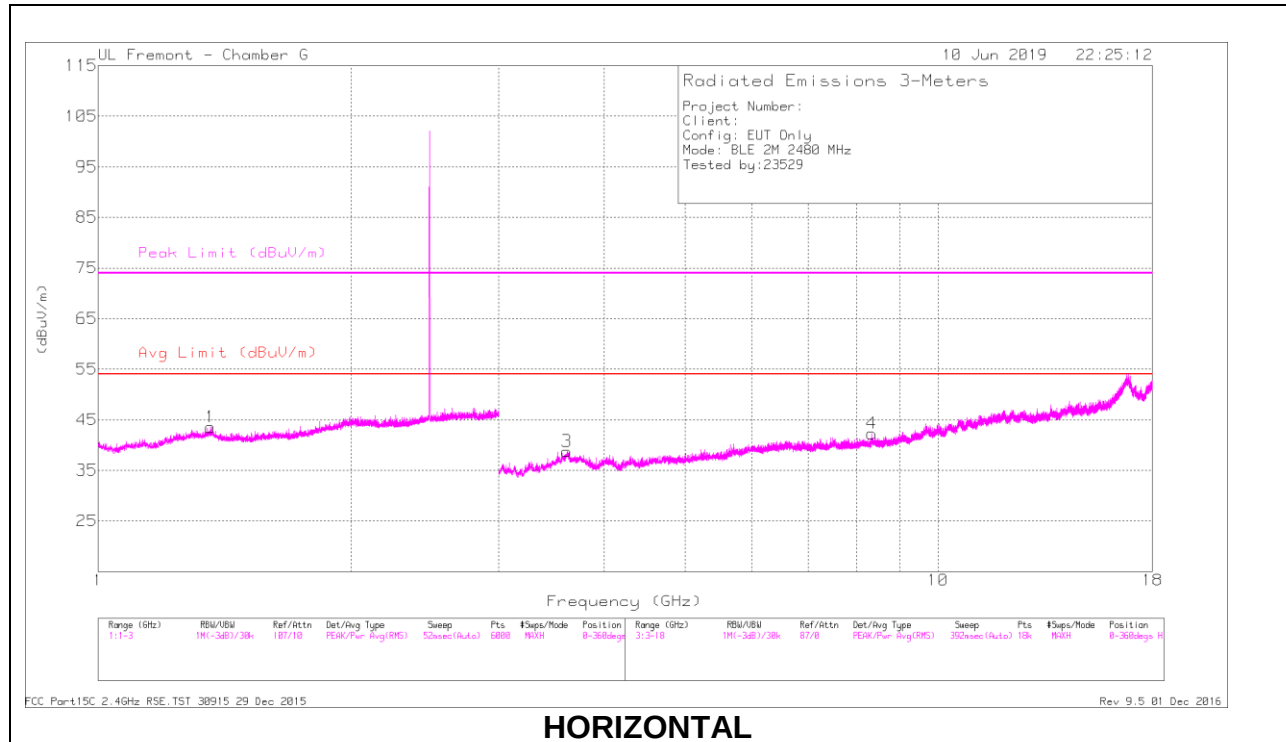
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

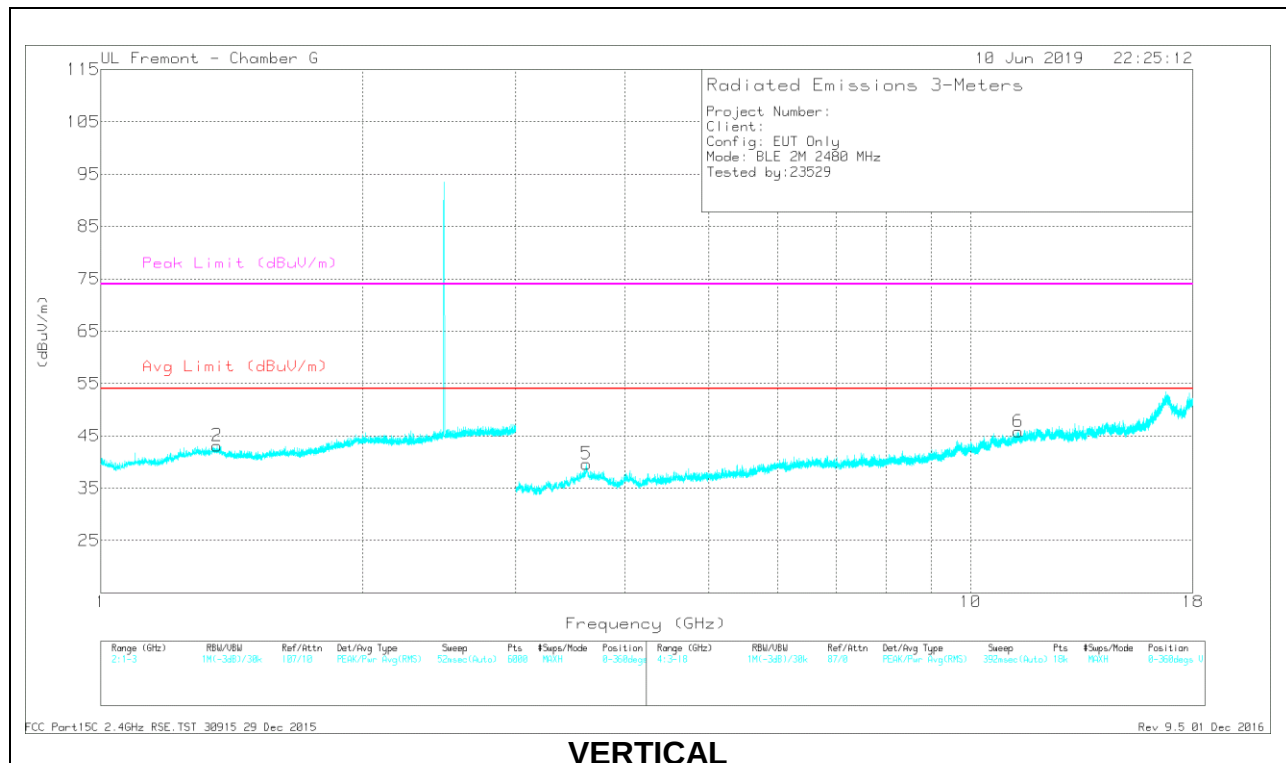
BLE_2440_2Mbps_iPA_LAT.DAT 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 1.358	44.25	PK2	29.9	-23.3	50.85	-	-	74	-23.15	271	148	H
	* 1.360	32.29	MAV1	29.9	-23.3	38.89	54	-15.11	-	-	271	148	H
2	* 1.363	44.14	PK2	30.0	-23.2	50.94	-	-	74	-23.06	168	207	V
	* 1.362	32.04	MAV1	29.9	-23.2	38.74	54	-15.26	-	-	168	207	V
3	* 3.614	40.40	PK2	35.5	-30.2	45.70	-	-	74	-28.30	193	187	H
	* 3.616	29.55	MAV1	35.6	-30.1	35.05	54	-18.95	-	-	193	187	H
4	* 8.341	38.82	PK2	36.1	-26.6	48.32	-	-	74	-25.68	78	257	H
	* 8.344	27.48	MAV1	36.1	-26.5	37.08	54	-16.92	-	-	78	257	H
5	* 3.619	40.62	PK2	35.7	-30	46.32	-	-	74	-27.68	135	183	V
	* 3.616	29.42	MAV1	35.6	-30.1	34.92	54	-19.08	-	-	135	183	V
6	* 11.345	36.04	PK2	38.7	-22.4	52.34	-	-	74	-21.66	152	165	V
	* 11.346	25.00	MAV1	38.7	-22.4	41.30	54	-12.70	-	-	152	165	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

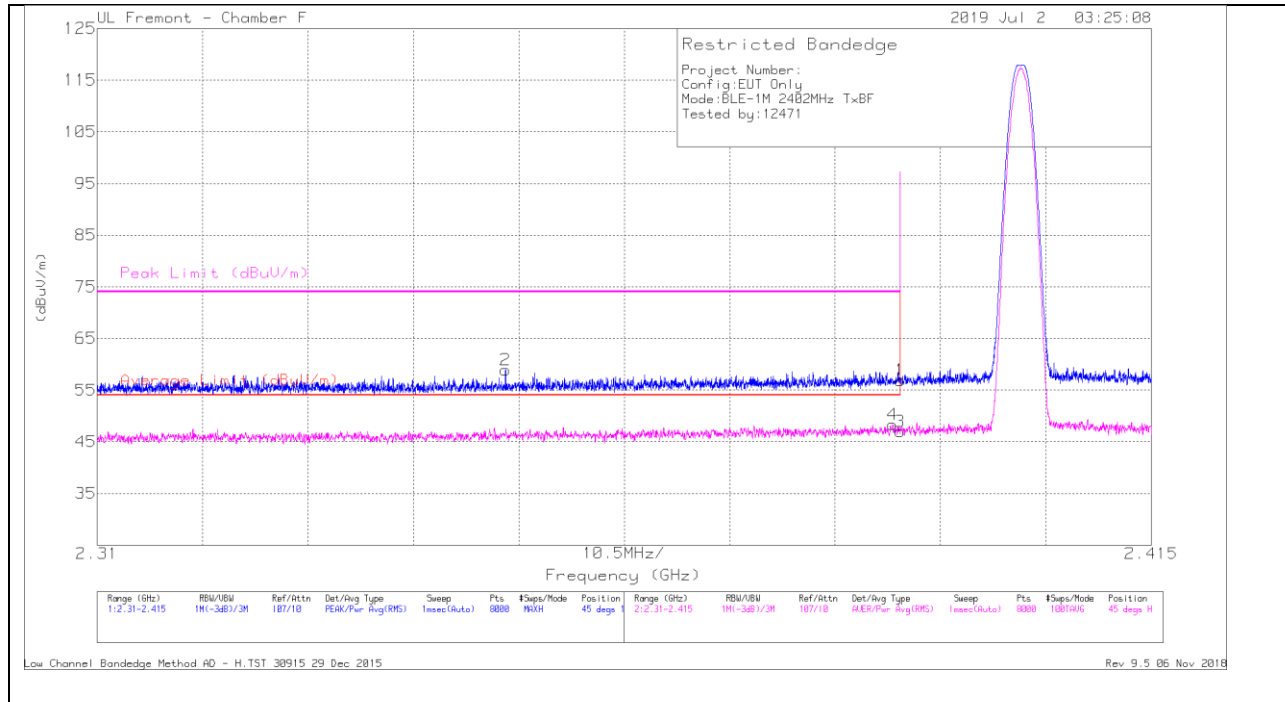
FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

9.2.5 BEAMFORMING, HIGH POWER BLE (1Mbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	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	* 2.390	39.41	Pk	32	-14.5	56.91	-	-	74	-17.09	45	125	H
2	* 2.351	41.71	Pk	31.7	-14.5	58.91	-	-	74	-15.09	45	125	H
3	* 2.390	29.47	RMS	32	-14.5	46.97	54	-7.03	-	-	45	125	H
4	* 2.389	30.81	RMS	32	-14.5	48.31	54	-5.69	-	-	45	125	H

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

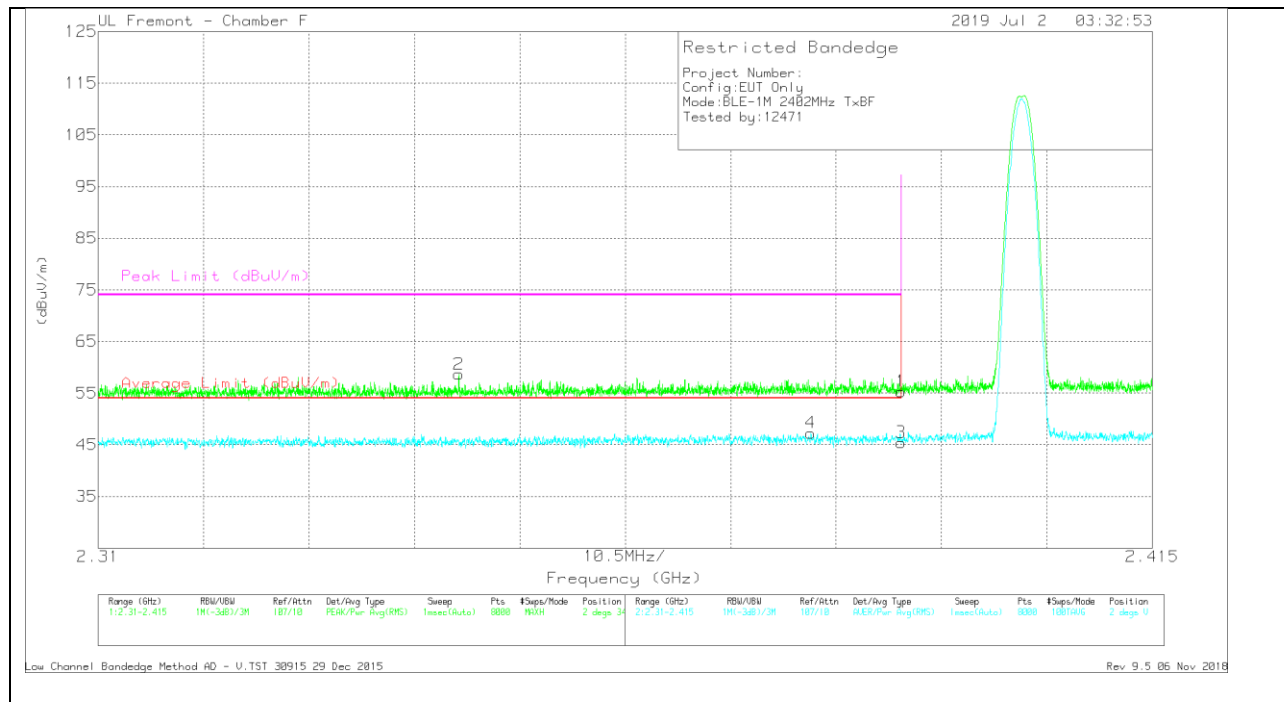
Pk - Peak detector

RMS - RMS detection

Low Channel Bandedge Method AD - H.TST 30915 29 Dec 2015

Rev 9.5 06 Nov 2018

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 2.390	37.82	Pk	32	-14.5	55.32	-	-	74	-18.68	2	345	V
2	* 2.346	41.57	Pk	31.6	-14.5	58.67	-	-	74	-15.33	2	345	V
3	* 2.390	27.93	RMS	32	-14.5	45.43	54	-8.57	-	-	2	345	V
4	* 2.381	29.89	RMS	31.9	-14.5	47.29	54	-6.71	-	-	2	345	V

