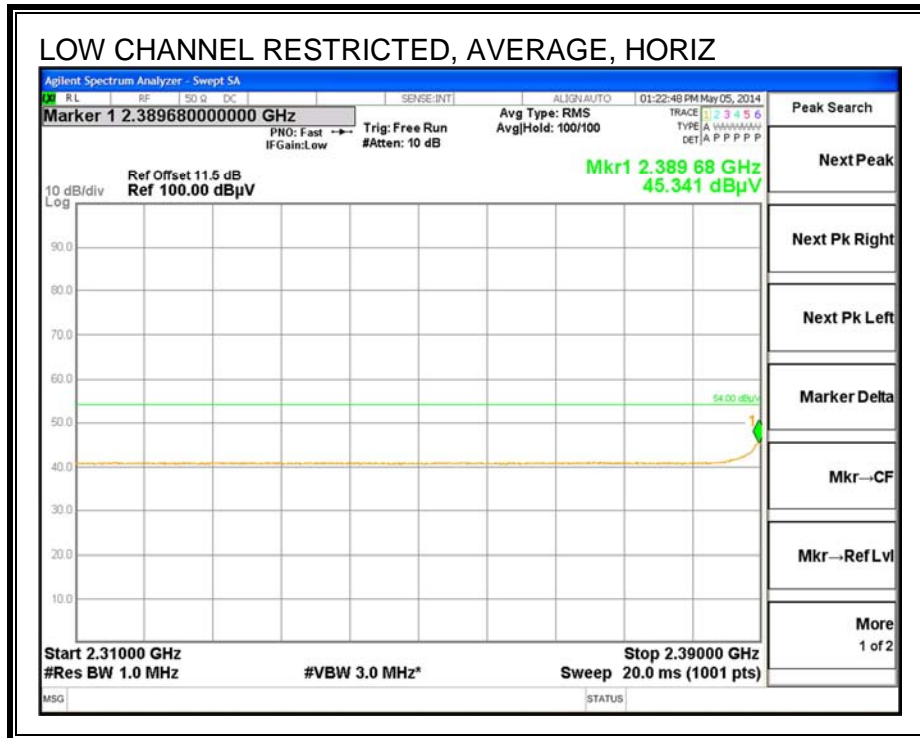
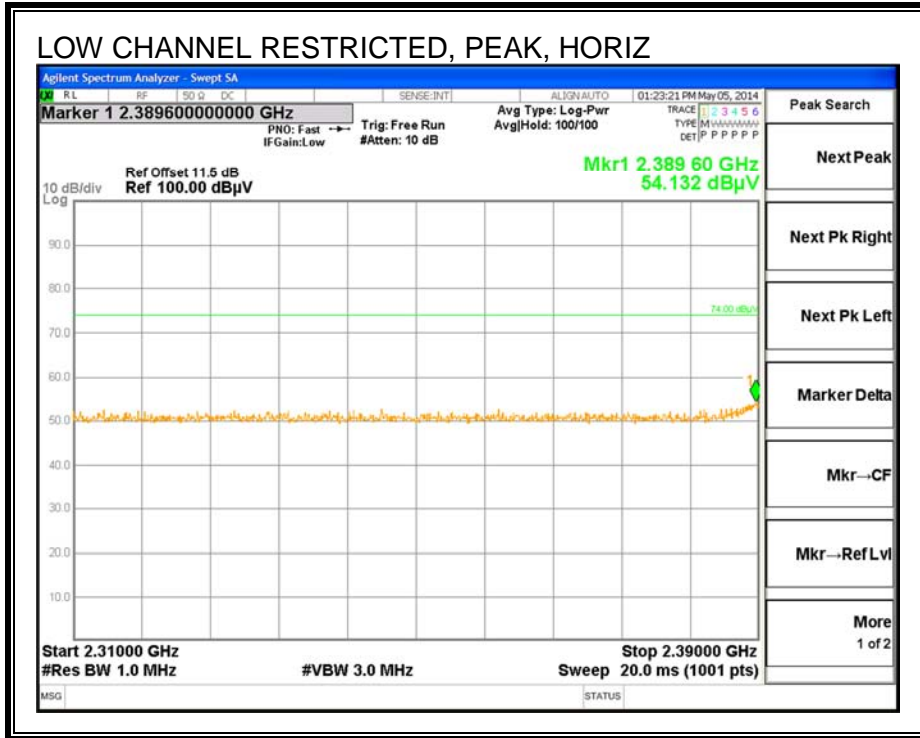
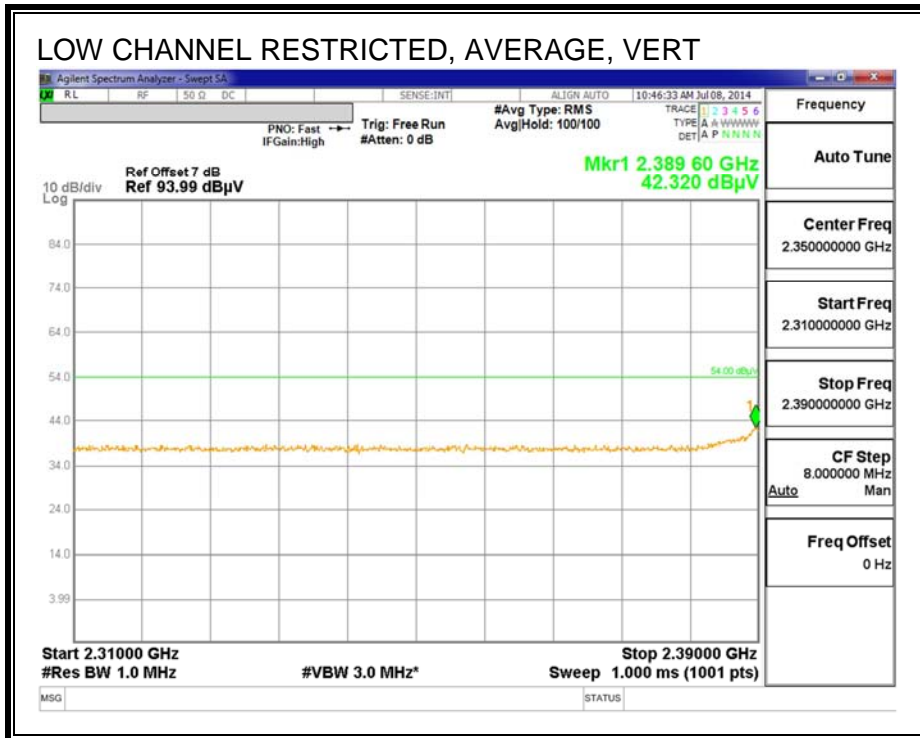
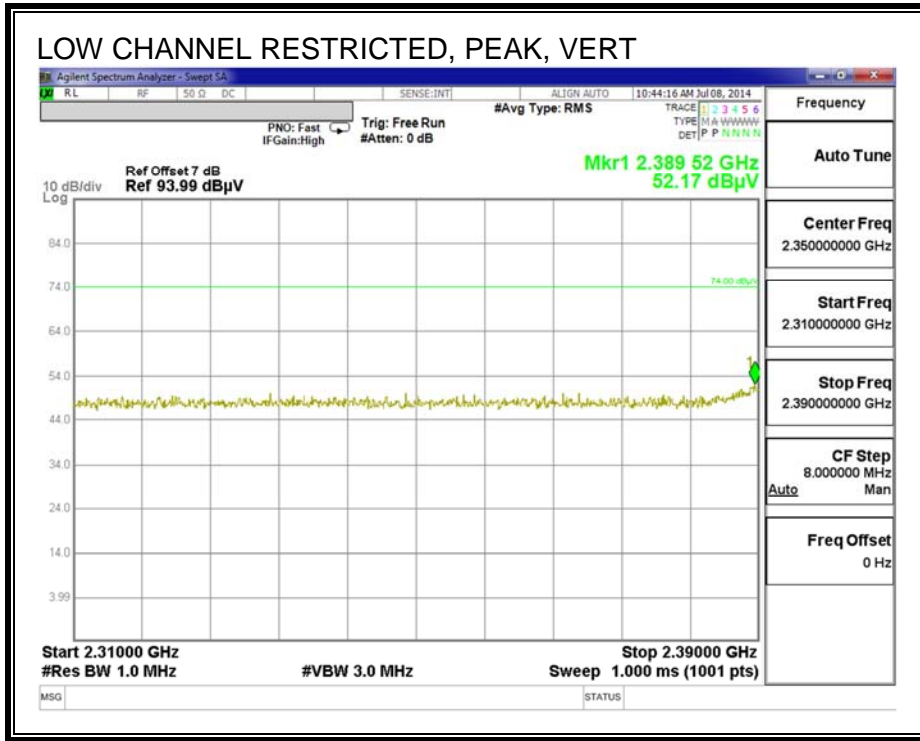
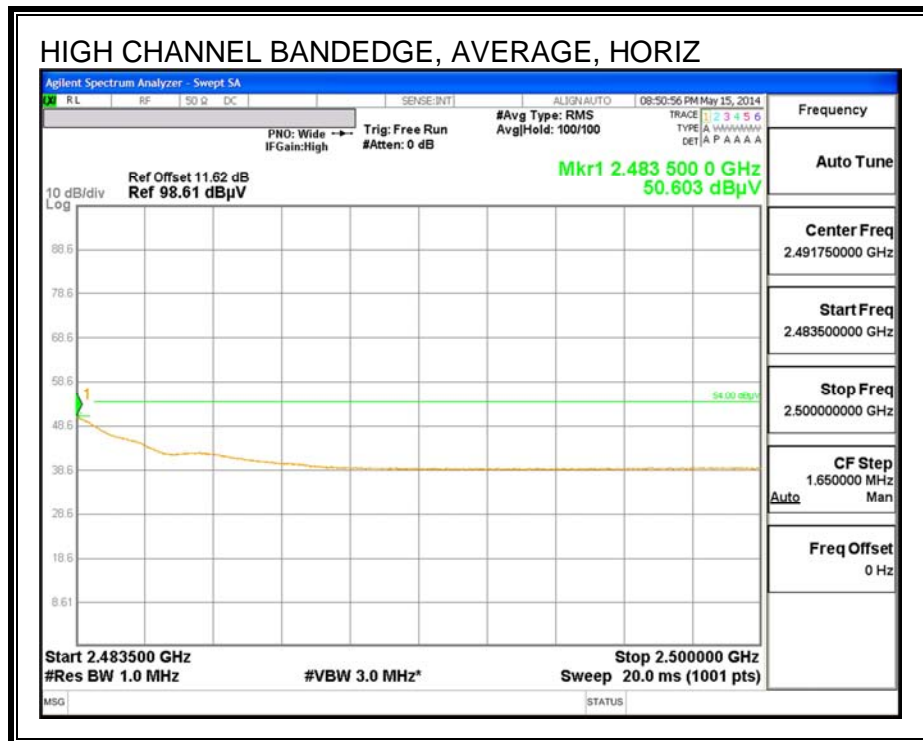
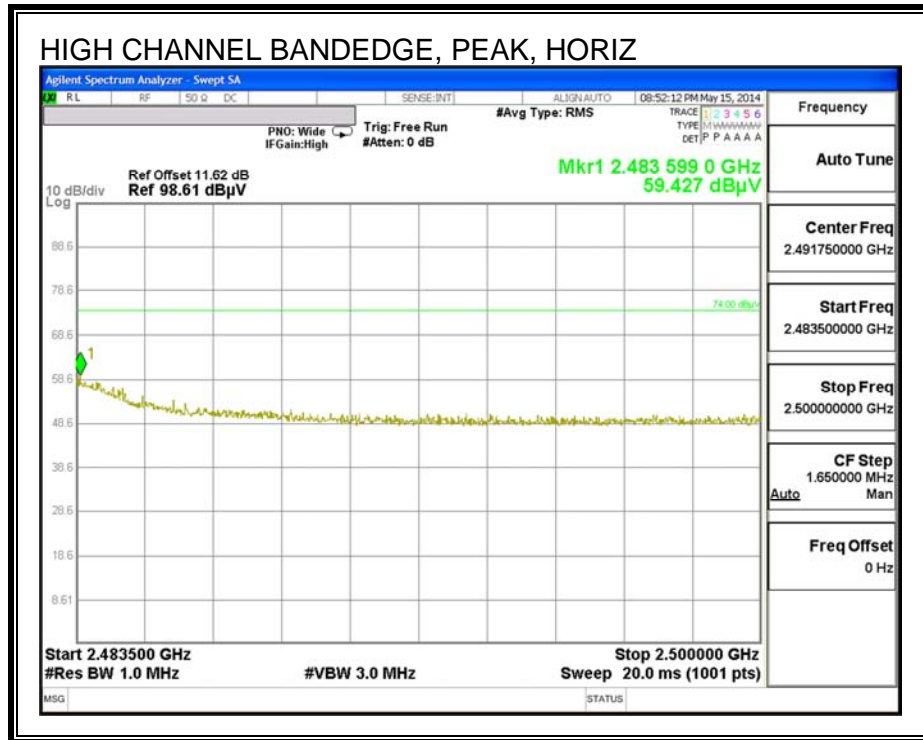


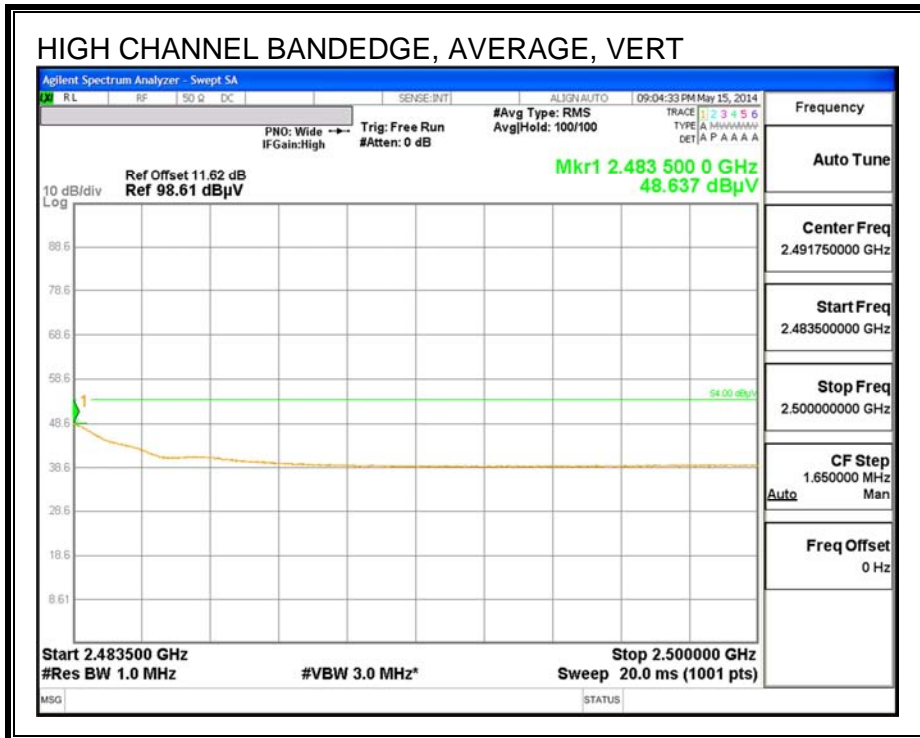
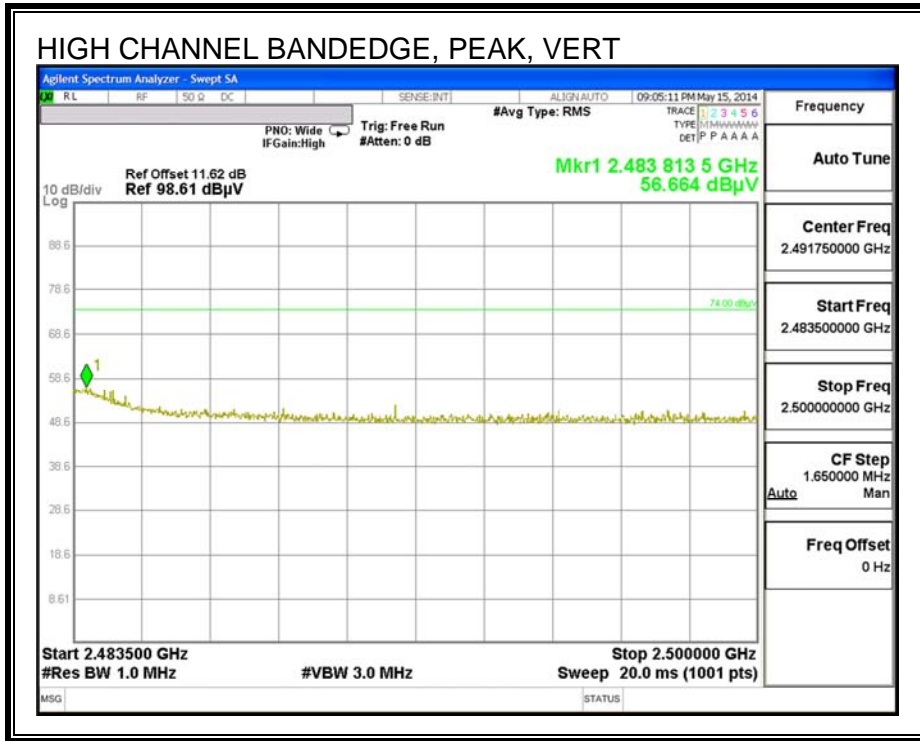
RESTRICTED BANDEGE (LOW CHANNEL, CHANNEL 3)



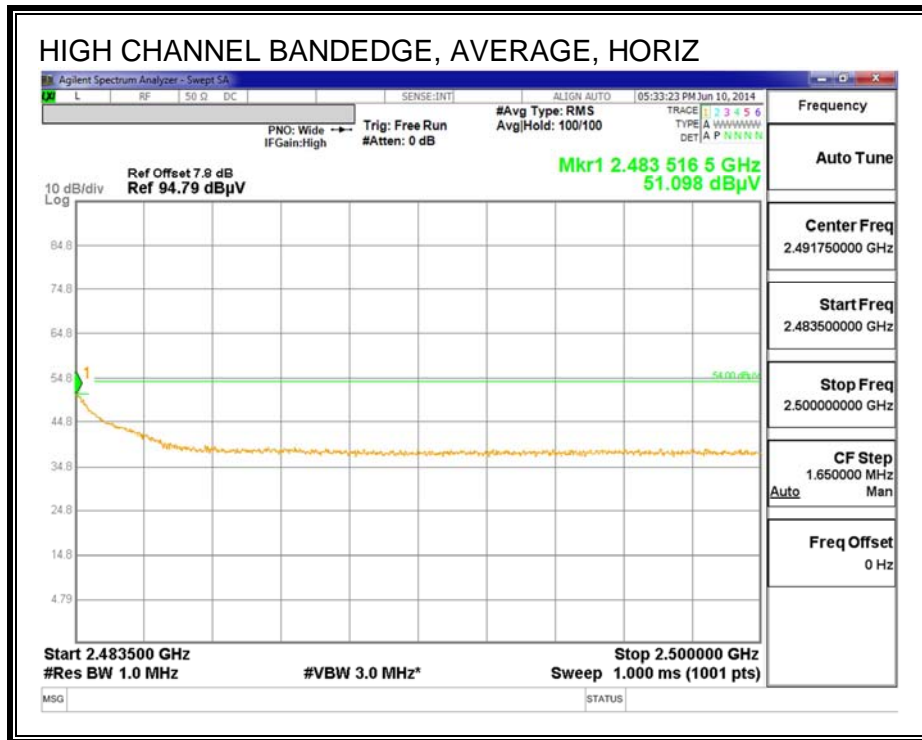
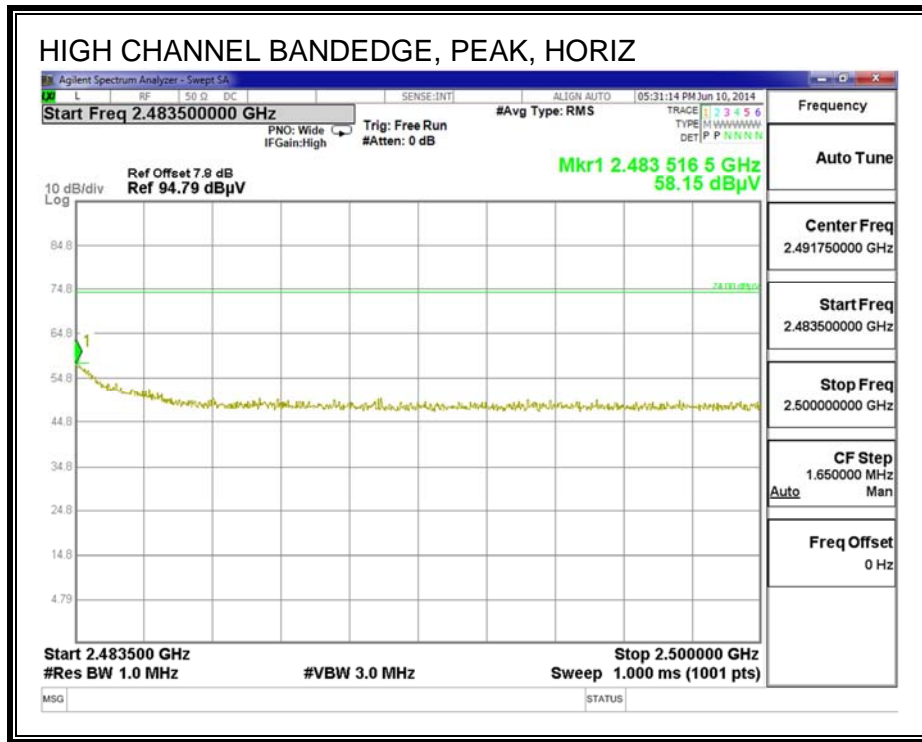


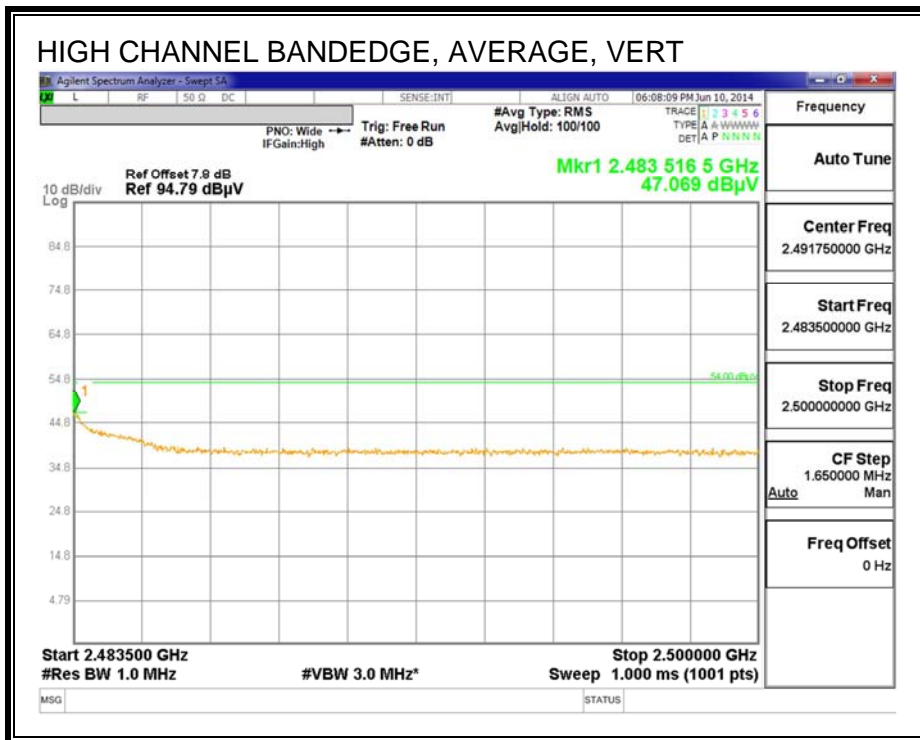
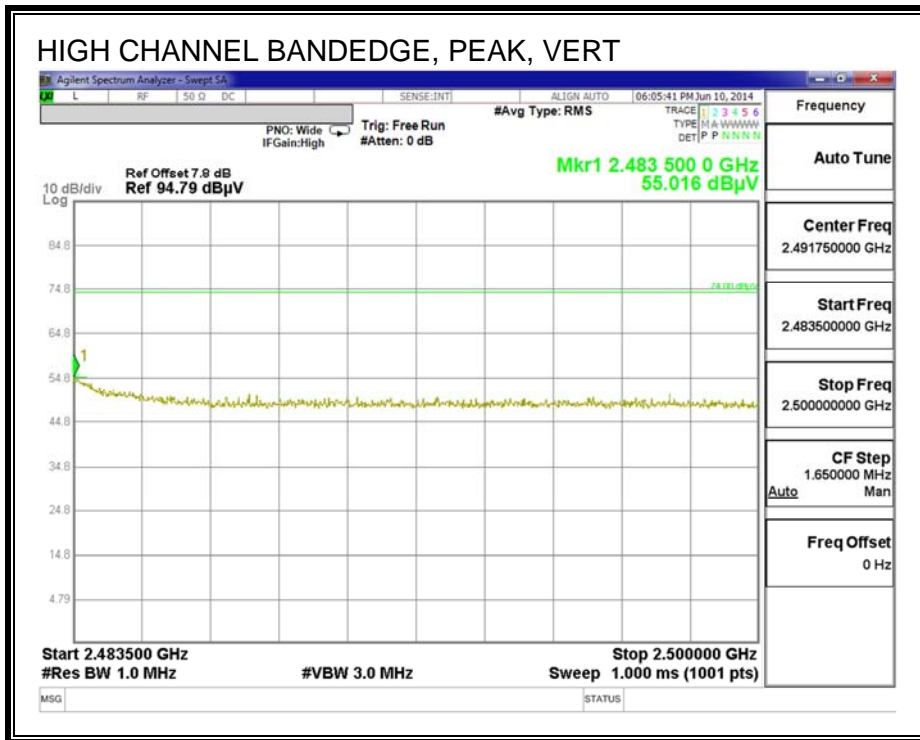
RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 11)



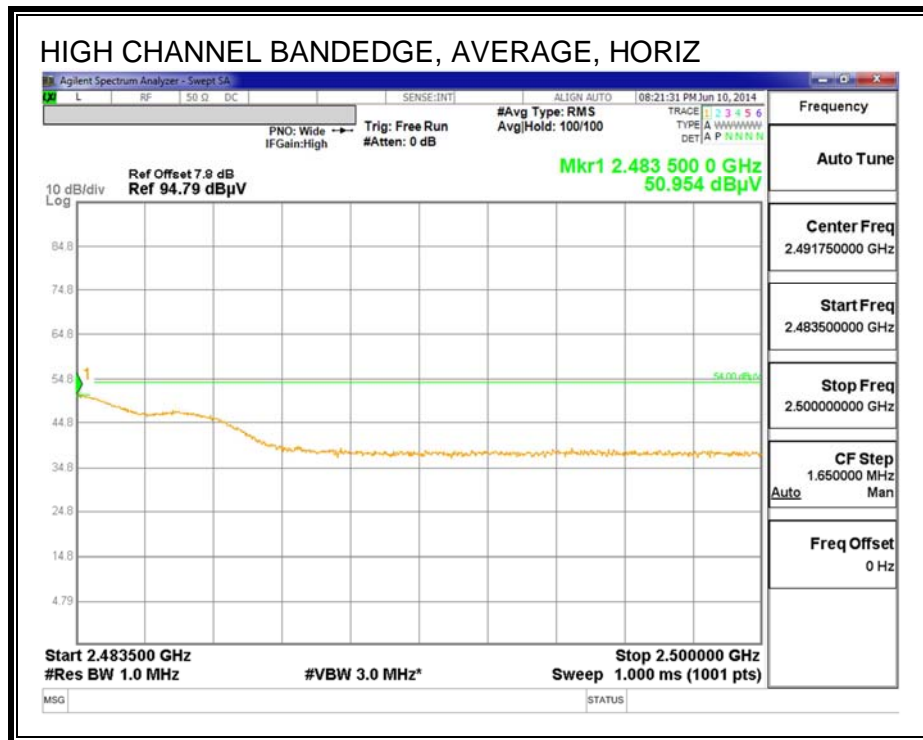
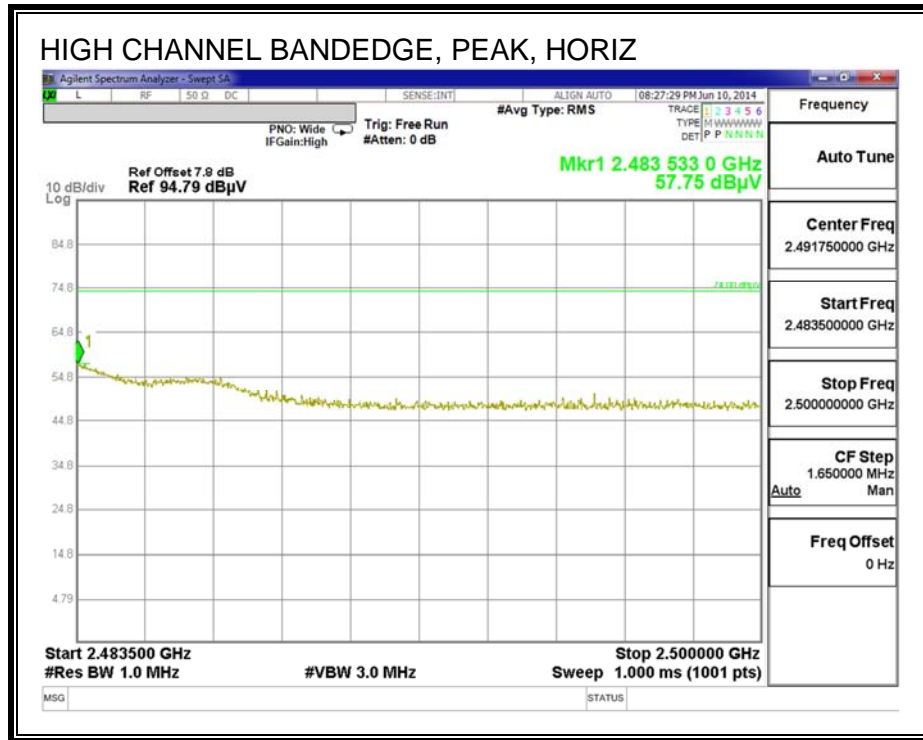


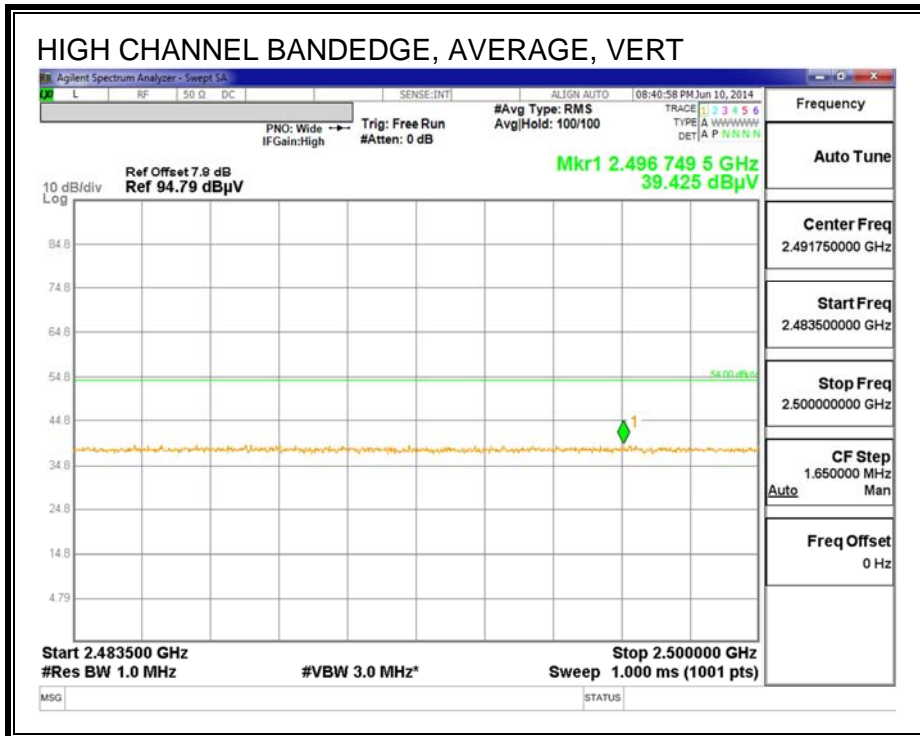
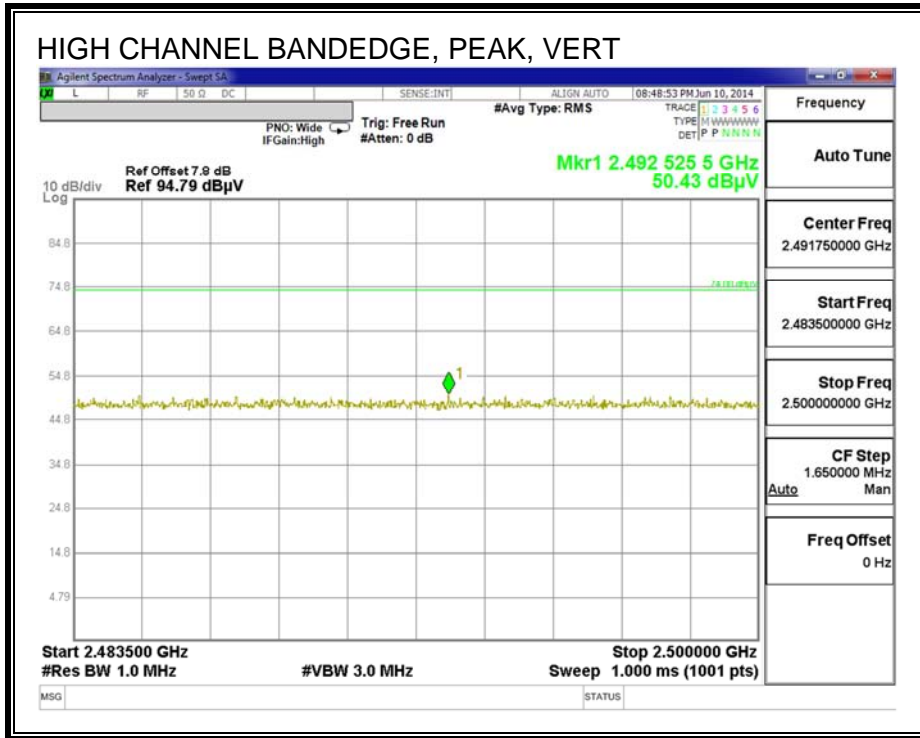
RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 12)





