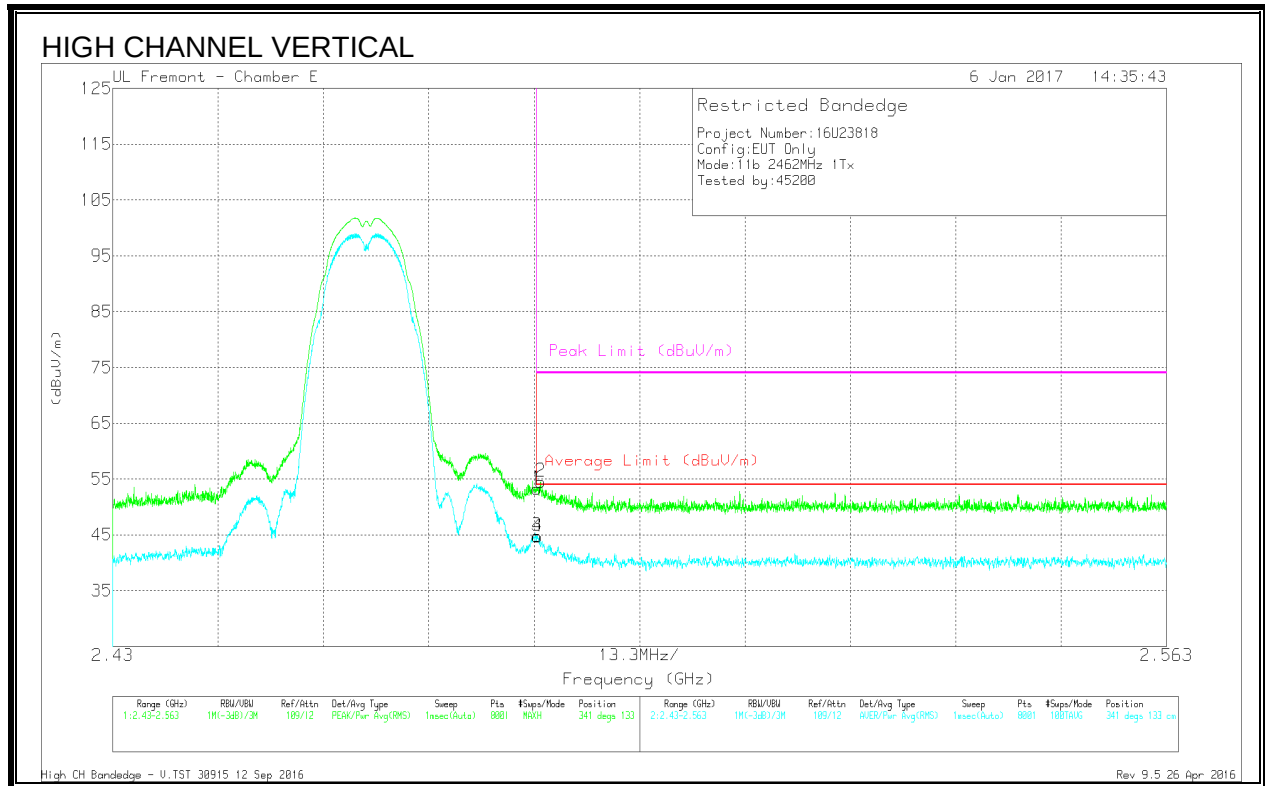




Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.66	Pk	32.3	-19.7	53.26	-	-	74	-20.74	341	133	V
2	* 2.484	41.97	Pk	32.3	-19.7	54.57	-	-	74	-19.43	341	133	V
3	* 2.484	32.24	RMS	32.3	-19.7	44.84	54	-9.16	-	-	341	133	V
4	* 2.484	32.05	RMS	32.3	-19.7	44.65	54	-9.35	-	-	341	133	V

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

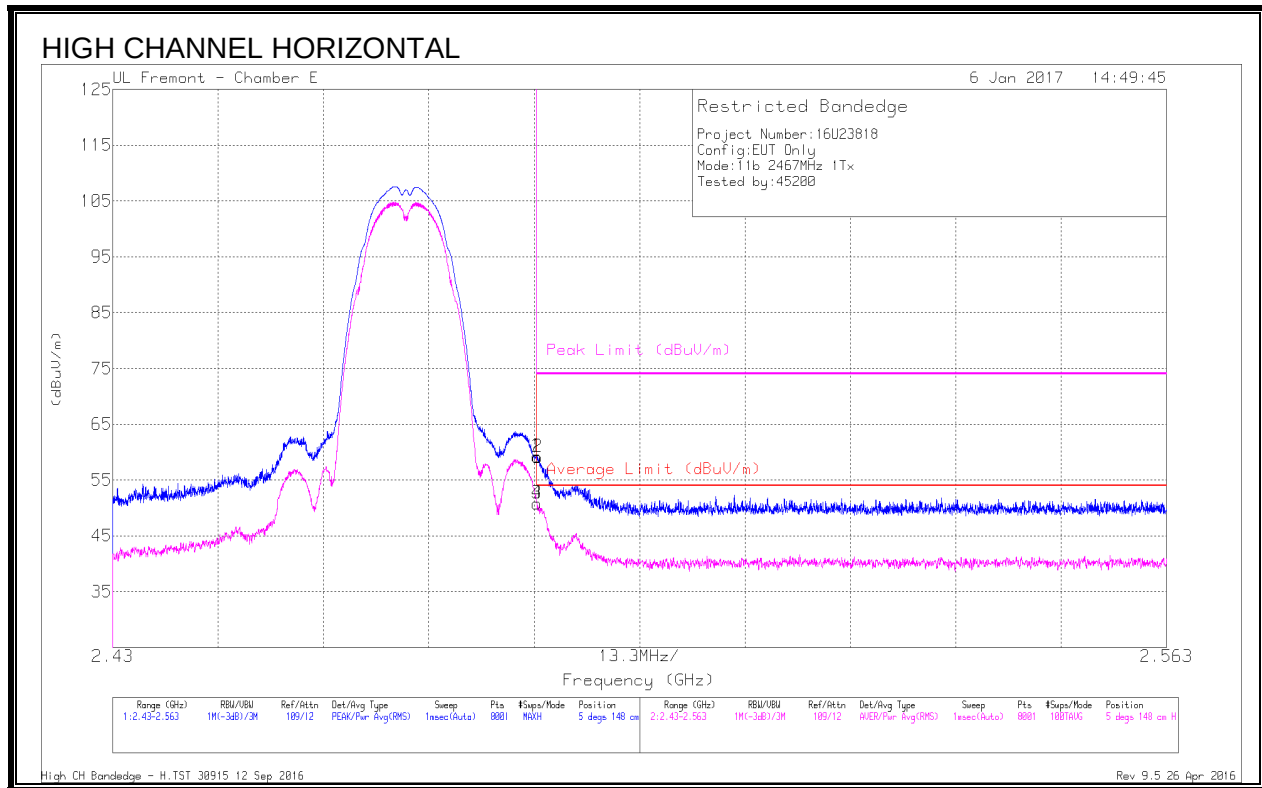
Pk - Peak detector

RMS - RMS detection

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AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 12)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/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	46.63	Pk	32.3	-19.7	59.23	-	-	74	-14.77	5	148	H
2	* 2.484	46.55	Pk	32.3	-19.7	59.15	-	-	74	-14.85	5	148	H
3	* 2.484	38.15	RMS	32.3	-19.7	50.75	54	-3.25	-	-	5	148	H
4	* 2.484	38.15	RMS	32.3	-19.7	50.75	54	-3.25	-	-	5	148	H

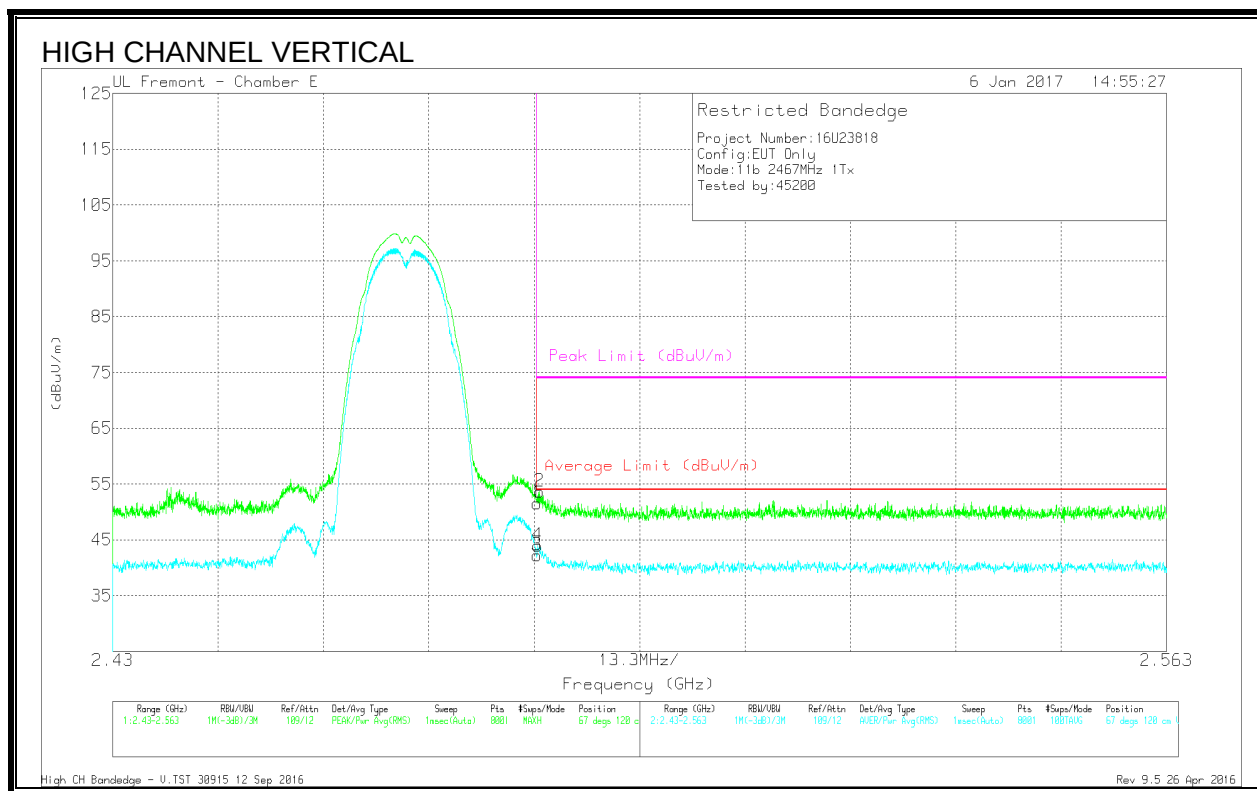
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/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	38.92	Pk	32.3	-19.7	51.52	-	-	74	-22.48	67	120	V
2	* 2.484	41.01	Pk	32.3	-19.7	53.61	-	-	74	-20.39	67	120	V
3	* 2.484	29.59	RMS	32.3	-19.7	42.19	54	-11.81	-	-	67	120	V
4	* 2.484	31.33	RMS	32.3	-19.7	43.93	54	-10.07	-	-	67	120	V

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

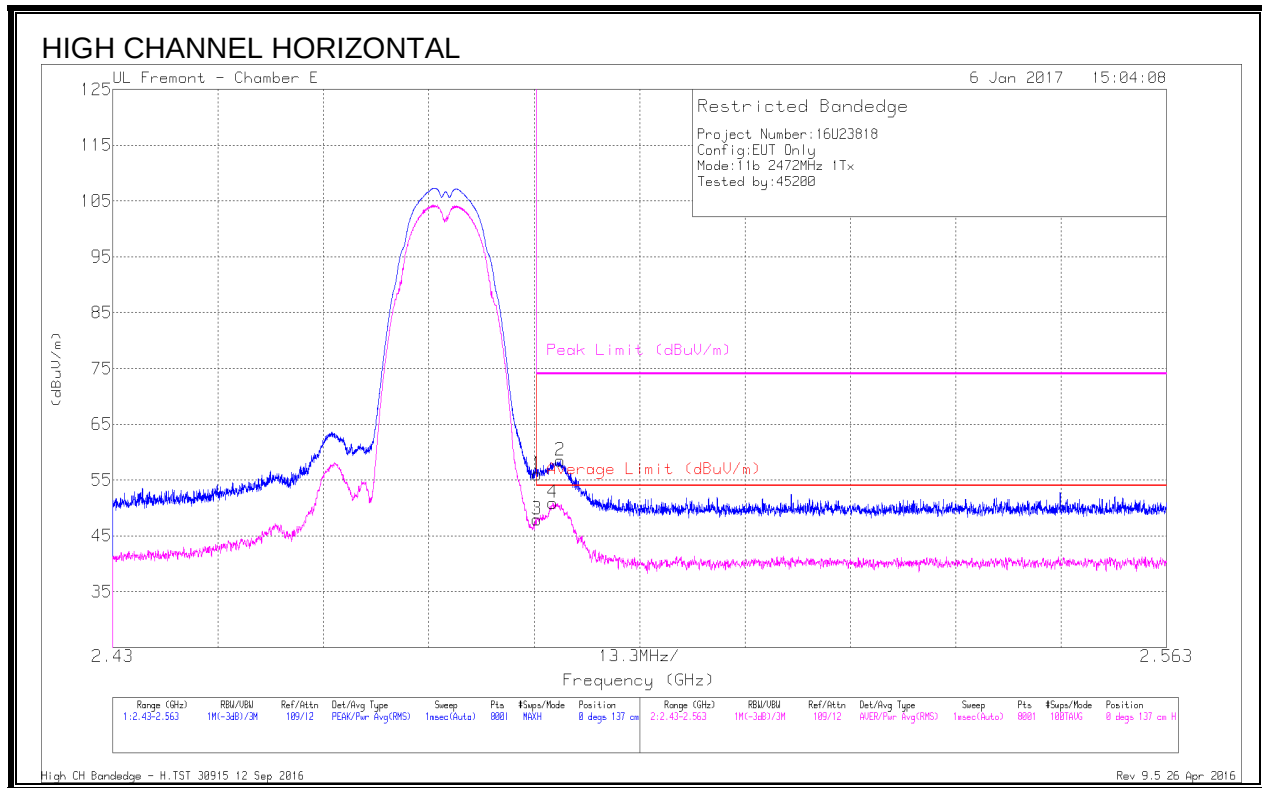
Pk - Peak detector

RMS - RMS detection

High CH Bandedge - V.TST 30915 12 Sep 2016

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AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 13)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.45	Pk	32.3	-19.7	56.05	-	-	74	-17.95	0	137	H
3	* 2.484	35.38	RMS	32.3	-19.7	47.98	54	-6.02	-	-	0	137	H
2	* 2.486	45.94	Pk	32.3	-19.8	58.44	-	-	74	-15.56	0	137	H
4	* 2.486	38.27	RMS	32.3	-19.7	50.87	54	-3.13	-	-	0	137	H

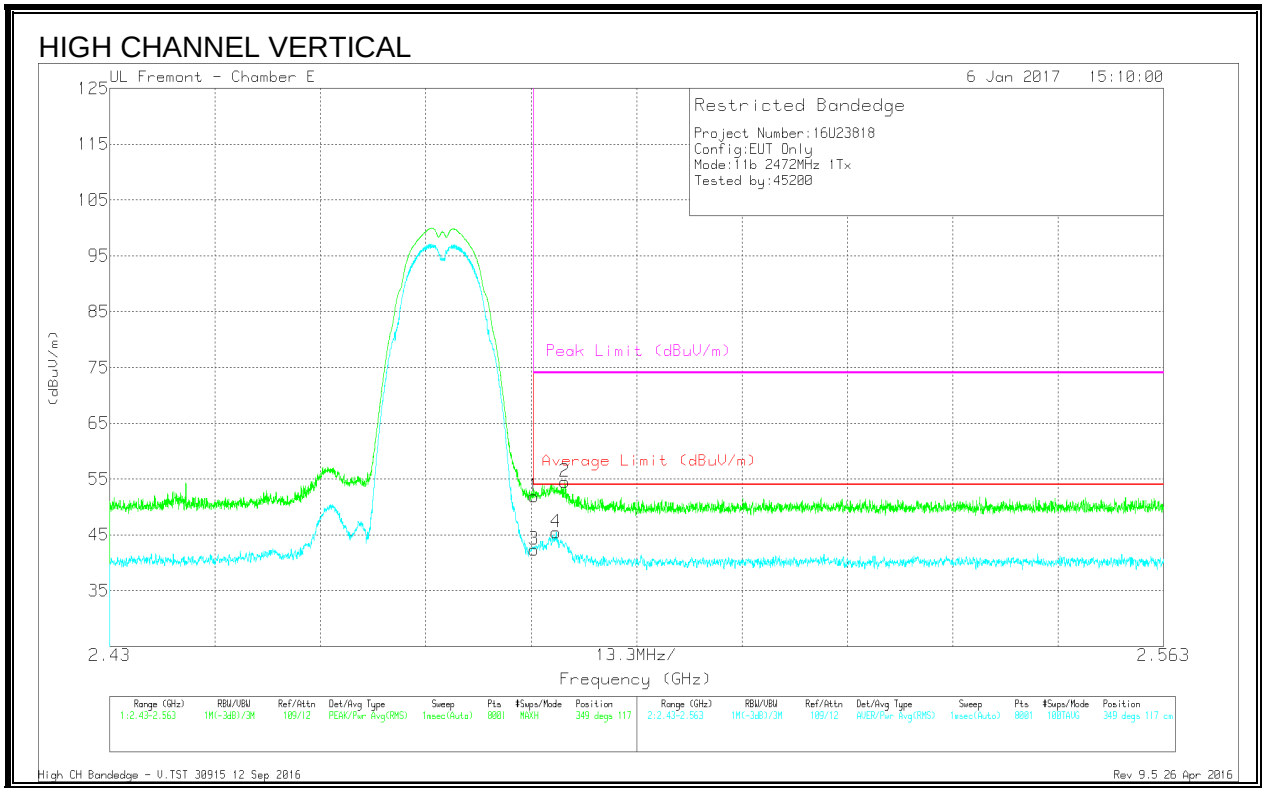
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/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	39.27	Pk	32.3	-19.7	51.87	-	-	74	-22.13	349	117	V
3	* 2.484	29.8	RMS	32.3	-19.7	42.4	54	-11.6	-	-	349	117	V
4	* 2.486	32.99	RMS	32.3	-19.8	45.49	54	-8.51	-	-	349	117	V
2	* 2.487	42.06	Pk	32.3	-19.9	54.46	-	-	74	-19.54	349	117	V

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

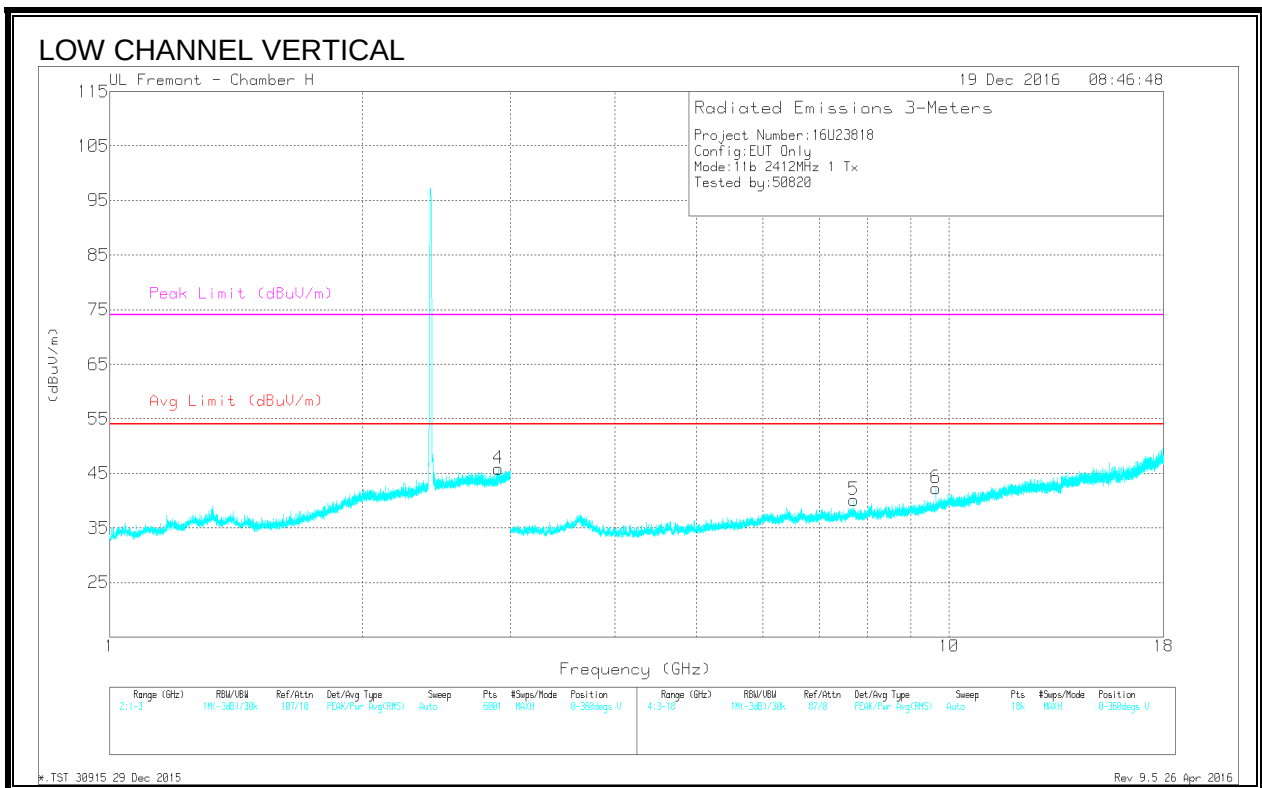
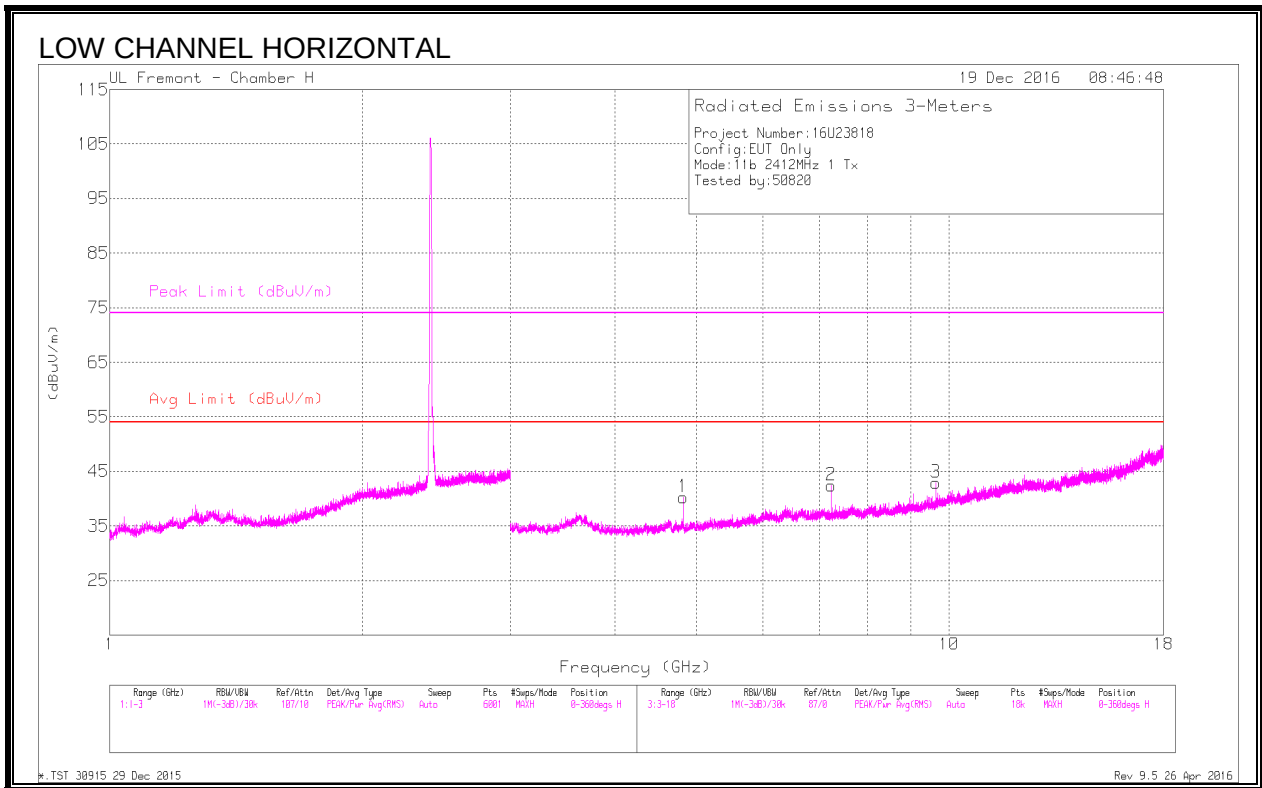
Pk - Peak detector

RMS - RMS detection

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HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL, CH 1)



Marker	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	* 4.825	44.54	PK2	34	-35	43.54	-	-	74	-30.46	165	205	H
	* 4.824	35.11	MAv1	34	-35	34.11	54	-19.89	-	-	165	205	H
5	* 7.703	40.35	PK2	35.8	-30.4	45.75	-	-	74	-28.25	336	372	V
	* 7.703	28.54	MAv1	35.8	-30.4	33.94	54	-20.06	-	-	336	372	V
4	2.907	39.2	PK2	32.8	-19.1	52.9	-	-	-	-	310	193	V
	2.907	22.06	MAv1	32.8	-19.2	35.66	-	-	-	-	310	193	V
2	7.237	42.31	PK2	35.7	-31.7	46.31	-	-	-	-	196	400	H
	7.237	32.15	MAv1	35.7	-31.7	36.15	-	-	-	-	196	400	H
3	9.648	40.8	PK2	37	-28.9	48.9	-	-	-	-	140	200	H
	9.648	32.55	MAv1	37	-28.9	40.65	-	-	-	-	140	200	H
6	9.648	40.95	PK2	37	-28.9	49.05	-	-	-	-	128	221	V
	9.648	33.84	MAv1	37	-28.9	41.94	-	-	-	-	128	221	V

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

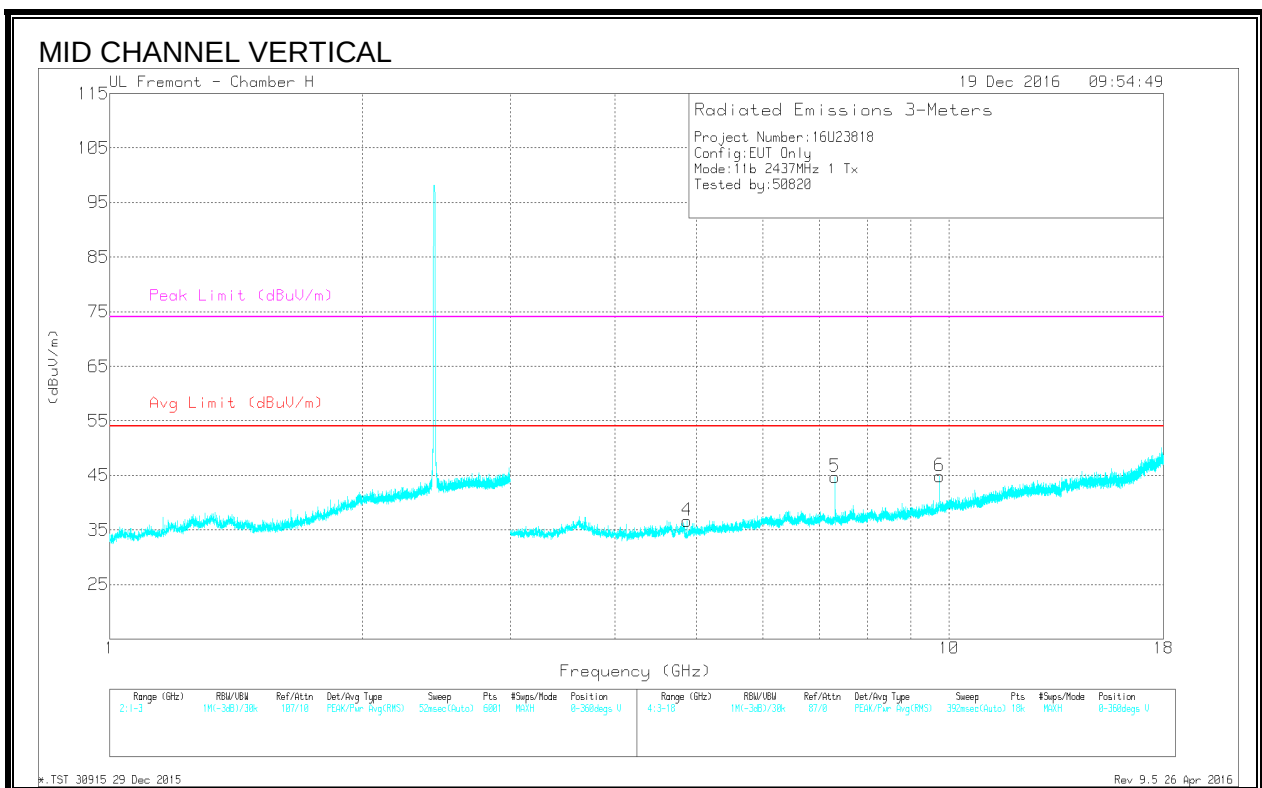
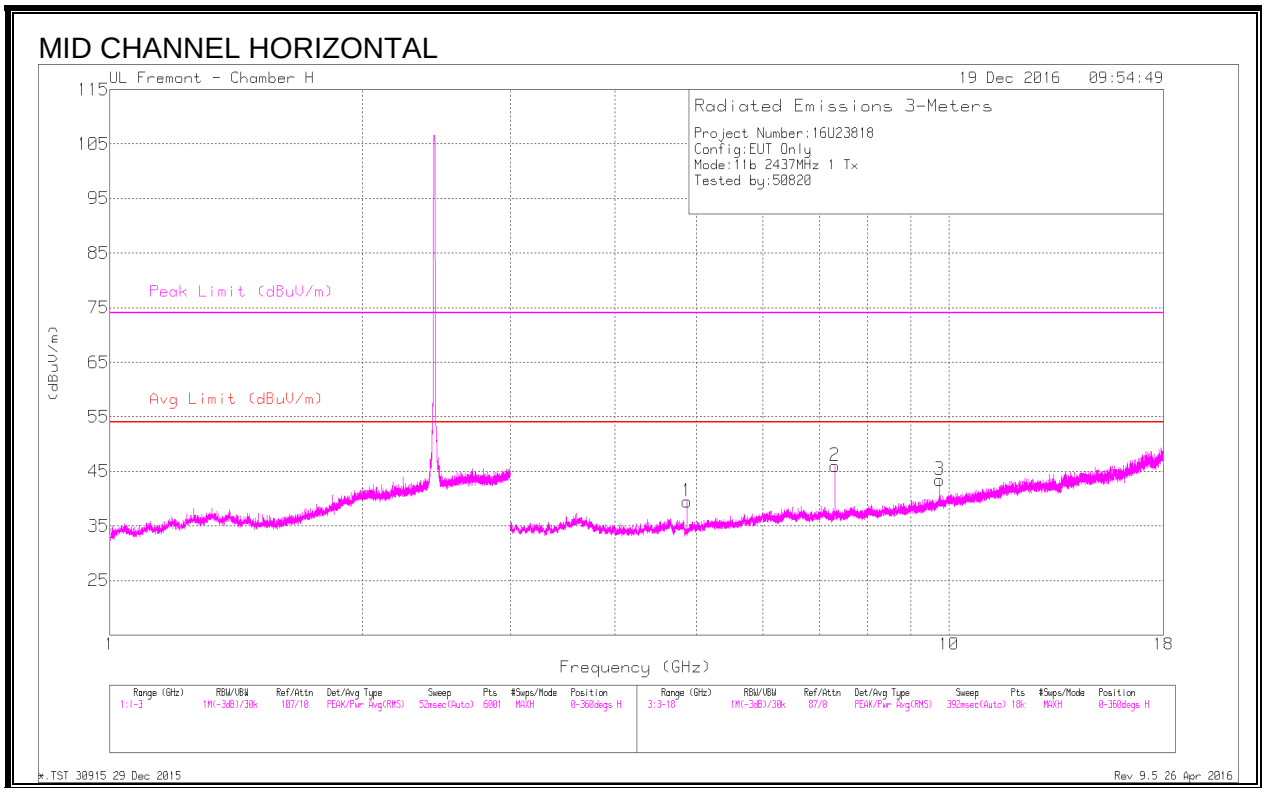
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL, CH 6)



Marker	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	* 4.874	42.79	PK2	34	-34.9	41.89	-	-	74	-32.11	177	184	H
	* 4.874	32.53	MAv1	34	-34.9	31.63	54	-22.37	-	-	177	184	H
2	* 7.31	44.07	PK2	35.7	-31.4	48.37	-	-	74	-25.63	186	375	H
	* 7.31	36.75	MAv1	35.7	-31.4	41.05	54	-12.95	-	-	186	375	H
4	* 4.874	42.7	PK2	34	-34.9	41.8	-	-	74	-32.2	186	241	V
	* 4.874	31.72	MAv1	34	-34.9	30.82	54	-23.18	-	-	186	241	V
5	* 7.309	44.6	PK2	35.7	-31.4	48.9	-	-	74	-25.1	131	108	V
	* 7.31	38.27	MAv1	35.7	-31.4	42.57	54	-11.43	-	-	131	108	V
6	9.748	42.04	PK2	37.2	-28.7	50.54	-	-	-	-	152	214	H
	9.748	34.96	MAv1	37.2	-28.7	43.46	-	-	-	-	152	214	H
3	9.748	43.35	PK2	37.2	-28.7	51.85	-	-	-	-	145	169	V
	9.748	37.39	MAv1	37.2	-28.7	45.89	-	-	-	-	145	169	V

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

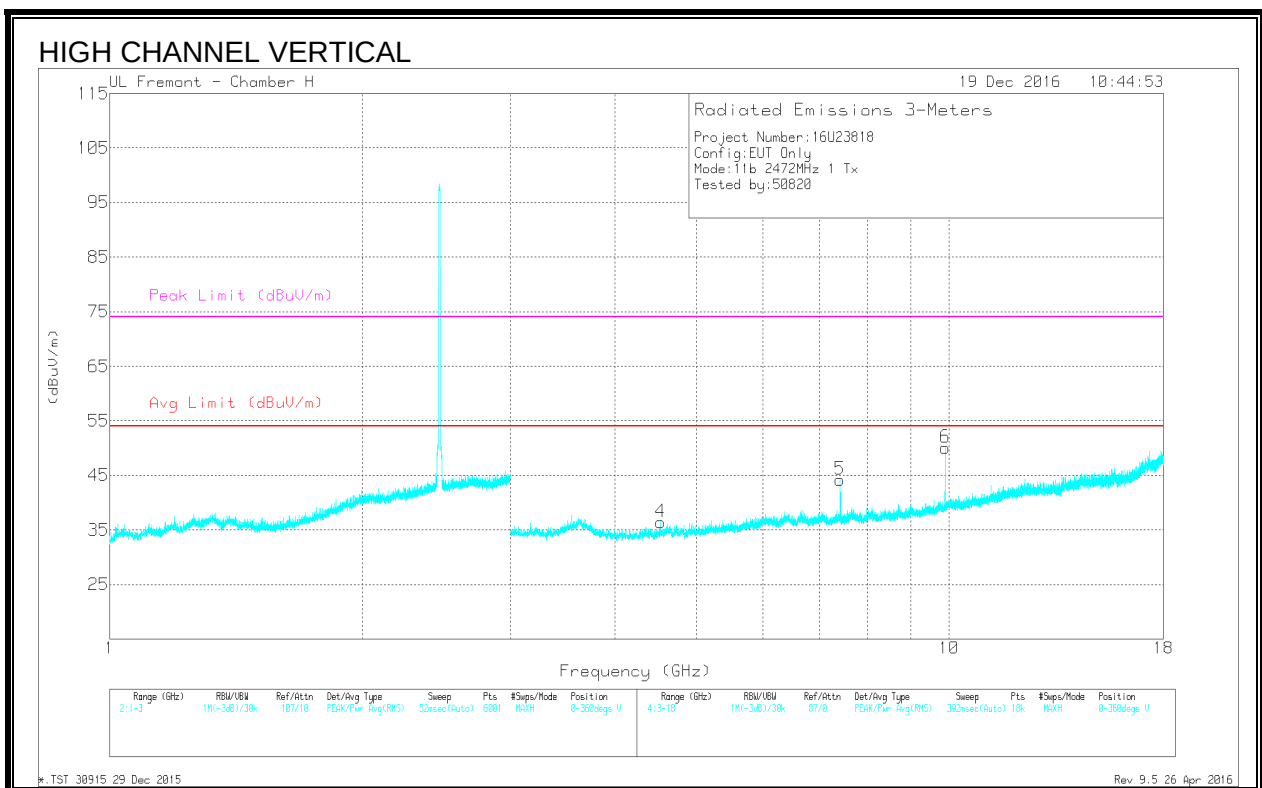
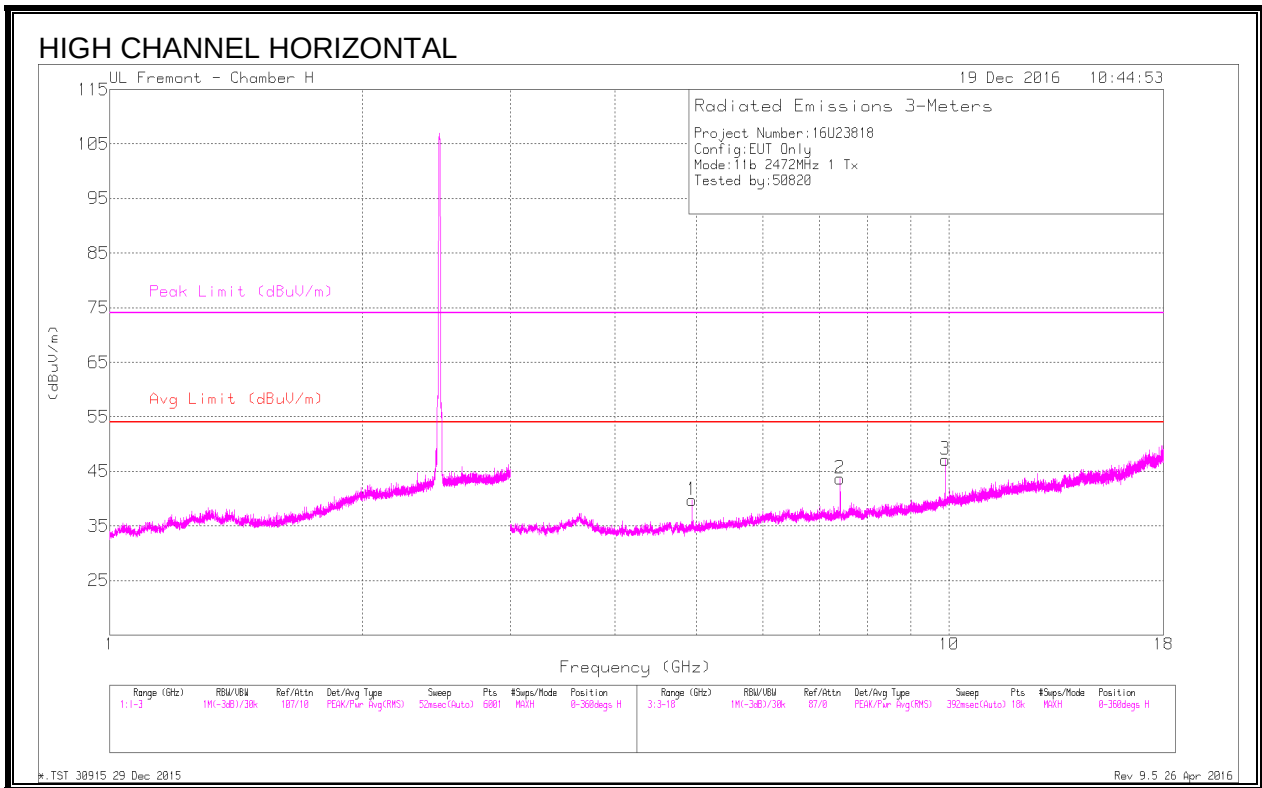
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL, CH 13)



Marker	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	* 4.944	45.08	PK2	34	-34.3	44.78	-	-	74	-29.22	137	189	H
	* 4.944	38.37	MAv1	34	-34.3	38.07	54	-15.93	-	-	137	189	H
2	* 7.414	44.64	PK2	35.7	-31	49.34	-	-	74	-24.66	143	108	H
	* 7.415	38.25	MAv1	35.7	-31.1	42.85	54	-11.15	-	-	143	108	H
4	* 4.532	43.29	PK2	33.8	-35.2	41.89	-	-	74	-32.11	326	134	V
	* 4.535	32.38	MAv1	33.8	-35.2	30.98	54	-23.02	-	-	326	134	V
5	* 7.414	44.89	PK2	35.7	-31	49.59	-	-	74	-24.41	76	314	V
	* 7.415	38.89	MAv1	35.7	-31.1	43.49	54	-10.51	-	-	76	314	V
6	9.888	43.89	PK2	37.4	-29.3	51.99	-	-	-	-	148	204	H
	9.888	38.77	MAv1	37.4	-29.3	46.87	-	-	-	-	148	204	H
3	9.888	44.8	PK2	37.4	-29.3	52.9	-	-	-	-	143	106	V
	9.888	40.25	MAv1	37.4	-29.3	48.35	-	-	-	-	143	106	V