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

Pk - Peak detector

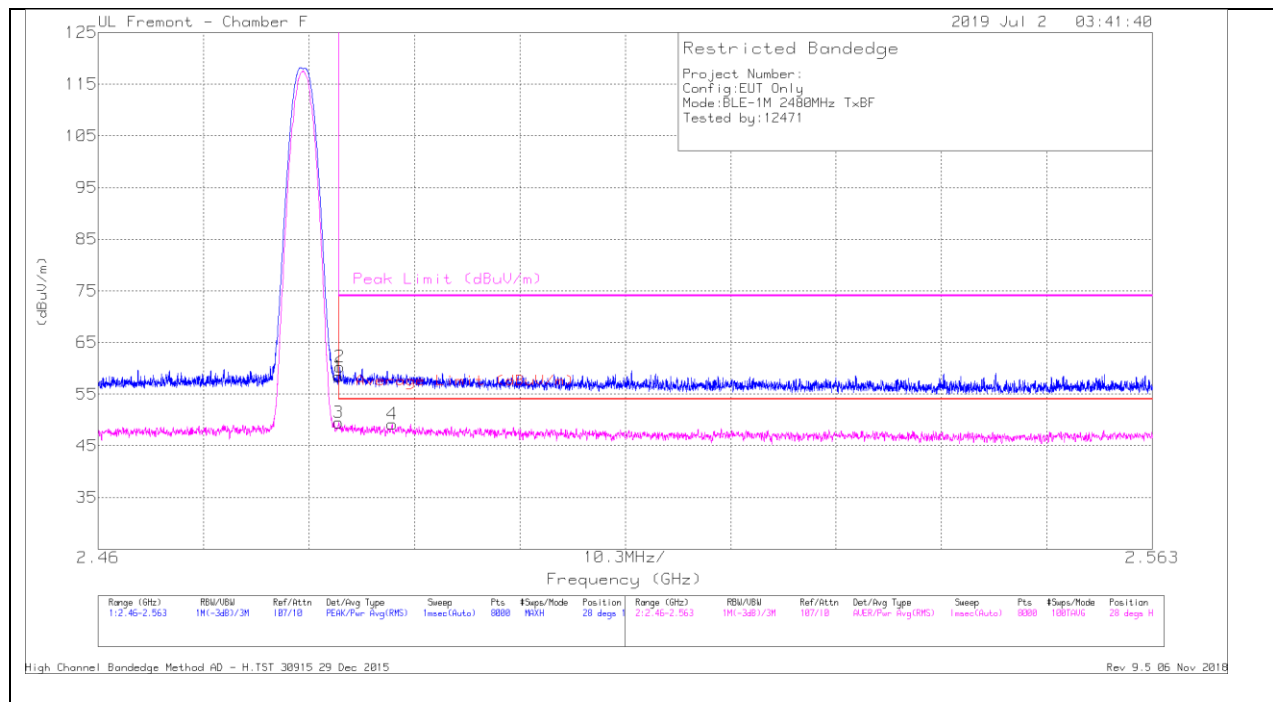
RMS - RMS detection

Low Channel Bandedge Method AD - V.TST 30915 29 Dec 2015

Rev 9.5 06 Nov 2018

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	40.71	Pk	32.4	-14.7	58.41	-	-	74	-15.59	28	117	H
2	* 2.484	42.58	Pk	32.4	-14.7	60.28	-	-	74	-13.72	28	117	H
3	* 2.484	31.79	RMS	32.4	-14.7	49.49	54	-4.51	-	-	28	117	H
4	* 2.489	31.39	RMS	32.3	-14.5	49.19	54	-4.81	-	-	28	117	H

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

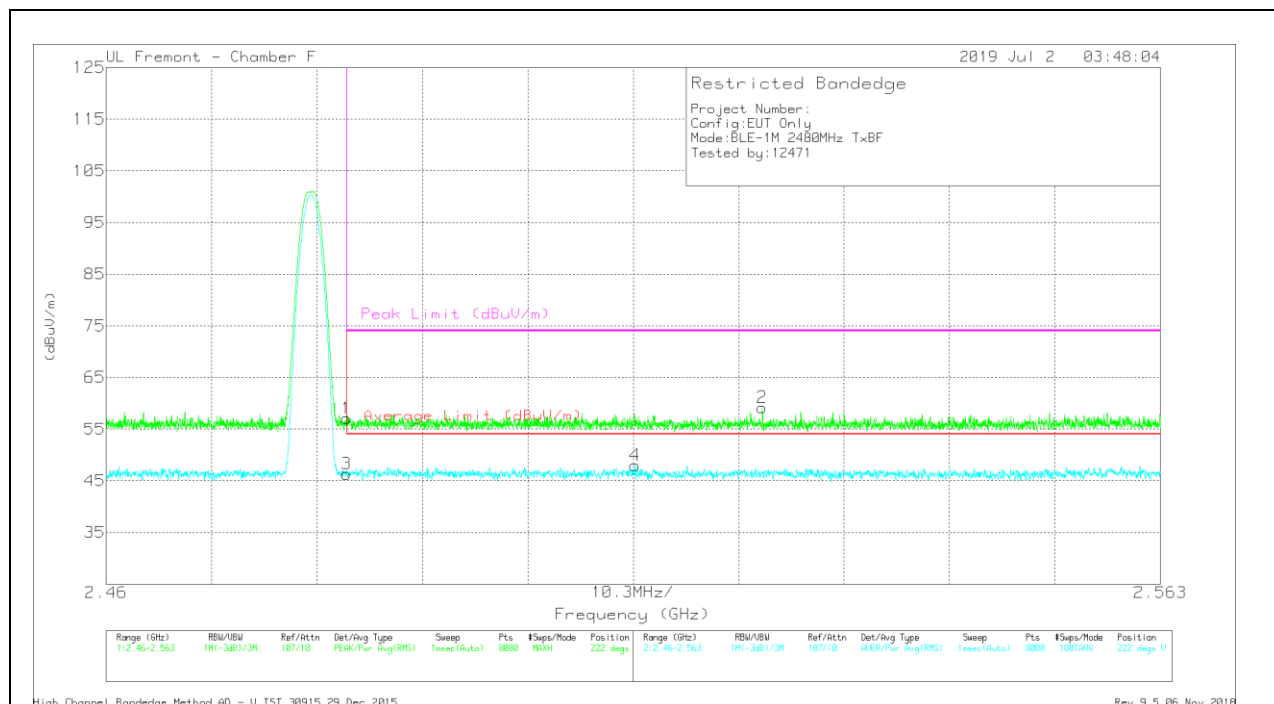
Pk - Peak detector

RMS - RMS detection

High Channel Bandedge Method AD - H.TST 30915 29 Dec 2015

Rev 9.5 06 Nov 2018

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	Ampl/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	39.39	Pk	32.4	-14.7	57.09	-	-	74	-16.91	222	292	V
2	2.524	41.26	Pk	32.4	-14.5	59.16	-	-	74	-14.84	222	292	V
3	* 2.484	28.65	RMS	32.4	-14.7	46.35	54	-7.65	-	-	222	292	V
4	2.512	30.27	RMS	32.4	-14.7	47.97	54	-6.03	-	-	222	292	V

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

Pk - Peak detector

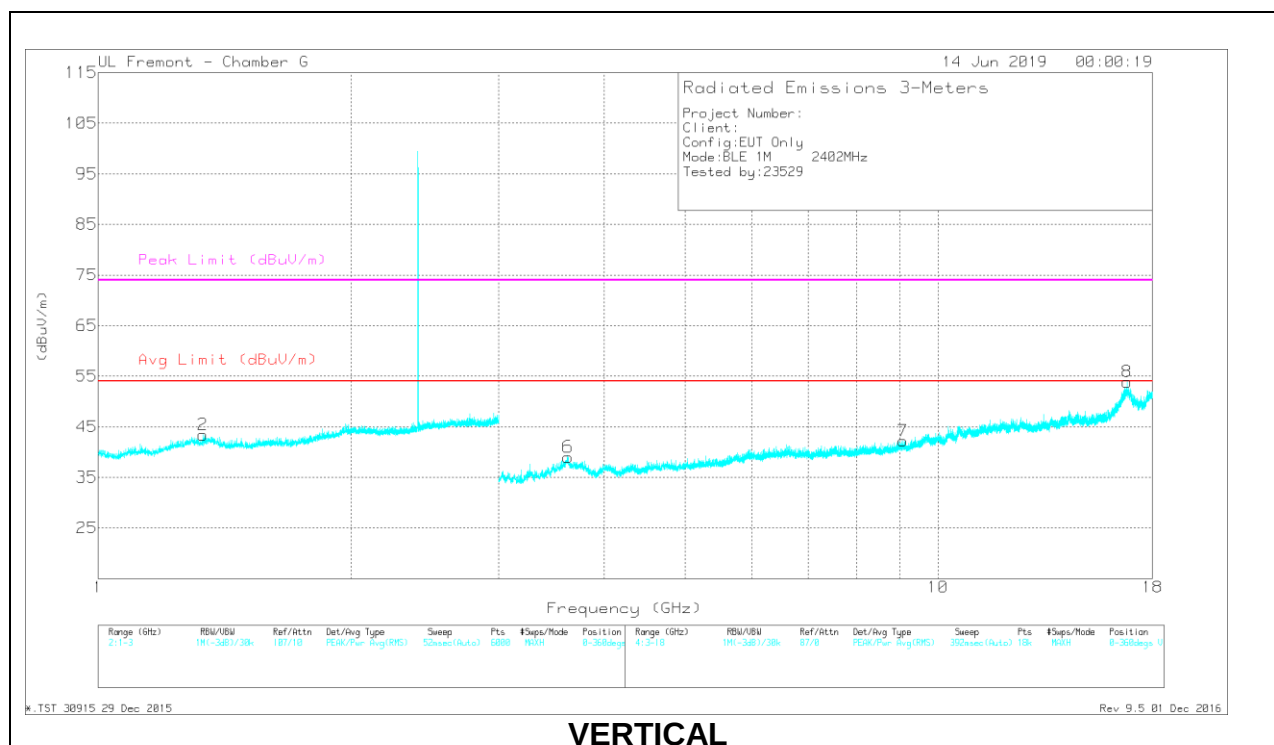
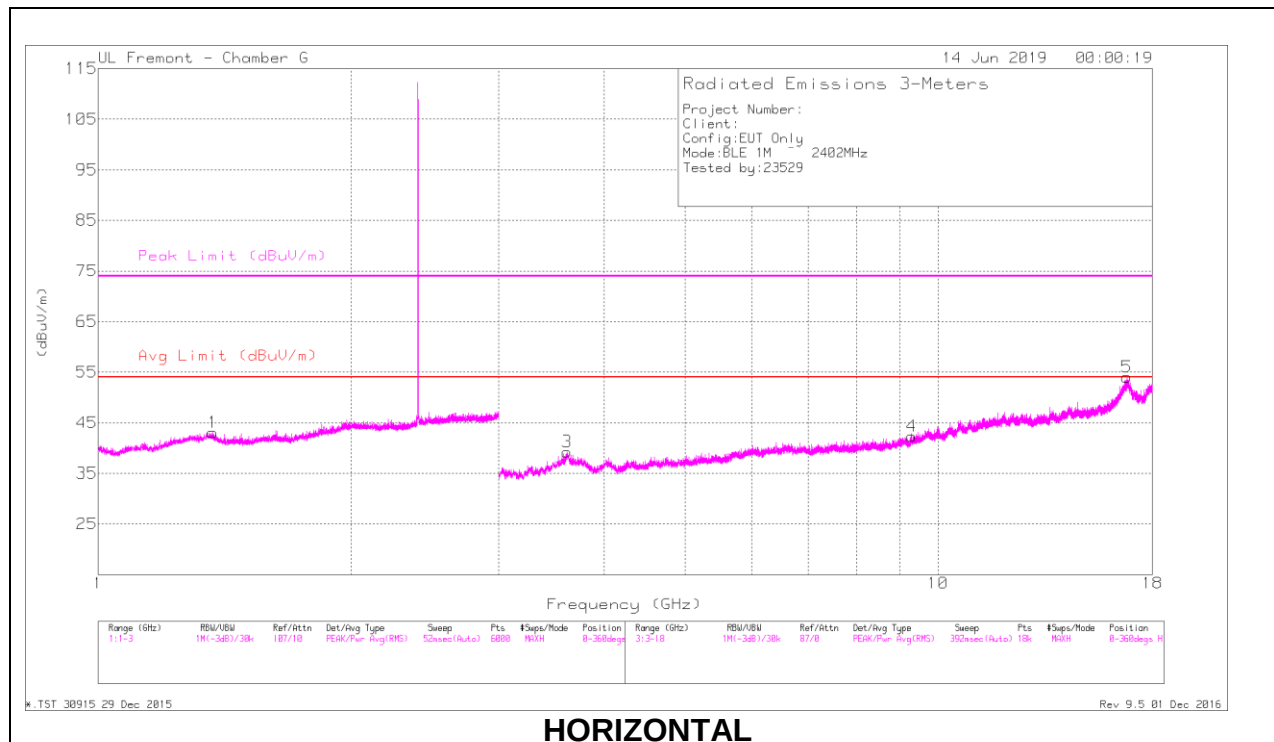
RMS - RMS detection

High Channel Bandedge Method AD - V.TST 30915 29 Dec 2015

Rev 9.5 06 Nov 2018

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 1.367	43.76	PK2	30.0	-23.2	50.56	-	-	74	-23.44	360	101	H
	* 1.367	31.94	MAV1	30.0	-23.2	38.74	54	-15.26	-	-	360	101	H
2	* 1.332	43.44	PK2	29.6	-23.4	49.64	-	-	74	-24.36	360	101	V
	* 1.331	32.32	MAV1	29.6	-23.4	38.52	54	-15.48	-	-	360	101	V
3	* 3.617	40.86	PK2	35.7	-30.1	46.46	-	-	74	-27.54	360	201	H
	* 3.617	29.60	MAV1	35.7	-30.1	35.2	54	-18.80	-	-	360	201	H
4	* 9.306	37.74	PK2	36.7	-25.4	49.04	-	-	74	-24.96	360	201	H
	* 9.305	26.71	MAV1	36.8	-25.4	38.11	54	-15.89	-	-	360	201	H
6	* 3.627	40.72	PK2	35.3	-29.8	46.22	-	-	74	-27.78	360	201	V
	* 3.625	29.43	MAV1	35.4	-29.8	35.03	54	-18.97	-	-	360	201	V
7	* 9.086	37.93	PK2	36.5	-25.3	49.13	-	-	74	-24.87	360	201	V
	* 9.084	26.77	MAV1	36.5	-25.3	37.97	54	-16.03	-	-	360	201	V
5	16.784	36.72	PK2	41.7	-17.5	60.92	-	-	-	-	103	183	H
8	16.794	35.54	PK2	41.8	-17.4	59.94	-	-	-	-	158	217	V