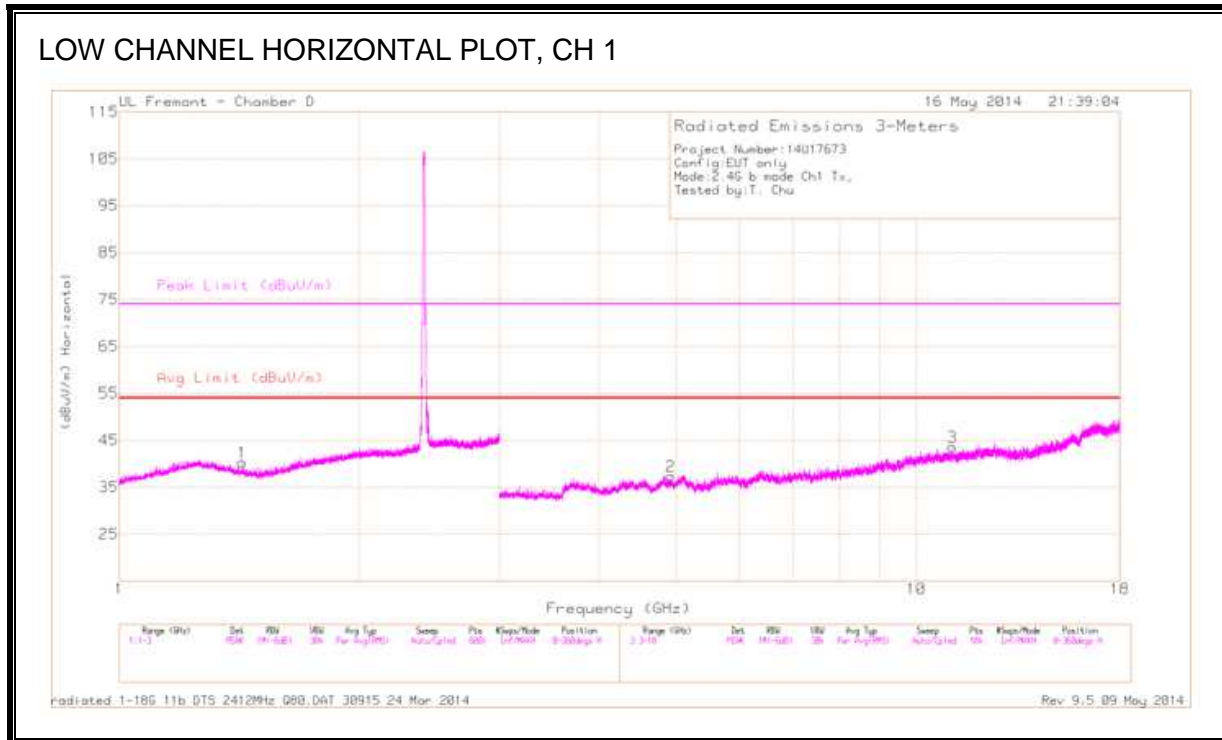
RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 13)



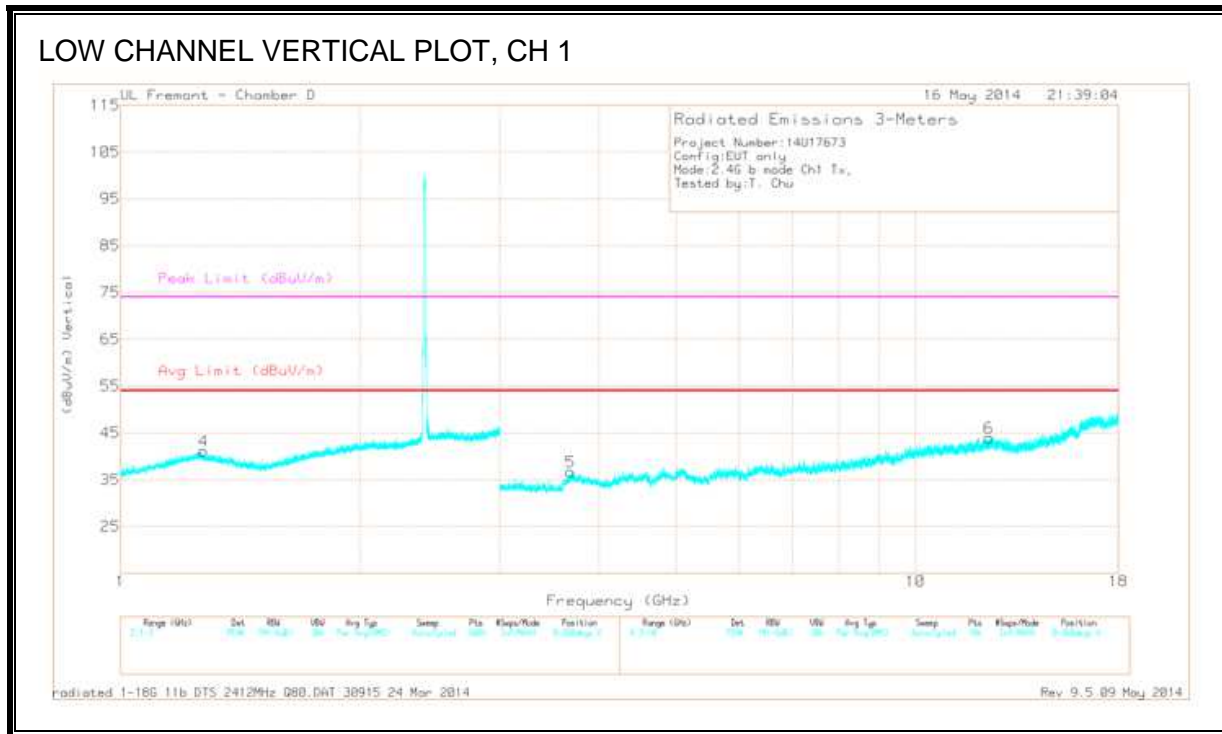


LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT, CH 1



LOW CHANNEL VERTICAL PLOT, CH 1



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/C b/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.426	41.8	PK2	27.7	-21.8	0	47.7	-	-	74	-26.3	317	200	H
	* 1.426	29.78	MAv1	27.7	-21.8	0	35.68	54	-18.32	-	-	317	200	H
2	* 4.926	38.87	PK2	33.5	-27.9	0	44.47	-	-	74	-29.53	317	200	H
	* 4.925	27.05	MAv1	33.5	-27.9	0	32.65	54	-21.35	-	-	317	200	H
3	* 11.092	35.15	PK2	37.5	-21	0	51.65	-	-	74	-22.35	317	200	H
	* 11.092	23.92	MAv1	37.5	-21	0	40.42	54	-13.58	-	-	317	200	H
4	* 1.272	41.56	PK2	29.4	-22.1	0	48.86	-	-	74	-25.14	317	200	V
	* 1.271	30.28	MAv1	29.4	-22.1	0	37.58	54	-16.42	-	-	317	200	V
5	* 3.68	38.38	PK2	32.6	-28	0	42.98	-	-	74	-31.02	317	200	V
	* 3.681	27.61	MAv1	32.6	-28	0	32.21	54	-21.79	-	-	317	200	V
6	* 12.36	34.75	PK2	38.4	-21.6	0	51.55	-	-	74	-22.45	317	200	V
	* 12.36	23.61	MAv1	38.4	-21.6	0	40.41	54	-13.59	-	-	317	200	V

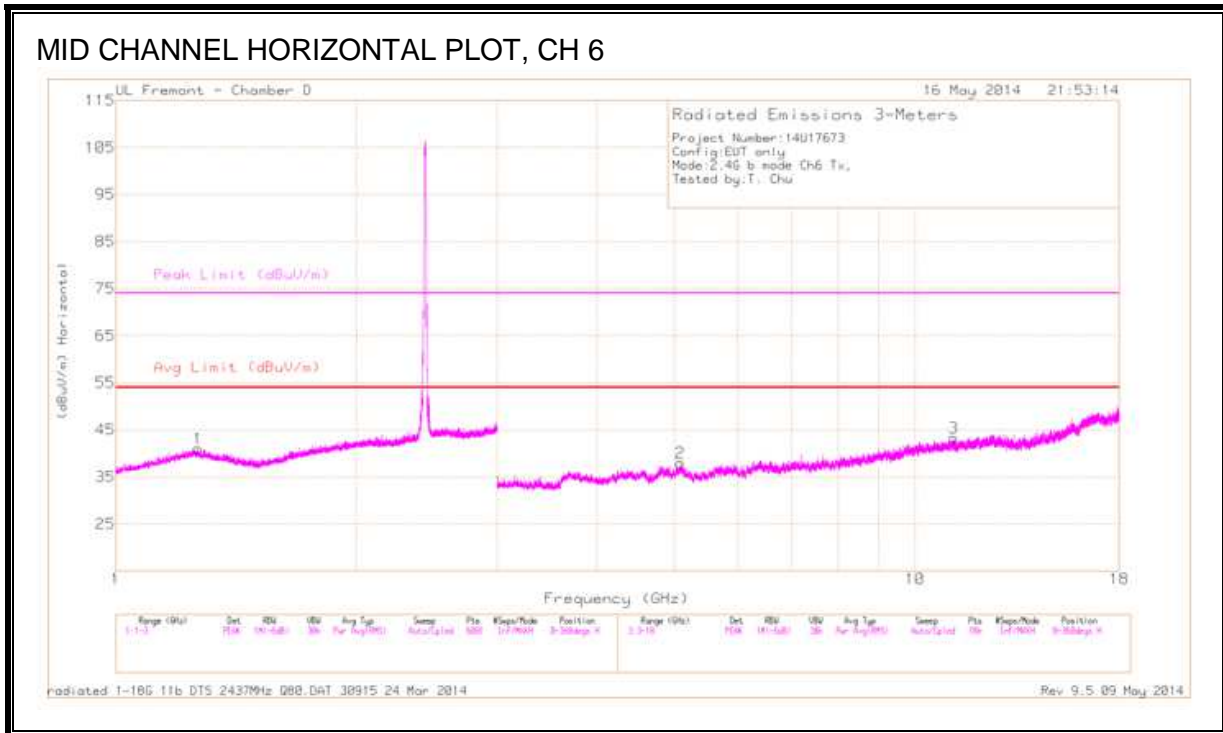
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

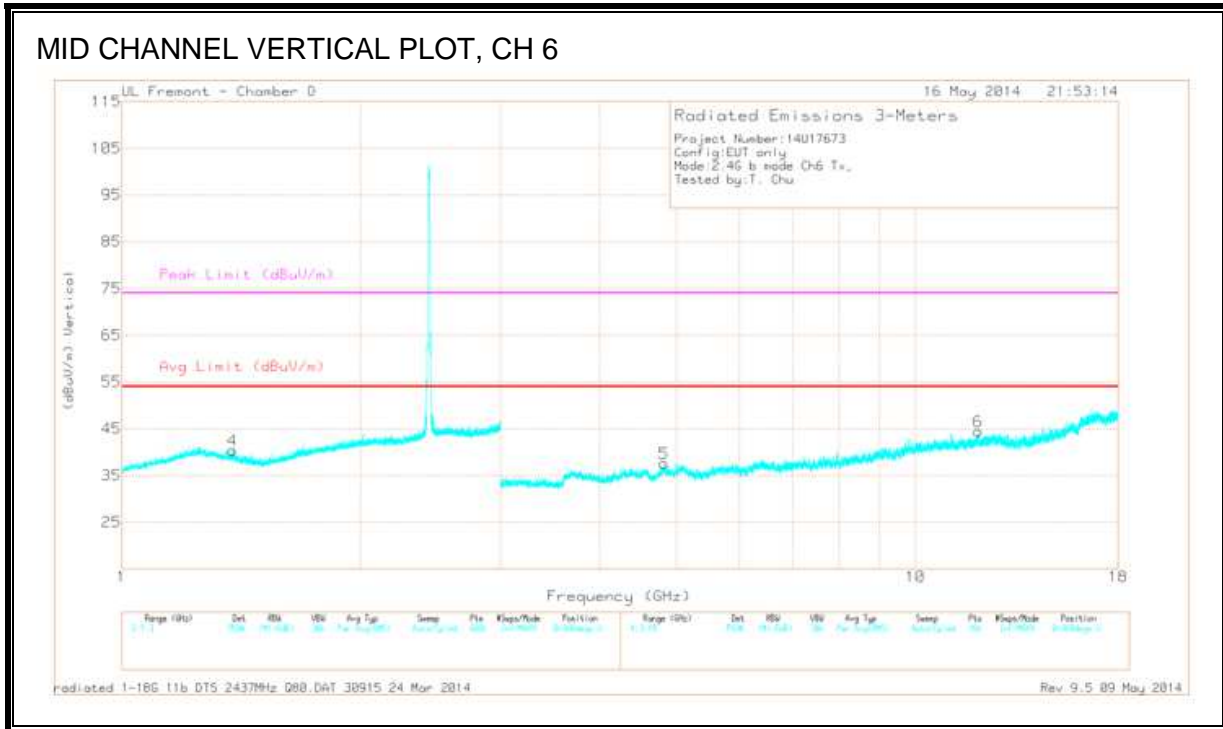
MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL HORIZONTAL PLOT, CH 6



MID CHANNEL VERTICAL PLOT, CH 6



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb l/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.268	41.87	PK2	29.4	-22.1	0	49.17	-	-	74	-24.83	317	200	H
	* 1.268	30.31	MAv1	29.4	-22.1	0	37.61	54	-16.39	-	-	317	200	H
2	* 5.087	37.82	PK2	33.6	-26	0	45.42	-	-	74	-28.58	317	200	H
	* 5.086	26.58	MAv1	33.6	-26	0	34.18	54	-19.82	-	-	317	200	H
3	* 11.17	34.29	PK2	37.5	-20.8	0	50.99	-	-	74	-23.01	317	200	H
	* 11.17	23.03	MAv1	37.5	-20.8	0	39.73	54	-14.27	-	-	317	200	H
4	* 1.378	41.32	PK2	28.2	-21.8	0	47.72	-	-	74	-26.28	317	200	V
	* 1.378	30.3	MAv1	28.2	-21.8	0	36.7	54	-17.3	-	-	317	200	V
5	* 4.823	38.31	PK2	33.5	-26.7	0	45.11	-	-	74	-28.89	317	200	V
	* 4.823	26.75	MAv1	33.5	-26.7	0	33.55	54	-20.45	-	-	317	200	V
6	* 11.988	35.05	PK2	38.2	-20.7	0	52.55	-	-	74	-21.45	317	200	V
	* 11.988	23.9	MAv1	38.2	-20.7	0	41.4	54	-12.6	-	-	317	200	V

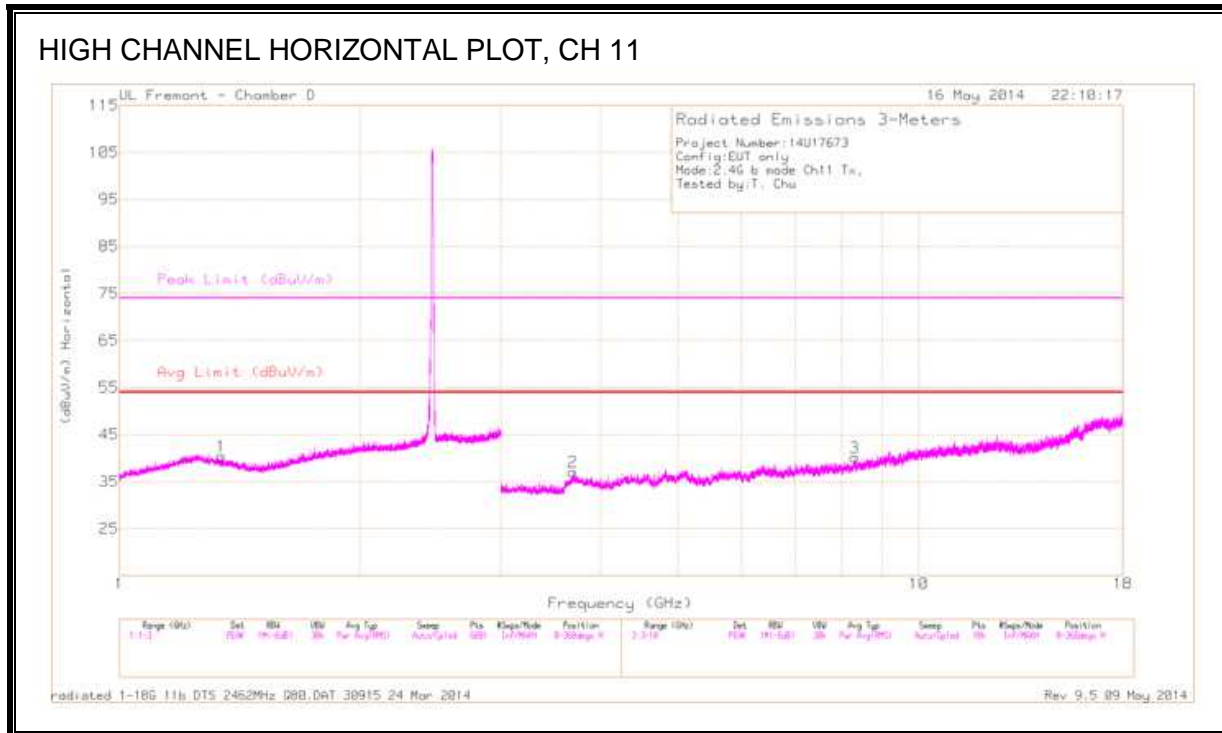
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

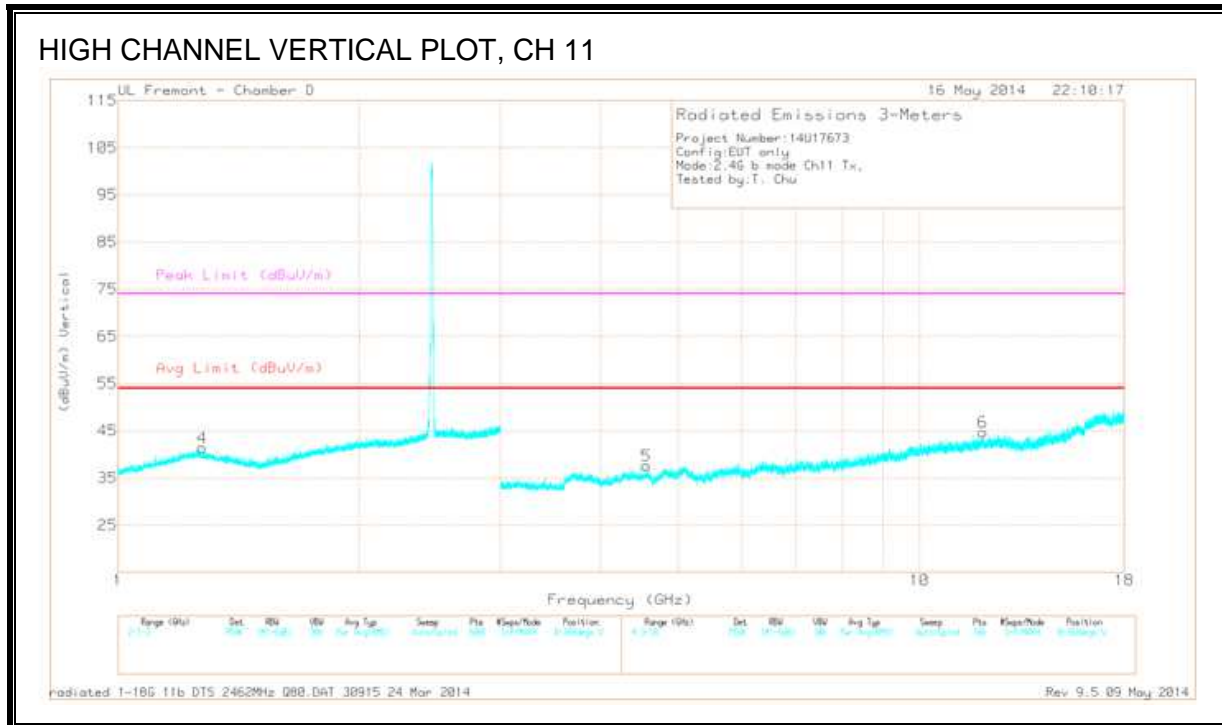
MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH11, 2462MHz HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL HORIZONTAL PLOT, CH 11



HIGH CHANNEL VERTICAL PLOT, CH 11



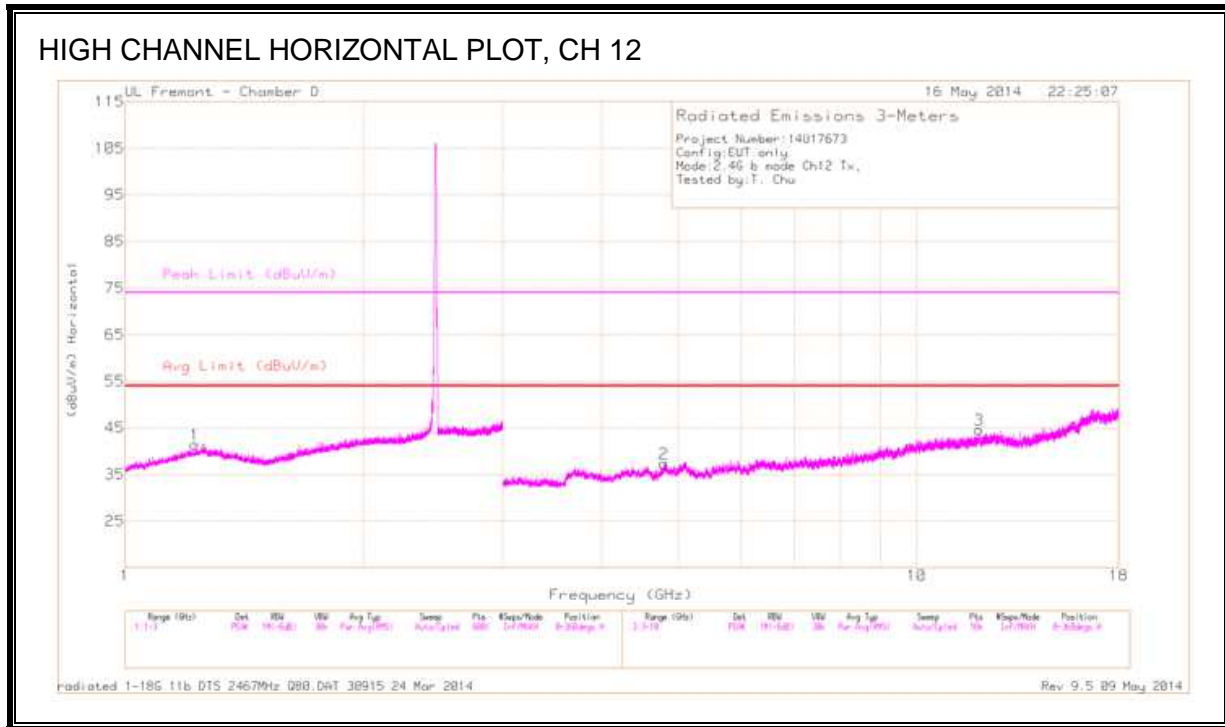
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.34	45.25	PK2	28.6	-22.1	0	51.75	-	-	74	-22.25	317	200	H
	* 1.34	30.63	MAv1	28.6	-22.1	0	37.13	54	-16.87	-	-	317	200	H
2	* 3.695	39.29	PK2	32.6	-27.9	0	43.99	-	-	74	-30.01	317	200	H
	* 3.697	27.52	MAv1	32.6	-27.9	0	32.22	54	-21.78	-	-	317	200	H
3	* 8.316	36.27	PK2	35.3	-23.6	0	47.97	-	-	74	-26.03	317	200	H
	* 8.317	24.77	MAv1	35.3	-23.6	0	36.47	54	-17.53	-	-	317	200	H
4	* 1.274	41.6	PK2	29.3	-22.2	0	48.7	-	-	74	-25.3	317	200	V
	* 1.273	30.29	MAv1	29.4	-22.2	0	37.49	54	-16.51	-	-	317	200	V
5	* 4.565	38.2	PK2	33.5	-26.4	0	45.3	-	-	74	-28.7	317	200	V
	* 4.566	26.86	MAv1	33.5	-26.4	0	33.96	54	-20.04	-	-	317	200	V
6	* 11.986	35.44	PK2	38.2	-20.7	0	52.94	-	-	74	-21.06	317	200	V
	* 11.987	23.77	MAv1	38.2	-20.7	0	41.27	54	-12.73	-	-	317	200	V

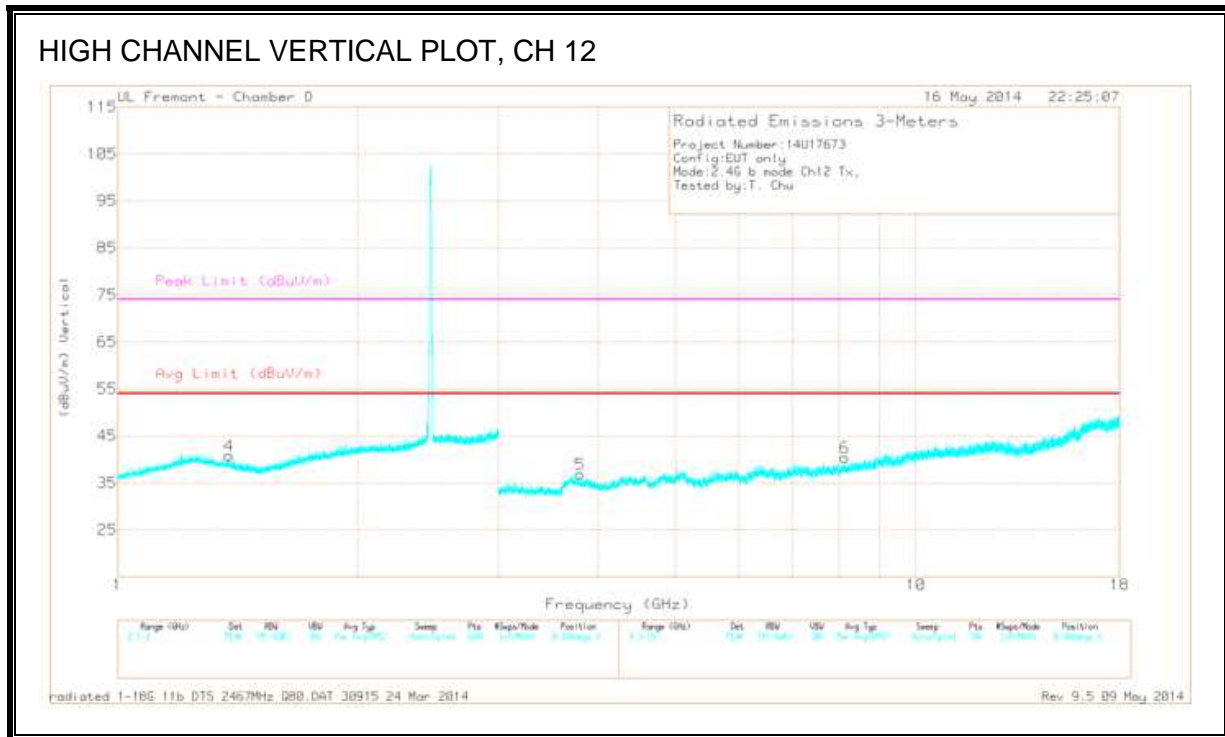
PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH12, 2467MHz, HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL HORIZONTAL PLOT, CH 12



HIGH CHANNEL VERTICAL PLOT, CH 12



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/C bl/Filtr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.225	41.72	PK2	29.2	-22	0	48.92	-	-	74	-25.08	317	200	H
	* 1.223	30.45	MAv1	29.2	-22	0	37.65	54	-16.35	-	-	317	200	H
2	* 4.8	38.88	PK2	33.5	-27.1	0	45.28	-	-	74	-28.72	317	200	H
	* 4.8	26.76	MAv1	33.5	-27.1	0	33.16	54	-20.84	-	-	317	200	H
3	* 11.995	35.12	PK2	38.2	-20.7	0	52.62	-	-	74	-21.38	317	200	H
	* 11.994	23.67	MAv1	38.2	-20.7	0	41.17	54	-12.83	-	-	317	200	H
4	* 1.381	42.38	PK2	28.2	-21.8	0	48.78	-	-	74	-25.22	317	200	V
	* 1.38	30.28	MAv1	28.2	-21.8	0	36.68	54	-17.32	-	-	317	200	V
5	* 3.794	39.35	PK2	32.7	-28.7	0	43.35	-	-	74	-30.65	317	200	V
	* 3.794	28.13	MAv1	32.7	-28.7	0	32.13	54	-21.87	-	-	317	200	V
6	* 8.147	36.23	PK2	35.3	-23.6	0	47.93	-	-	74	-26.07	317	200	V
	* 8.147	24.87	MAv1	35.3	-23.6	0	36.57	54	-17.43	-	-	317	200	V

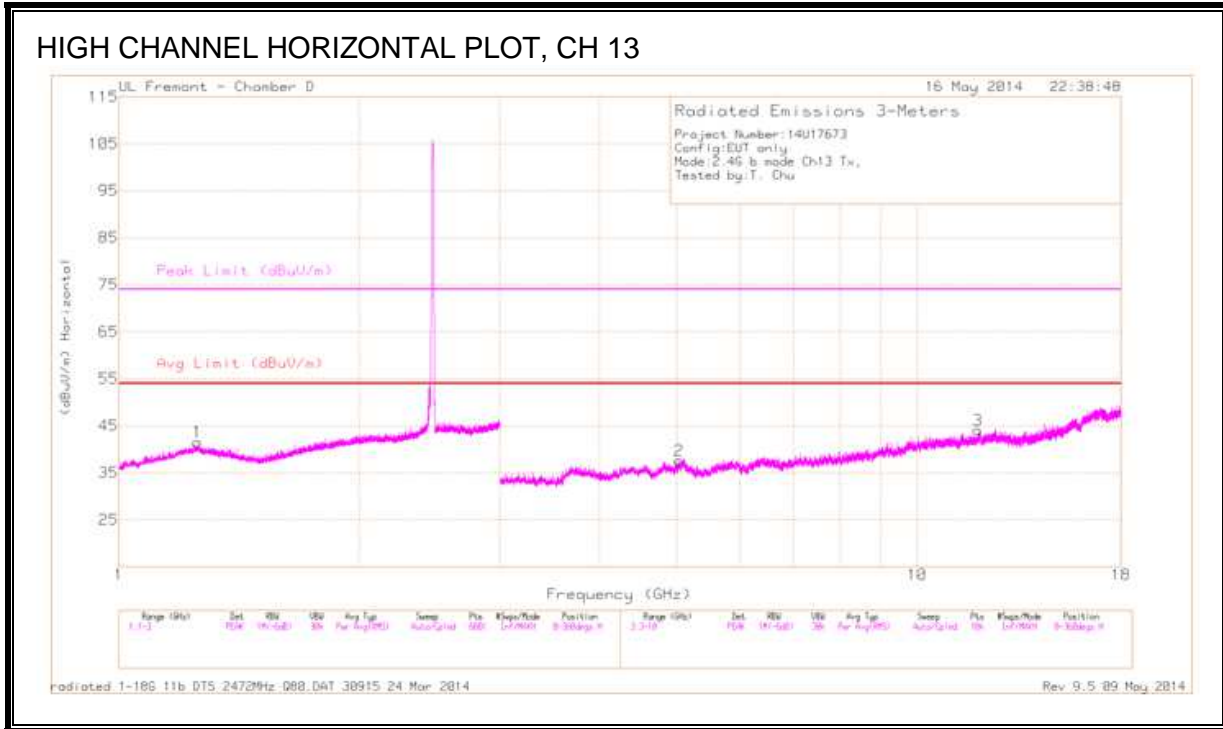
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