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

PK2 - KDB558074 Method: Maximum Peak

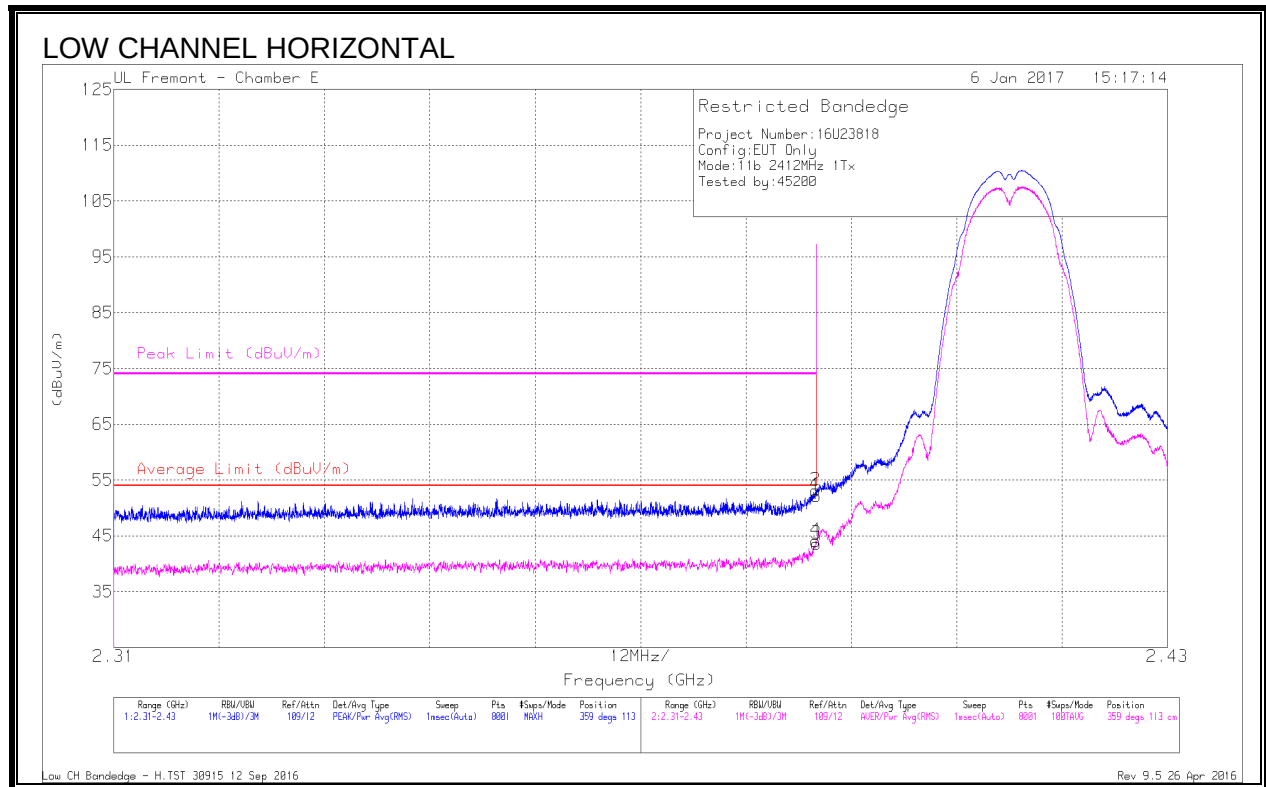
MAv1 - KDB558074 Option 1 Maximum RMS Average

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9.2.2. 11b ANTENNA B SISO MODE IN THE 2.4GHz BAND

AUTHORIZED BANDEDGE (LOW CHANNEL, CH 1)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	* 2.39	39.79	Pk	32.1	-19.7	52.19	-	-	74	-21.81	359	113	H
2	* 2.39	40.78	Pk	32.1	-19.7	53.18	-	-	74	-20.82	359	113	H
3	* 2.39	31.18	RMS	32.1	-19.7	43.58	54	-10.42	-	-	359	113	H
4	* 2.39	31.68	RMS	32.1	-19.7	44.08	54	-9.92	-	-	359	113	H

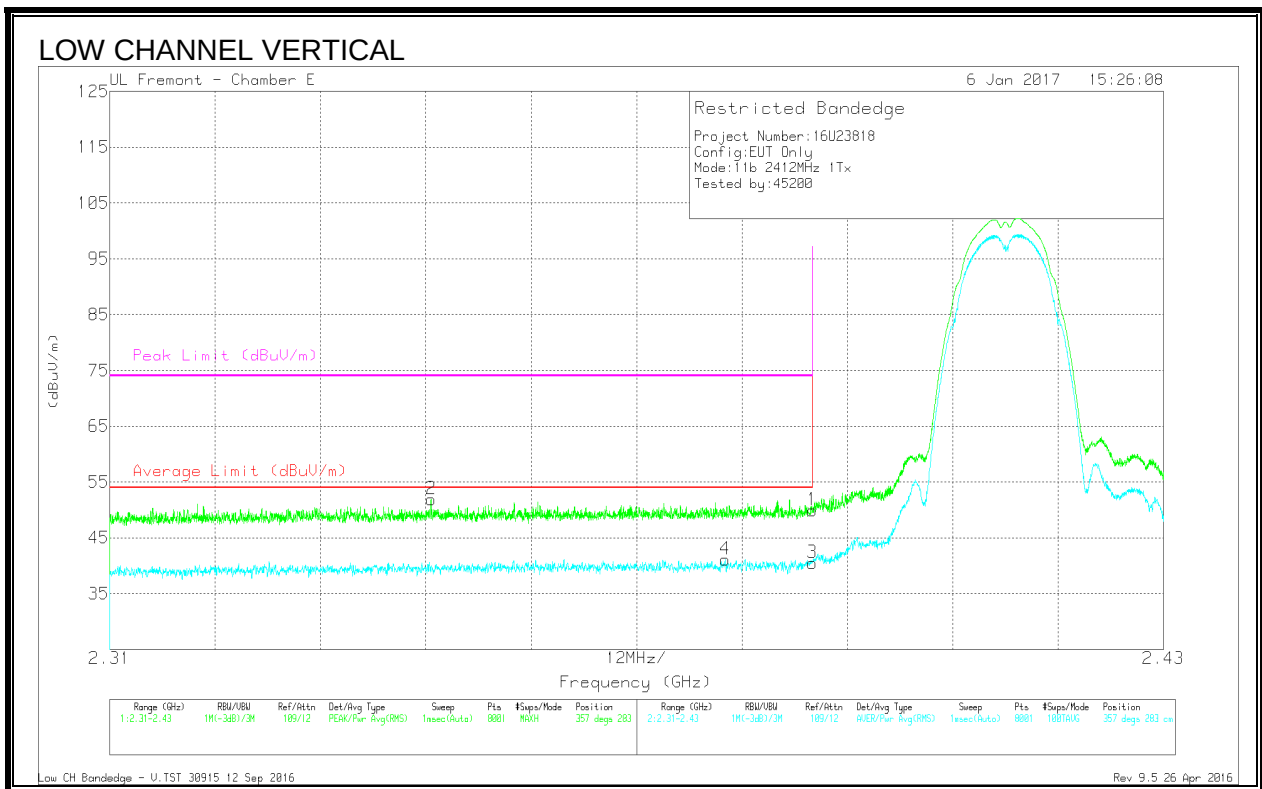
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.347	39.85	Pk	31.8	-19.8	51.85	-	-	74	-22.15	357	283	V
4	* 2.38	28.76	RMS	32	-19.6	41.16	54	-12.84	-	-	357	283	V
1	* 2.39	37.56	PK	32.1	-19.7	49.96	-	-	74	-24.04	357	283	V
3	* 2.39	28.12	RMS	32.1	-19.7	40.52	54	-13.48	-	-	357	283	V

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

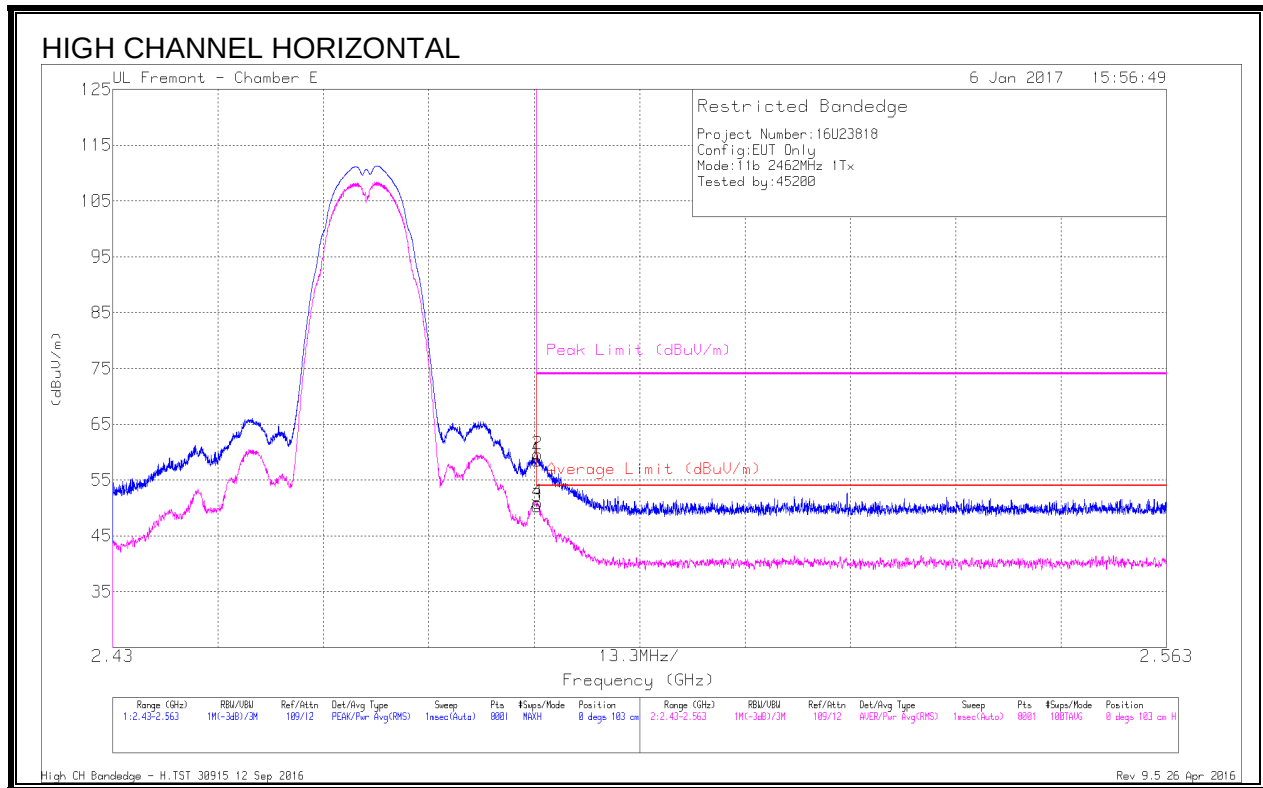
PK - Peak detector

RMS - RMS detection

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AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 11)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Ampl/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	45.95	Pk	32.3	-19.7	58.55	-	-	74	-15.45	0	103	H
2	* 2.484	47.03	Pk	32.3	-19.7	59.63	-	-	74	-14.37	0	103	H
3	* 2.484	37.68	RMS	32.3	-19.7	50.28	54	-3.72	-	-	0	103	H
4	* 2.484	38.37	RMS	32.3	-19.7	50.97	54	-3.03	-	-	0	103	H

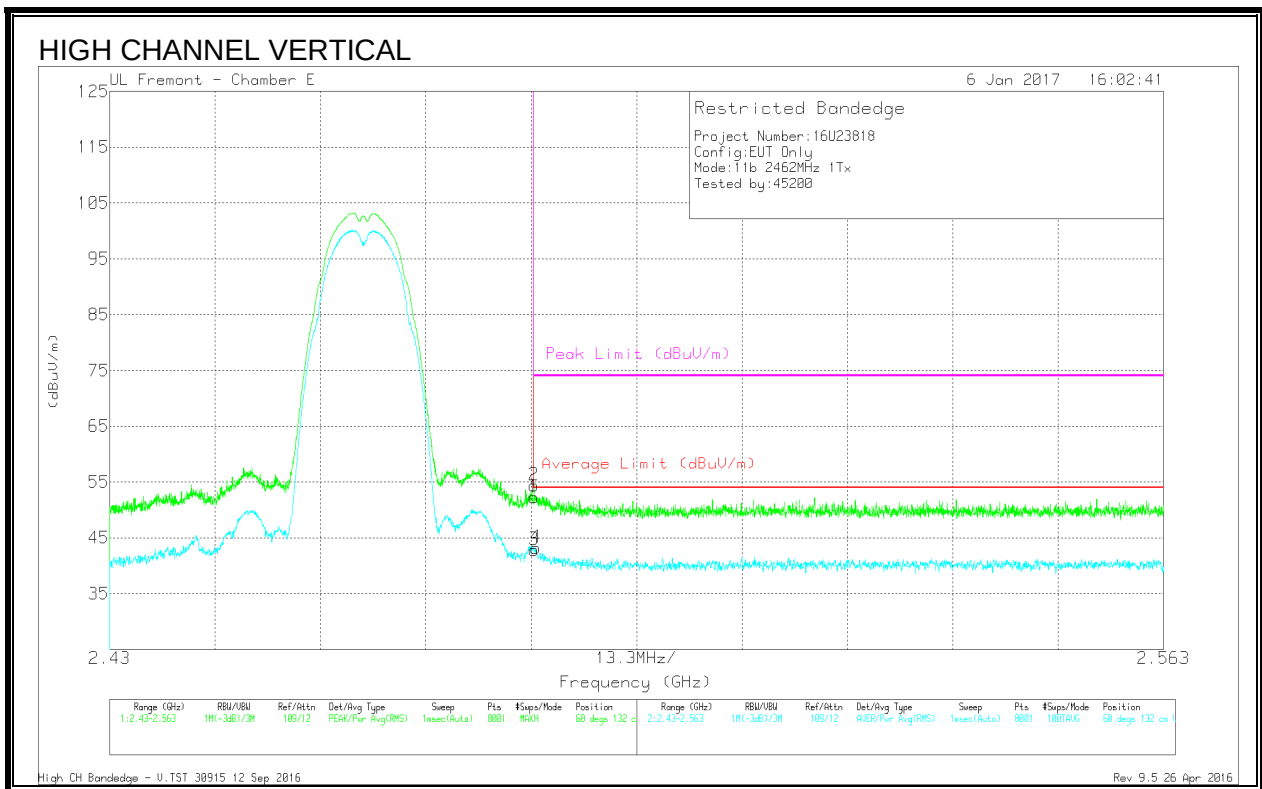
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.65	Pk	32.3	-19.7	52.25	-	-	74	-21.75	60	132	V
2	* 2.484	41.78	Pk	32.3	-19.7	54.38	-	-	74	-19.62	60	132	V
3	* 2.484	30.24	RMS	32.3	-19.7	42.84	54	-11.16	-	-	60	132	V
4	* 2.484	30.58	RMS	32.3	-19.7	43.18	54	-10.82	-	-	60	132	V

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

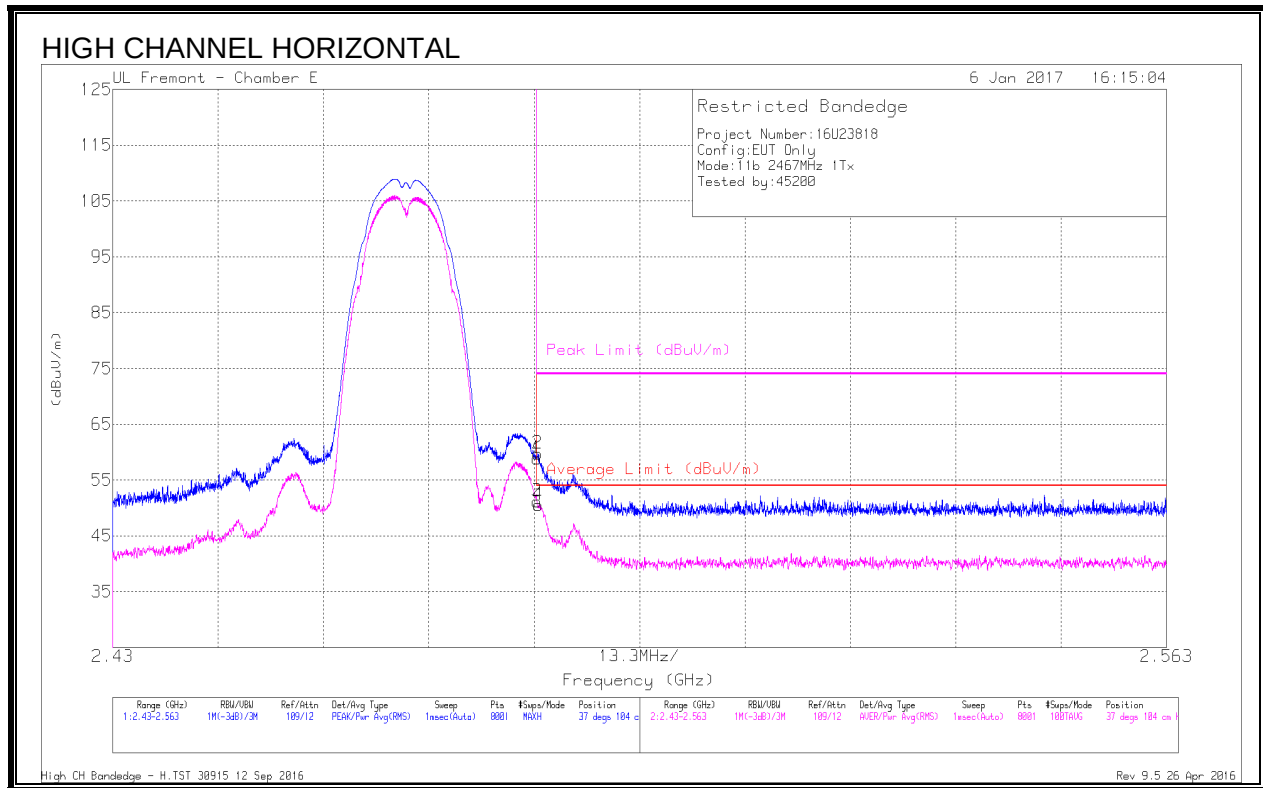
Pk - Peak detector

RMS - RMS detection

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AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 12)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	46.3	Pk	32.3	-19.7	58.9	-	-	74	-15.1	37	104	H
2	* 2.484	47.17	Pk	32.3	-19.7	59.77	-	-	74	-14.23	37	104	H
3	* 2.484	38.61	RMS	32.3	-19.7	51.21	54	-2.79	-	-	37	104	H
4	* 2.484	37.93	RMS	32.3	-19.7	50.53	54	-3.47	-	-	37	104	H

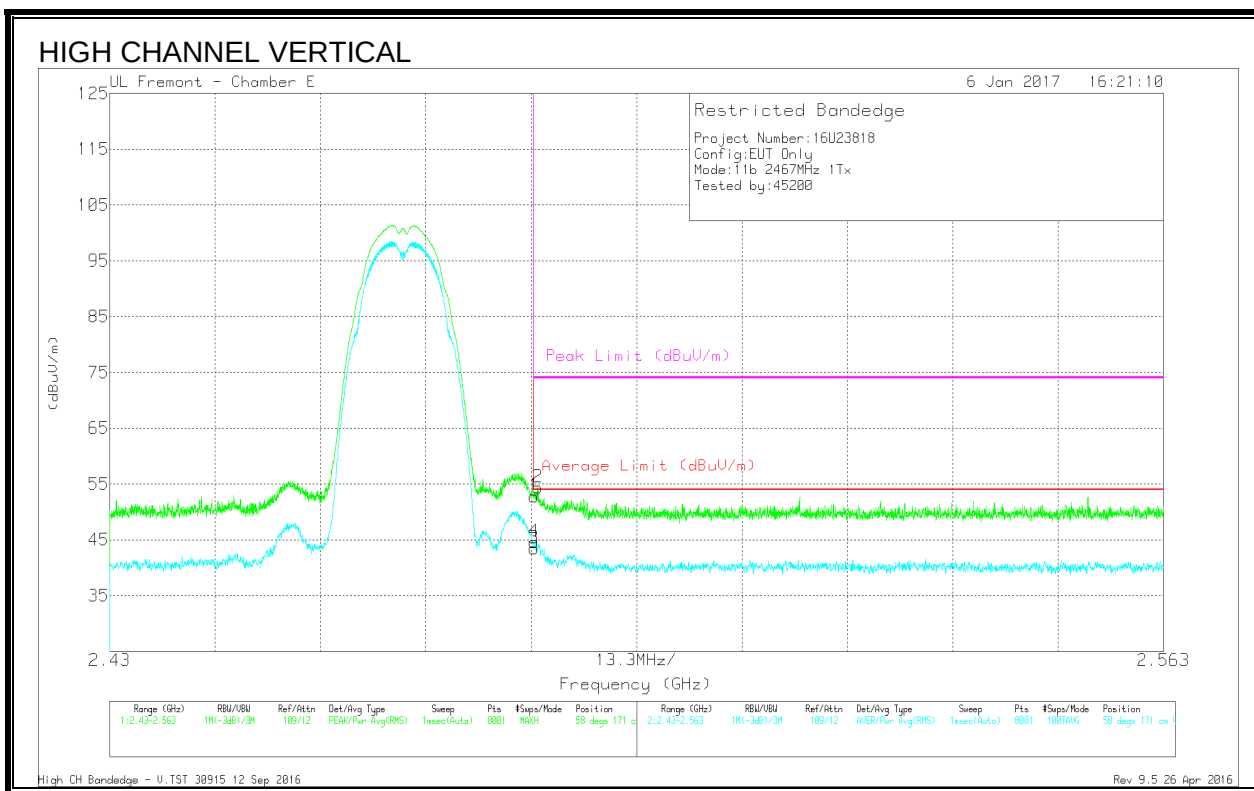
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dBm)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.21	Pk	32.3	-19.7	52.81	-	-	74	-21.19	58	171	V
2	* 2.484	41.74	Pk	32.3	-19.7	54.34	-	-	74	-19.66	58	171	V
3	* 2.484	30.9	RMS	32.3	-19.7	43.5	54	-10.5	-	-	58	171	V
4	* 2.484	32.03	RMS	32.3	-19.7	44.63	54	-9.37	-	-	58	171	V

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

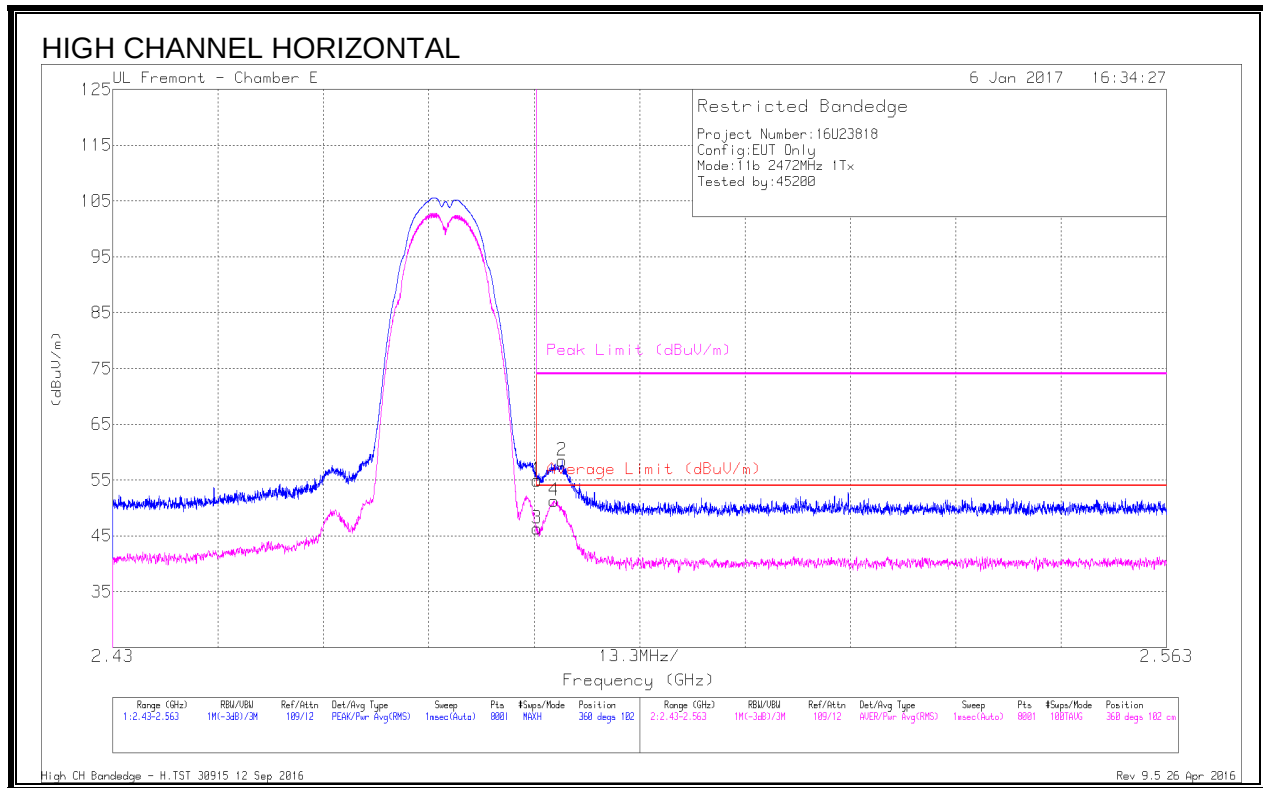
Pk - Peak detector

RMS - RMS detection

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AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 13)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	42.35	Pk	32.3	-19.7	54.95	-	-	74	-19.05	360	102	H
3	* 2.484	33.77	RMS	32.3	-19.7	46.37	54	-7.63	-	-	360	102	H
4	* 2.486	38.76	RMS	32.3	-19.8	51.26	54	-2.74	-	-	360	102	H
2	* 2.487	45.94	Pk	32.3	-19.8	58.44	-	-	74	-15.56	360	102	H

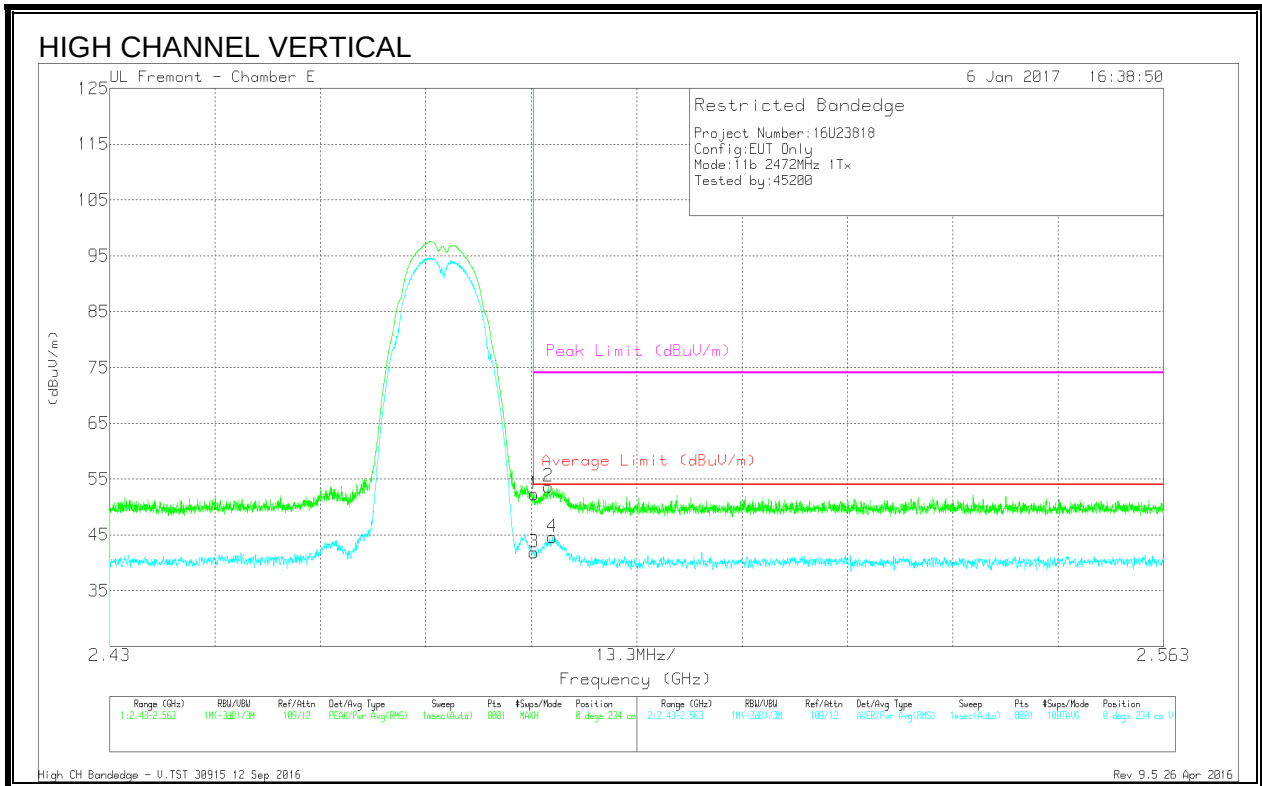
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dBm)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.68	Pk	32.3	-19.7	52.28	-	-	74	-21.72	0	234	V
3	* 2.484	29.3	RMS	32.3	-19.7	41.9	54	-12.1	-	-	0	234	V
2	* 2.485	41.08	Pk	32.3	-19.7	53.68	-	-	74	-20.32	0	234	V
4	* 2.486	32.1	RMS	32.3	-19.8	44.6	54	-9.4	-	-	0	234	V

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

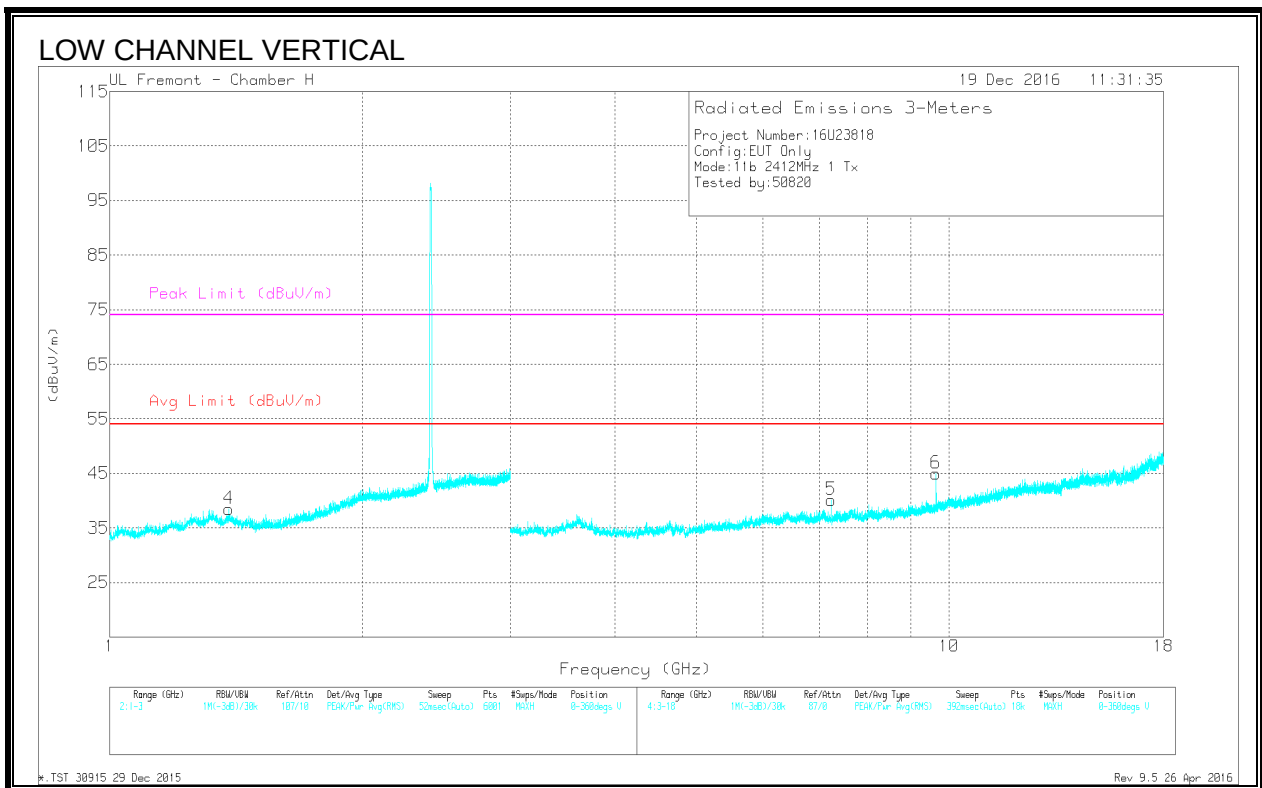
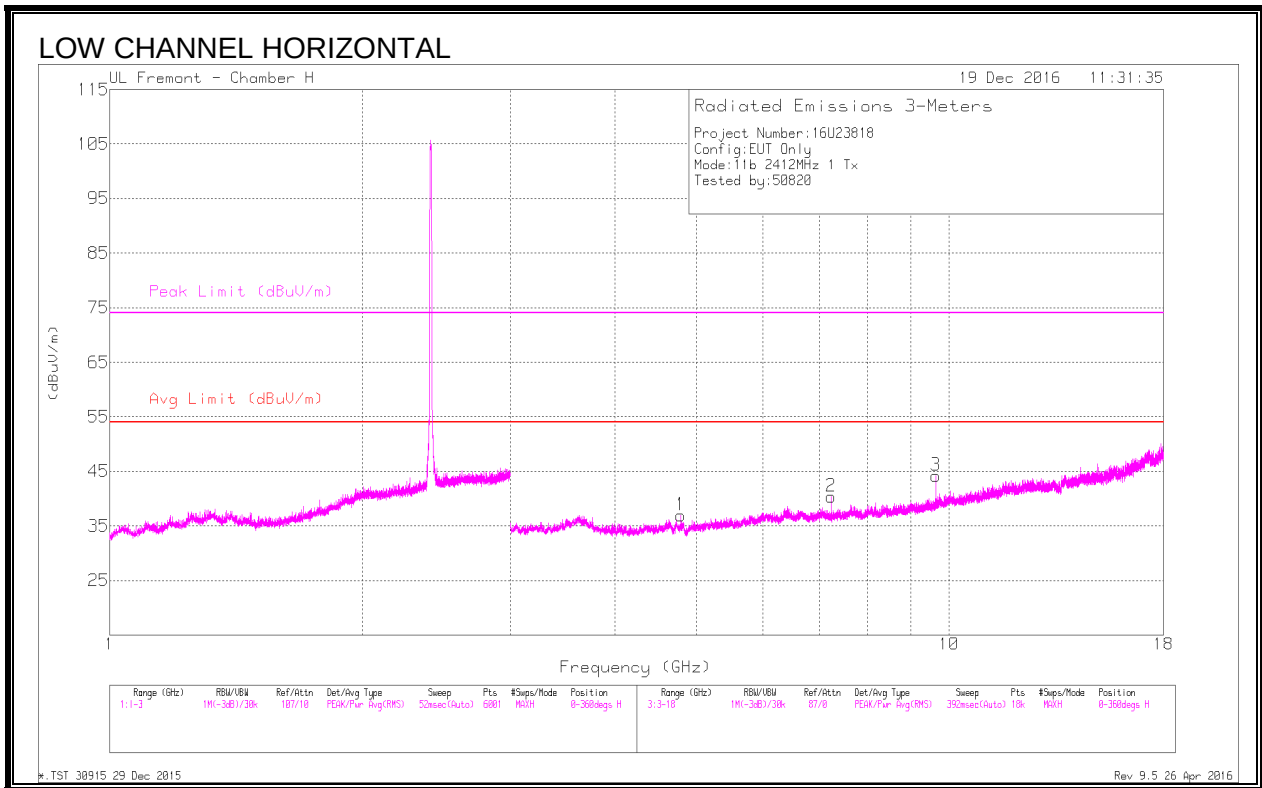
Pk - Peak detector

RMS - RMS detection

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HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL, CH 1)



Marker	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
4	* 1.388	37.8	PK2	29.4	-21.8	45.4	-	-	74	-28.6	127	293	V
	* 1.387	23.19	MAv1	29.4	-21.8	30.79	54	-23.21	-	-	127	293	V
1	* 4.791	43.23	PK2	34	-35	42.23	-	-	74	-31.77	316	130	H
	* 4.794	32.37	MAv1	34	-34.9	31.47	54	-22.53	-	-	316	130	H
2	7.235	34.94	MAv1	35.7	-31.7	38.94	-	-	-	-	137	162	V
	7.236	43.08	PK2	35.7	-31.7	47.08	-	-	-	-	135	100	H
5	7.237	35.48	MAv1	35.7	-31.7	39.48	-	-	-	-	135	100	H
	7.238	42.77	PK2	35.7	-31.7	46.77	-	-	-	-	137	162	V
3	9.648	41.86	PK2	37	-28.9	49.96	-	-	-	-	148	206	H
	9.648	35.44	MAv1	37	-28.9	43.54	-	-	-	-	148	206	H
6	9.648	43.9	PK2	37	-28.9	52	-	-	-	-	131	113	V
	9.648	38.83	MAv1	37	-28.9	46.93	-	-	-	-	131	113	V

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

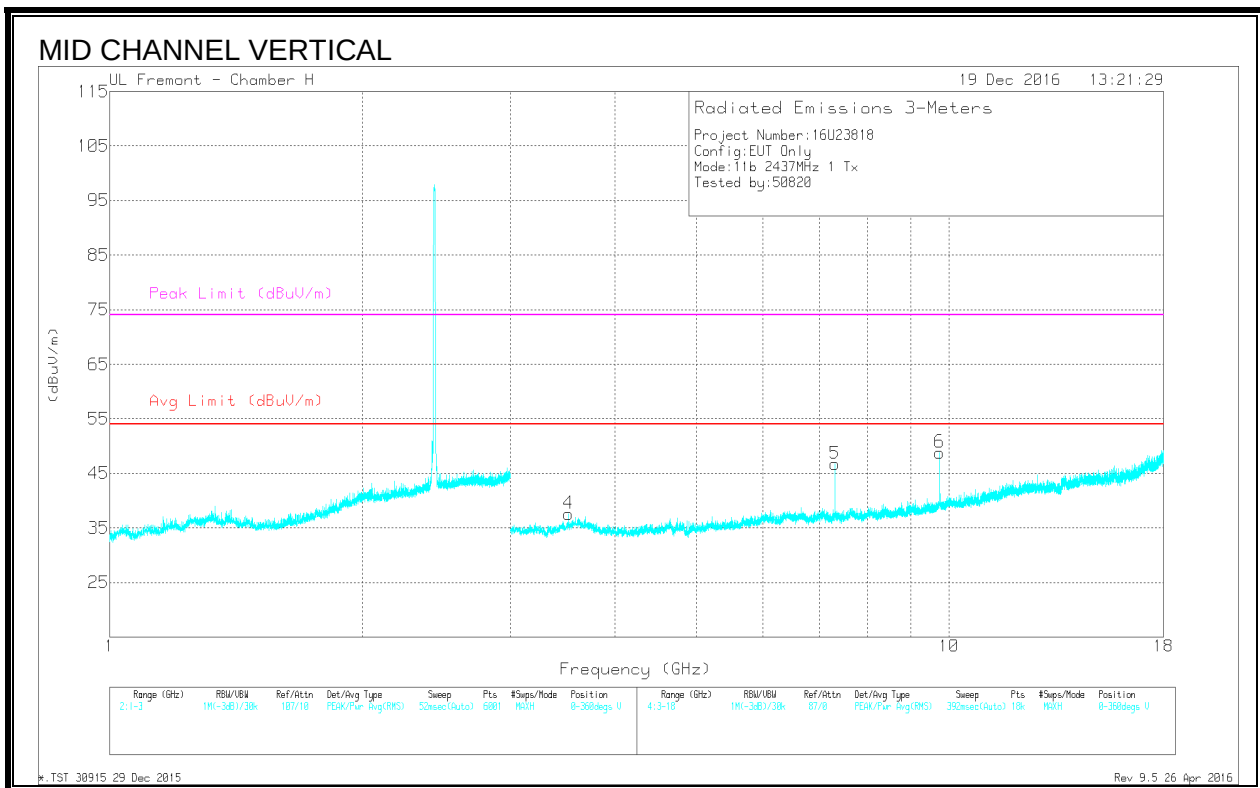
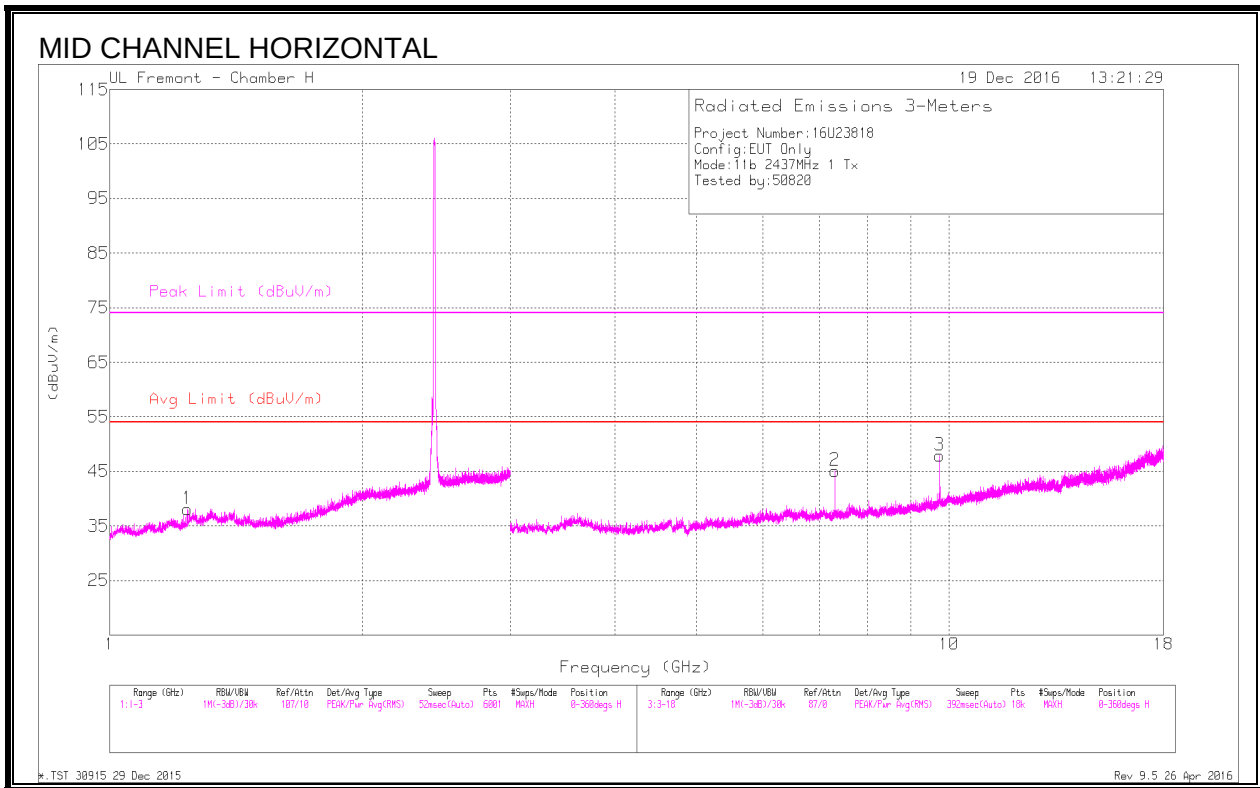
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL, CH 6)