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

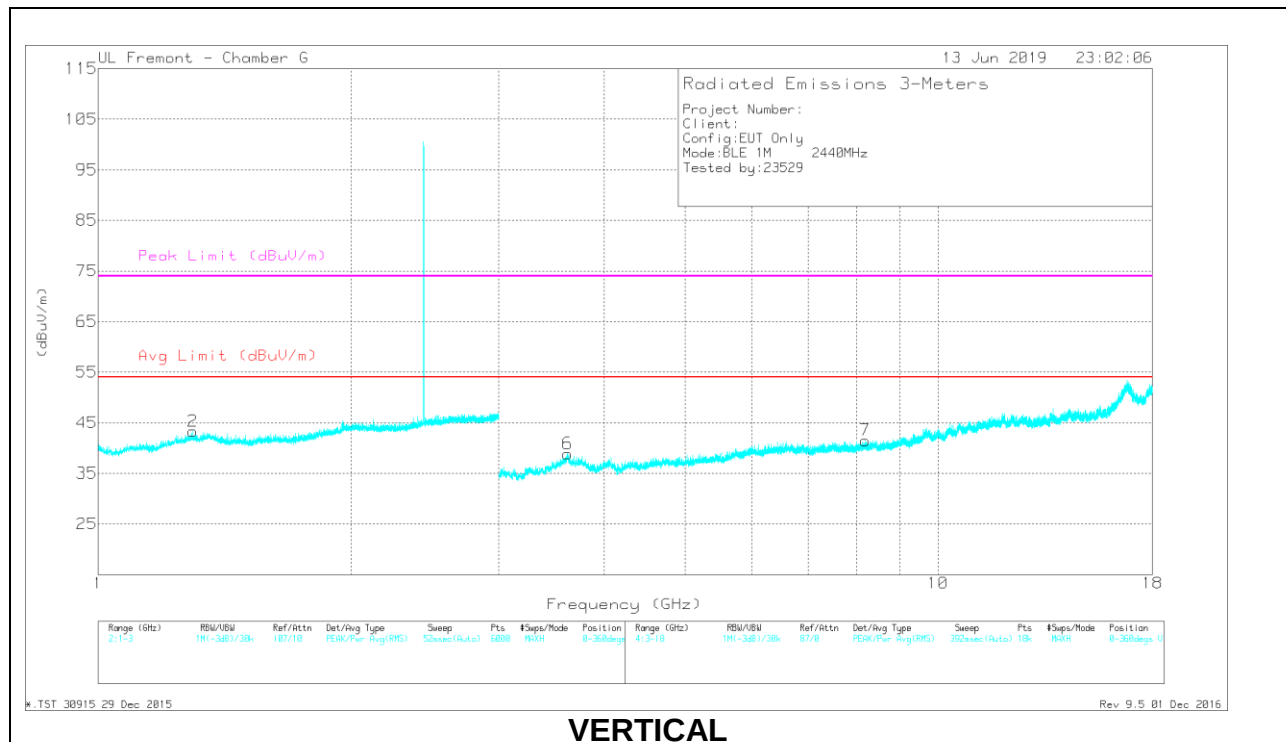
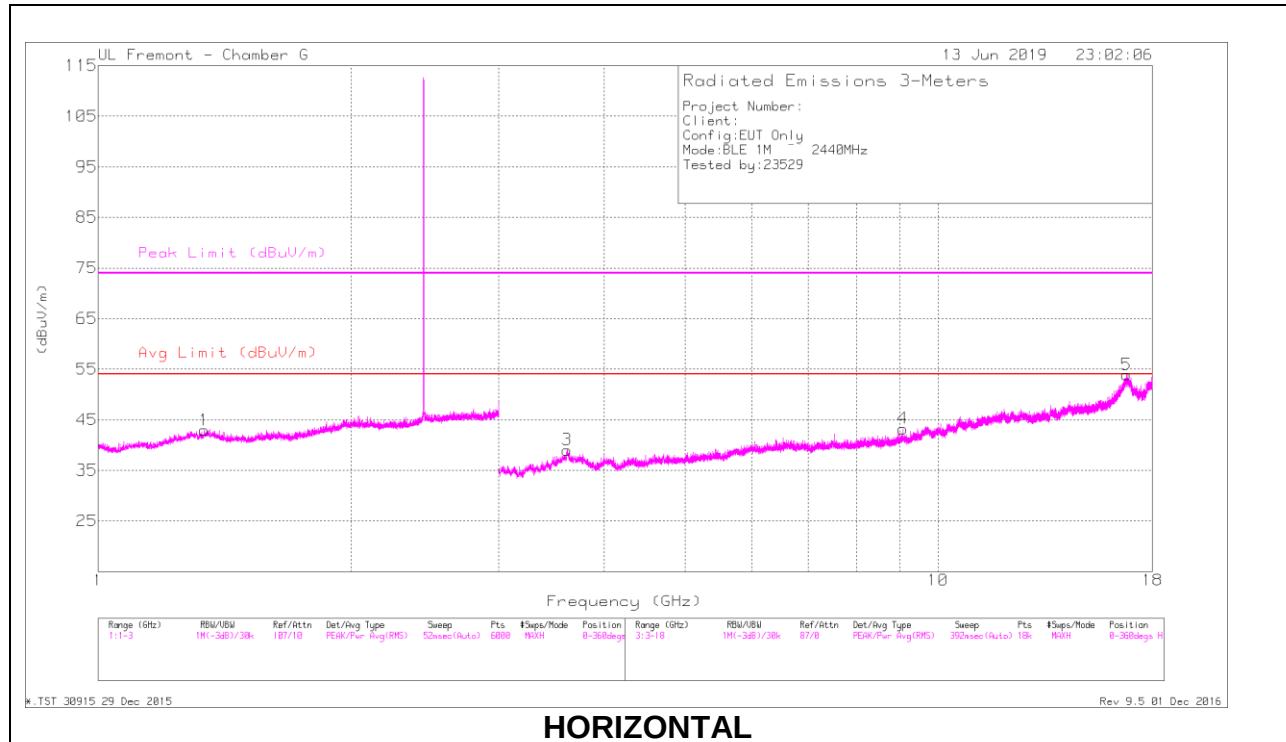
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

*.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 1.337	43.59	PK2	29.8	-23.3	50.09	-	-	74	-23.91	360	202	H
	* 1.339	31.88	MAV1	29.9	-23.3	38.48	54	-15.52	-	-	360	202	H
2	* 1.298	43.90	PK2	29.7	-23.5	50.10	-	-	74	-23.90	360	202	V
	* 1.296	32.20	MAV1	29.8	-23.5	38.50	54	-15.50	-	-	360	202	V
3	* 3.617	40.78	PK2	35.7	-30.1	46.38	-	-	74	-27.62	360	202	H
	* 3.619	29.91	MAV1	35.7	-30.0	35.61	54	-18.39	-	-	360	202	H
4	* 9.085	37.53	PK2	36.5	-25.3	48.73	-	-	74	-25.27	360	202	H
	* 9.084	26.89	MAV1	36.5	-25.3	38.09	54	-15.91	-	-	360	202	H
6	* 3.623	39.88	PK2	35.6	-29.9	45.58	-	-	74	-28.42	360	101	V
	* 3.625	29.06	MAV1	35.5	-29.8	34.76	54	-19.24	-	-	360	101	V
7	* 8.196	38.47	PK2	36.1	-26.5	48.07	-	-	74	-25.93	360	202	V
	* 8.198	27.32	MAV1	36.1	-26.5	36.92	54	-17.08	-	-	360	202	V
5	16.775	37.24	PK2	41.8	-17.8	61.24	-	-	-	-	218	185	H

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

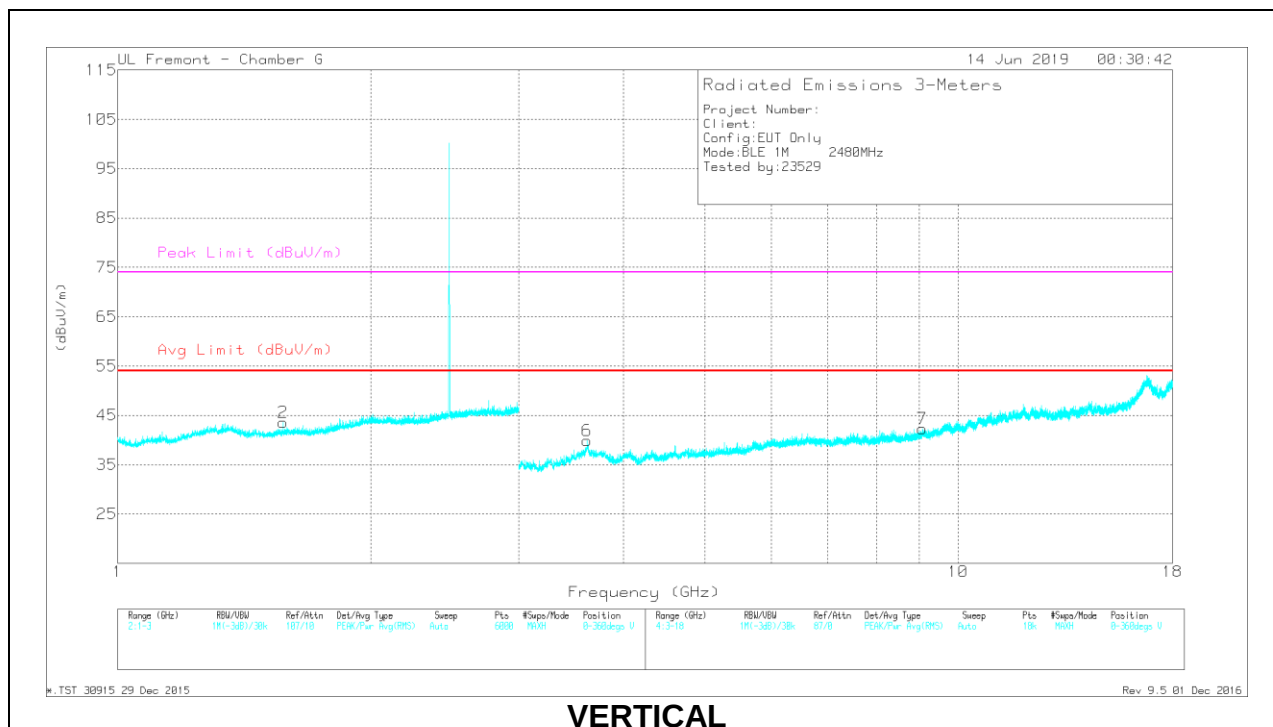
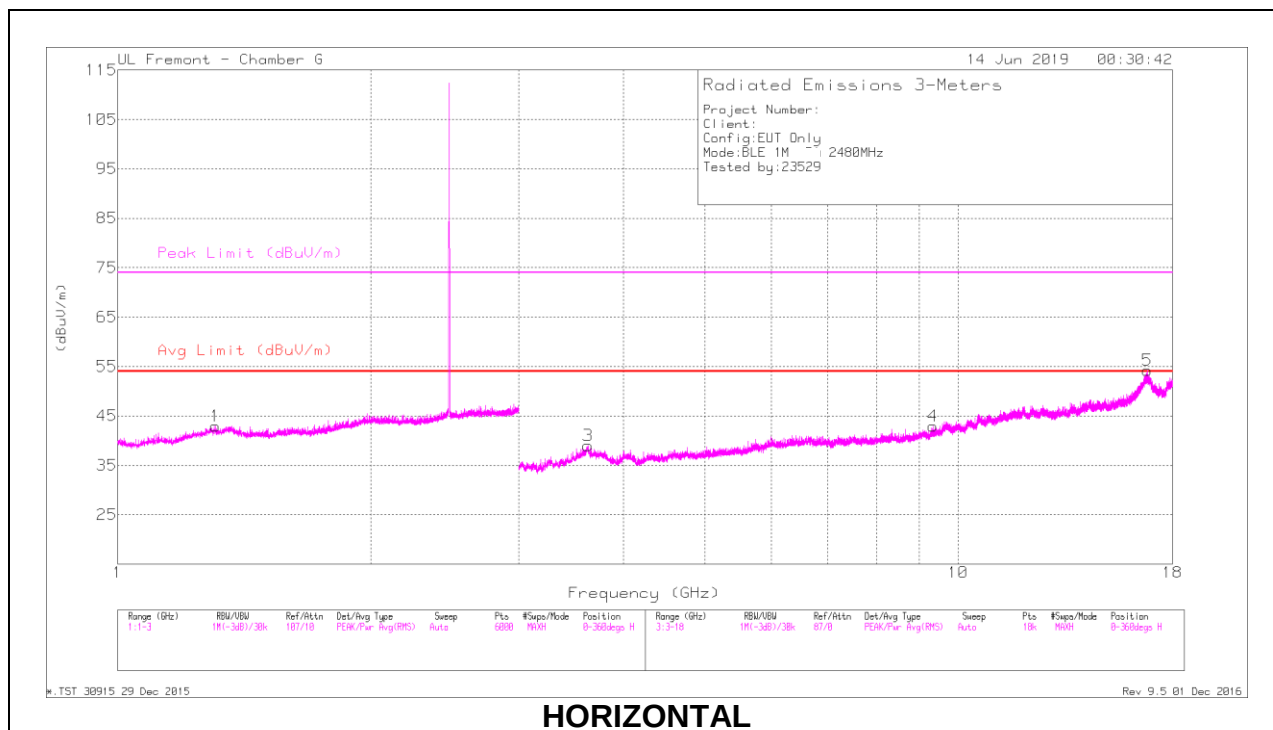
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

*.TST 30915 29 Dec 2015

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HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 1.307	43.79	PK2	29.8	-23.5	50.09	-	-	74	-23.91	0	202	H
	* 1.307	32.04	MAV1	29.9	-23.5	38.44	54	-15.56	-	-	0	202	H
2	* 1.571	42.68	PK2	27.9	-21.4	49.18	-	-	74	-24.82	0	101	V
	* 1.571	31.09	MAV1	27.9	-21.4	37.59	54	-16.41	-	-	0	101	V
3	* 3.629	41.22	PK2	35.2	-29.7	46.72	-	-	74	-27.28	0	202	H
	* 3.628	29.30	MAV1	35.3	-29.8	34.80	54	-19.20	-	-	0	202	H
4	* 9.349	37.95	PK2	36.8	-25.3	49.45	-	-	74	-24.55	0	202	H
	* 9.347	26.62	MAV1	36.9	-25.3	38.22	54	-15.78	-	-	0	202	H
6	* 3.618	40.28	PK2	35.7	-30.1	45.88	-	-	74	-28.12	0	202	V
	* 3.618	29.45	MAV1	35.7	-30.1	35.05	54	-18.95	-	-	0	202	V
7	* 9.073	38.13	PK2	36.5	-25.2	49.43	-	-	74	-24.57	0	101	V
	* 9.072	26.42	MAV1	36.5	-25.2	37.72	54	-16.28	-	-	0	101	V
5	16.795	36.07	PK2	41.8	-17.4	60.47	-	-	-	-	247	167	H