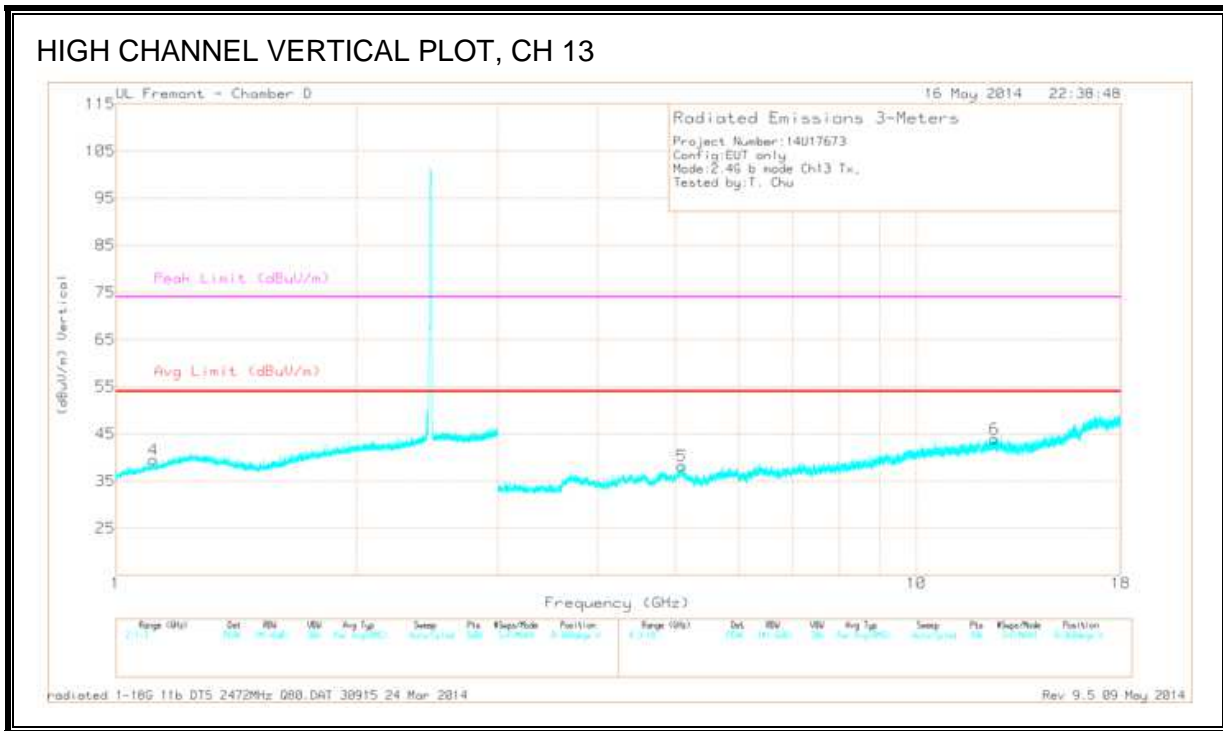
MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH13, 2472MHZ, HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL HORIZONTAL PLOT, CH 13



HIGH CHANNEL VERTICAL PLOT, CH 13



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/C bl/Filtr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.254	41.97	PK2	29.6	-22.1	0	49.47	-	-	74	-24.53	317	200	H
	* 1.255	30.34	MAv1	29.5	-22.1	0	37.74	54	-16.26	-	-	317	200	H
2	* 5.033	38.63	PK2	33.5	-27.2	0	44.93	-	-	74	-29.07	317	200	H
	* 5.034	27.4	MAv1	33.5	-27.2	0	33.7	54	-20.3	-	-	317	200	H
3	* 11.916	34.66	PK2	38.1	-20.9	0	51.86	-	-	74	-22.14	317	200	H
	* 11.917	23.25	MAv1	38.1	-20.9	0	40.45	54	-13.55	-	-	317	200	H
4	* 1.115	41.78	PK2	27.7	-22.1	0	47.38	-	-	74	-26.62	317	200	V
	* 1.115	30.29	MAv1	27.7	-22.1	0	35.89	54	-18.11	-	-	317	200	V
5	* 5.095	38.77	PK2	33.6	-26	0	46.37	-	-	74	-27.63	317	200	V
	* 5.095	26.89	MAv1	33.6	-26	0	34.49	54	-19.51	-	-	317	200	V
6	* 12.528	35.14	PK2	38.5	-20.8	0	52.84	-	-	74	-21.16	317	200	V
	* 12.528	23.79	MAv1	38.5	-20.8	0	41.49	54	-12.51	-	-	317	200	V

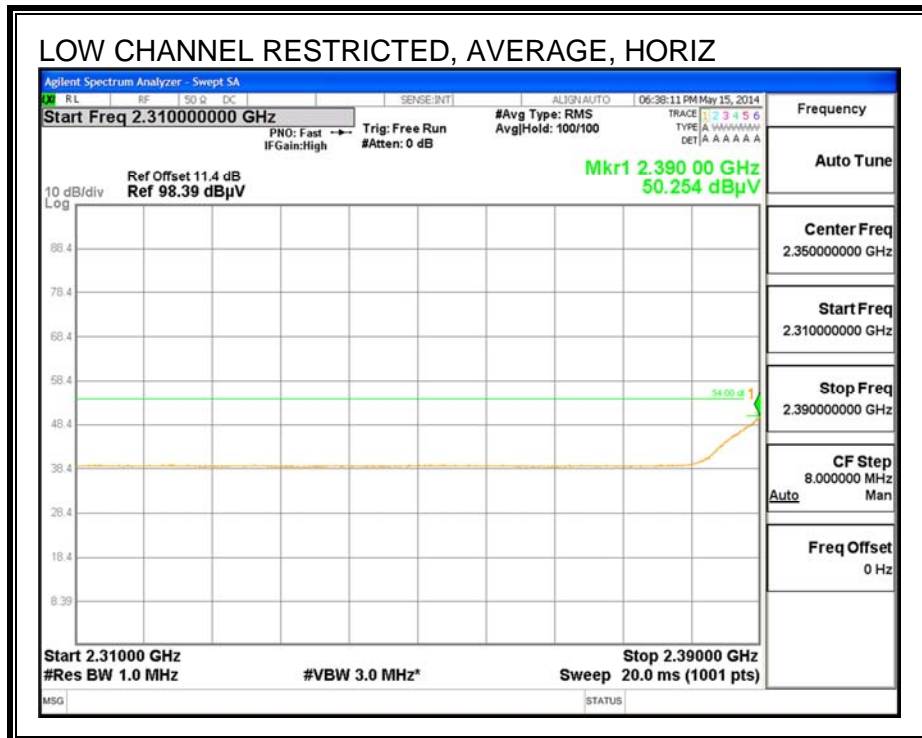
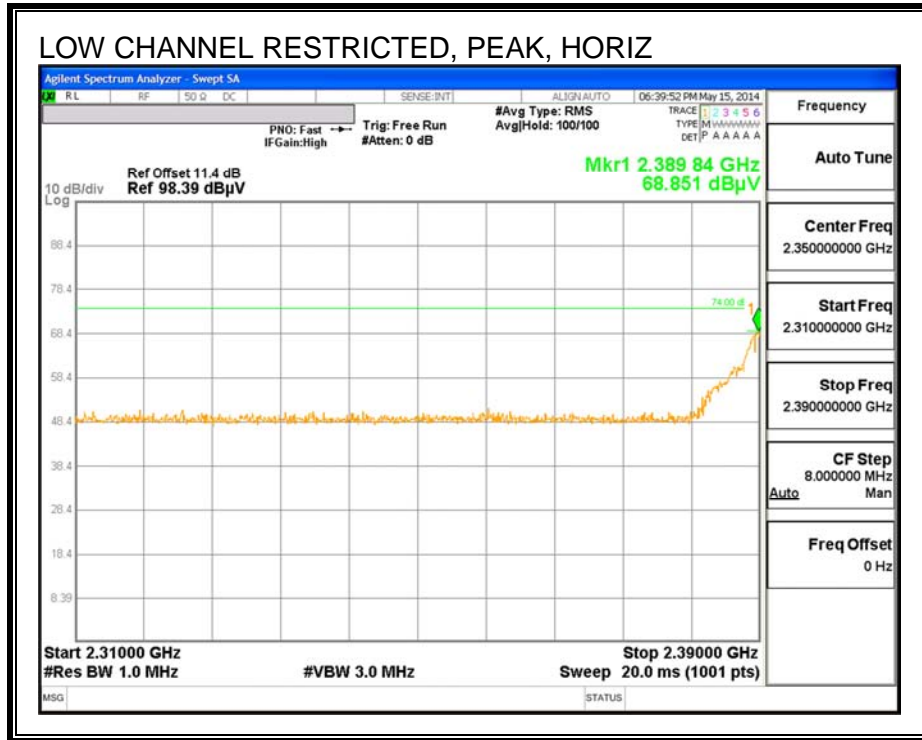
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

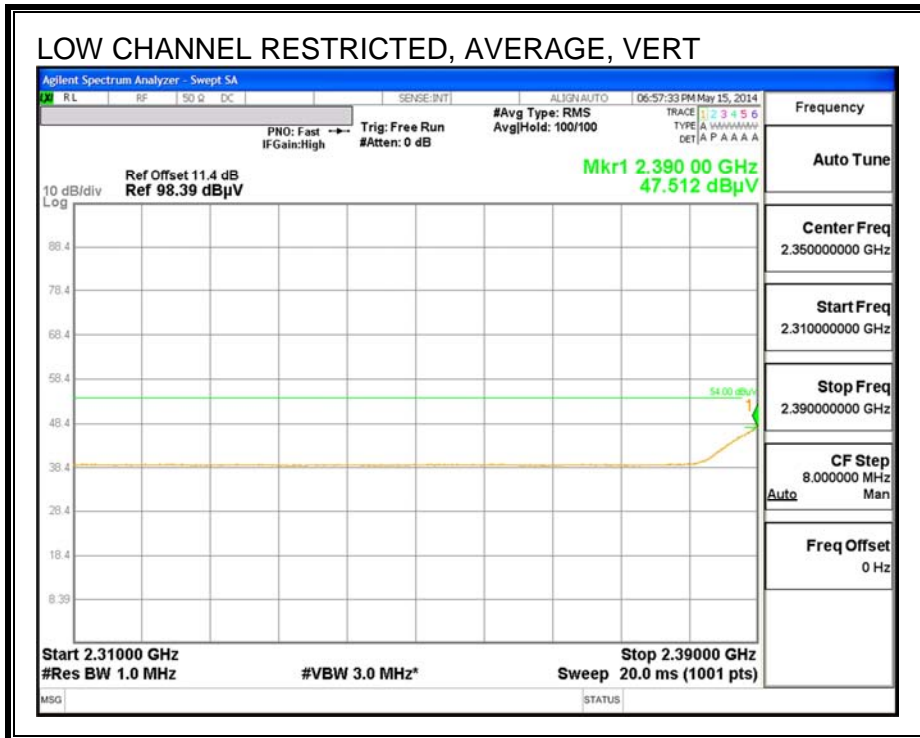
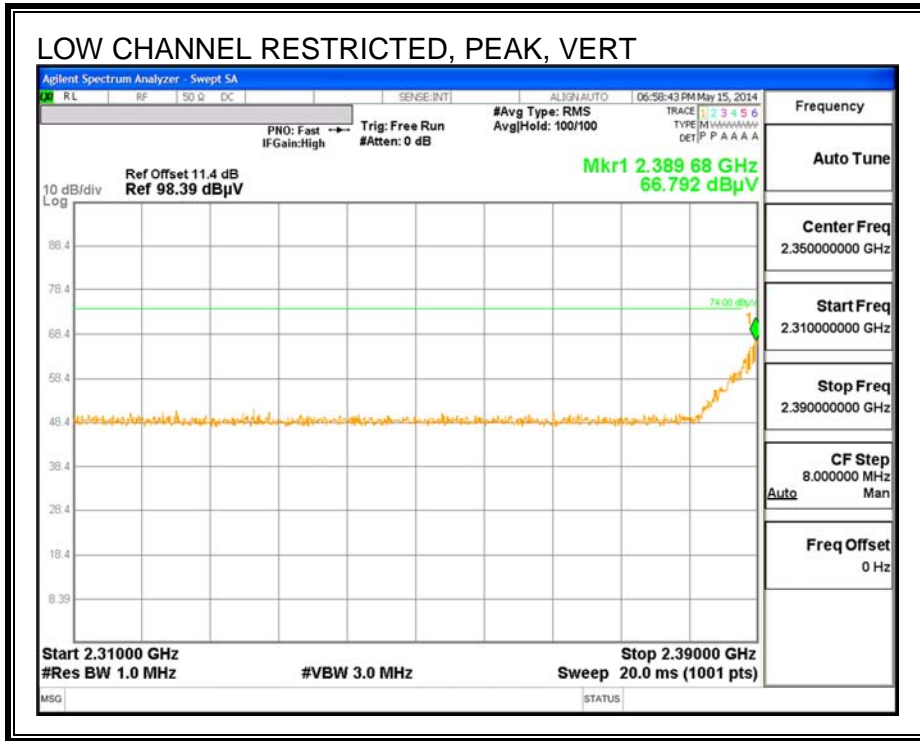
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

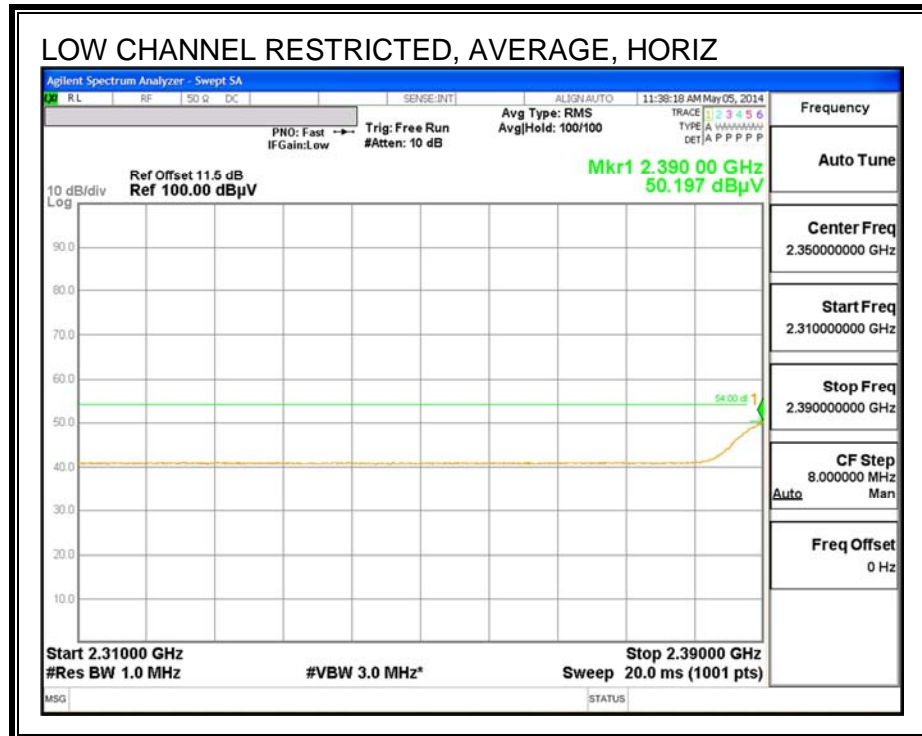
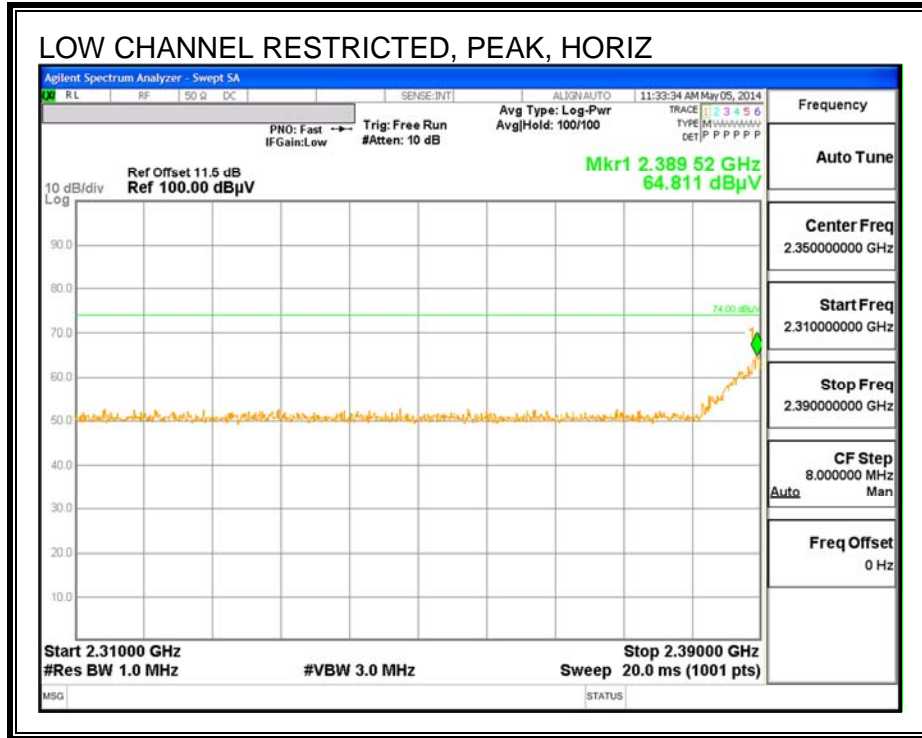
10.2.2. 802.11g 1Tx SISO MODE IN THE 2.4 GHz BAND

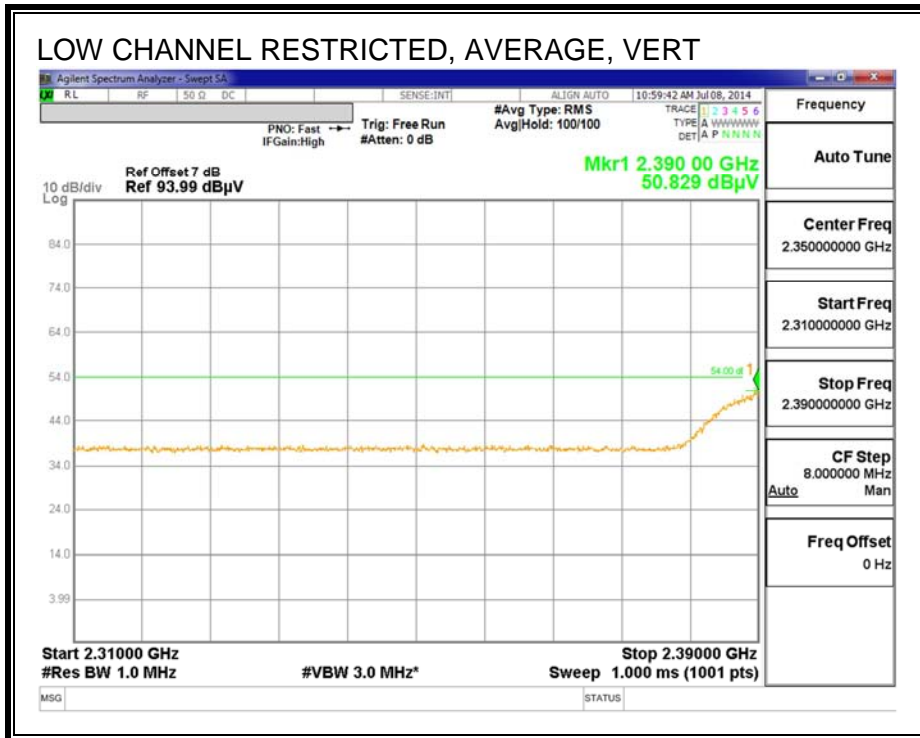
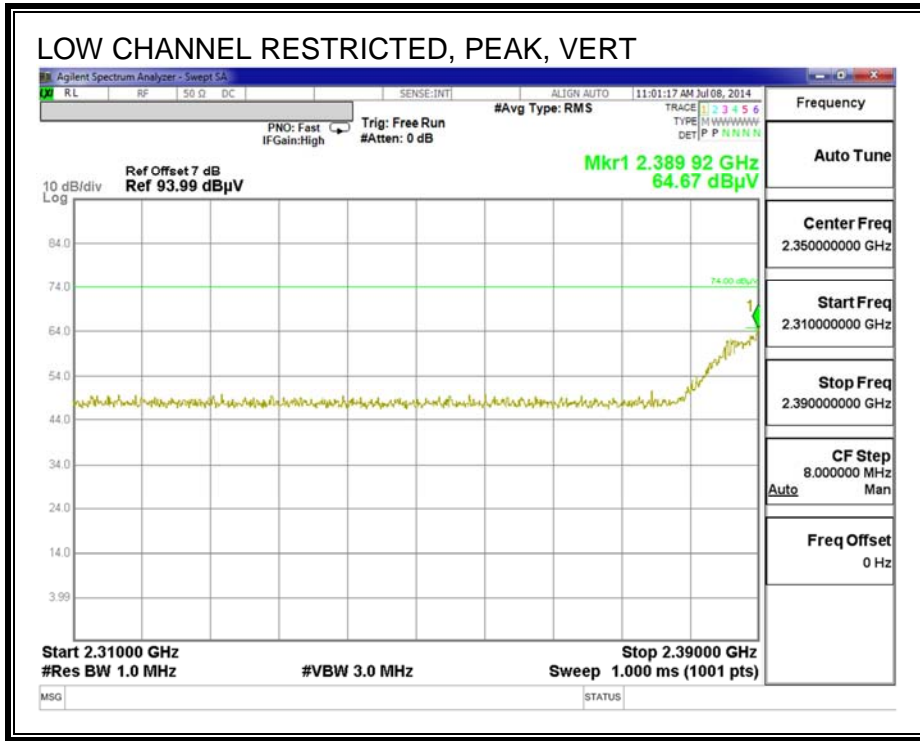
RESTRICTED BANDEDGE (LOW CHANNEL, CHANNEL 1)



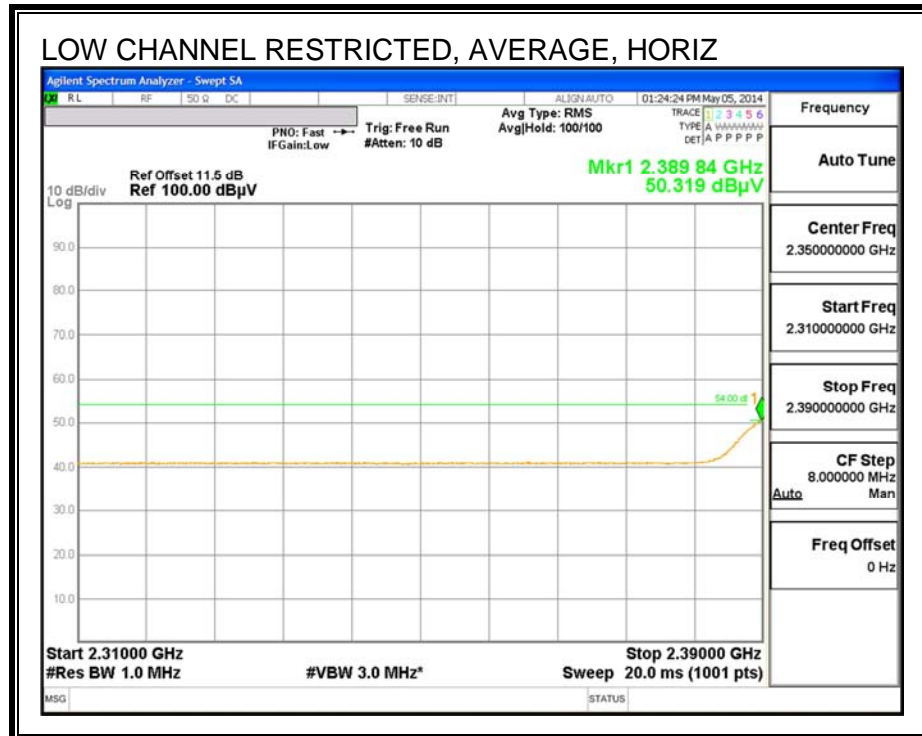
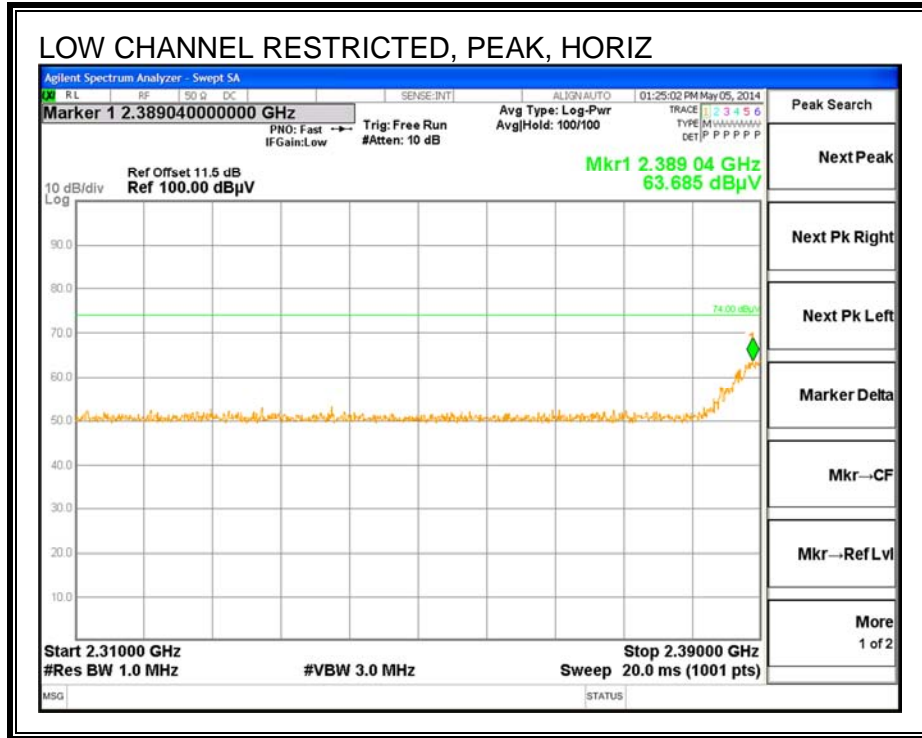


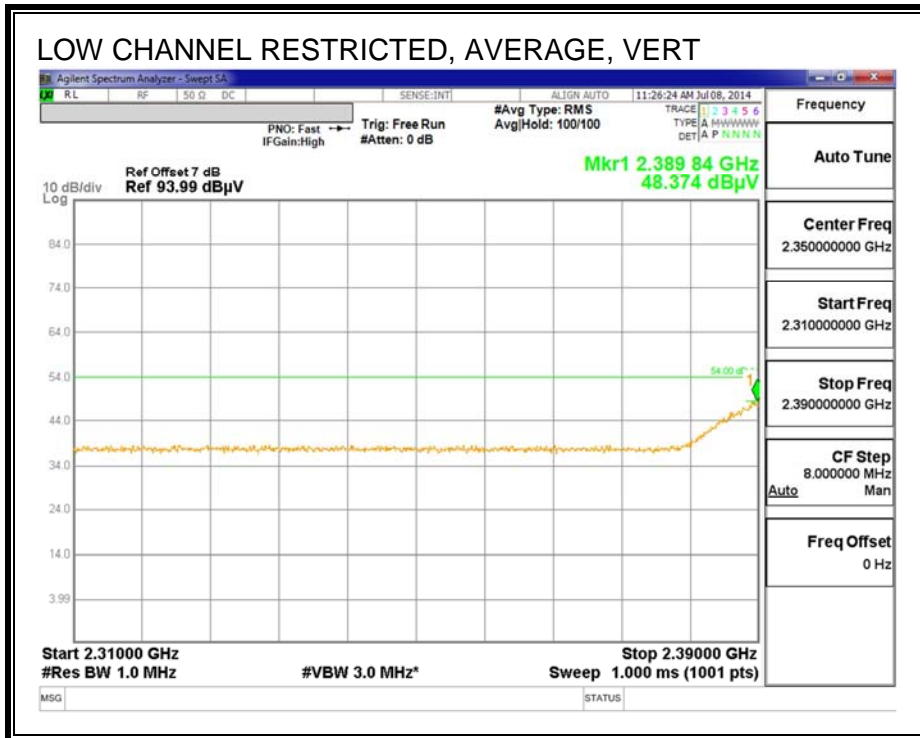
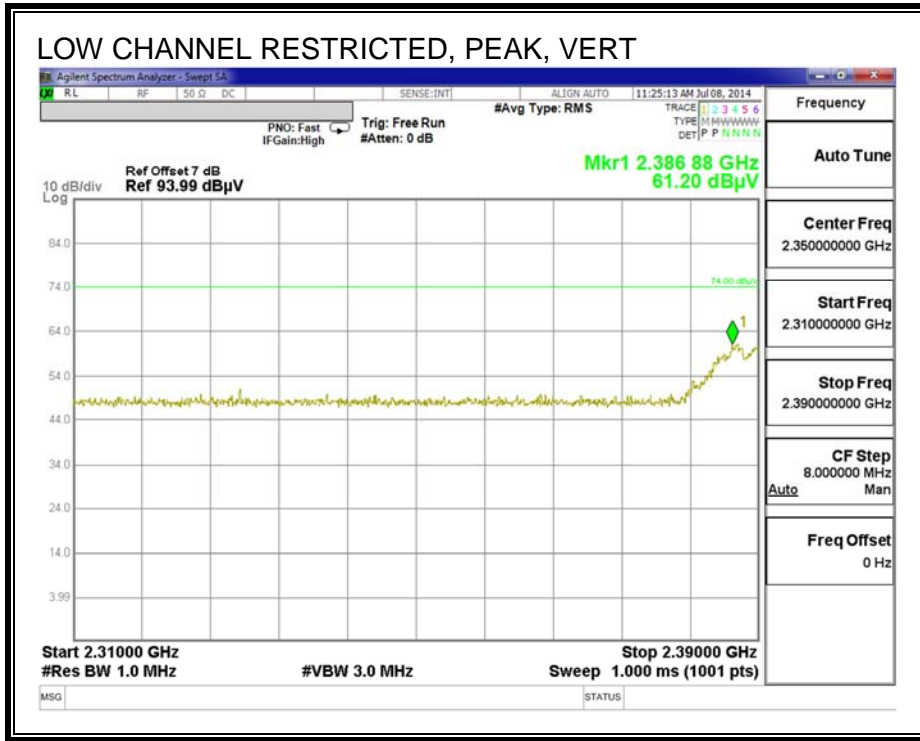
RESTRICTED BANDEDGE (LOW CHANNEL, CHANNEL 2)



