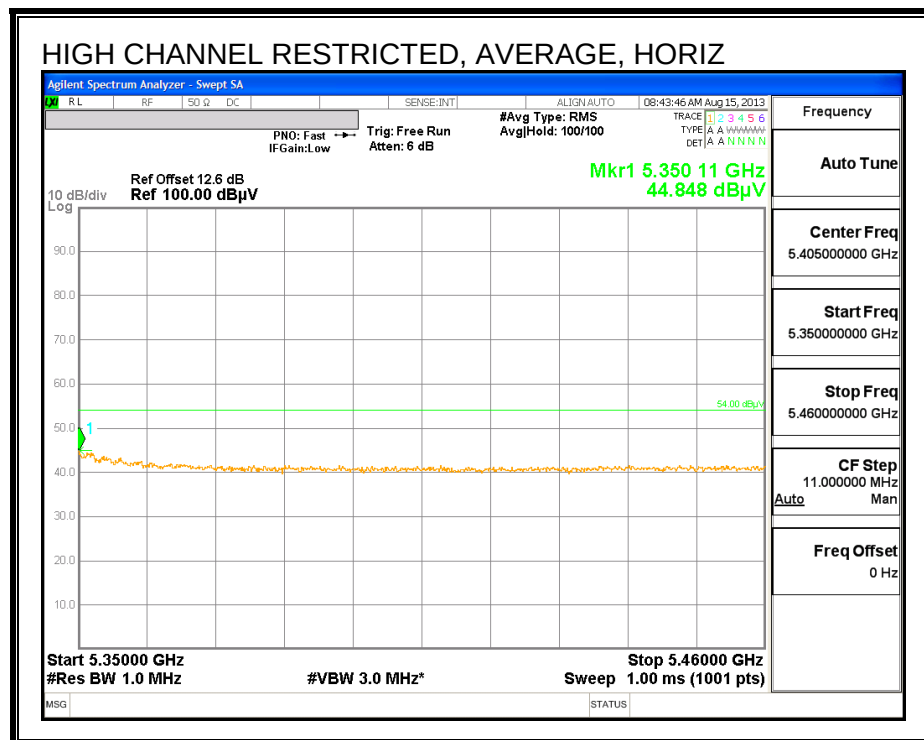
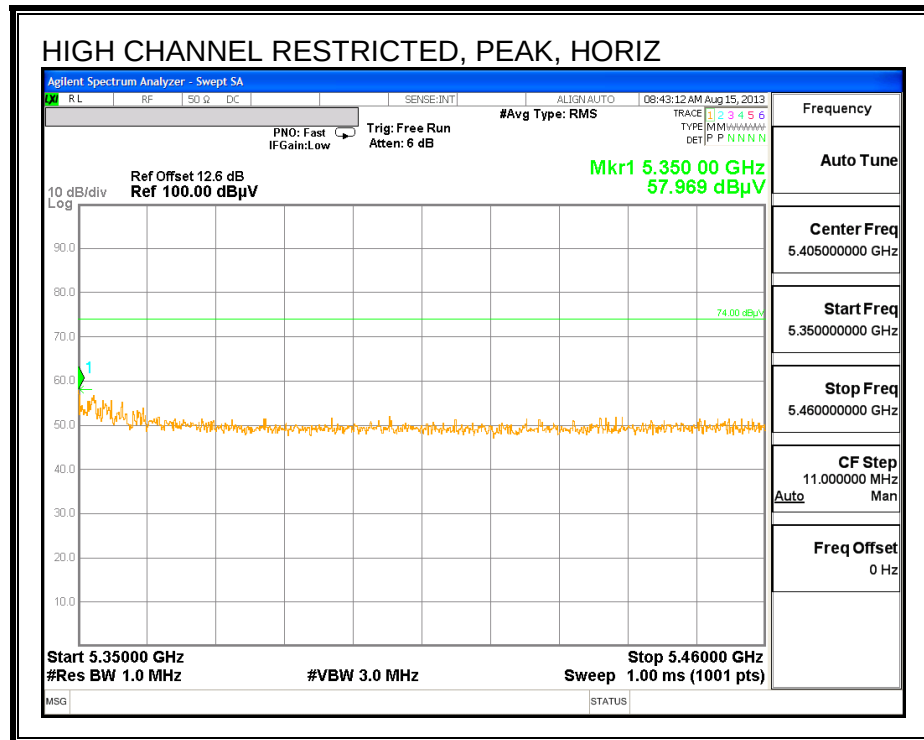
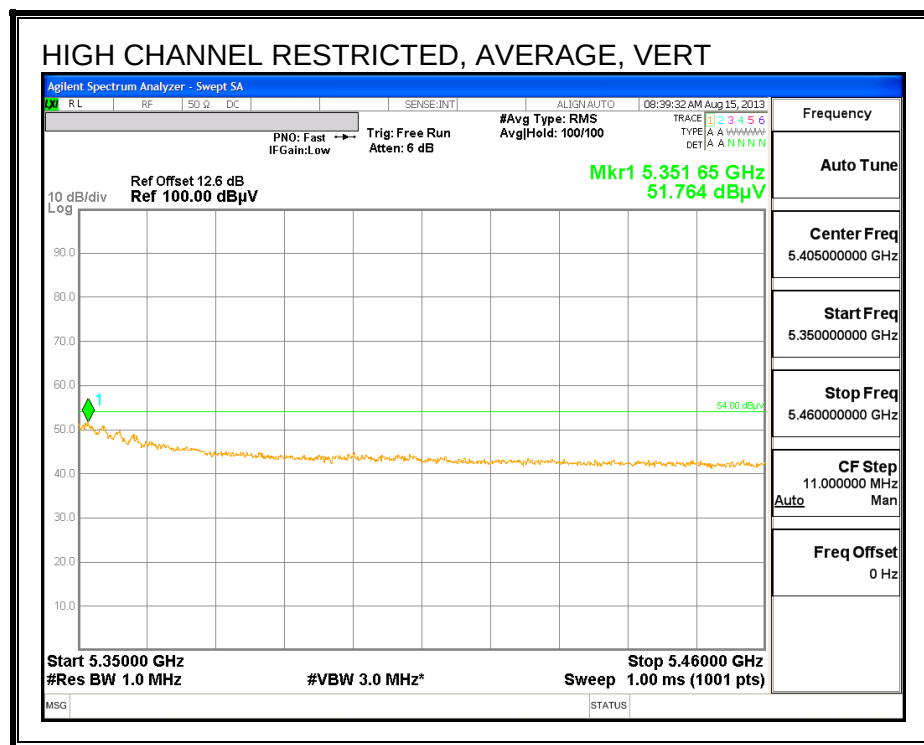
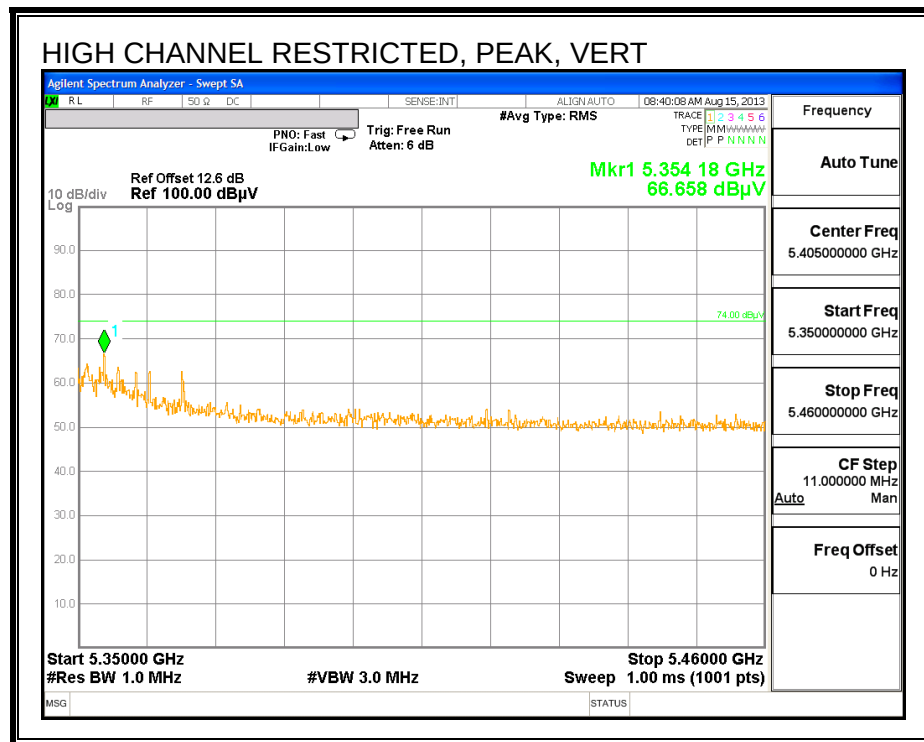
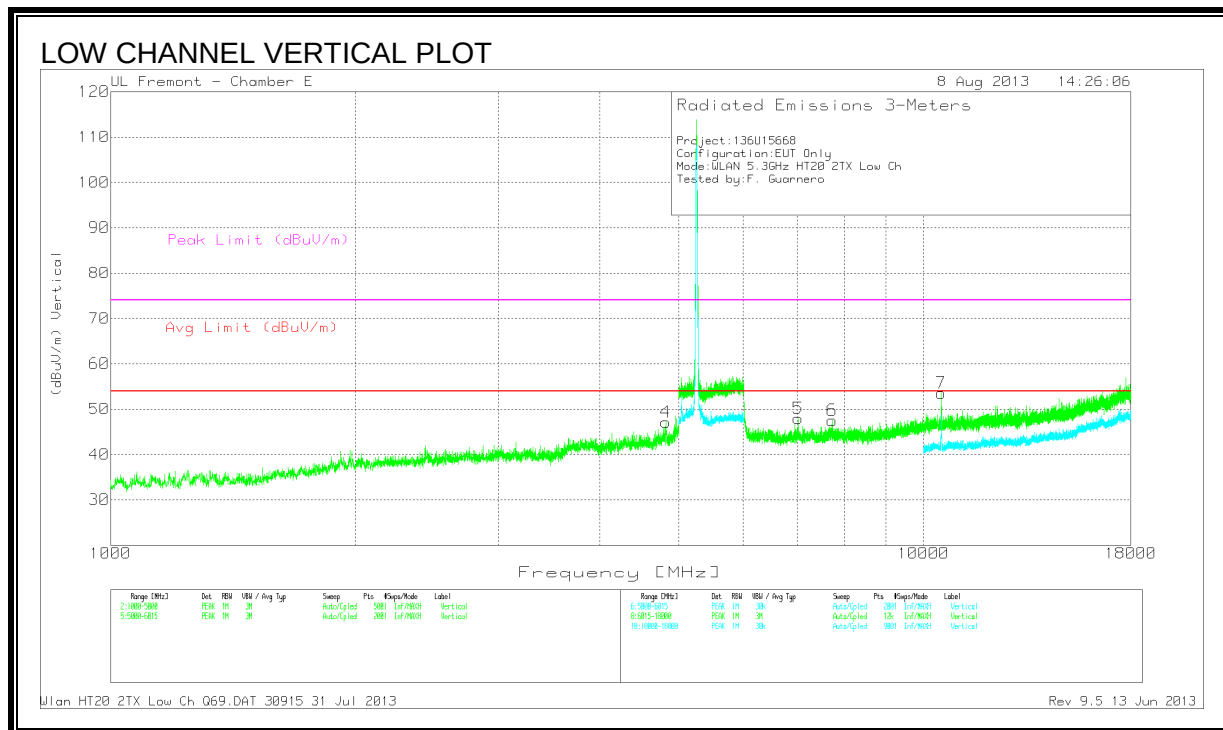
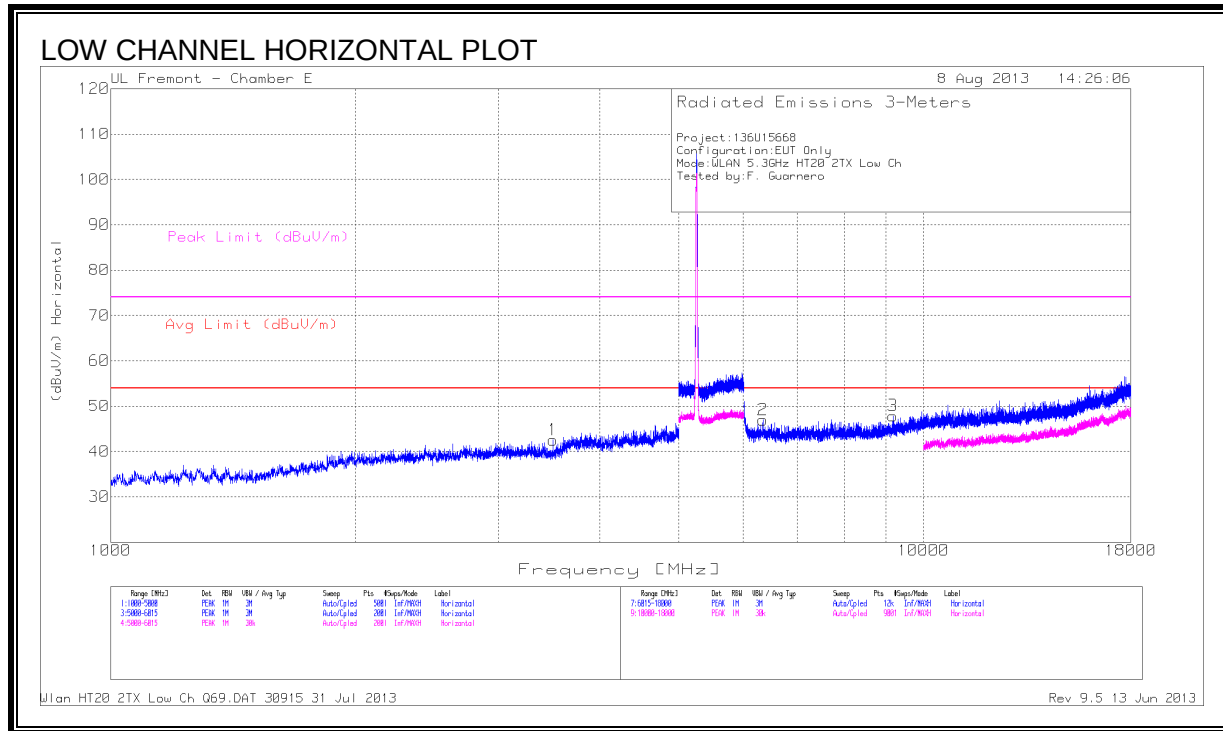


10.2.6. TX ABOVE 1 GHz 802.11n HT20 2TX CDD MODE IN THE 5.3 GHz BAND

RESTRICTED BANEDGE (HIGH CHANNEL)





HARMONICS AND SPURIOUS EMISSIONS

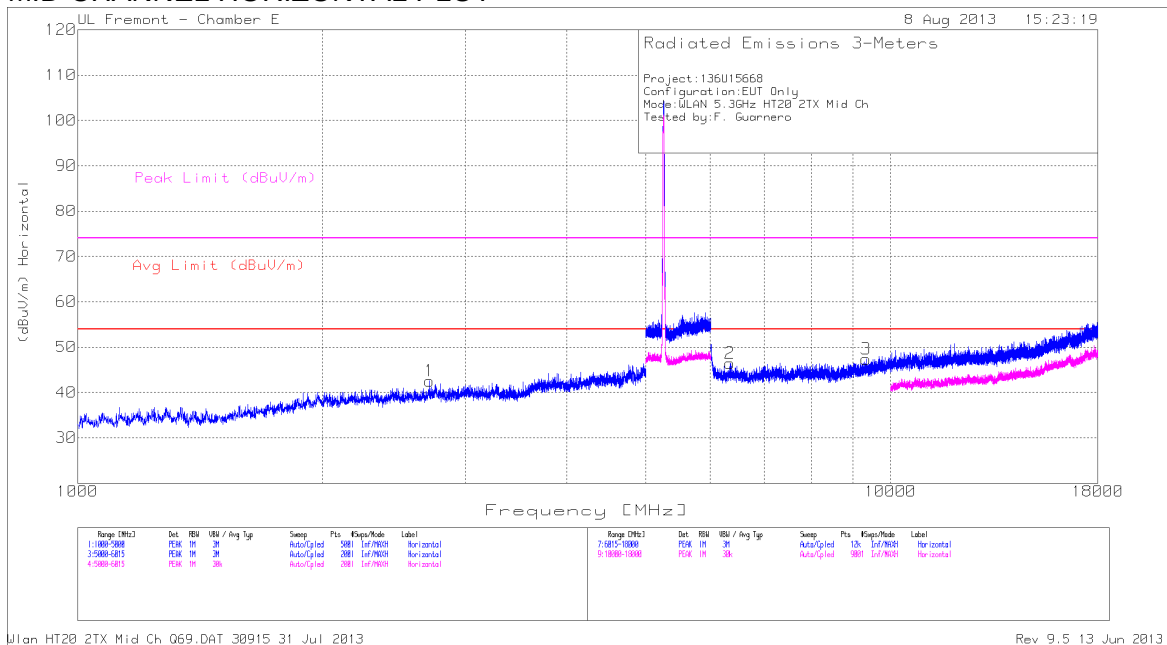
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl 5GHz LPF dB	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
1	*3.503	42.47	PK	33.1	-33	0	42.57	-	-	68.2	-25.63	199	H
2	*6.35	40.2	PK	35.9	-29.1	0	47	-	-	68.2	-21.2	100	H
3	9.174	37.85	PK	37	-27	0	47.85	53.97	-6.12	74	-26.15	100	H
4	4.822	43.43	PK	34.4	-30.7	0	47.13	53.97	-6.84	74	-26.87	200	V
5	7.014	41.06	PK	36	-29.1	0	47.96	53.97	-6.01	74	-26.04	200	V
6	7.724	40	PK	36.2	-28.7	0	47.5	53.97	-6.47	74	-26.5	100	V
7	*10.519	40.53	PK	38.4	-25.4	0	53.53	-	-	68.2	-14.67	200	V

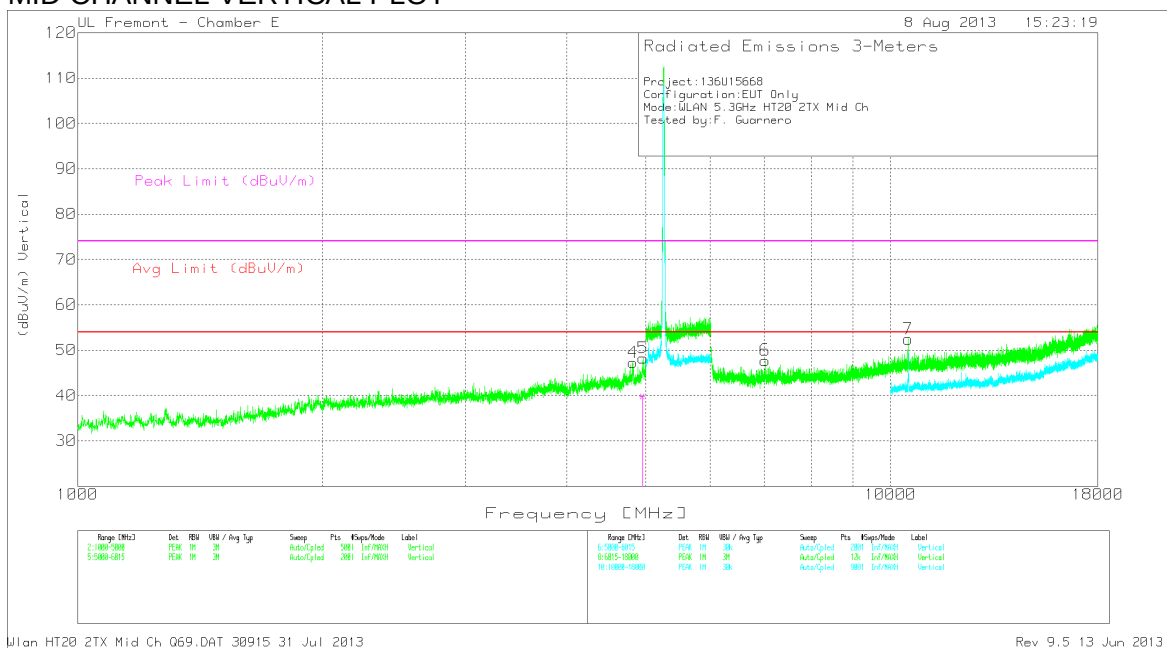
PK - Peak detector

*Not in Restricted Band

MID CHANNEL HORIZONTAL PLOT



MID CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl 5GHz LPF dB	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV /m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
1	2.71	42.44	PK	33.1	-33	0	42.54	53.97	-11.43	74	-31.46	213	H
4	4.823	43.58	PK	34.4	-30.7	0	47.28	53.97	-6.69	74	-26.72	200	V
5	4.962	43.63	PK	34.4	-30.8	0	47.23	-	-	74	-25.77	200	V