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

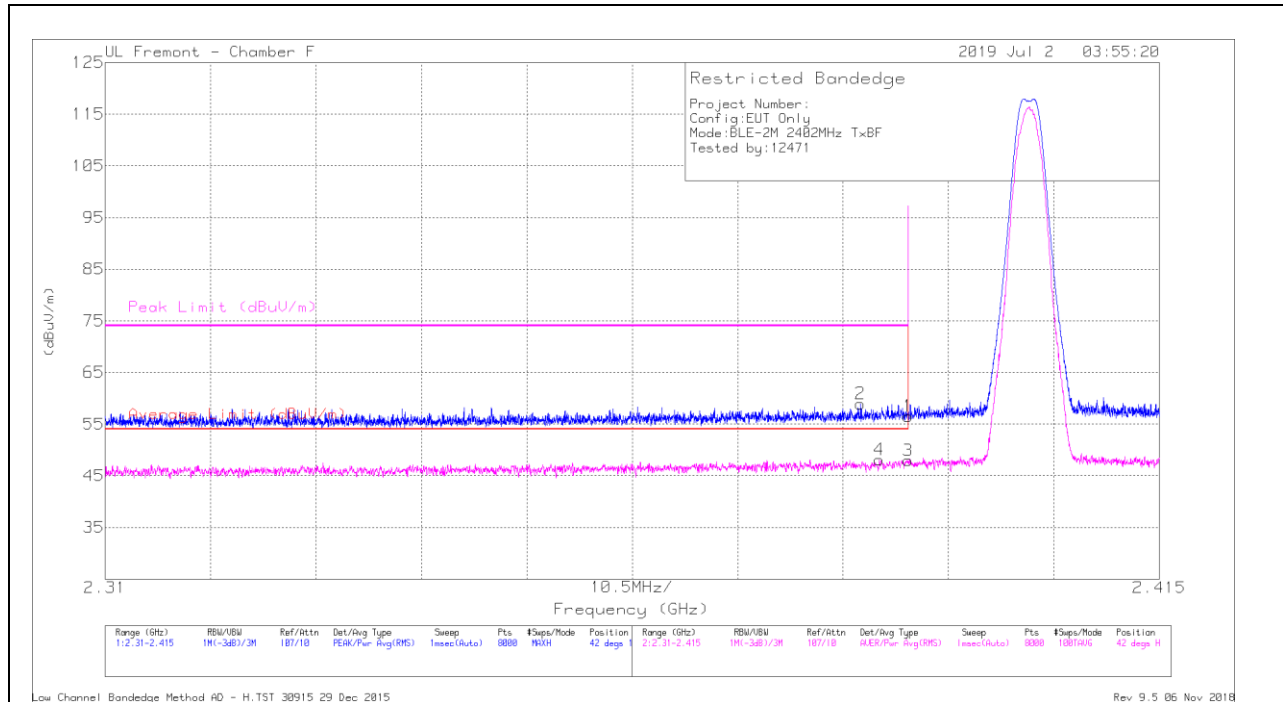
*.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

9.2.6 BEAMFORMING, HIGH POWER BLE (2Mbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Ampl/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	* 2.390	39.02	Pk	32	-14.5	56.52	-	-	74	-17.48	42	125	H
2	* 2.385	41.54	Pk	31.9	-14.5	58.94	-	-	74	-15.06	42	125	H
3	* 2.390	30.45	RMS	32	-14.5	47.95	54	-6.05	-	-	42	125	H
4	* 2.387	30.7	RMS	31.9	-14.5	48.10	54	-5.90	-	-	42	125	H

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

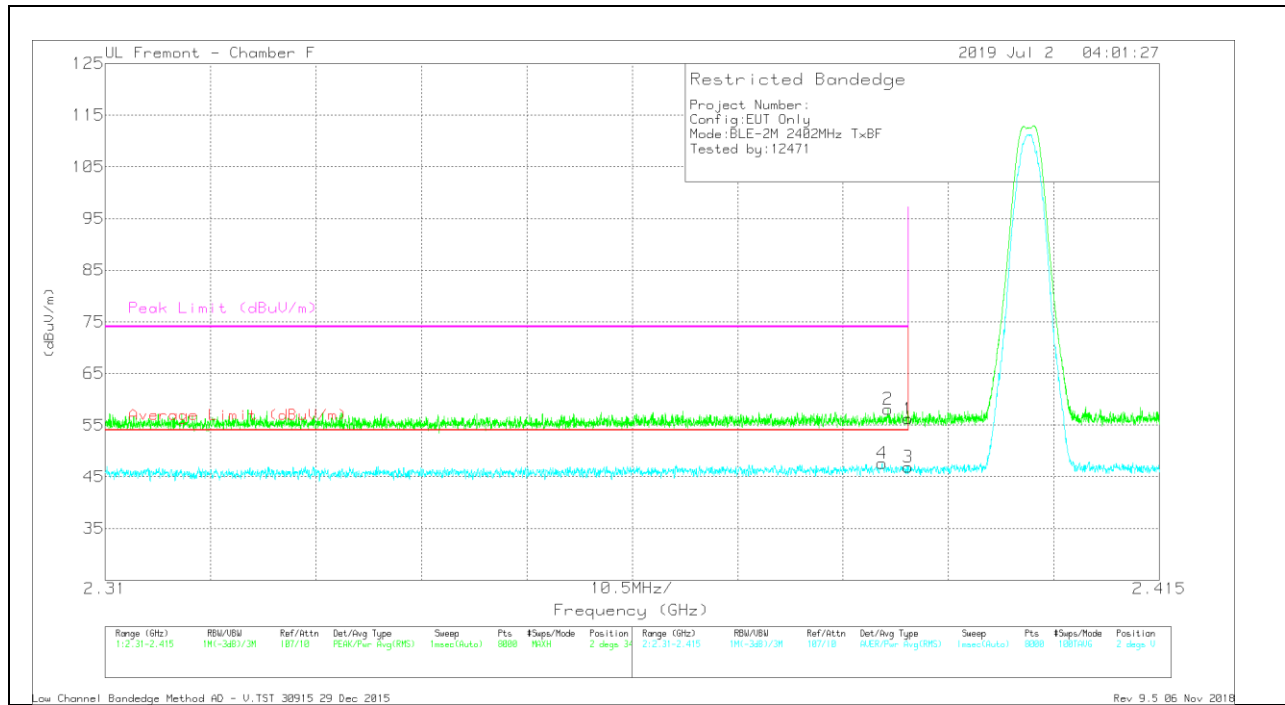
Pk - Peak detector

RMS - RMS detection

Low Channel Bandedge Method AD - H.TST 30915 29 Dec 2015

Rev 9.5 06 Nov 2018

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Ampl/Chl/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	* 2.390	38.73	Pk	32	-14.5	56.23	-	-	74	-17.77	2	342	V
2	* 2.388	40.60	Pk	32	-14.5	58.10	-	-	74	-15.90	2	342	V
3	* 2.390	29.38	RMS	32	-14.5	46.88	54	-7.12	-	-	2	342	V
4	* 2.387	30.21	RMS	31.9	-14.5	47.61	54	-6.39	-	-	2	342	V

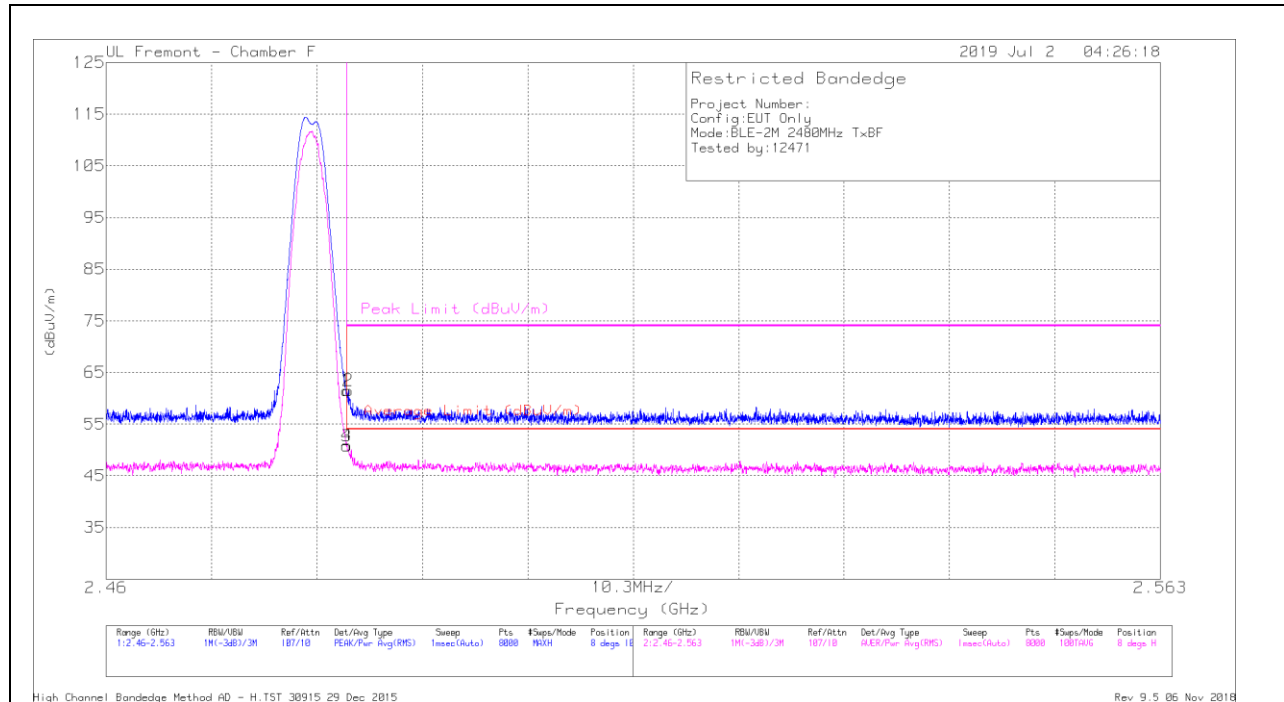
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

Low Channel Bandedge Method AD - V.TST 30915 29 Dec 2015

Rev 9.5 06 Nov 2018

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	43.74	Pk	32.4	-14.7	61.44	-	-	74	-12.56	8	103	H
2	* 2.484	43.79	Pk	32.4	-14.7	61.49	-	-	74	-12.51	8	103	H
3	* 2.484	33.05	RMS	32.4	-14.7	50.75	54	-3.25	-	-	8	103	H
4	* 2.484	33.14	RMS	32.4	-14.7	50.84	54	-3.16	-	-	8	103	H

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

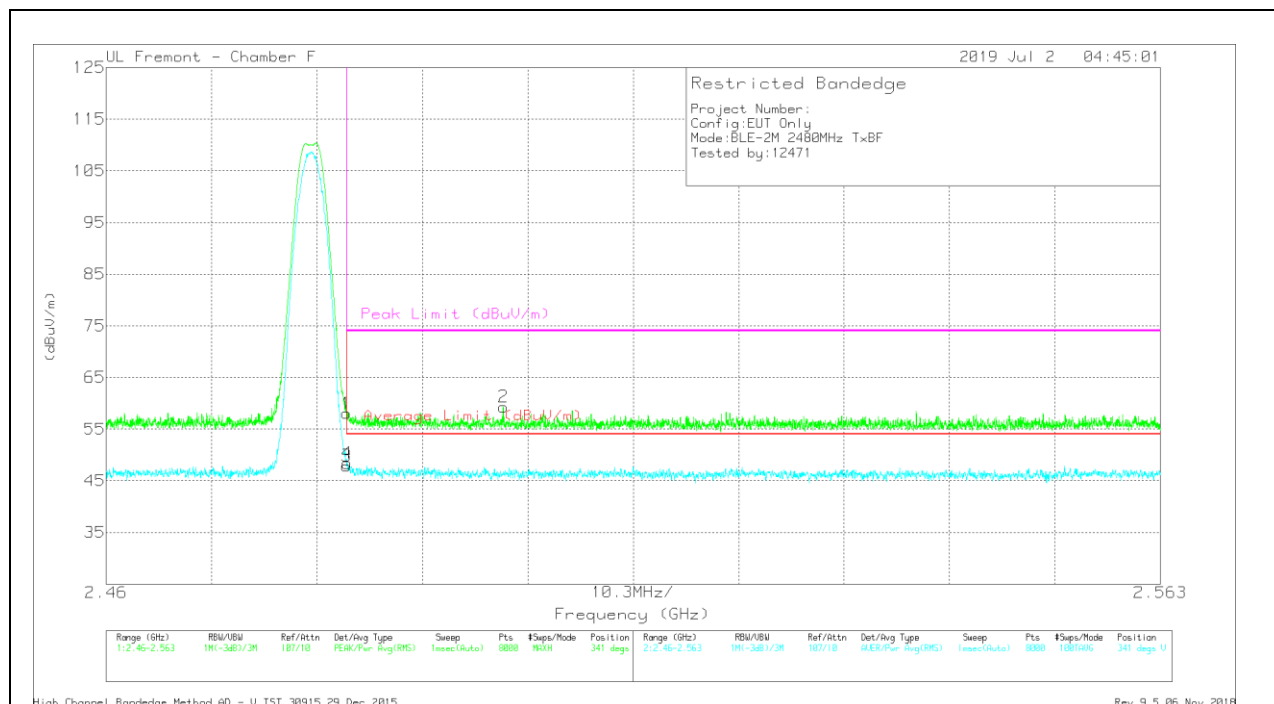
Pk - Peak detector

RMS - RMS detection

High Channel Bandedge Method AD - H.TST 30915 29 Dec 2015

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	Ampl/Chl/Filtr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.36	Pk	32.4	-14.7	58.06	-	-	74	-15.94	341	370	V
2	* 2.499	41.61	Pk	32.4	-14.7	59.31	-	-	74	-14.69	341	370	V
3	* 2.484	30.15	RMS	32.4	-14.7	47.85	54	-6.15	-	-	341	370	V
4	* 2.484	30.71	RMS	32.4	-14.7	48.41	54	-5.59	-	-	341	370	V