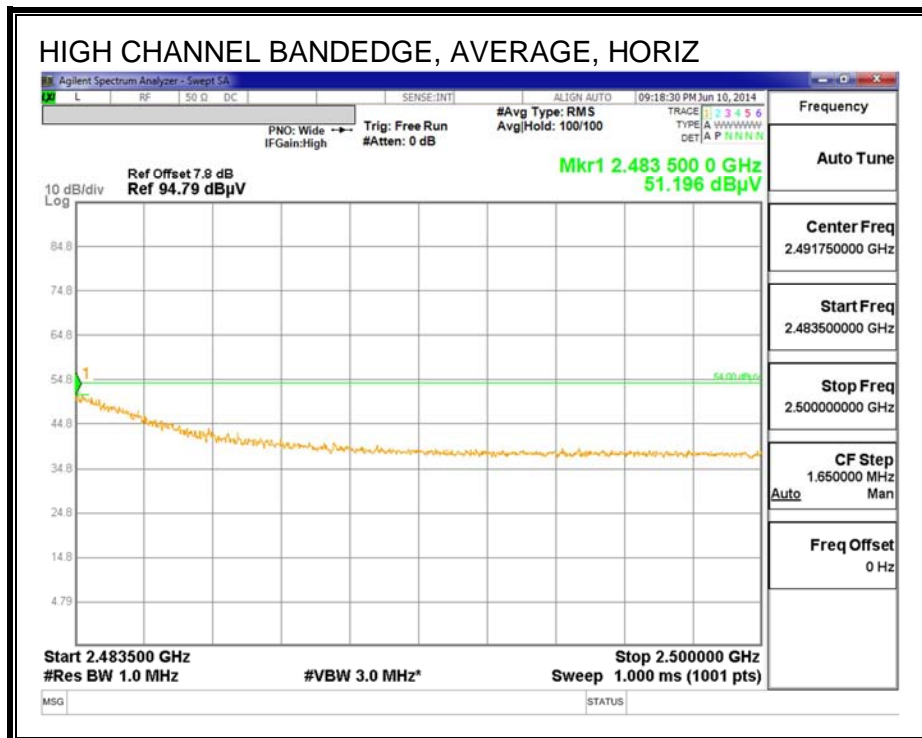
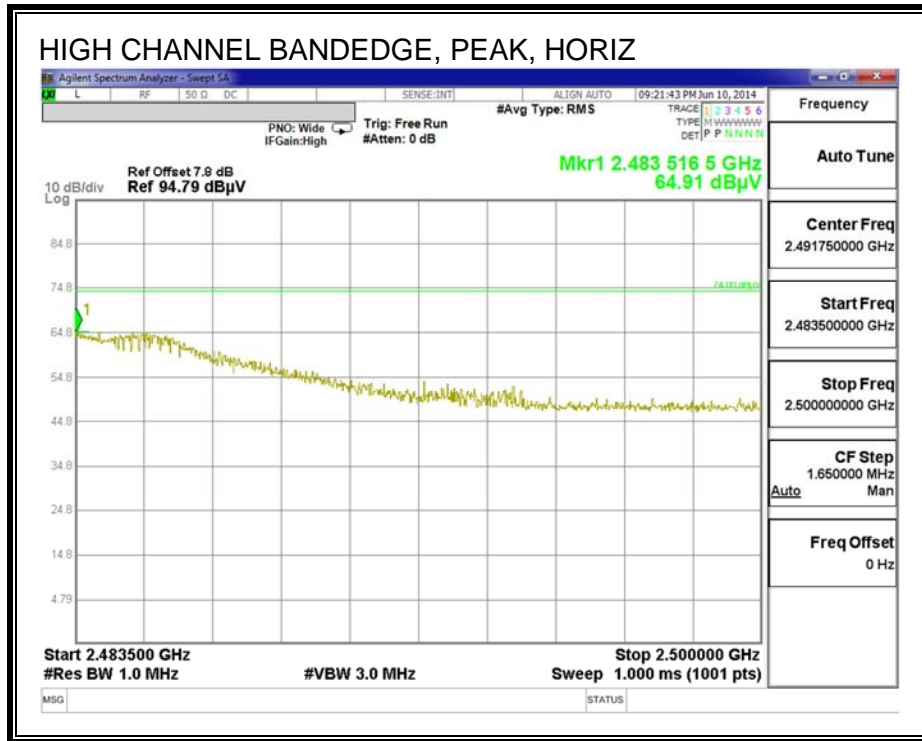


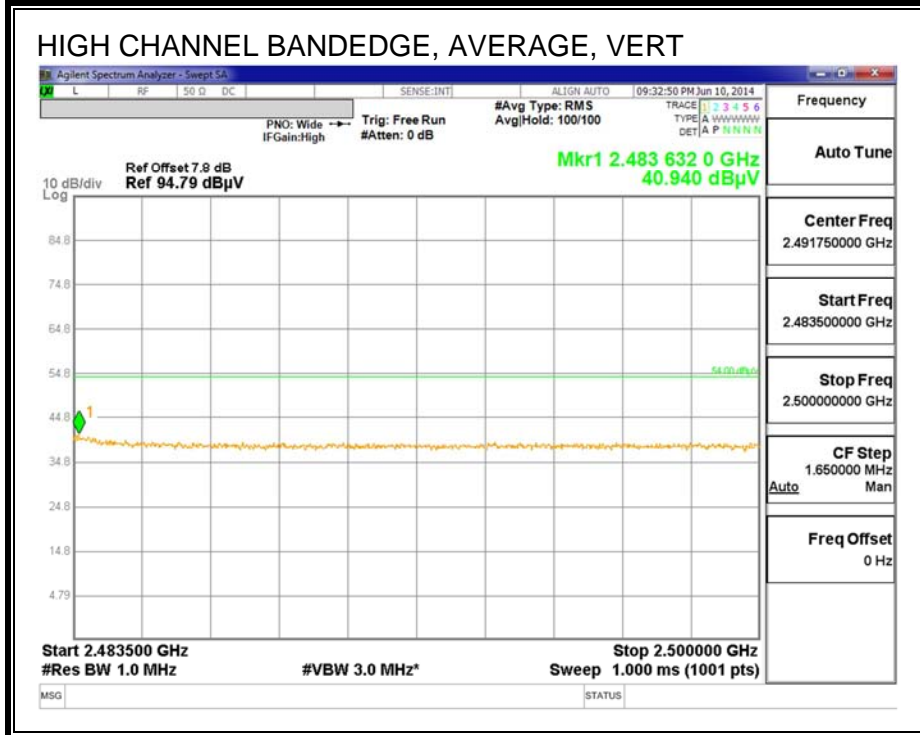
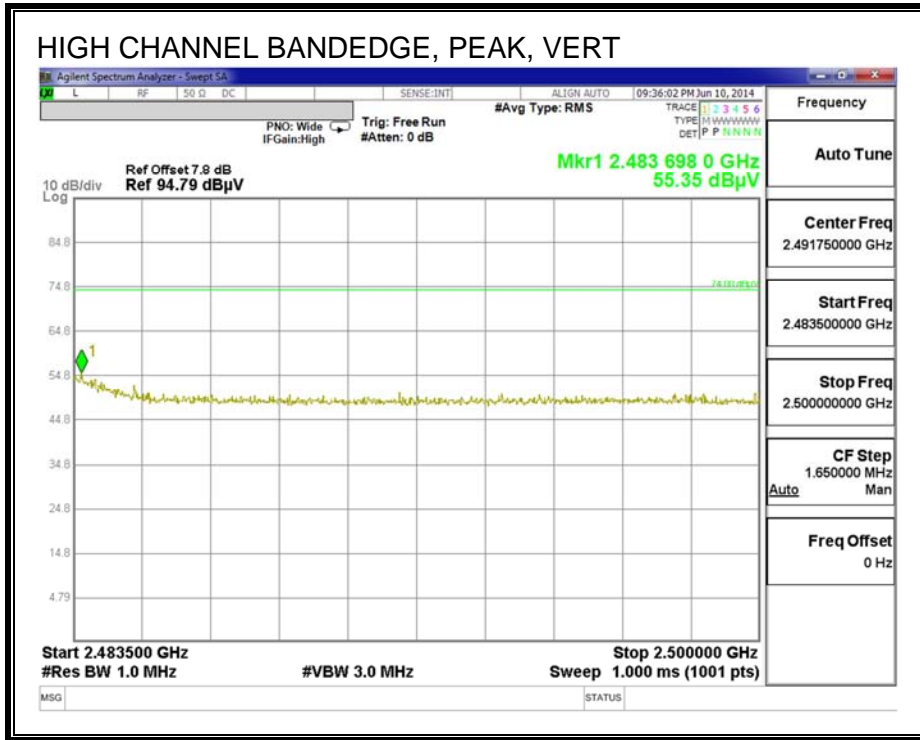
RESTRICTED BANDEDGE (LOW CHANNEL, CHANNEL3)



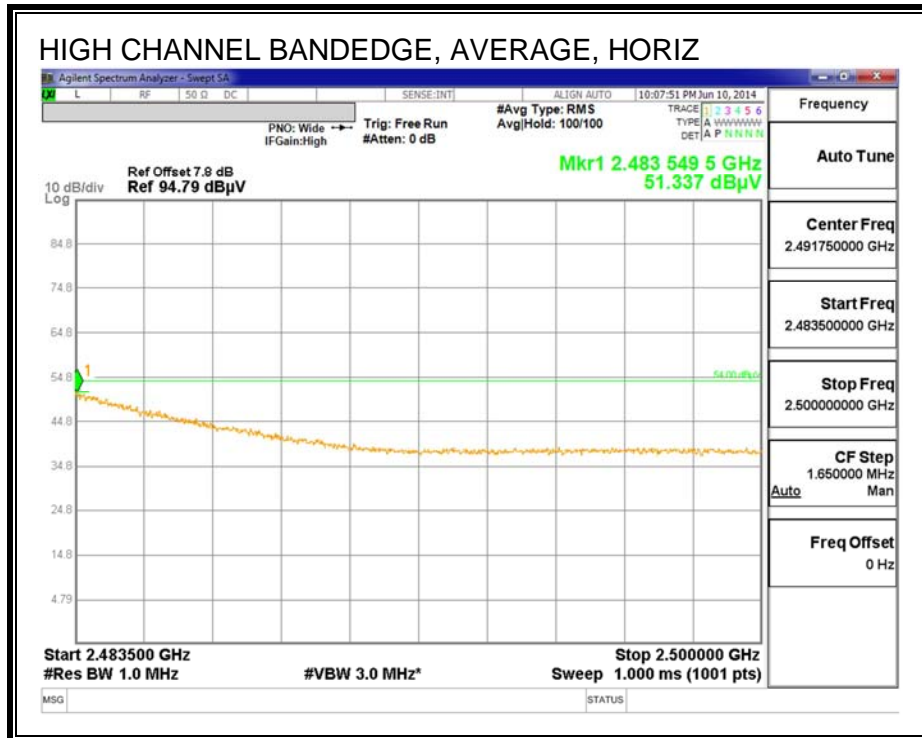
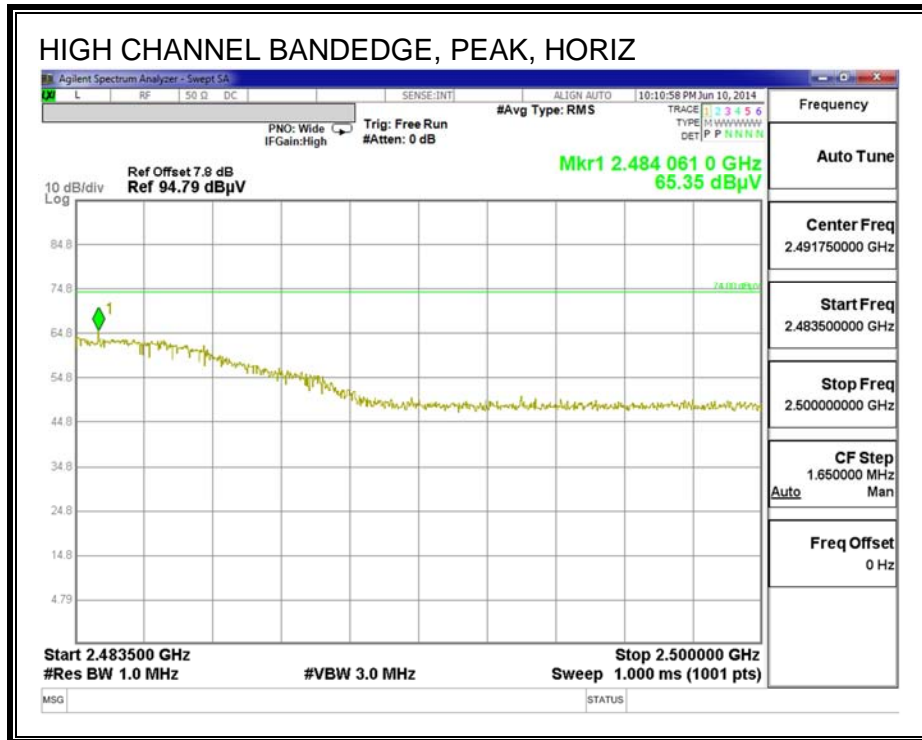


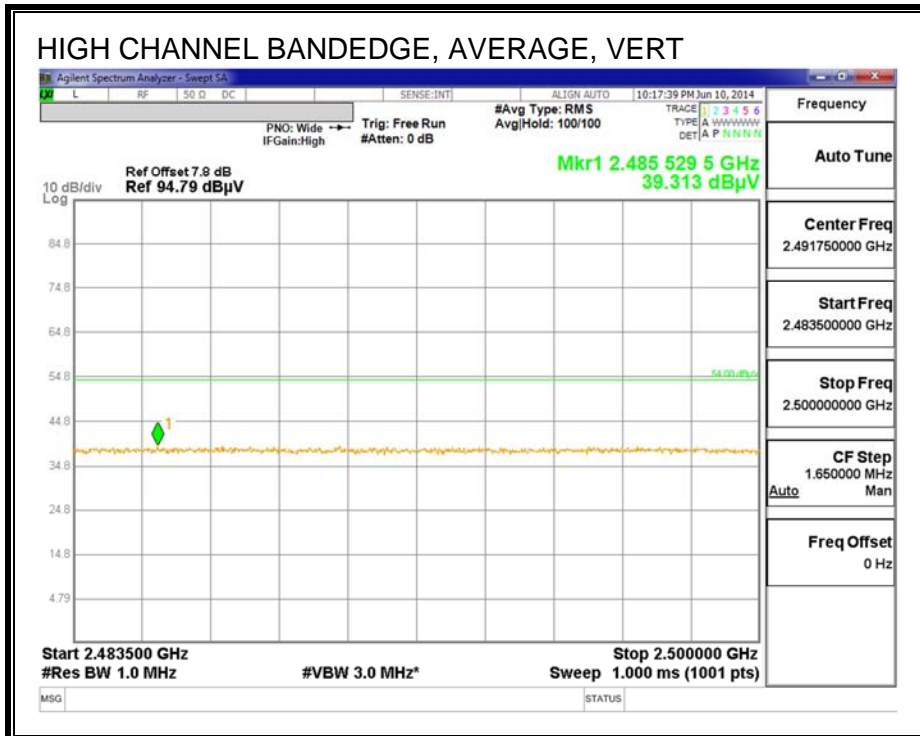
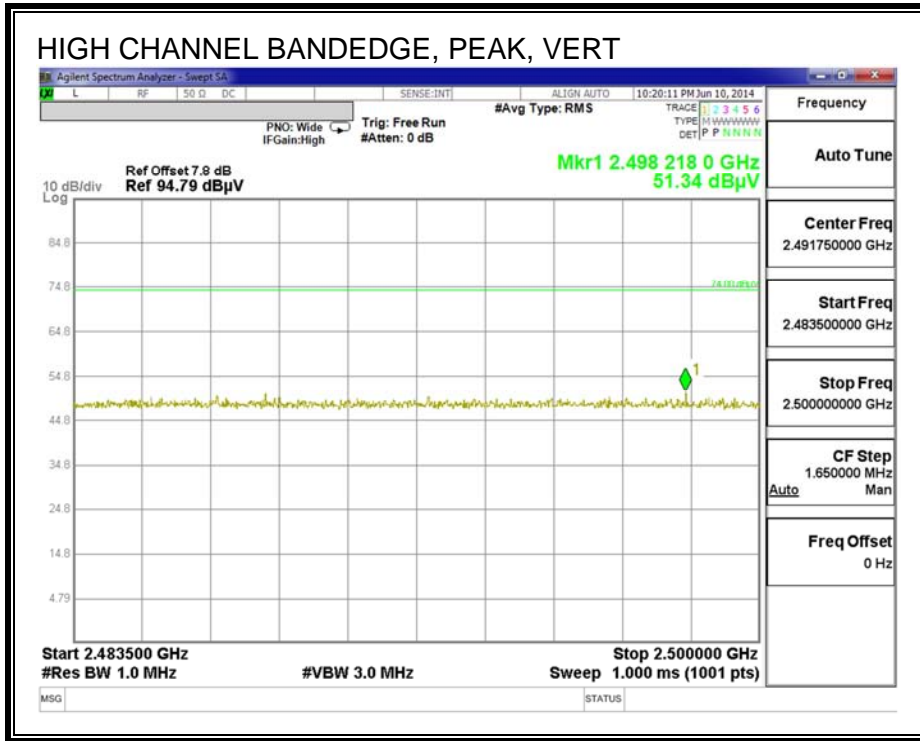
RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 11)



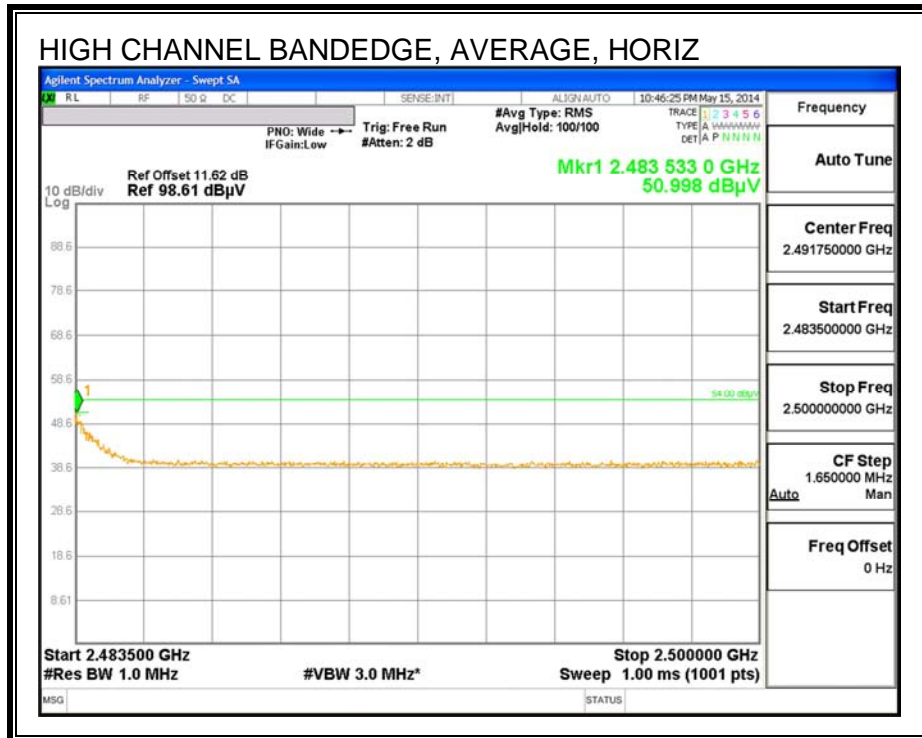
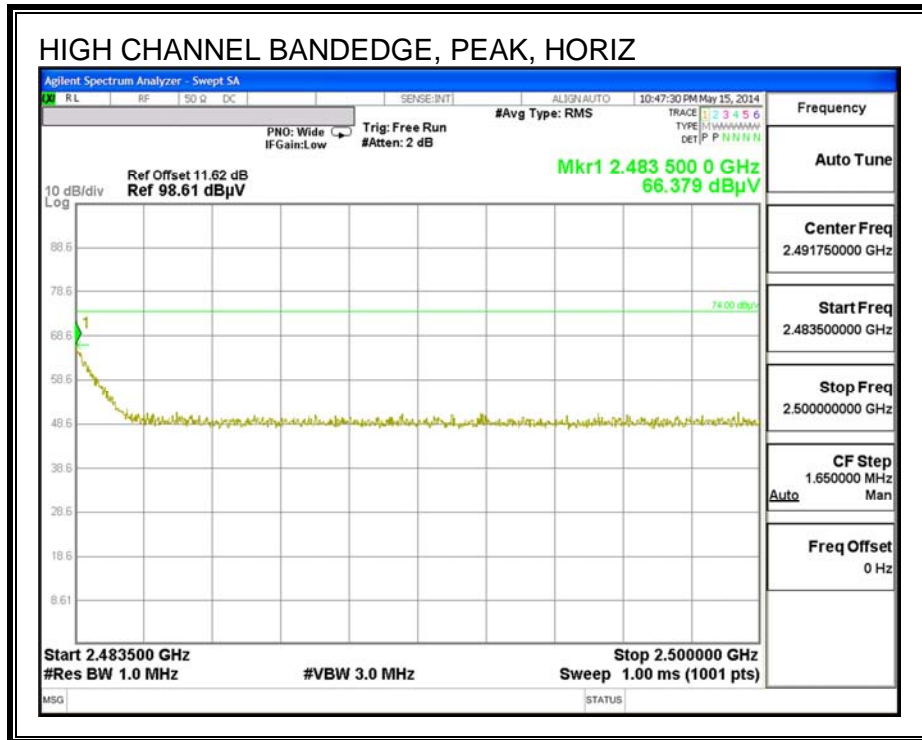


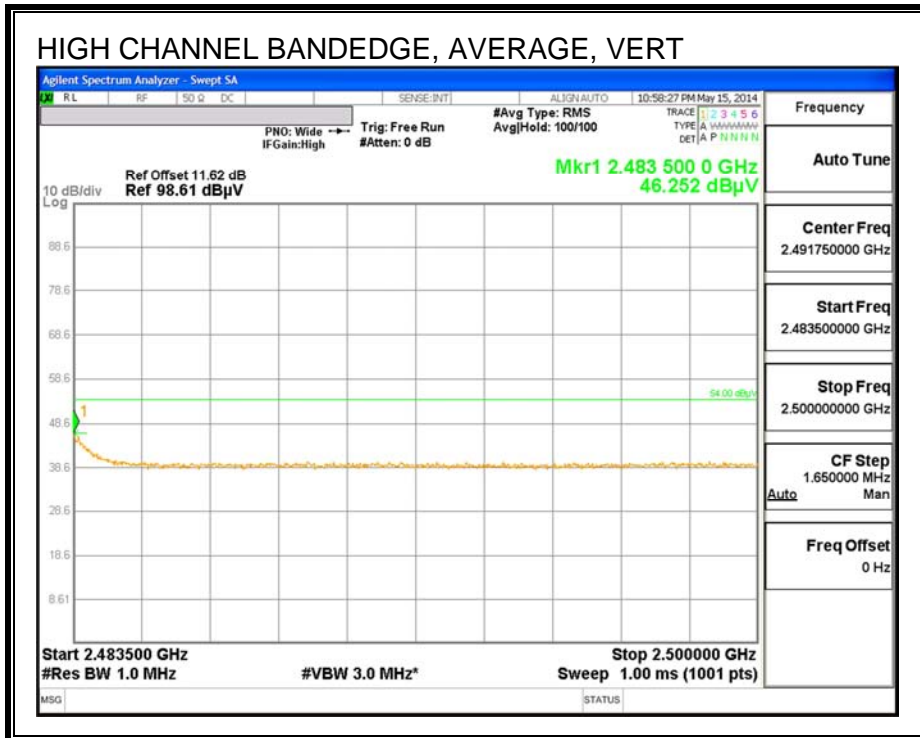
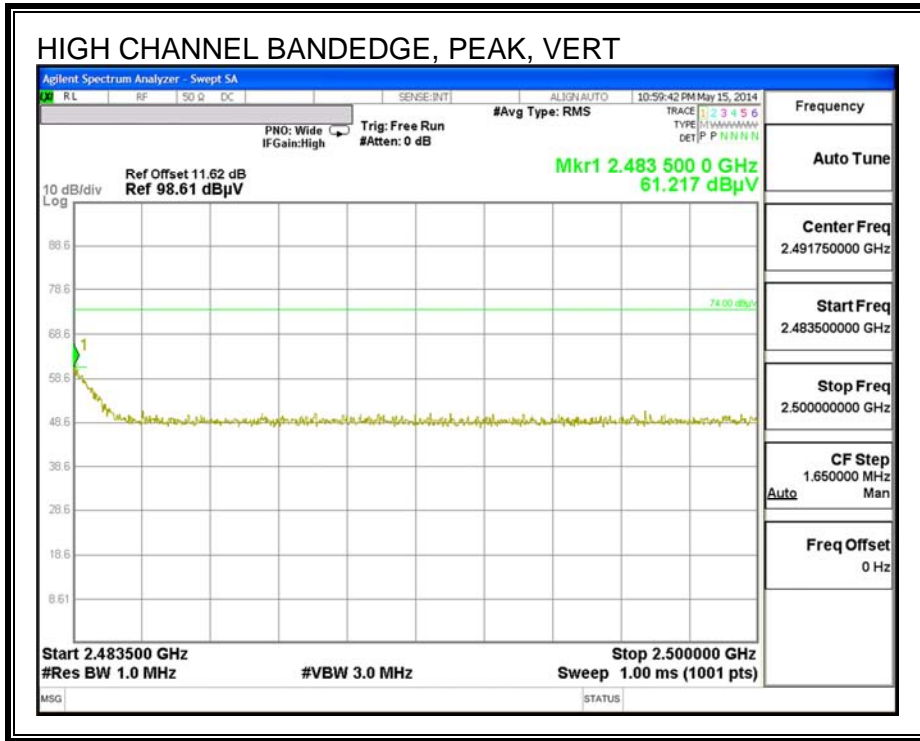
RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 12)





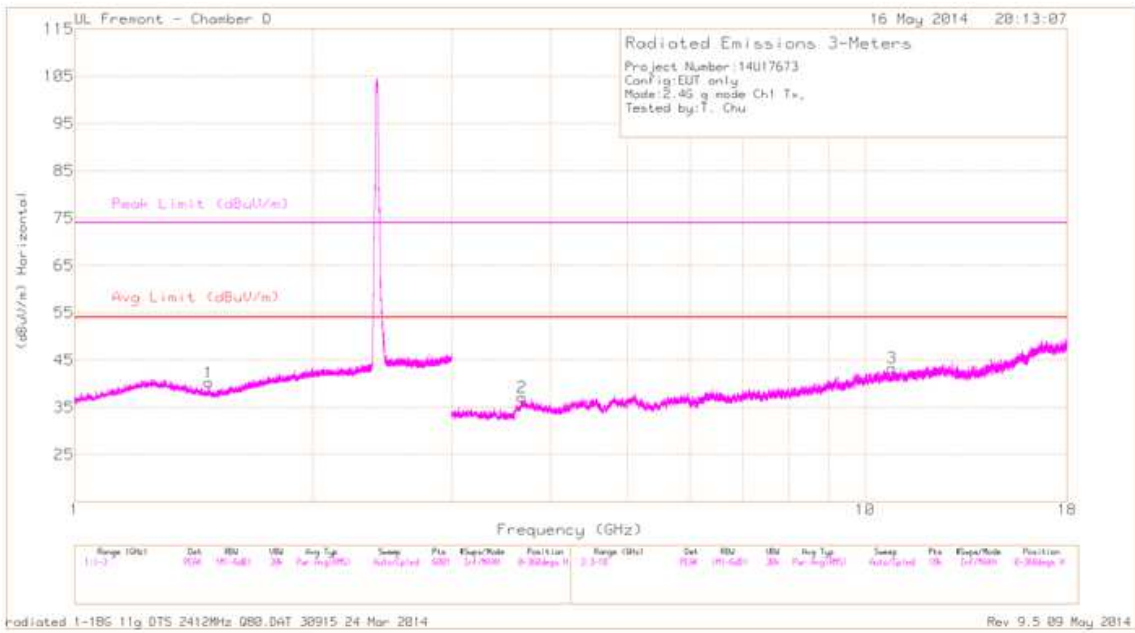
RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 13)



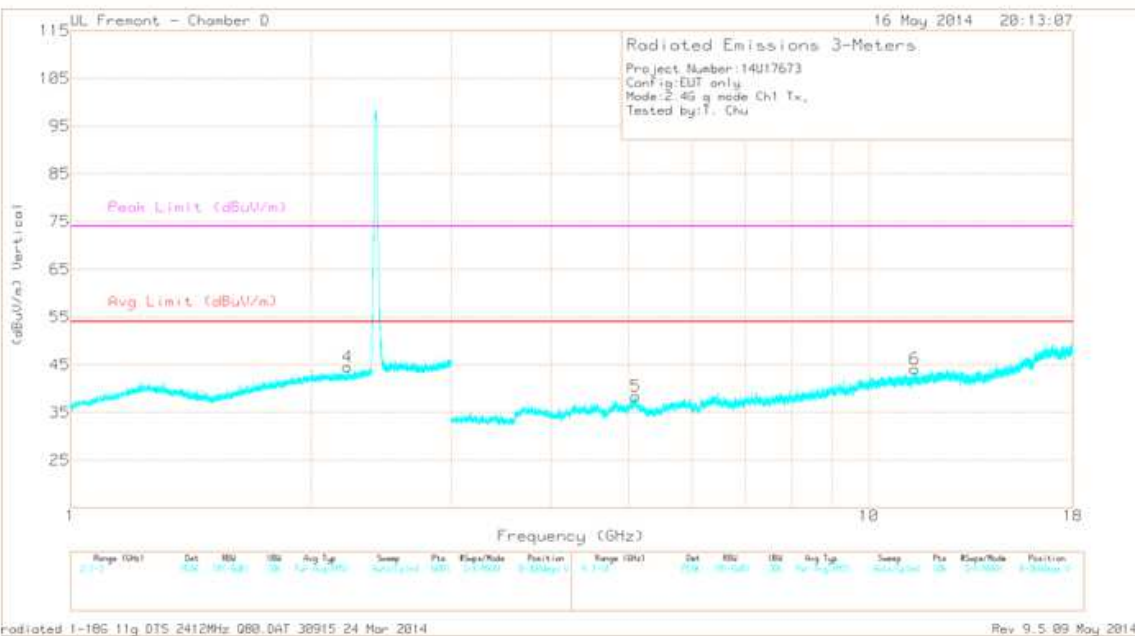


LOW CHANNEL 2412MHZ, HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT, CH 1



LOW CHANNEL VERTICAL PLOT, CH 1



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/C bl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.478	41.96	PK2	27.1	-21.5	0	47.56	-	-	74	-26.44	317	200	H
	* 1.479	30.18	MAv1	27.1	-21.5	.1	35.88	54	-18.12	-	-	317	200	H
2	* 3.68	39.02	PK2	32.6	-28	0	43.62	-	-	74	-30.38	317	200	H
	* 3.681	27.57	MAv1	32.6	-28	.1	32.27	54	-21.73	-	-	317	200	H
3	* 10.808	34.63	PK2	37.3	-21.1	0	50.83	-	-	74	-23.17	317	200	H
	* 10.806	23.22	MAv1	37.3	-21.1	.1	39.52	54	-14.48	-	-	317	200	H
4	* 2.225	41.54	PK2	30.6	-20.9	0	51.24	-	-	74	-22.76	317	200	V
	* 2.224	30.08	MAv1	30.6	-20.9	.1	39.88	54	-14.12	-	-	317	200	V
5	* 5.103	38.32	PK2	33.6	-26.1	0	45.82	-	-	74	-28.18	317	200	V
	* 5.104	26.82	MAv1	33.6	-26.1	.1	34.42	54	-19.58	-	-	317	200	V
6	* 11.418	34.56	PK2	37.6	-20.8	0	51.36	-	-	74	-22.64	317	200	V
	* 11.417	23.59	MAv1	37.6	-20.8	.1	40.49	54	-13.51	-	-	317	200	V

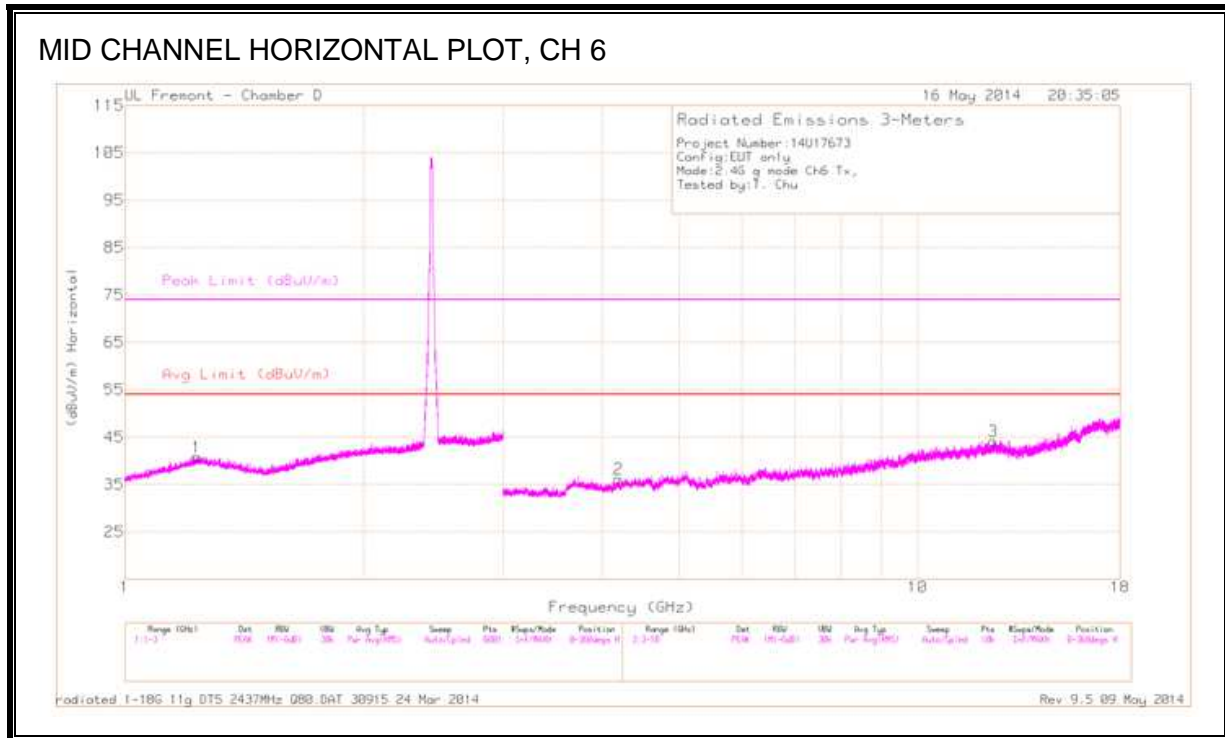
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