Marker	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	* 1.239	37.63	PK2	29.1	-22.2	44.53	-	-	74	-29.47	53	285	H
	* 1.241	23.13	MAv1	29.1	-22.3	29.93	54	-24.07	-	-	53	285	H
2	* 7.31	45.88	PK2	35.7	-31.4	50.18	-	-	74	-23.82	148	104	H
	* 7.312	38.92	MAv1	35.7	-31.4	43.22	54	-10.78	-	-	148	104	H
4	* 3.522	45.23	PK2	34.3	-35.9	43.63	-	-	74	-30.37	92	233	V
	* 3.519	33.7	MAv1	34.3	-36	32	54	-22	-	-	92	233	V
5	* 7.313	46.95	PK2	35.7	-31.4	51.25	-	-	74	-22.75	134	110	V
	* 7.312	40.48	MAv1	35.7	-31.4	44.78	54	-9.22	-	-	134	110	V
3	9.748	44.07	PK2	37.2	-28.7	52.57	-	-	-	-	146	185	H
	9.748	38.85	MAv1	37.2	-28.7	47.35	-	-	-	-	146	185	H
6	9.748	45.41	PK2	37.2	-28.7	53.91	-	-	-	-	143	165	V
	9.748	41.03	MAv1	37.2	-28.7	49.53	-	-	-	-	143	165	V

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

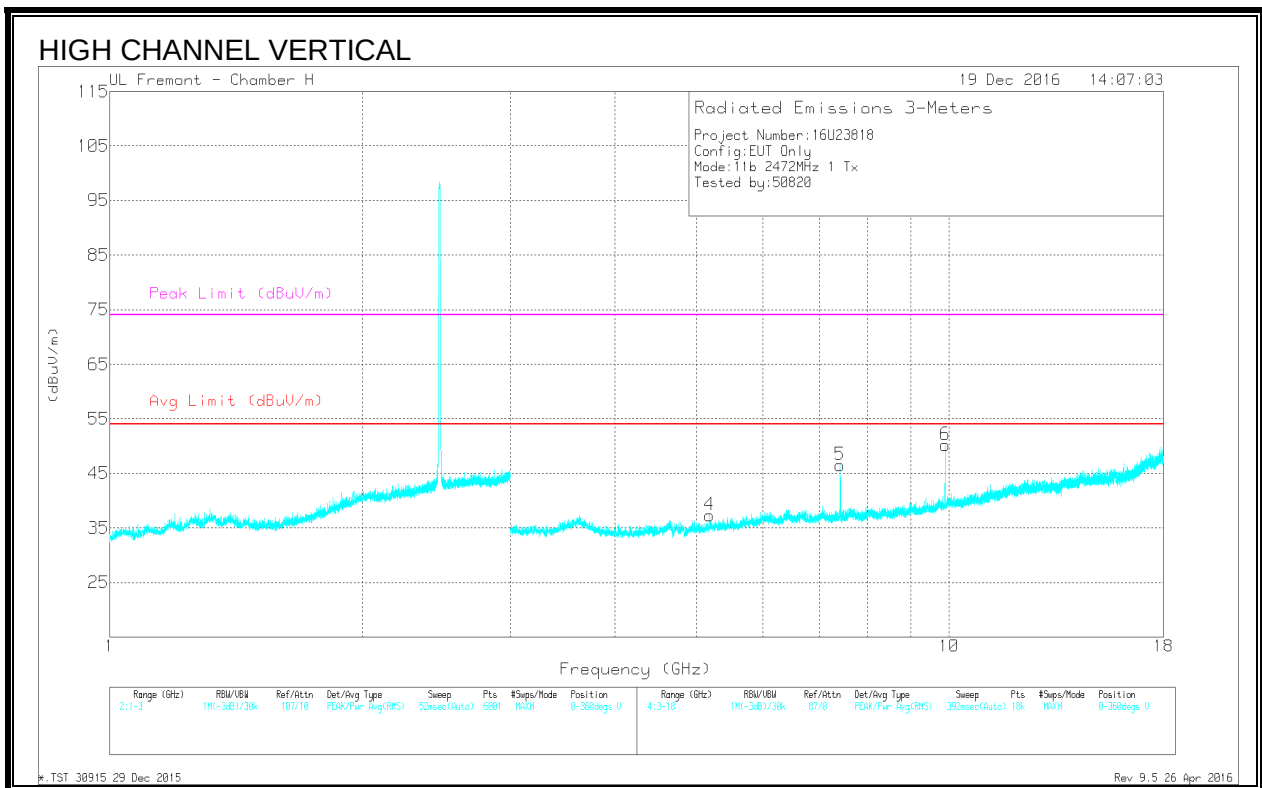
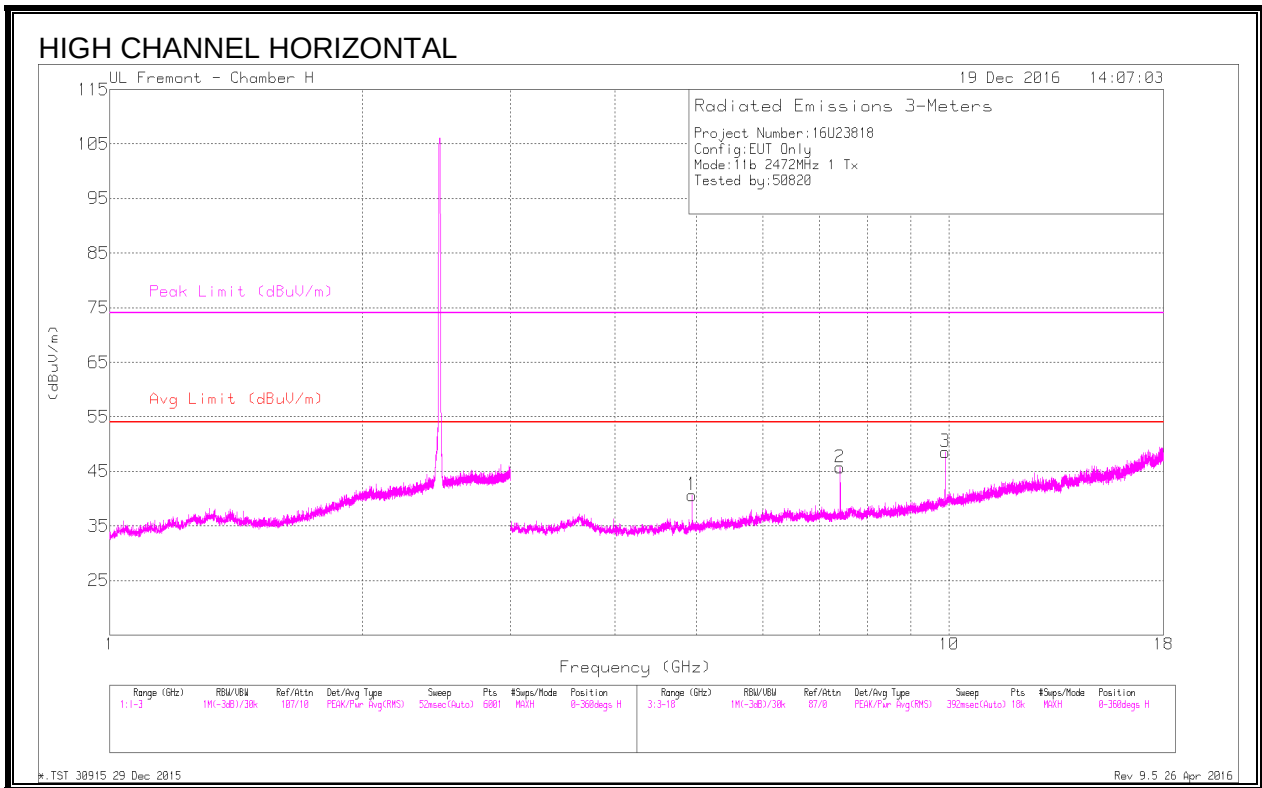
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL, CH 13)



Marker	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	* 4.944	43.58	PK2	34	-34.3	43.28	-	-	74	-30.72	174	212	H
	* 4.944	34.99	MAv1	34	-34.3	34.69	54	-19.31	-	-	174	212	H
2	* 7.414	45.5	PK2	35.7	-31	50.2	-	-	74	-23.8	146	100	H
	* 7.415	39.87	MAv1	35.7	-31.1	44.47	54	-9.53	-	-	146	100	H
5	* 7.415	46.44	PK2	35.7	-31.1	51.04	-	-	74	-22.96	130	106	V
	* 7.415	40.63	MAv1	35.7	-31.1	45.23	54	-8.77	-	-	130	106	V
4	5.184	42.83	PK2	34.4	-34.1	43.13	-	-	-	-	282	316	V
	5.185	31.47	MAv1	34.4	-34.1	31.77	-	-	-	-	282	316	V
6	9.888	45.34	PK2	37.4	-29.3	53.44	-	-	-	-	145	223	H
	9.888	41.35	MAv1	37.4	-29.3	49.45	-	-	-	-	145	223	H
3	9.888	45.81	PK2	37.4	-29.3	53.91	-	-	-	-	141	105	V
	9.888	41.51	MAv1	37.4	-29.3	49.61	-	-	-	-	141	105	V

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

PK2 - KDB558074 Method: Maximum Peak

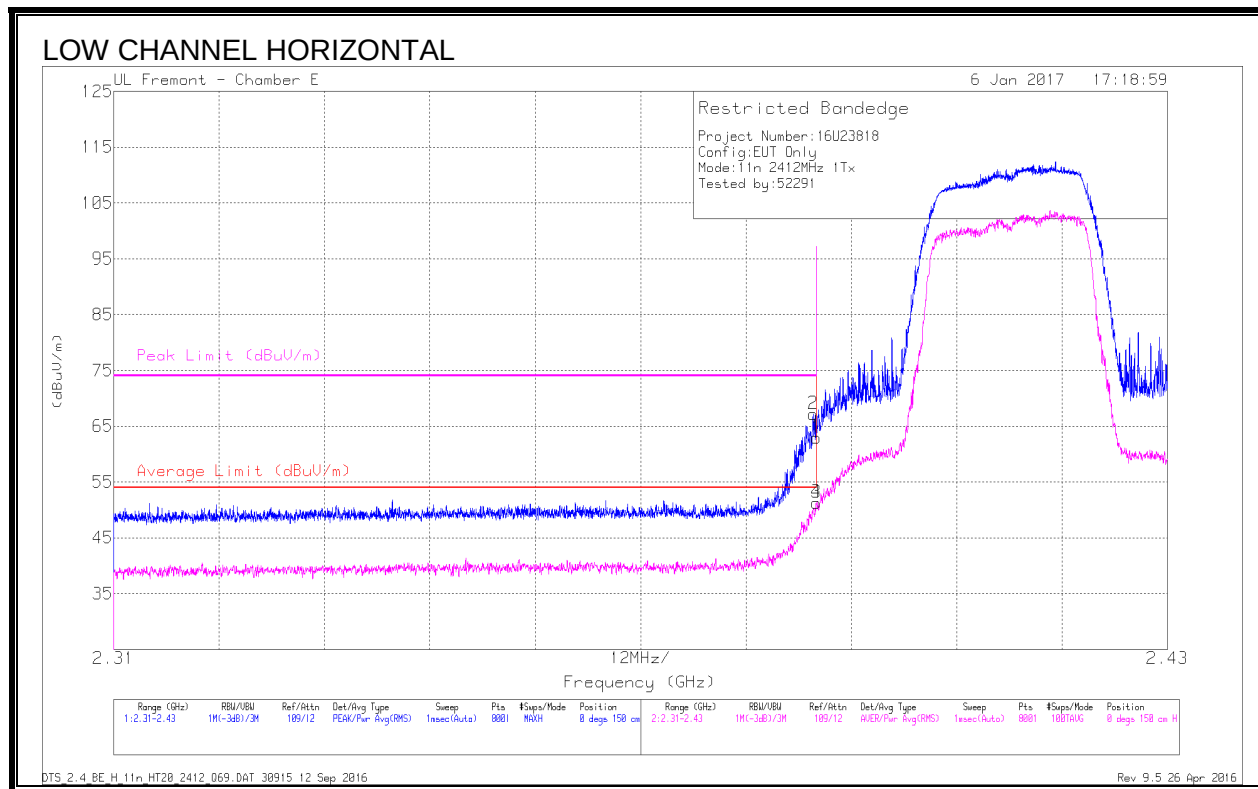
MAv1 - KDB558074 Option 1 Maximum RMS Average

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9.2.3. 11n HT20 ANTENNA A SISO MODE IN THE 2.4GHZ BAND

AUTHORIZED BANDEGE (LOW CHANNEL, CH 1)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	50.53	Pk	32.1	-19.7	62.93	-	-	74	-11.07	0	150	H
2	* 2.39	54.78	Pk	32.1	-19.7	67.18	-	-	74	-6.82	0	150	H
3	* 2.39	38.88	RMS	32.1	-19.7	51.28	54	-2.72	-	-	0	150	H
4	* 2.39	38.94	RMS	32.1	-19.7	51.34	54	-2.66	-	-	0	150	H

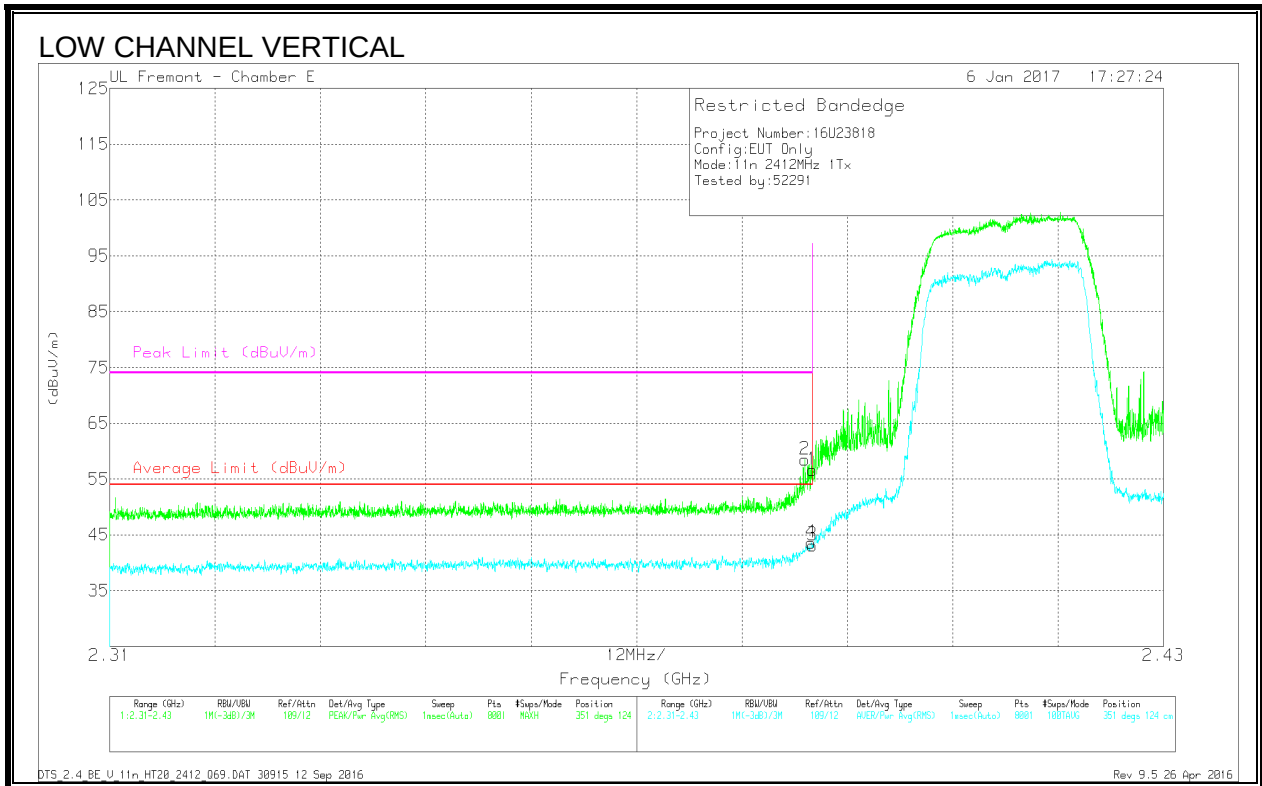
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.19	Pk	32.1	-19.7	56.59	-	-	74	-17.41	351	124	V
2	* 2.389	46.08	Pk	32.1	-19.7	58.48	-	-	74	-15.52	351	124	V
3	* 2.39	30.75	RMS	32.1	-19.7	43.15	54	-10.85	-	-	351	124	V
4	* 2.39	31.2	RMS	32.1	-19.7	43.6	54	-10.4	-	-	351	124	V

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

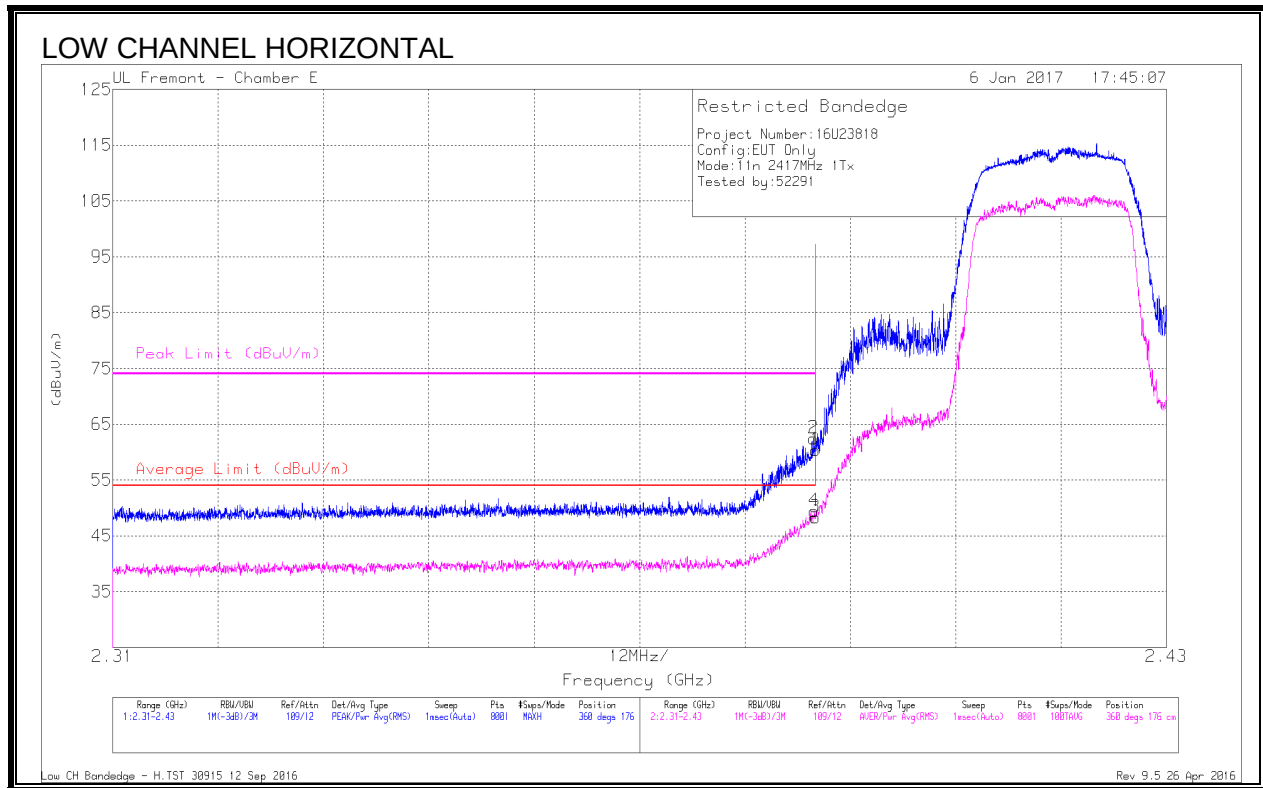
Pk - Peak detector

RMS - RMS detection

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AUTHORIZED BANDEDGE (LOW CHANNEL, CH 2)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	47.9	Pk	32.1	-19.7	60.3	-	-	74	-13.7	360	176	H
2	* 2.39	50.06	Pk	32.1	-19.7	62.46	-	-	74	-11.54	360	176	H
3	* 2.39	35.86	RMS	32.1	-19.7	48.26	54	-5.74	-	-	360	176	H
4	* 2.39	37	RMS	32.1	-19.7	49.4	54	-4.6	-	-	360	176	H

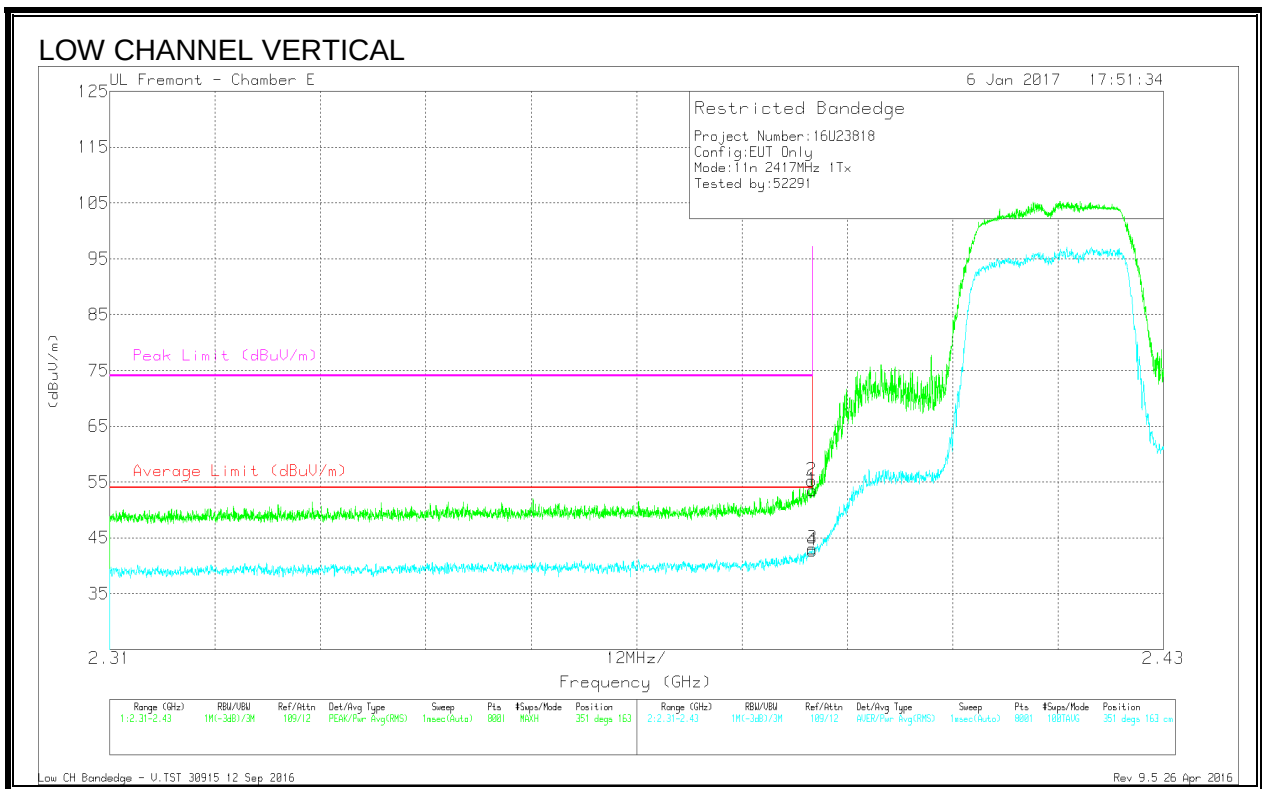
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.08	Pk	32.1	-19.7	53.48	-	-	74	-20.52	351	163	V
2	* 2.39	42.87	Pk	32.1	-19.7	55.27	-	-	74	-18.73	351	163	V
3	* 2.39	30.7	RMS	32.1	-19.7	43.1	54	-10.9	-	-	351	163	V
4	* 2.39	30.34	RMS	32.1	-19.7	42.74	54	-11.26	-	-	351	163	V

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

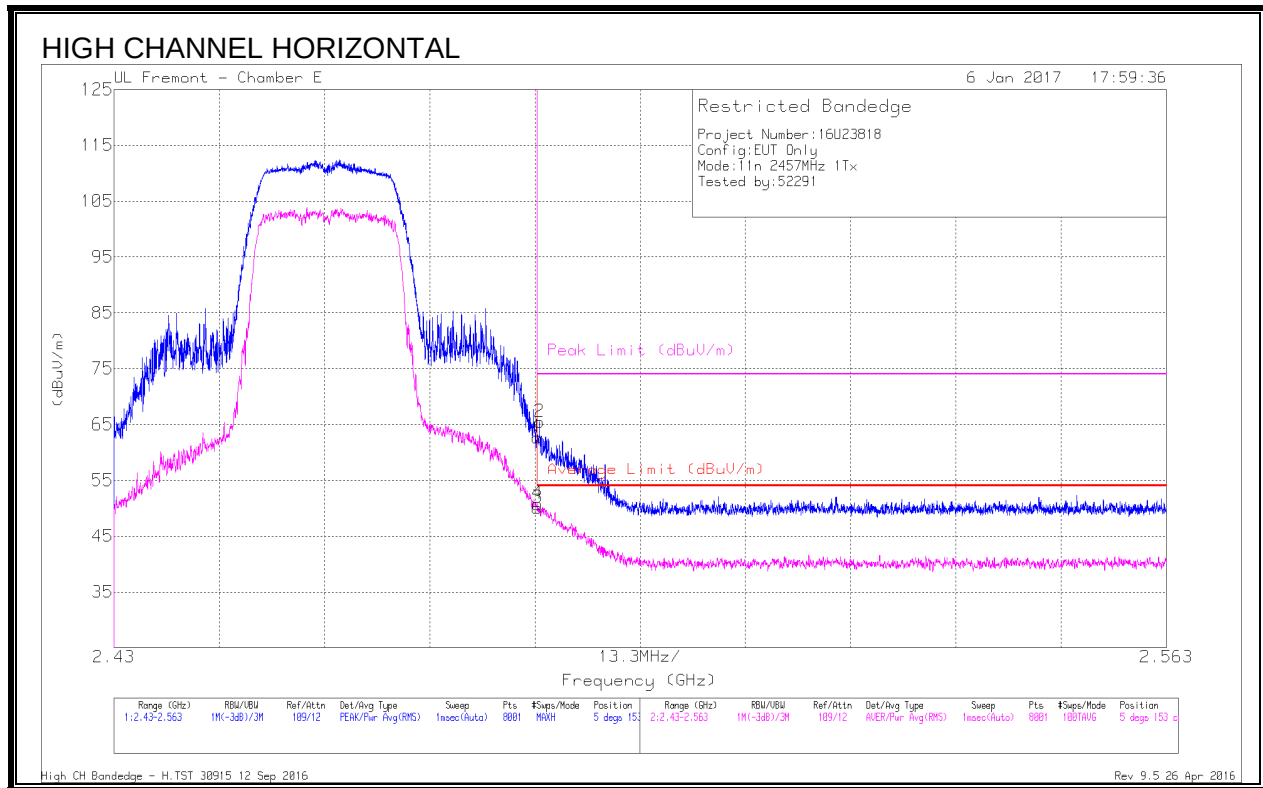
Pk - Peak detector

RMS - RMS detection

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AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 10)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/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	50.11	Pk	32.3	-19.7	62.71	-	-	74	-11.29	5	153	H
2	* 2.484	52.85	Pk	32.3	-19.7	65.45	-	-	74	-8.55	5	153	H
3	* 2.484	37.47	RMS	32.3	-19.7	50.07	54	-3.93	-	-	5	153	H
4	* 2.484	38.17	RMS	32.3	-19.7	50.77	54	-3.23	-	-	5	153	H

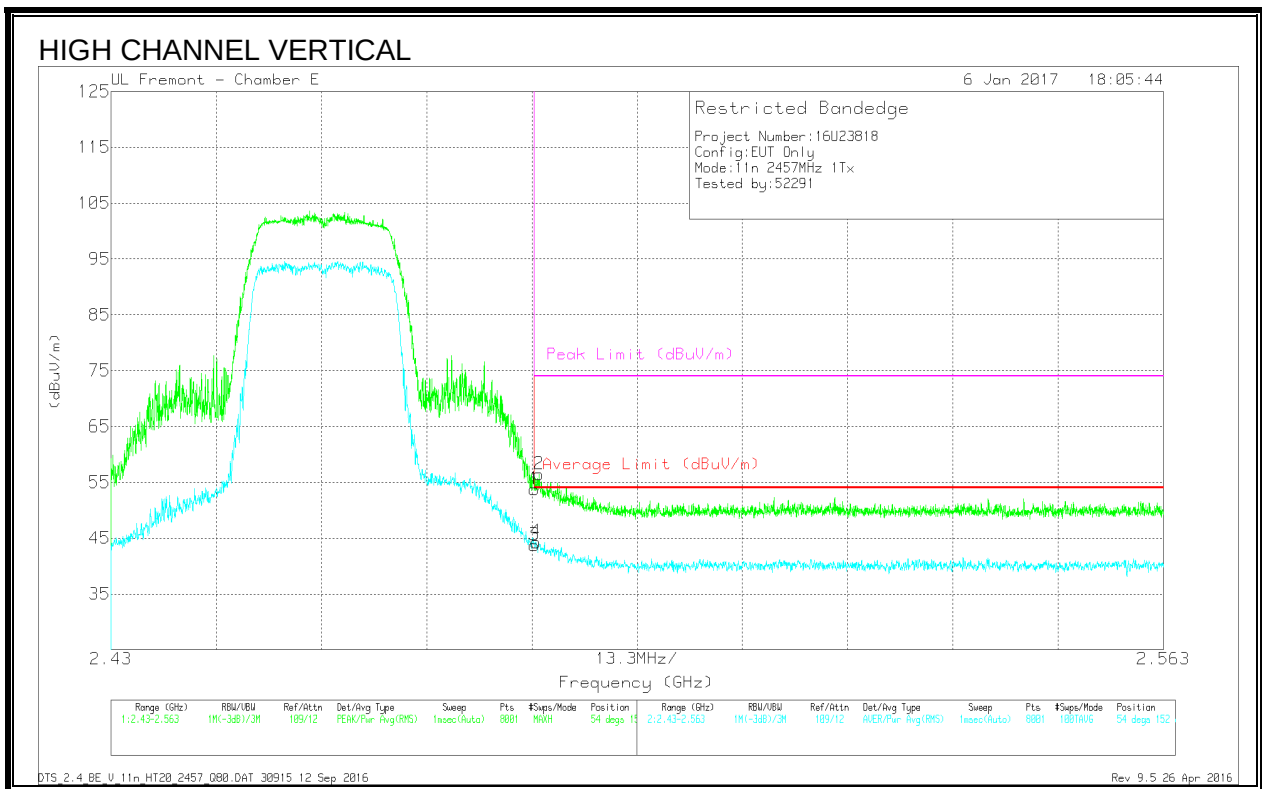
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.13	Pk	32.3	-19.7	53.73	-	-	74	-20.27	54	152	V
2	* 2.484	43.81	Pk	32.3	-19.7	56.41	-	-	74	-17.59	54	152	V
3	* 2.484	31.1	RMS	32.3	-19.7	43.7	54	-10.3	-	-	54	152	V
4	* 2.484	31.69	RMS	32.3	-19.7	44.29	54	-9.71	-	-	54	152	V

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

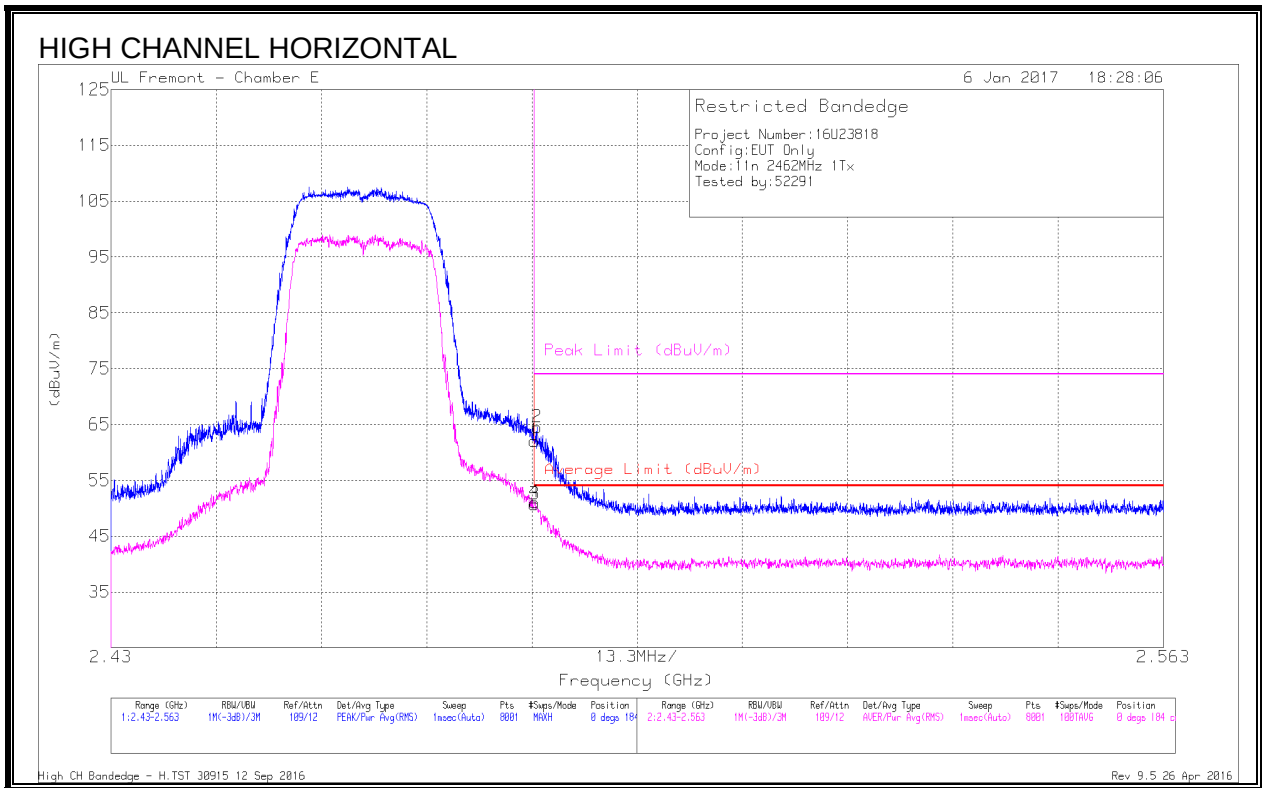
Pk - Peak detector

RMS - RMS detection

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AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 11)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/C bl/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	49.45	Pk	32.3	-19.7	62.05	-	-	74	-11.95	0	184	H
2	* 2.484	51.89	Pk	32.3	-19.7	64.49	-	-	74	-9.51	0	184	H
3	* 2.484	38.08	RMS	32.3	-19.7	50.68	54	-3.32	-	-	0	184	H
4	* 2.484	38.47	RMS	32.3	-19.7	51.07	54	-2.93	-	-	0	184	H

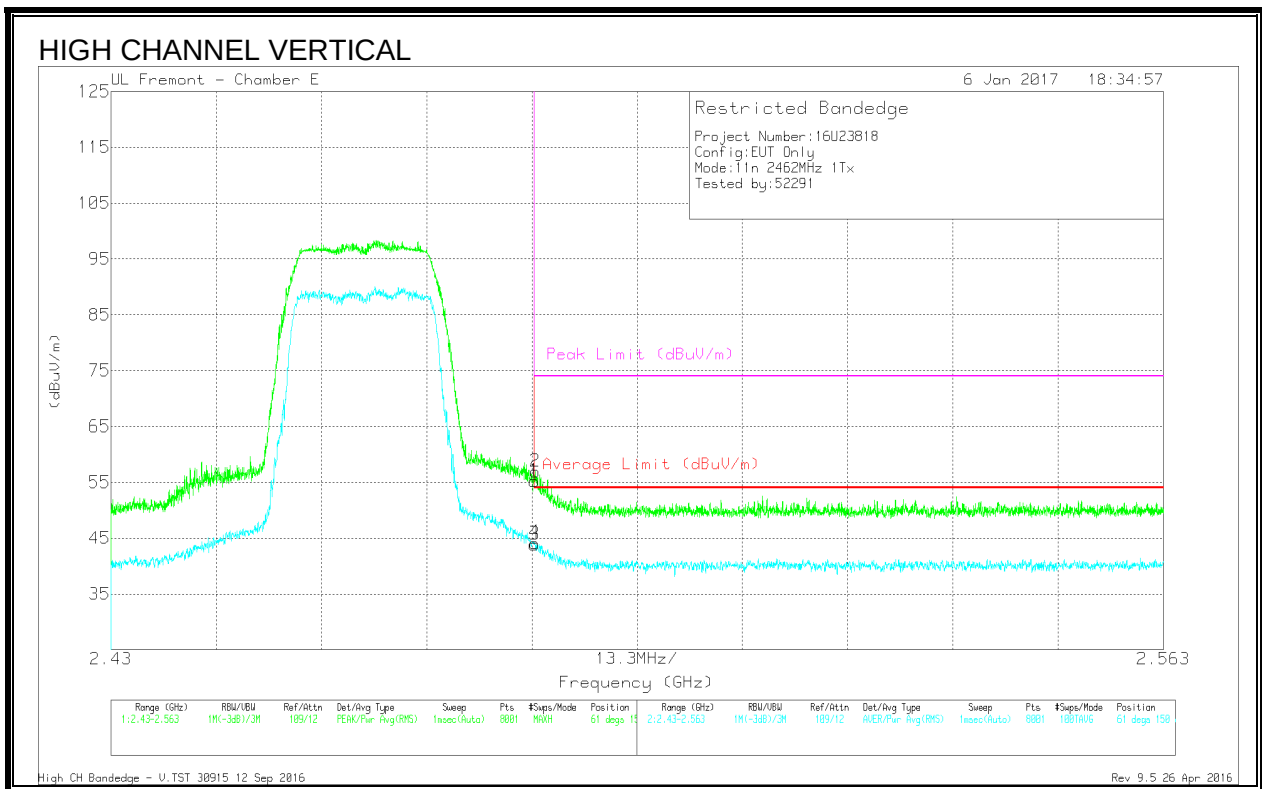
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/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	42.62	Pk	32.3	-19.7	55.22	-	-	74	-18.78	61	150	V
2	* 2.484	44.3	Pk	32.3	-19.7	56.9	-	-	74	-17.1	61	150	V
3	* 2.484	31.27	RMS	32.3	-19.7	43.87	54	-10.13	-	-	61	150	V
4	* 2.484	31.53	RMS	32.3	-19.7	44.13	54	-9.87	-	-	61	150	V