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

Pk - Peak detector

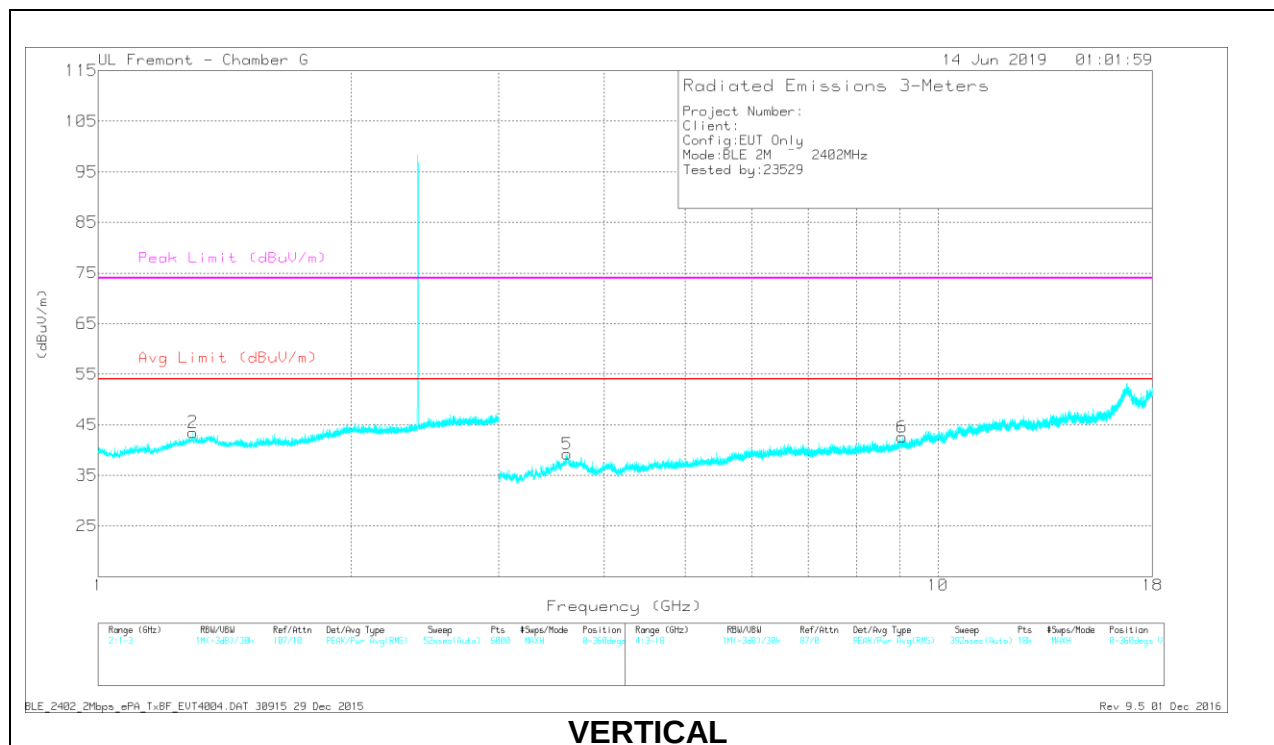
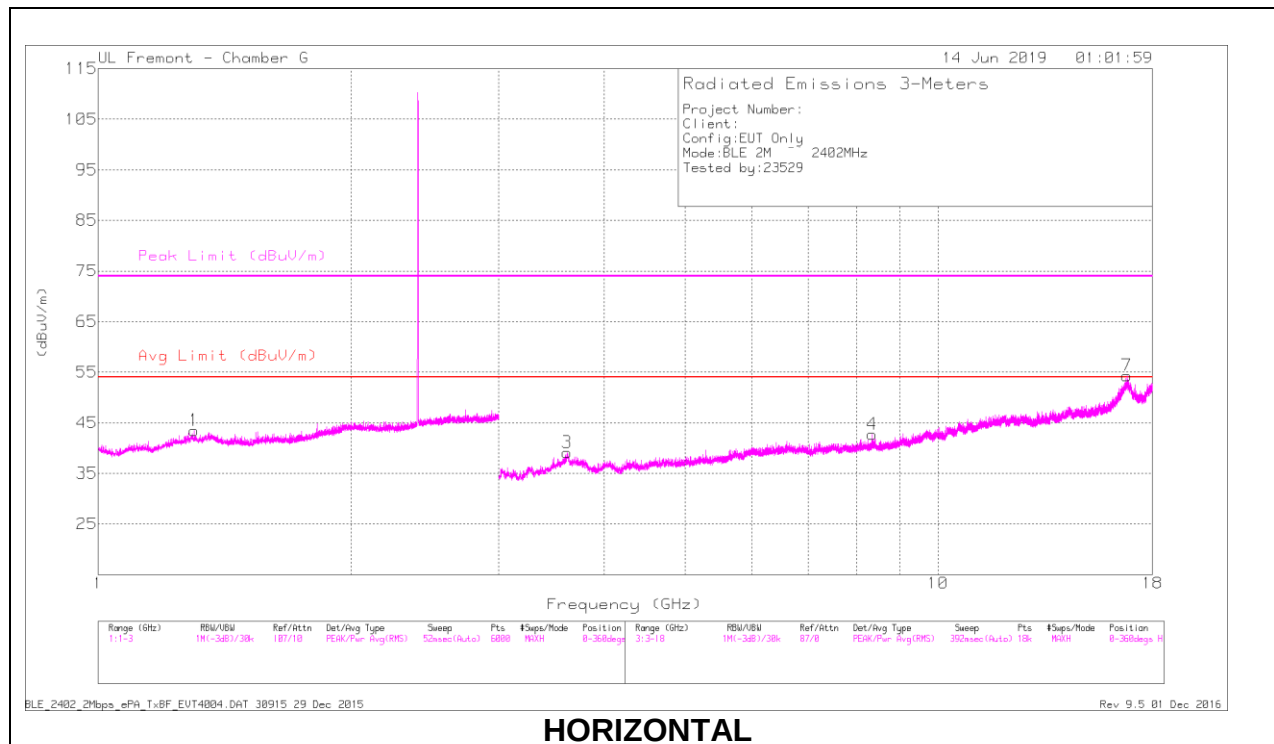
RMS - RMS detection

High Channel Bandedge Method AD - V.TST 30915 29 Dec 2015

Rev 9.5 06 Nov 2018

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 1.300	43.99	PK2	29.6	-23.5	50.09	-	-	74	-23.91	360	201	H
	* 1.300	31.85	MAv1	29.6	-23.5	37.95	54	-16.05	-	-	360	201	H
2	* 1.295	44	PK2	29.9	-23.5	50.40	-	-	74	-23.60	174	224	V
	* 1.295	32.47	MAv1	29.9	-23.5	38.87	54	-15.13	-	-	174	224	V
4	* 8.352	39.18	PK2	36.1	-26.4	48.88	-	-	74	-25.12	268	185	H
	* 8.349	27.67	MAv1	36.1	-26.5	37.27	54	-16.73	-	-	268	185	H
3	* 3.620	41.25	PK2	35.7	-30.0	46.95	-	-	74	-27.05	0	101	H
	* 3.620	30.04	MAv1	35.7	-30.0	35.74	54	-18.26	-	-	0	101	H
6	* 9.065	37.14	PK2	36.5	-25.2	48.44	-	-	74	-25.56	360	101	V
	* 9.064	26.3	MAv1	36.5	-25.2	37.60	54	-16.40	-	-	360	101	V
5	* 3.615	42.17	PK2	35.6	-30.1	47.67	-	-	74	-26.33	158	204	V
	* 3.616	29.92	MAv1	35.6	-30.1	35.42	54	-18.58	-	-	158	204	V
7	16.789	36.76	PK2	41.7	-17.4	61.06	-	-	-	-	216	168	H

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

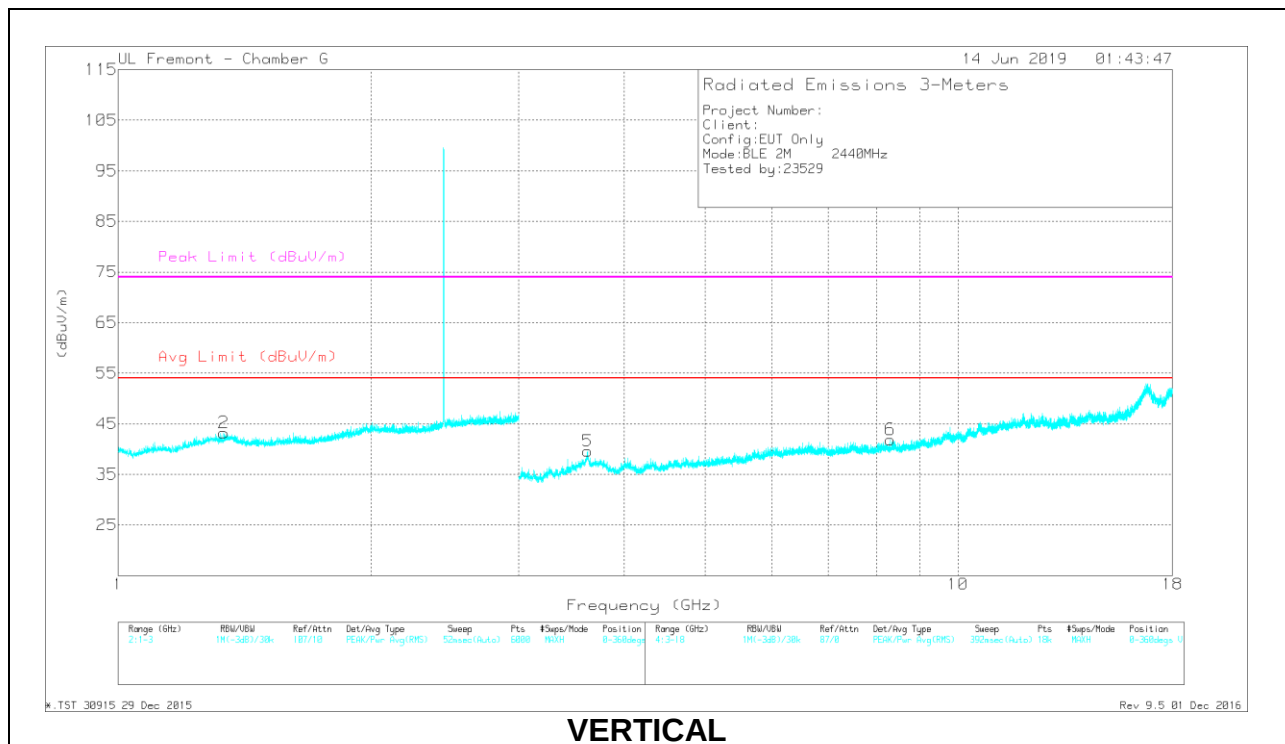
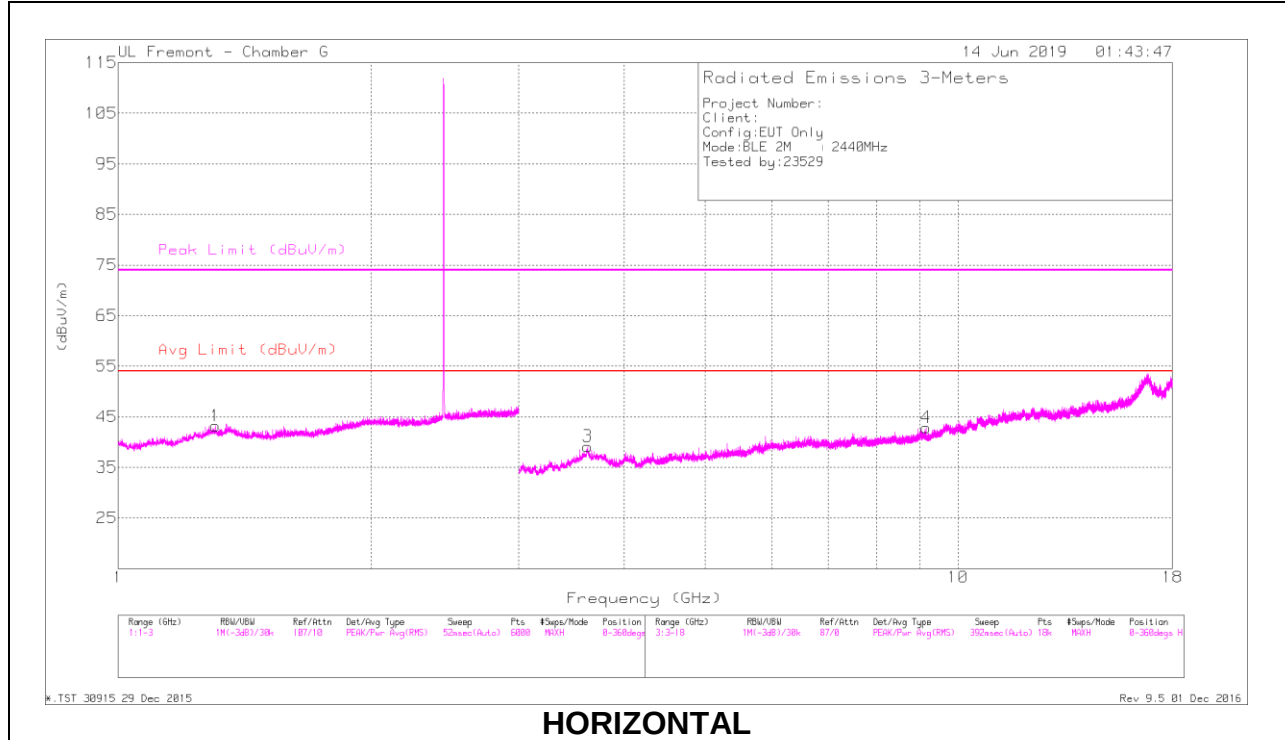
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

BLE_2402_2Mbps_ePA_TxBF_EVT4004.DAT 30915 29 Dec 2015

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MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 1.304	43.62	PK2	29.8	-23.5	49.92	-	-	74	-24.08	0	101	H
	* 1.306	31.97	MAV1	29.8	-23.5	38.27	54	-15.73	-	-	0	101	H
2	* 1.335	43.39	PK2	29.7	-23.3	49.79	-	-	74	-24.21	103	138	V
	* 1.338	31.97	MAV1	29.8	-23.3	38.47	54	-15.53	-	-	103	138	V
3	* 3.622	41.37	PK2	35.7	-29.9	47.17	-	-	74	-26.83	122	163	H
	* 3.622	30.22	MAV1	35.6	-29.9	35.92	54	-18.08	-	-	122	163	H
4	* 9.161	38.19	PK2	36.5	-26.1	48.59	-	-	74	-25.41	219	114	H
	* 9.158	27.12	MAV1	36.5	-26.1	37.52	54	-16.48	-	-	219	114	H
5	* 3.622	40.42	PK2	35.6	-29.9	46.12	-	-	74	-27.88	199	168	V
	* 3.62	29.32	MAV1	35.7	-30	35.02	54	-18.98	-	-	199	168	V
6	* 8.308	39.39	PK2	36.1	-26.9	48.59	-	-	74	-25.41	177	215	V
	* 8.310	27.87	MAV1	36.1	-26.9	37.07	54	-16.93	-	-	177	215	V