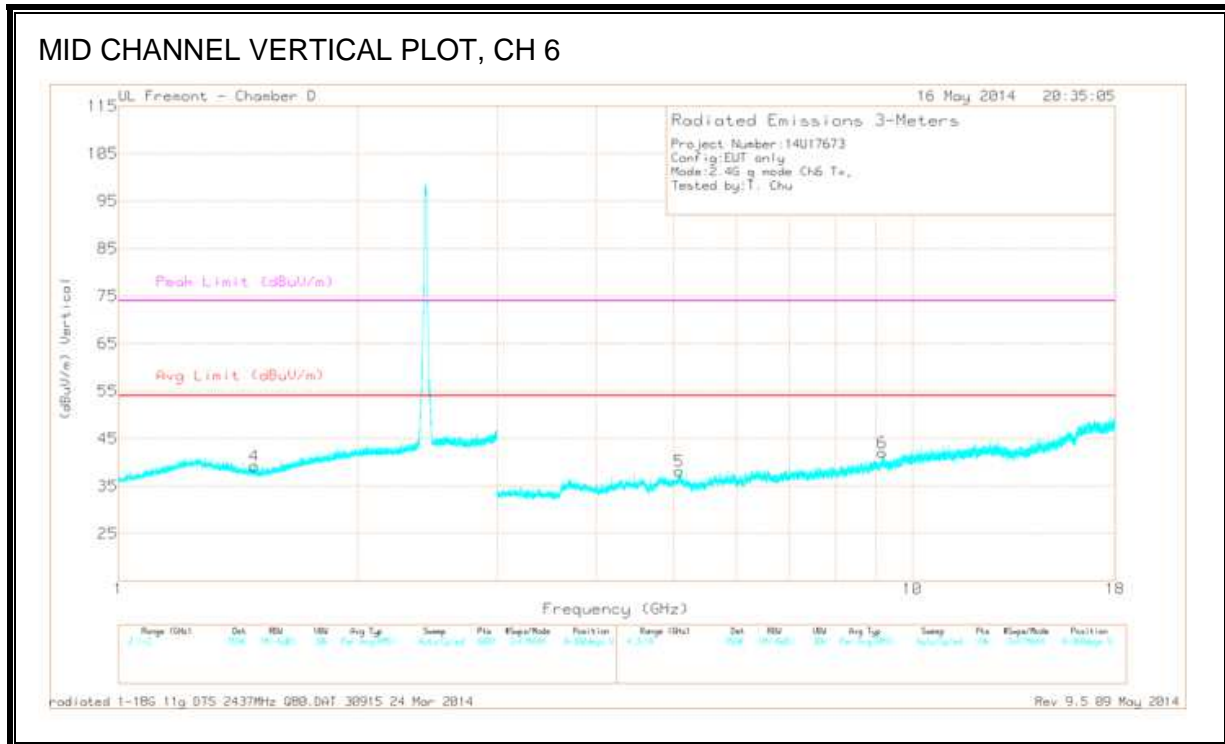
MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, 2437MHz HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL HORIZONTAL PLOT, CH 6



MID CHANNEL VERTICAL PLOT, CH 6



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/C b/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.232	41.73	PK2	29.3	-22	0	49.03	-	-	74	-24.97	317	200	H
	* 1.233	30.24	MAv1	29.4	-22	.1	37.74	54	-16.26	-	-	317	200	H
2	* 4.194	39.21	PK2	32.9	-28.4	0	43.71	-	-	74	-30.29	317	200	H
	* 4.196	27.82	MAv1	32.9	-28.4	.1	32.42	54	-21.58	-	-	317	200	H
3	* 12.447	35.61	PK2	38.5	-21.7	0	52.41	-	-	74	-21.59	317	200	H
	* 12.447	23.92	MAv1	38.5	-21.7	.1	40.82	54	-13.18	-	-	317	200	H
4	* 1.485	41.72	PK2	27.1	-21.6	0	47.22	-	-	74	-26.78	317	200	V
	* 1.484	30.13	MAv1	27.1	-21.6	.1	35.73	54	-18.27	-	-	317	200	V
5	* 5.089	38.05	PK2	33.6	-25.9	0	45.75	-	-	74	-28.25	317	200	V
	* 5.09	26.77	MAv1	33.6	-25.9	.1	34.57	54	-19.43	-	-	317	200	V
6	* 9.163	35.02	PK2	35.9	-21.8	0	49.12	-	-	74	-24.88	317	200	V
	* 9.165	23.9	MAv1	35.9	-21.7	.1	38.2	54	-15.8	-	-	317	200	V

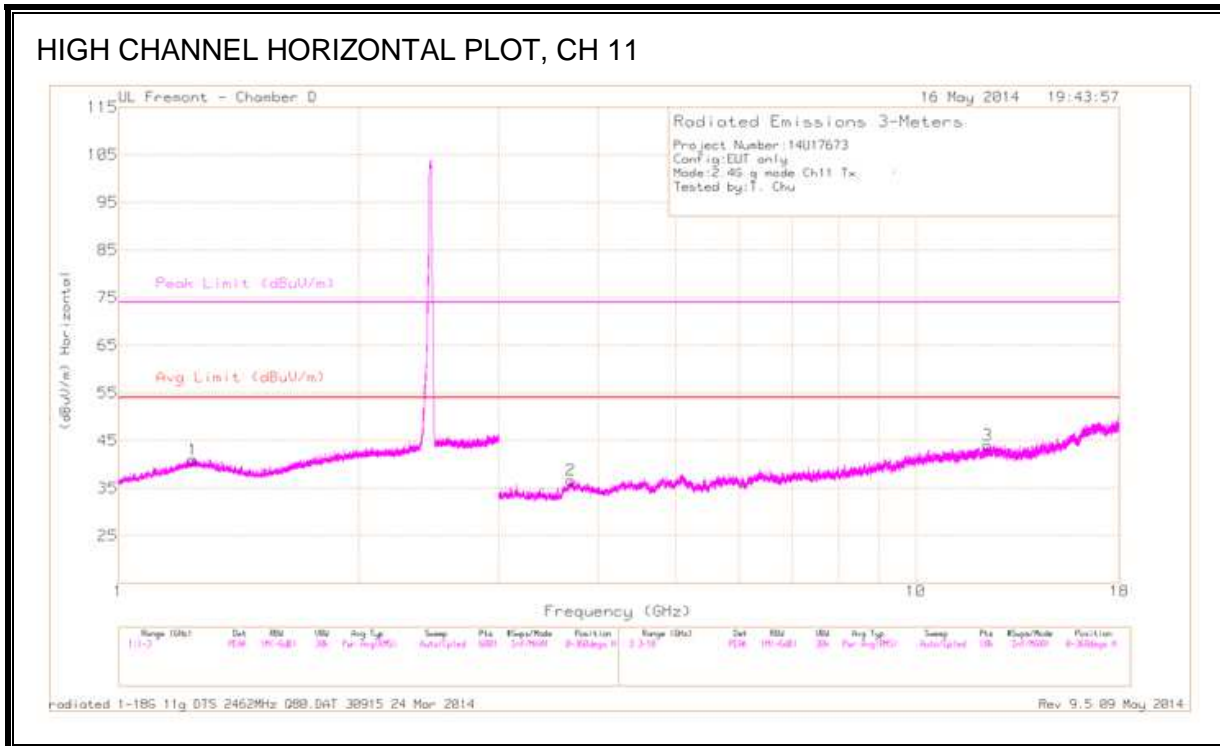
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

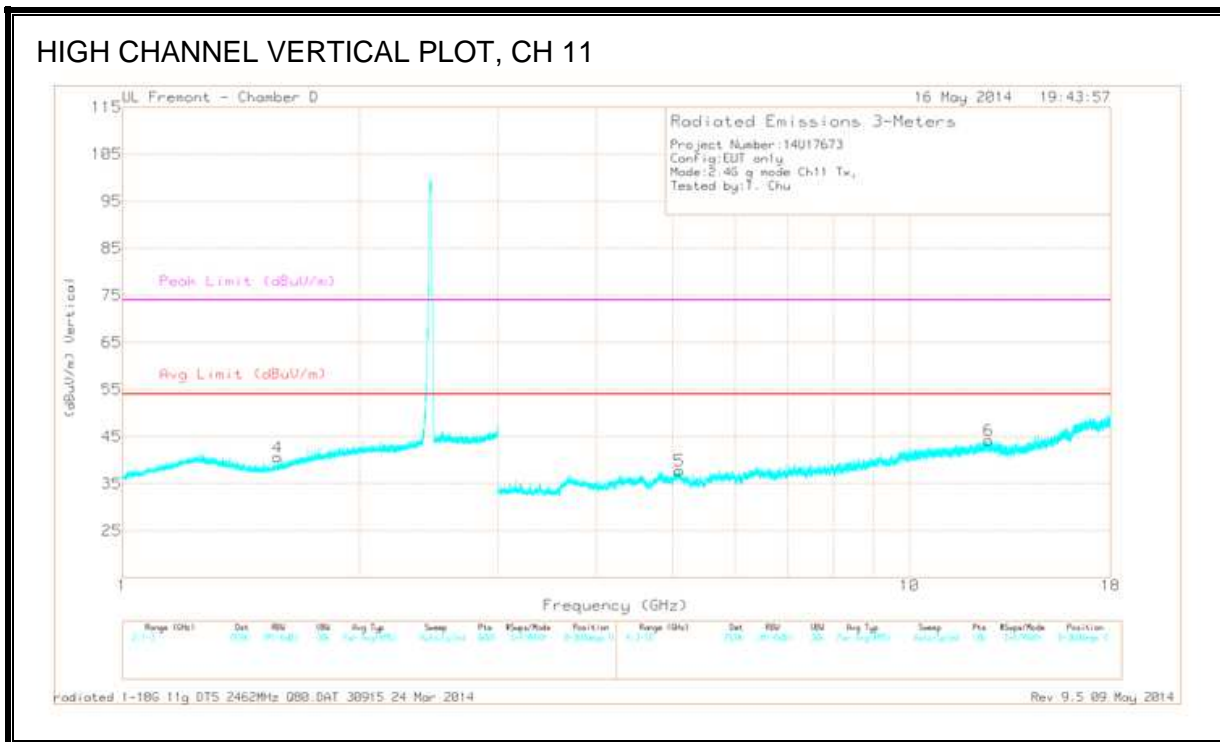
MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH11 2462MHz HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL HORIZONTAL PLOT, CH 11



HIGH CHANNEL VERTICAL PLOT, CH 11



DATA

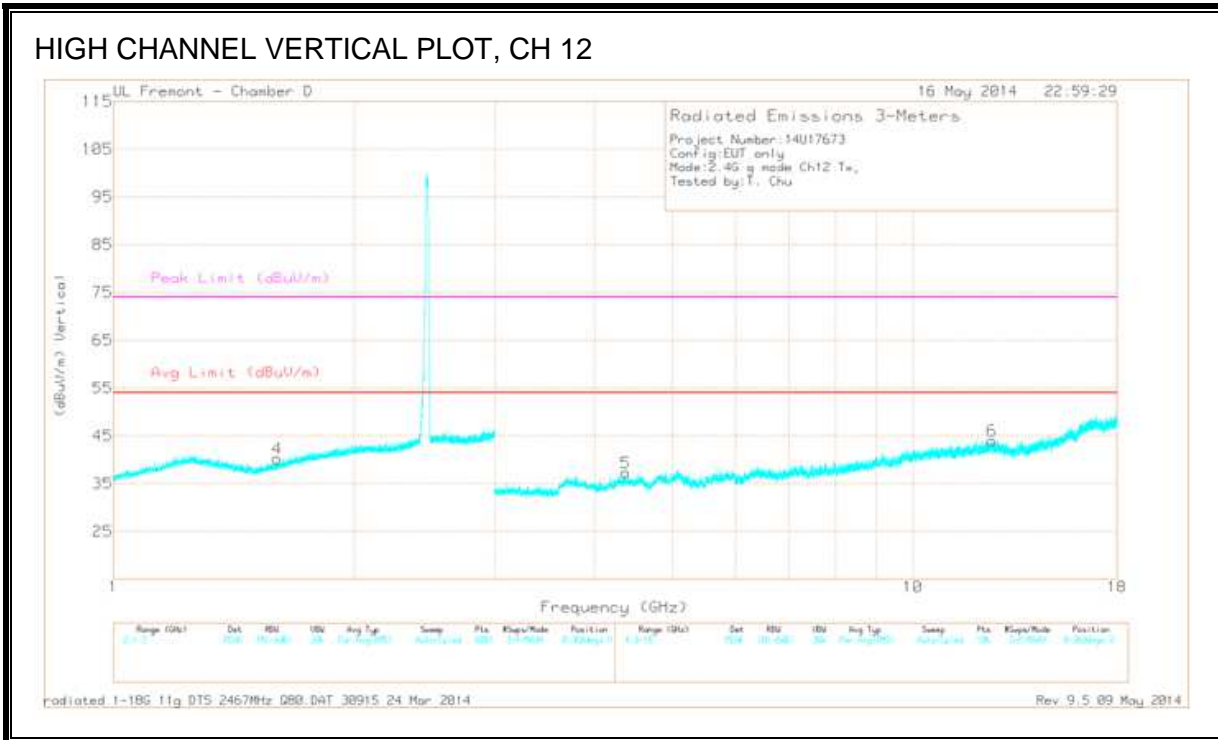
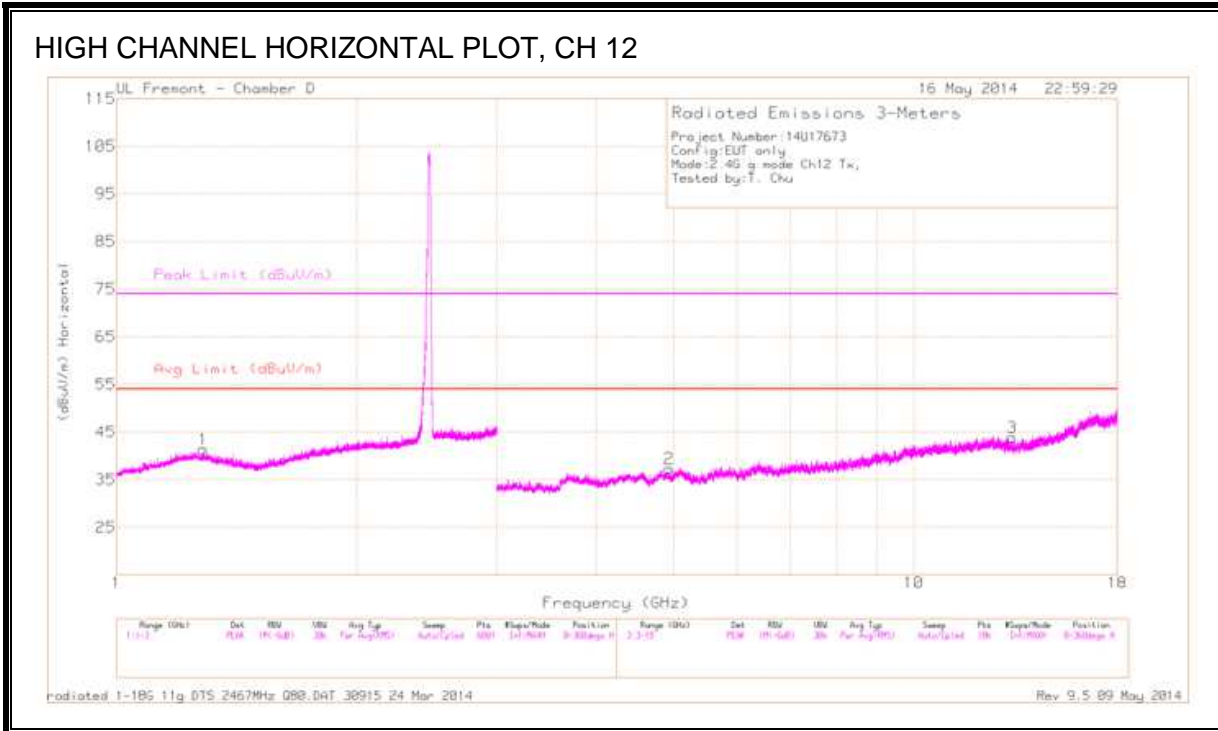
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/C b/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.238	42.22	PK2	29.4	-22.1	0	49.52	-	-	74	-24.48	317	200	H
	* 1.238	30.29	MAv1	29.4	-22.1	.1	37.69	54	-16.31	-	-	317	200	H
2	* 3.694	38.56	PK2	32.6	-27.9	0	43.26	-	-	74	-30.74	317	200	H
	* 3.695	27.52	MAv1	32.6	-27.9	.1	32.32	54	-21.68	-	-	317	200	H
3	* 12.295	35.15	PK2	38.4	-21.6	0	51.95	-	-	74	-22.05	317	200	H
	* 12.295	23.87	MAv1	38.4	-21.6	.1	40.77	54	-13.23	-	-	317	200	H
4	* 1.575	41.71	PK2	27.7	-21.5	0	47.91	-	-	74	-26.09	317	200	V
	* 1.575	30.23	MAv1	27.7	-21.5	.1	36.53	54	-17.47	-	-	317	200	V
5	* 12.596	35.06	PK2	38.6	-21.7	0	51.96	-	-	74	-22.04	317	200	V
	* 12.595	24.13	MAv1	38.6	-21.7	.1	41.13	54	-12.87	-	-	317	200	V
6	* 5.101	38.19	PK2	33.6	-26.1	0	45.69	-	-	74	-28.31	317	200	V
	* 5.102	26.77	MAv1	33.6	-26.1	.1	34.37	54	-19.63	-	-	317	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 12 2467MHz HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/C b/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polariz y
1	* 1.285	41.92	PK2	29.2	-22	0	49.12	-	-	74	-24.88	317	200	H
	* 1.285	30.18	MAv1	29.2	-22	.1	37.48	54	-16.52	-	-	317	200	H
2	* 4.937	38.91	PK2	33.5	-28.1	0	44.31	-	-	74	-29.69	317	200	H
	* 4.936	27.43	MAv1	33.5	-28	.1	33.03	54	-20.97	-	-	317	200	H
3	* 13.297	36.2	PK2	37.9	-22.2	0	51.9	-	-	74	-22.1	317	200	H
	* 13.296	24.62	MAv1	37.9	-22.2	.1	40.42	54	-13.58	-	-	317	200	H
4	* 1.602	41.93	PK2	27.9	-21.7	0	48.13	-	-	74	-25.87	317	200	V
	* 1.603	30.14	MAv1	27.9	-21.7	.1	36.44	54	-17.56	-	-	317	200	V
5	* 4.375	38.44	PK2	33.2	-27.9	0	43.74	-	-	74	-30.26	317	200	V
	* 4.376	27.13	MAv1	33.2	-27.9	.1	32.53	54	-21.47	-	-	317	200	V
6	* 12.555	35.22	PK2	38.5	-21.1	0	52.62	-	-	74	-21.38	317	200	V
	* 12.555	23.57	MAv1	38.5	-21.1	.1	41.07	54	-12.93	-	-	317	200	V

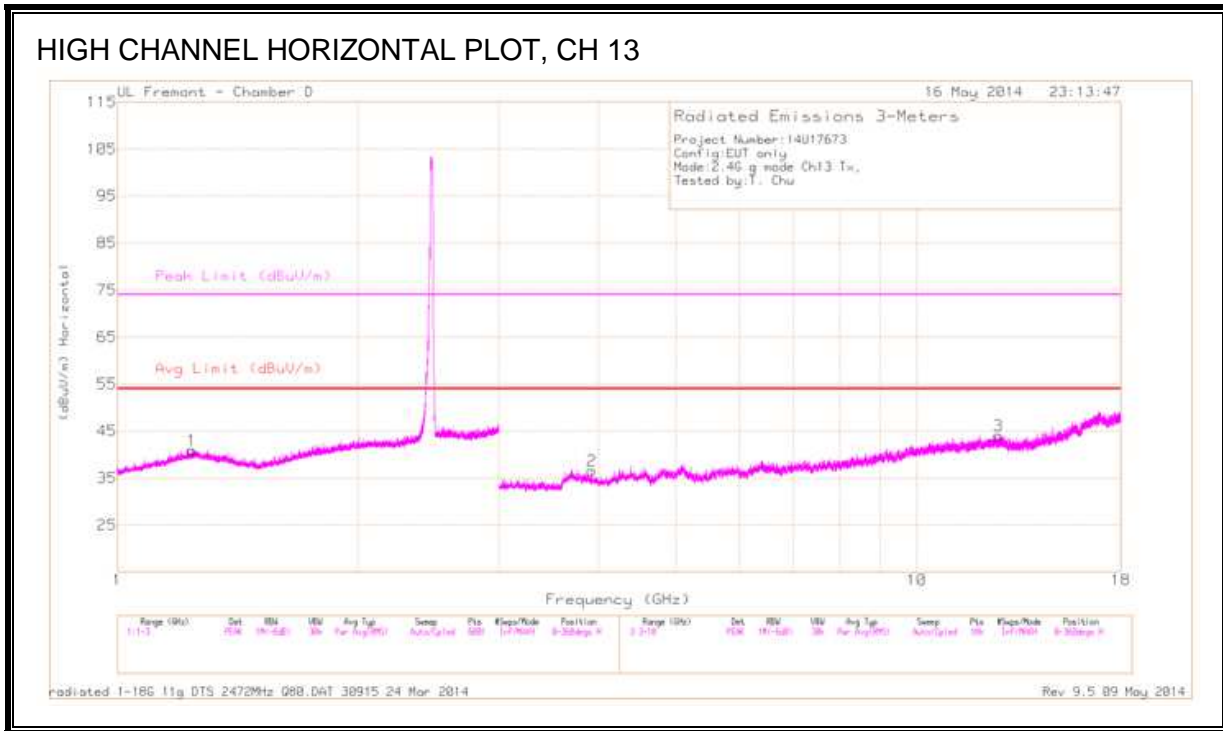
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

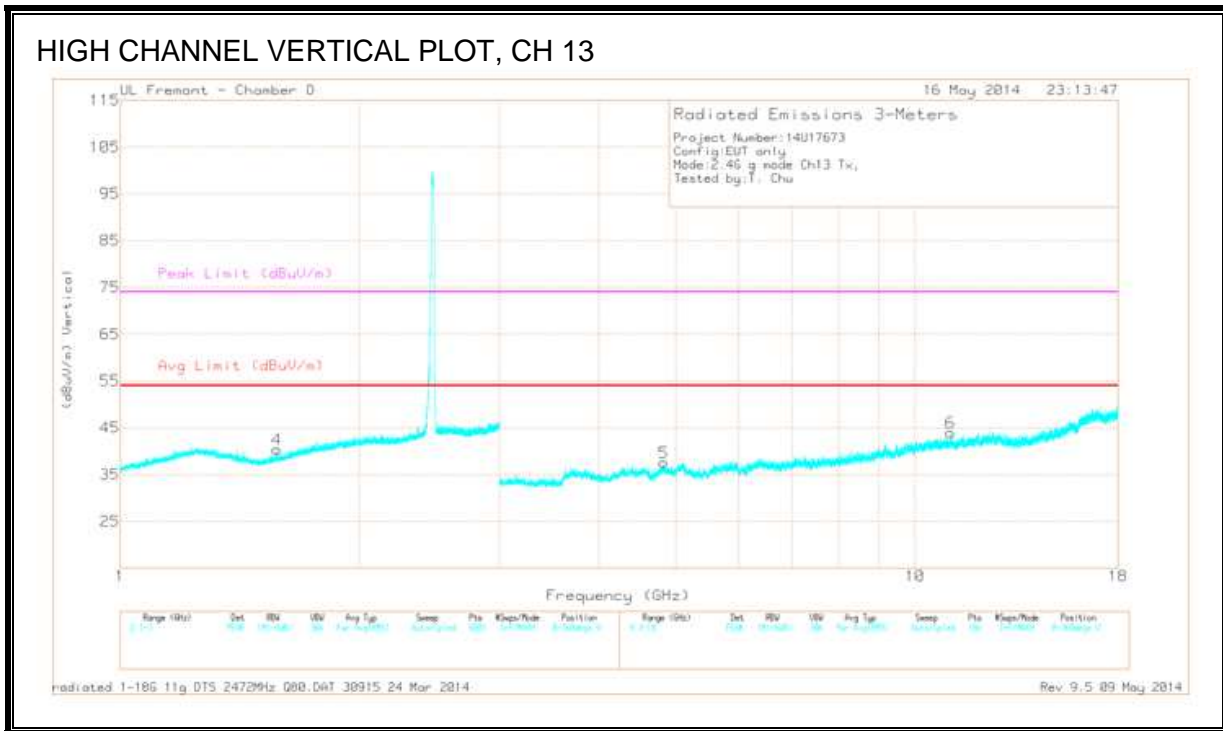
MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH13 2472MHZ, HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL HORIZONTAL PLOT, CH 13



HIGH CHANNEL VERTICAL PLOT, CH 13



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.239	34.71	PK2	29.5	-22.1	0	42.11	-	-	74	-31.89	0	100	H
	* 1.24	30.21	MAv1	29.5	-22.1	.1	37.71	54	-16.29	-	-	0	100	H
2	* 3.921	30.79	PK2	32.8	-28.1	0	35.49	-	-	74	-38.51	0	100	H
	* 3.921	27.52	MAv1	32.8	-28.1	.1	32.32	54	-21.68	-	-	0	100	H
3	* 12.657	27.26	PK2	38.6	-21.9	0	43.96	-	-	74	-30.04	0	100	H
	* 12.657	23.85	MAv1	38.6	-21.9	.1	40.65	54	-13.35	-	-	0	100	H
4	* 1.575	34.16	PK2	27.6	-21.5	0	40.26	-	-	74	-33.74	0	100	V
	* 1.576	30.21	MAv1	27.7	-21.5	.1	36.51	54	-17.49	-	-	0	100	V
5	* 4.827	29.89	PK2	33.5	-26.7	0	36.69	-	-	74	-37.31	0	100	V
	* 4.827	26.54	MAv1	33.5	-26.7	.1	33.44	54	-20.56	-	-	0	100	V
6	* 11.077	26.64	PK2	37.5	-21.3	0	42.84	-	-	74	-31.16	0	100	V
	* 11.077	23.4	MAv1	37.5	-21.3	.1	39.7	54	-14.3	-	-	0	100	V

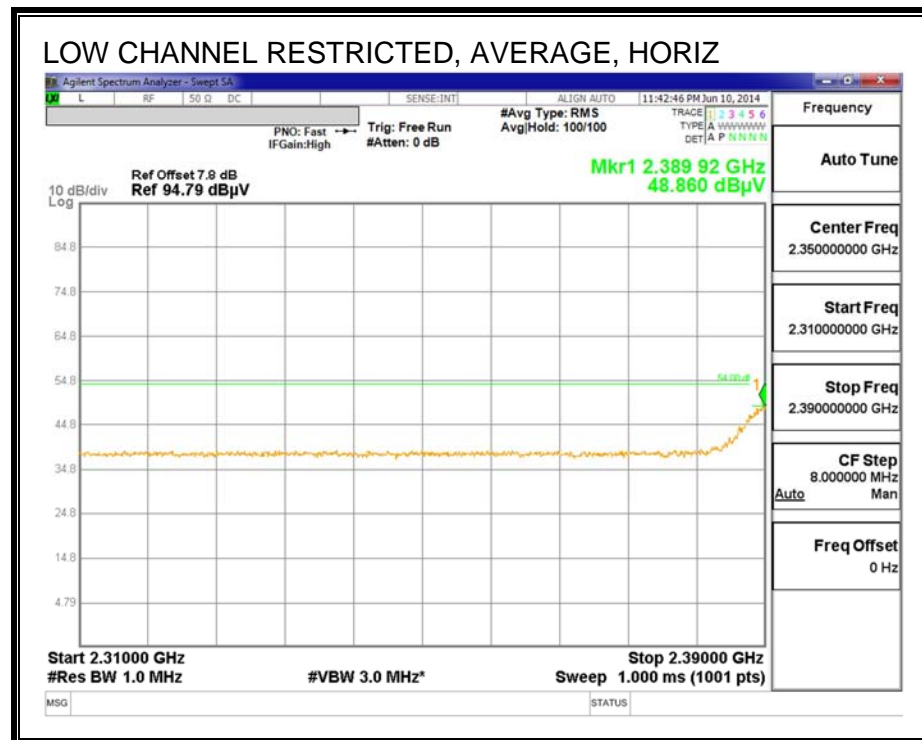
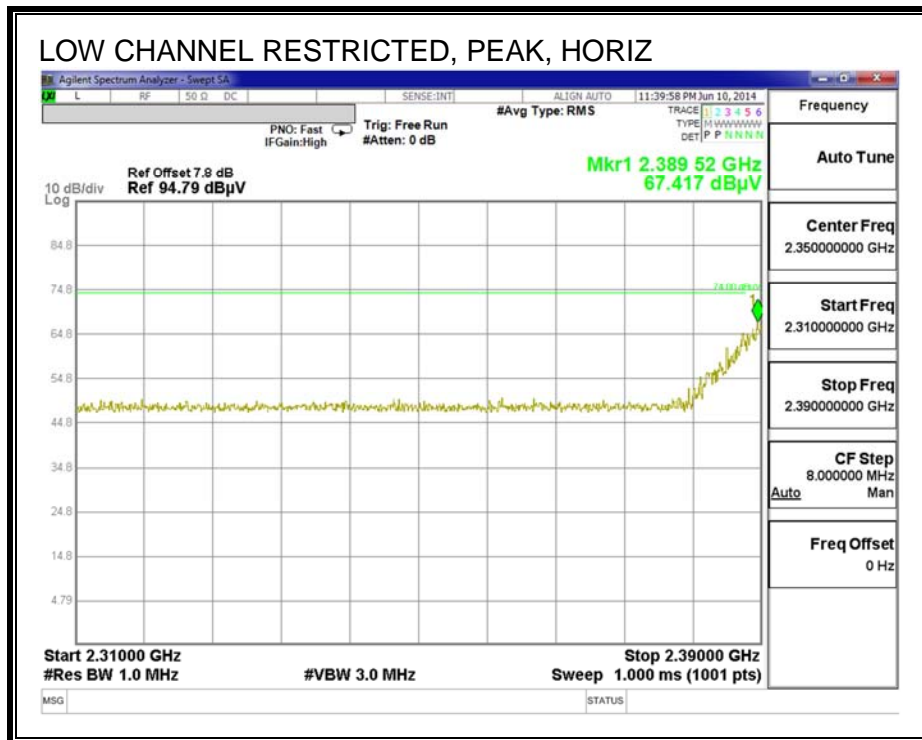
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