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

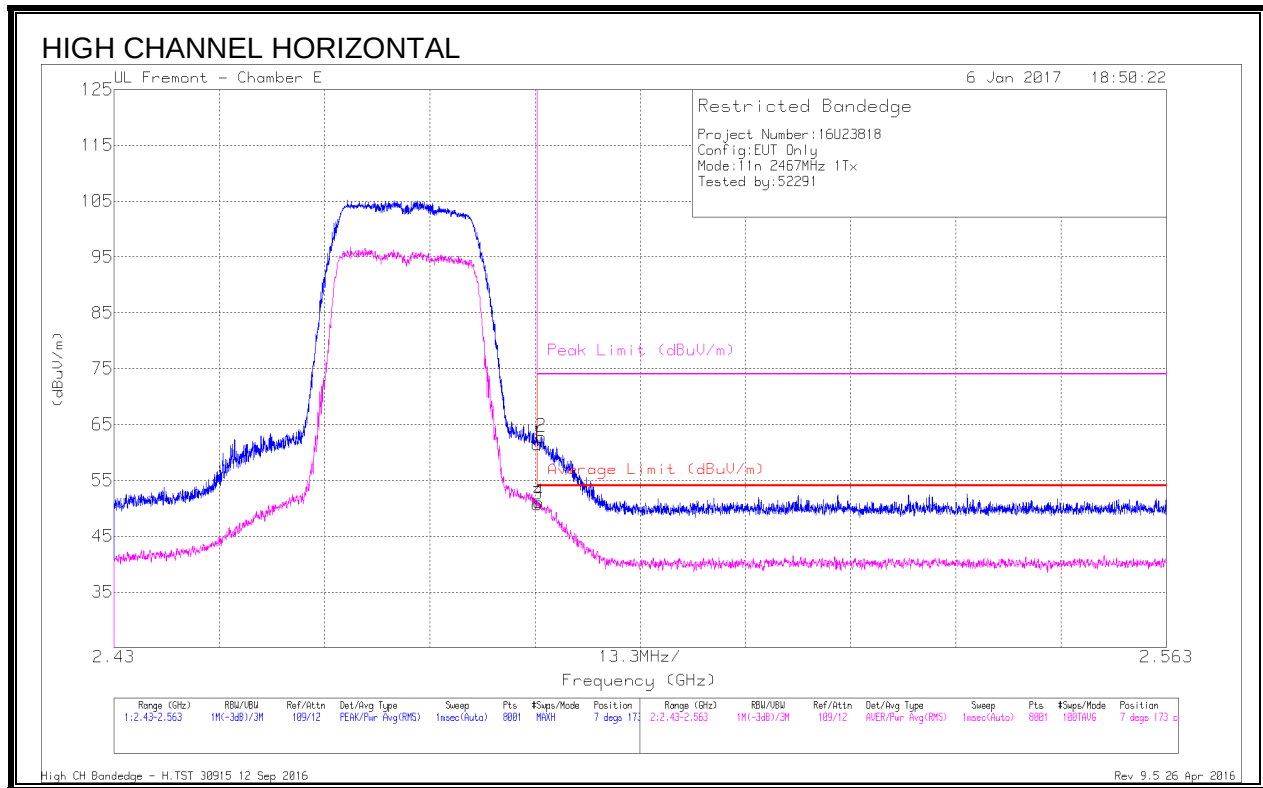
Pk - Peak detector

RMS - RMS detection

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AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 12)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.91	Pk	32.3	-19.7	61.51	-	-	74	-12.49	7	173	H
2	* 2.484	50.23	Pk	32.3	-19.7	62.83	-	-	74	-11.17	7	173	H
3	* 2.484	38.07	RMS	32.3	-19.7	50.67	54	-3.33	-	-	7	173	H
4	* 2.484	38.48	RMS	32.3	-19.7	51.08	54	-2.92	-	-	7	173	H

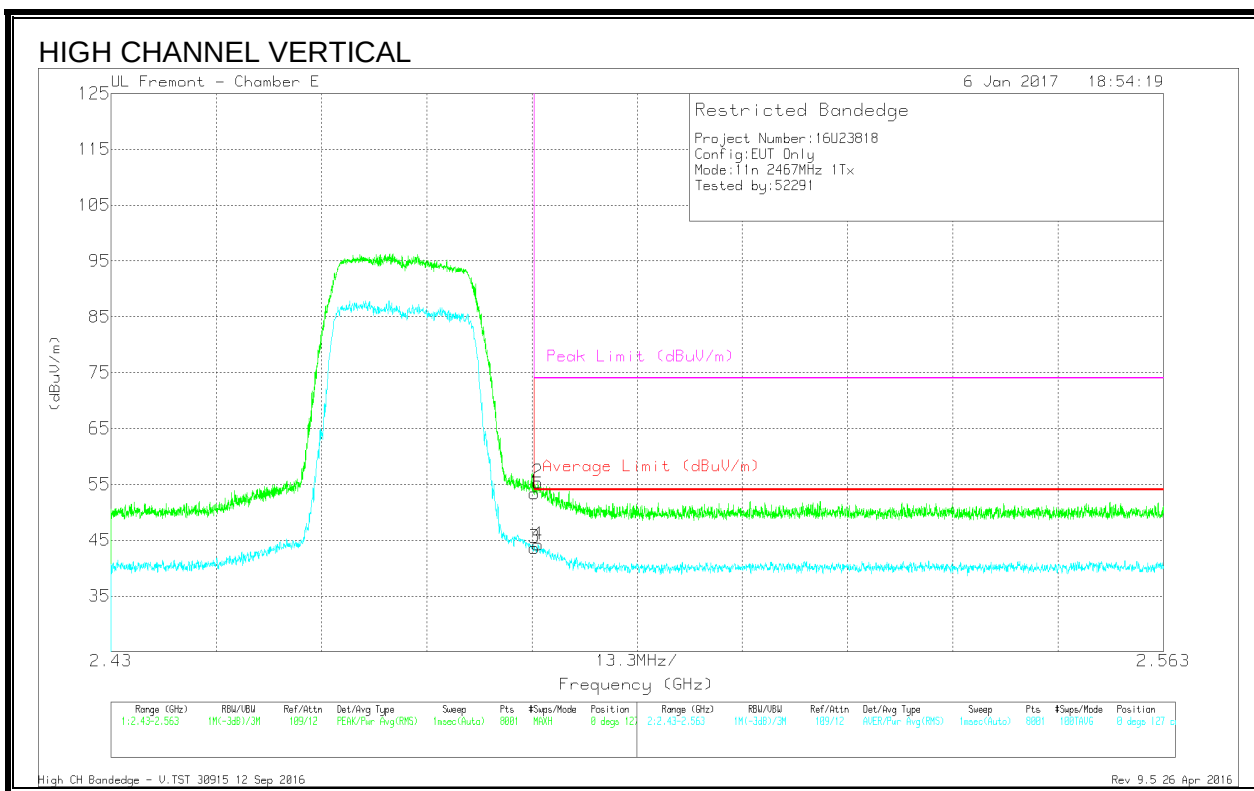
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.83	Pk	32.3	-19.7	53.43	-	-	74	-20.57	0	127	V
2	* 2.484	42.75	Pk	32.3	-19.7	55.35	-	-	74	-18.65	0	127	V
3	* 2.484	31.05	RMS	32.3	-19.7	43.65	54	-10.35	-	-	0	127	V
4	* 2.484	31.63	RMS	32.3	-19.7	44.23	54	-9.77	-	-	0	127	V

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

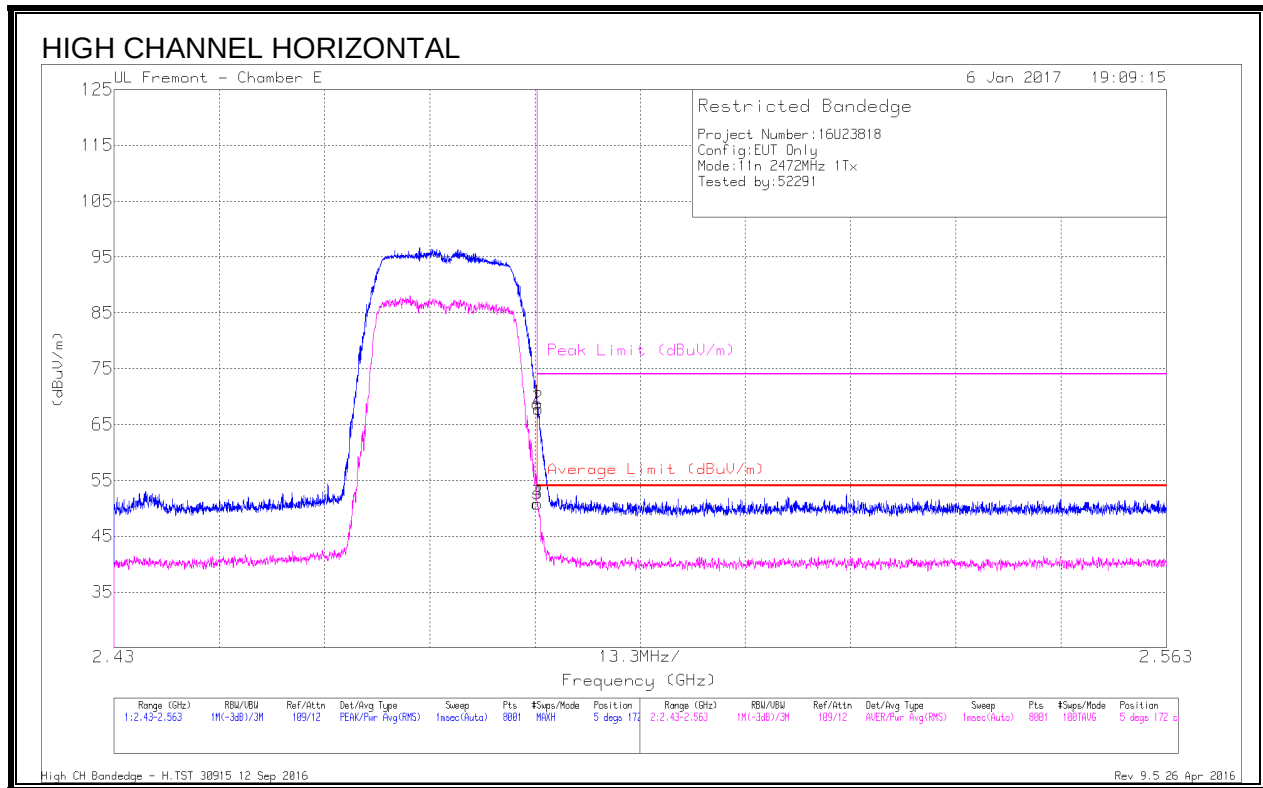
Pk - Peak detector

RMS - RMS detection

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AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 13)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	56.2	Pk	32.3	-19.7	68.8	-	-	74	-5.2	5	172	H
2	* 2.484	55.23	Pk	32.3	-19.7	67.83	-	-	74	-6.17	5	172	H
3	* 2.484	38.24	RMS	32.3	-19.7	50.84	54	-3.16	-	-	5	172	H
4	* 2.484	38.25	RMS	32.3	-19.7	50.85	54	-3.15	-	-	5	172	H

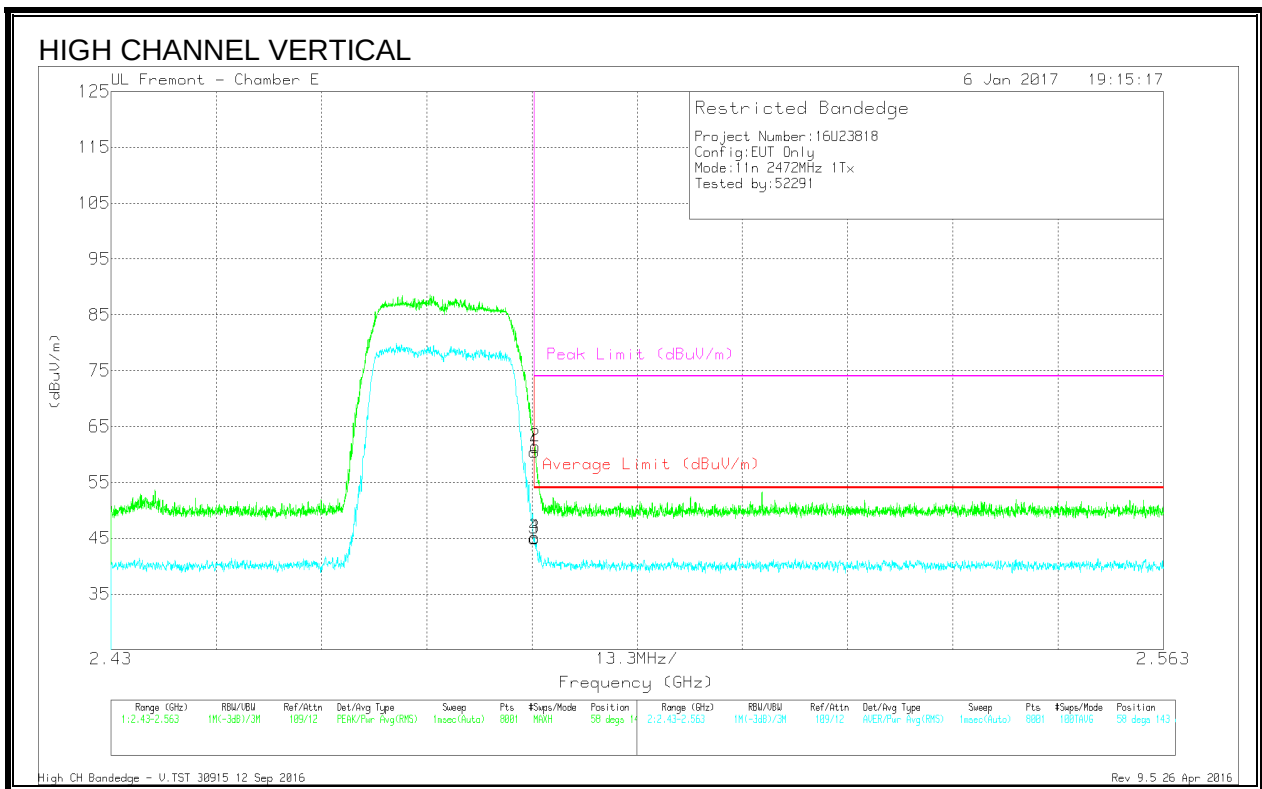
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/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	47.93	Pk	32.3	-19.7	60.53	-	-	74	-13.47	58	143	V
2	* 2.484	48.8	Pk	32.3	-19.7	61.4	-	-	74	-12.6	58	143	V
3	* 2.484	32.4	RMS	32.3	-19.7	45	54	-9	-	-	58	143	V
4	* 2.484	32.55	RMS	32.3	-19.7	45.15	54	-8.85	-	-	58	143	V

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

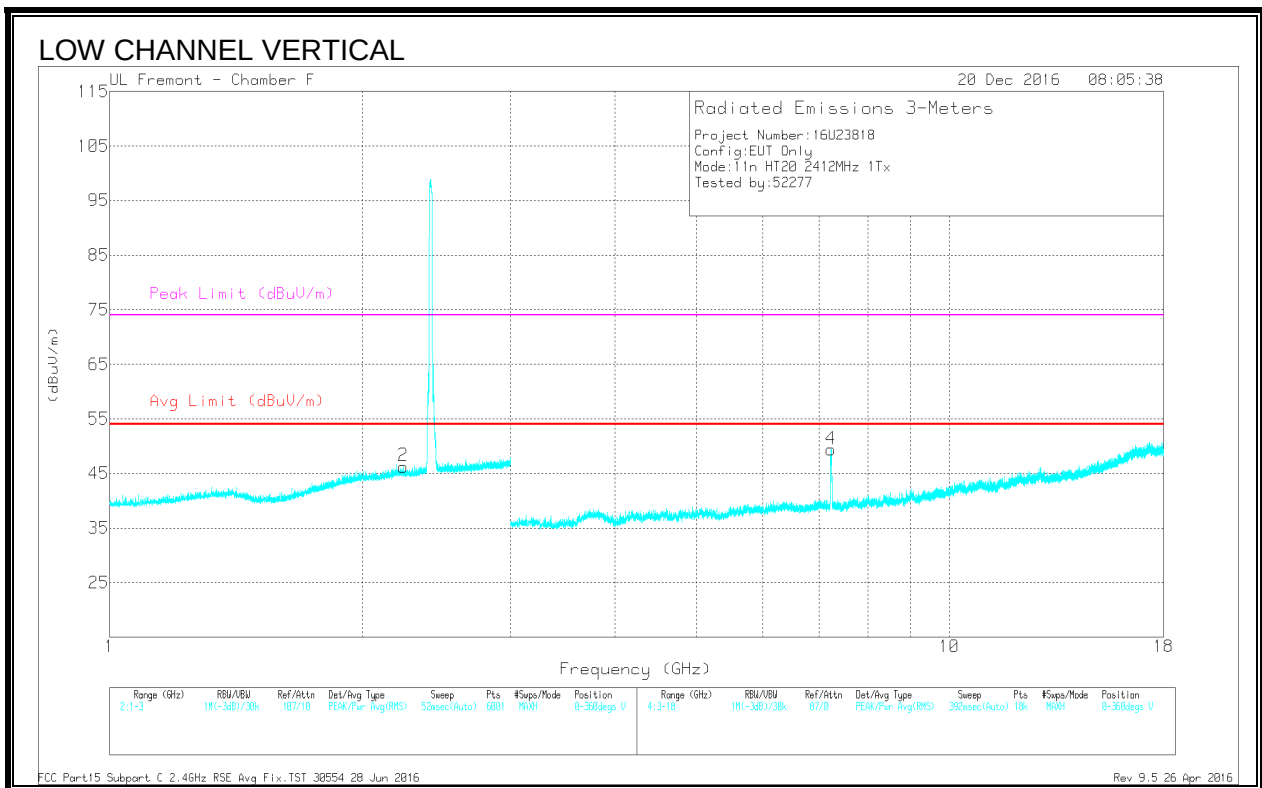
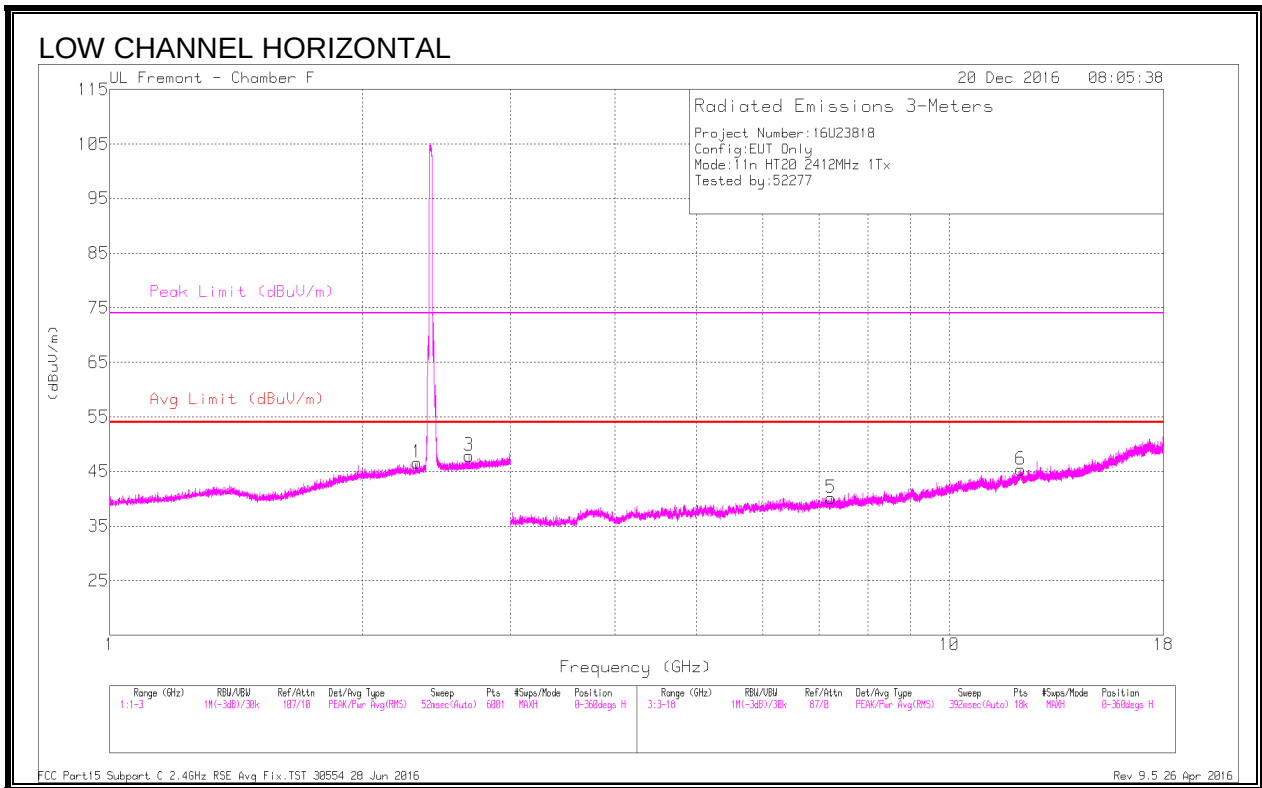
Pk - Peak detector

RMS - RMS detection

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HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL, CH 1)



	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T344 (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	* 2.326	41.57	PK2	31.8	-20.9	52.47	-	-	74	-21.53	174	113	H
	* 2.325	30.43	MAv1	31.8	-20.9	41.33	54	-12.67	-	-	174	113	H
2	* 2.68	41.64	PK2	32.3	-20.6	53.34	-	-	74	-20.66	235	261	H
	* 2.681	30.39	MAv1	32.3	-20.6	42.09	54	-11.91	-	-	235	261	H
3	* 2.24	42.89	PK2	31.8	-21	53.69	-	-	74	-20.31	66	187	V
	* 2.237	30.37	MAv1	31.8	-21	41.17	54	-12.83	-	-	66	187	V
5	7.229	44.94	PK2	35.6	-26	54.54	-	-	-	-	291	323	H
	7.231	30.38	MAv1	35.6	-26	39.98	-	-	-	-	291	323	H
6	* 12.163	33.85	PK2	38.9	-21.4	51.35	-	-	74	-22.65	360	300	H
	* 12.165	23.72	MAv1	38.9	-21.4	41.22	54	-12.78	-	-	360	300	H
4	7.23	47.98	PK2	35.6	-26	57.58	-	-	-	-	318	111	V
	7.23	35.18	MAv1	35.6	-26	44.78	-	-	-	-	318	111	V

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

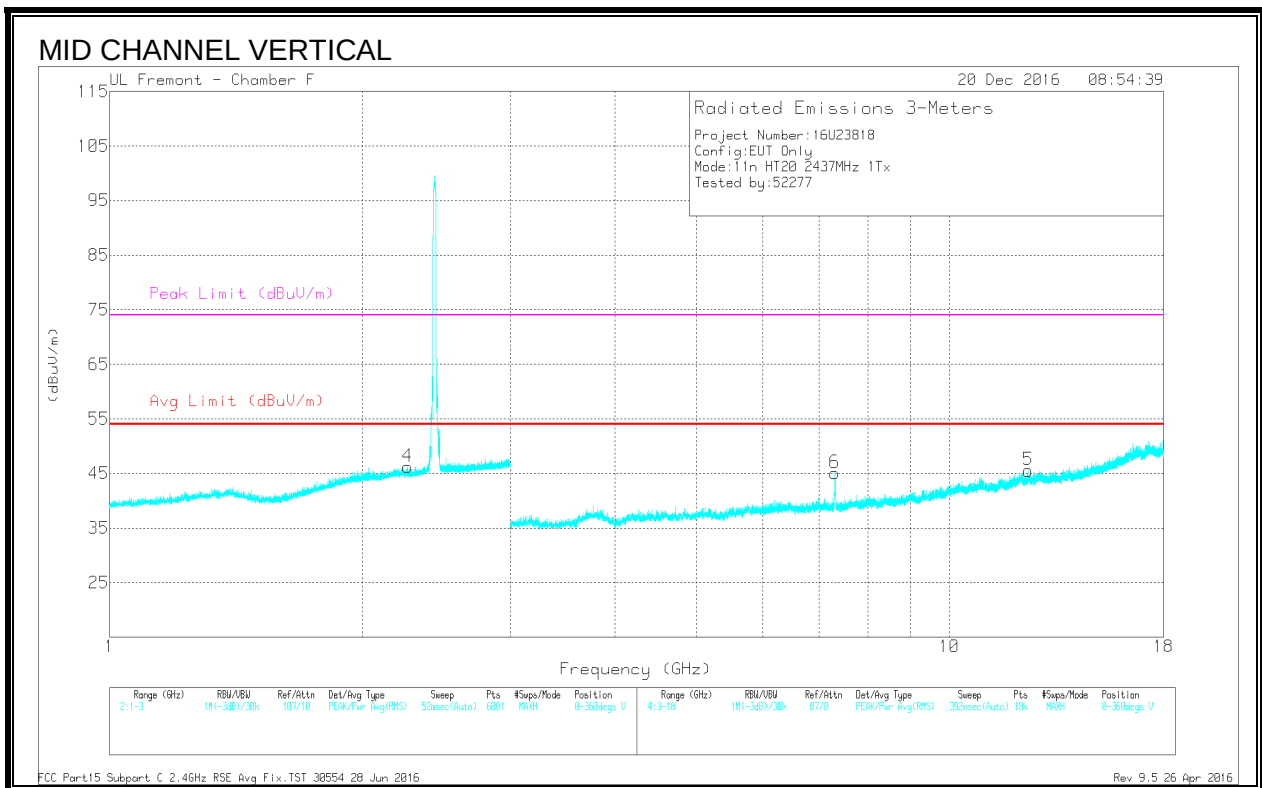
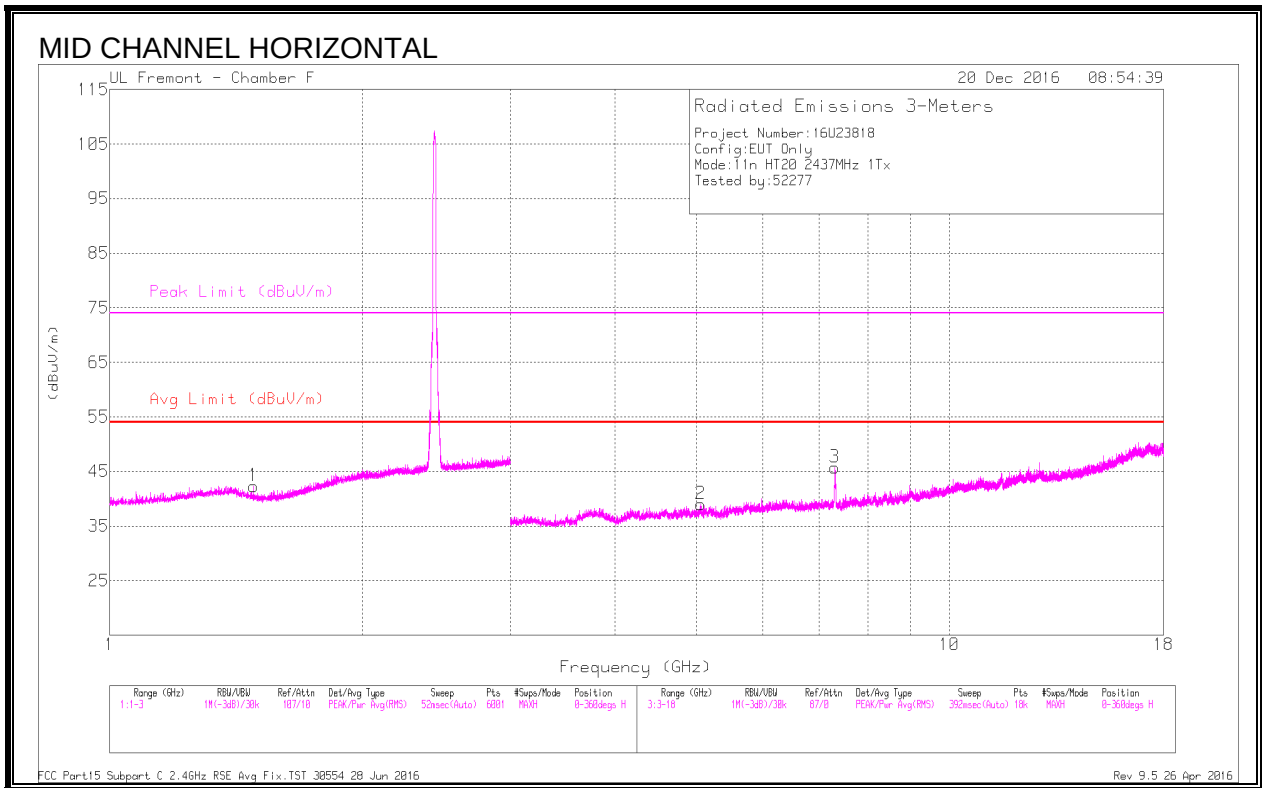
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL, CH 6)



Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pa d (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	* 1.484	41.71	PK2	28.2	-22	47.91	-	-	74	-26.09	176	376	H
	* 1.483	30.46	MAv1	28.2	-22	36.66	54	-17.34	-	-	176	376	H
4	* 2.261	41.89	PK2	31.8	-21	52.69	-	-	74	-21.31	104	347	V
	* 2.262	30.55	MAv1	31.8	-21	41.35	54	-12.65	-	-	104	347	V
2	* 5.059	38.15	PK2	34.2	-27.8	44.55	-	-	74	-29.45	312	258	H
	* 5.059	27.31	MAv1	34.2	-27.9	33.61	54	-20.39	-	-	312	258	H
3	* 7.309	49.3	PK2	35.5	-26.5	58.3	-	-	74	-15.7	195	336	H
	* 7.311	36.15	MAv1	35.5	-26.5	45.15	54	-8.85	-	-	195	336	H
5	* 12.415	34.06	PK2	39	-22.1	50.96	-	-	74	-23.04	34	200	V
	* 12.414	23.7	MAv1	39	-22.1	40.6	54	-13.4	-	-	34	200	V
6	* 7.304	39.32	PK2	35.5	-26.5	48.32	-	-	74	-25.68	231	145	V
	* 7.305	29.17	MAv1	35.5	-26.5	38.17	54	-15.83	-	-	231	145	V

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

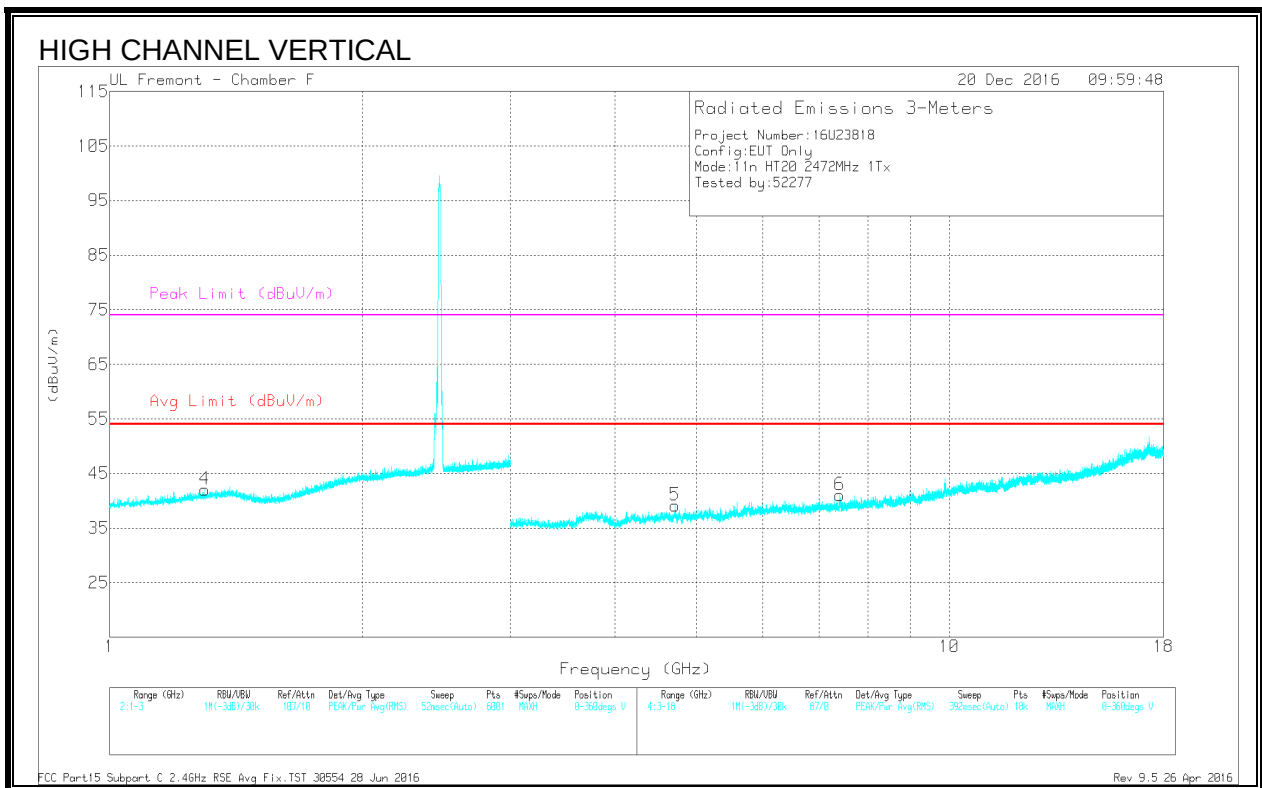
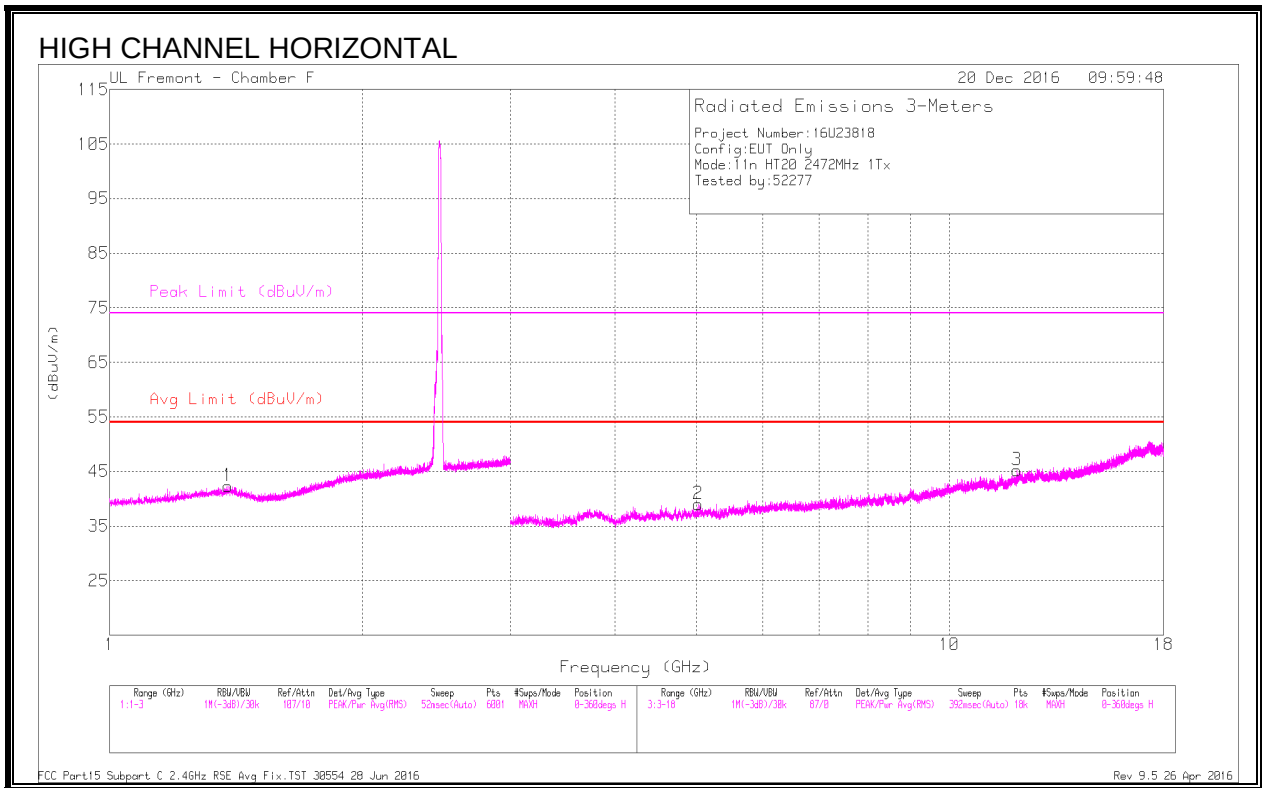
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL, CH 13)



Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pa d (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	* 1.383	41.61	PK2	29.2	-22.1	48.71	-	-	74	-25.29	301	303	H
	* 1.382	30.46	MAv1	29.2	-22.1	37.56	54	-16.44	-	-	301	303	H
4	* 1.299	41.9	PK2	28.9	-22.2	48.6	-	-	74	-25.4	126	292	V
	* 1.299	30.73	MAv1	28.9	-22.2	37.43	54	-16.57	-	-	126	292	V
2	* 5.024	38.87	PK2	34.2	-28.7	44.37	-	-	74	-29.63	271	241	H
	* 5.027	27.94	MAv1	34.2	-28.7	33.44	54	-20.56	-	-	271	241	H
3	* 12.038	34.38	PK2	38.8	-22.5	50.68	-	-	74	-23.32	99	101	H
	* 12.038	23.82	MAv1	38.8	-22.5	40.12	54	-13.88	-	-	99	101	H
5	* 4.716	38.51	PK2	34.1	-28.4	44.21	-	-	74	-29.79	56	346	V
	* 4.714	28.03	MAv1	34.1	-28.5	33.63	54	-20.37	-	-	56	346	V
6	* 7.41	43.47	PK2	35.6	-25.7	53.37	-	-	74	-20.63	34	115	V
	* 7.409	31.53	MAv1	35.6	-25.7	41.43	54	-12.57	-	-	34	115	V

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

PK2 - KDB558074 Method: Maximum Peak

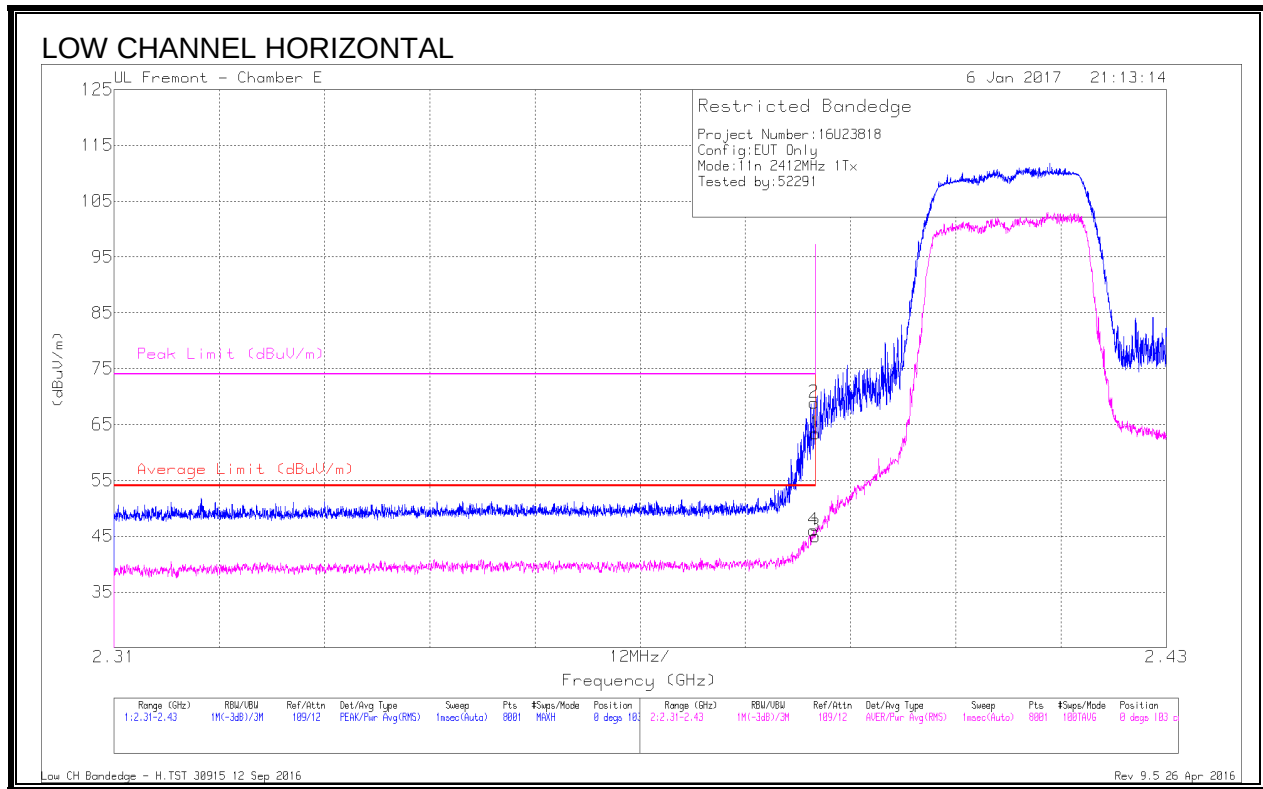
MAv1 - KDB558074 Option 1 Maximum RMS Average