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

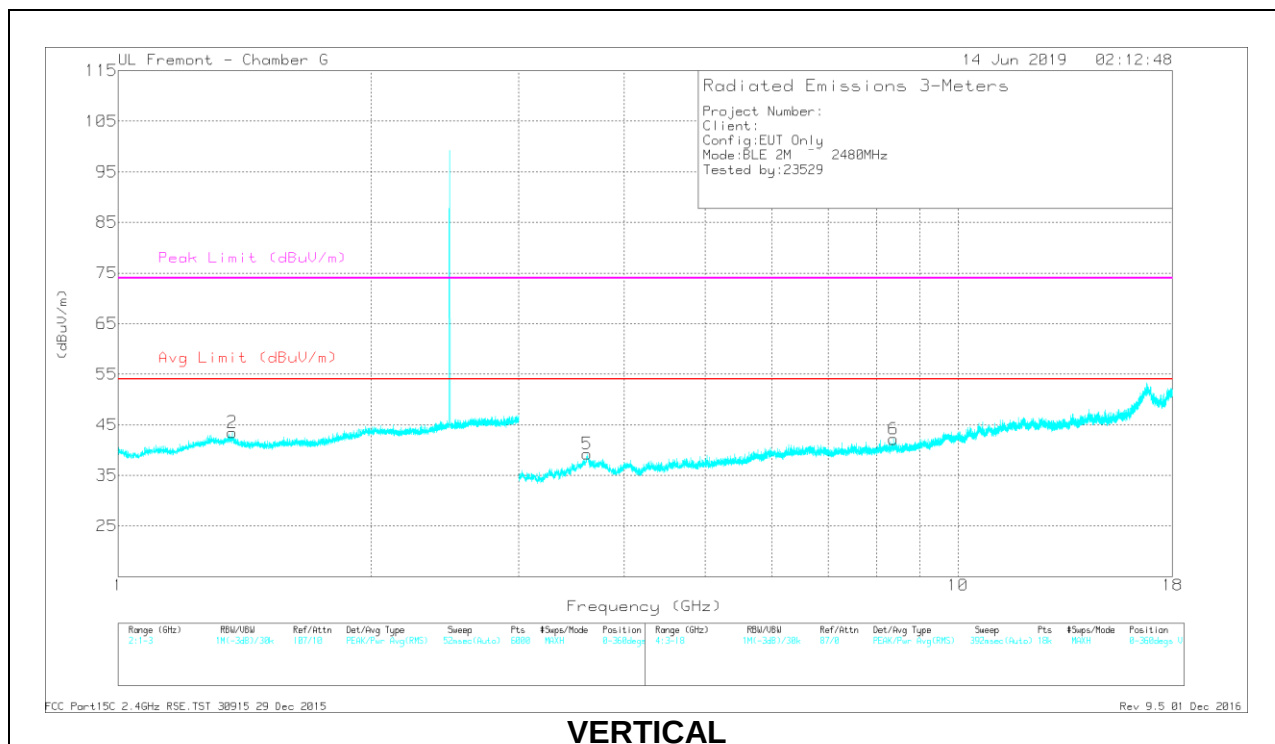
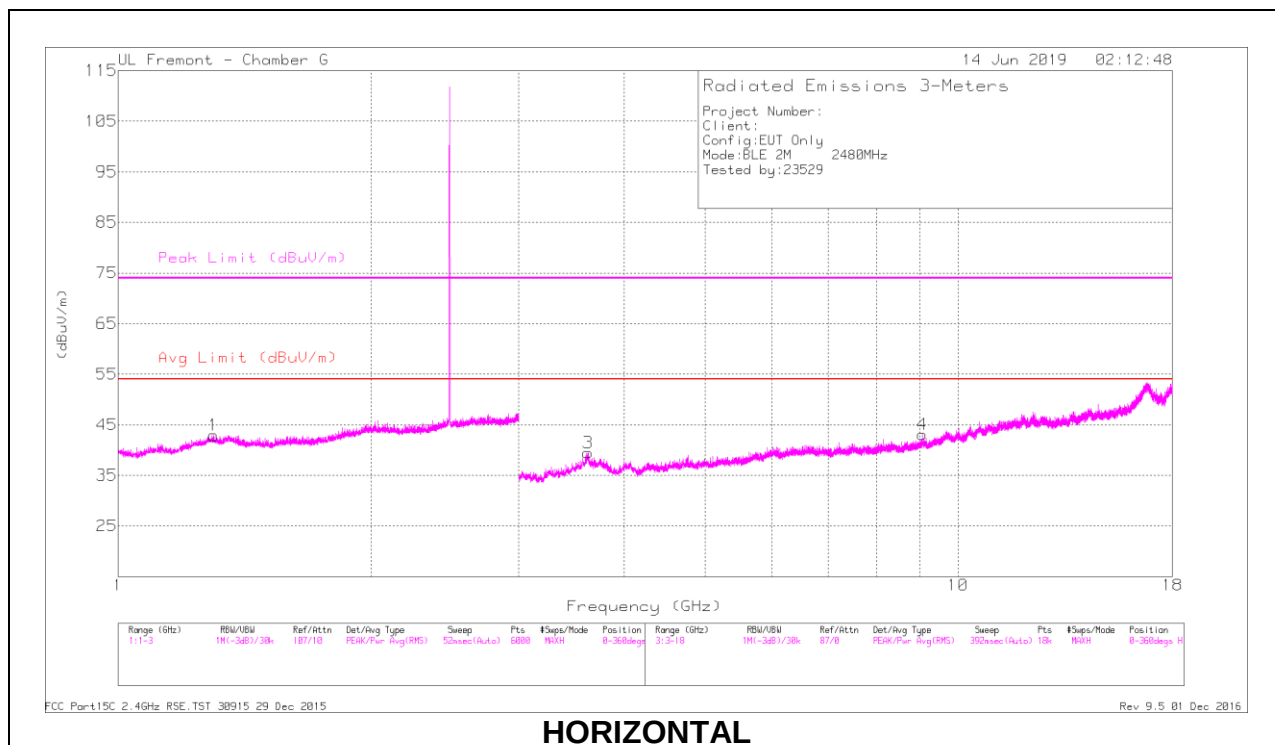
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

*.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 1.299	43.62	PK2	29.7	-23.5	49.82	-	-	74	-24.18	0	201	H
	* 1.299	32	MAV1	29.7	-23.5	38.20	54	-15.80	-	-	0	201	H
2	* 1.368	43.79	PK2	30	-23.2	50.59	-	-	74	-23.41	237	163	V
	* 1.369	32.13	MAV1	30	-23.2	38.93	54	-15.07	-	-	237	163	V
3	* 3.629	41.12	PK2	35.2	-29.7	46.62	-	-	74	-27.38	195	208	H
	* 3.628	29.53	MAV1	35.2	-29.7	35.03	54	-18.97	-	-	195	208	H
4	* 9.071	37.47	PK2	36.5	-25.2	48.77	-	-	74	-25.23	23	221	H
	* 9.071	26.62	MAV1	36.5	-25.2	37.92	54	-16.08	-	-	23	221	H
5	* 3.618	41.07	PK2	35.7	-30.1	46.67	-	-	74	-27.33	162	184	V
	* 3.617	29.56	MAV1	35.7	-30.1	35.16	54	-18.84	-	-	162	184	V
6	* 8.384	38.67	PK2	36.2	-26.2	48.67	-	-	74	-25.33	144	204	V
	* 8.383	27.49	MAV1	36.2	-26.2	37.49	54	-16.51	-	-	144	204	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

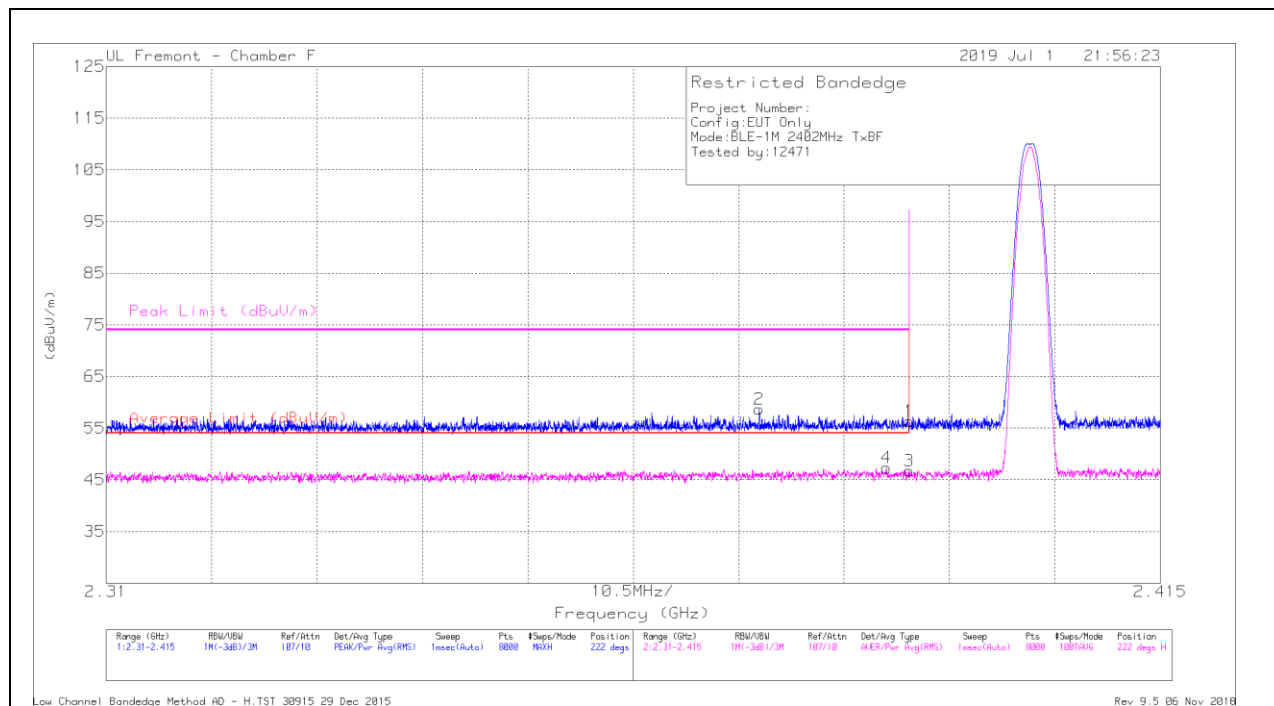
FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

9.2.7 BEAMFORMING, LOW POWER BLE (1Mbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Ampl/Chl/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	* 2.390	38.82	Pk	32	-14.5	56.32	-	-	74	-17.68	222	109	H
2	* 2.375	41.17	Pk	31.9	-14.4	58.67	-	-	74	-15.33	222	109	H
3	* 2.390	29.22	RMS	32	-14.5	46.72	54	-7.28	-	-	222	109	H
4	* 2.388	29.91	RMS	31.9	-14.5	47.31	54	-6.69	-	-	222	109	H

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

Pk - Peak detector

RMS - RMS detection

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Ampl/Chl/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	* 2.390	37.49	Pk	32	-14.5	54.99	-	-	74	-19.01	190	340	V
2	* 2.382	40.32	Pk	31.9	-14.5	57.72	-	-	74	-16.28	190	340	V
3	* 2.390	28.25	RMS	32	-14.5	45.75	54	-8.25	-	-	190	340	V
4	* 2.364	29.61	RMS	31.8	-14.4	47.01	54	-6.99	-	-	190	340	V

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

Pk - Peak detector

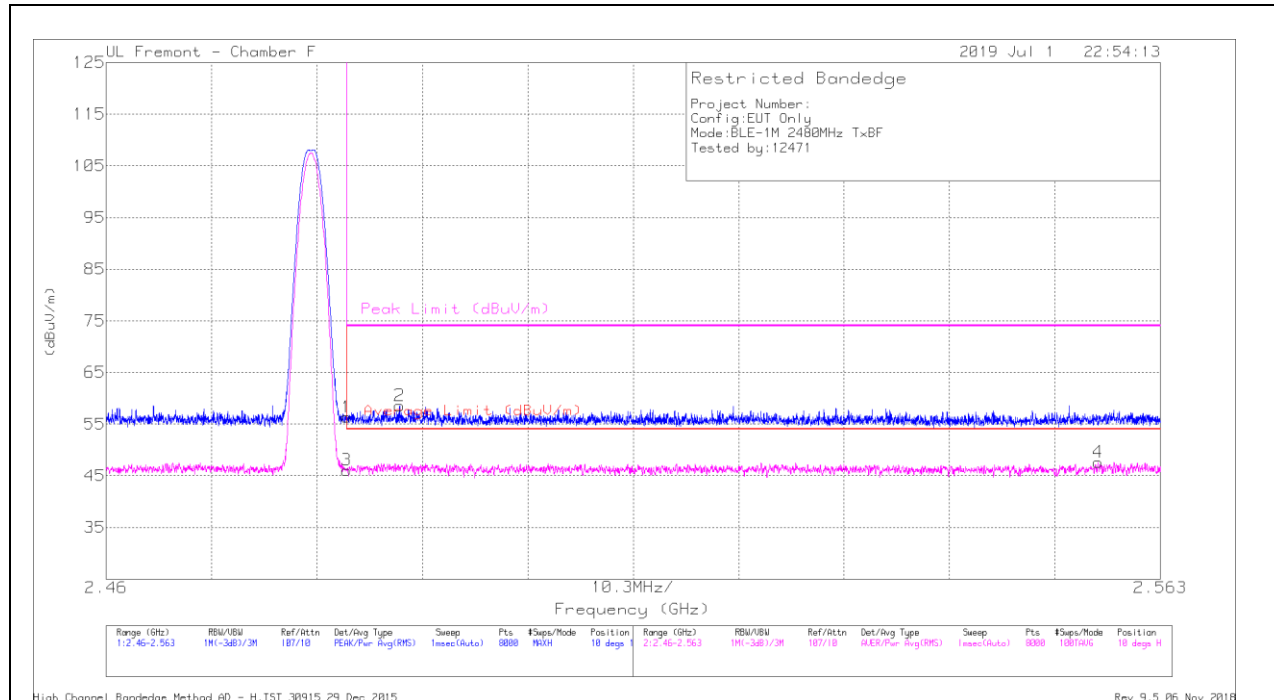
RMS - RMS detection

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BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	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	38.63	Pk	32.4	-14.7	56.33	-	-	74	-17.67	10	117	H
2	* 2.489	40.76	Pk	32.3	-14.5	58.56	-	-	74	-15.44	10	117	H
3	* 2.484	28.37	RMS	32.4	-14.7	46.07	54	-7.93	-	-	10	117	H
4	2.557	29.83	RMS	32.3	-14.5	47.63	54	-6.37	-	-	10	117	H

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

Pk - Peak detector

RMS - RMS detection

High Channel Bandedge Method AD - H.TST 30915 29 Dec 2015

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	Ampl/Cbl/Filtr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	38.37	Pk	32.4	-14.7	56.07	-	-	74	-17.93	103	358	V
2	2.513	40.75	Pk	32.4	-14.7	58.45	-	-	74	-15.55	103	358	V
3	* 2.484	27.92	RMS	32.4	-14.7	45.62	54	-8.38	-	-	103	358	V
4	* 2.492	30.06	RMS	32.3	-14.7	47.66	54	-6.34	-	-	103	358	V