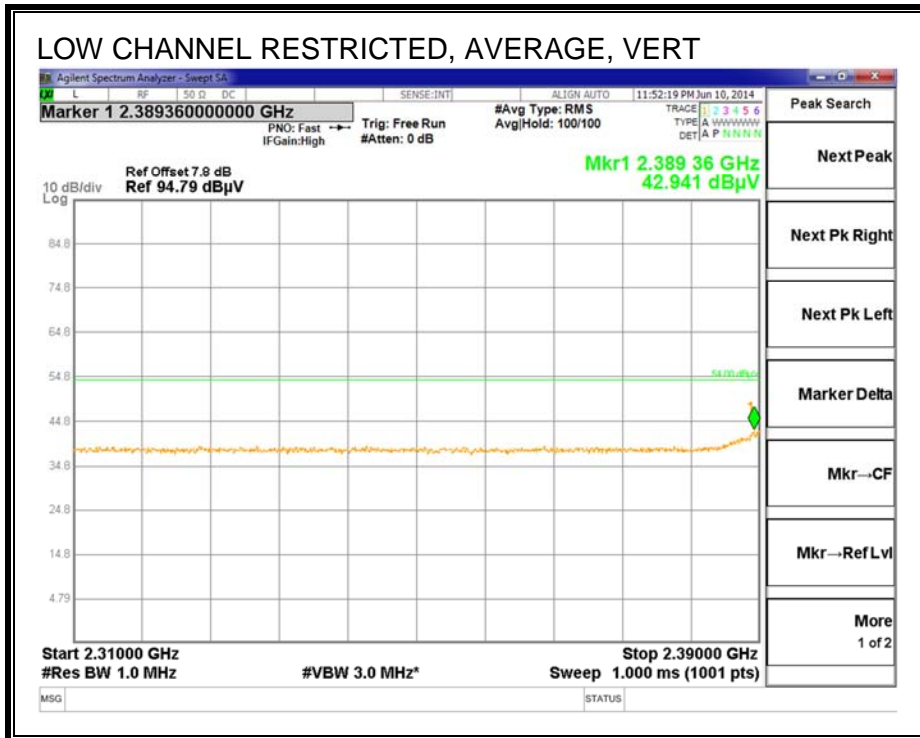
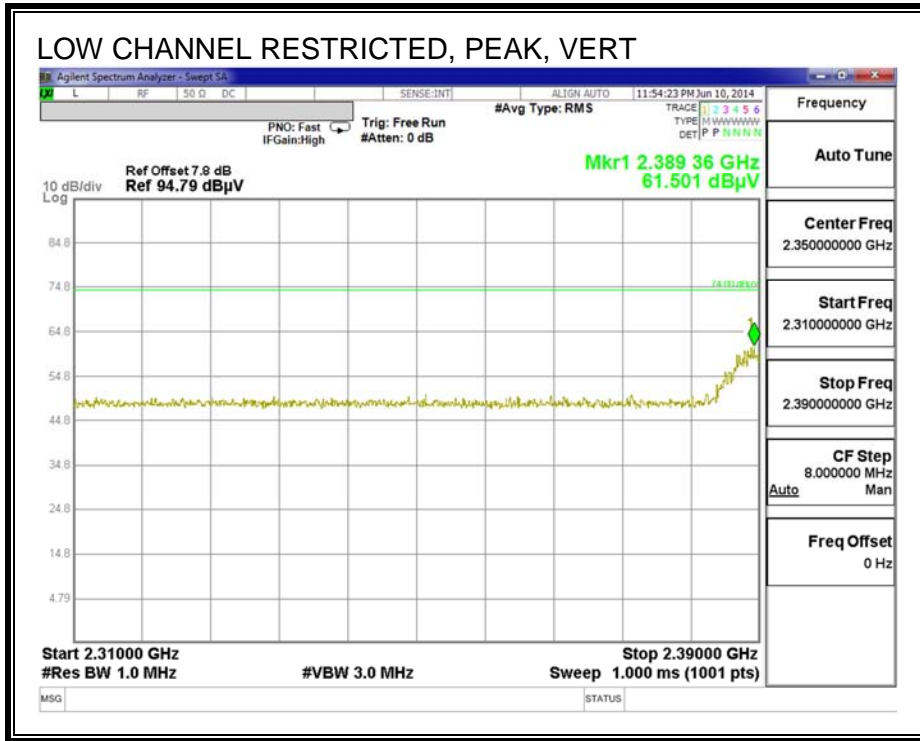
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

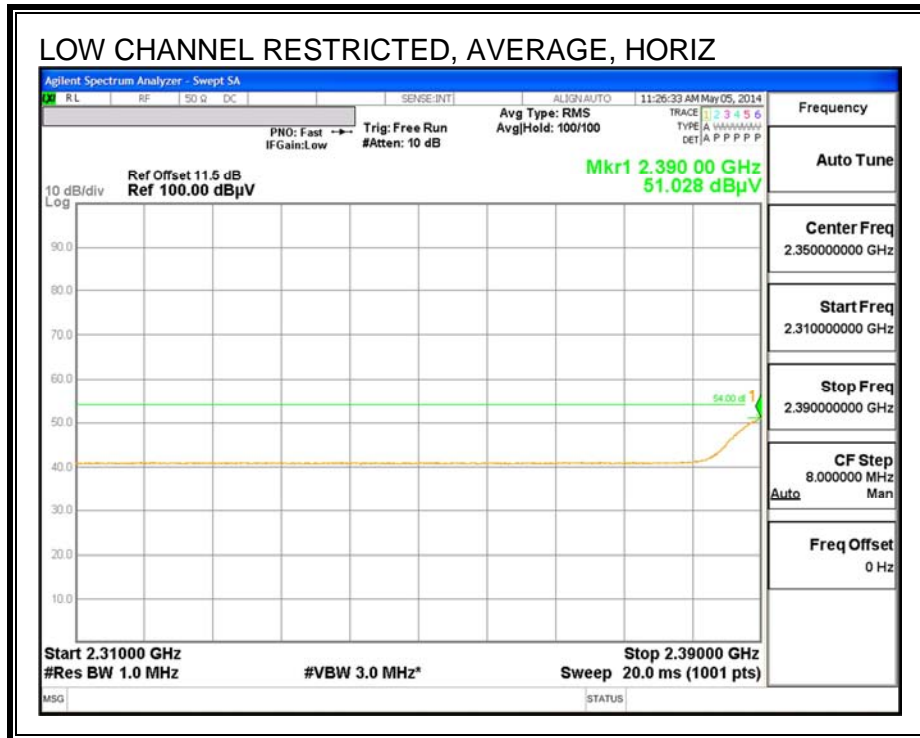
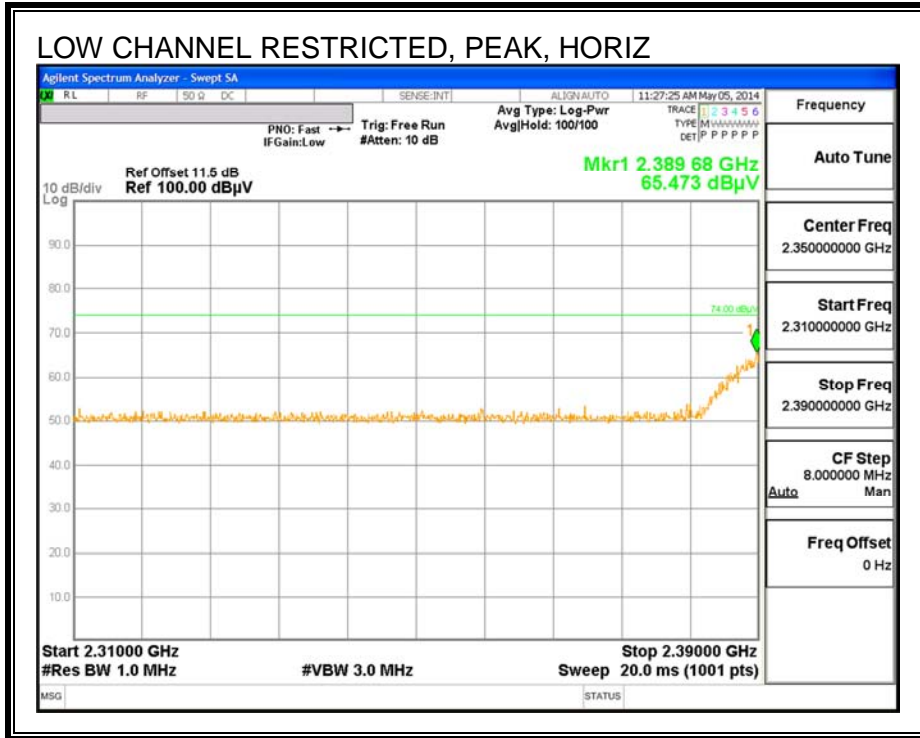
10.2.3. 802.11n HT20 1Tx SISO MODE IN THE 2.4 GHZ BAND

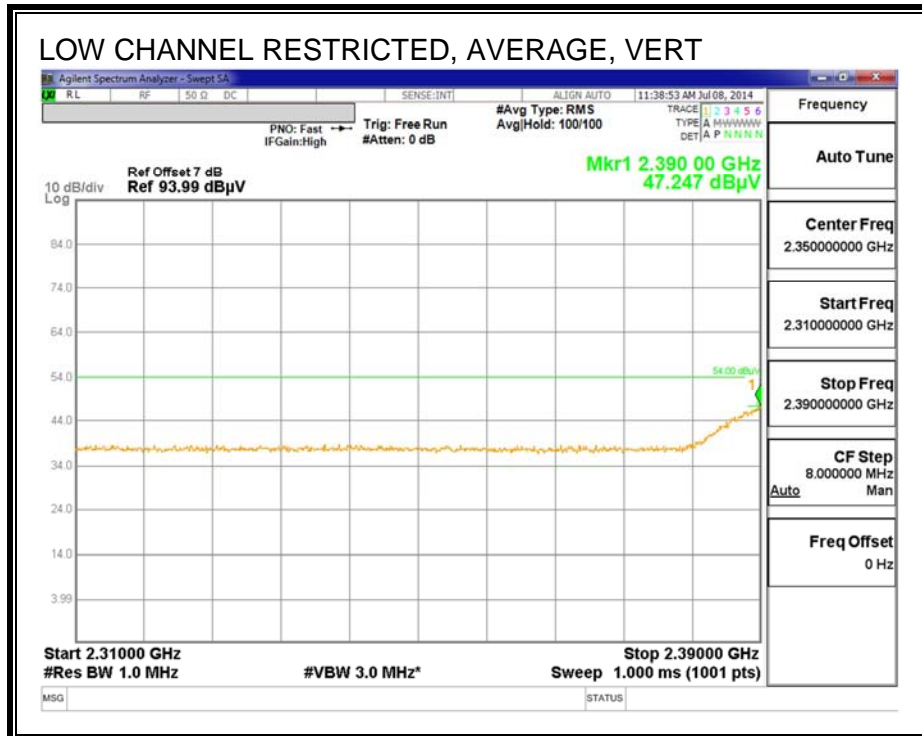
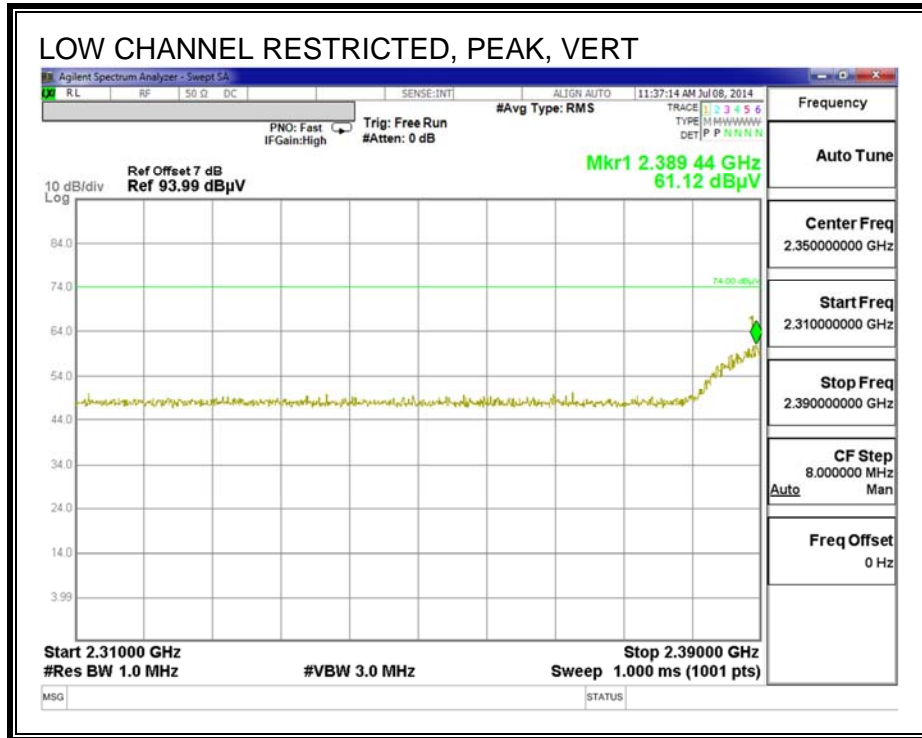
RESTRICTED BANDEDGE (LOW CHANNEL, CHANNEL 1)



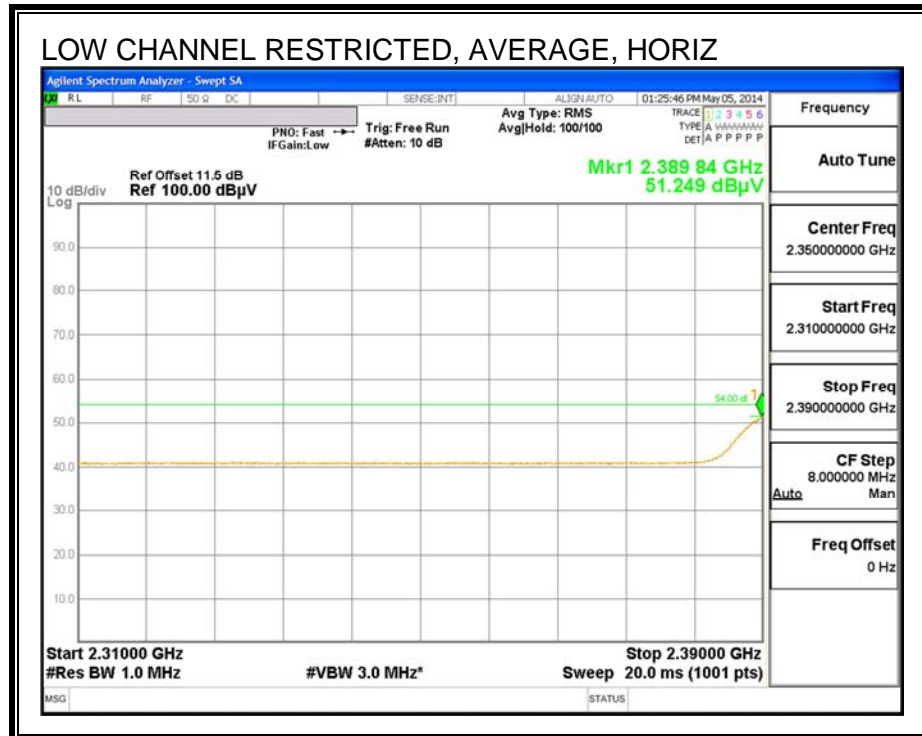
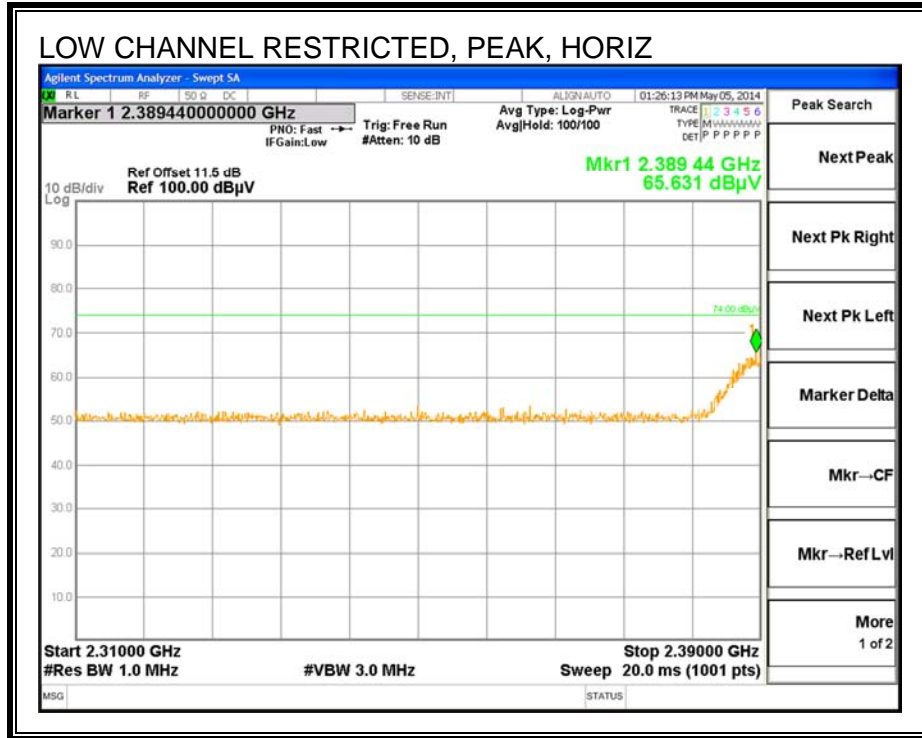


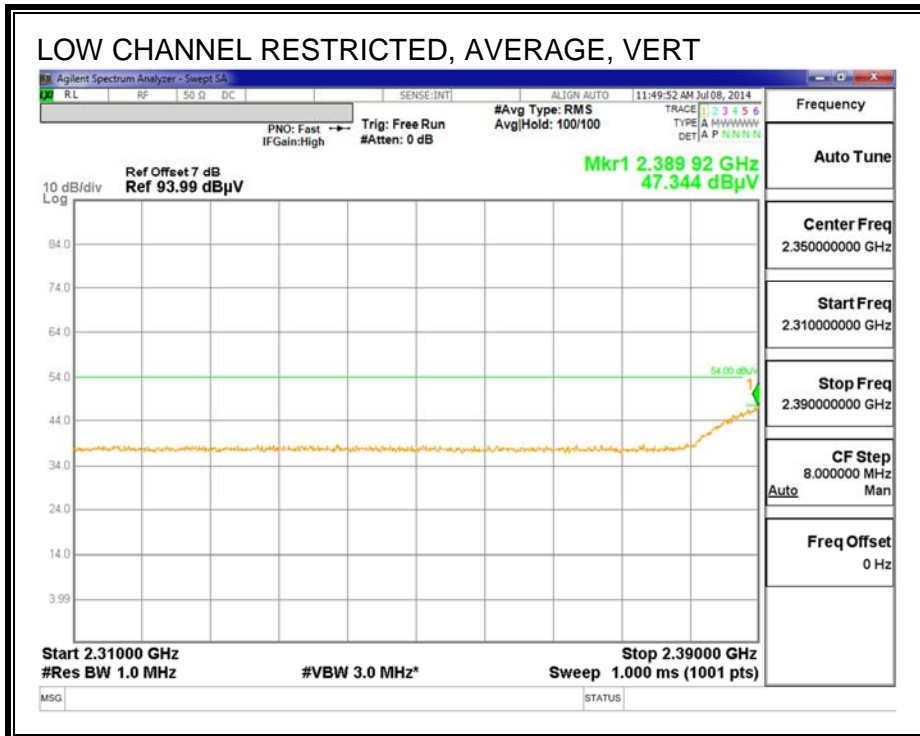
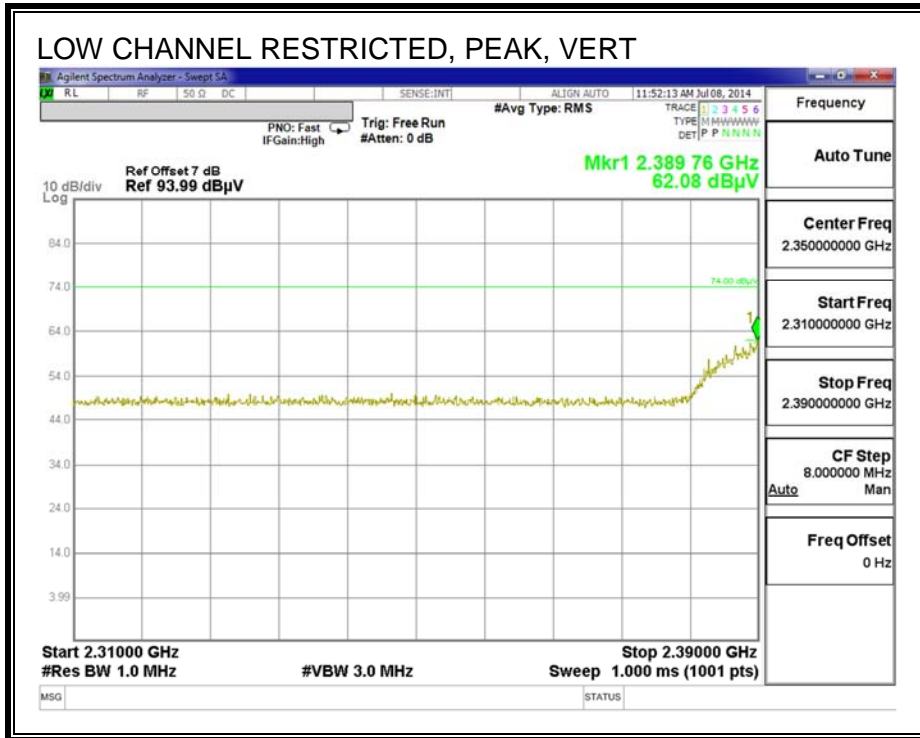
RESTRICTED BANDEDGE (LOW CHANNEL, CHANNEL 2)



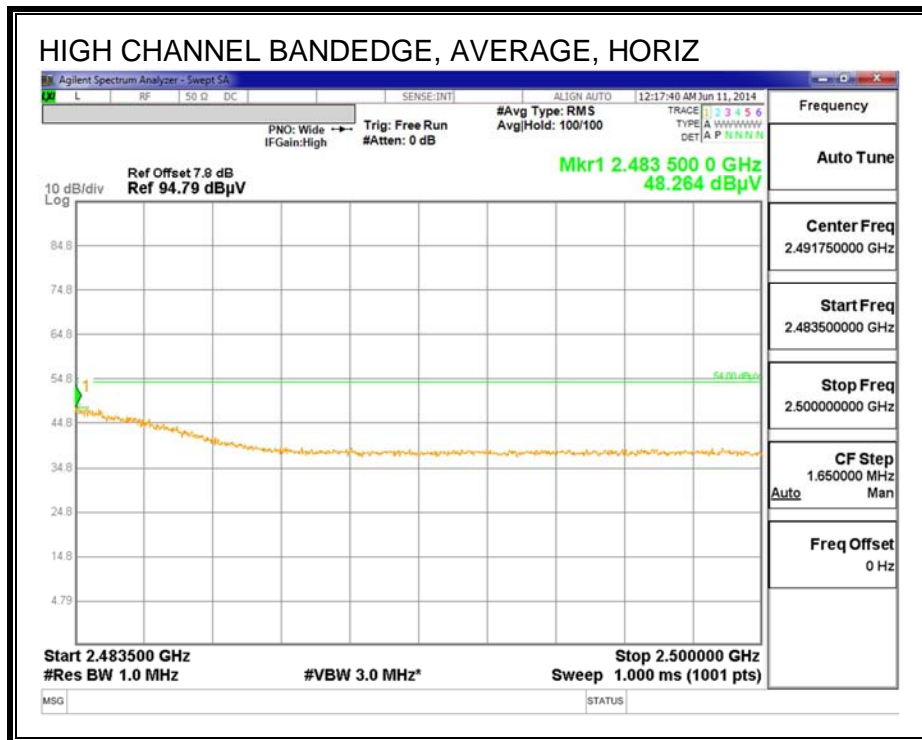
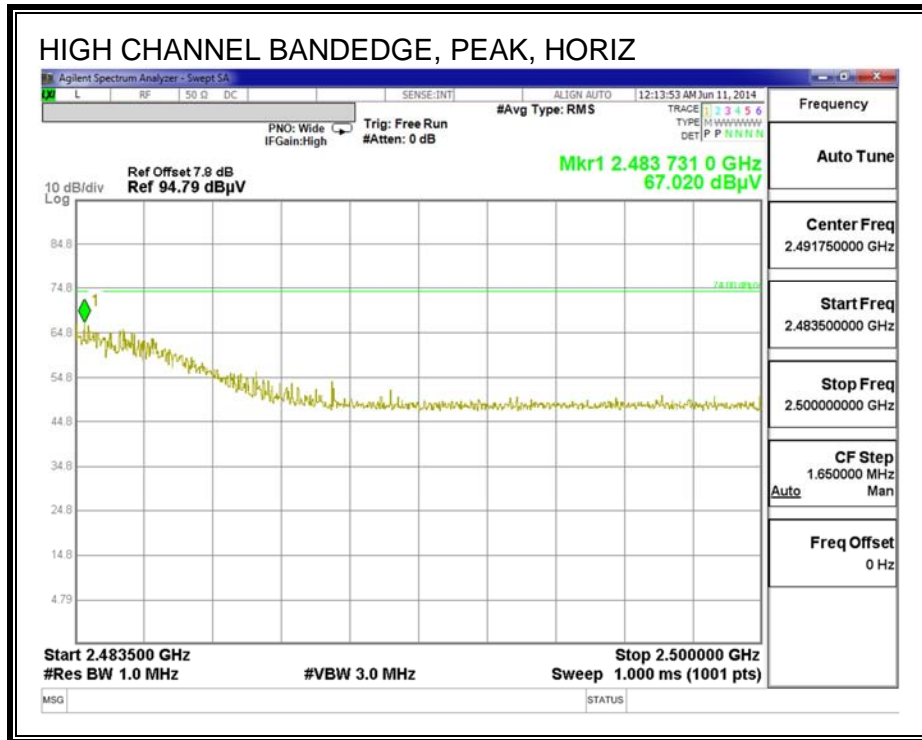


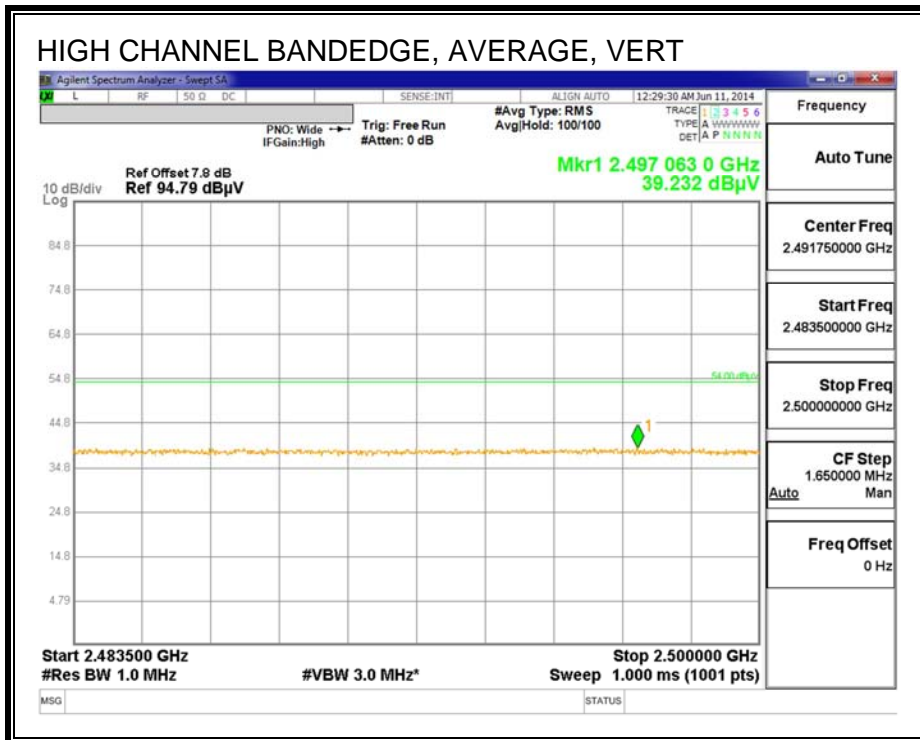
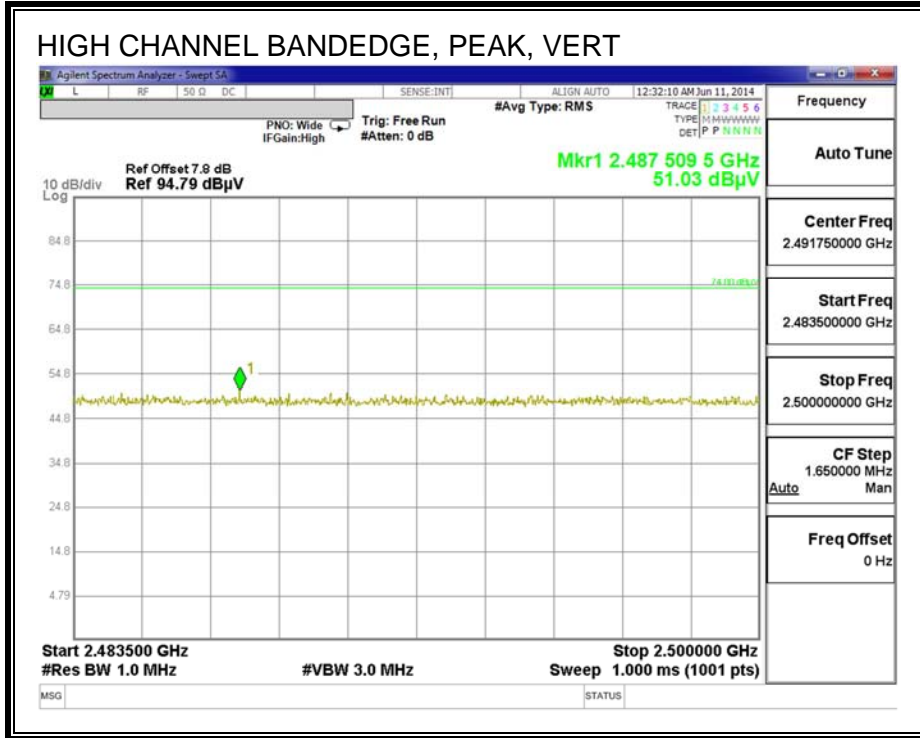
RESTRICTED BANDEDGE (LOW CHANNEL, CHANNEL 3)



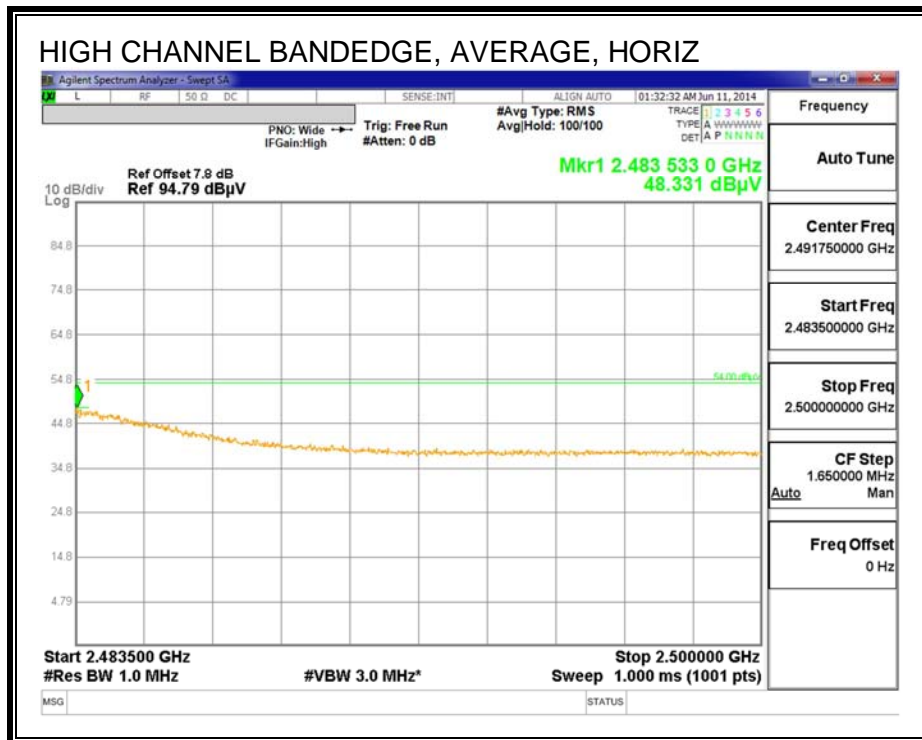
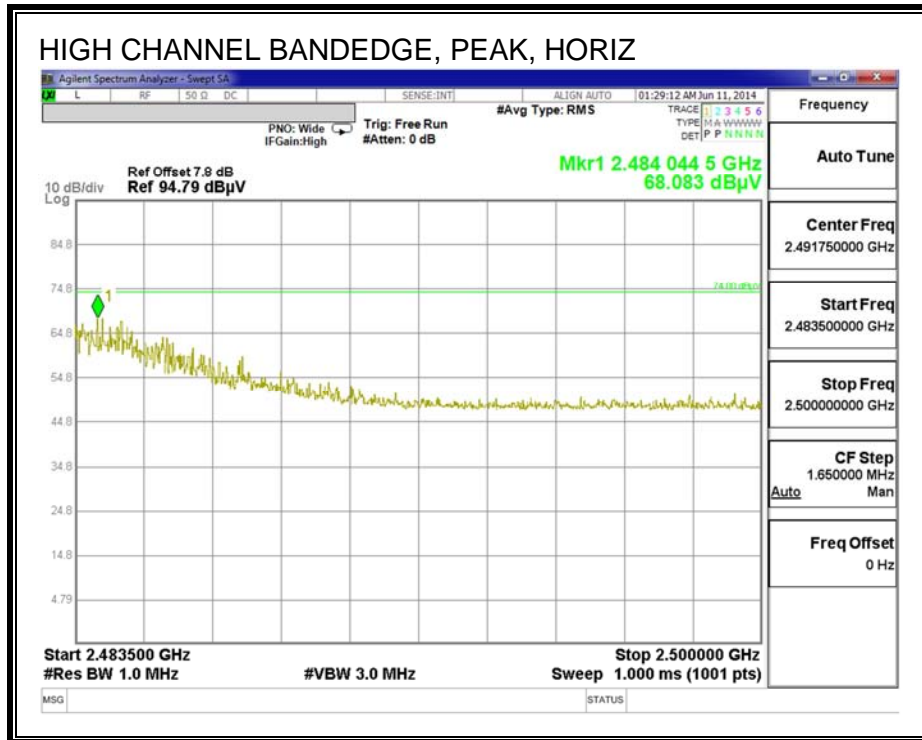