PK - Peak detector

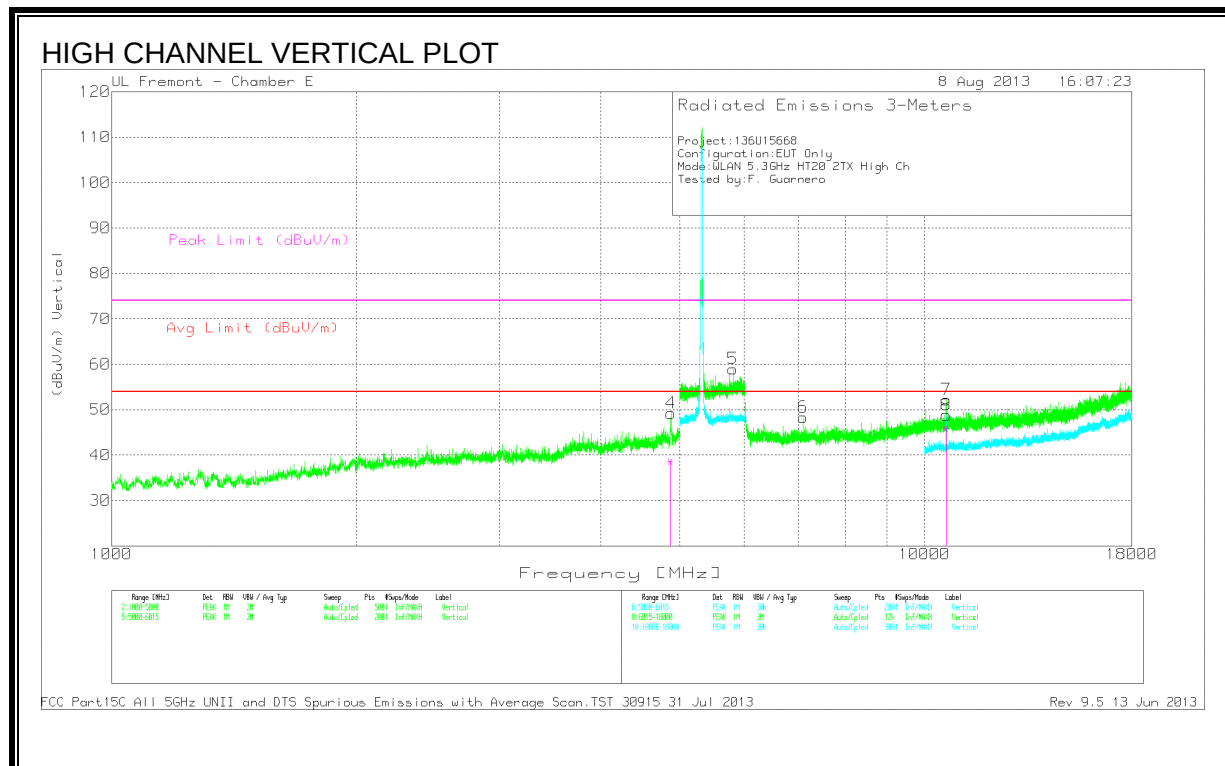
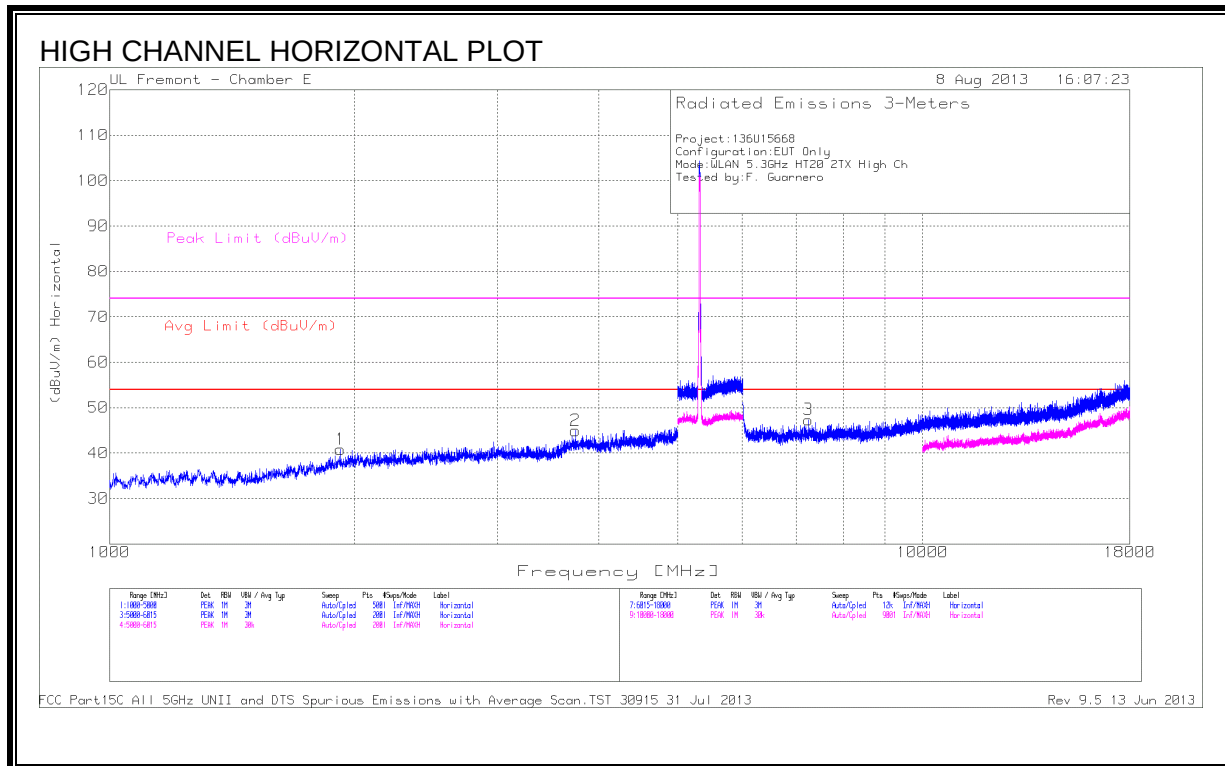
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /6GHz HPF (dB)	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV /m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
2	*6.35	39.64	PK	35.9	-29.1	0	46.44	-	-	68.2	-21.76	100	H
3	9.337	36.07	PK	37.2	-25.9	0	47.37	53.97	-6.6	74	-26.63	100	H
6	*7.014	40.83	PK	36	-29.1	0	47.73	-	-	68.2	-20.83	199	V
7	*10.517	39.46	PK	38.4	-25.4	0	52.46	-	-	68.2	-15.74	199	V

PK - Peak detector

*Not in Restricted Band

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl 5GHz LPF dB	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4.961	36.06	RMS	34.4	-30.8	.1	39.76	53.97	-14.21	-	-	287	220	V

RMS - RMS detection



DATA

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl 5GHz LPF dB	DC Corr [dB]	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
1	*1.923	42.79	PK	31.6	-33.6	0	40.79	-	-	68.2	-27.22	100	H
2	3.743	43.98	PK	33.7	-32.7	0	44.98	53.97	-8.99	74	-29.02	200	H
3	*7.239	40.7	PK	36	-29.4	0	47.3	-	-	68.2	-20.7	100	H
4	4.878	45.81	PK	34.4	-31	0	49.21	-	-	74	-24.79	199	V
5	*5.816	44.87	PK	35.5	-21.4	0	58.97	-	-	68.2	-9.23	199	V
6	*7.094	41.72	PK	36	-29.4	0	48.32	-	-	68.2	-19.88	199	V
7	10.641	39.44	PK	38.5	-25.8	0	52.14	-	-	74	-21.86	100	V
8	10.643	35.12	PK (VB)	38.5	-25.8	0	47.82	53.97	-6.15	-	-	199	V

PK - Peak detector

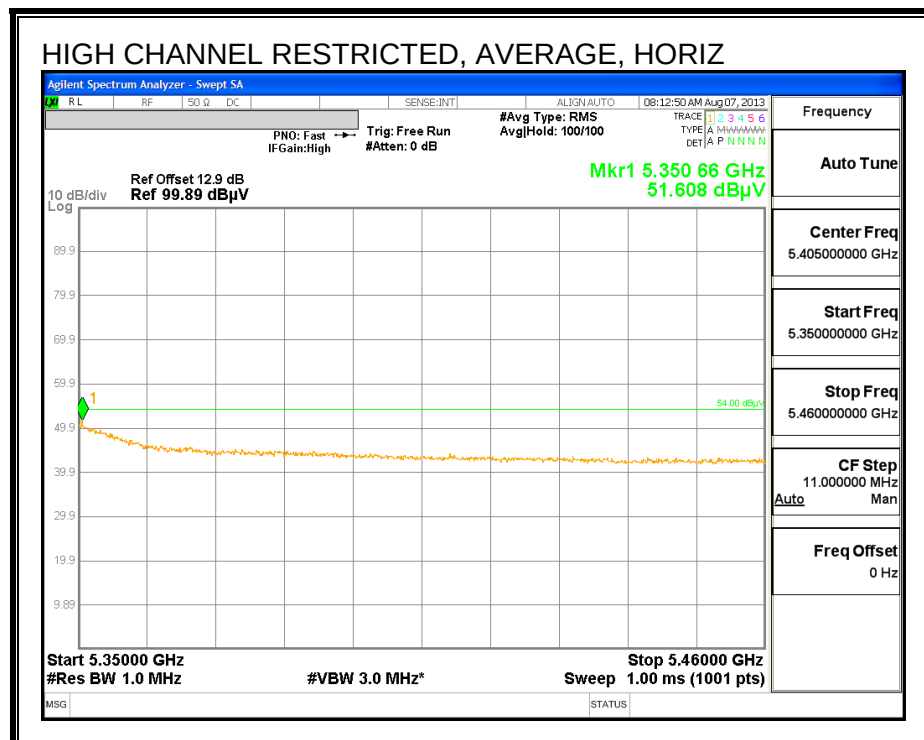
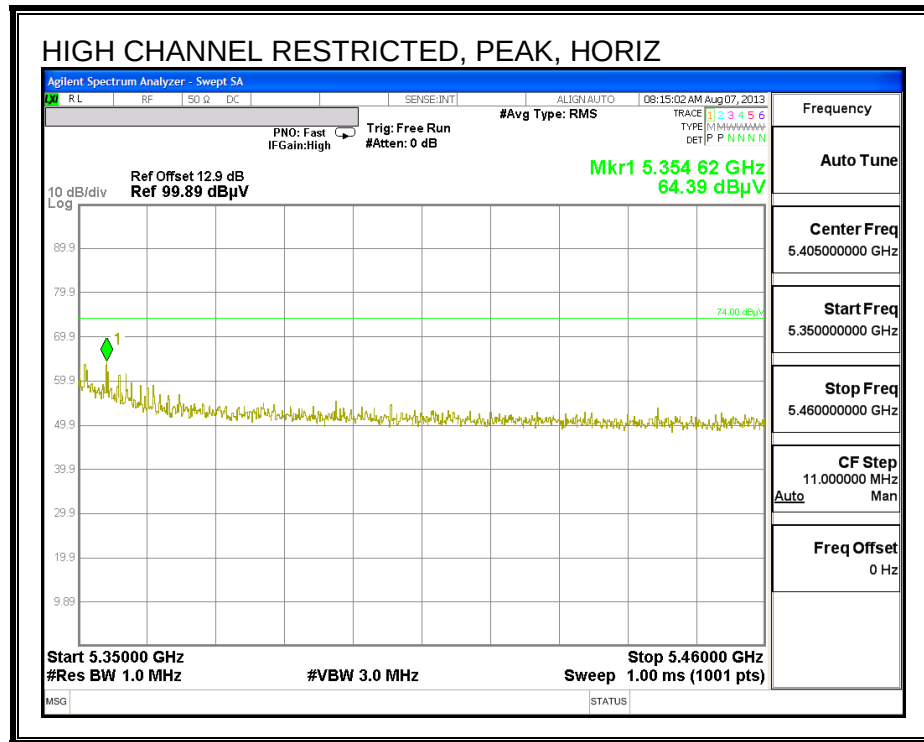
*Not in Restricted Band

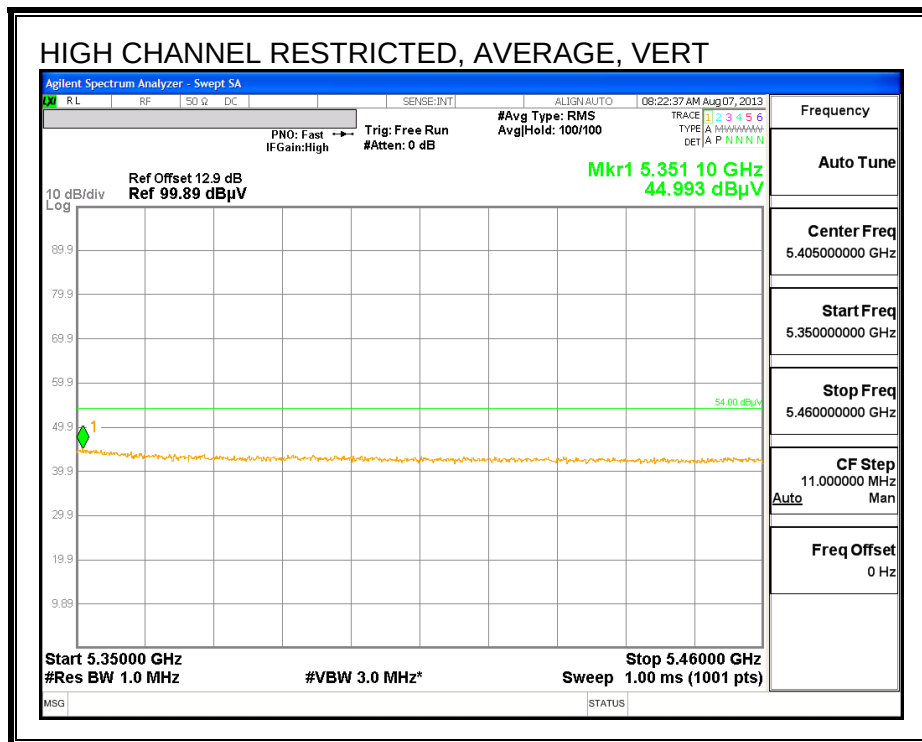
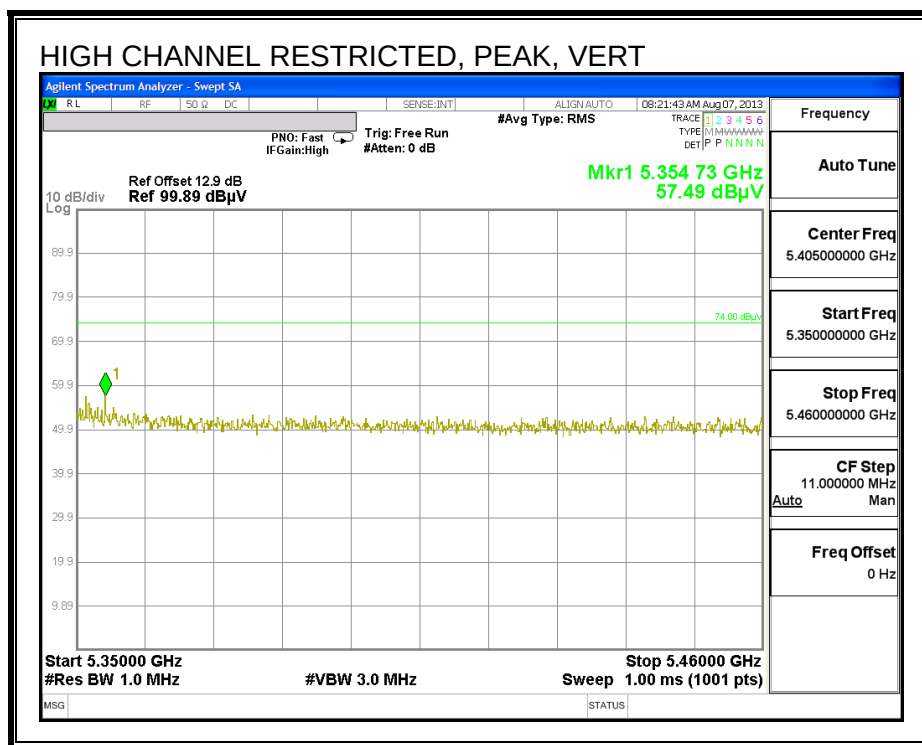
Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl 5GHz LPF dB	DC Corr [dB]	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4.877	35.04	RMS	34.4	-31	.1	38.54	53.97	-15.43	-	-	0	193	V
10.639	33.06	RMS	38.5	-25.8	.1	45.86	53.97	-8.11	-	-	196	167	V

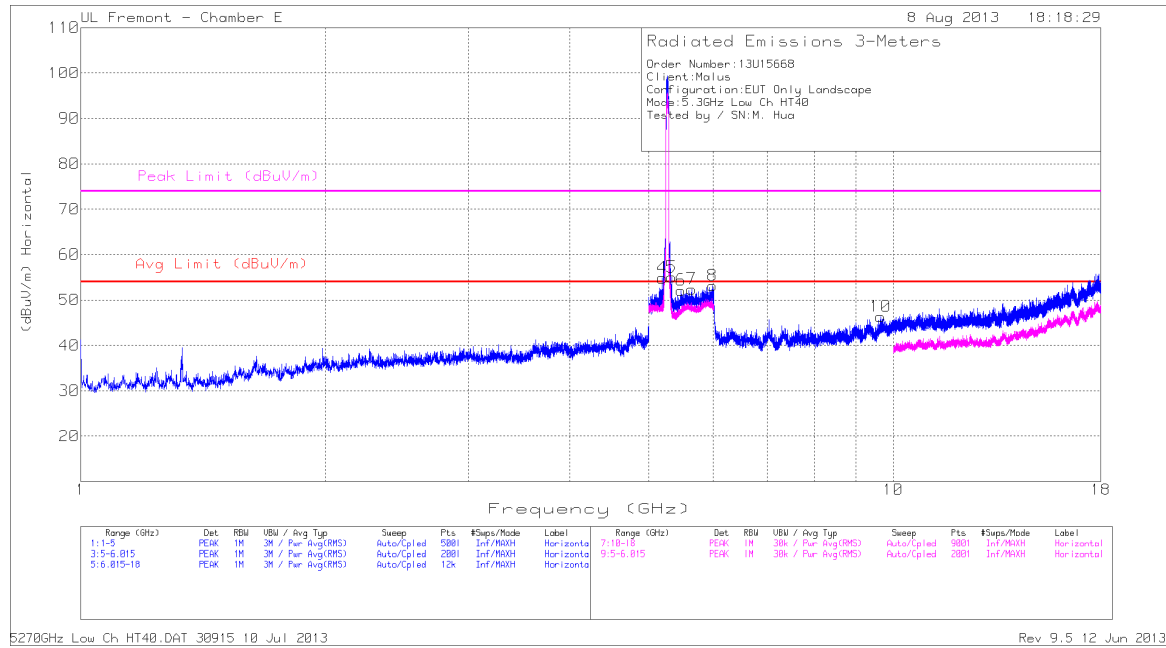
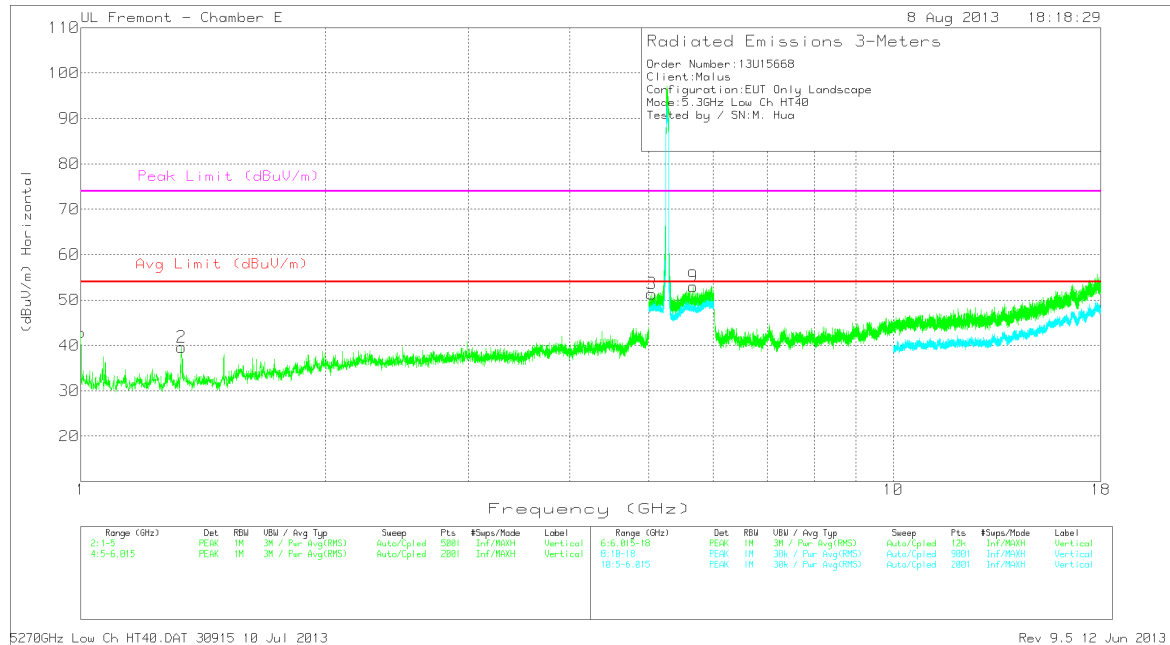
RMS - RMS detection