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

Pk - Peak detector

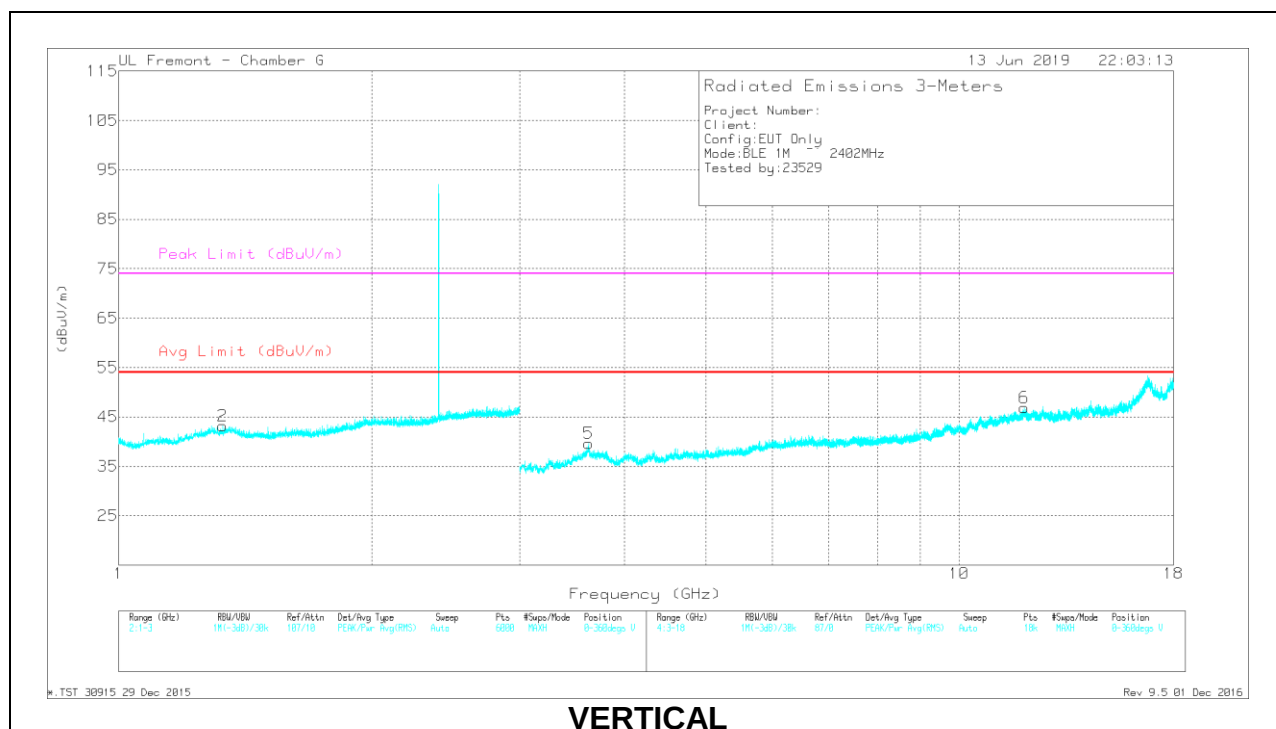
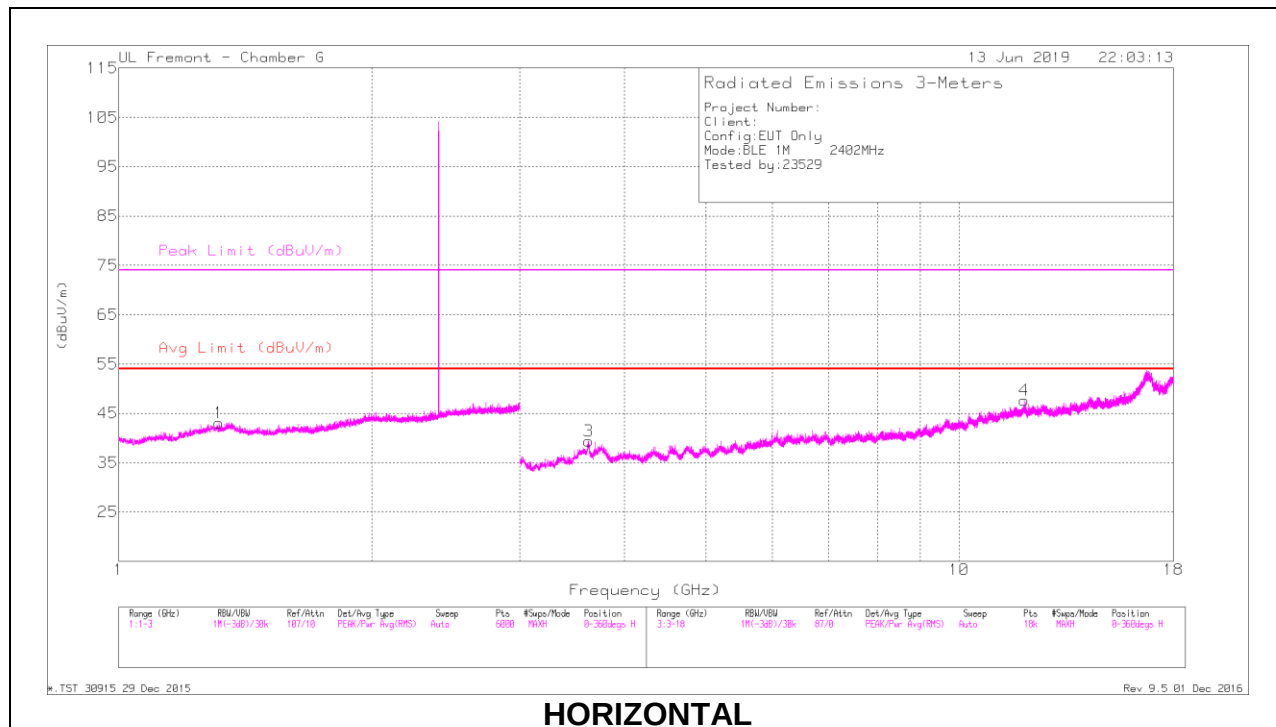
RMS - RMS detection

High Channel Bandedge Method AD - V.TST 30915 29 Dec 2015

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HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 1.317	43.23	PK2	29.6	-23.5	49.33	-	-	74	-24.67	360	101	H
	* 1.313	31.97	MAV1	29.7	-23.5	38.17	54	-15.83	-	-	360	101	H
2	* 1.331	43.32	PK2	29.6	-23.4	49.52	-	-	74	-24.48	360	202	V
	* 1.332	31.82	MAV1	29.6	-23.4	38.02	54	-15.98	-	-	360	202	V
3	* 3.621	41.48	PK2	35.7	-30.0	47.18	-	-	74	-26.82	360	202	H
	* 3.622	29.65	MAV1	35.6	-29.9	35.35	54	-18.65	-	-	360	202	H
4	* 11.95	36.29	PK2	39.4	-22.0	53.69	-	-	74	-20.31	360	202	H
	* 11.953	25.18	MAV1	39.4	-22.0	42.58	54	-11.42	-	-	360	202	H
5	* 3.626	40.73	PK2	35.4	-29.8	46.33	-	-	74	-27.67	360	202	V
	* 3.627	29.56	MAV1	35.3	-29.8	35.06	54	-18.94	-	-	360	202	V
6	* 11.967	35.65	PK2	39.5	-22.1	53.05	-	-	74	-20.95	360	101	V
	* 11.966	24.87	MAV1	39.4	-22.0	42.27	54	-11.73	-	-	360	101	V

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

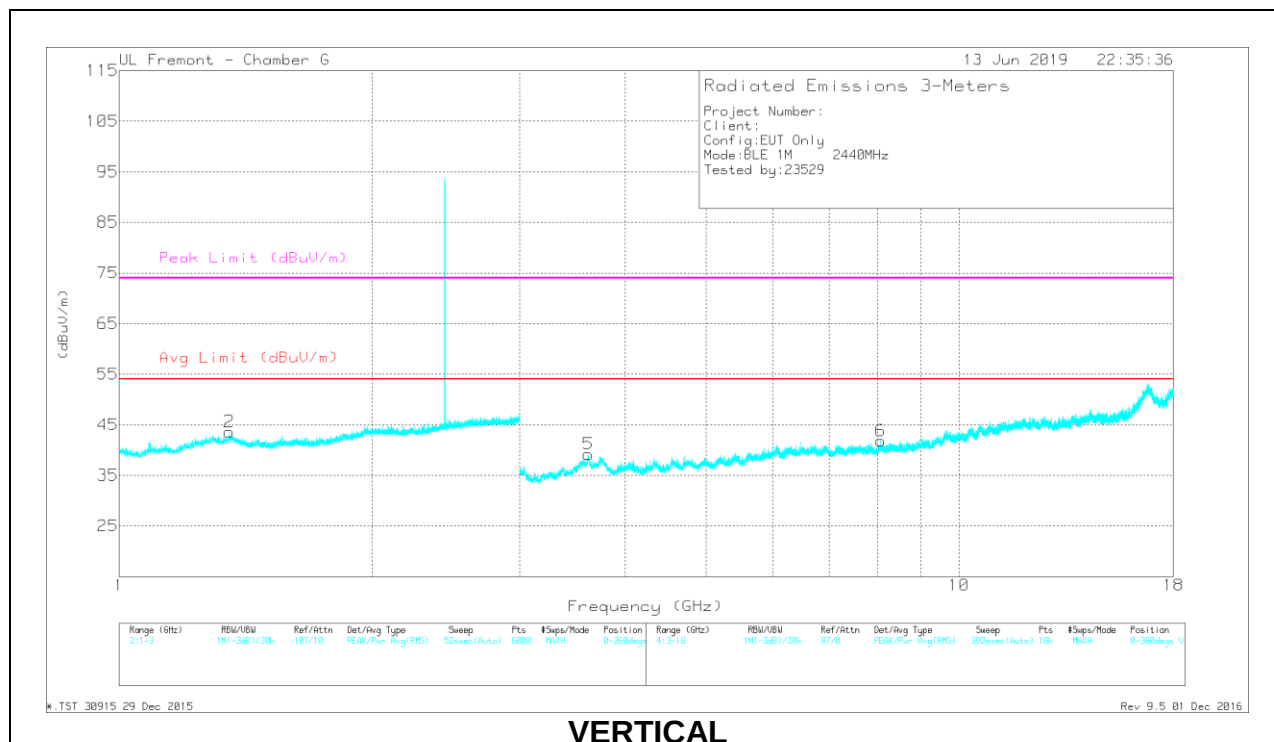
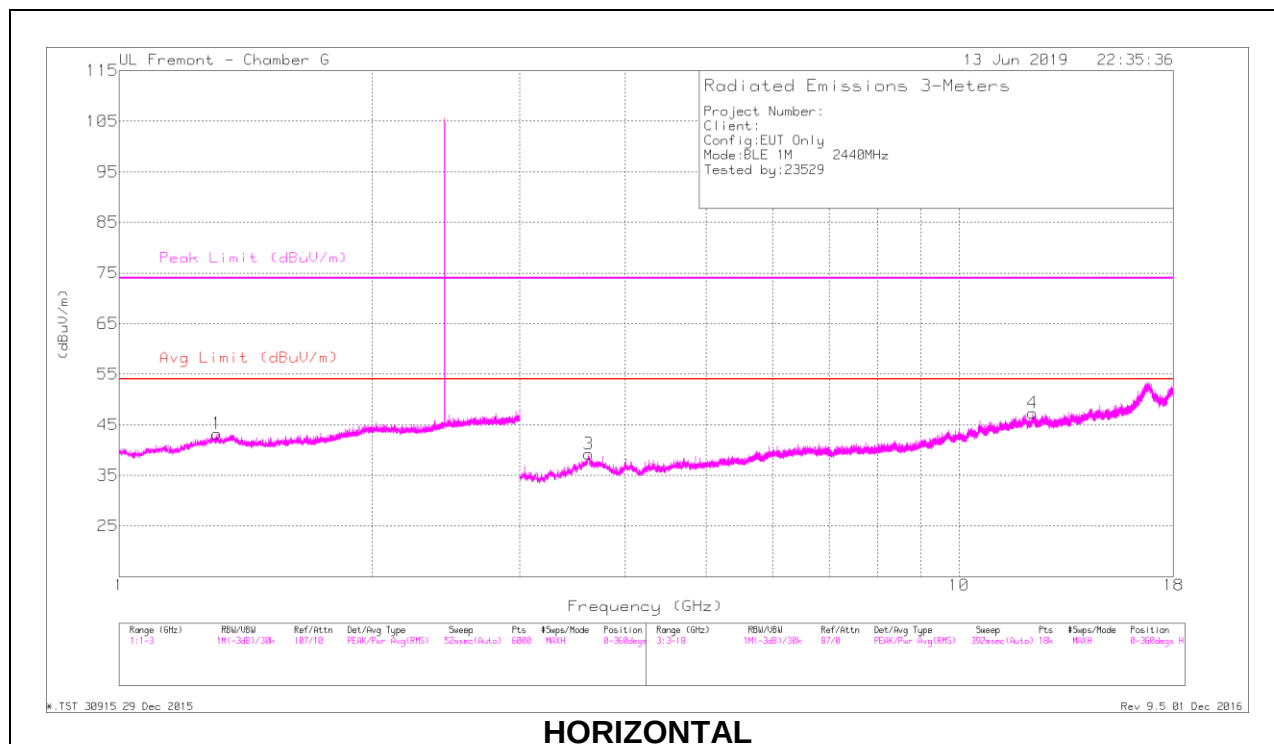
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

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MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 1.309	43.95	PK2	29.9	-23.5	50.35	-	-	74	-23.65	360	101	H
	* 1.306	32.03	MAV1	29.8	-23.5	38.33	54	-15.67	-	-	360	101	H
2	* 1.352	43.40	PK2	30.0	-23.3	50.10	-	-	74	-23.90	360	202	V
	* 1.353	31.84	MAV1	30.0	-23.3	38.54	54	-15.46	-	-	360	202	V
3	* 3.621	41.13	PK2	35.7	-30	46.83	-	-	74	-27.17	360	202	H
	* 3.623	29.75	MAV1	35.6	-29.9	35.45	54	-18.55	-	-	360	202	H
4	* 12.238	36.30	PK2	39.5	-22.3	53.50	-	-	74	-20.50	360	202	H
	* 12.241	25.24	MAV1	39.5	-22.3	42.44	54	-11.56	-	-	360	202	H
5	* 3.618	40.62	PK2	35.7	-30.1	46.22	-	-	74	-27.78	360	101	V
	* 3.617	29.29	MAV1	35.7	-30.1	34.89	54	-19.11	-	-	360	101	V
6	* 8.072	38.87	PK2	36.1	-26.9	48.07	-	-	74	-25.93	360	202	V
	* 8.069	27.80	MAV1	36.1	-26.9	37.00	54	-17.00	-	-	360	202	V