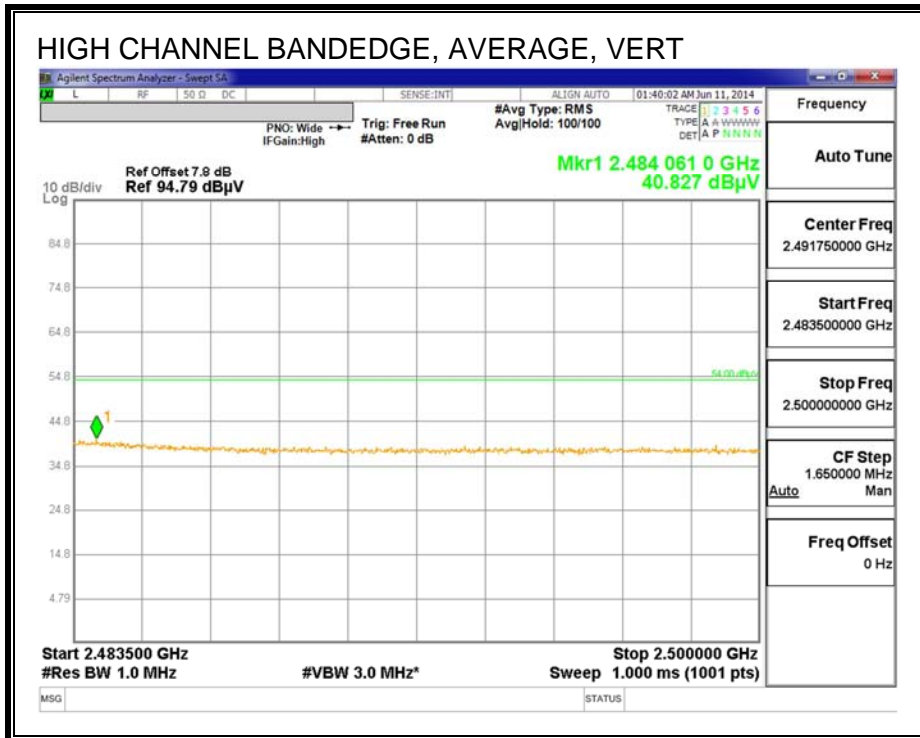
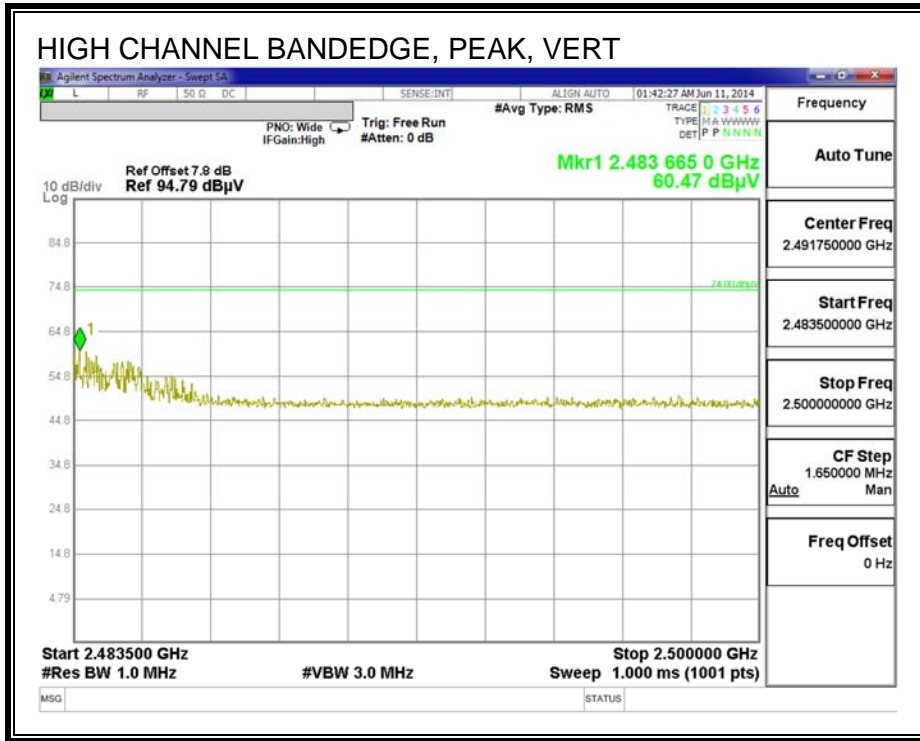
RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 11)



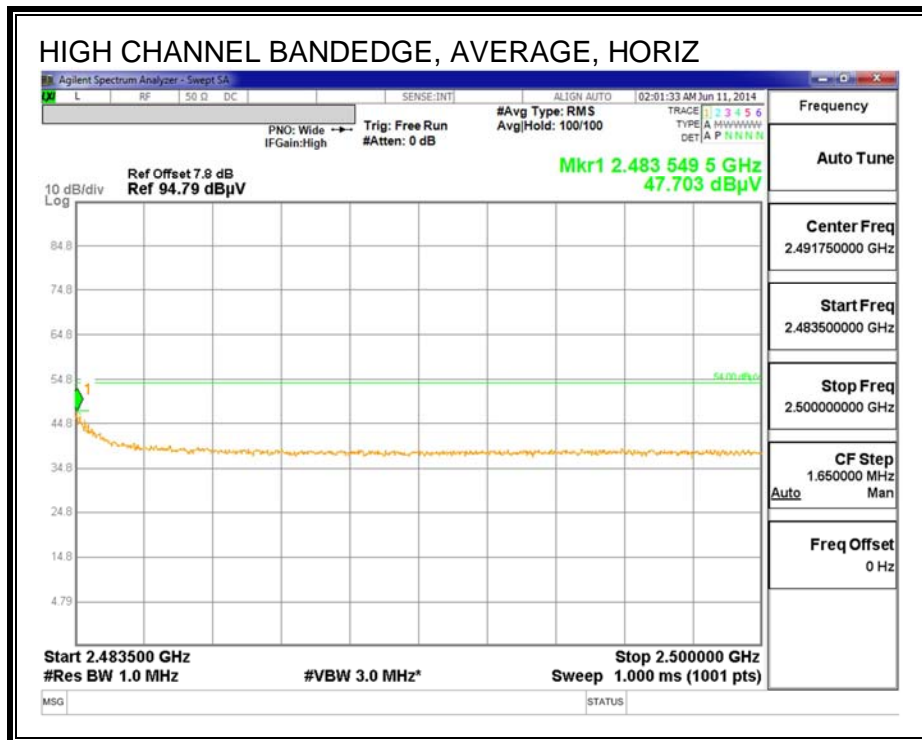
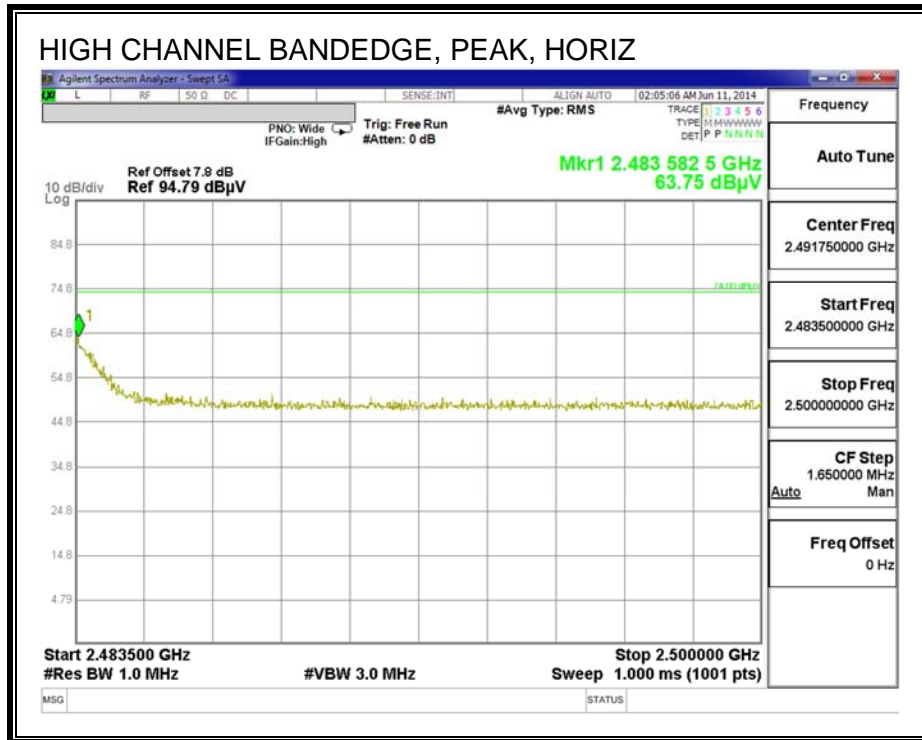


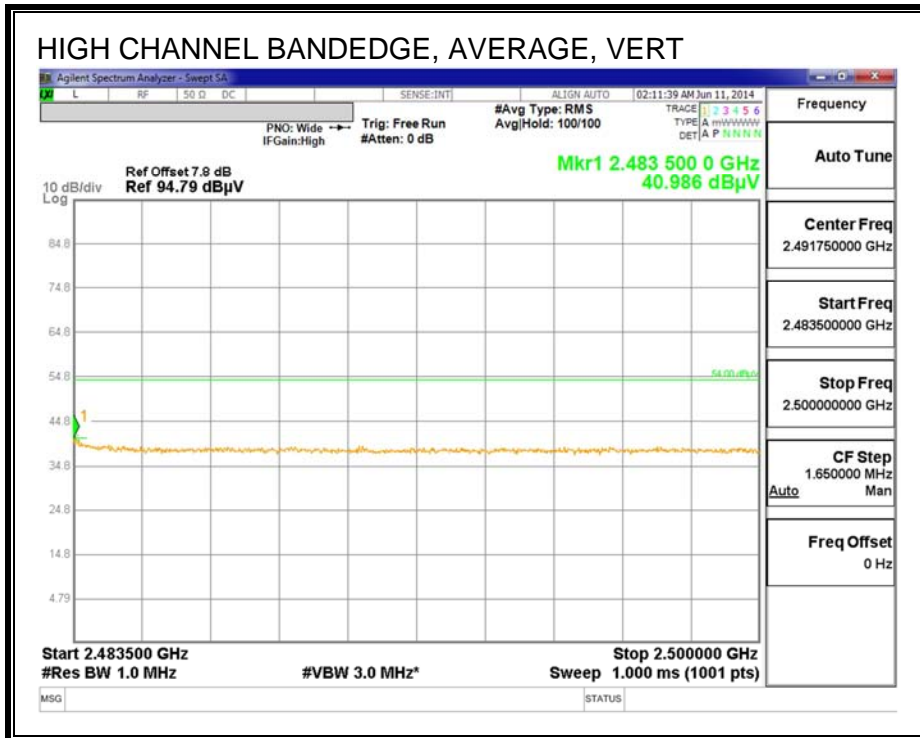
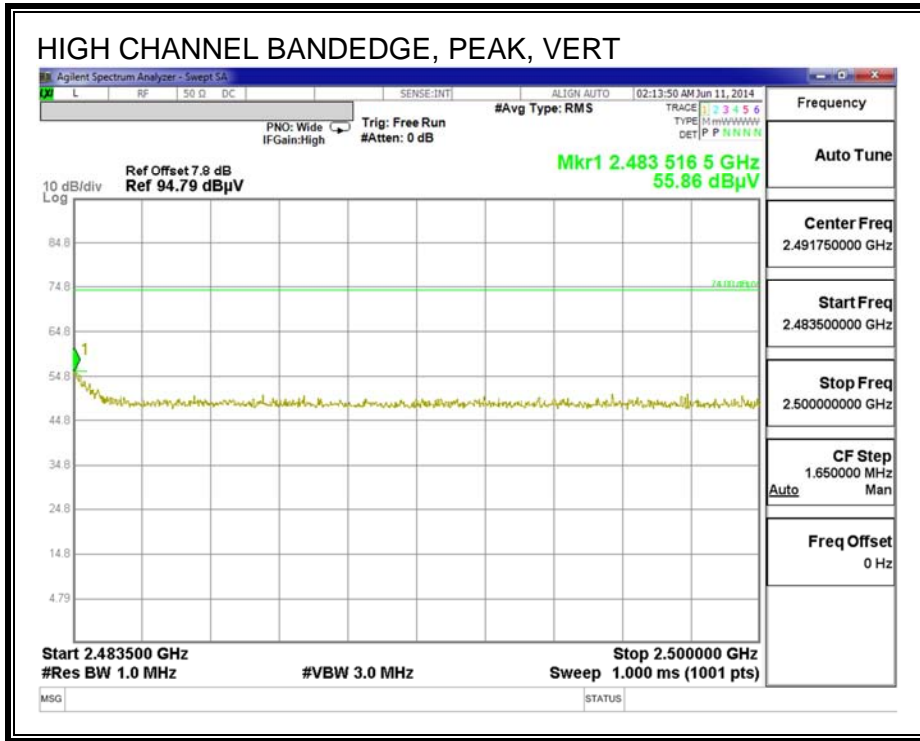
RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 12)



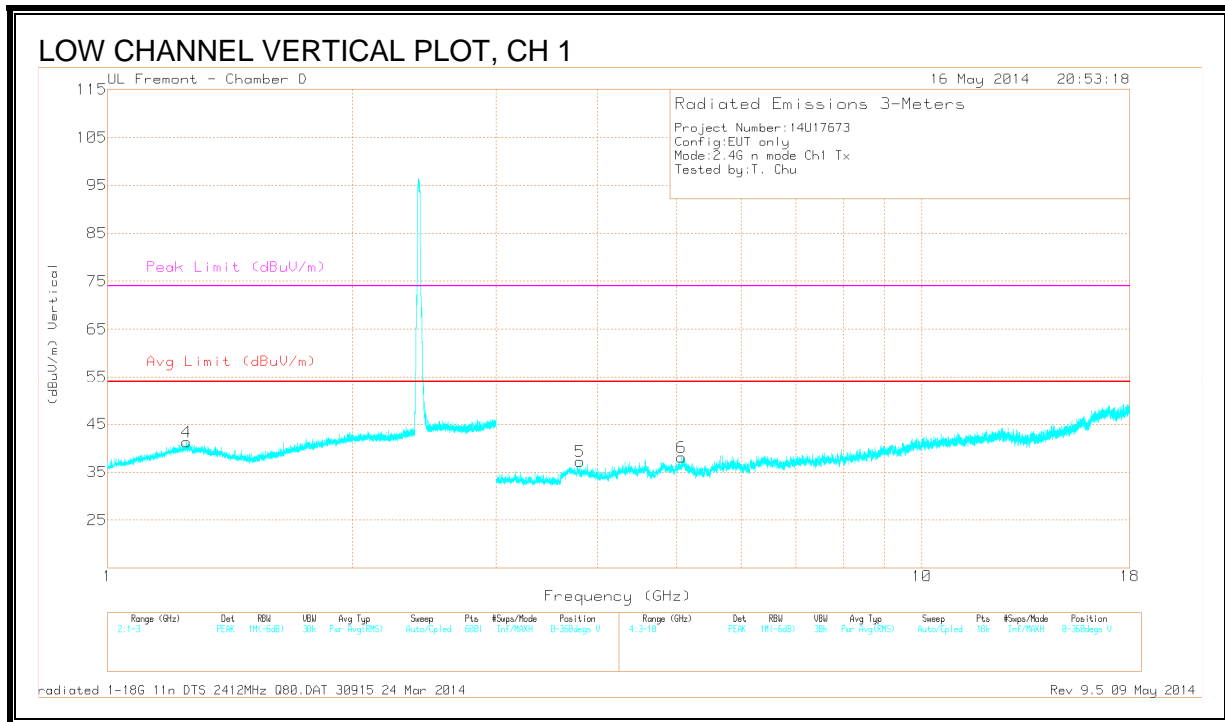
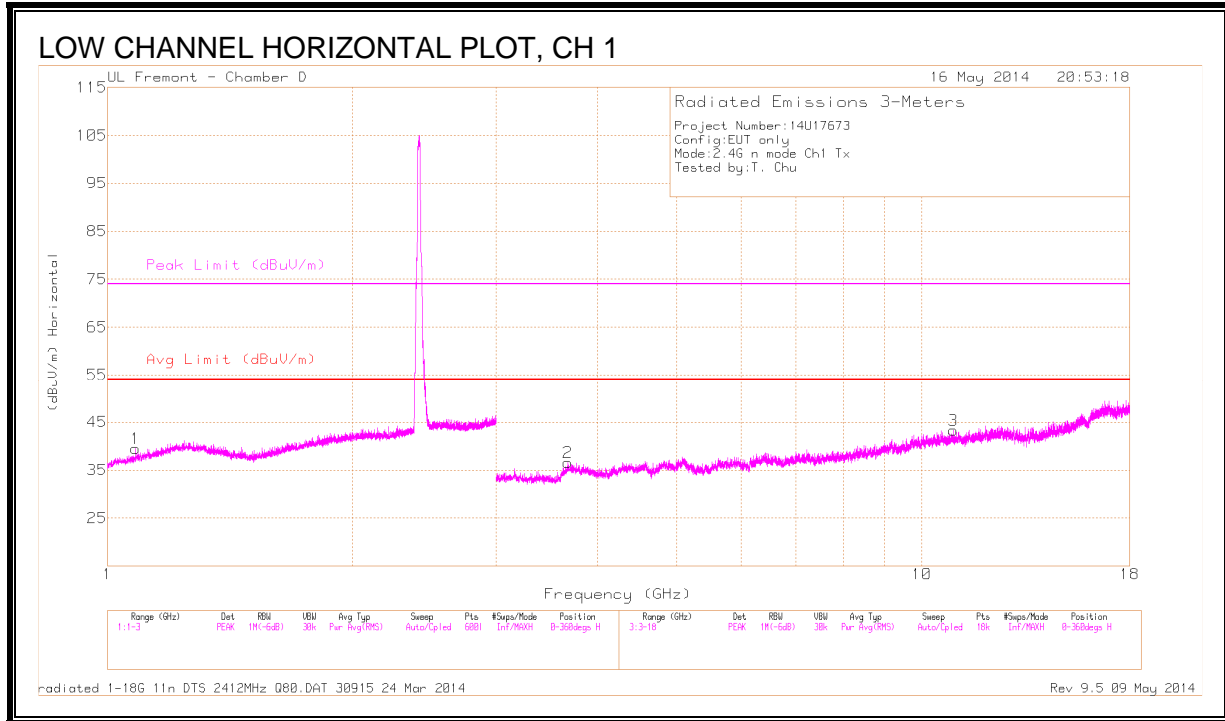


RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 13)





LOW CHANNEL 2412 HARMONICS AND SPURIOUS EMISSIONS



DATA

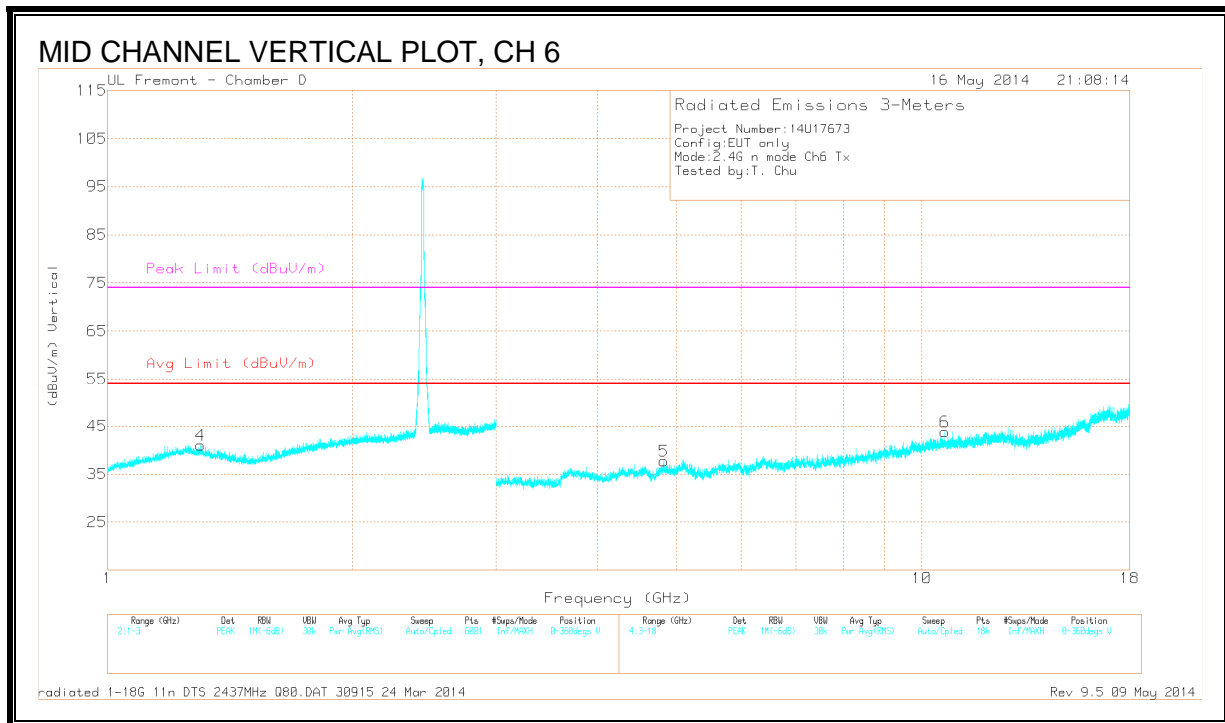
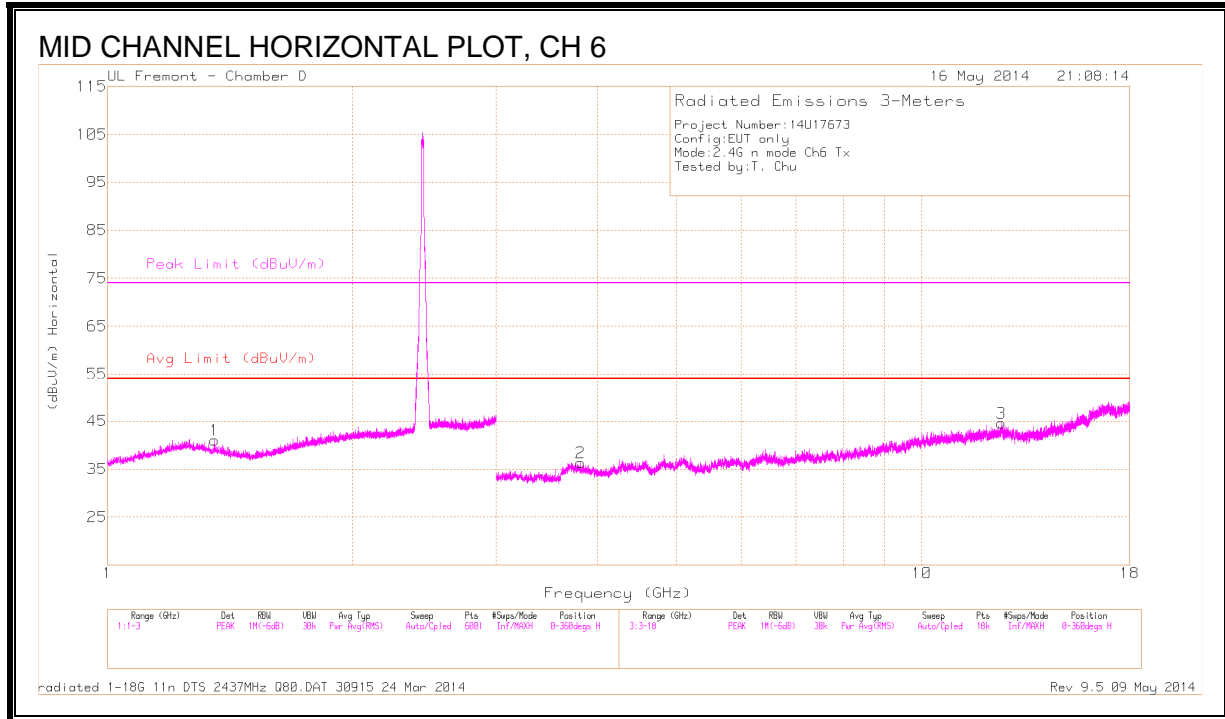
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.082	34.31	PK2	27.2	-22.2	0	39.31	-	-	74	-34.69	0	100	H
	* 1.082	30.38	MAv1	27.3	-22.2	.1	35.58	54	-18.42	-	-	0	100	H
2	* 3.672	30.82	PK2	32.6	-28.1	0	35.32	-	-	74	-38.68	0	100	H
	* 3.673	27.46	MAv1	32.6	-28.1	.1	32.06	54	-21.94	-	-	0	100	H
3	* 10.928	26.4	PK2	37.4	-21	0	42.8	-	-	74	-31.2	0	100	H
	* 10.928	23.03	MAv1	37.4	-21	.1	39.53	54	-14.47	-	-	0	100	H
4	* 1.252	34.35	PK2	29.6	-22.1	0	41.85	-	-	74	-32.15	0	100	V
	* 1.25	30.44	MAv1	29.6	-22.1	.1	38.04	54	-15.96	-	-	0	100	V
5	* 3.804	31.38	PK2	32.7	-28.8	0	35.28	-	-	74	-38.72	0	100	V
	* 3.804	28	MAv1	32.7	-28.8	.1	32	54	-22	-	-	0	100	V
6	* 5.066	29.81	PK2	33.6	-26.4	0	37.01	-	-	74	-36.99	0	100	V
	* 5.067	26.57	MAv1	33.6	-26.4	.1	33.87	54	-20.13	-	-	0	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL 2437 HARMONICS AND SPURIOUS EMISSIONS



DATA

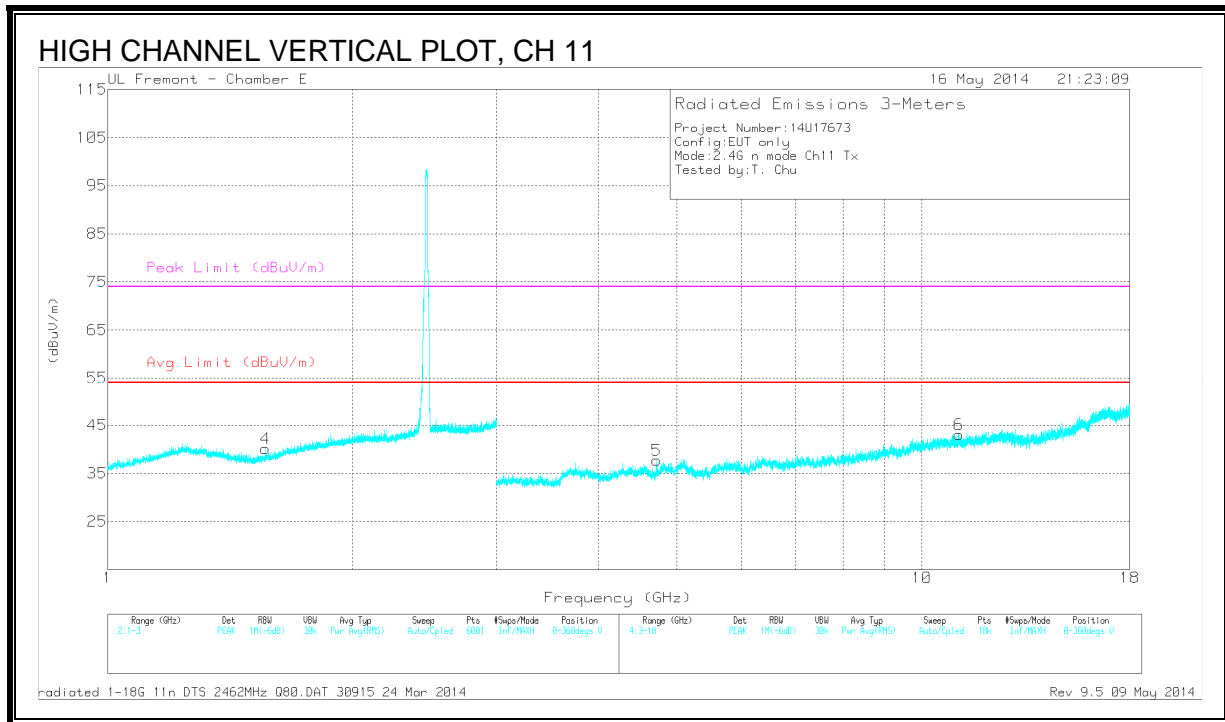
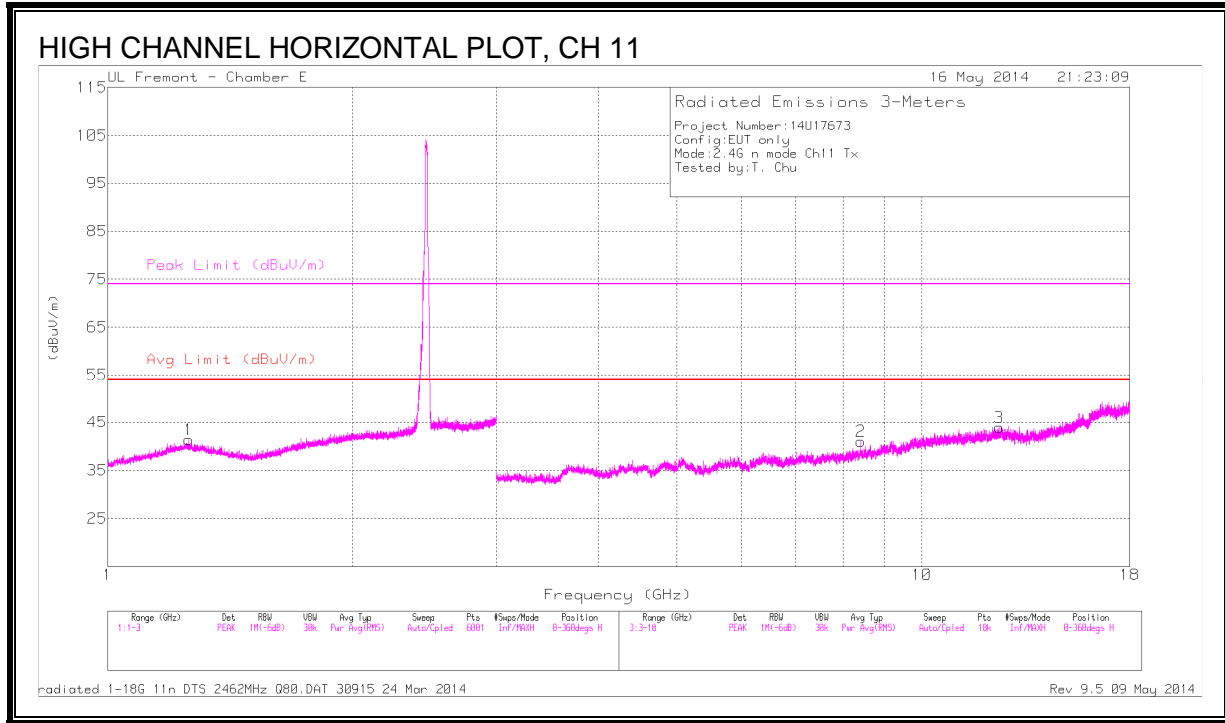
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.352	34.22	PK2	28.5	-21.9	0	40.82	-	-	74	-33.18	0	100	H
	* 1.354	30.25	MAv1	28.5	-21.9	.1	36.95	54	-17.05	-	-	0	100	H
2	* 3.809	31.07	PK2	32.7	-28.8	0	34.97	-	-	74	-39.03	0	100	H
	* 3.809	27.76	MAv1	32.7	-28.8	.1	31.76	54	-22.24	-	-	0	100	H
3	* 12.527	27.08	PK2	38.5	-20.8	0	44.78	-	-	74	-29.22	0	100	H
	* 12.525	23.76	MAv1	38.5	-20.8	.1	41.56	54	-12.44	-	-	0	100	H
4	* 1.3	34.34	PK2	29.1	-21.9	0	41.54	-	-	74	-32.46	0	100	V
	* 1.3	30.37	MAv1	29.1	-21.9	.1	37.67	54	-16.33	-	-	0	100	V
5	* 4.823	29.87	PK2	33.5	-26.7	0	36.67	-	-	74	-37.33	0	100	V
	* 4.824	26.66	MAv1	33.5	-26.7	.1	33.56	54	-20.44	-	-	0	100	V
6	* 10.661	26.62	PK2	37.3	-20.9	0	43.02	-	-	74	-30.98	0	100	V
	* 10.661	23.27	MAv1	37.3	-20.9	.1	39.77	54	-14.23	-	-	0	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH11, 2462MHz HARMONICS AND SPURIOUS EMISSIONS