10.2.7. TX ABOVE 1 GHz 802.11n HT40 SISO MODE IN THE 5.3 GHz BAND

ESTRICTED BANDEDGE (HIGH CHANNEL)





HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL HORIZONTAL PLOT****LOW CHANNEL VERTICAL PLOT**

DATA

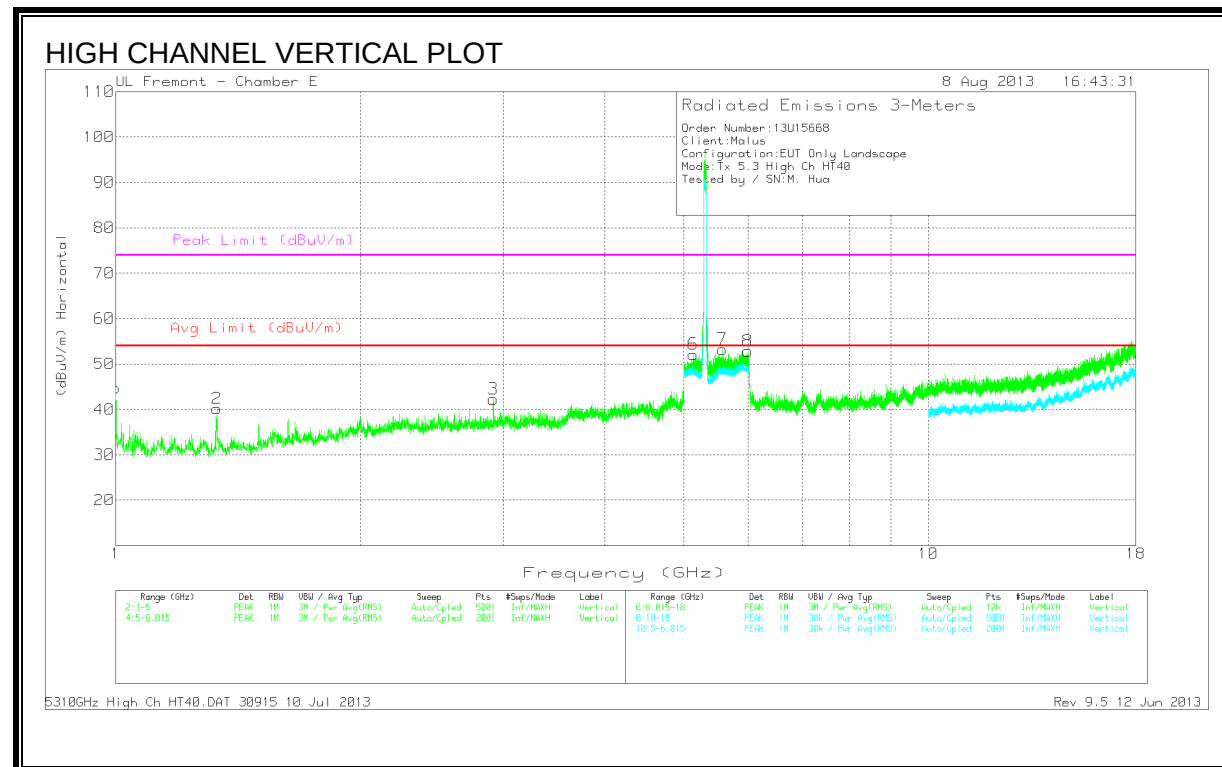
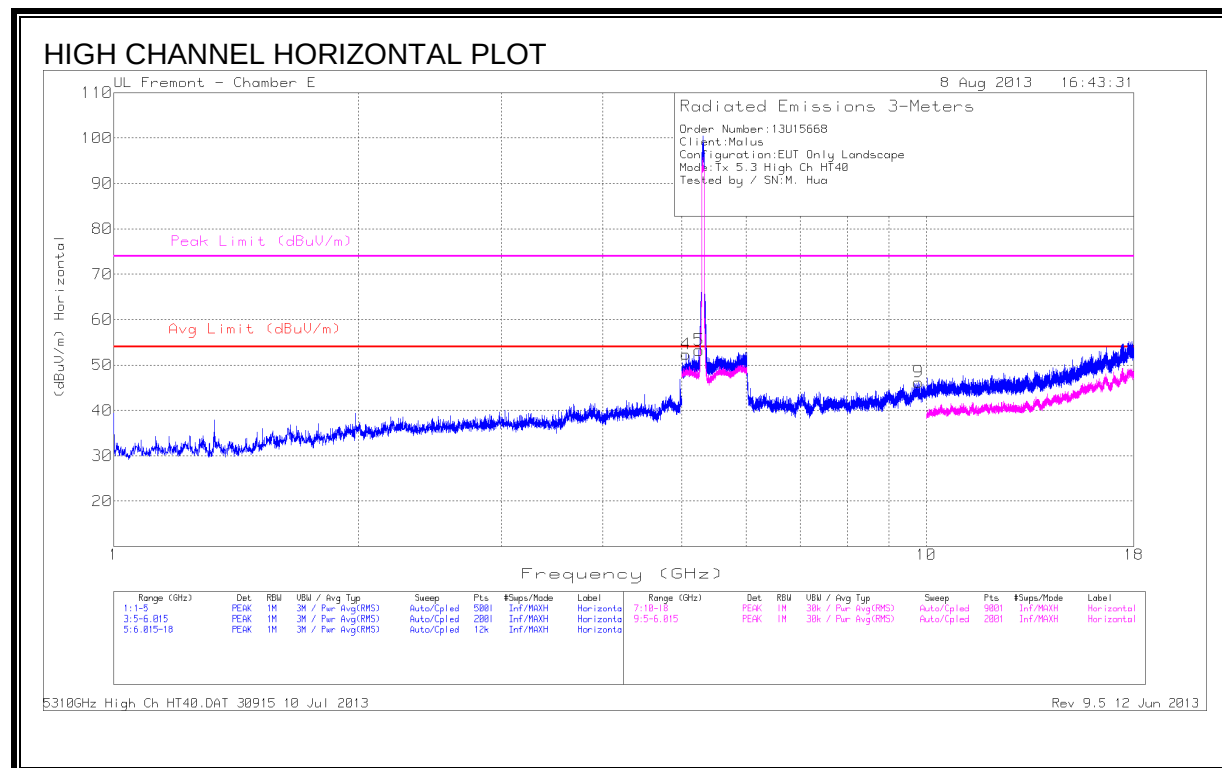
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Av Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.0	50.75	PK	27.7	-35.6	42.85	53.97	-11.12	74	-31.15	0-360	201	V
1.331	45.77	PK	28.5	-34.7	39.57	53.97	-14.4	74	-34.43	0-360	201	V
*5.196	41.87	PK	34.6	-21.6	54.87	-	-	68.2	-13.33	0-360	100	H
*5.337	42.43	PK	34.7	-22.1	55.03	-	-	68.2	-12.90	0-360	201	H
*5.649	38.81	PK	35.1	-21.5	52.41	-	-	68.2	-15.79	0-360	100	H
*5.991	38.37	PK	35.7	-20.9	53.17	-	-	68.2	-15.03	0-360	100	H
5.043	39.17	PK	34.4	-22.2	51.37	-	-	74	-22.63	0-360	100	V
*5.67	39.36	PK	35.1	-21.5	52.96	-	-	68.2	-15.24	0-360	201	V
*9.647	35.14	PK	37.3	-26.1	46.34	-	-	68.2	-21.86	0-360	201	H

PK - Peak detector

*Not in Restricted Band

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Av Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5.038	28.56	MAV1	34.4	-22.2	40.76	53.97	-13.21	-	-	3	339	V

MAV1 - KDB558074 v02 10.2.3.2/8.2.1 Option 1 Maximum RMS Average



DATA

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Av Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.0	52.63	PK	27.7	-35.6	44.73	53.97	-9.24	74	-29.27	0-360	201	V
1.333	46.38	PK	28.5	-34.7	40.18	53.97	-13.79	74	-33.82	0-360	201	V
*2.916	42.76	PK	33	-33.5	42.26	-	-	68.2	-25.94	0-360	100	V
5.061	40.07	PK	34.4	-22.1	52.37	-	-	74	-21.63	0-360	201	H
*5.251	40.15	PK	34.7	-21.6	53.25	-	-	68.2	-14.95	0-360	100	H
5.137	39.31	PK	34.5	-21.7	52.11	-	-	74	-21.89	0-360	100	V
*5.582	39.62	PK	35	-21.4	53.22	-	-	68.2	-14.98	0-360	100	V
*9.78	34.72	PK	37.5	-26	46.22	-	-	68.2	-21.98	0-360	201	H

PK - Peak detector

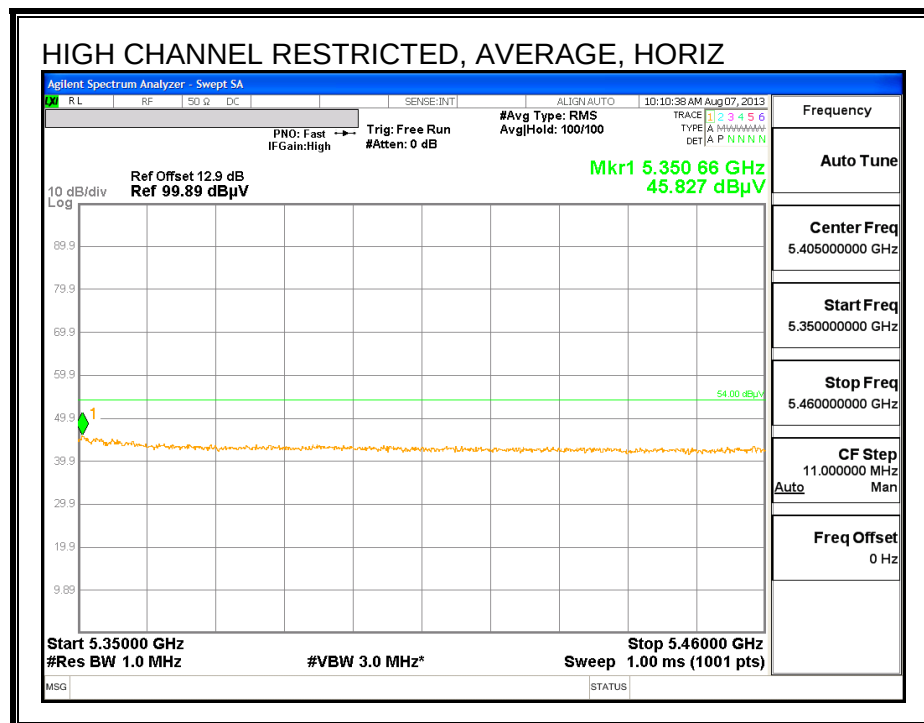
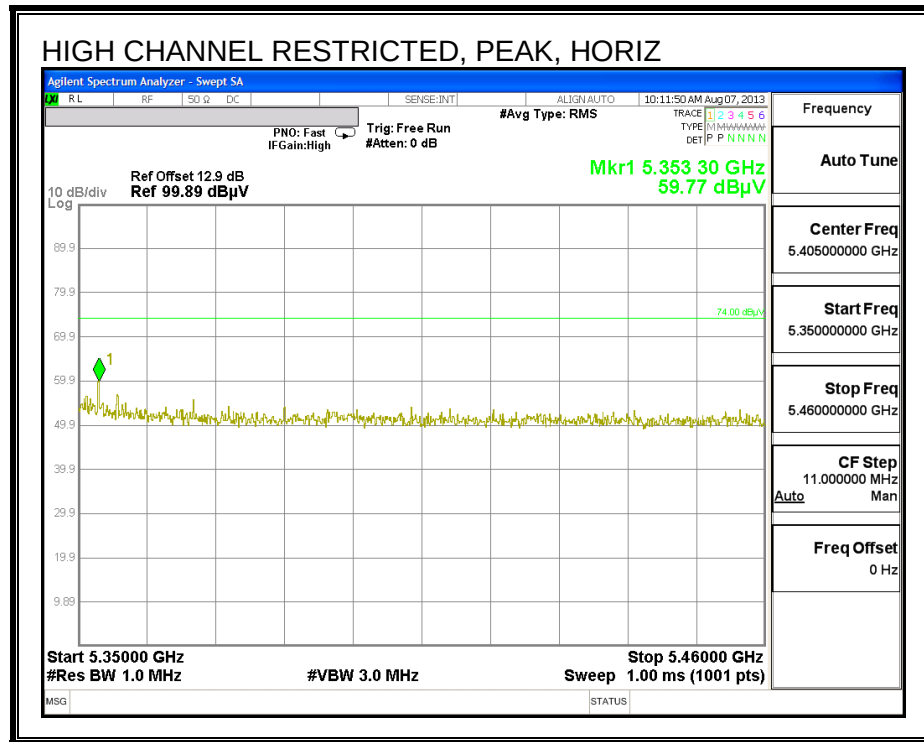
*Not in Restricted Band

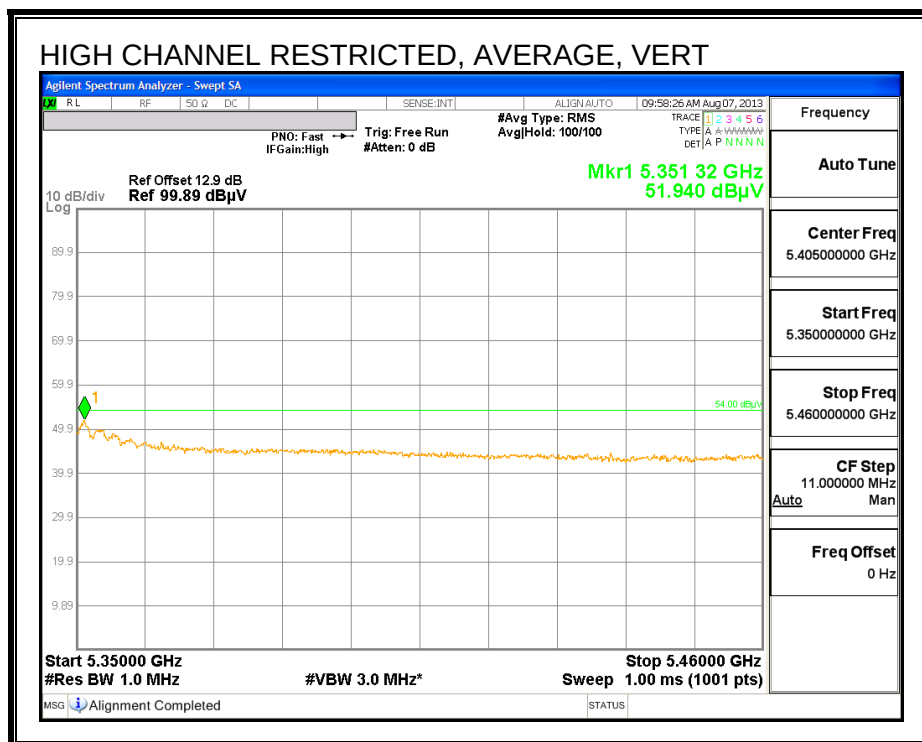
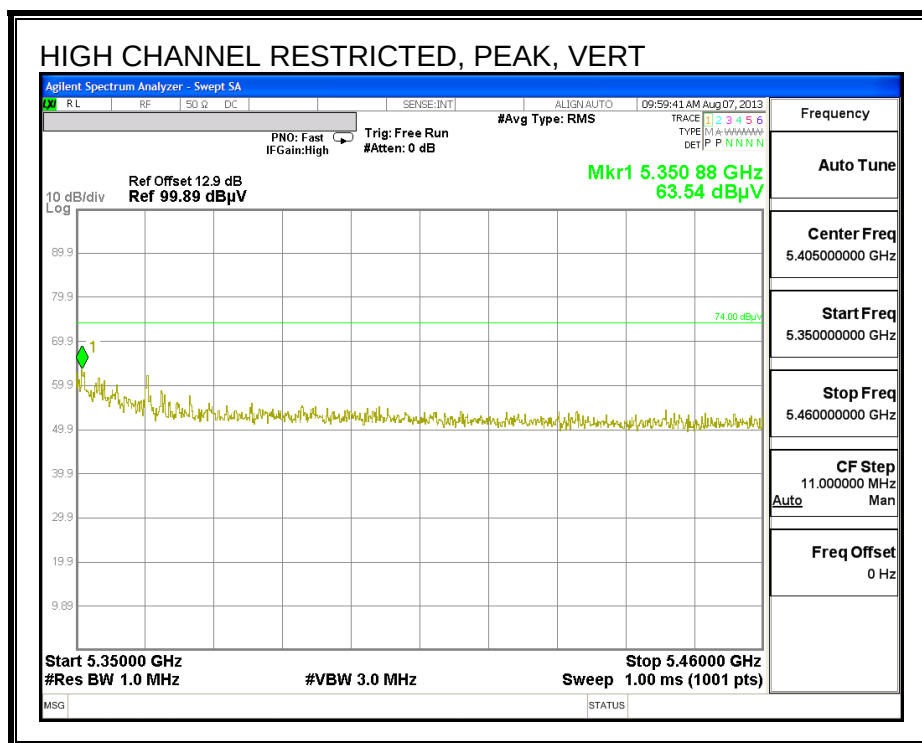
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Av Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5.06	28.52	MAv1	34.4	-22.1	40.82	53.97	-13.15	-	-	257	224	H
5.145	28.5	MAv1	34.5	-21.6	41.4	53.97	-12.57	-	-	219	396	V