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9.2.4. 11n HT20 ANTENNA B SISO MODE IN THE 2.4GHZ BAND

AUTHORIZED BANDEDGE (LOW CHANNEL, CH 1)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.39	51.01	Pk	32.1	-19.7	63.41	-	-	74	-10.59	0	103	H
2	*2.39	56.47	Pk	32.1	-19.7	68.87	-	-	74	-5.13	0	103	H
3	*2.39	32.63	RMS	32.1	-19.7	45.03	54	-8.97	-	-	0	103	H
4	*2.39	33.66	RMS	32.1	-19.7	46.06	54	-7.94	-	-	0	103	H

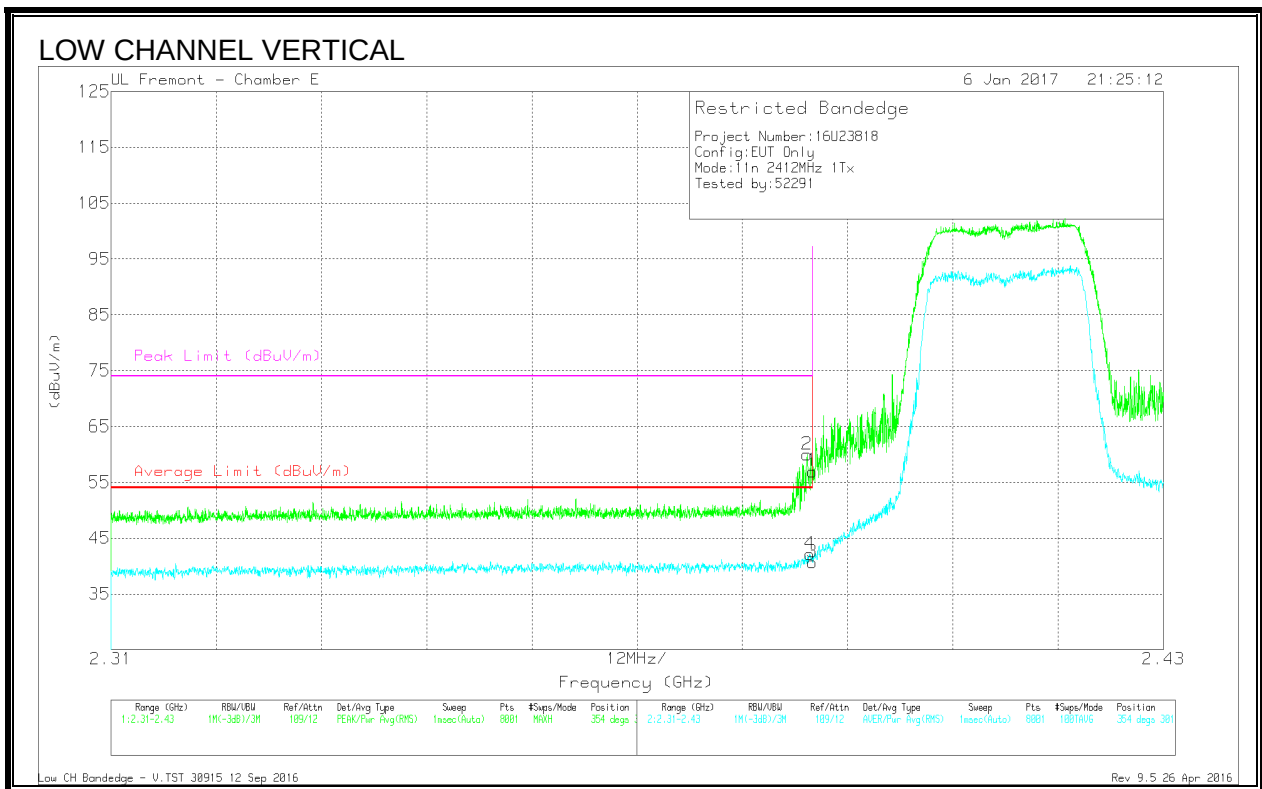
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.58	Pk	32.1	-19.7	56.98	-	-	74	-17.02	354	301	V
2	* 2.389	47.58	Pk	32.1	-19.7	59.98	-	-	74	-14.02	354	301	V
3	* 2.39	28.27	RMS	32.1	-19.7	40.67	54	-13.33	-	-	354	301	V
4	* 2.39	29.74	RMS	32.1	-19.7	42.14	54	-11.86	-	-	354	301	V

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

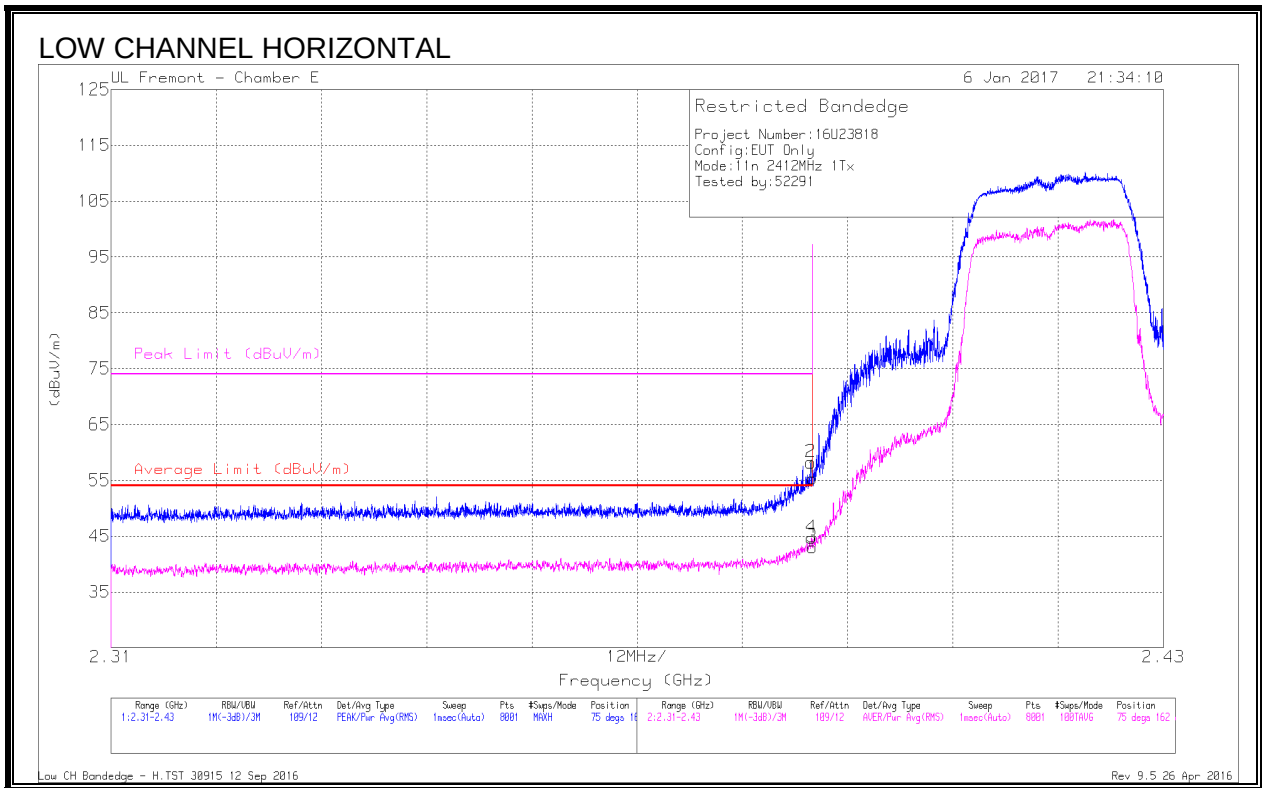
Pk - Peak detector

RMS - RMS detection

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AUTHORIZED BANDEDGE (LOW CHANNEL, CH 2)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.99	Pk	32.1	-19.7	55.39	-	-	74	-18.61	75	162	H
2	* 2.39	45.82	Pk	32.1	-19.7	58.22	-	-	74	-15.78	75	162	H
3	* 2.39	30.61	RMS	32.1	-19.7	43.01	54	-10.99	-	-	75	162	H
4	* 2.39	32.29	RMS	32.1	-19.7	44.69	54	-9.31	-	-	75	162	H

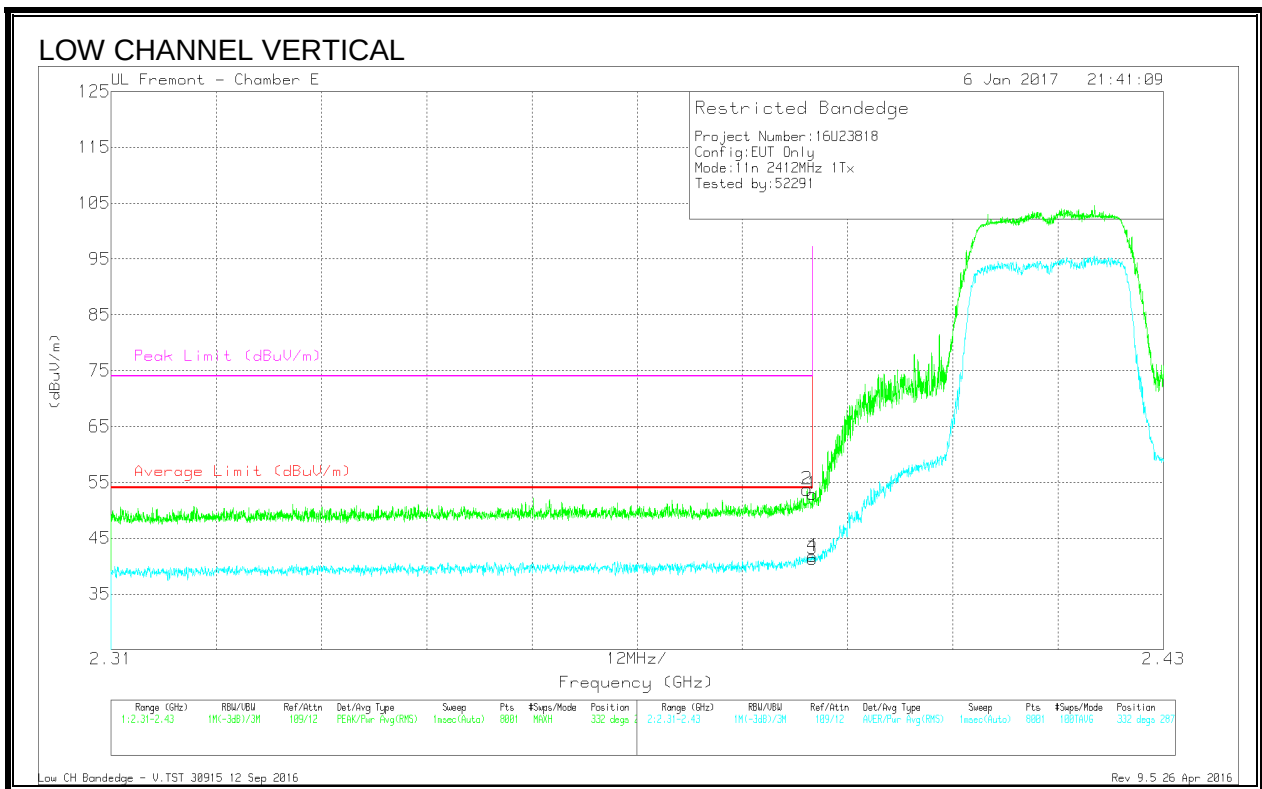
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	40.5	Pk	32.1	-19.7	52.9	-	-	74	-21.1	332	287	V
2	* 2.389	41.3	Pk	32.1	-19.7	53.7	-	-	74	-20.3	332	287	V
3	* 2.39	28.87	RMS	32.1	-19.7	41.27	54	-12.73	-	-	332	287	V
4	* 2.39	29.38	RMS	32.1	-19.7	41.78	54	-12.22	-	-	332	287	V

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

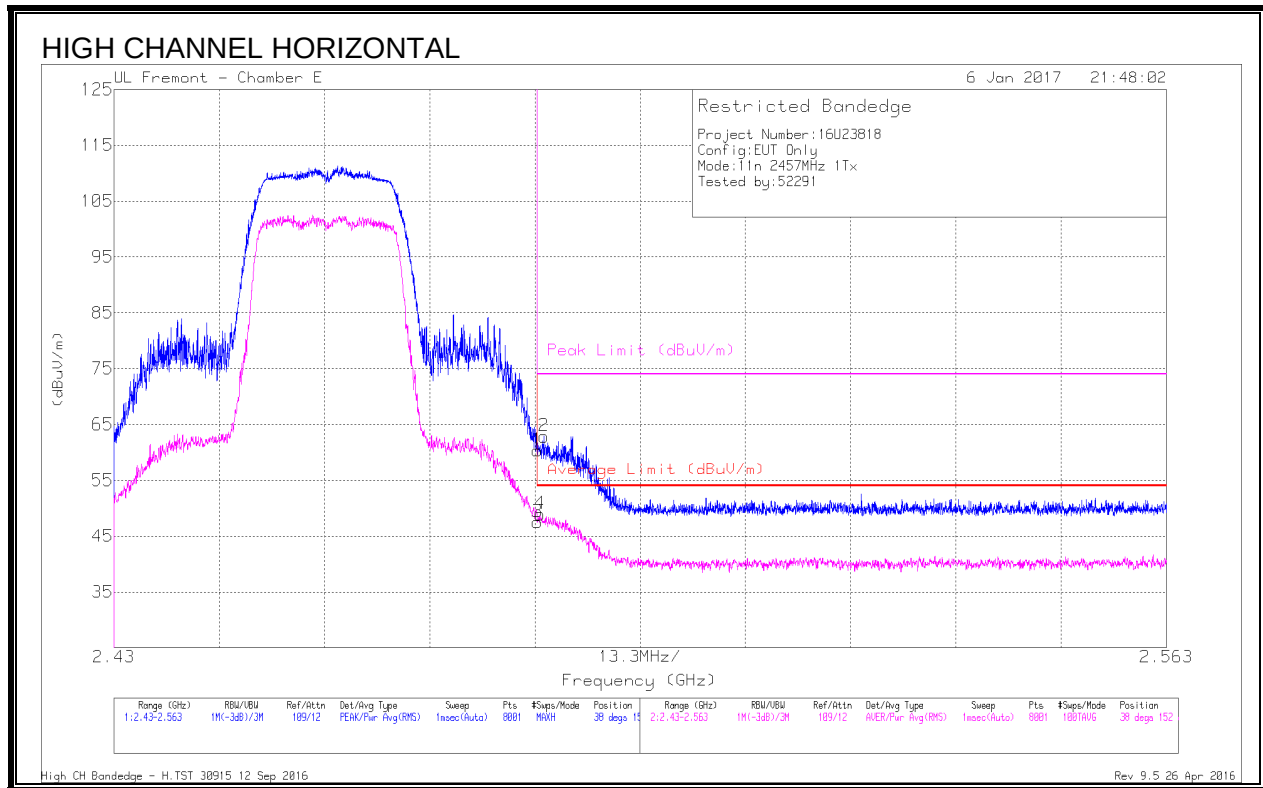
Pk - Peak detector

RMS - RMS detection

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AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 10)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.74	Pk	32.3	-19.7	60.34	-	-	74	-13.66	38	152	H
2	* 2.484	50.26	Pk	32.3	-19.7	62.86	-	-	74	-11.14	38	152	H
3	* 2.484	34.89	RMS	32.3	-19.7	47.49	54	-6.51	-	-	38	152	H
4	* 2.484	36.33	RMS	32.3	-19.7	48.93	54	-5.07	-	-	38	152	H

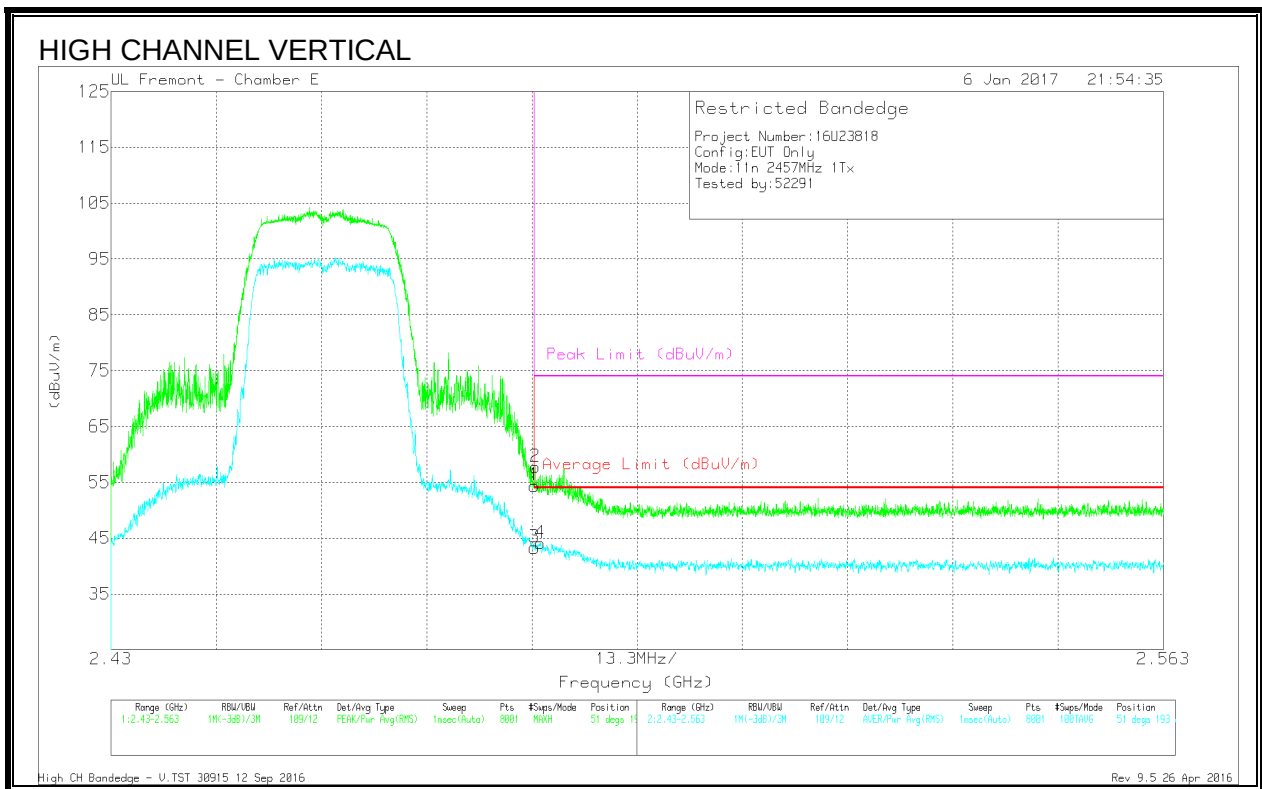
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/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	41.82	Pk	32.3	-19.7	54.42	-	-	74	-19.58	51	193	V
2	* 2.484	45.16	Pk	32.3	-19.7	57.76	-	-	74	-16.24	51	193	V
3	* 2.484	30.72	RMS	32.3	-19.7	43.32	54	-10.68	-	-	51	193	V
4	* 2.484	31.49	RMS	32.3	-19.7	44.09	54	-9.91	-	-	51	193	V

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

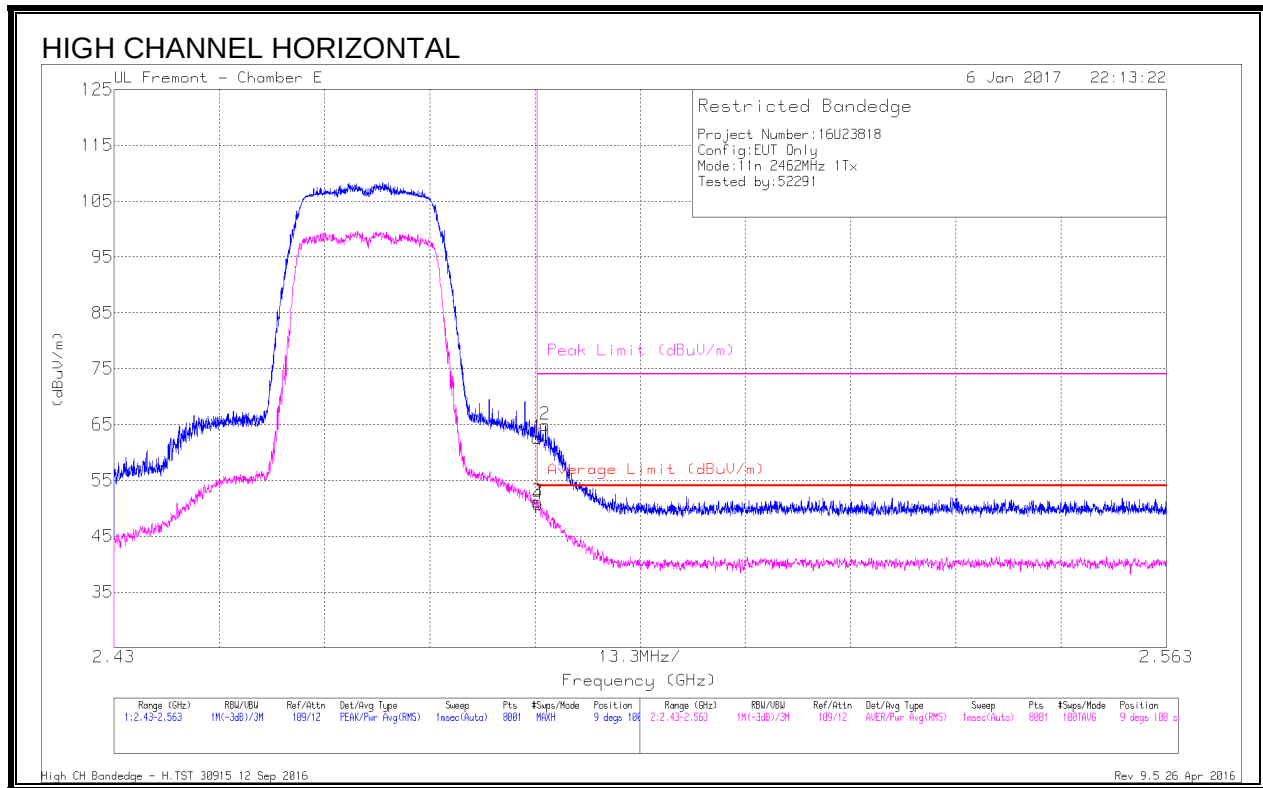
Pk - Peak detector

RMS - RMS detection

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AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 11)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/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	50.02	Pk	32.3	-19.7	62.62	-	-	74	-11.38	9	100	H
2	* 2.485	52.33	Pk	32.3	-19.7	64.93	-	-	74	-9.07	9	100	H
3	* 2.484	38.57	RMS	32.3	-19.7	51.17	54	-2.83	-	-	9	100	H
4	* 2.484	38.1	RMS	32.3	-19.7	50.7	54	-3.3	-	-	9	100	H

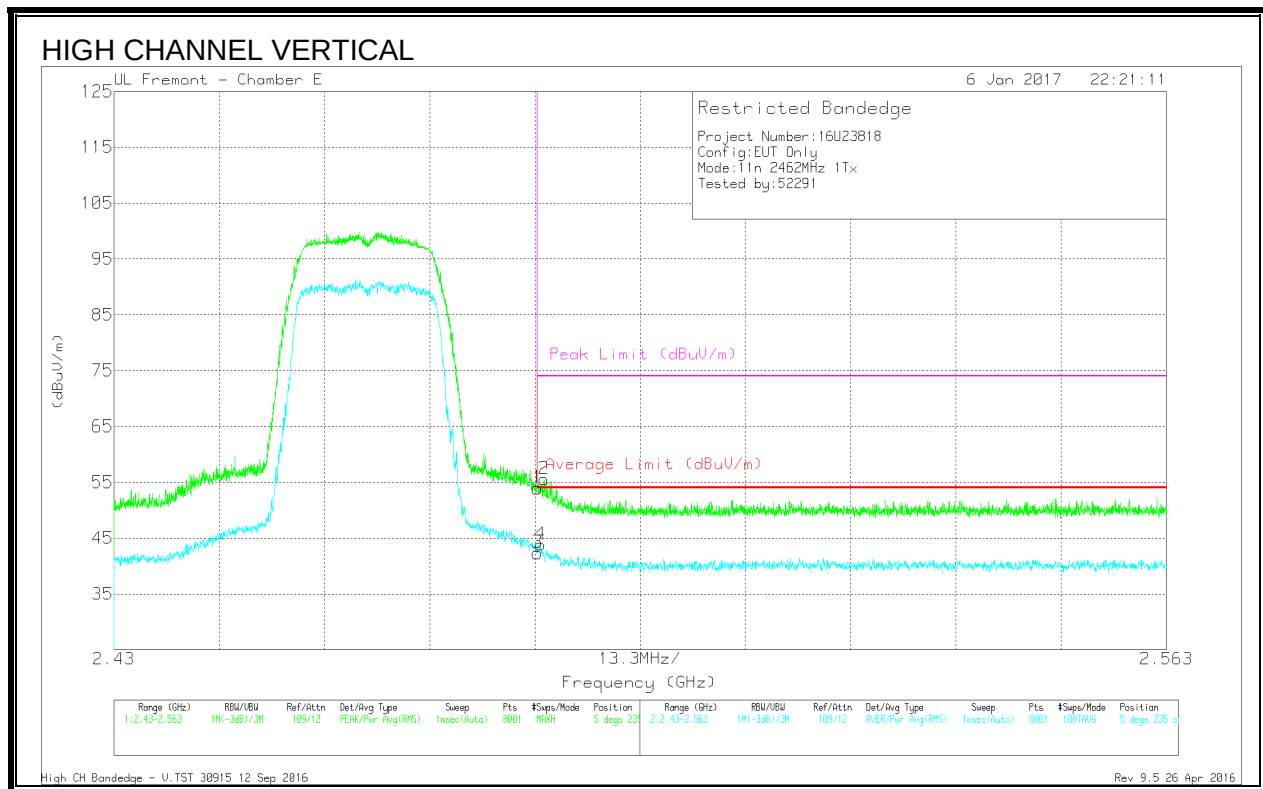
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/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	41.34	Pk	32.3	-19.7	53.94	-	-	74	-20.06	5	235	V
2	* 2.484	42.97	Pk	32.3	-19.7	55.57	-	-	74	-18.43	5	235	V
3	* 2.484	29.75	RMS	32.3	-19.7	42.35	54	-11.65	-	-	5	235	V
4	* 2.484	31.25	RMS	32.3	-19.7	43.85	54	-10.15	-	-	5	235	V

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

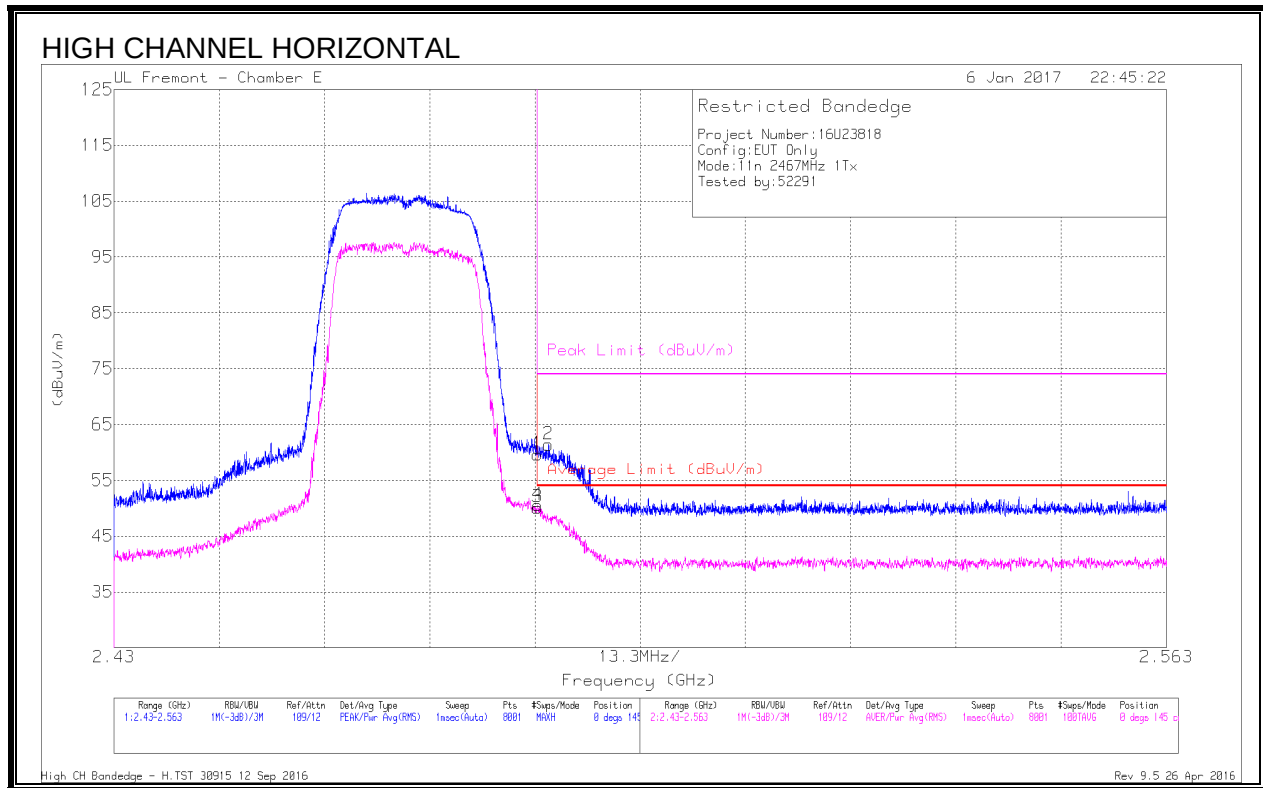
Pk - Peak detector

RMS - RMS detection

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AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 12)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.04	Pk	32.3	-19.7	59.64	-	-	74	-14.36	0	145	H
2	* 2.485	48.8	Pk	32.3	-19.7	61.4	-	-	74	-12.6	0	145	H
3	* 2.484	37.54	RMS	32.3	-19.7	50.14	54	-3.86	-	-	0	145	H
4	* 2.484	37.98	RMS	32.3	-19.7	50.58	54	-3.42	-	-	0	145	H

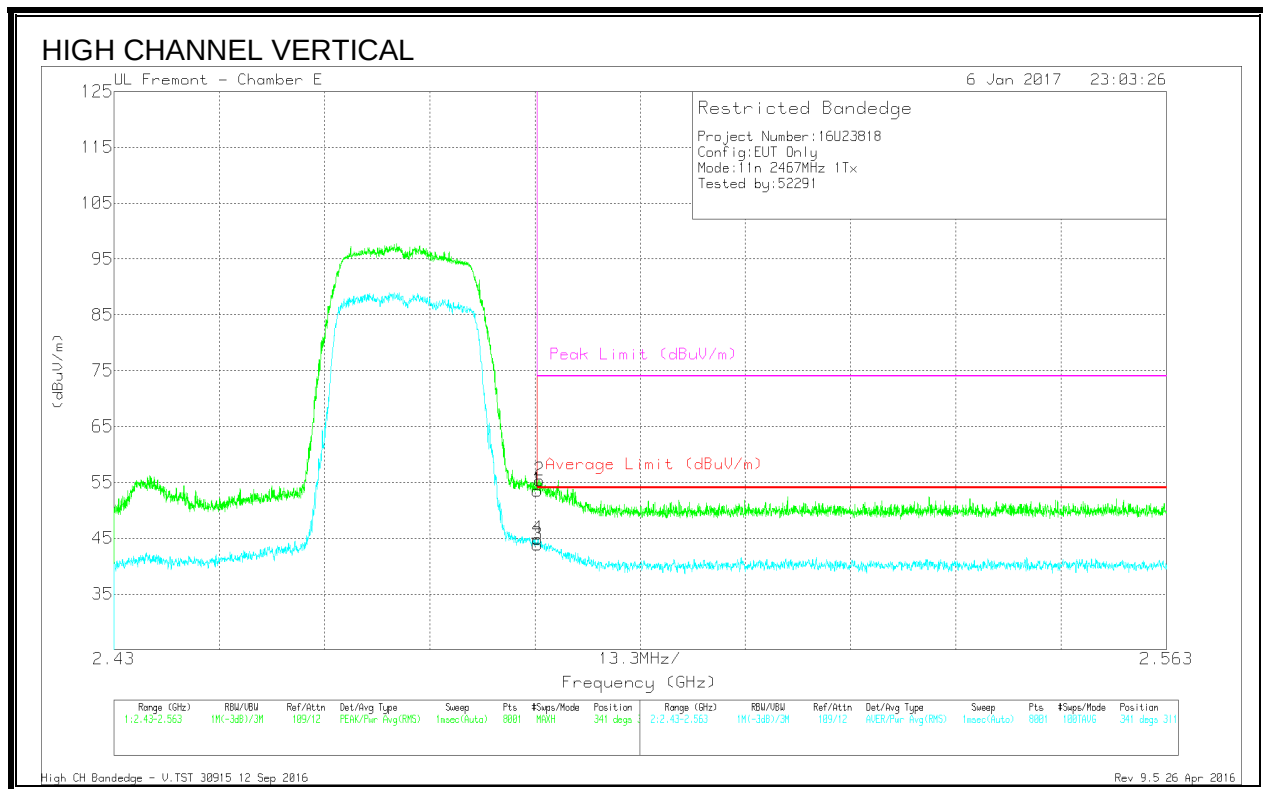
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.94	Pk	32.3	-19.7	53.54	-	-	74	-20.46	341	311	V
2	* 2.484	42.75	Pk	32.3	-19.7	55.35	-	-	74	-18.65	341	311	V
3	* 2.484	31.22	RMS	32.3	-19.7	43.82	54	-10.18	-	-	341	311	V
4	* 2.484	32.27	RMS	32.3	-19.7	44.87	54	-9.13	-	-	341	311	V

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

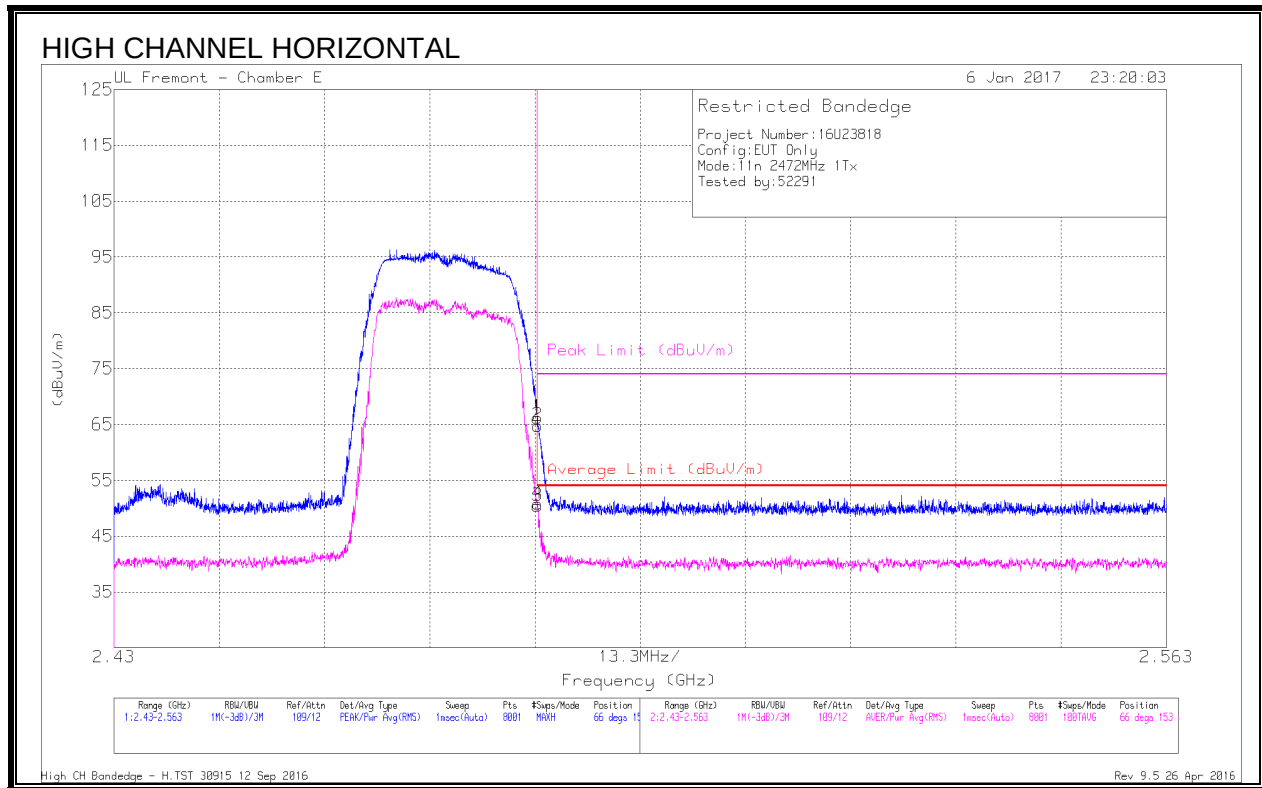
Pk - Peak detector

RMS - RMS detection

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AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 13)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	53.64	Pk	32.3	-19.7	66.24	-	-	74	-7.76	66	153	H
2	* 2.484	52.19	Pk	32.3	-19.7	64.79	-	-	74	-9.21	66	153	H
3	* 2.484	37.85	RMS	32.3	-19.7	50.45	54	-3.55	-	-	66	153	H
4	* 2.484	38.22	RMS	32.3	-19.7	50.82	54	-3.18	-	-	66	153	H

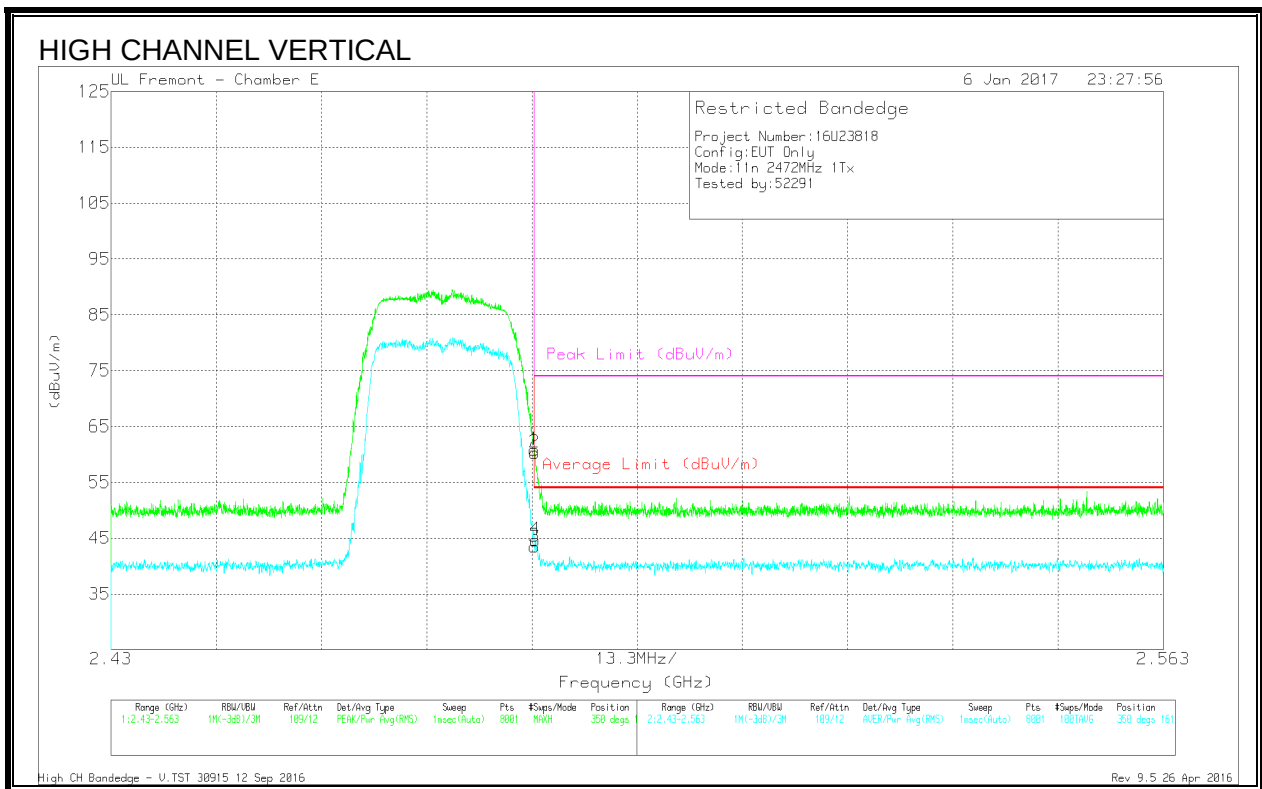
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.24	Pk	32.3	-19.7	60.84	-	-	74	-13.16	350	161	V
2	* 2.484	47.69	Pk	32.3	-19.7	60.29	-	-	74	-13.71	350	161	V
3	* 2.484	30.9	RMS	32.3	-19.7	43.5	54	-10.5	-	-	350	161	V
4	* 2.484	32.06	RMS	32.3	-19.7	44.66	54	-9.34	-	-	350	161	V