DATA

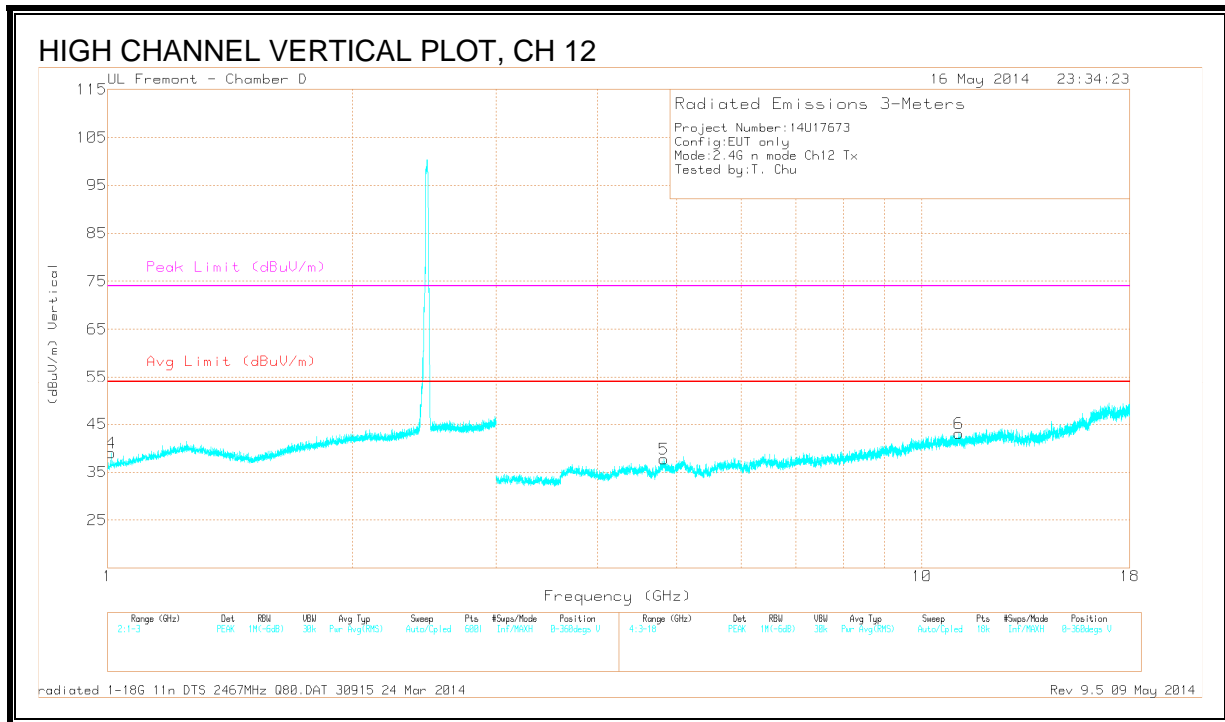
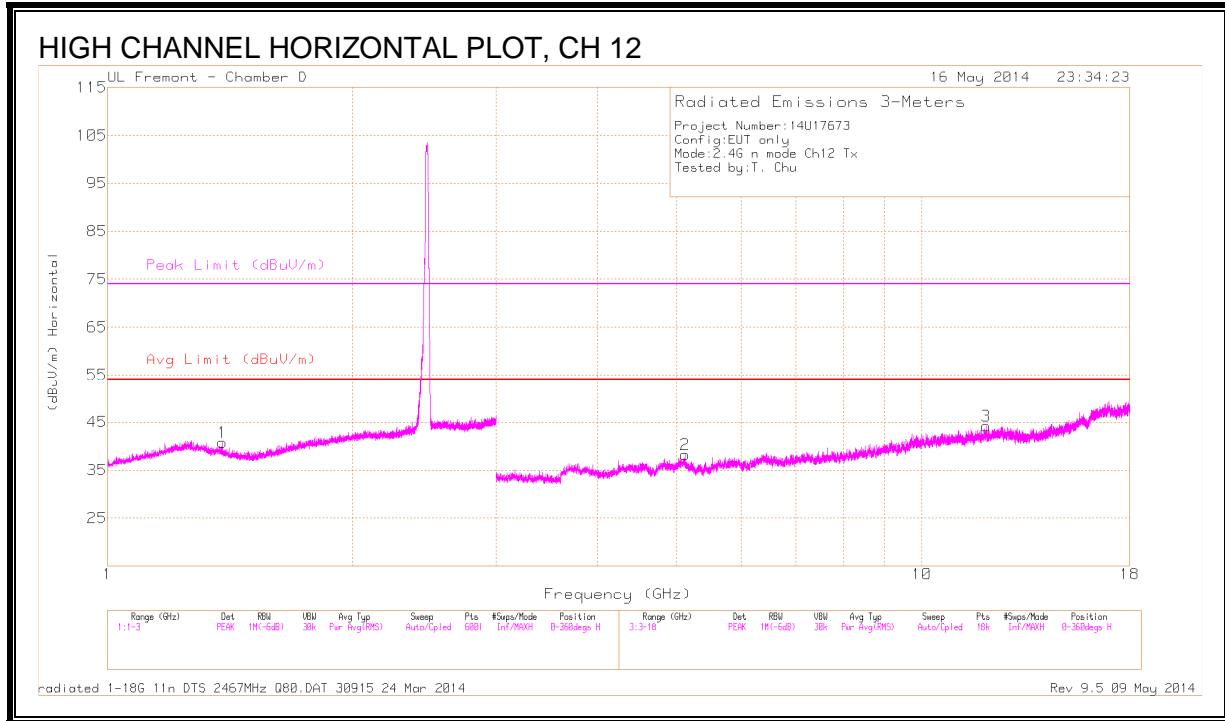
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.257	34.22	PK2	29.5	-22.1	0	41.62	-	-	74	-32.38	0	100	H
	* 1.258	30.46	MAv1	29.5	-22	.1	38.06	54	-15.94	-	-	0	100	H
2	* 8.415	28.17	PK2	35.4	-23.6	0	39.97	-	-	74	-34.03	0	100	H
	* 8.413	24.84	MAv1	35.4	-23.6	.1	36.74	54	-17.26	-	-	0	100	H
3	* 12.44	27.07	PK2	38.5	-21.7	0	43.87	-	-	74	-30.13	0	100	H
	* 12.438	23.81	MAv1	38.5	-21.7	.1	40.71	54	-13.29	-	-	0	100	H
4	* 1.561	34.02	PK2	27.5	-21.6	0	39.92	-	-	74	-34.08	0	100	V
	* 1.56	30.03	MAv1	27.5	-21.6	.1	36.03	54	-17.97	-	-	0	100	V
5	* 4.726	31.31	PK2	33.5	-28.6	0	36.21	-	-	74	-37.79	0	100	V
	* 4.727	28.11	MAv1	33.5	-28.6	.1	33.11	54	-20.89	-	-	0	100	V
6	* 11.1	27.26	PK2	37.5	-21.1	0	43.66	-	-	74	-30.34	0	100	V
	* 11.099	23.96	MAv1	37.5	-21	.1	40.56	54	-13.44	-	-	0	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH12, 2467 HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/FI tr/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	* 1.382	34.22	PK2	28.2	-21.8	40.62	-	-	74	-33.38	0	100	H
	* 1.383	30.23	MAv1	28.2	-21.8	36.63	54	-17.37	-	-	0	100	H
2	* 5.12	30.3	PK2	33.6	-26.7	37.2	-	-	74	-36.8	0	100	H
	* 5.12	26.91	MAv1	33.6	-26.7	33.81	54	-20.19	-	-	0	100	H
3	* 11.986	27.17	PK2	38.2	-20.7	44.67	-	-	74	-29.33	0	100	H
	* 11.985	23.91	MAv1	38.2	-20.7	41.41	54	-12.59	-	-	0	100	H
4	* 1.008	34.54	PK2	26.2	-22.5	38.24	-	-	74	-35.76	0	100	V
	* 1.01	30.53	MAv1	26.2	-22.5	34.23	54	-19.77	-	-	0	100	V
5	* 4.821	29.96	PK2	33.5	-26.7	36.76	-	-	74	-37.24	0	100	V
	* 4.82	26.69	MAv1	33.5	-26.8	33.39	54	-20.61	-	-	0	100	V
6	* 11.096	27.37	PK2	37.5	-21	43.87	-	-	74	-30.13	0	100	V
	* 11.097	24.06	MAv1	37.5	-21	40.56	54	-13.44	-	-	0	100	V

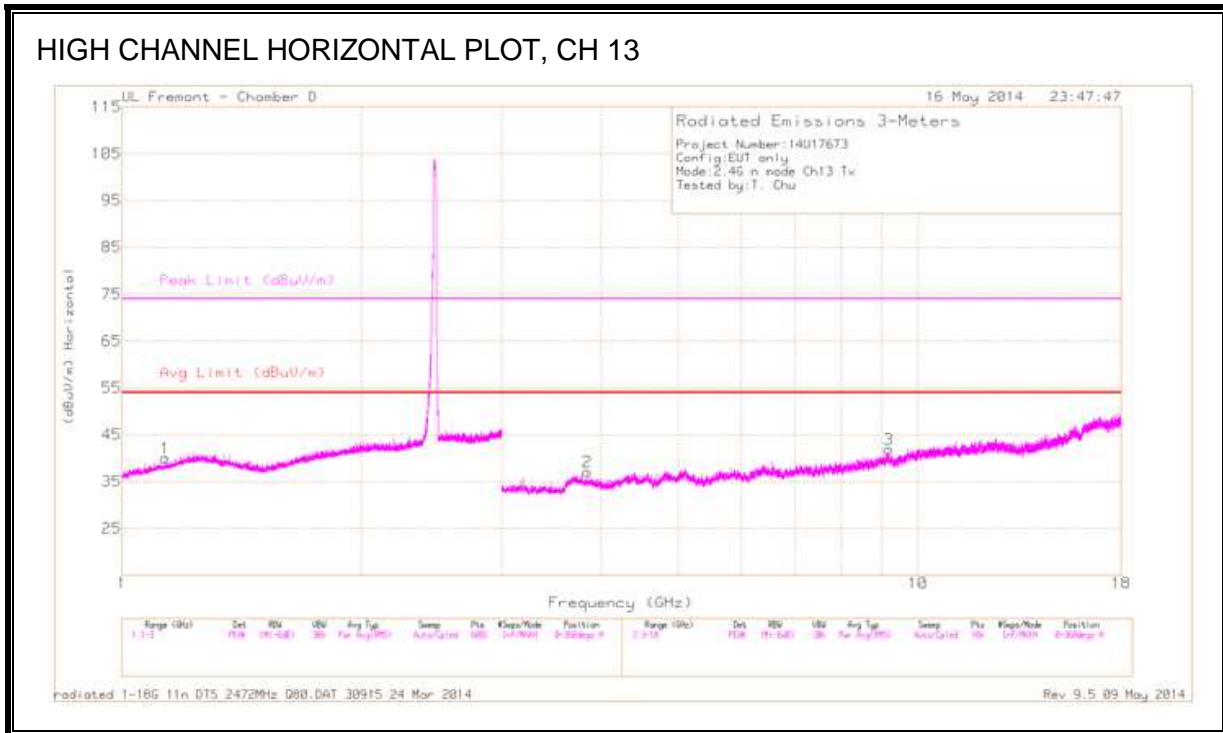
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

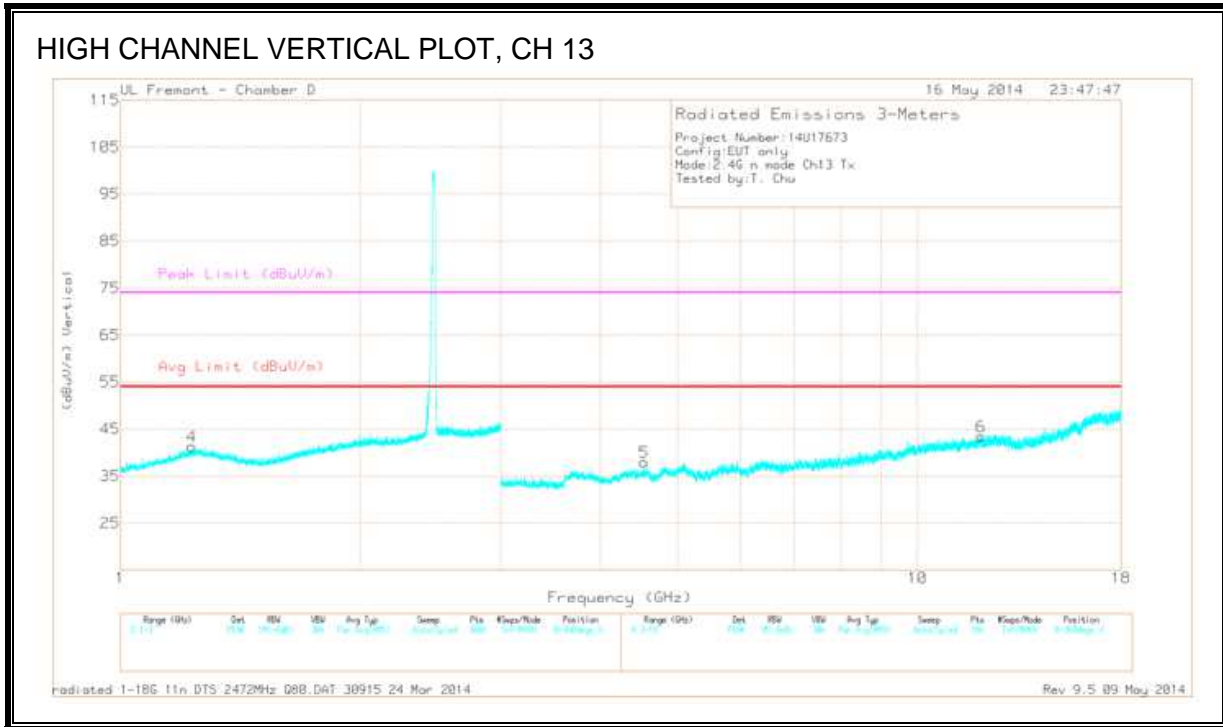
MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH13, 2472 HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL HORIZONTAL PLOT, CH 13



HIGH CHANNEL VERTICAL PLOT, CH 13



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.134	34.23	PK2	28	-22.3	39.93	-	-	74	-34.07	0	100	H
	* 1.134	30.38	MAv1	28	-22.3	36.08	54	-17.92	-	-	0	100	H
4	* 1.229	34.37	PK2	29.3	-22	41.67	-	-	74	-32.33	0	100	V
	* 1.229	30.32	MAv1	29.3	-22	37.62	54	-16.38	-	-	0	100	V
2	* 3.842	31.68	PK2	32.8	-28.7	35.78	-	-	74	-38.22	0	100	H
	* 3.843	28.31	MAv1	32.8	-28.7	32.41	54	-21.59	-	-	0	100	H
3	* 9.183	27.06	PK2	35.9	-21.2	41.76	-	-	74	-32.24	0	100	H
	* 9.184	23.74	MAv1	35.9	-21.2	38.44	54	-15.56	-	-	0	100	H
5	* 4.537	29.61	PK2	33.5	-26.5	36.61	-	-	74	-37.39	0	100	V
	* 4.537	26.42	MAv1	33.5	-26.5	33.42	54	-20.58	-	-	0	100	V
6	* 12.004	26.9	PK2	38.2	-20.7	44.4	-	-	74	-29.6	0	100	V
	* 12.004	23.63	MAv1	38.2	-20.7	41.13	54	-12.87	-	-	0	100	V

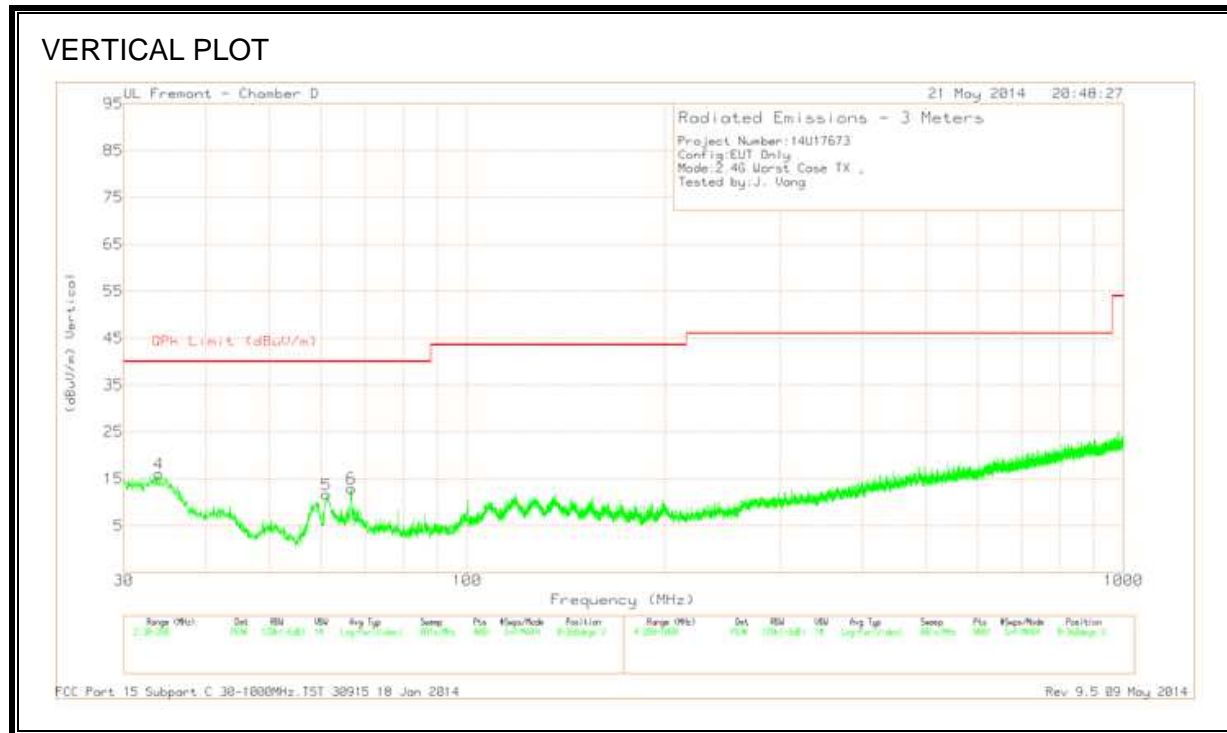
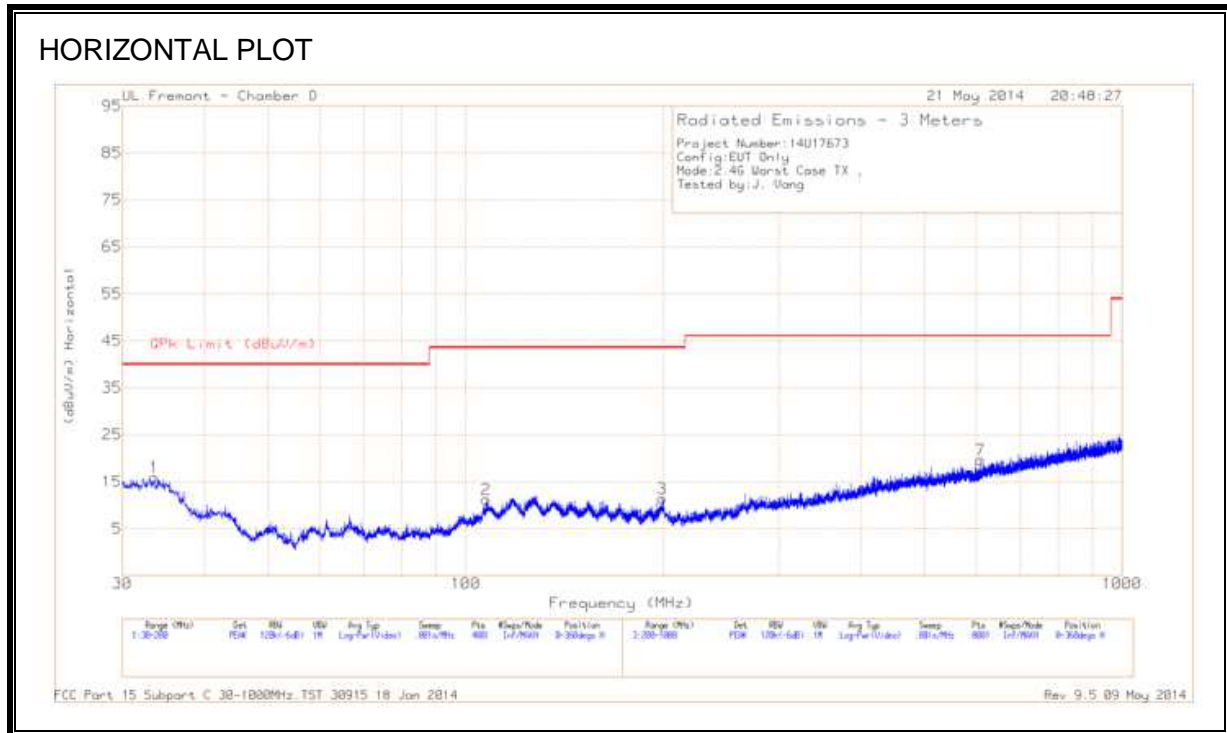
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

10.3. WORST-CASE BELOW 1 GHz

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



DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Hybrid	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7	* 608.4	30.38	PK	18.8	-29.6	19.58	46.02	-26.44	0-360	400	H
1	33.57	29.08	PK	18.8	-31.9	15.98	40	-24.02	0-360	98	H
4	33.9525	29.53	PK	18.5	-32	16.03	40	-23.97	0-360	100	V
5	61.11	35.68	PK	7.7	-31.8	11.58	40	-28.42	0-360	100	V
6	66.635	36.37	PK	8.2	-31.6	12.97	40	-27.03	0-360	100	V
2	107.5625	30.11	PK	12.2	-31.1	11.21	43.52	-32.31	0-360	200	H
3	199.3625	29.73	PK	12.4	-30.8	11.33	43.52	-32.19	0-360	200	H

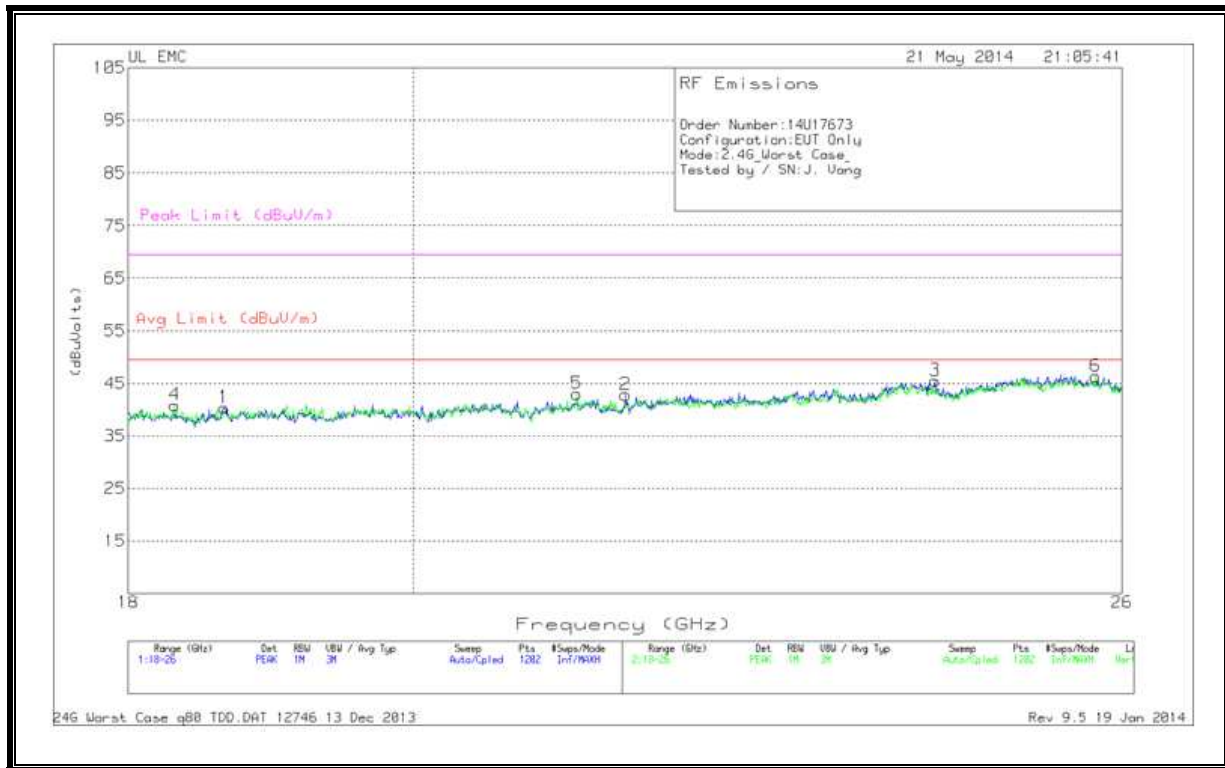
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

Note: highest power mode used for test.

10.4. WORST-CASE ABOVE 18 to 26GHz

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



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T89 (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	18.649	41.23	PK	32.5	-23.9	-9.5	40.3	49.5	-9.16	69.5	-29.1
2	21.637	42.73	PK	33.1	-23.5	-9.5	42.8	49.5	-6.66	69.5	-26.6
3	24.261	43.9	PK	33.8	-22.7	-9.5	45.5	49.5	-4	69.5	-24
4	18.313	42.63	PK	32.3	-24.6	-9.5	40.8	49.5	-8.66	69.5	-28.6
5	21.251	43.2	PK	33	-23.7	-9.5	43	49.5	-6.5	69.5	-26.5
6	25.747	44.83	PK	34.2	-23.2	-9.5	46.3	49.5	-3.167	69.5	-23.1

PK - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

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

* Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.4.

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

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

RESULTS

6 WORST EMISSIONS

Line-L1 .15 - 30MHz

Trace Markers										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1 (dB)	LC Cables 1&3 (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin to Limit (dB)	CISPR 22 Class B Avg	Margin to Limit (dB)
1	.168	49.44	PK	1.2	0	50.64	65.1	-14.46	-	-
2	.168	27.88	Av	1.2	0	29.08	-	-	55.1	-26.02
3	.7845	42.45	PK	.3	0	42.75	56	-13.25	-	-
4	.7845	27.95	Av	.3	0	28.25	-	-	46	-17.75
5	22.4835	45	PK	.3	.2	45.5	60	-14.5	-	-
6	22.4835	29.16	Av	.3	.2	29.66	-	-	50	-20.34

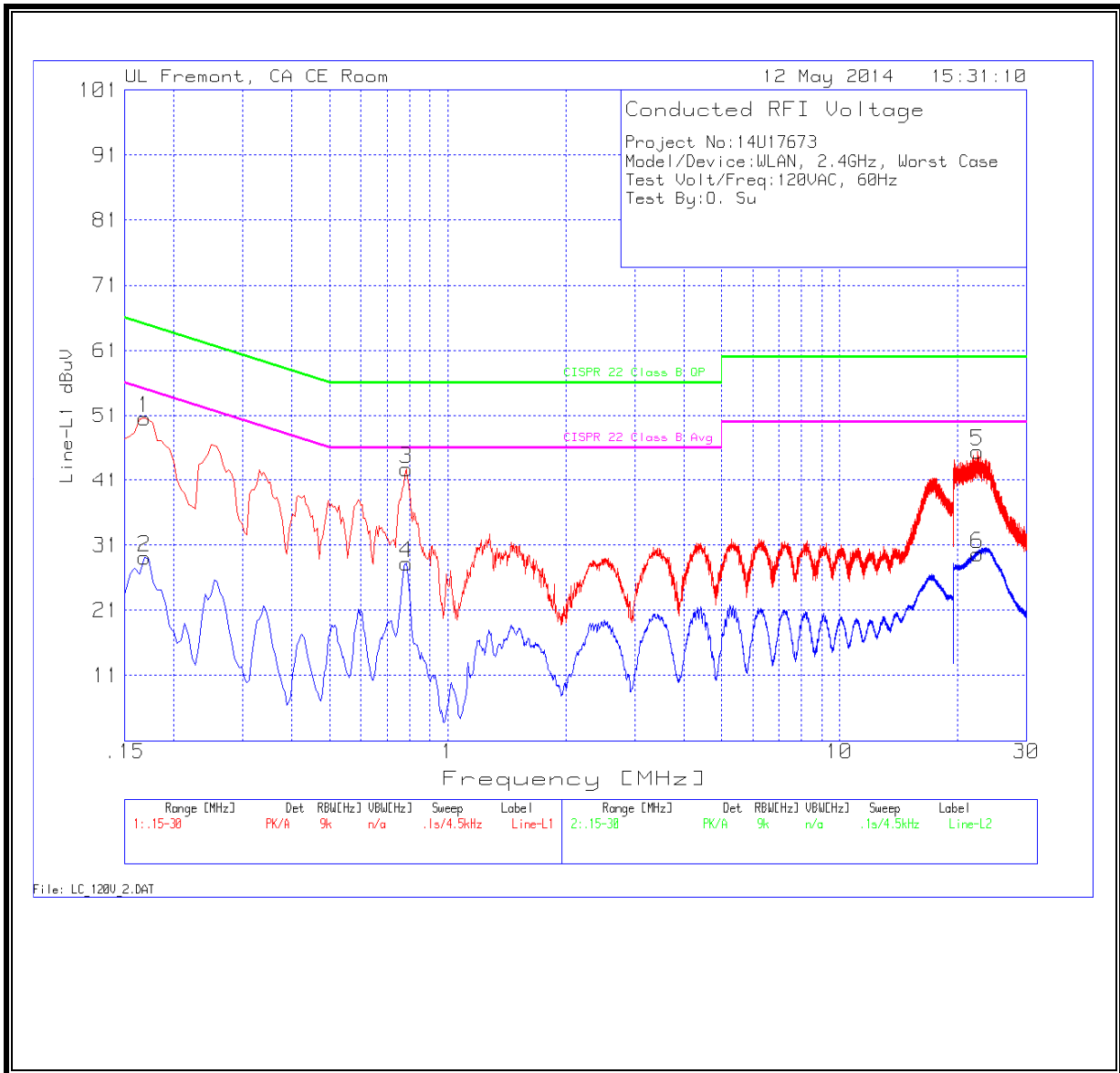
Line-L2 .15 - 30MHz

Trace Markers										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2 (dB)	LC Cables 2&3 (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin to Limit (dB)	CISPR 22 Class B Avg	Margin to Limit (dB)
7	.1635	56.15	PK	1.3	0	57.45	65.3	-7.85	-	-
8	.1635	42.62	Av	1.3	0	43.92	-	-	55.3	-11.38
9	.8025	43.05	PK	.3	0	43.35	56	-12.65	-	-
10	.8025	19.82	Av	.3	0	20.12	-	-	46	-25.88
11	16.9305	44.5	PK	.3	.2	45	60	-15	-	-
12	16.9305	31.29	Av	.3	.2	31.79	-	-	50	-18.21

PK - Peak detector

Av - average detection

LINE 1 RESULTS



LINE 2 RESULTS