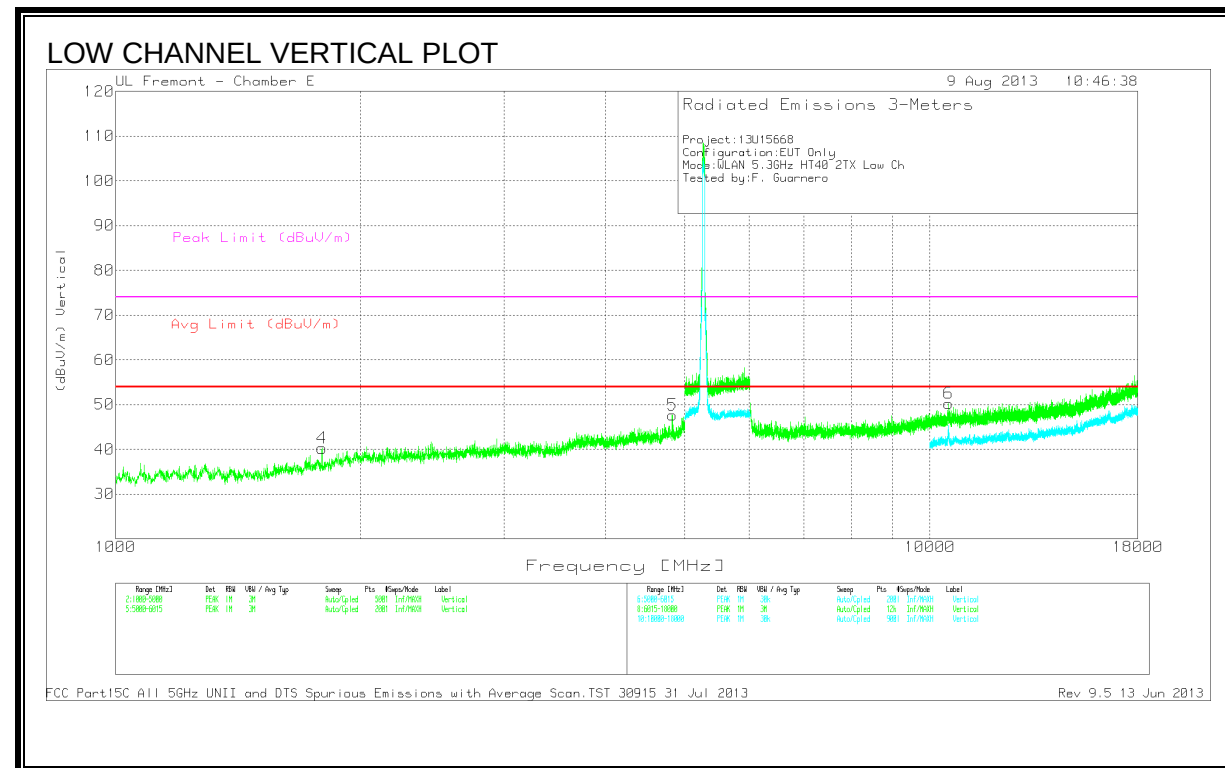
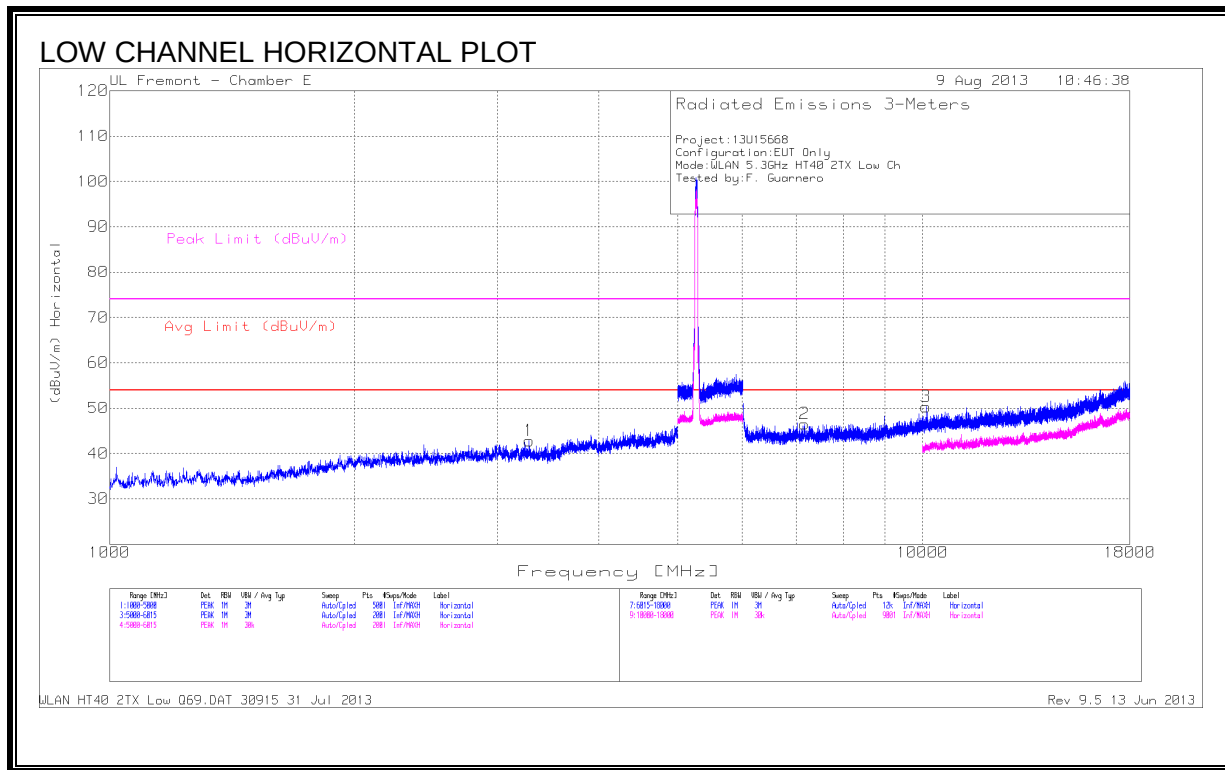
MAv1 - KDB558074 v02 10.2.3.2/8.2.1 Option 1 Maximum RMS Average

10.2.8. TX ABOVE 1 GHz 802.11n HT40 2TX CDD MODE IN THE 5.3 GHz BAND

ESTRICTED BANDEDGE (HIGH CHANNEL)





HARMONICS AND SPURIOUS EMISSIONS

DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl 5GHz LPF dB	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
1	*3.282	41.94	PK	33.4	-32.5	0	42.84	-	-	68.2	-25.36	100	H
2	*7.162	40.13	PK	36	-29.6	0	46.53	-	-	68.2	-21.67	100	H
3	*10.107	37.53	PK	38.2	-25.4	0	50.33	-	-	68.2	-17.87	100	H

PK - Peak detector

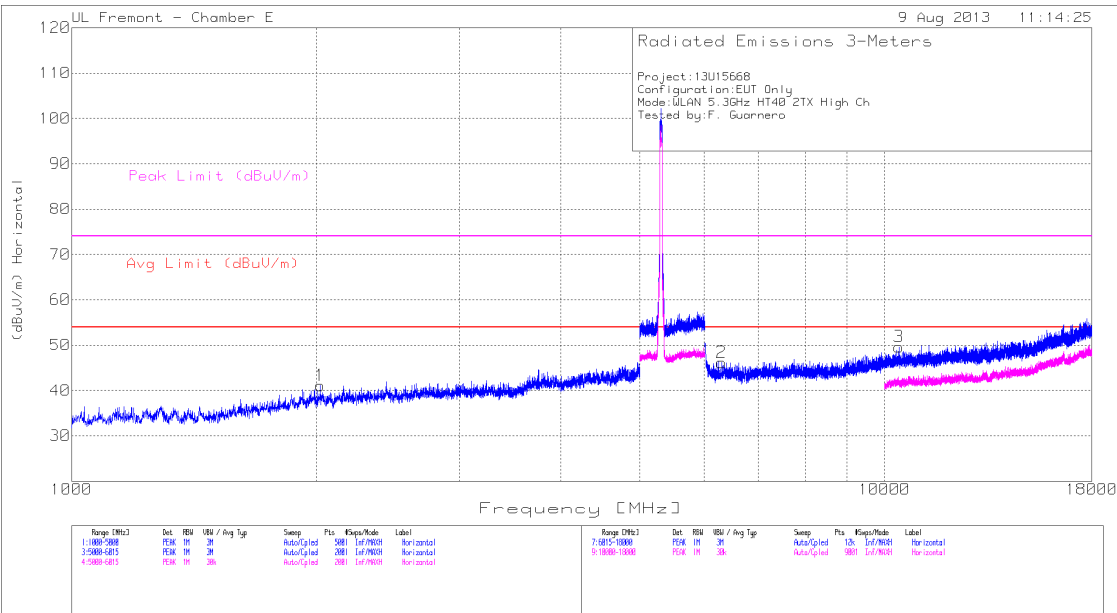
*Not in Restricted Band

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /6GHz HPF (dB)	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
5	4.832	44.07	PK	34.4	-30.8	0	47.67	53.97	-6.3	74	-26.33	199	V
4	*1.793	44.17	PK	30.8	-34.7	0	40.27	-	-	68.2	-27.93	100	V
6	*10.539	37.48	PK	38.4	-25.6	0	50.28	-	-	68.2	-17.92	100	V

PK - Peak detector

*Not in Restricted Band

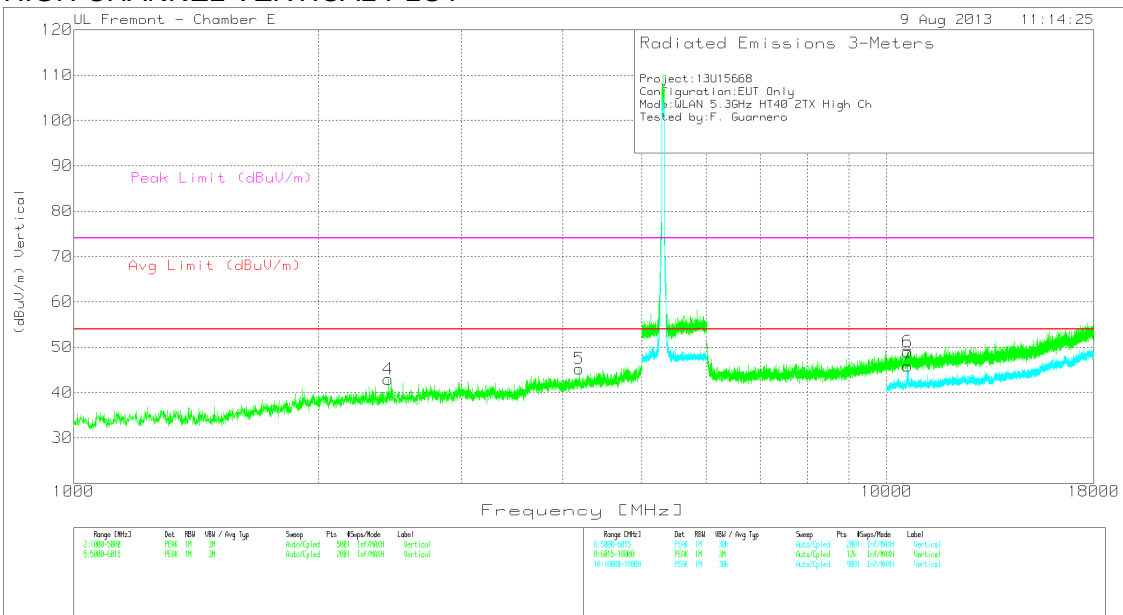
HIGH CHANNEL HORIZONTAL PLOT



FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 31 Jul 2013

Rev 9.5 13 Jun 2013

HIGH CHANNEL VERTICAL PLOT



FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 31 Jul 2013

Rev 9.5 13 Jun 2013

DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl 5GHz LPF dB	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
1	*2.022	42.8	PK	32.1	-33.8	0	41.1	-	-	68.2	-27.1	199	H
2	*6.305	39.67	PK	35.9	-29.4	0	46.17	-	-	68.2	-22.03	199	H
3	*10.42	36.42	PK	38.4	-25.2	0	49.62	-	-	68.2	-18.58	100	H

PK - Peak detector

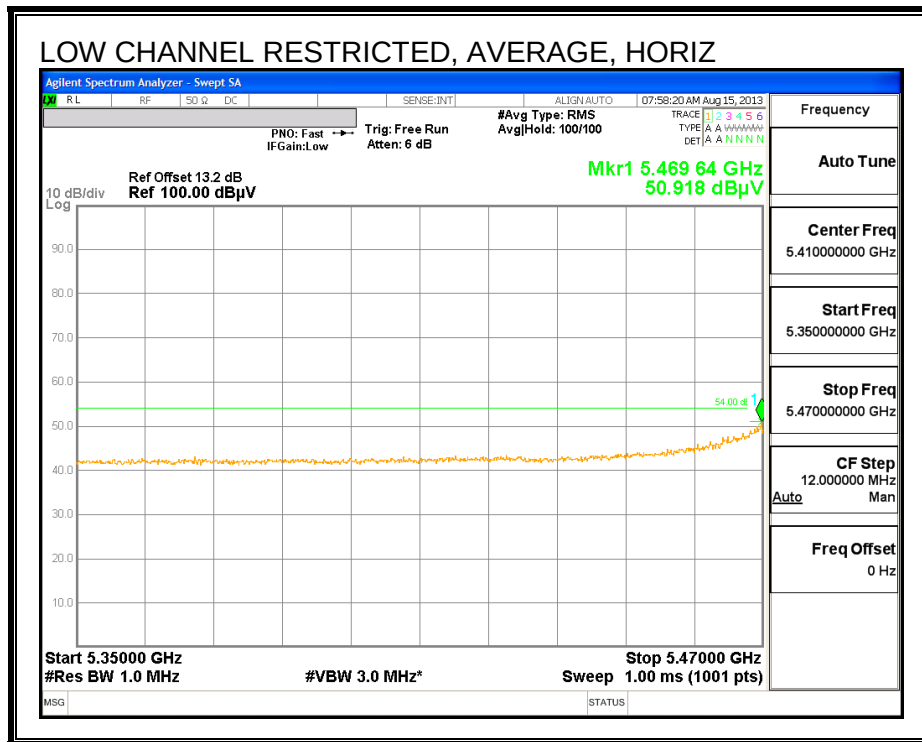
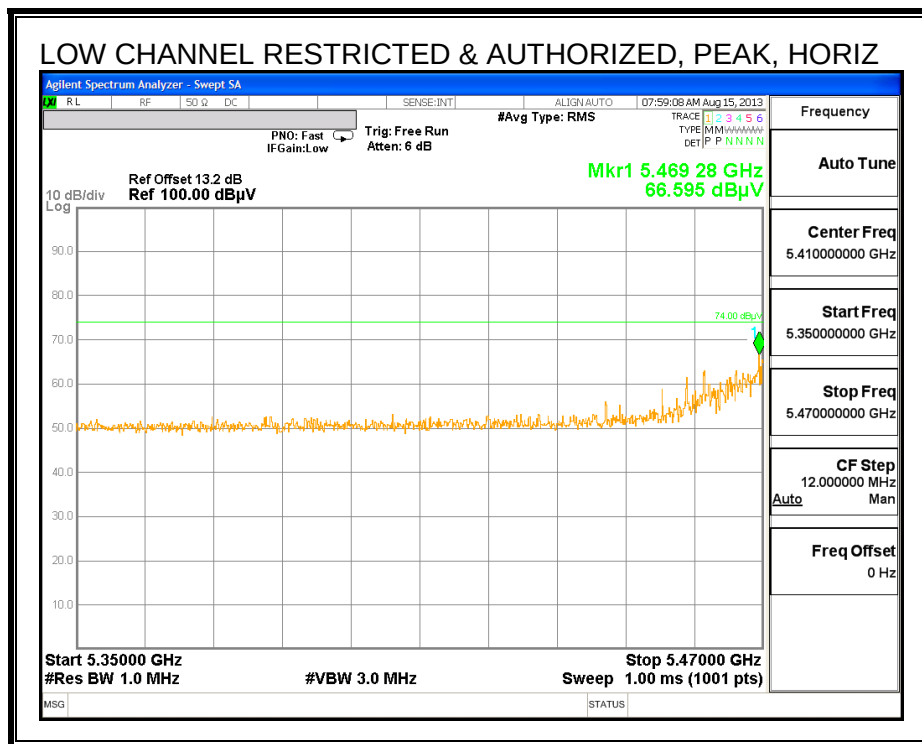
*Not in Restricted Band

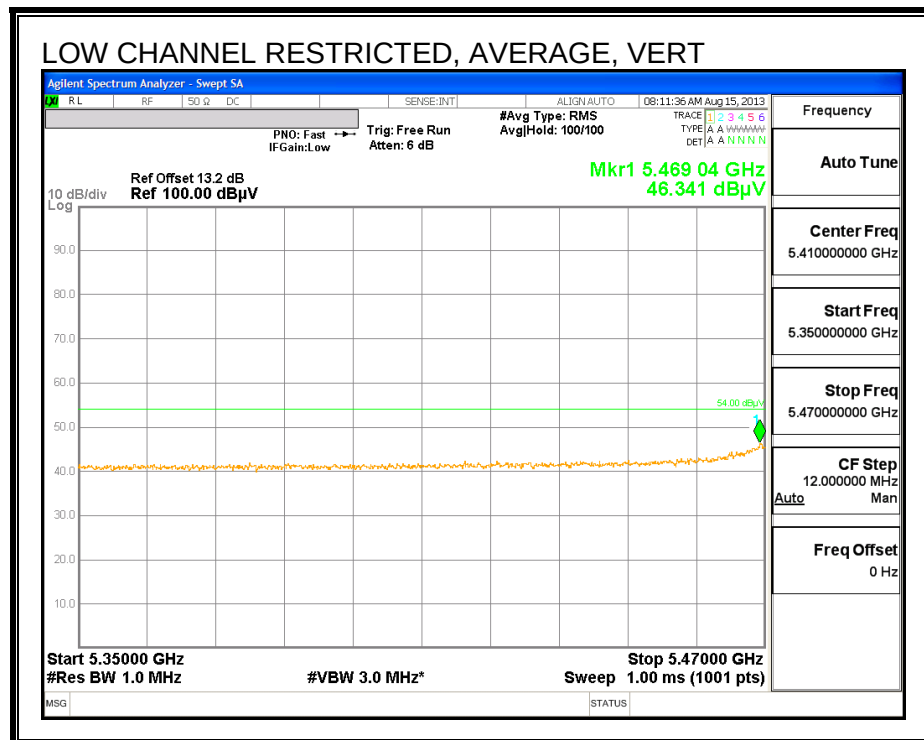
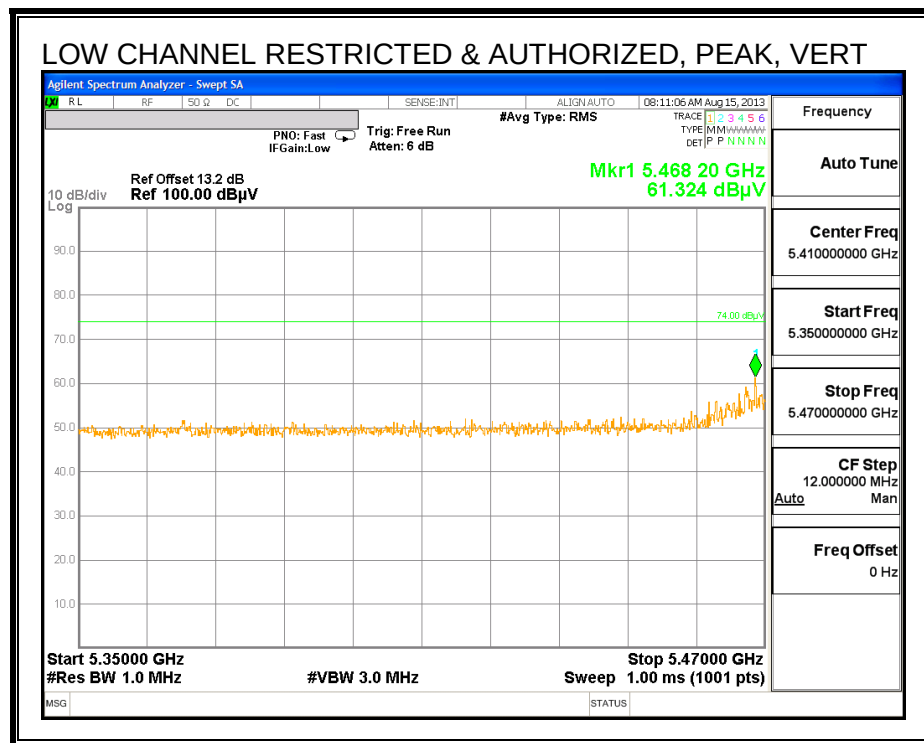
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /6GHz HPF (dB)	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
4	*2.439	43.72	PK	32.6	-33.4	0	42.92	-	-	68.2	-25.28	200	V
5	4.189	43.45	PK	34	-32.2	0	45.25	53.97	-8.72	74	-28.75	100	V
6	10.622	36.27	PK	38.4	-25.7	0	48.97	-	-	74	-25.03	100	V
7	10.621	33.14	PK (VB)	38.4	-25.7	0	45.84	53.97	-8.13	-	-	100	V