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

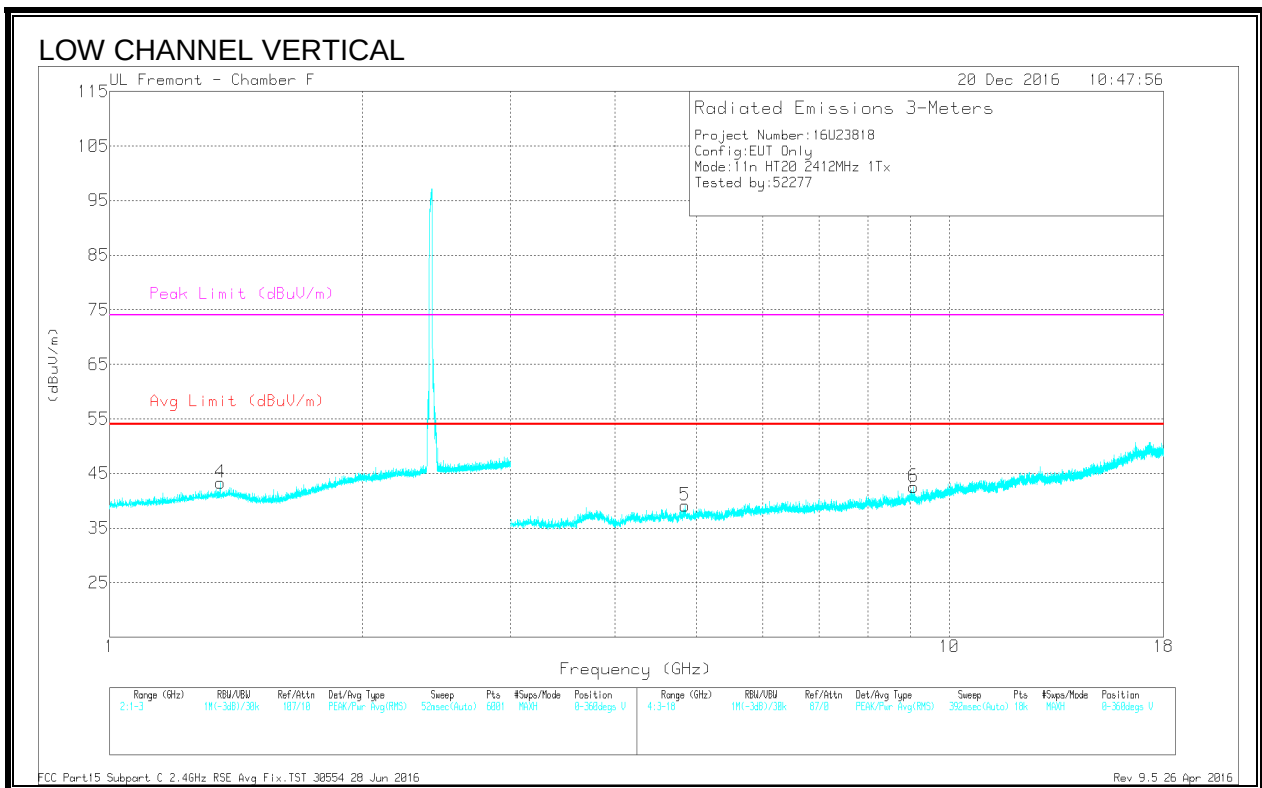
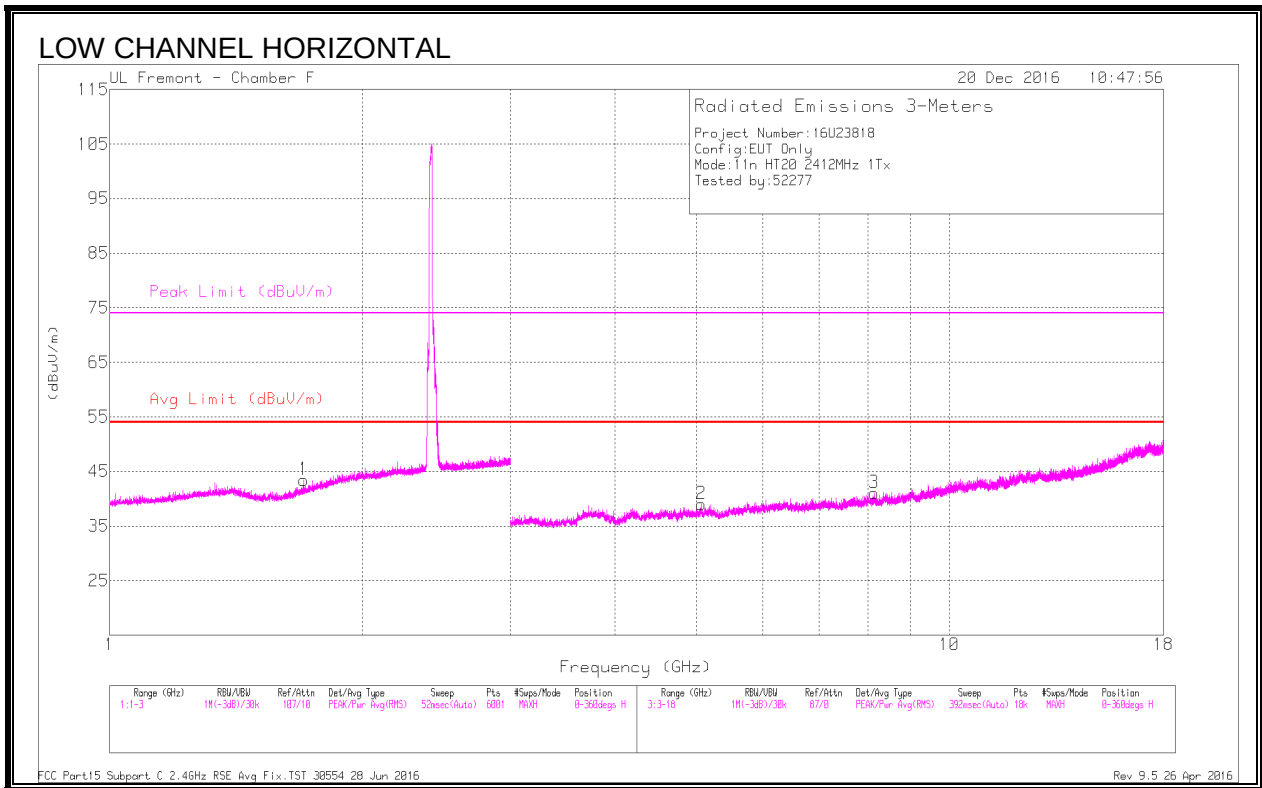
Pk - Peak detector

RMS - RMS detection

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HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL, CH 1)



Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pa d (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	* 1.701	41.82	PK2	29.1	-21.8	49.12	-	-	74	-24.88	152	285	H
	* 1.702	30.55	MAv1	29.1	-21.8	37.85	54	-16.15	-	-	152	285	H
4	* 1.351	41.8	PK2	29.1	-22.1	48.8	-	-	74	-25.2	337	306	V
	* 1.357	30.23	MAv1	29.1	-22.1	37.23	54	-16.77	-	-	337	306	V
2	* 5.066	37.86	PK2	34.1	-27.7	44.26	-	-	74	-29.74	332	218	H
	* 5.065	27.27	MAv1	34.2	-27.7	33.77	54	-20.23	-	-	332	218	H
3	* 8.143	35.55	PK2	35.7	-24.4	46.85	-	-	74	-27.15	8	307	H
	* 8.142	25.08	MAv1	35.7	-24.4	36.38	54	-17.62	-	-	8	307	H
5	* 4.843	37.64	PK2	34	-27.1	44.54	-	-	74	-29.46	123	217	V
	* 4.843	26.57	MAv1	34	-27.1	33.47	54	-20.53	-	-	123	217	V
6	* 9.076	34.17	PK2	36.1	-22.8	47.47	-	-	74	-26.53	321	330	V
	* 9.076	23.65	MAv1	36.1	-22.8	36.95	54	-17.05	-	-	321	330	V

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

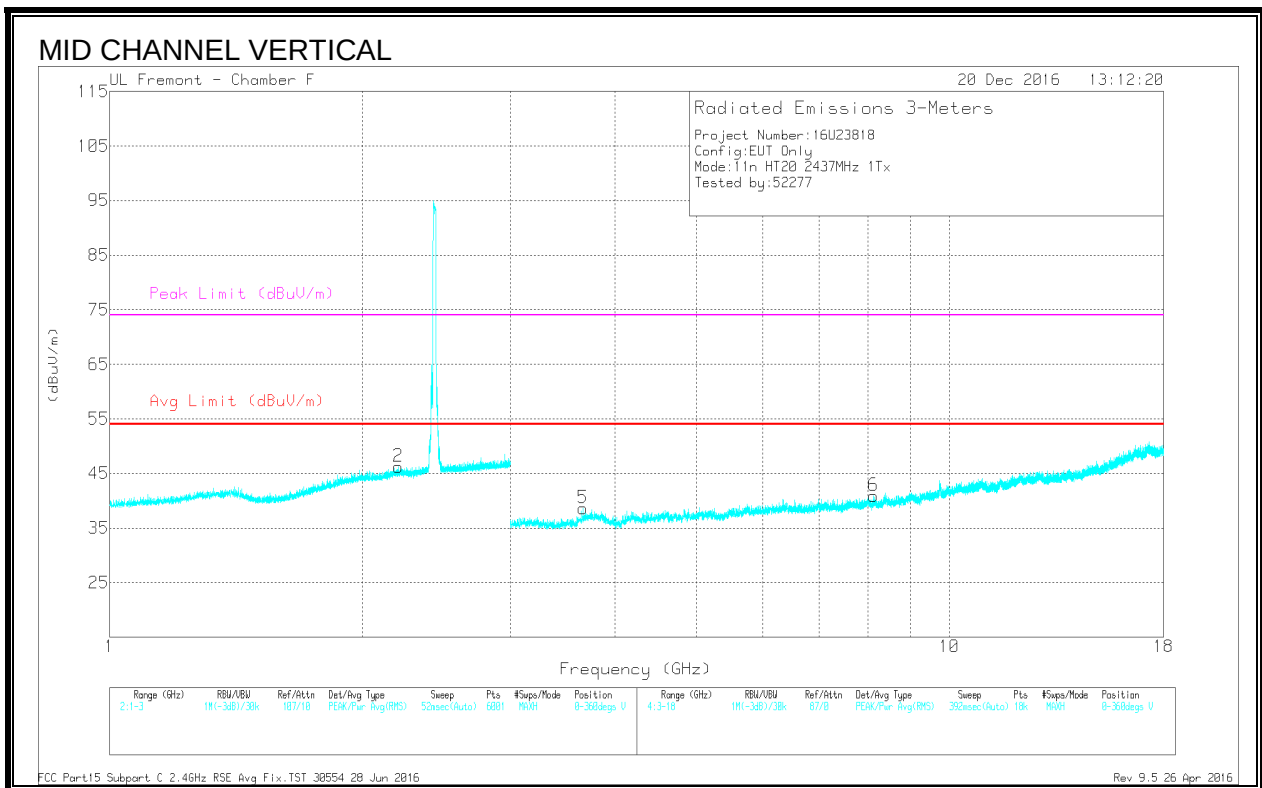
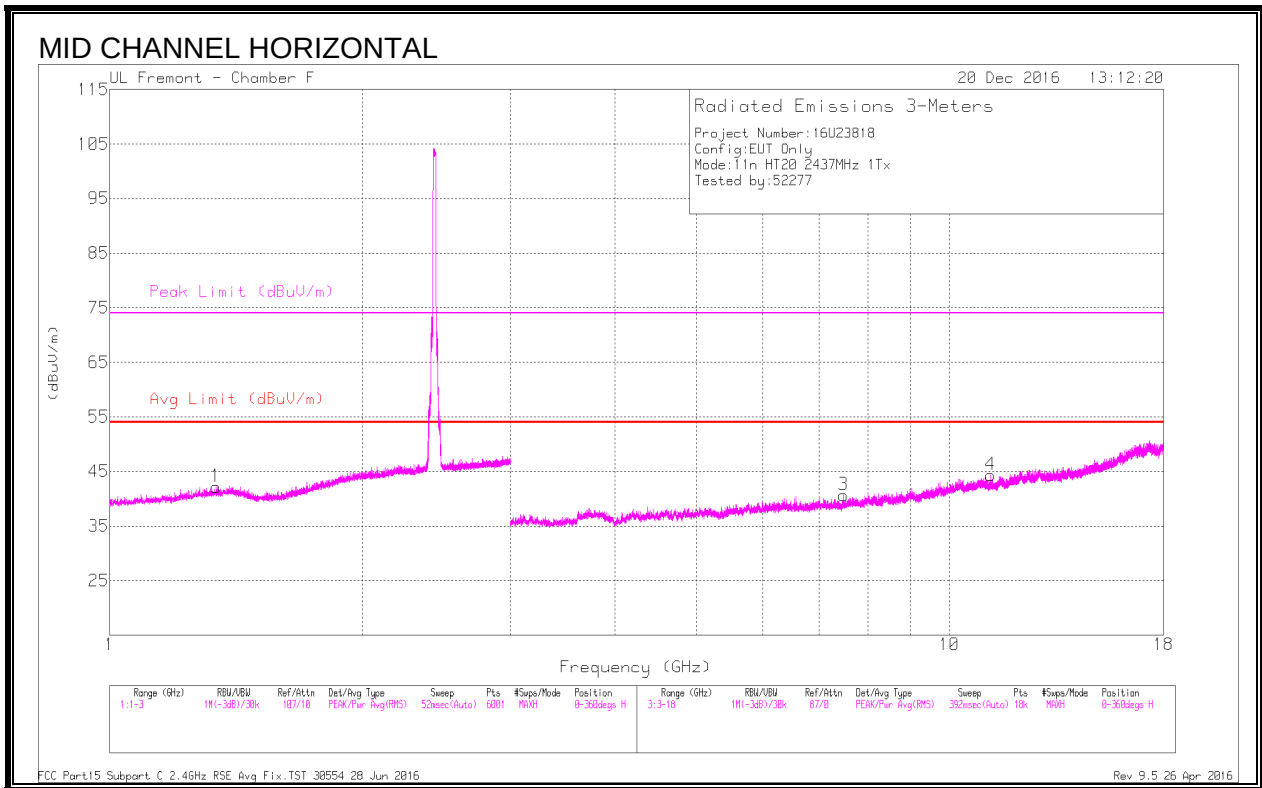
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15 Subpart C 2.4GHz RSE Avg Fix.TST 30554 28 Jun 2016

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HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL, CH 6)



Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pa d (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	* 1.338	41.45	PK2	29.1	-22.1	48.45	-	-	74	-25.55	209	190	H
	* 1.337	30.57	MAv1	29.1	-22.1	37.57	54	-16.43	-	-	209	190	H
2	* 2.206	41.39	PK2	31.9	-21.1	52.19	-	-	74	-21.81	217	294	V
	* 2.209	30.52	MAv1	31.9	-21	41.42	54	-12.58	-	-	217	294	V
3	* 7.481	35.89	PK2	35.6	-25.3	46.19	-	-	74	-27.81	318	100	H
	* 7.482	25.09	MAv1	35.6	-25.3	35.39	54	-18.61	-	-	318	100	H
4	* 11.21	33.65	PK2	37.9	-21.6	49.95	-	-	74	-24.05	359	121	H
	* 11.21	22.98	MAv1	37.9	-21.6	39.28	54	-14.72	-	-	359	121	H
5	* 3.661	38.51	PK2	33.2	-29.3	42.41	-	-	74	-31.59	287	213	V
	* 3.661	27.88	MAv1	33.2	-29.3	31.78	54	-22.22	-	-	287	213	V
6	* 8.127	35.69	PK2	35.7	-24.4	46.99	-	-	74	-27.01	69	333	V
	* 8.126	24.89	MAv1	35.7	-24.4	36.19	54	-17.81	-	-	69	333	V

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

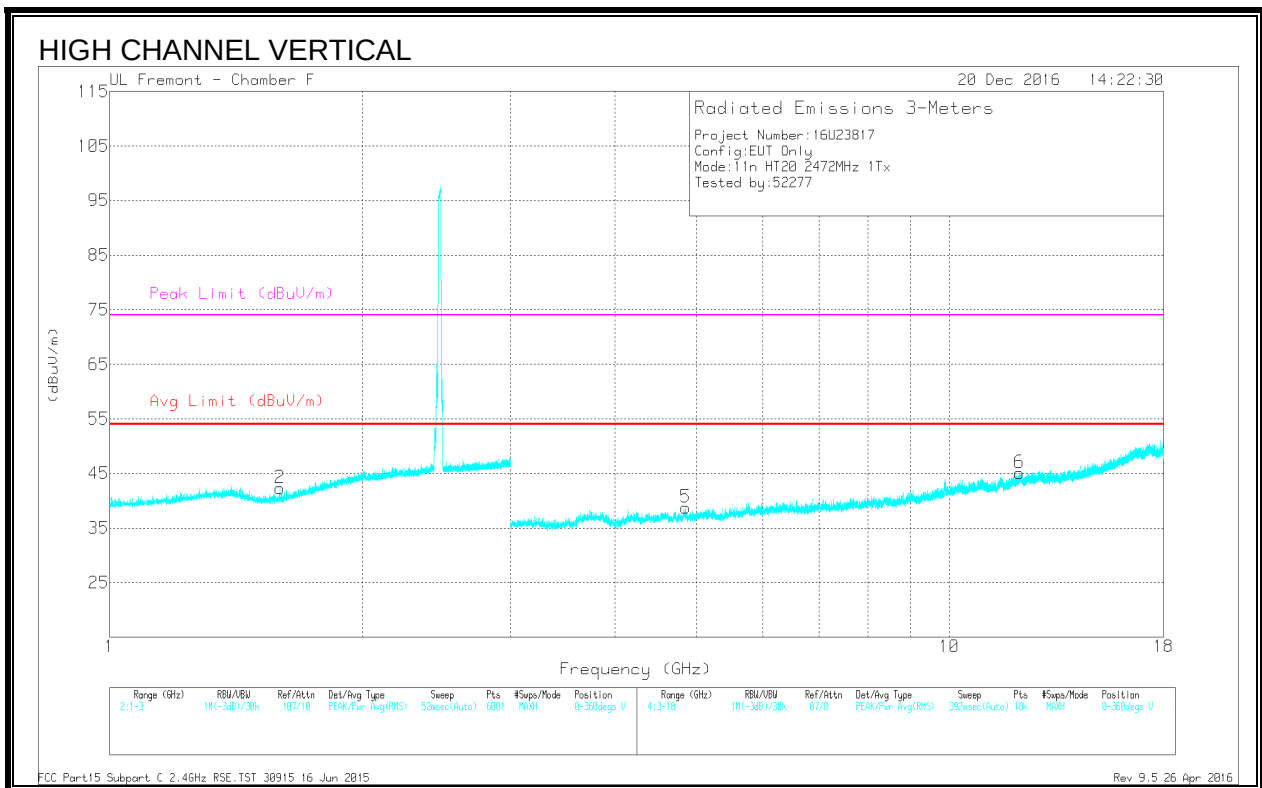
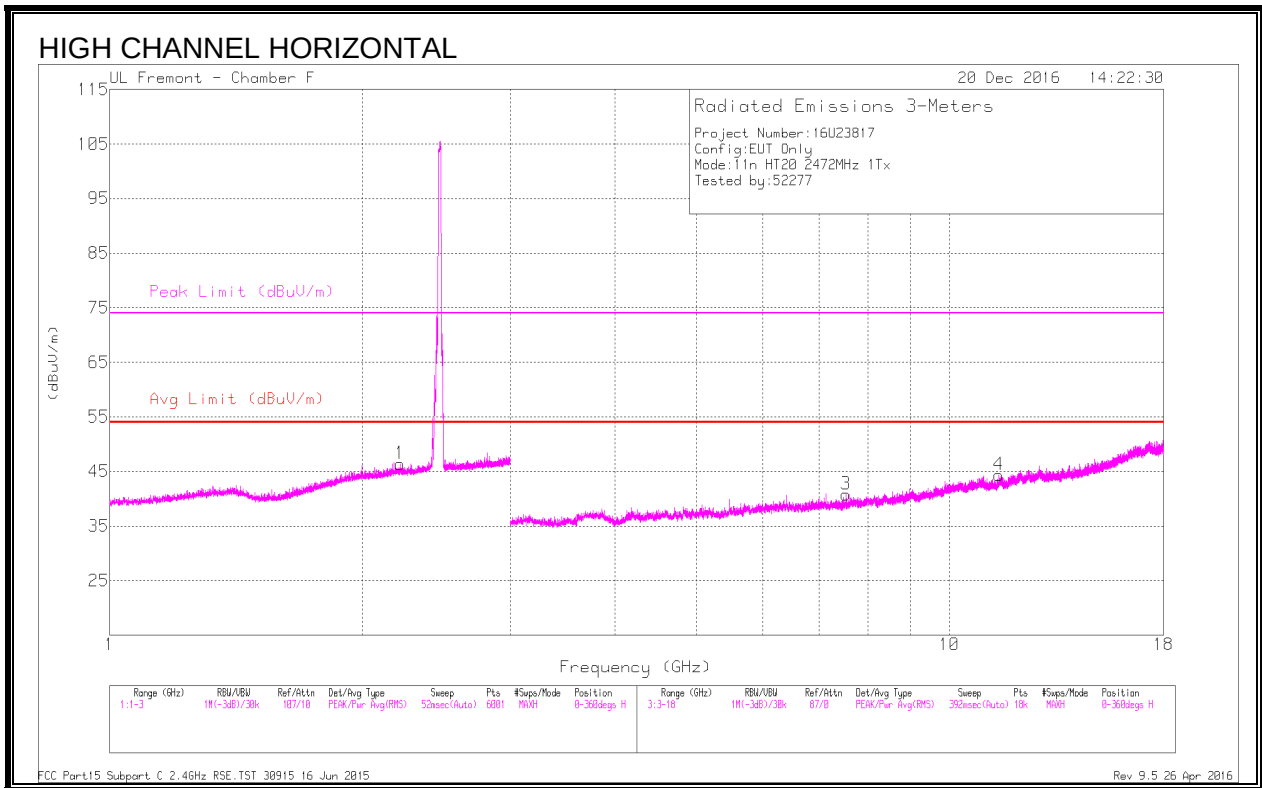
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15 Subpart C 2.4GHz RSE Avg Fix.TST 30554 28 Jun 2016

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HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL, CH 13)



Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pa d (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	* 2.216	41.42	PK2	31.9	-21	52.32	-	-	74	-21.68	119	102	H
	* 2.215	30.42	MAv1	31.9	-21	41.32	-	-	-	-	119	102	H
2	* 1.595	41.8	PK2	28.1	-22	47.9	-	-	74	-26.1	193	184	V
	* 1.594	30.48	MAv1	28.1	-22	36.58	-	-	-	-	193	184	V
3	* 7.533	35.5	PK2	35.6	-25.6	45.5	-	-	74	-28.5	126	113	H
	* 7.537	25.48	MAv1	35.6	-25.7	35.38	-	-	-	-	126	113	H
4	* 11.46	34.68	PK2	38	-21.9	50.78	-	-	74	-23.22	196	355	H
	* 11.458	23.42	MAv1	38	-21.9	39.52	-	-	-	-	196	355	H
5	* 4.852	36.43	PK2	34.1	-27.3	43.23	-	-	74	-30.77	0	132	V
	* 4.852	26.32	MAv1	34.1	-27.3	33.12	-	-	-	-	0	132	V
6	* 12.131	33.65	PK2	38.9	-21.6	50.95	-	-	74	-23.05	314	124	V
	* 12.129	23.33	MAv1	38.9	-21.6	40.63	-	-	-	-	314	124	V

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

PK2 - KDB558074 Method: Maximum Peak

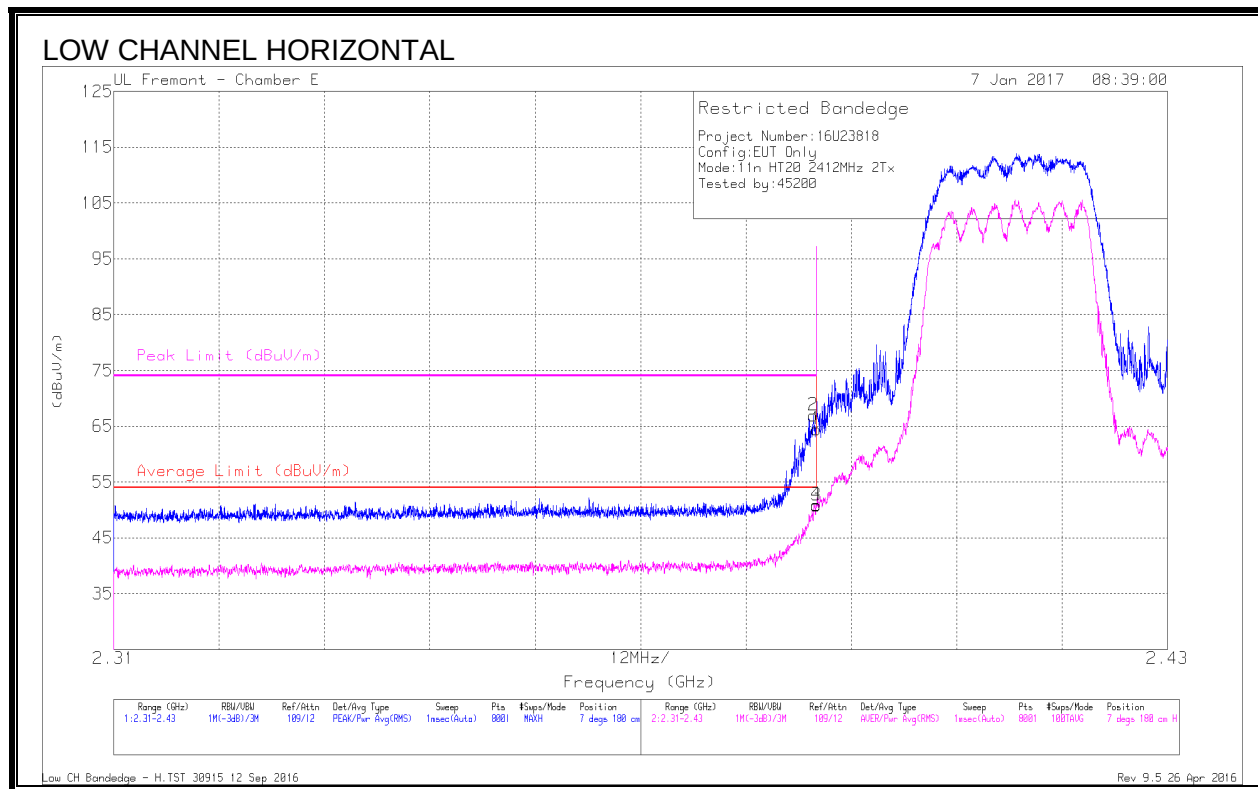
MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15 Subpart C 2.4GHz RSE.TST 30915 16 Jun 2015

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9.2.5. 11n HT20 2TX CDD MIMO MODE IN THE 2.4GHz BAND

AUTHORIZED BANDEDGE (LOW CHANNEL, CH 1)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	52.07	Pk	32.1	-19.7	64.47	-	-	74	-9.53	7	180	H
2	* 2.39	54.48	Pk	32.1	-19.7	66.88	-	-	74	-7.12	7	180	H
3	* 2.39	38.34	RMS	32.1	-19.7	50.74	54	-3.26	-	-	7	180	H
4	* 2.39	38.53	RMS	32.1	-19.7	50.93	54	-3.07	-	-	7	180	H

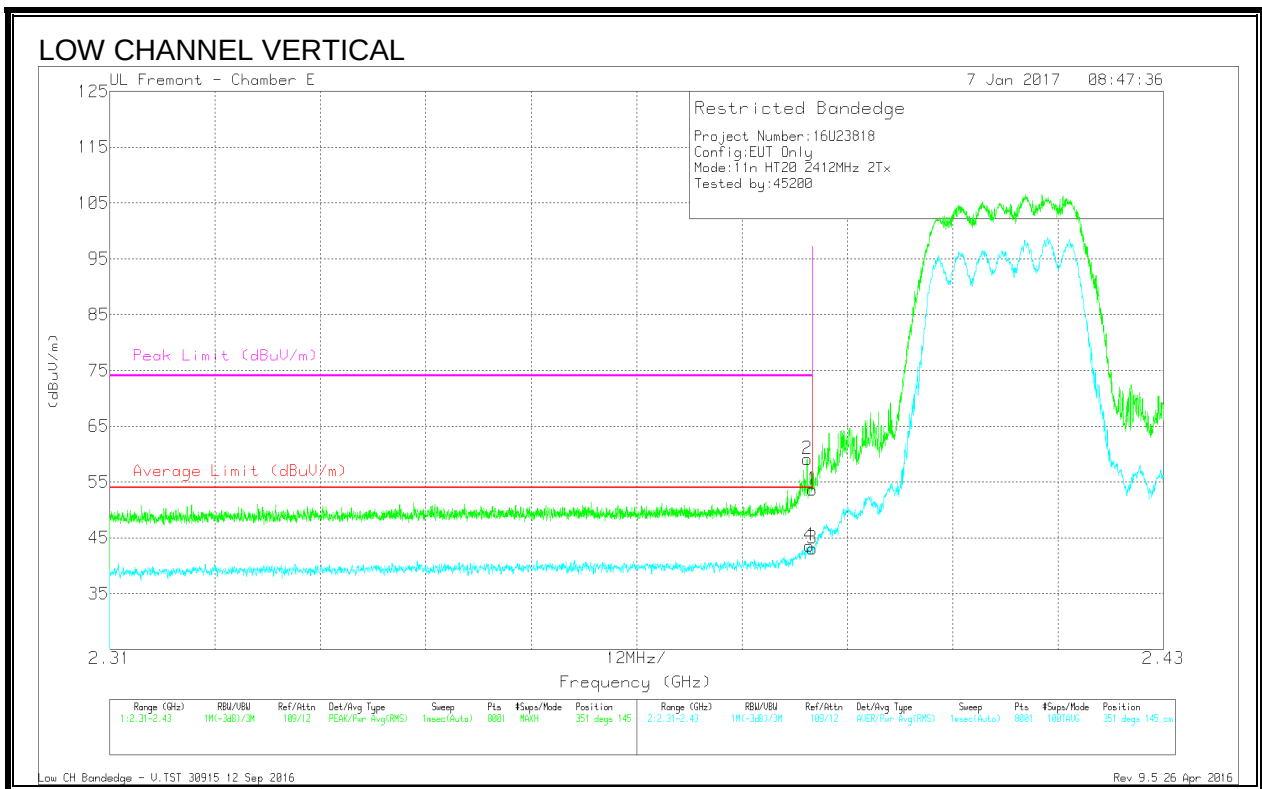
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

Low CH Bandedge - H.TST 30915 12 Sep 2016

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/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
2	* 2.389	46.66	Pk	32.1	-19.7	59.06	-	-	74	-14.94	351	145	V
1	* 2.39	41.23	Pk	32.1	-19.7	53.63	-	-	74	-20.37	351	145	V
3	* 2.39	30.7	RMS	32.1	-19.7	43.1	54	-10.9	-	-	351	145	V
4	* 2.39	31.21	RMS	32.1	-19.7	43.61	54	-10.39	-	-	351	145	V

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

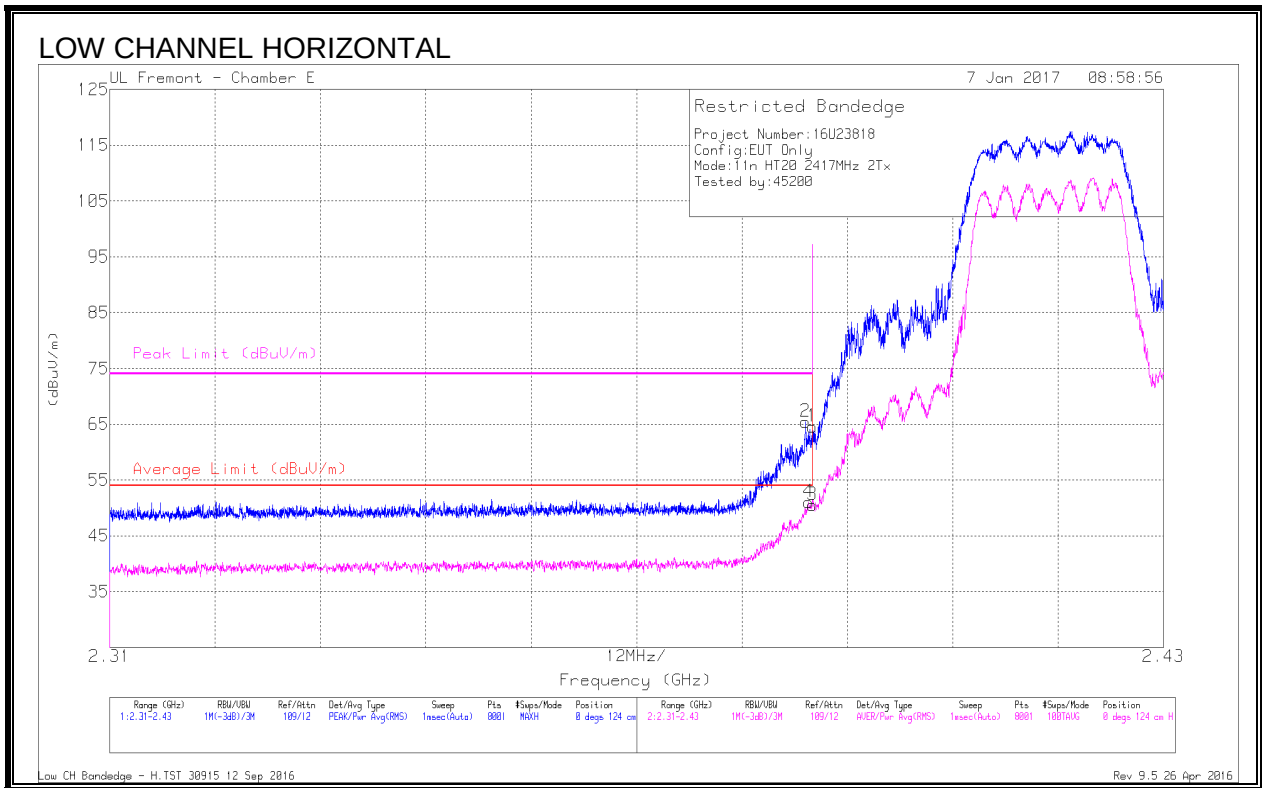
Pk - Peak detector

RMS - RMS detection

Low CH Bandedge - V.TST 30915 12 Sep 2016

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AUTHORIZED BANDEDGE (LOW CHANNEL, CH 2)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/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
2	* 2.389	53.03	Pk	32.1	-19.7	65.43	-	-	74	-8.57	0	124	H
1	* 2.39	52.21	Pk	32.1	-19.7	64.61	-	-	74	-9.39	0	124	H
3	* 2.39	38.18	RMS	32.1	-19.7	50.58	54	-3.42	-	-	0	124	H
4	* 2.39	38.66	RMS	32.1	-19.7	51.06	54	-2.94	-	-	0	124	H

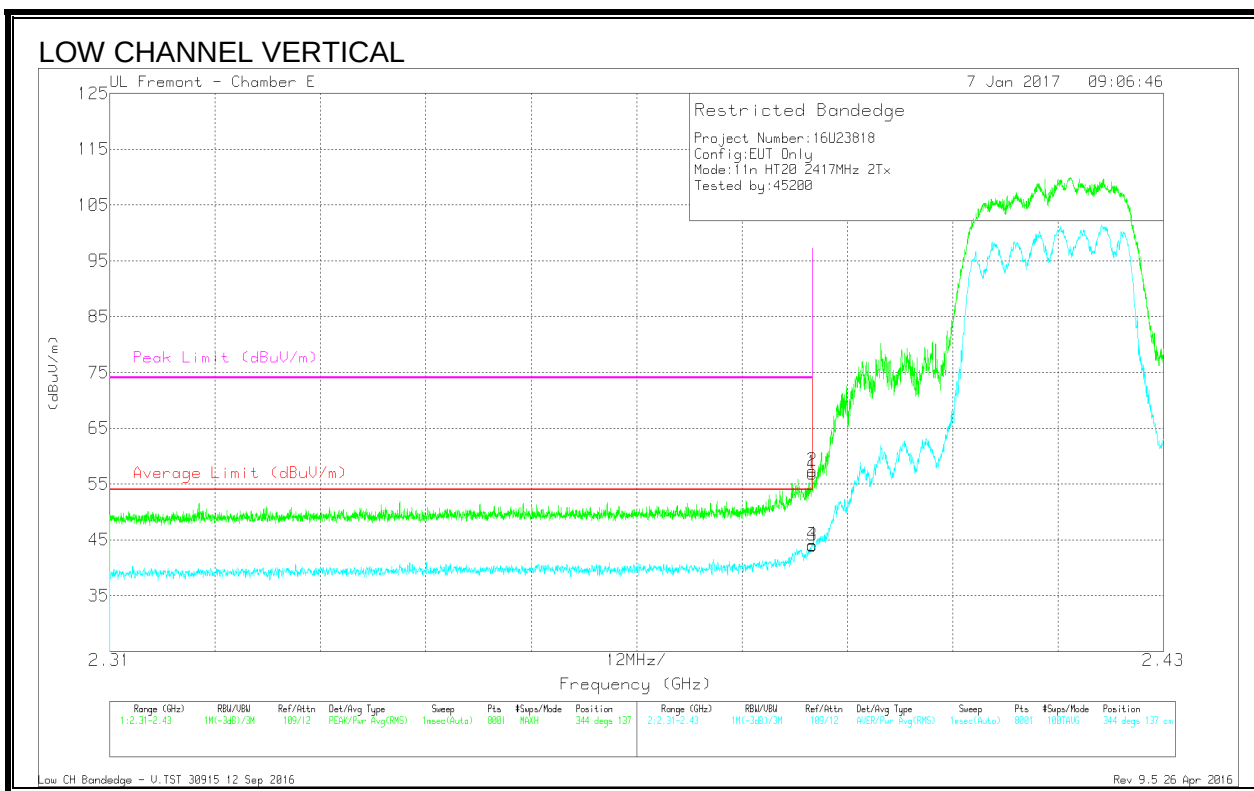
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/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	* 2.39	44.53	Pk	32.1	-19.7	56.93	-	-	74	-17.07	344	137	V
2	* 2.39	44.97	Pk	32.1	-19.7	57.37	-	-	74	-16.63	344	137	V
3	* 2.39	31.53	RMS	32.1	-19.7	43.93	54	-10.07	-	-	344	137	V
4	* 2.39	31.63	RMS	32.1	-19.7	44.03	54	-9.97	-	-	344	137	V

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

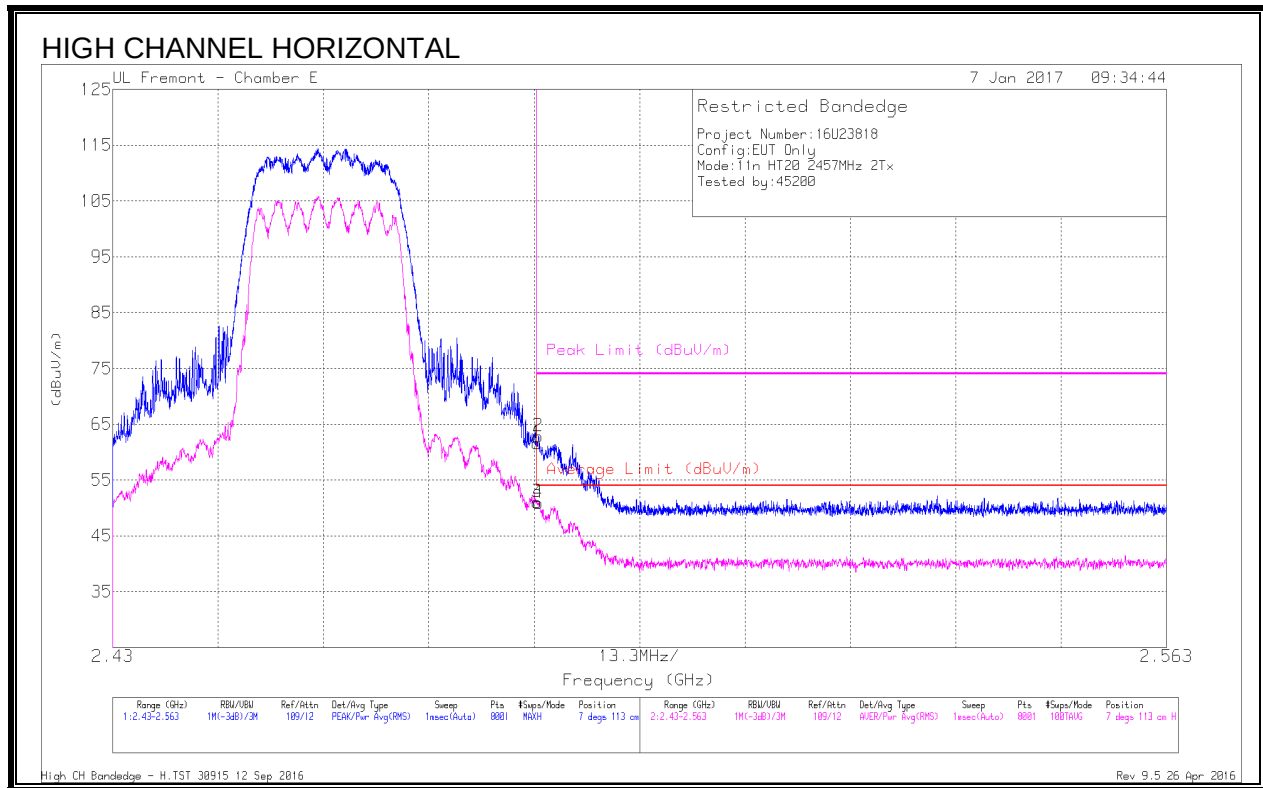
Pk - Peak detector

RMS - RMS detection

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AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 10)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/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	49.01	Pk	32.3	-19.7	61.61	-	-	74	-12.39	7	113	H
2	* 2.484	50.2	Pk	32.3	-19.7	62.8	-	-	74	-11.2	7	113	H
3	* 2.484	38.42	RMS	32.3	-19.7	51.02	54	-2.98	-	-	7	113	H
4	* 2.484	38.32	RMS	32.3	-19.7	50.92	54	-3.08	-	-	7	113	H