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

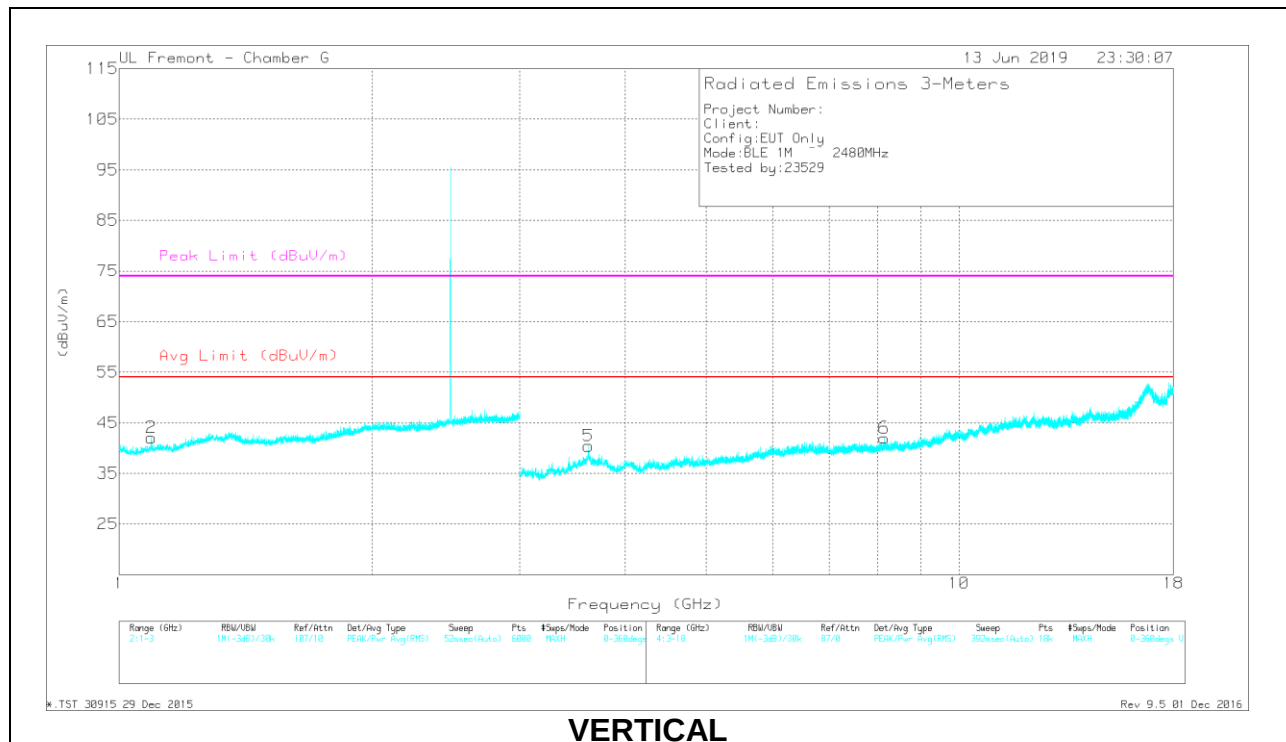
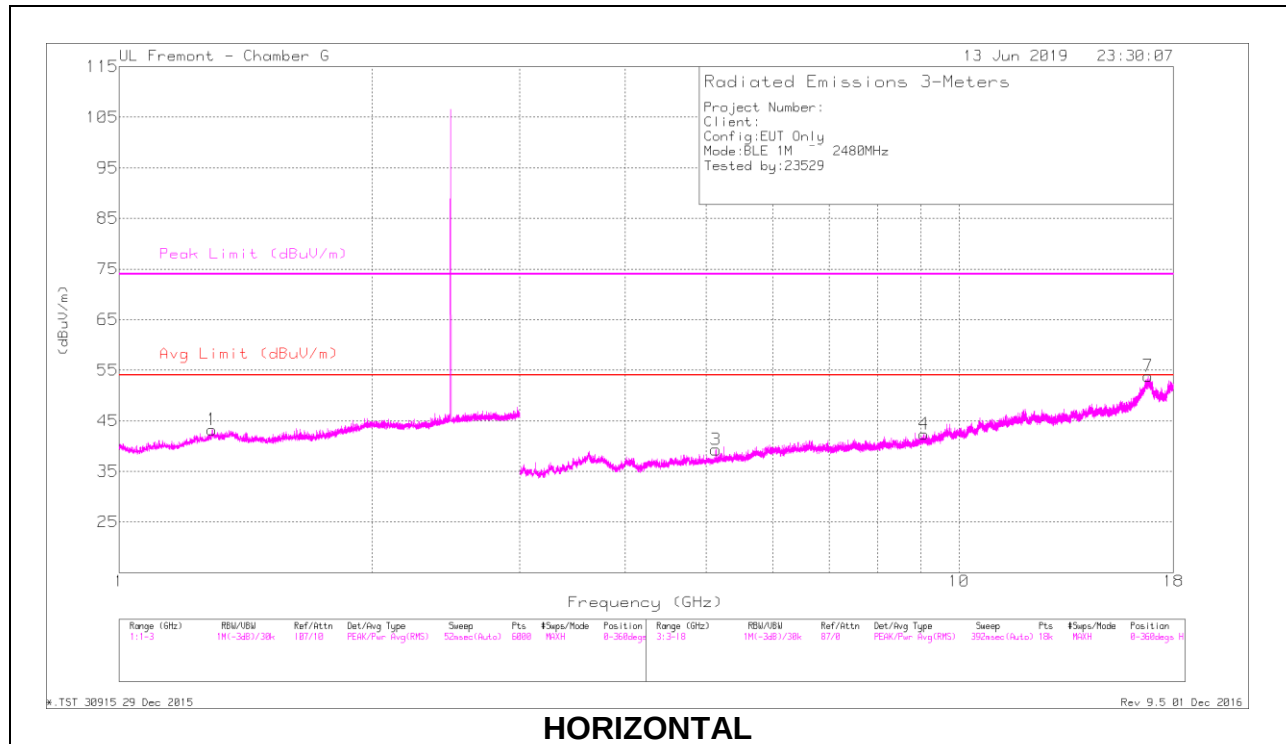
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

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HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 1.292	44.19	PK2	29.9	-23.5	50.59	-	-	74	-23.41	360	101	H
	* 1.288	32.22	MAV1	29.8	-23.5	38.52	54	-15.48	-	-	360	101	H
2	* 1.093	44.05	PK2	27.8	-23.8	48.05	-	-	74	-25.95	360	202	V
	* 1.091	32.15	MAV1	27.8	-23.8	36.15	54	-17.85	-	-	360	202	V
3	* 5.133	40.37	PK2	34.5	-29.5	45.37	-	-	74	-28.63	360	202	H
	* 5.136	29.14	MAV1	34.5	-29.5	34.14	54	-19.86	-	-	360	202	H
4	* 9.082	37.98	PK2	36.5	-25.3	49.18	-	-	74	-24.82	360	102	H
	* 9.081	26.68	MAV1	36.5	-25.3	37.88	54	-16.12	-	-	360	102	H
5	* 3.621	40.98	PK2	35.7	-30.0	46.68	-	-	74	-27.32	130	142	V
	* 3.620	29.56	MAV1	35.7	-30.0	35.26	54	-18.74	-	-	130	142	V
6	* 8.147	38.30	PK2	36.1	-26.4	48.00	-	-	74	-26.00	130	101	V
	* 8.145	27.39	MAV1	36.1	-26.4	37.09	54	-16.91	-	-	130	101	V
7	16.790	36.49	PK2	41.7	-17.4	60.79	-	-	-	-	287	184	H

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

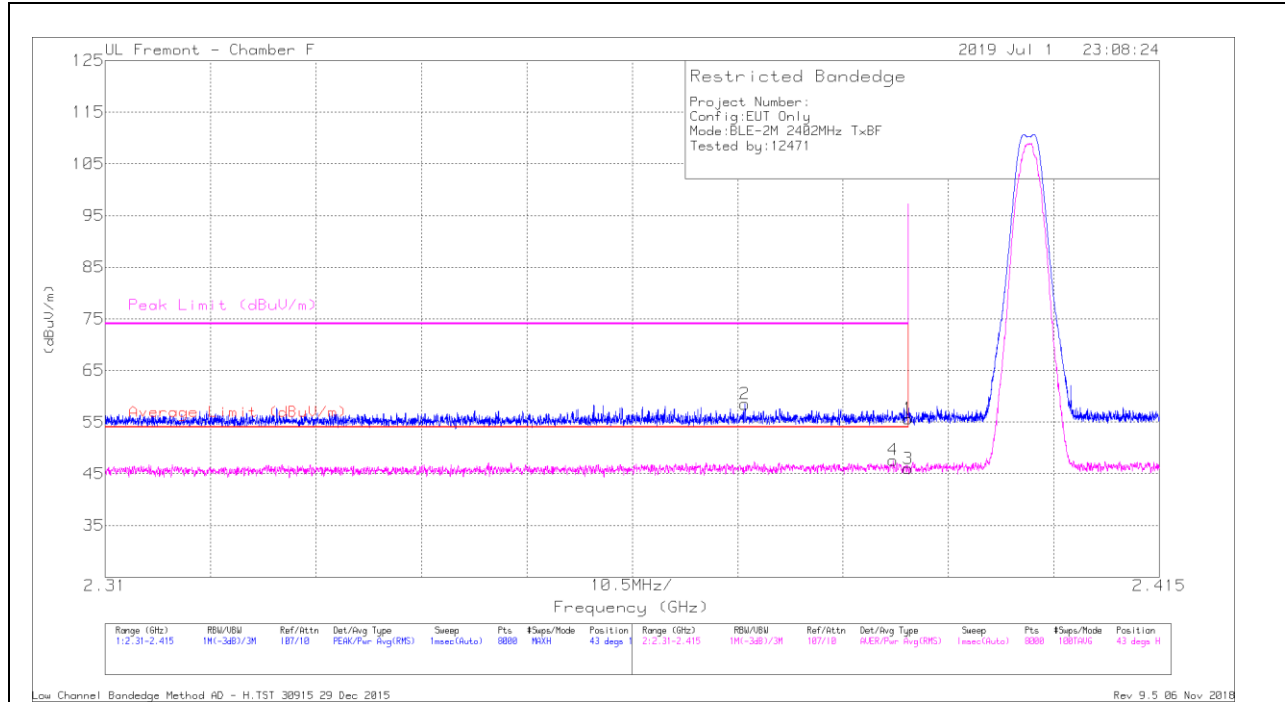
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9.2.8 BEAMFORMING, LOW POWER BLE (2Mbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 2.390	38.17	Pk	32	-14.5	55.67	-	-	74	-18.33	43	125	H
2	* 2.374	41.00	Pk	31.9	-14.4	58.50	-	-	74	-15.50	43	125	H
3	* 2.390	28.49	RMS	32	-14.5	45.99	54	-8.01	-	-	43	125	H
4	* 2.388	30.15	RMS	32	-14.5	47.65	54	-6.35	-	-	43	125	H

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

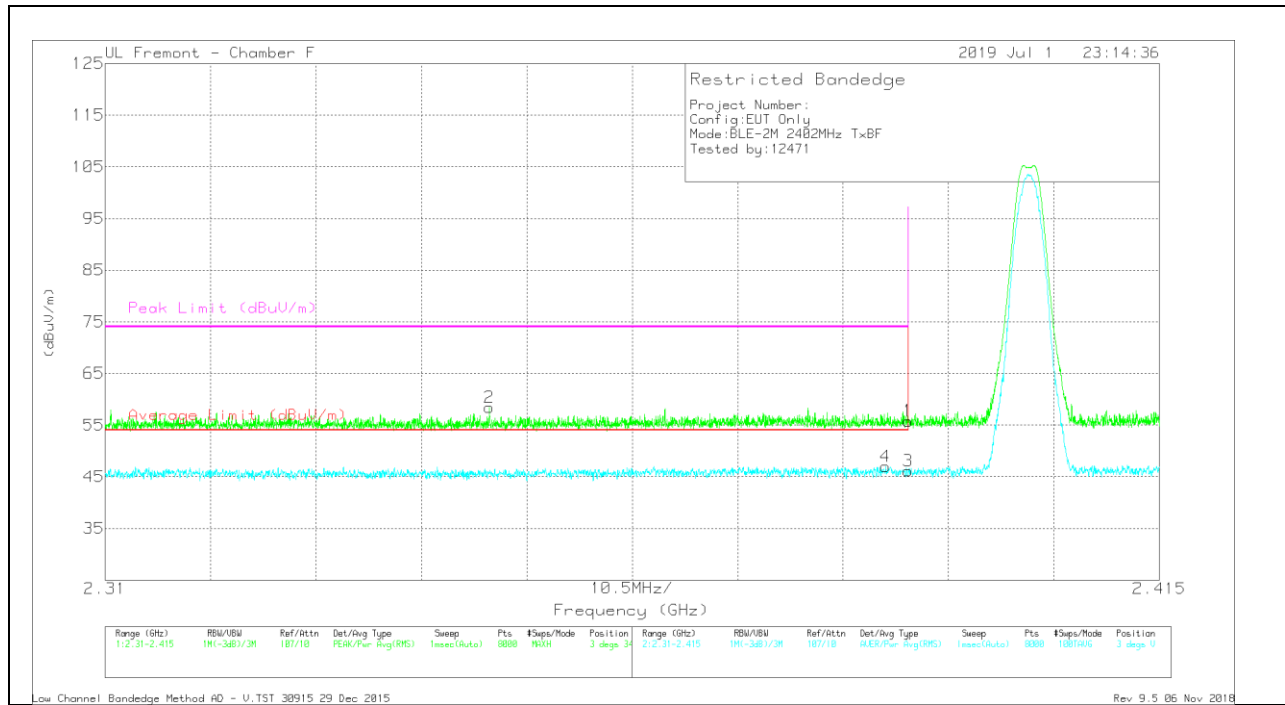
Pk - Peak detector

RMS - RMS detection

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	Amp/Cbl/Ftr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.390	38.27	Pk	32	-14.5	55.77	-	-	74	-18.23	3	343	V
2	* 2.348	41.20	Pk	31.6	-14.4	58.40	-	-	74	-15.60	3	343	V
3	* 2.390	28.61	RMS	32	-14.5	46.11	54	-7.89	-	-	3	343	V
4	* 2.388	29.56	RMS	31.9	-14.5	46.96	54	-7.04	-	-	3	343	V

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

Pk - Peak detector

RMS - RMS detection

Low Channel Bandedge Method AD - V.TST 30915 29 Dec 2015

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