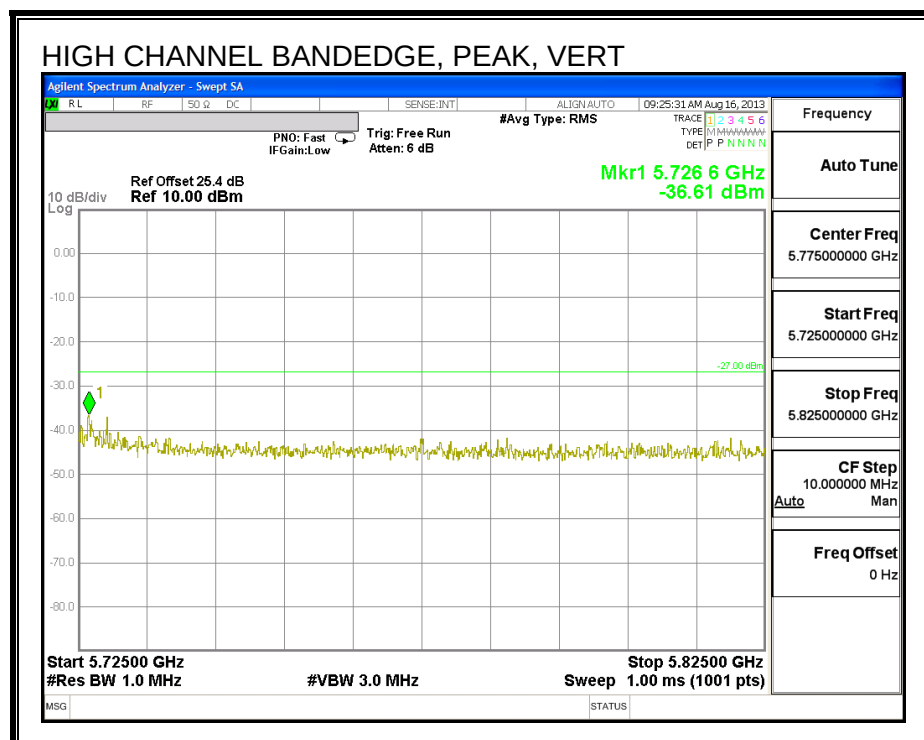
PK - Peak detector

10.2.9. TX ABOVE 1 GHz 802.11a SISO MODE IN THE 5.6 GHz BAND

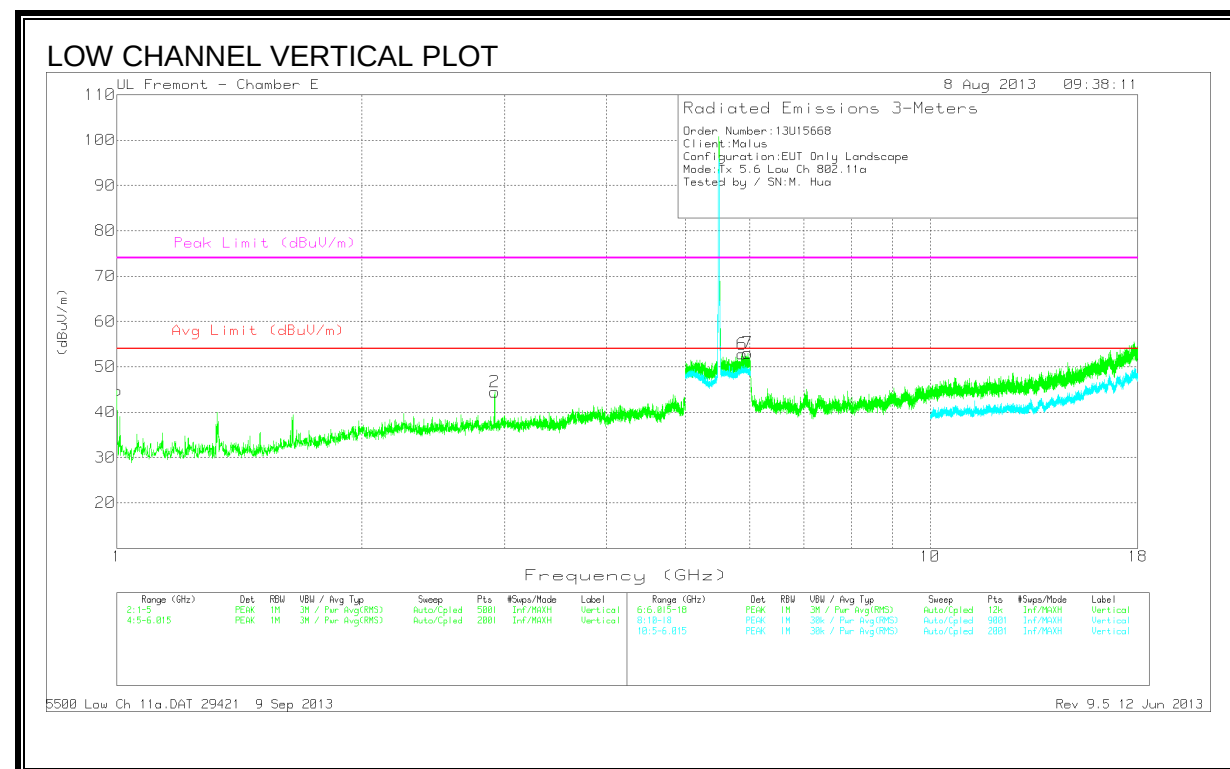
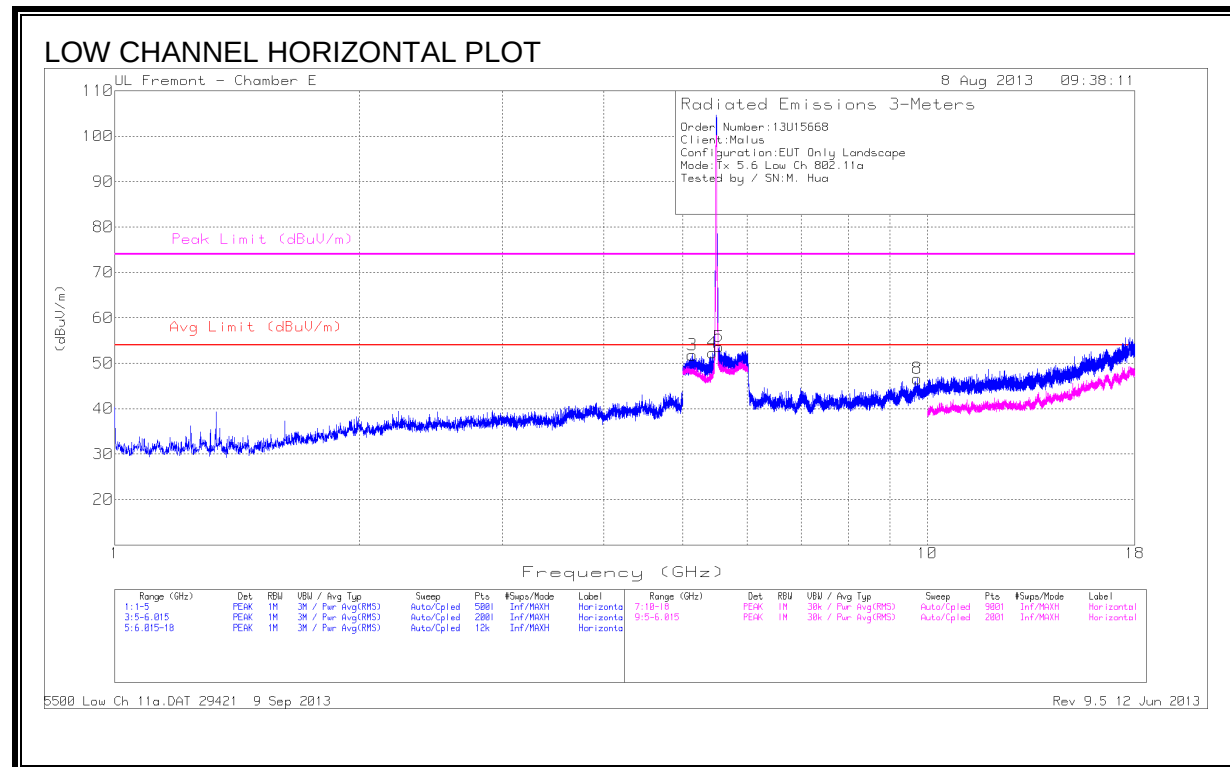
RESTRICTED & AUTHORIZED BANDEDGE (LOW CHANNEL)





[illegible]

HARMONICS AND SPURIOUS EMISSIONS



DATA

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Av Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.001	52.73	PK	27.7	-35.6	44.83	53.97	-9.14	74	-29.17	0-360	200	V
*2.916	45	PK	33	-33.5	44.5	-	-	68.2	-23.7	0-360	200	V
5.139	38.93	PK	34.5	-21.6	51.83	-	-	74	-22.17	0-360	100	H
5.443	39.39	PK	34.8	-21.9	52.29	-	-	74	-21.71	0-360	201	H
*5.545	40.03	PK	34.9	-21.3	53.63	-	-	68.2	-14.57	0-360	201	H
*5.873	38.41	PK	35.5	-21.1	52.81	-	-	68.2	-15.39	0-360	100	V
*5.968	38.31	PK	35.6	-20.9	53.01	-	-	68.2	-15.19	0-360	200	V
*9.722	34.81	PK	37.4	-25.6	46.61	-	-	68.2	-21.59	0-360	201	H

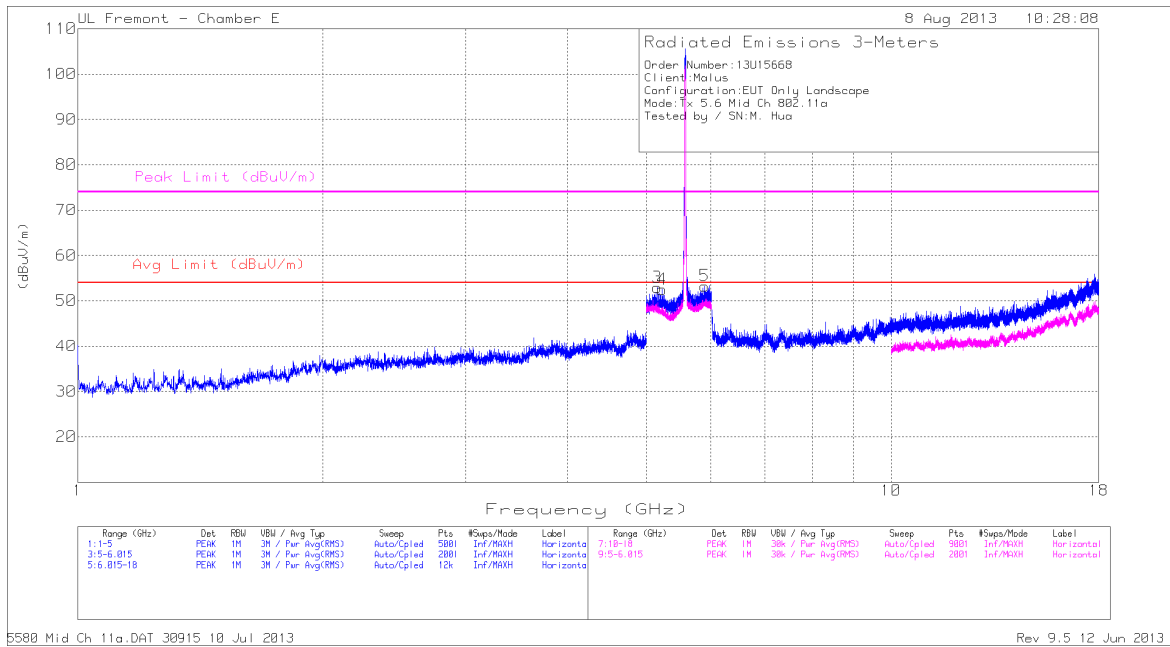
PK - Peak detector

*Not in Restricted Band

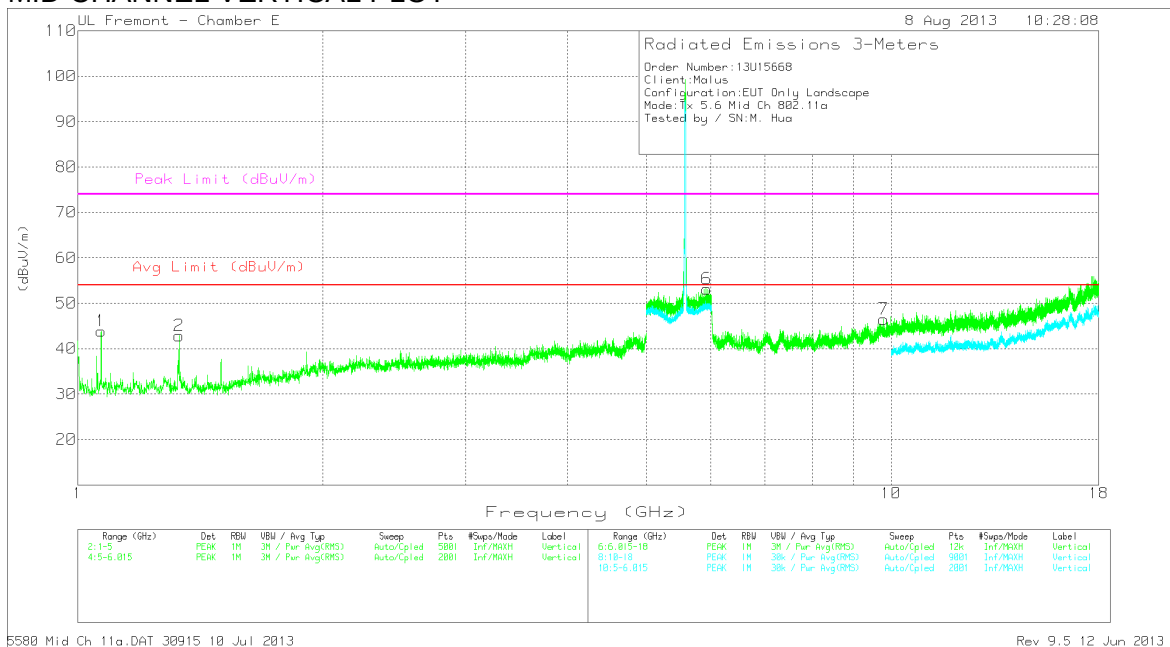
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Av Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5.137	28.33	MAv1	34.5	-21.7	41.13	53.97	-12.84	-	-	207	389	H
5.441	28.84	MAv1	34.8	-21.9	41.74	53.97	-12.23	-	-	169	262	H

MAv1 - KDB558074 v02 10.2.3.2/8.2.1 Option 1 Maximum RMS Average

MID CHANNEL HORIZONTAL PLOT



MID CHANNEL VERTICAL PLOT



DATA

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Av Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.069	51.38	PK	27.9	-35.4	43.88	53.97	-10.09	74	-30.12	0-360	200	V
1.333	49.07	PK	28.5	-34.7	42.87	53.97	-11.1	74	-31.13	0-360	200	V
*5.159	39.95	PK	34.6	-21.6	52.95	-	-	68.2	-15.25	0-360	100	H
5.037	39.29	PK	34.7	-21.5	52.49	-	-	74	-21.51	0-360	100	H
*5.901	38.75	PK	35.5	-21	53.25	-	-	68.2	-14.95	0-360	201	H
*5.936	38.54	PK	35.6	-21	53.14	-	-	68.2	-15.06	0-360	100	V
*9.791	34.99	PK	37.5	-26	46.49	-	-	68.2	-21.71	0-360	201	V

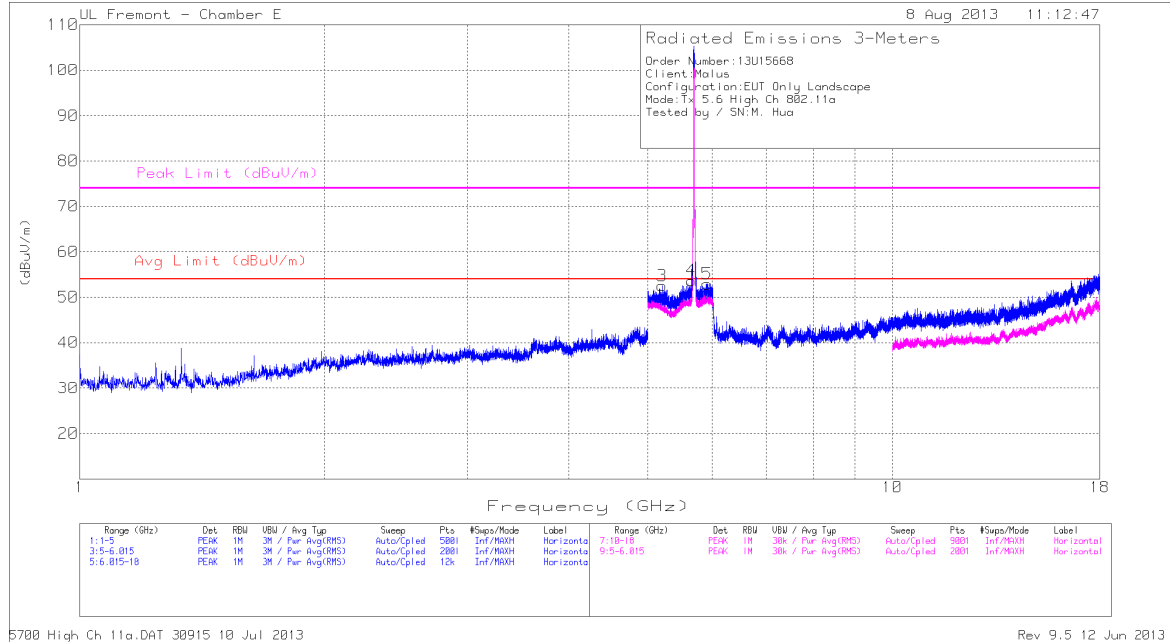
PK - Peak detector

*Not in Restricted Band

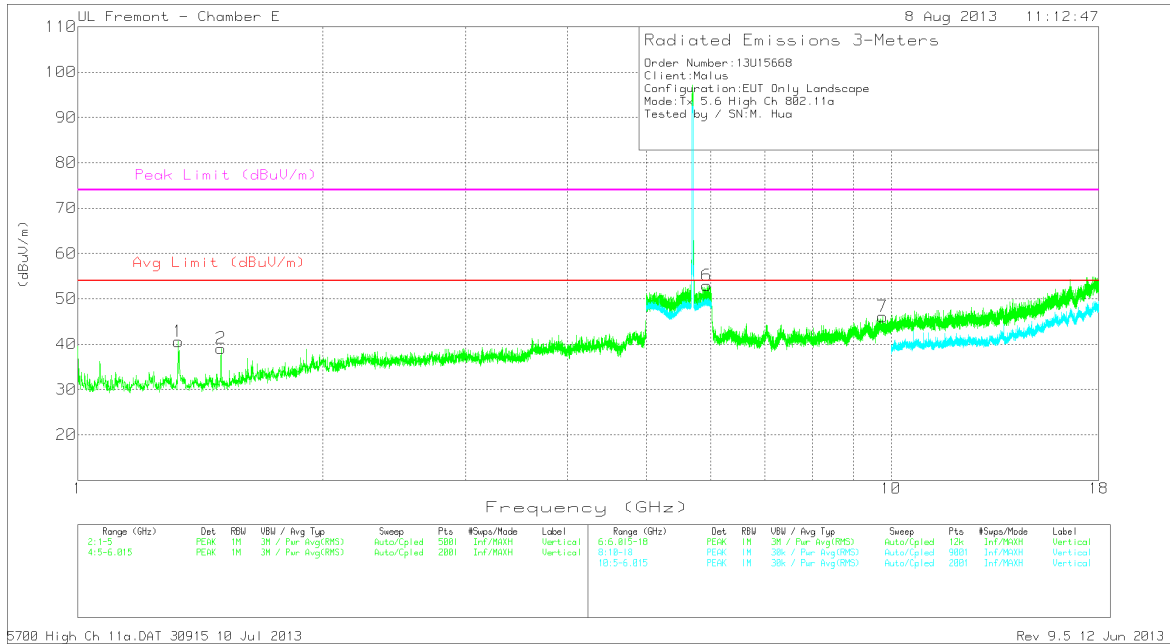
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Av Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5.038	28.56	MAv1	34.4	-22.2	40.76	53.97	-13.21	-	-	3	339	V

MAv1 - KDB558074 v02 10.2.3.2/8.2.1 Option 1 Maximum RMS Average

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

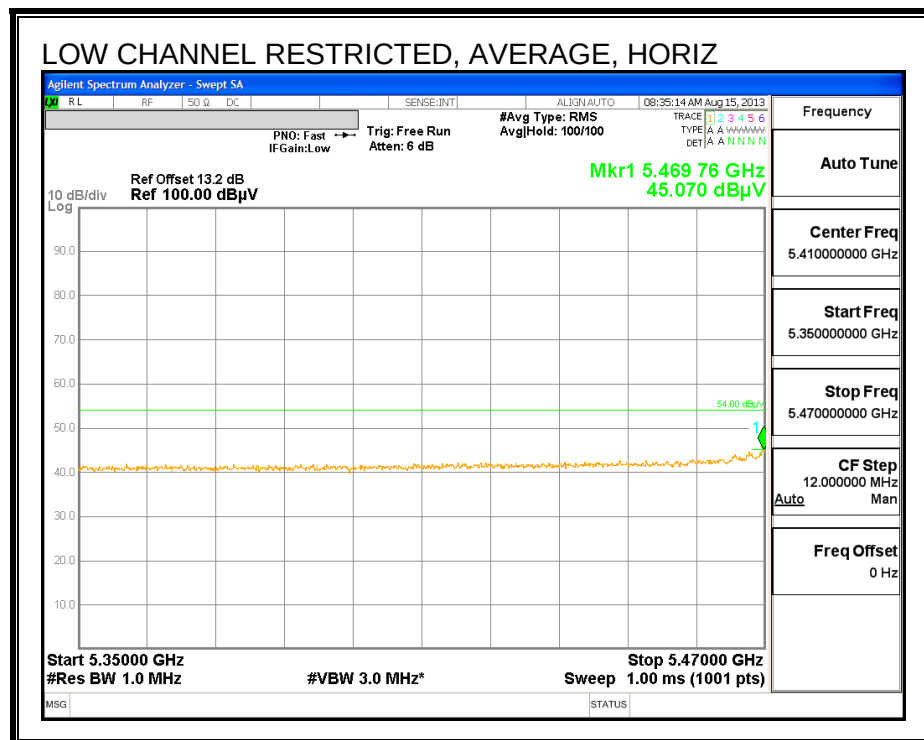
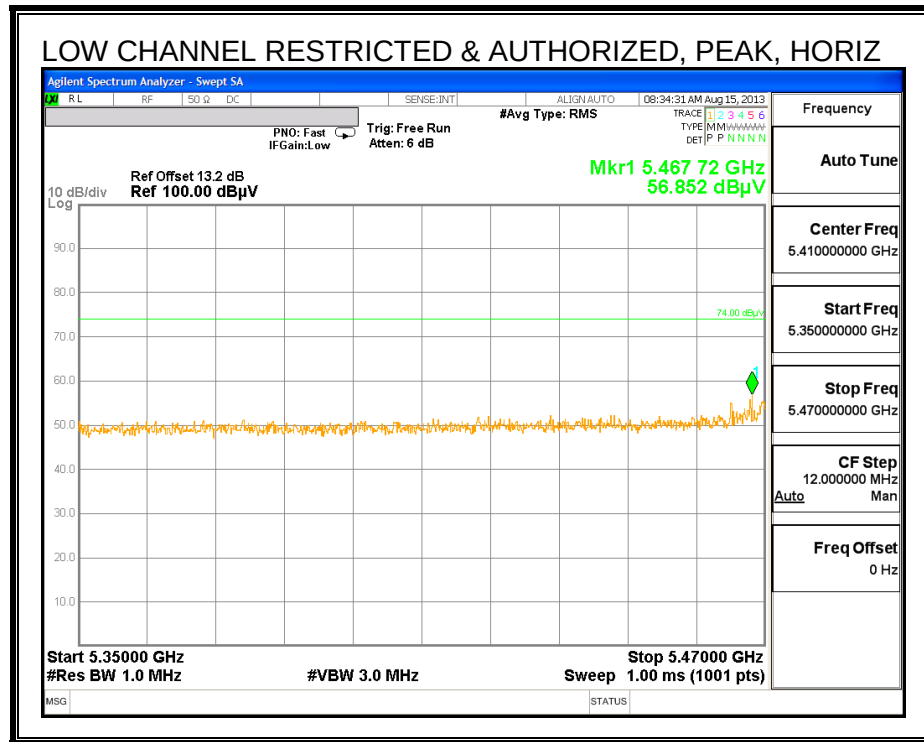
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Av Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.33	46.8	PK	28.5	-34.7	40.6	53.97	-13.37	74	-33.4	0-360	201	V
1.501	46.15	PK	28.2	-35.3	39.05	53.97	-14.92	74	-34.95	0-360	201	V
*5.208	39.54	PK	34.6	-21.6	52.54	-	-	68.2	-15.66	0-360	201	H
*5.662	40.05	PK	35.1	-21.5	53.65	-	-	68.2	-14.55	0-360	201	H
*5.918	38.23	PK	35.6	-20.9	52.93	-	-	68.2	-15.27	0-360	201	H
*5.938	38.35	PK	35.6	-21	52.95	-	-	68.2	-15.25	0-360	201	V
*9.764	34.57	PK	37.4	-25.9	46.07	-	-	68.2	-22.13	0-360	201	V