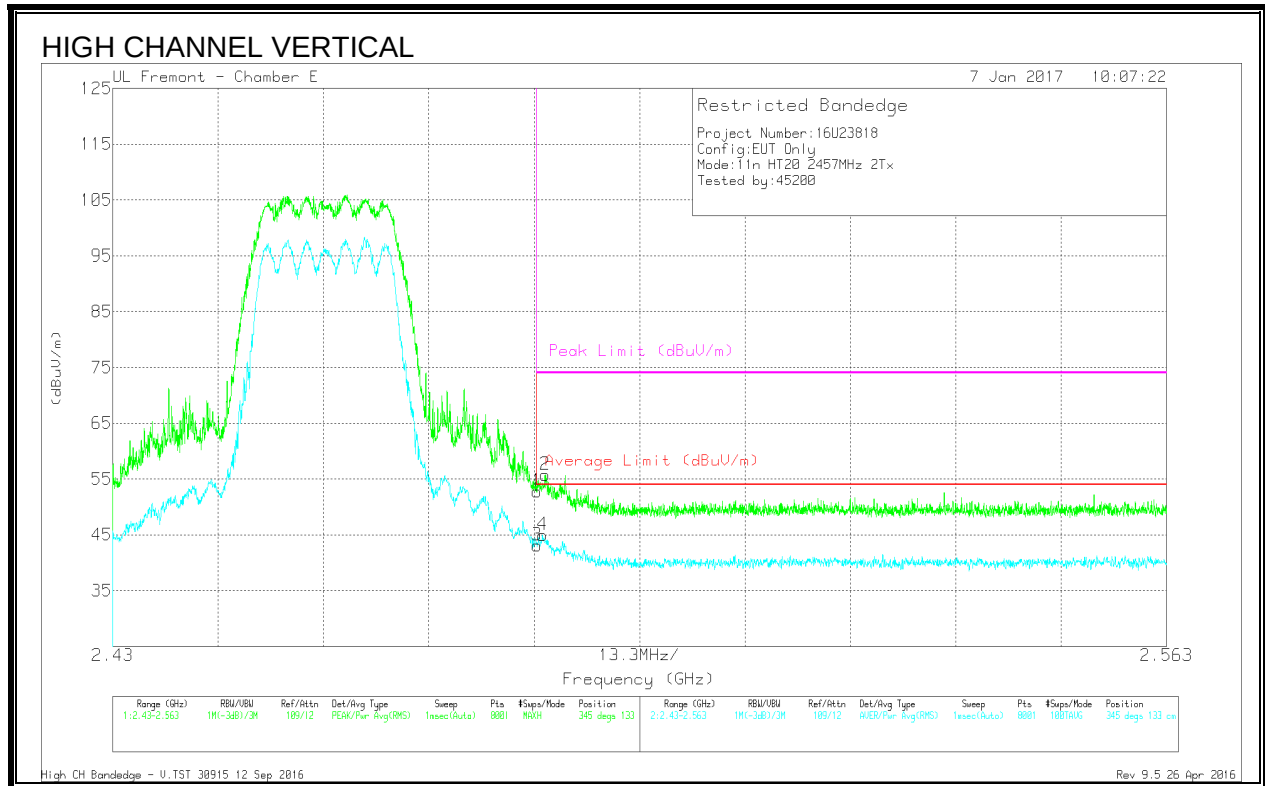
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/Filtr/Pa d (dB)	Correct ed Reading (dBuV/ m)	Averag e Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.17	Pk	32.3	-19.7	52.77	-	-	74	-21.23	345	133	V
3	* 2.484	30.52	RMS	32.3	-19.7	43.12	54	-10.88	-	-	345	133	V
4	* 2.484	32.31	RMS	32.3	-19.7	44.91	54	-9.09	-	-	345	133	V
2	* 2.485	43.13	Pk	32.3	-19.7	55.73	-	-	74	-18.27	345	133	V

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

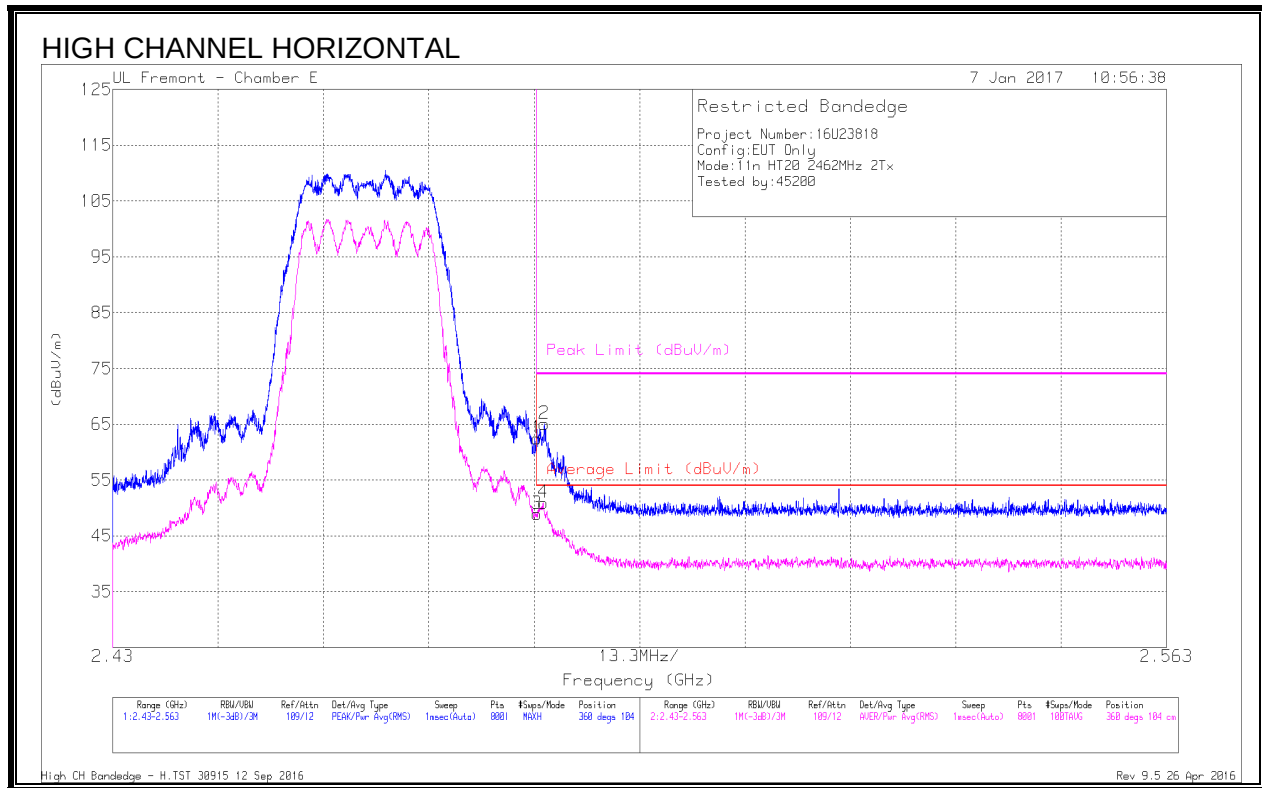
Pk - Peak detector

RMS - RMS detection

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AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 11)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/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	49.82	Pk	32.3	-19.7	62.42	-	-	74	-11.58	360	104	H
2	* 2.484	52.46	Pk	32.3	-19.7	65.06	-	-	74	-8.94	360	104	H
3	* 2.484	36.34	RMS	32.3	-19.7	48.94	54	-5.06	-	-	360	104	H
4	* 2.484	38.32	RMS	32.3	-19.7	50.92	54	-3.08	-	-	360	104	H

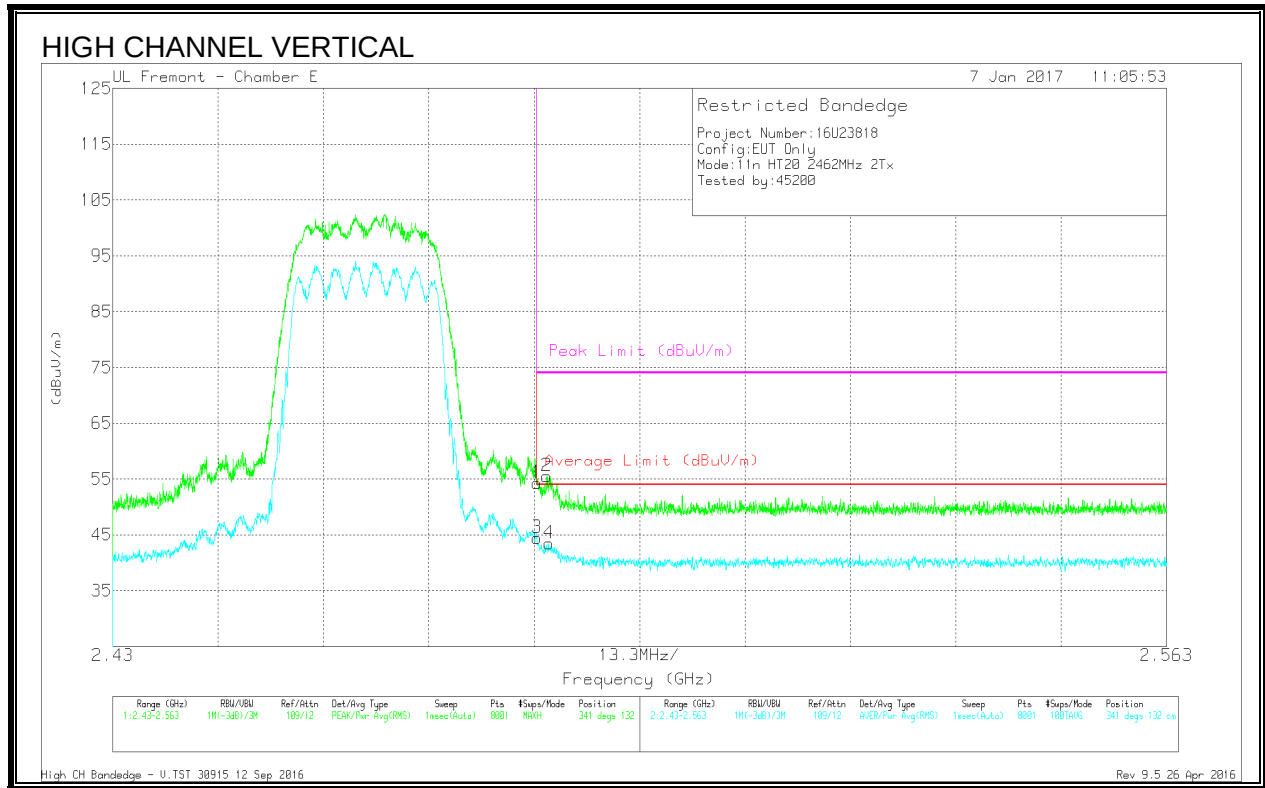
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/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	41.62	Pk	32.3	-19.7	54.22	-	-	74	-19.78	341	132	V
3	* 2.484	31.86	RMS	32.3	-19.7	44.46	54	-9.54	-	-	341	132	V
2	* 2.485	42.85	Pk	32.3	-19.7	55.45	-	-	74	-18.55	341	132	V
4	* 2.485	30.83	RMS	32.3	-19.7	43.43	54	-10.57	-	-	341	132	V

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

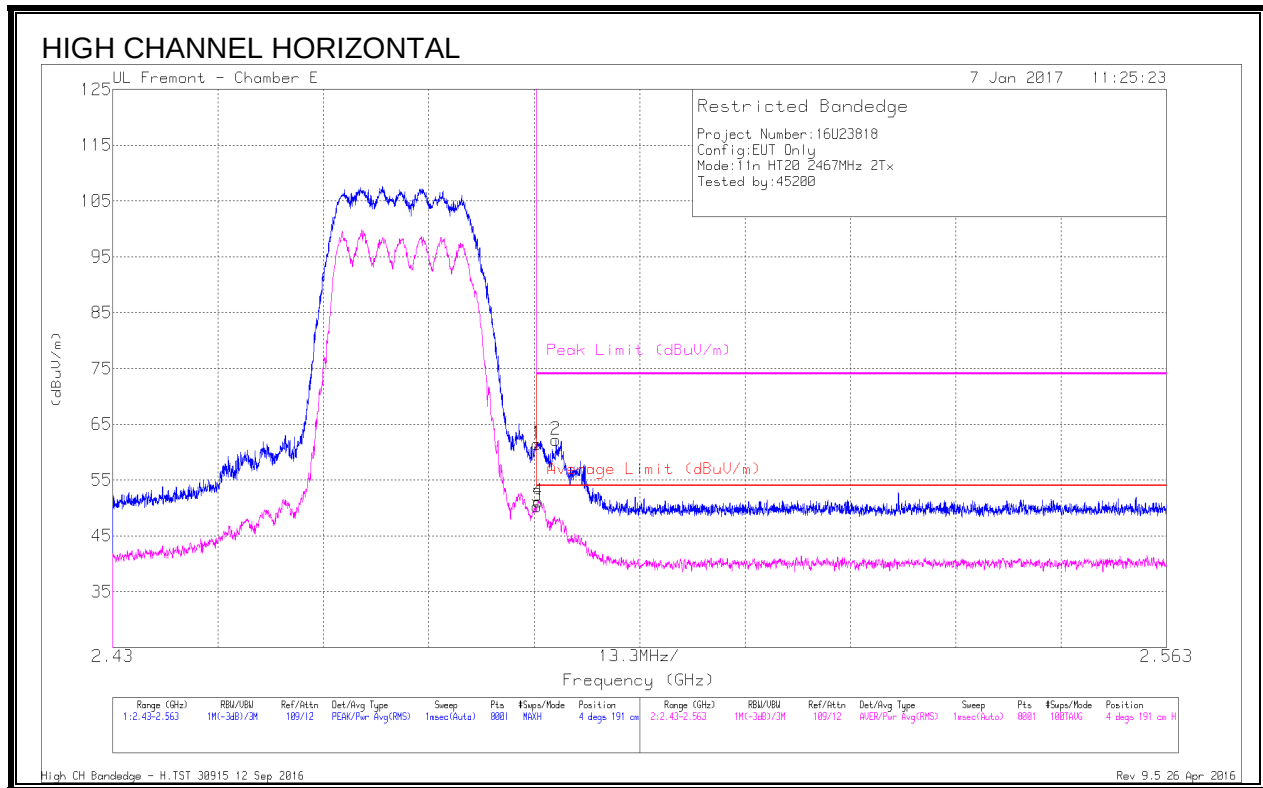
Pk - Peak detector

RMS - RMS detection

High CH Bandedge - V.TST 30915 12 Sep 2016

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AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 12)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/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	48.85	Pk	32.3	-19.7	61.45	-	-	74	-12.55	4	191	H
3	* 2.484	37.65	RMS	32.3	-19.7	50.25	54	-3.75	-	-	4	191	H
4	* 2.484	38.6	RMS	32.3	-19.7	51.2	54	-2.8	-	-	4	191	H
2	* 2.486	49.75	Pk	32.3	-19.8	62.25	-	-	74	-11.75	4	191	H

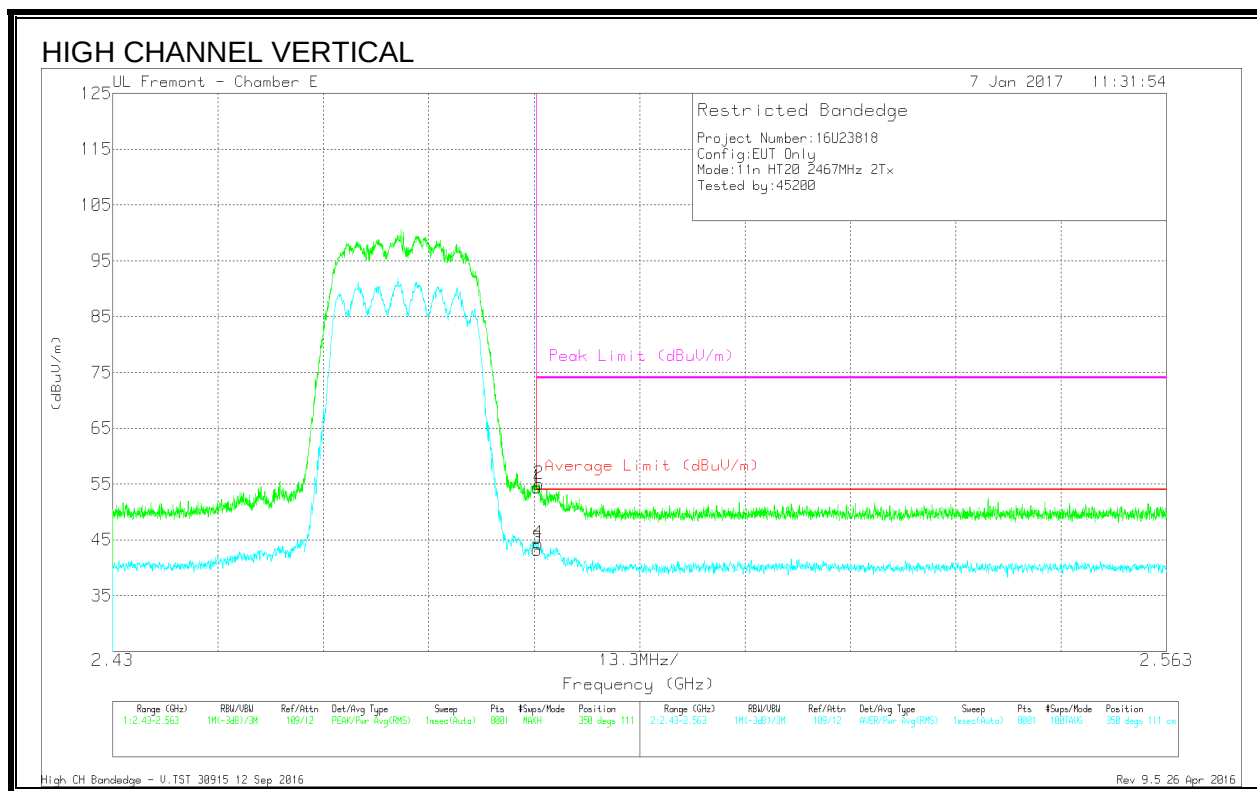
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/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	41.76	Pk	32.3	-19.7	54.36	-	-	74	-19.64	350	111	V
2	* 2.484	42.41	Pk	32.3	-19.7	55.01	-	-	74	-18.99	350	111	V
3	* 2.484	30.68	RMS	32.3	-19.7	43.28	54	-10.72	-	-	350	111	V
4	* 2.484	31.76	RMS	32.3	-19.7	44.36	54	-9.64	-	-	350	111	V

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

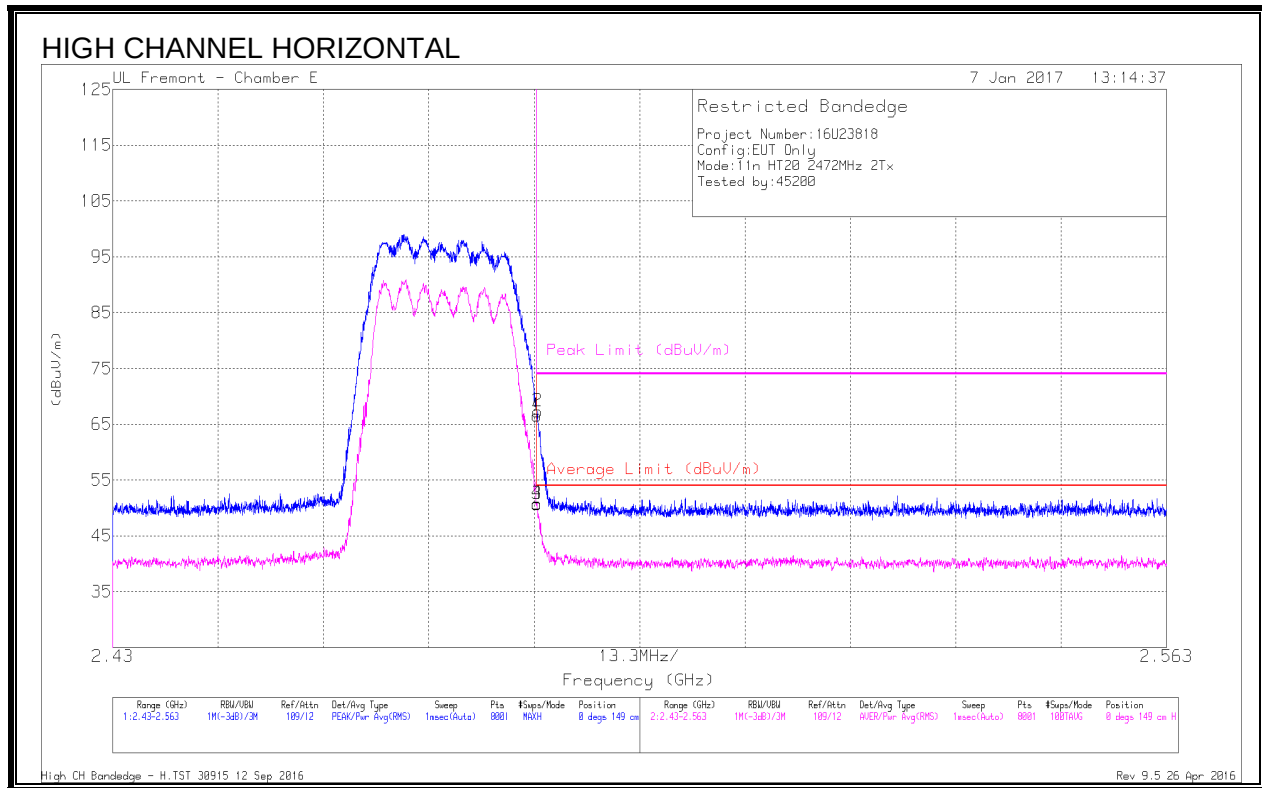
Pk - Peak detector

RMS - RMS detection

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AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 13)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/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	53.99	Pk	32.3	-19.7	66.59	-	-	74	-7.41	0	149	H
2	* 2.484	54.72	Pk	32.3	-19.7	67.32	-	-	74	-6.68	0	149	H
3	* 2.484	38.08	RMS	32.3	-19.7	50.68	54	-3.32	-	-	0	149	H
4	* 2.484	38.16	RMS	32.3	-19.7	50.76	54	-3.24	-	-	0	149	H

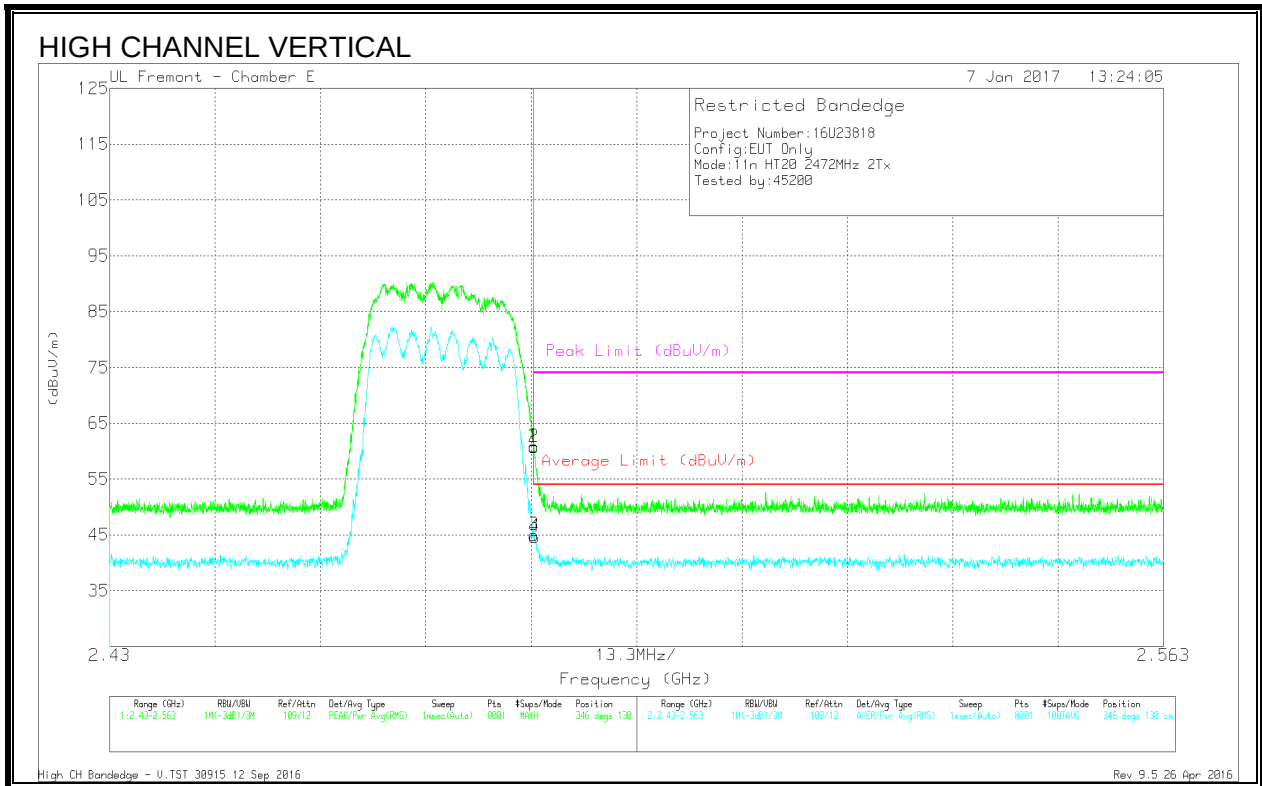
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

High CH Bandedge - H.TST 30915 12 Sep 2016

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/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	48.24	Pk	32.3	-19.7	60.84	-	-	74	-13.16	346	130	V
2	* 2.484	48.15	Pk	32.3	-19.7	60.75	-	-	74	-13.25	346	130	V
3	* 2.484	32.36	RMS	32.3	-19.7	44.96	54	-9.04	-	-	346	130	V
4	* 2.484	32.02	RMS	32.3	-19.7	44.62	54	-9.38	-	-	346	130	V

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

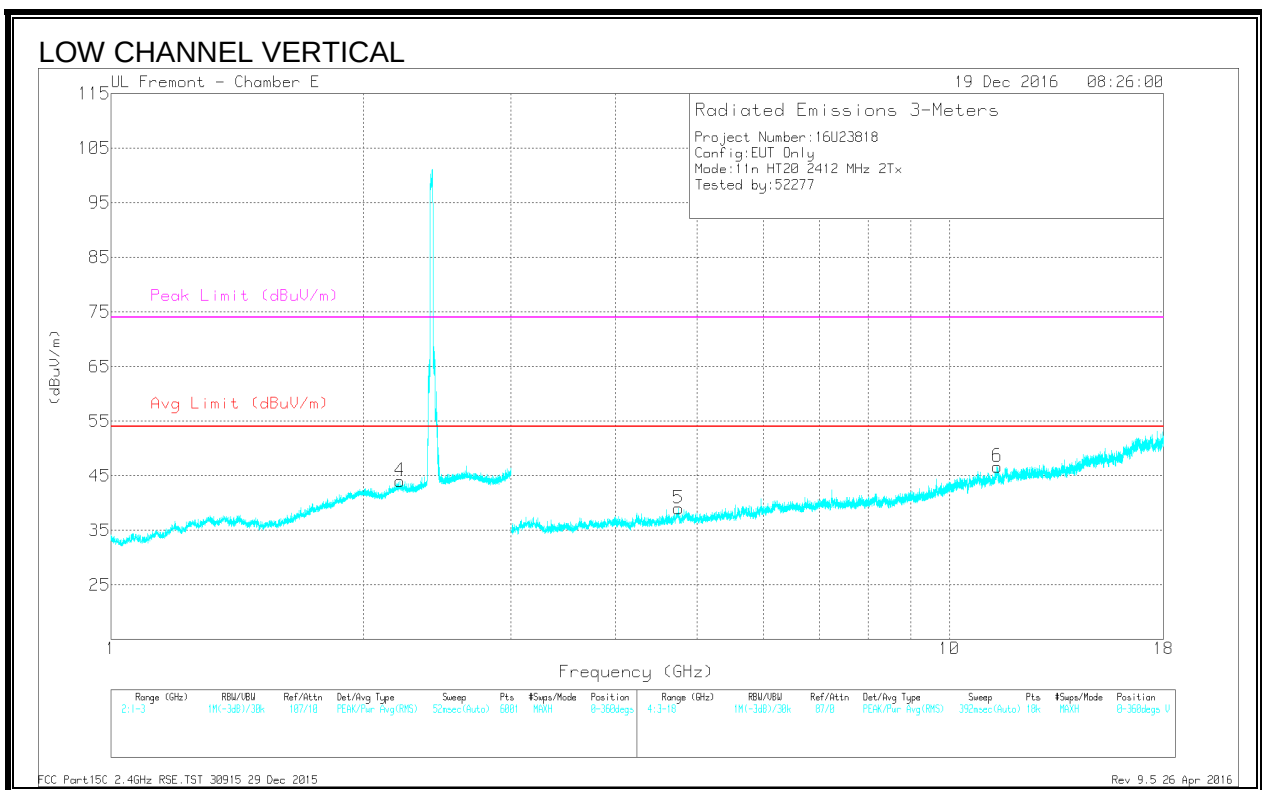
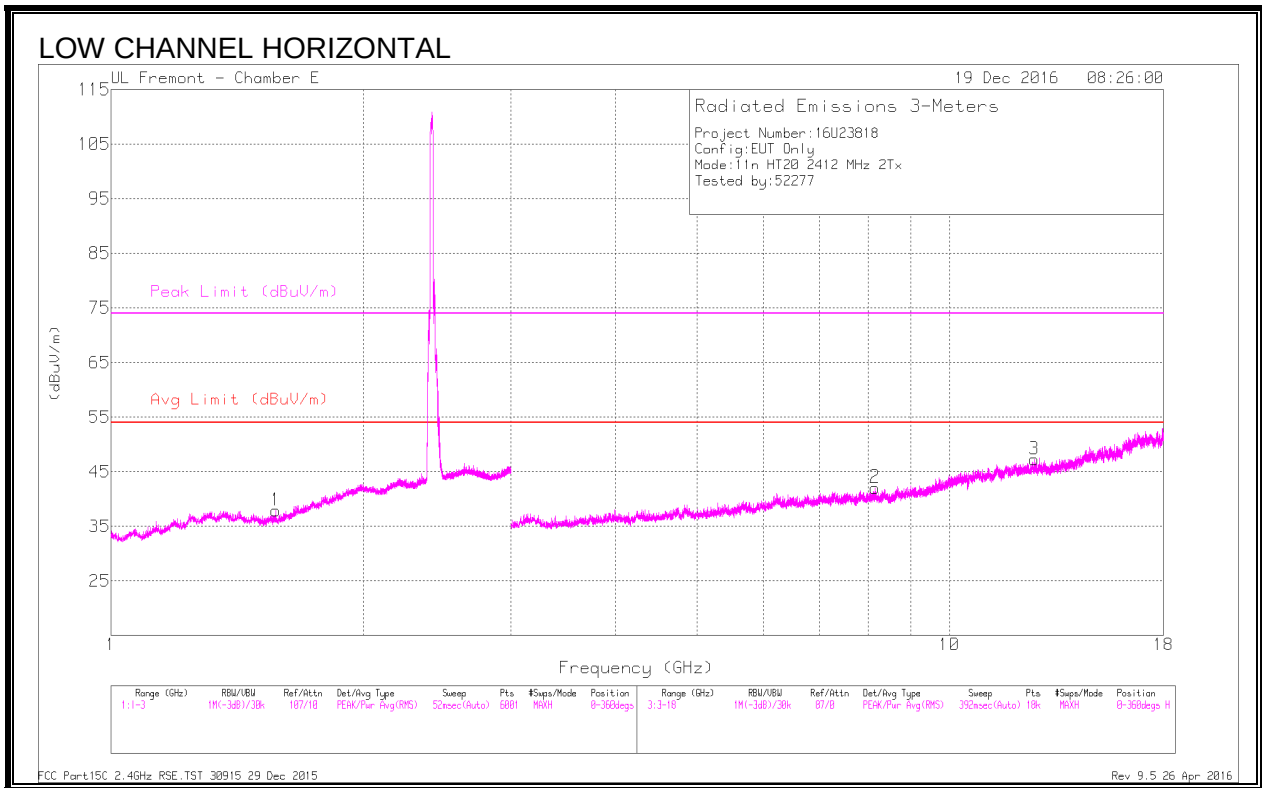
Pk - Peak detector

RMS - RMS detection

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HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL, CH 1)



Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pa d (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	* 1.575	36.85	PK2	27.8	-21.1	43.55	-	-	74	-30.45	145	140	H
	* 1.574	25.25	MAv1	27.8	-21.1	31.95	54	-22.05	-	-	145	140	H
4	* 2.212	37.23	PK2	31.8	-19.6	49.43	-	-	74	-24.57	347	236	V
	* 2.212	26.21	MAv1	31.8	-19.6	38.41	54	-15.59	-	-	347	236	V
2	* 8.155	38.27	PK2	35.7	-25.4	48.57	-	-	74	-25.43	282	318	H
	* 8.153	27.17	MAv1	35.7	-25.3	37.57	54	-16.43	-	-	282	318	H
3	* 12.616	38.13	PK2	39.1	-24.6	52.63	-	-	74	-21.37	113	151	H
	* 12.615	27.3	MAv1	39.1	-24.6	41.8	54	-12.2	-	-	113	151	H
5	* 4.752	40.78	PK2	34	-28.9	45.88	-	-	74	-28.12	66	236	V
	* 4.752	29.34	MAv1	34	-29	34.34	54	-19.66	-	-	66	236	V
6	* 11.412	36.73	PK2	38.2	-21.8	53.13	-	-	74	-20.87	0	276	V
	* 11.41	25.86	MAv1	38.2	-21.7	42.36	54	-11.64	-	-	0	276	V

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

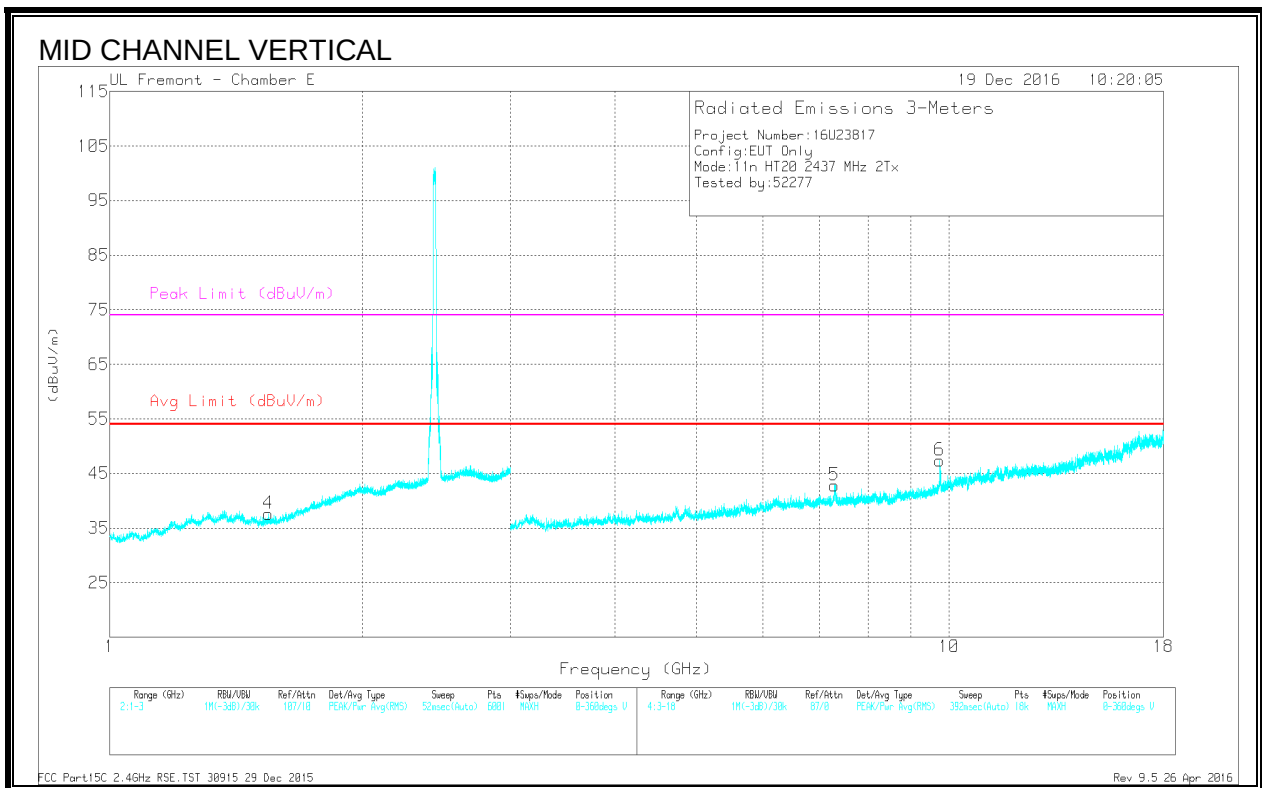
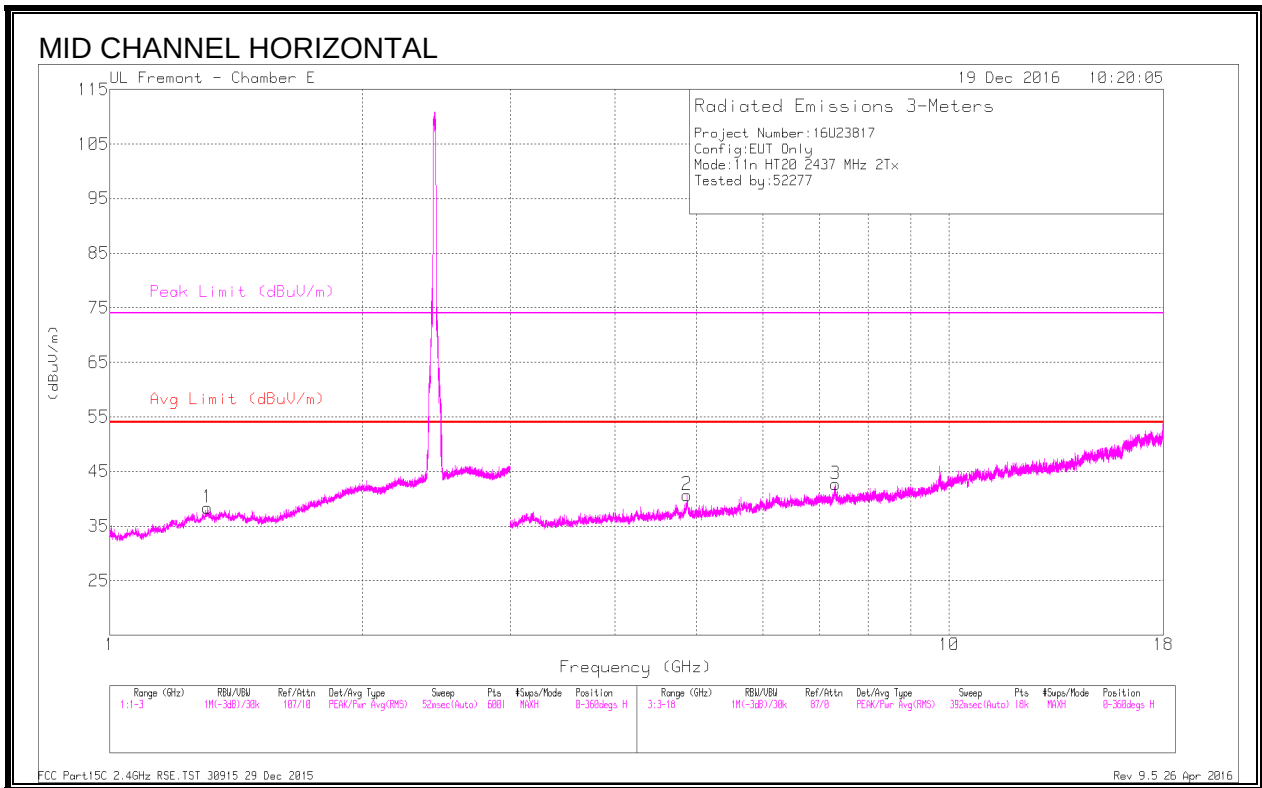
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 26 Apr 2016