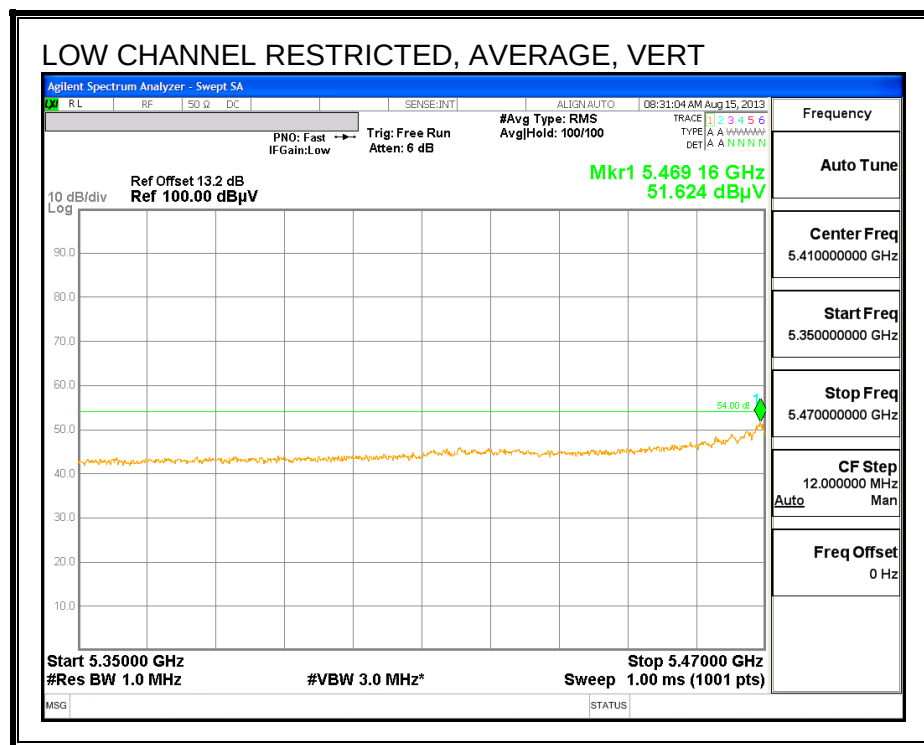
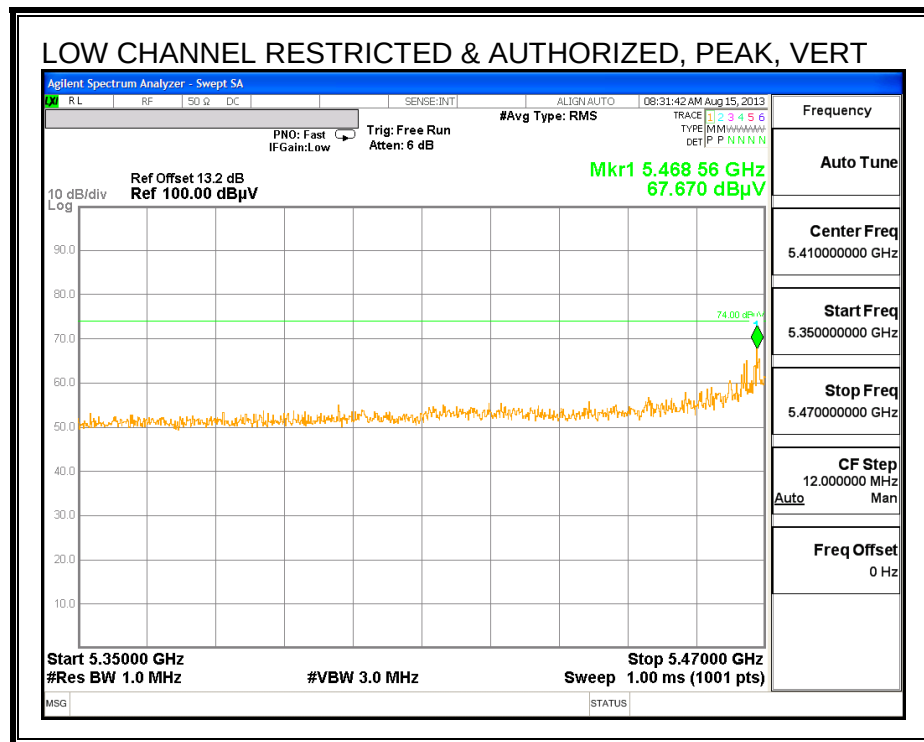
PK - Peak detector

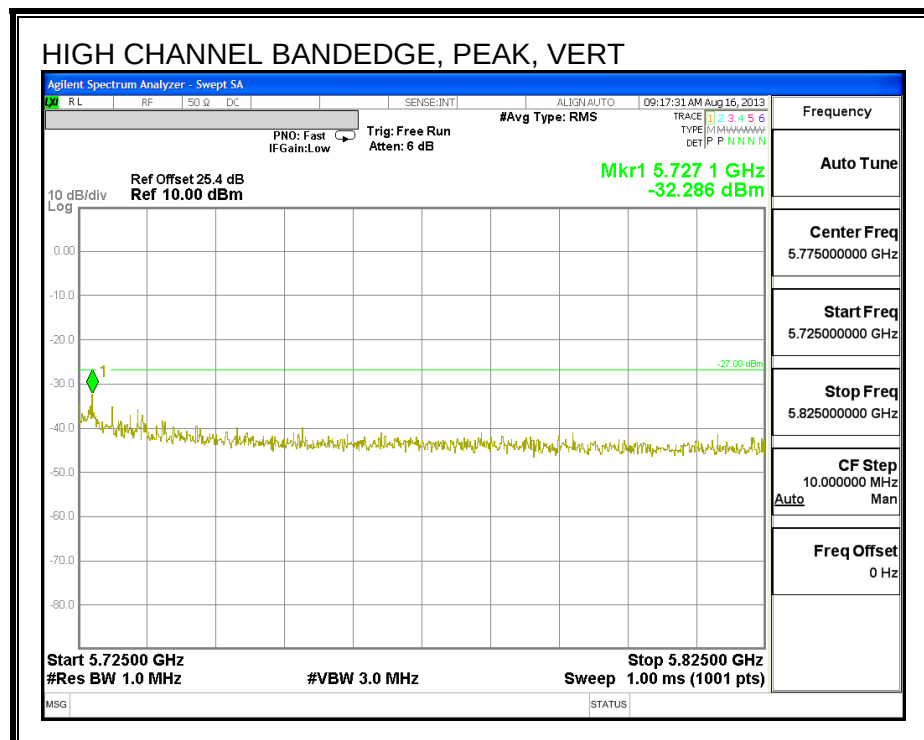
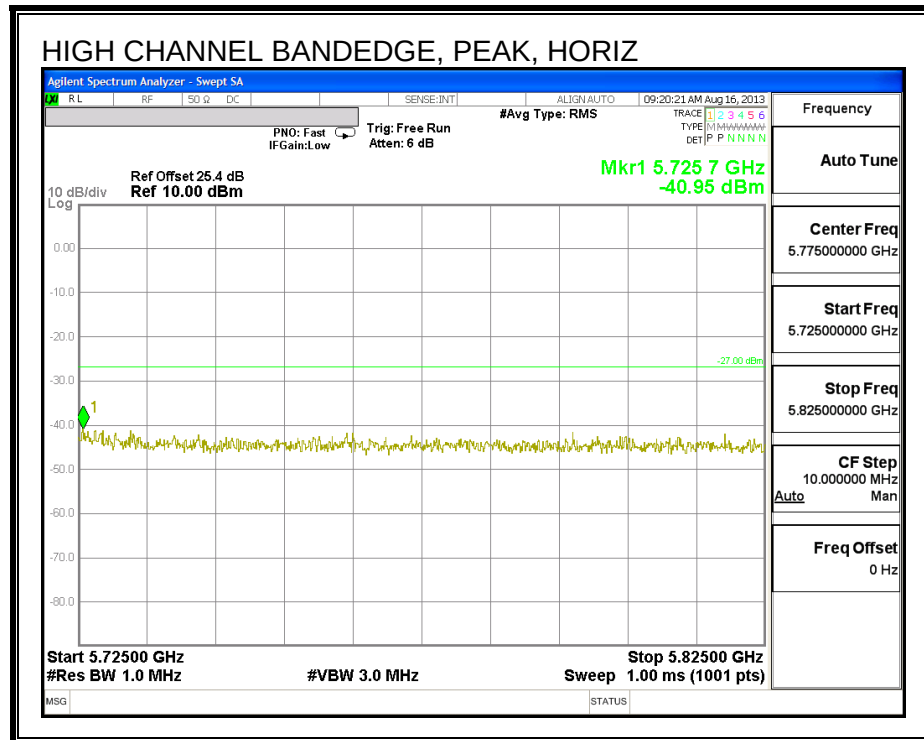
*Not in Restricted Band

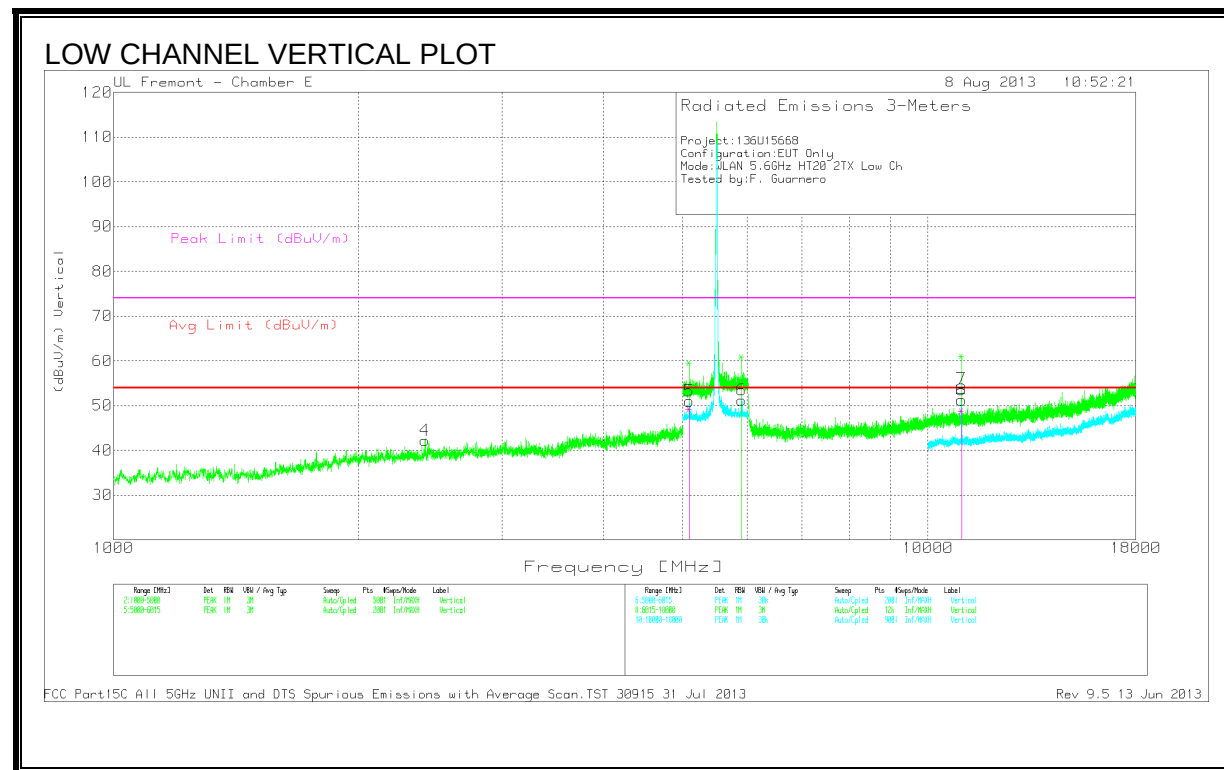
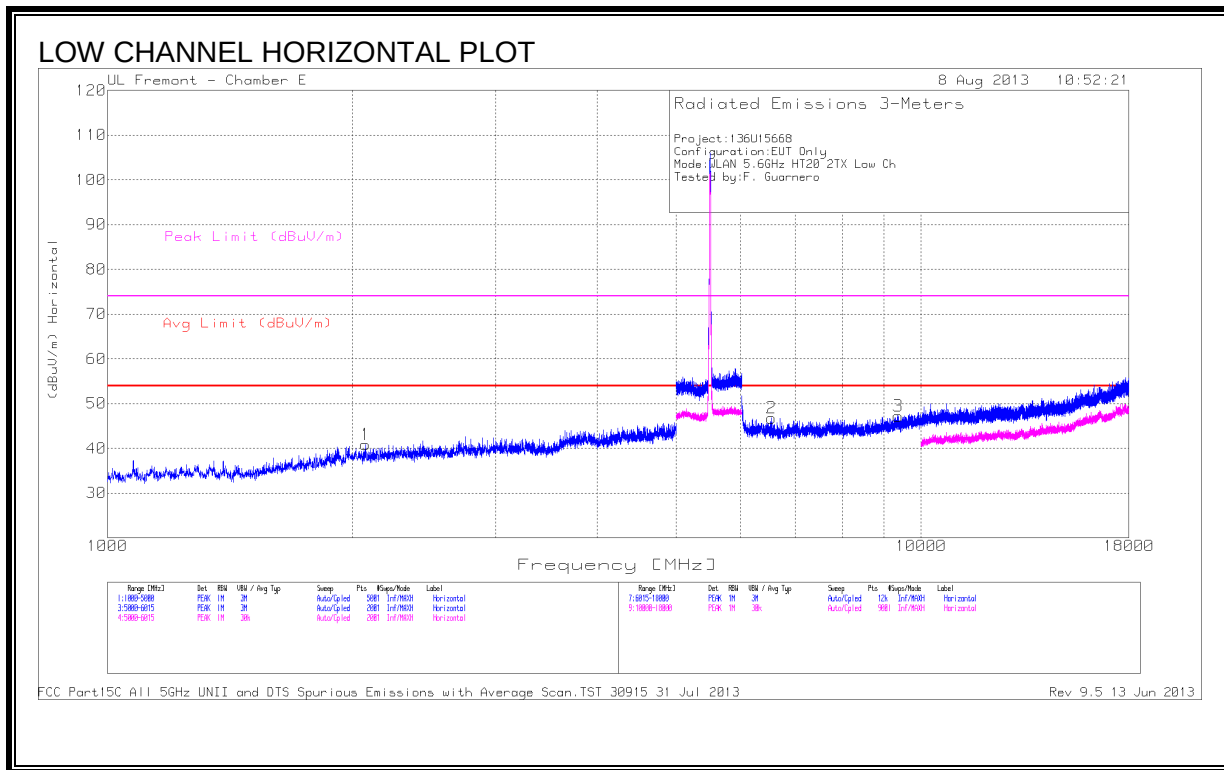
10.2.10. TX ABOVE 1 GHz 802.11n HT20 2TX CDD MODE IN THE 5.6 GHz BAND

RESTRICTED & AUTHORIZED BANDEDGE (LOW CHANNEL)





AUTHORIZED BANDEDGE (HIGH CHANNEL)

HARMONICS AND SPURIOUS EMISSIONS

DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl 5GHz LPF dB	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
1	*2.075	43.06	PK	32.2	-34.4	0	40.86	-	-	68.2	-27.34	199	H
2	*6.551	40.09	PK	35.8	-29.1	0	46.79	-	-	68.2	-21.41	199	H
3	9.372	36.1	PK	37.3	-26.2	0	47.2	53.97	-6.77	74	-26.8	100	H

PK - Peak detector

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /10dB Pad (dB)	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
4	*2.411	43.33	PK	32.6	-33.7	0	42.23	-	-	68.2	-25.97	100	V
5	5.093	38.3	PK	34.5	-21.8	0	51	-	-	74	-23	199	V
6	*5.908	36.44	PK	35.7	-20.9	0	51.24	-	-	68.2	-16.96	199	V
7	11	40.69	PK	38.5	-25.4	0	53.79	-	-	74	-20.21	199	V
8	11	38.26	PK (VB)	38.5	-25.5	0	51.26	53.97	-2.71	-	-	200	V

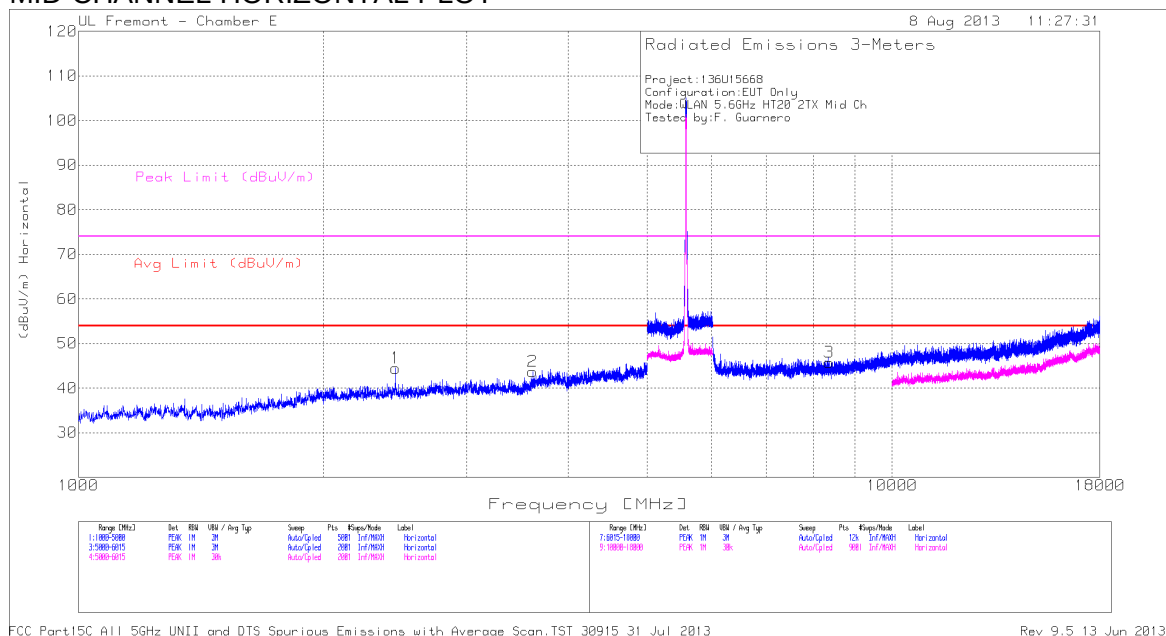
PK - Peak detector

*Not in Restricted Band

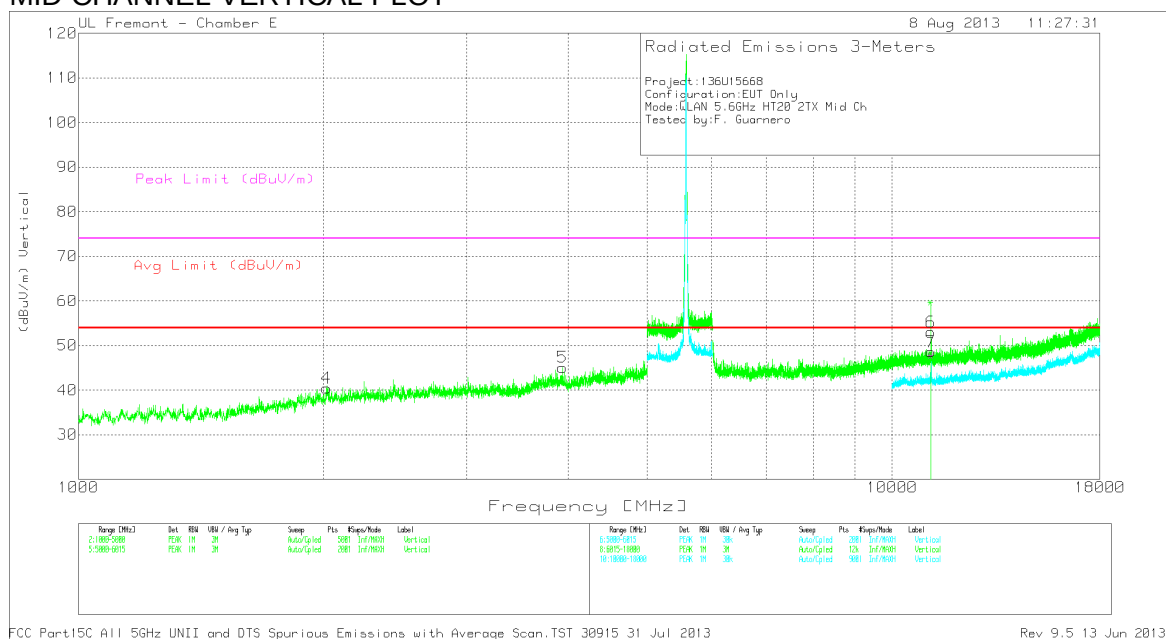
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /10dB Pad (dB)	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5.093	36.39	RMS	34.5	-21.8	.1	49.19	53.97	-4.78	-	-	114	194	V
11	35.6	RMS	38.5	-25.5	.1	48.7	53.97	-5.27	-	-	209	142	V

RMS - RMS detection

MID CHANNEL HORIZONTAL PLOT



MID CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl 5GHz LPF dB	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
1	*2.453	45.28	PK	32.6	-33.4	0	44.48	-	-	68.2	-15.03	199	H
2	3.616	42.56	PK	33.4	-32.2	0	43.76	53.97	-10.21	74	-30.24	100	H
3	8.366	37.6	PK	36.2	-28	0	45.8	53.97	-8.17	74	-28.2	100	H

PK - Peak detector

*Not in Restricted Band

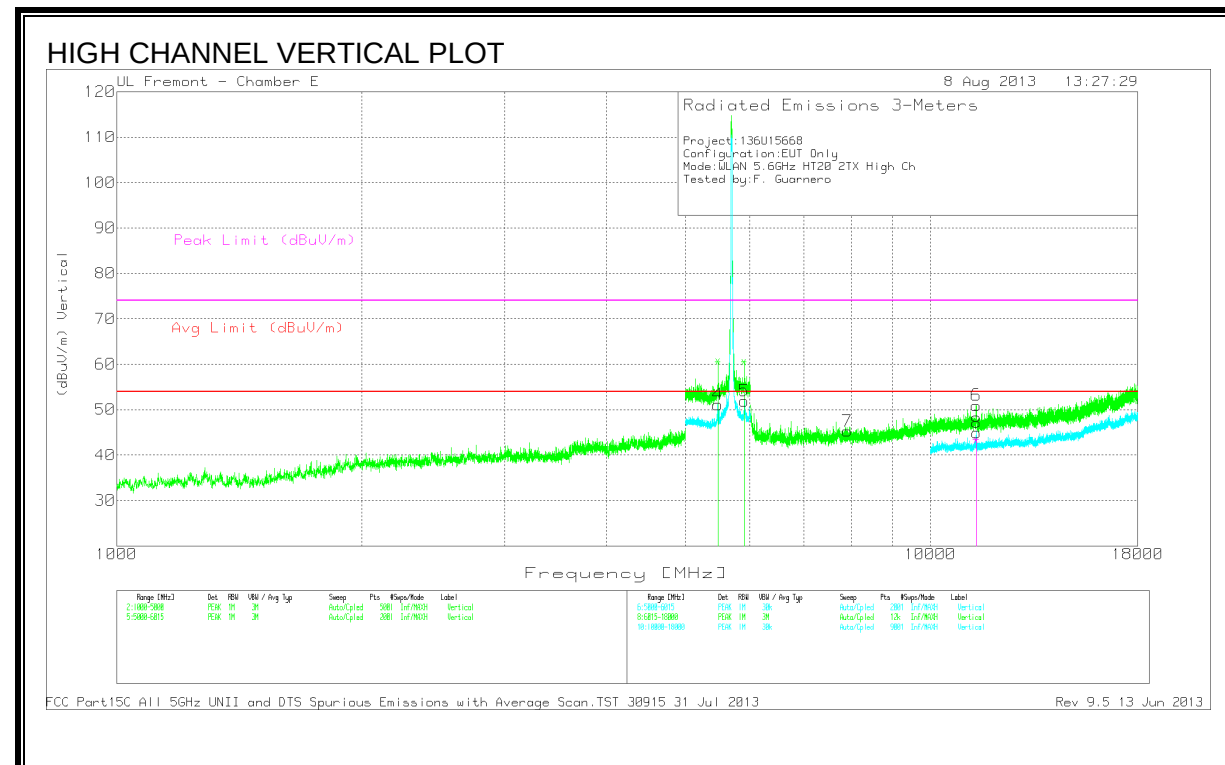
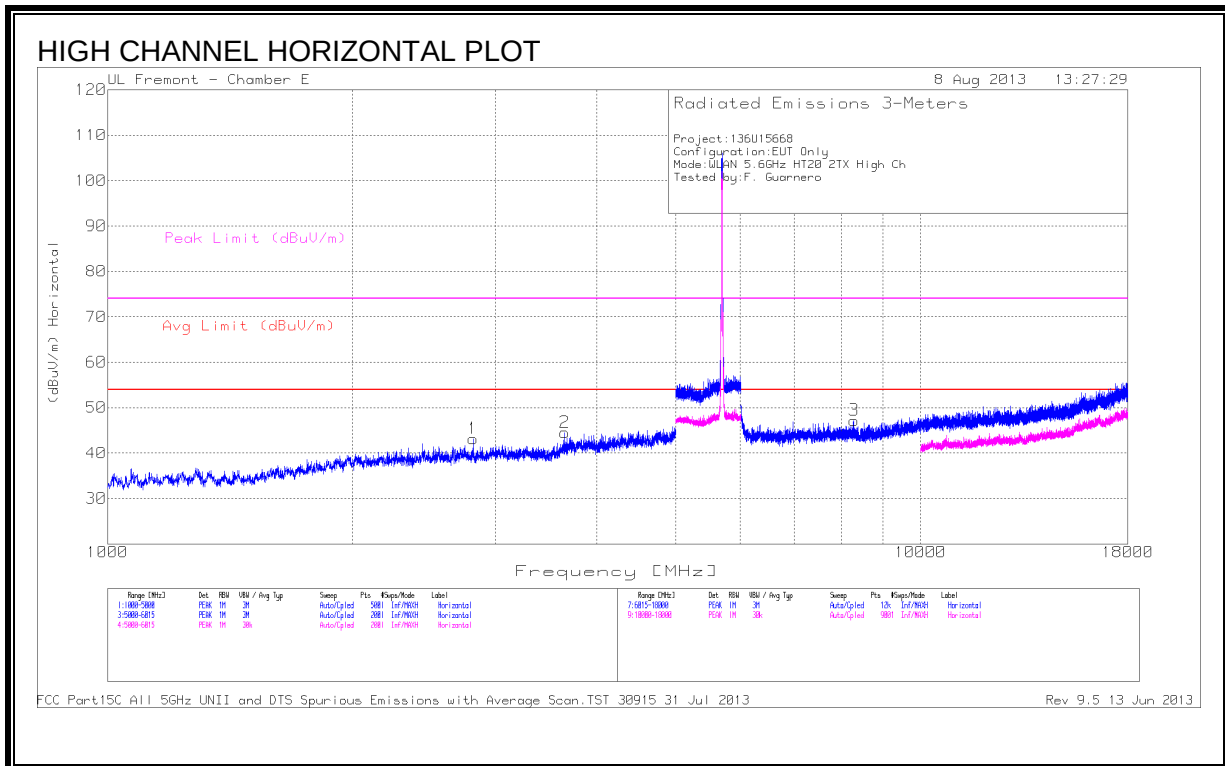
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /6GHz HPF (dB)	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
4	*2.018	42.05	PK	32.1	-33.7	0	40.45	-	-	68.2	-27.75	100	V
5	3.934	43.21	PK	33.8	-31.9	0	45.11	53.97	-8.86	74	-28.89	100	V
6	11.16	39.62	PK	38.6	-25.2	0	53.02	-	-	74	-20.98	199	V
7	11.16	35.19	PK (VB)	38.6	-25.2	0	48.59	53.97	-5.38	-	-	199	V

*Not in Restricted Band

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /6GHz HPF (dB)	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
11.16	34.23	RMS	38.6	-25.2	.1	47.73	53.97	-6.24	-	-	-	138	V

RMS - RMS detection



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl 5GHz LPF dB	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
1	2.817	43.36	PK	33.2	-33.4	0	43.16	53.97	-10.81	74	-30.84	199	H
2	3.651	43.03	PK	33.5	-32	0	44.53	53.97	-9.44	74	-29.47	100	H
3	8.286	38.8	PK	36.2	-27.8	0	47.2	53.97	-6.77	74	-26.8	199	H

PK - Peak detector

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /10dB Pad (dB)	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
4	*5.483	38	PK	34.8	-21.7	0	51.1	-	-	68.2	-17.1	199	V
5	*5.911	37.01	PK	35.7	-20.8	0	51.91	-	-	68.2	-16.29	199	V
6	11.398	37.23	PK	38.7	-25	0	50.93	-	-	74	-23.07	199	V
7	*7.911	37.28	PK	36.2	-28.2	0	45.28	-	-	68.2	-22.92	100	V
8	11.407	31.13	PK	38.7	-24.9	0	44.93	53.97	-9.04	74	-29.07	100	V

PK - Peak detector

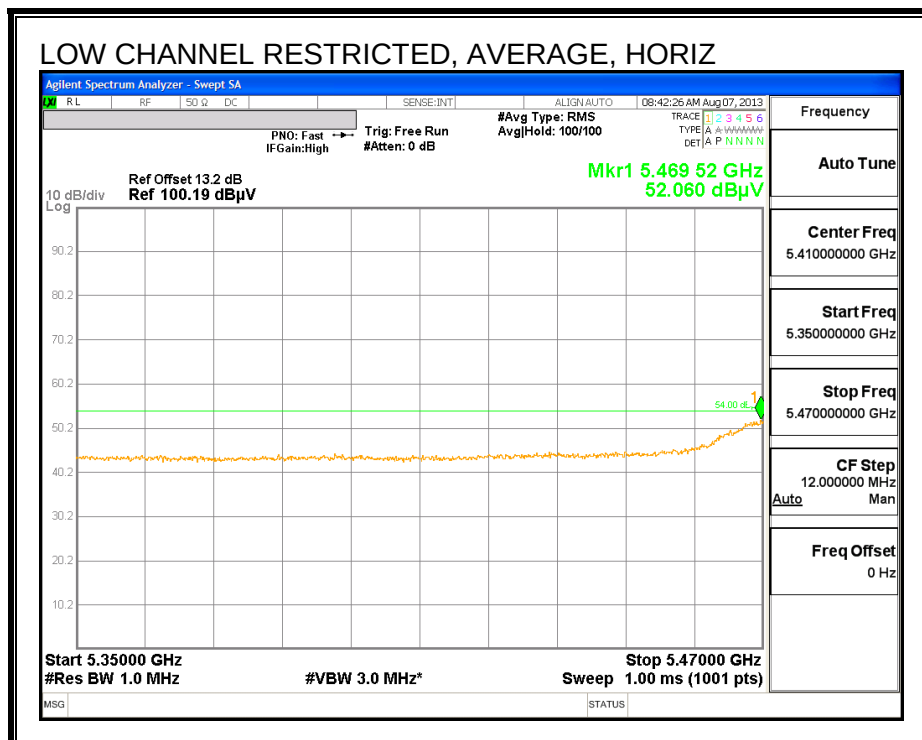
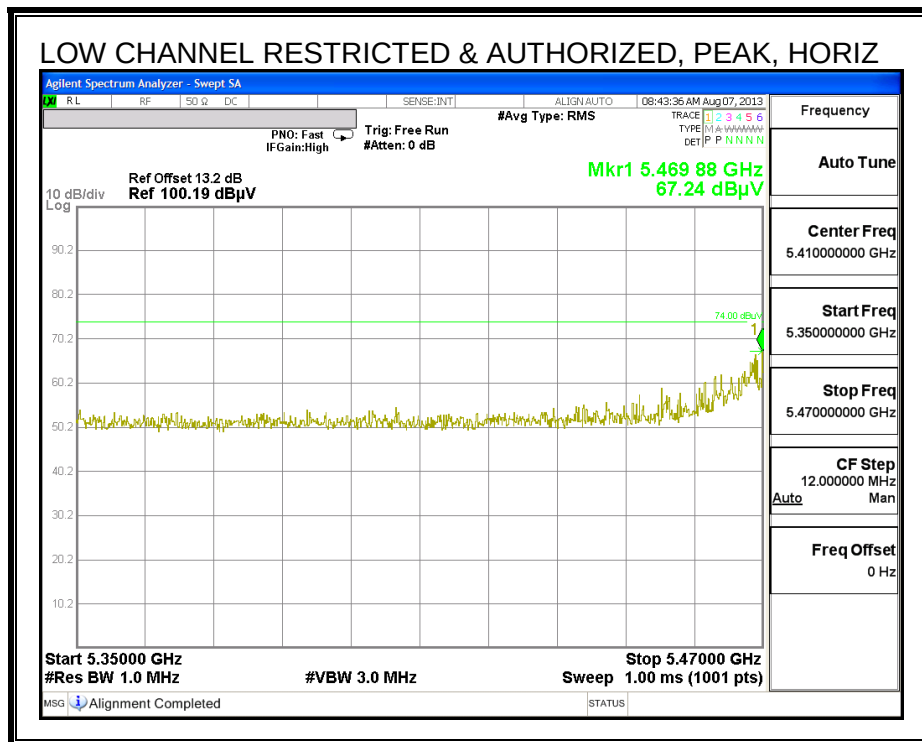
* Not in Restricted Band

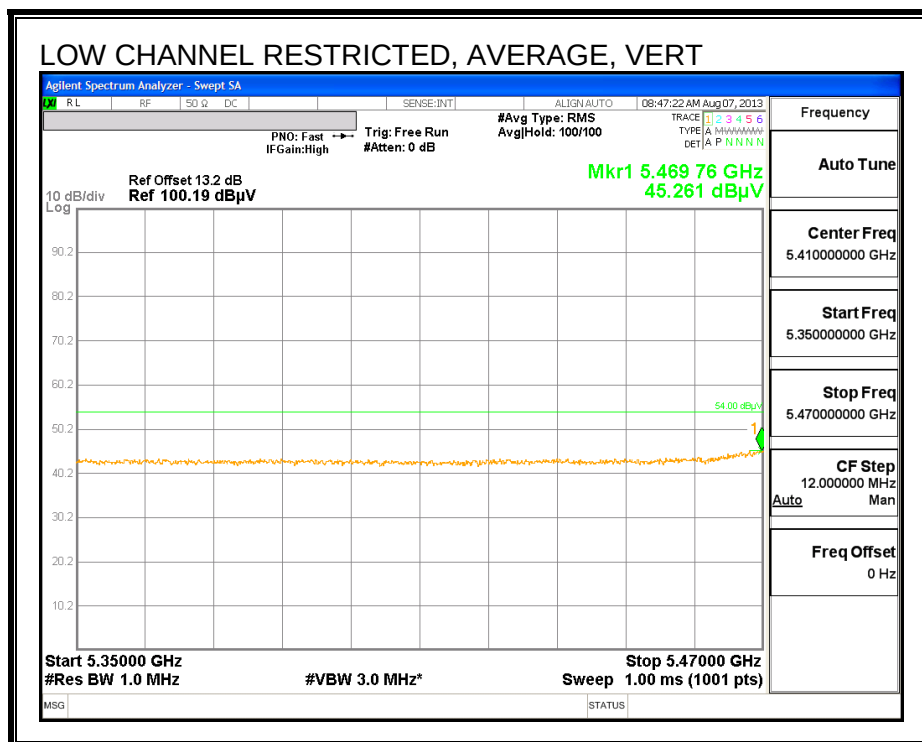
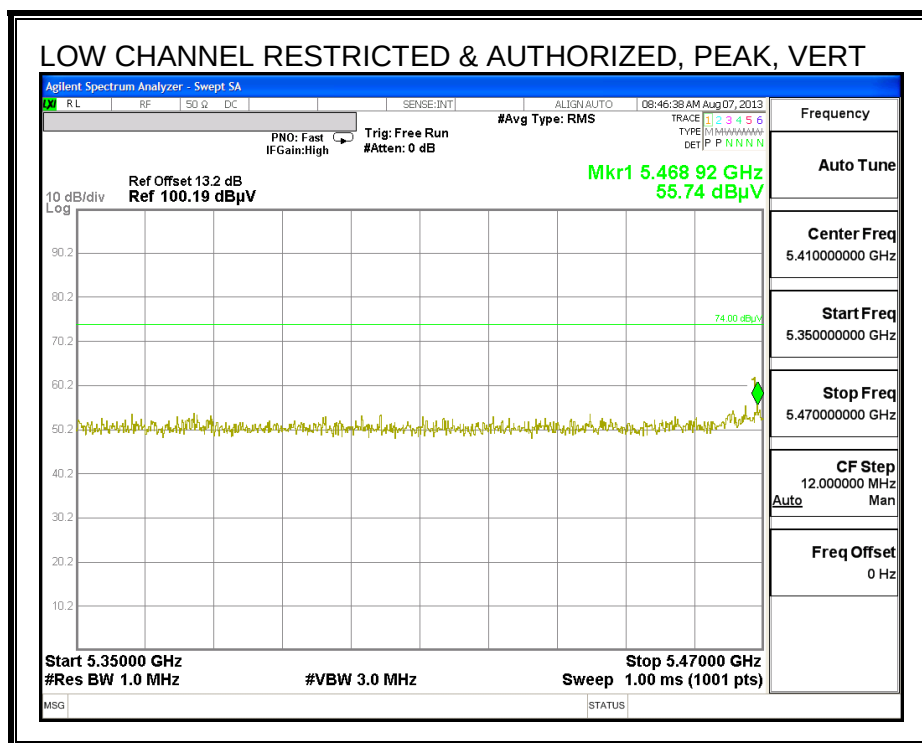
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /6GHz HPF (dB)	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
11.4	29.56	RMS	38.7	-25	.1	43.36	53.97	-10.61	-	-	29	144	V