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL, CH 6)



Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	* 1.31	37.13	PK2	29.3	-21.7	44.73	-	-	74	-29.27	70	299	H
	* 1.31	25.62	MAv1	29.3	-21.7	33.22	54	-20.78	-	-	70	299	H
4	* 1.546	36.46	PK2	27.8	-20.8	43.46	-	-	74	-30.54	356	292	V
	* 1.544	25.34	MAv1	27.8	-20.9	32.24	54	-21.76	-	-	356	292	V
2	* 4.867	41.82	PK2	34	-30.3	45.52	-	-	74	-28.48	13	258	H
	* 4.87	31.48	MAv1	34	-30.3	35.18	54	-18.82	-	-	13	258	H
3	* 7.317	38.76	PK2	35.6	-26.2	48.16	-	-	74	-25.84	170	360	H
	* 7.316	28.51	MAv1	35.6	-26.2	37.91	54	-16.09	-	-	170	360	H
5	* 7.298	40.61	PK2	35.6	-26.2	50.01	-	-	74	-23.99	15	122	V
	* 7.299	29.67	MAv1	35.6	-26.2	39.07	54	-14.93	-	-	15	122	V
6	9.741	42.8	PK2	36.8	-24.4	55.2	-	-	-	-	0	108	V
	9.741	31.25	MAv1	36.8	-24.4	43.65	-	-	-	-	0	108	V

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

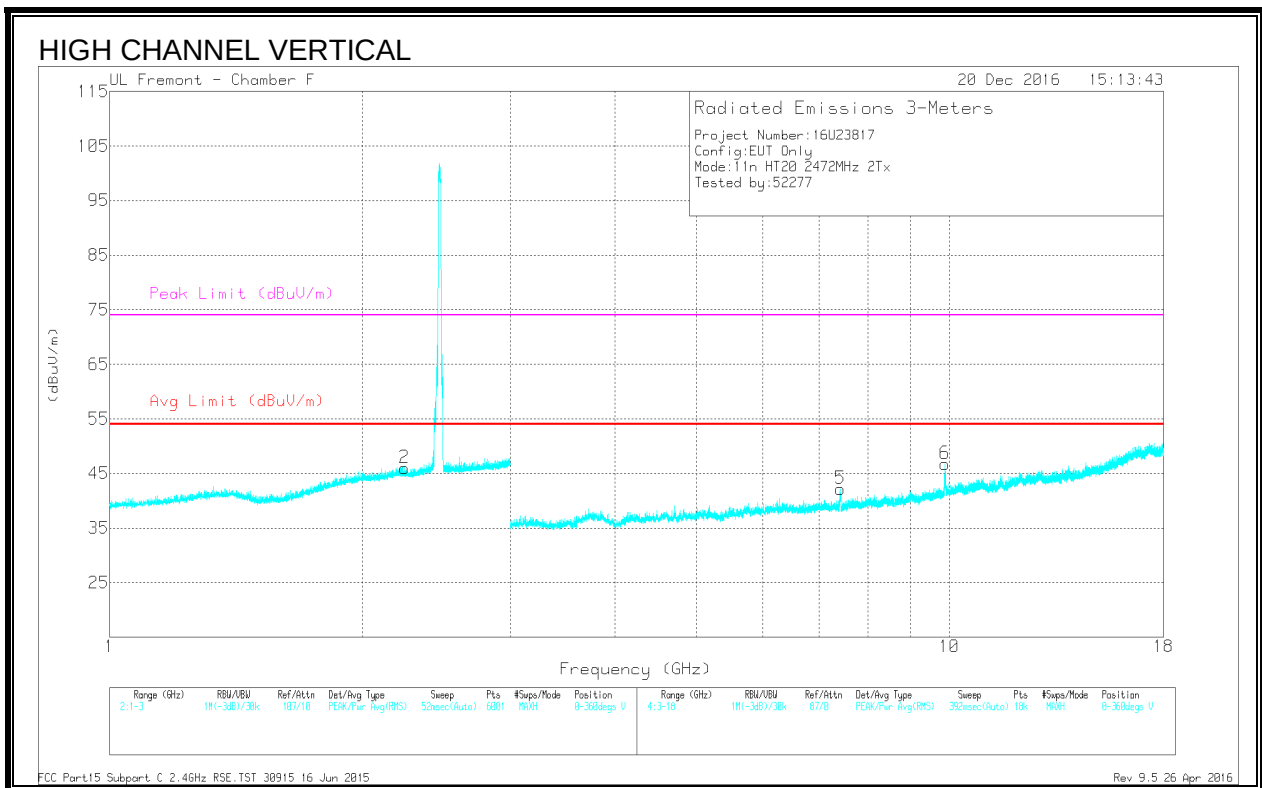
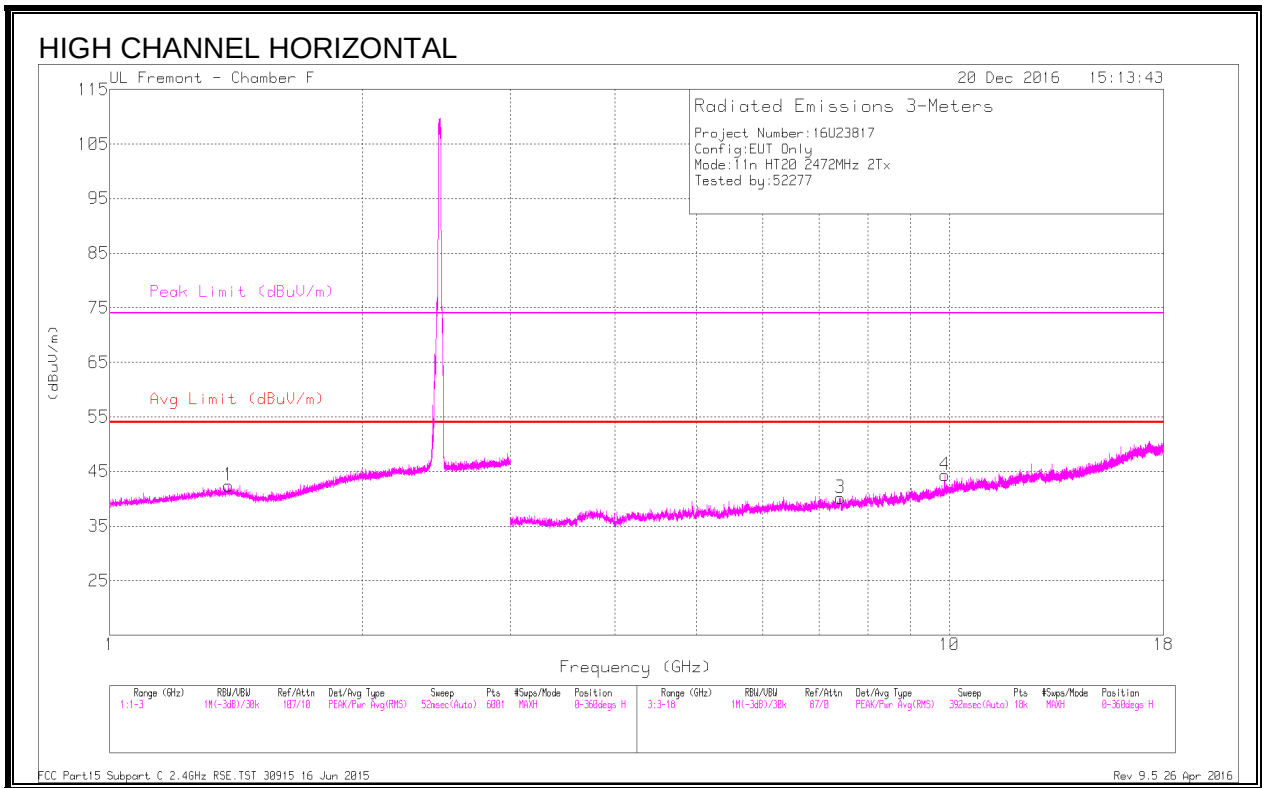
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

Rev 9.5 26 Apr 2016

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL, CH 13)



Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pa d (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	* 1.386	41.93	PK2	29.2	-22.1	49.03	-	-	74	-24.97	102	373	H
	* 1.387	30.53	MAv1	29.3	-22.1	37.73	-	-	-	-	102	373	H
2	* 2.247	41.75	PK2	31.8	-21	52.55	-	-	74	-21.45	224	164	V
	* 2.248	30.43	MAv1	31.8	-21	41.23	-	-	-	-	224	164	V
3	* 7.418	37.65	PK2	35.6	-25.7	47.55	-	-	74	-26.45	225	200	H
	* 7.418	27.5	MAv1	35.6	-25.7	37.4	-	-	-	-	225	200	H
4	9.881	37.6	PK2	36.9	-22.3	52.2	-	-	-	-	351	241	H
	9.881	26.9	MAv1	36.9	-22.3	41.5	-	-	-	-	351	241	H
5	* 7.422	36.64	PK2	35.6	-25.7	46.54	-	-	74	-27.46	247	102	V
	* 7.42	26.21	MAv1	35.6	-25.7	36.11	-	-	-	-	247	102	V
6	9.889	40.14	PK2	36.9	-22.2	54.84	-	-	-	-	213	256	V
	9.889	29.43	MAv1	36.9	-22.2	44.13	-	-	-	-	213	256	V

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

PK2 - KDB558074 Method: Maximum Peak

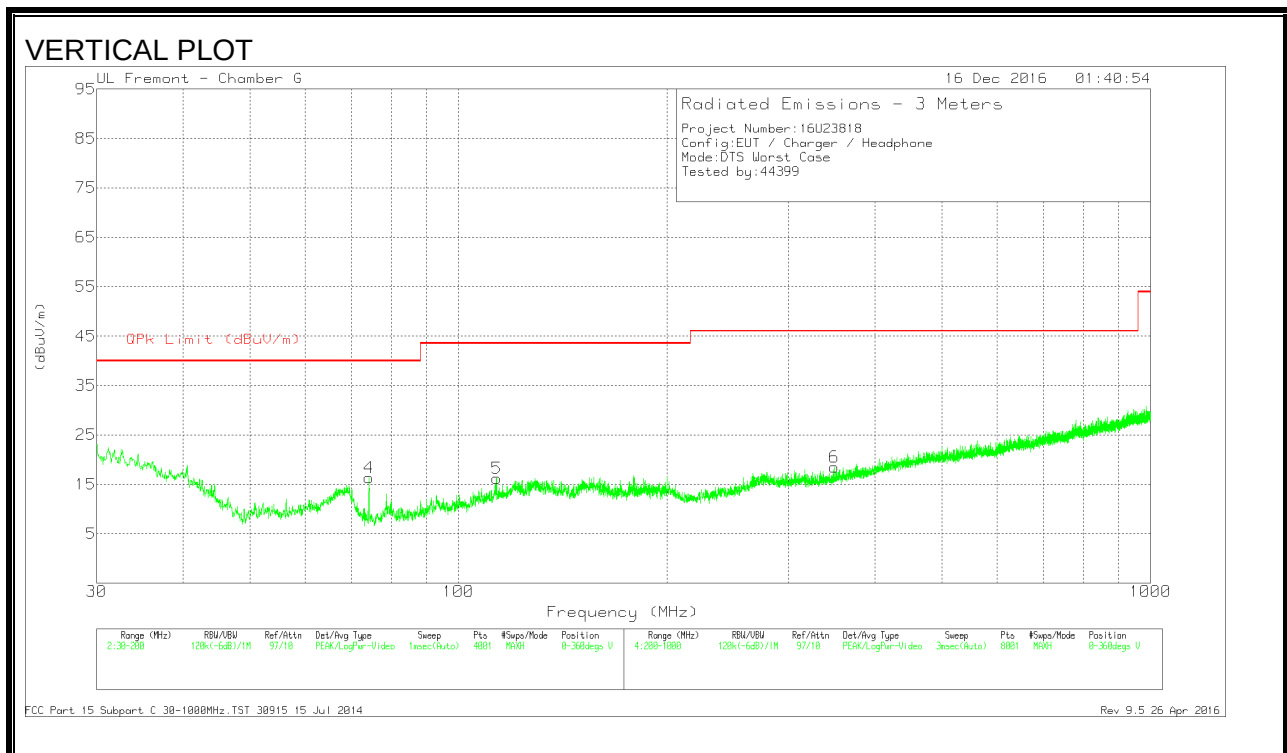
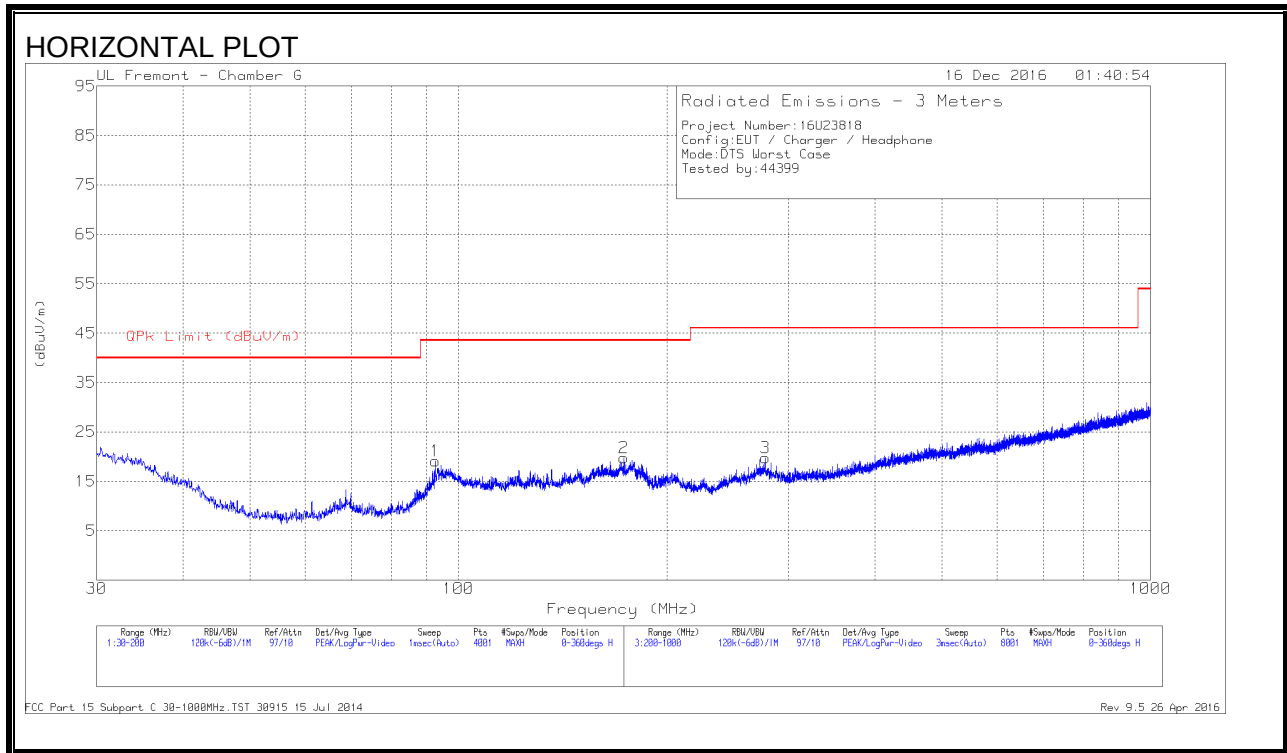
MAv1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15 Subpart C 2.4GHz RSE.TST 30915 16 Jun 2015

Rev 9.5 26 Apr 2016

9.3. WORST-CASE BELOW 1 GHz

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



DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T900 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 74.2425	35.06	Pk	12	-30.7	16.36	40	-23.64	0-360	100	V
5	* 113.47	29.66	Pk	16.9	-30.3	16.26	43.52	-27.26	0-360	100	V
3	* 277.6	31.47	Pk	17.3	-29	19.77	46.02	-26.25	0-360	100	H
1	92.6025	37.37	Pk	12.2	-30.5	19.07	43.52	-24.45	0-360	200	H
2	173.5225	34.19	Pk	15.4	-29.8	19.79	43.52	-23.73	0-360	200	H
6	348.8	28.95	Pk	18.2	-28.6	18.55	46.02	-27.47	0-360	300	V

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

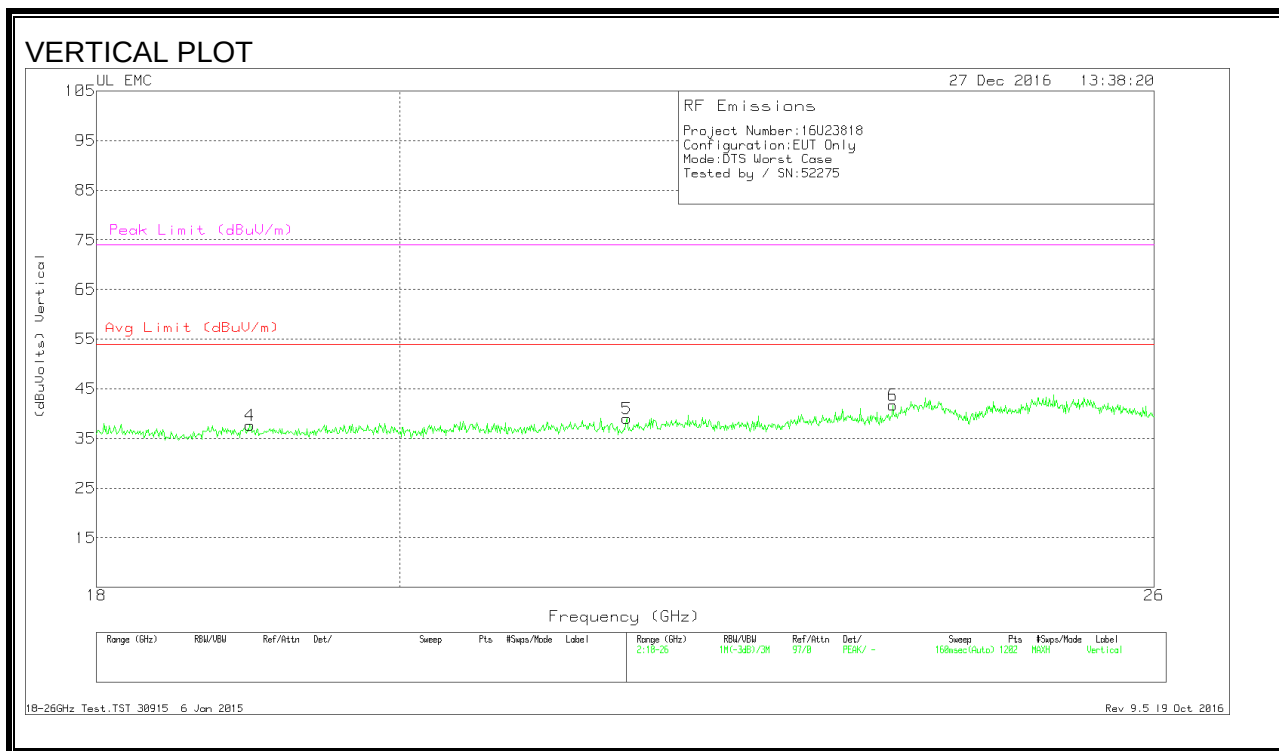
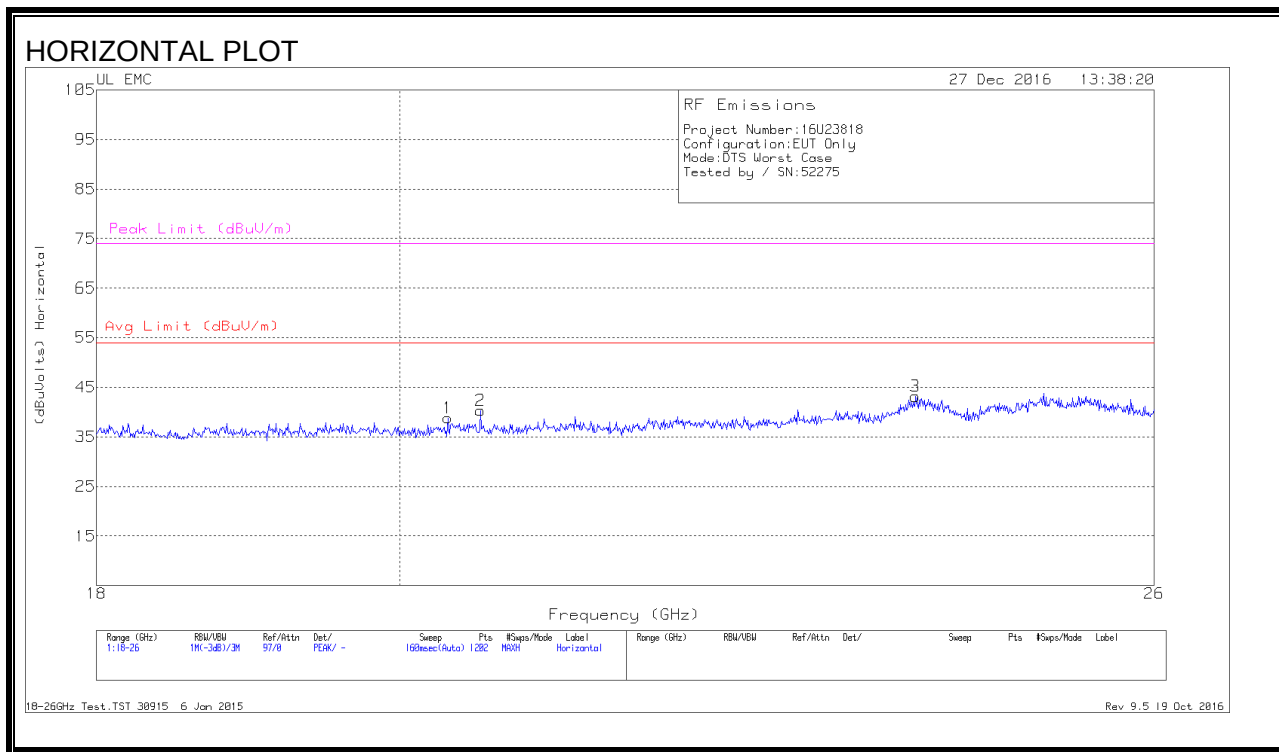
Pk - Peak detector

FCC Part 15 Subpart C 30-1000MHz.TST 30915 15 Jul 2014

Rev 9.5 26 Apr 2016

9.4. WORST-CASE 18 to 26 GHz

SPURIOUS EMISSIONS 18 TO 26 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T449 (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	20.338	40.83	Pk	32.9	-25.4	-9.5	38.83	54	-15.17	74	-35.17
2	20.571	42.33	Pk	32.9	-25.4	-9.5	40.33	54	-13.67	74	-33.67
3	23.928	42.67	Pk	34	-24	-9.5	43.17	54	-10.837	74	-30.83
4	18.986	39.67	Pk	32.6	-25.1	-9.5	37.67	54	-16.337	74	-36.33
5	21.644	40.5	Pk	33.2	-25.2	-9.5	39	54	-15	74	-35
6	23.742	41.67	Pk	33.8	-24.3	-9.5	41.67	54	-12.337	74	-32.33

Pk - Peak detector

18-26GHz Test.TST 30915 6 Jan 2015

Rev 9.5 19 Oct 2016

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBμV)	
	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

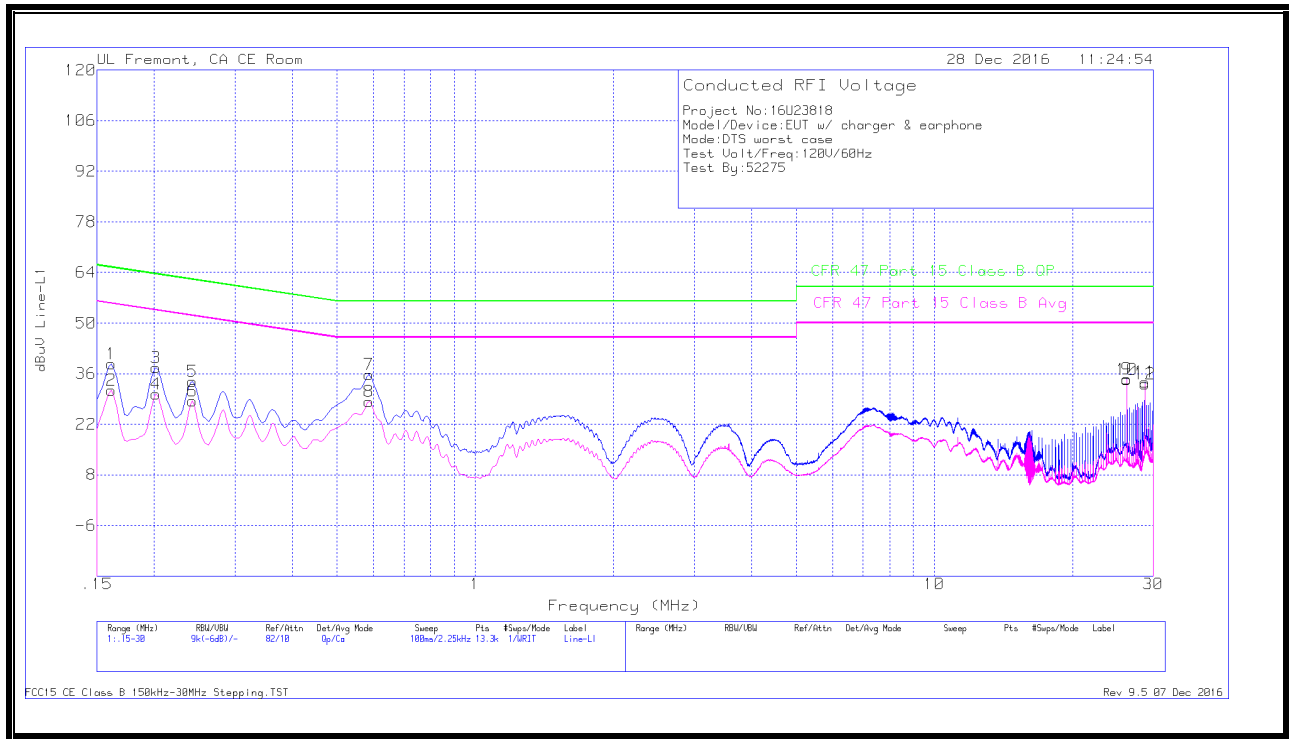
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

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.

10.1. EUT POWERED BY AC/DC ADAPTER VIA USB CABLE

LINE 1 RESULTS



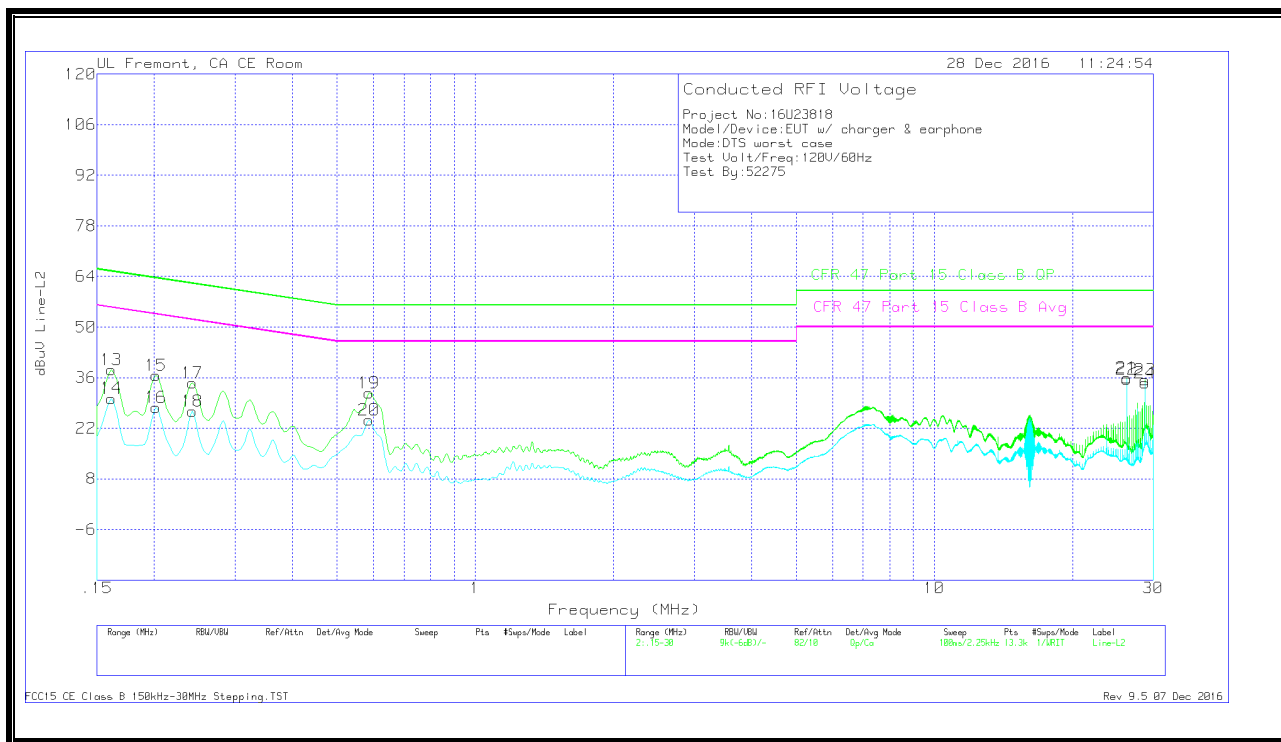
WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables 1&3	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	28.63	Qp	0	0	10.1	38.73	65.4	-26.67	-	-
2	.16125	21.23	Ca	0	0	10.1	31.33	-	-	55.4	-24.07
3	.20175	27.59	Qp	0	0	10.1	37.69	63.54	-25.85	-	-
4	.20175	20.26	Ca	0	0	10.1	30.36	-	-	53.54	-23.18
5	.24225	23.67	Qp	0	0	10.1	33.77	62.02	-28.25	-	-
6	.24225	18.33	Ca	0	0	10.1	28.43	-	-	52.02	-23.59
7	.5865	25.58	Qp	0	0	10.1	35.68	56	-20.32	-	-
8	.5865	18.21	Ca	0	0	10.1	28.31	-	-	46	-17.69
9	26.25	23.7	Qp	.1	.3	10.5	34.6	60	-25.4	-	-
10	26.25	23.52	Ca	.1	.3	10.5	34.42	-	-	50	-15.58
11	28.74975	22.82	Qp	.1	.3	10.4	33.62	60	-26.38	-	-
12	28.74975	22.36	Ca	.1	.3	10.4	33.16	-	-	50	-16.84

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



WORST EMISSIONS

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables 2&3	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	28.13	Qp	0	0	10.1	38.23	65.4	-27.17	-	-
14	.16125	20.17	Ca	0	0	10.1	30.27	-	-	55.4	-25.13
15	.20175	26.57	Qp	0	0	10.1	36.67	63.54	-26.87	-	-
16	.20175	17.72	Ca	0	0	10.1	27.82	-	-	53.54	-25.72
17	.24225	24.5	Qp	0	0	10.1	34.6	62.02	-27.42	-	-
18	.24225	16.55	Ca	0	0	10.1	26.65	-	-	52.02	-25.37
19	.5865	21.63	Qp	0	0	10.1	31.73	56	-24.27	-	-
20	.5865	14.13	Ca	0	0	10.1	24.23	-	-	46	-21.77
21	26.25	24.96	Qp	.1	.3	10.5	35.86	60	-24.14	-	-
22	26.25	24.69	Ca	.1	.3	10.5	35.59	-	-	50	-14.41
23	28.74975	24.53	Qp	.1	.3	10.4	35.33	60	-24.67	-	-
24	28.74975	23.68	Ca	.1	.3	10.4	34.48	-	-	50	-15.52

Qp - Quasi-Peak detector

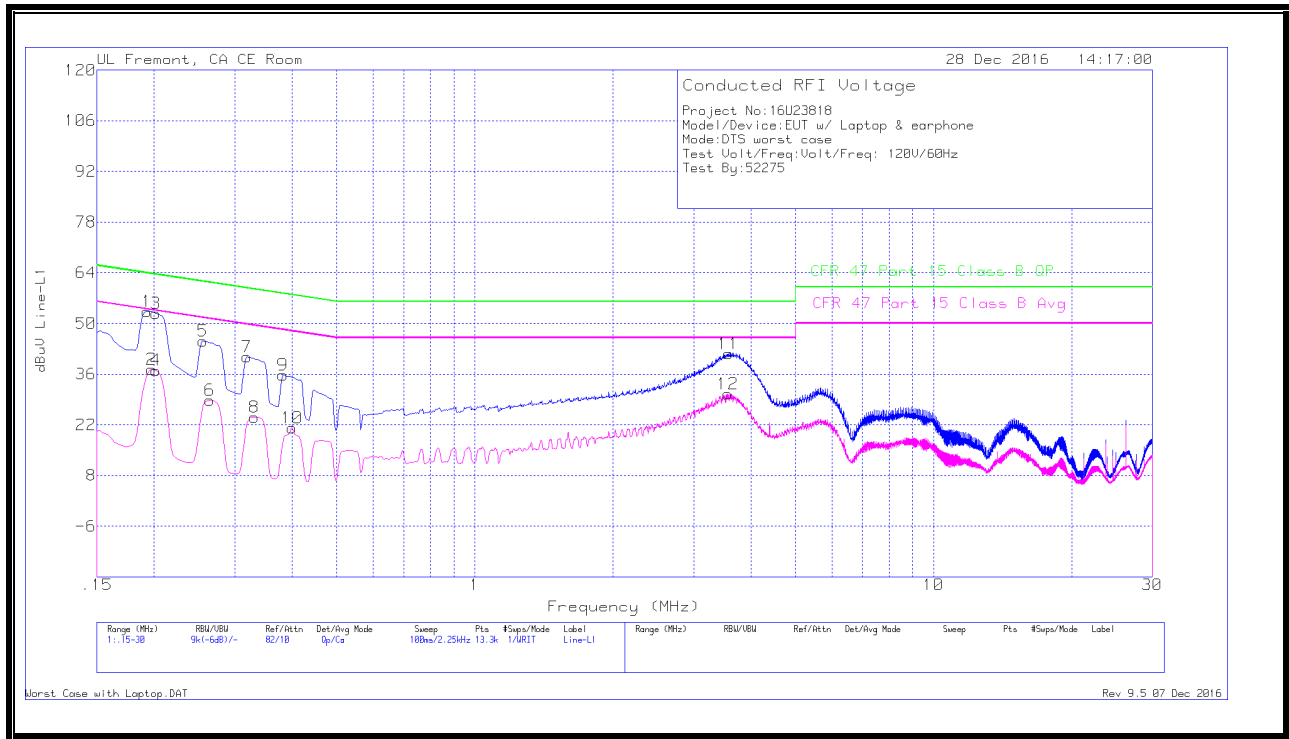
Ca - CISPR average detection

FCC15 CE Class B 150kHz-30MHz Stepping.TST

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10.2. EUT POWERED BY HOST PC VIA USB CABLE

LINE 1 RESULTS



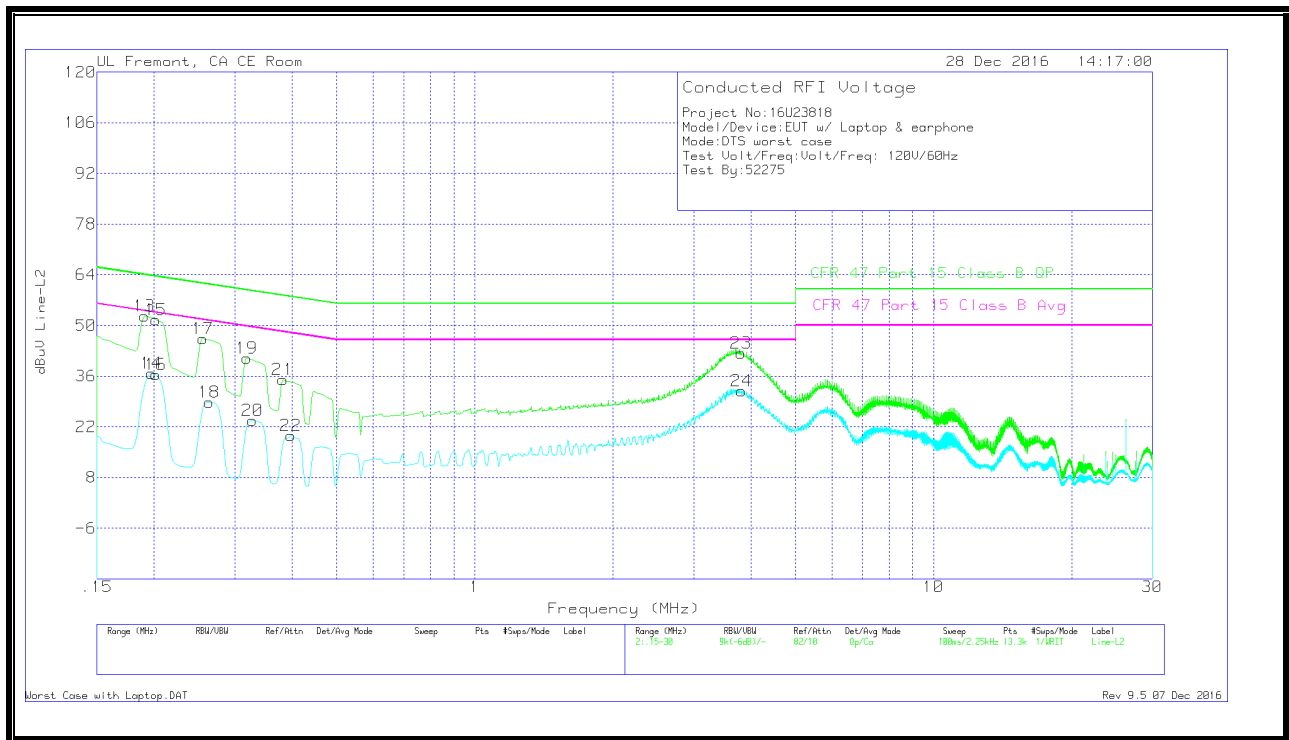
WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables 1&3	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	.19275	43.25	Qp	0	0	10.1	53.35	63.92	-10.57	-	-
2	.19725	27.17	Ca	0	0	10.1	37.27	-	-	53.73	-16.46
3	.20175	42.72	Qp	0	0	10.1	52.82	63.54	-10.72	-	-
4	.20175	26.95	Ca	0	0	10.1	37.05	-	-	53.54	-16.49
5	.25575	35.06	Qp	0	0	10.1	45.16	61.57	-16.41	-	-
6	.26475	18.63	Ca	0	0	10.1	28.73	-	-	51.28	-22.55
7	.31875	30.67	Qp	0	0	10.1	40.77	59.74	-18.97	-	-
8	.33112	14.04	Ca	0	0	10.1	24.14	-	-	49.42	-25.28
9	.38175	25.64	Qp	0	0	10.1	35.74	58.24	-22.5	-	-
10	.39975	11.06	Ca	0	0	10.1	21.16	-	-	47.86	-26.7
11	3.56775	31.52	Qp	0	.1	10.1	41.72	56	-14.28	-	-
12	3.5565	20.33	Ca	0	.1	10.1	30.53	-	-	46	-15.47

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



WORST EMISSIONS

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
13	.1905	42.56	Qp	0	0	10.1	52.66	64.01	-11.35	-	-
14	.19725	26.61	Ca	0	0	10.1	36.71	-	-	53.73	-17.02
15	.20175	41.49	Qp	0	0	10.1	51.59	63.54	-11.95	-	-
16	.20175	26.31	Ca	0	0	10.1	36.41	-	-	53.54	-17.13
17	.25575	36.28	Qp	0	0	10.1	46.38	61.57	-15.19	-	-
18	.26363	18.7	Ca	0	0	10.1	28.8	-	-	51.32	-22.52
19	.31875	30.91	Qp	0	0	10.1	41.01	59.74	-18.73	-	-
20	.32775	13.63	Ca	0	0	10.1	23.73	-	-	49.51	-25.78
21	.38175	24.96	Qp	0	0	10.1	35.06	58.24	-23.18	-	-
22	.3975	9.53	Ca	0	0	10.1	19.63	-	-	47.91	-28.28
23	3.804	32.13	Qp	0	.1	10.1	42.33	56	-13.67	-	-
24	3.813	21.76	Ca	0	.1	10.1	31.96	-	-	46	-14.04

Qp - Quasi-Peak detector

Ca - CISPR average detection

Worst Case with Laptop.DAT

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