RMS - RMS detection

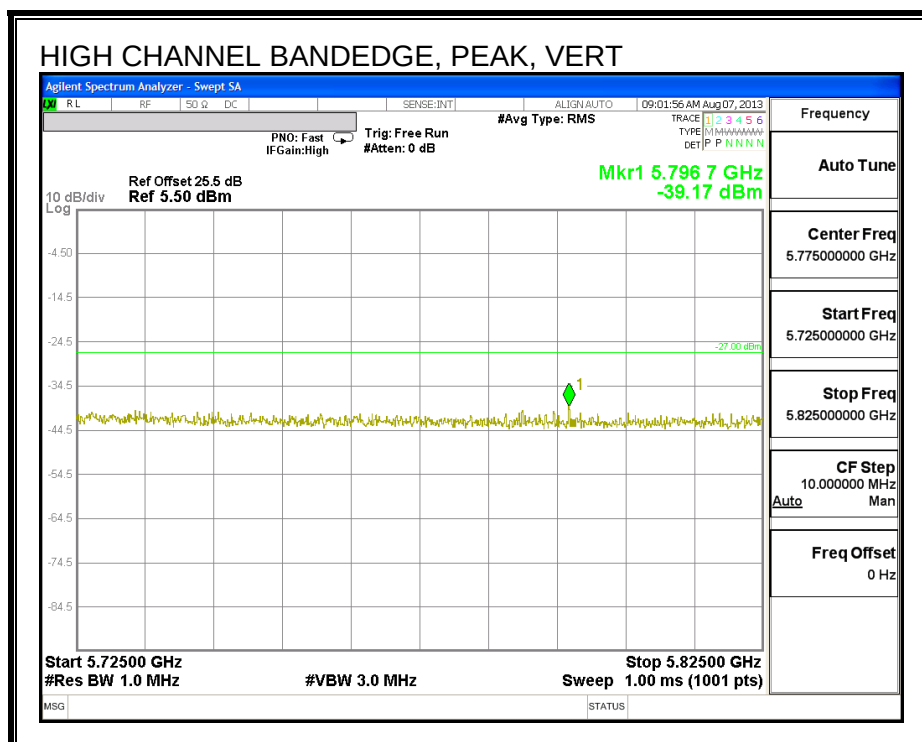
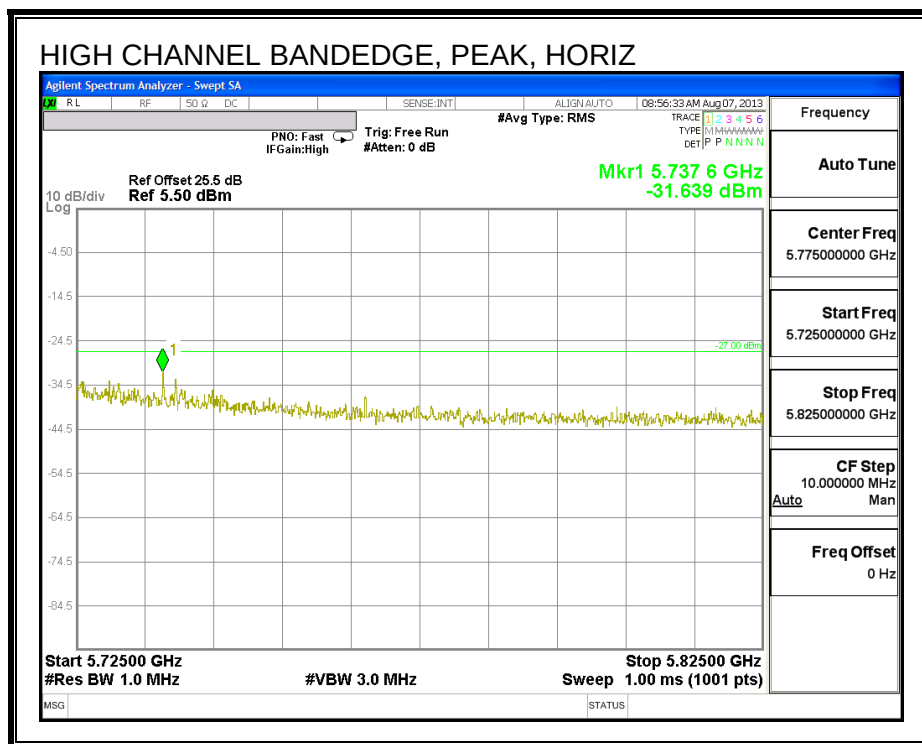
10.2.11. TX ABOVE 1 GHz 802.11n HT40 SISO MODE IN THE 5.6 GHz BAND

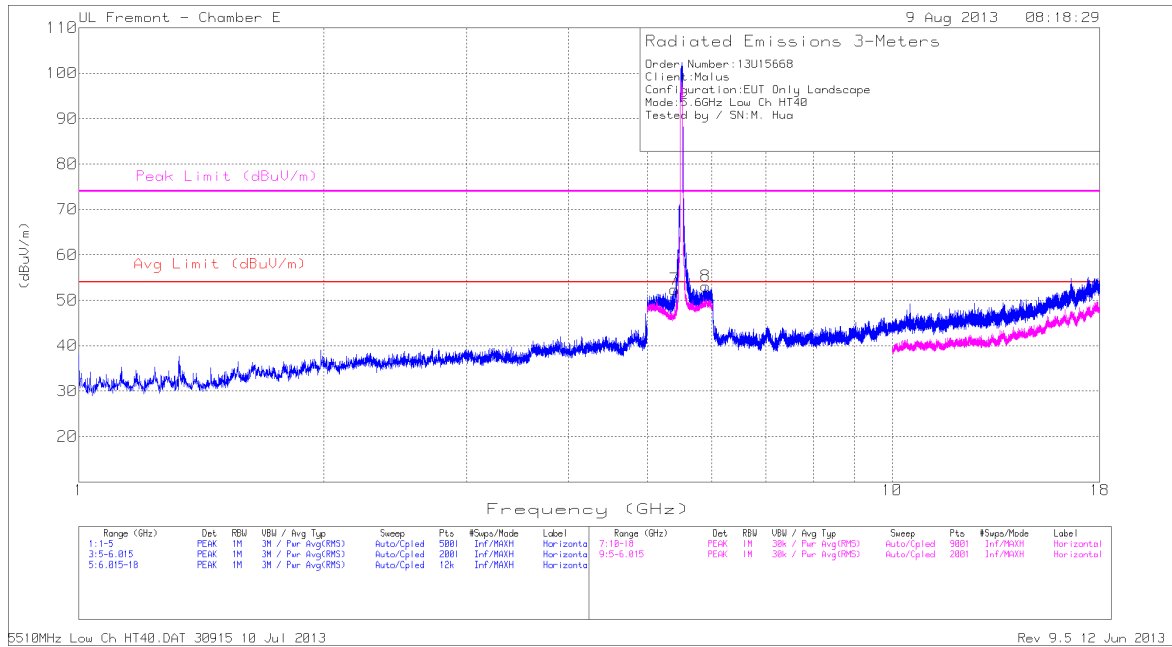
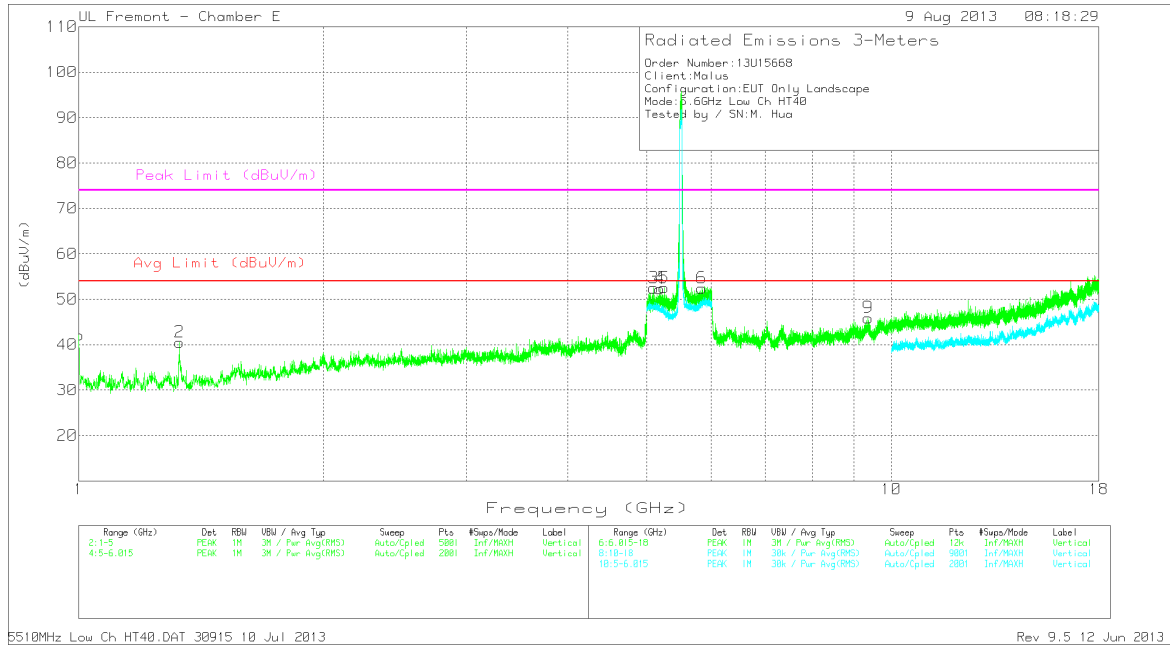
RESTRICTED & AUTHORIZED BANDEGE (LOW CHANNEL)





AUTHORIZED BANDEDGE (HIGH CHANNEL)



HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL HORIZONTAL PLOT****LOW CHANNEL VERTICAL PLOT**

DATA

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Av Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.001	50	PK	27.7	-35.6	42.1	53.97	-11.87	74	-31.9	0-360	201	V
1.331	46.74	PK	28.5	-34.7	40.54	53.97	-13.43	74	-33.46	0-360	201	V
5.403	39.68	PK	34.8	-22.1	52.38	-	-	74	-21.62	0-360	201	H
*5.901	38.58	PK	35.5	-21	53.08	-	-	68.2	-15.12	0-360	100	H
5.10	39.79	PK	34.5	-21.8	52.49	-	-	74	-21.51	0-360	100	V
*5.192	39.31	PK	34.6	-21.6	52.31	-	-	68.2	-15.89	0-360	100	V
*5.845	38.25	PK	35.5	-21.3	52.45	-	-	68.2	-15.75	0-360	100	V
9.363	34.79	PK	37	-25.9	45.89	53.97	-8.08	74	-28.11	0-360	200	V

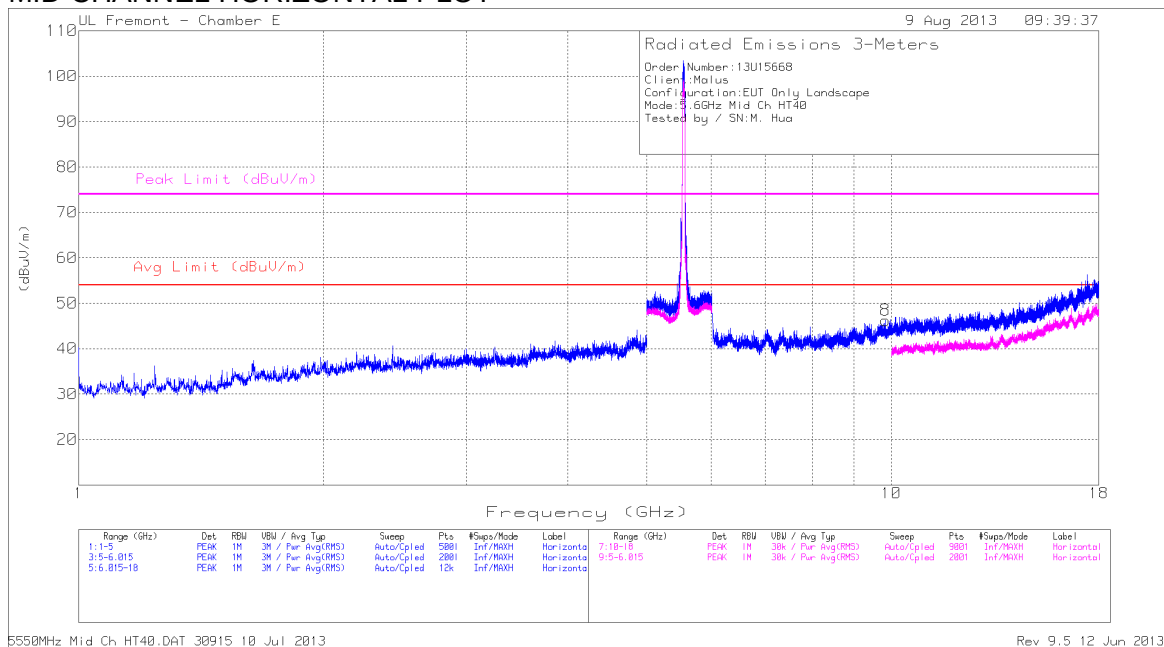
PK - Peak detector

* Not in Restricted Band

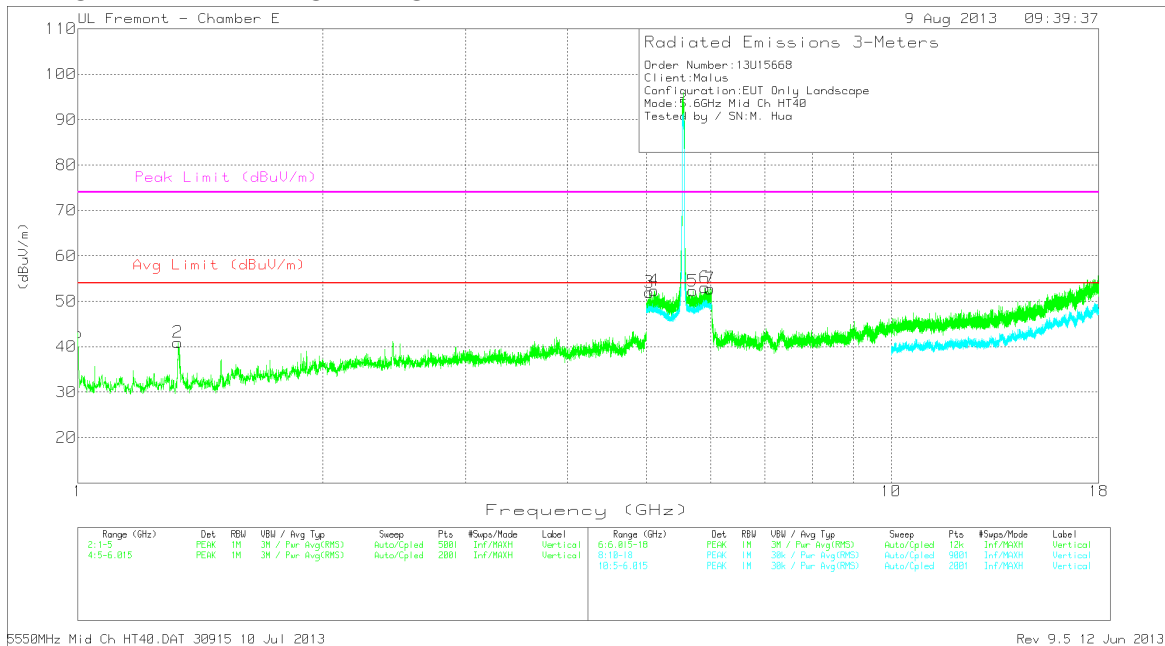
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Av Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5.404	28.27	MAv1	34.8	-22.1	40.97	53.97	-13	-	-	135	387	H
5.093	28.36	MAv1	34.4	-21.8	40.96	53.97	-13.01	-	-	360	126	V

MAv1 - KDB558074 v02 10.2.3.2/8.2.1 Option 1 Maximum RMS Average

MID CHANNEL HORIZONTAL PLOT



MID CHANNEL VERTICAL PLOT



DATA

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Av Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	50.99	PK	27.7	-35.6	43.09	53.97	-10.88	74	-30.91	0-360	201	V
1.328	47.12	PK	28.5	-34.7	40.92	53.97	-13.05	74	-33.08	0-360	100	V
5.046	39.79	PK	34.4	-22.2	51.99	-	-	74	-22.01	0-360	201	V
5.113	39.64	PK	34.5	-21.8	52.34	-	-	74	-21.66	0-360	201	V
*5.704	38.77	PK	35.2	-21.7	52.27	-	-	68.2	-15.93	0-360	201	V
*5.994	38	PK	35.7	-20.9	52.8	-	-	68.2	-15.40	0-360	100	V
*9.837	35.04	PK	37.6	-26.4	46.24	-	-	68.2	-21.96	0-360	100	H

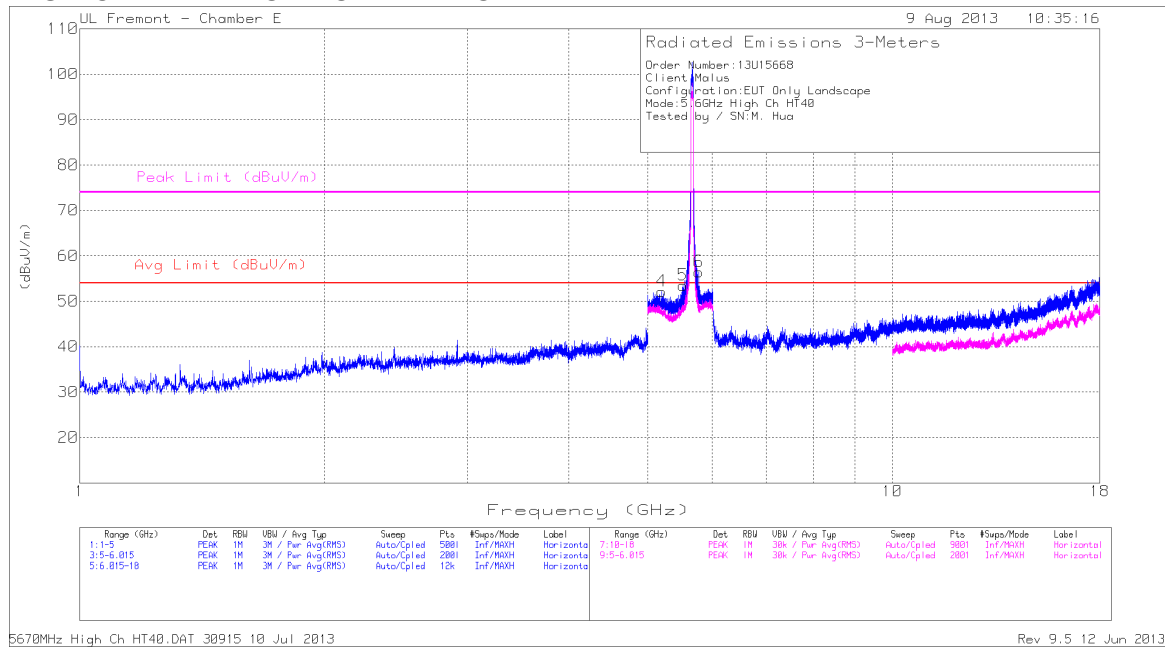
PK - Peak detector

* Not in Restricted Band

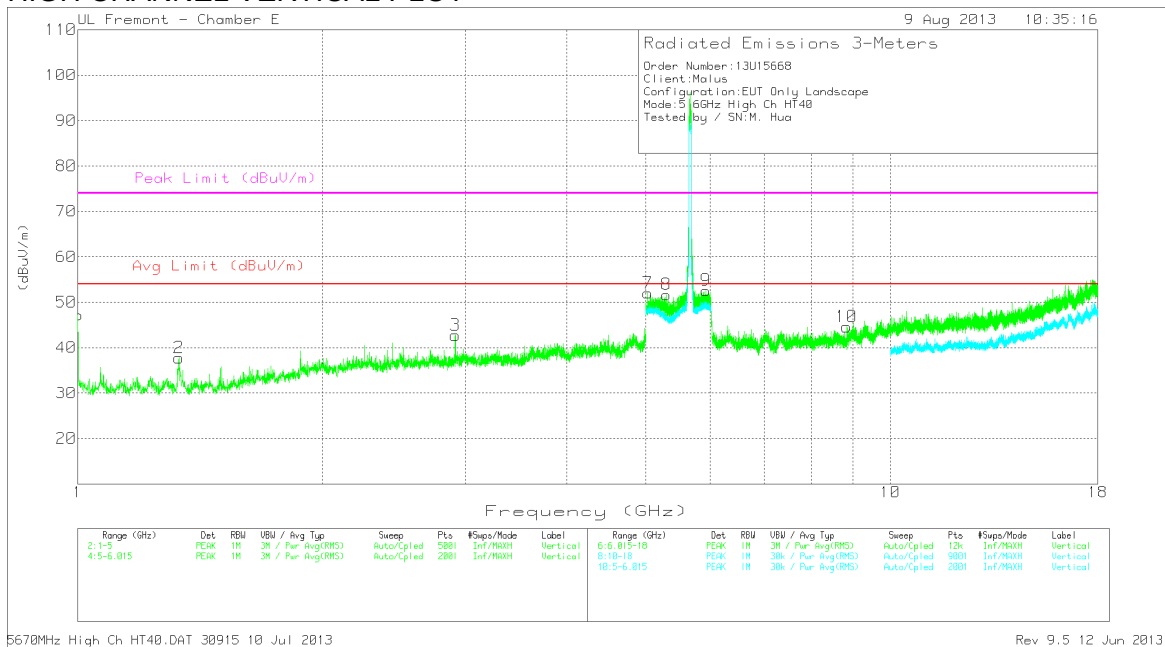
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Av Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5.043	28.54	MAv1	34.4	-22.2	40.74	53.97	-13.23	-	-	99	322	V
5.113	28.53	MAv1	34.5	-21.8	41.23	53.97	-12.74	-	-	165	100	V

MAv1 - KDB558074 v02 10.2.3.2/8.2.1 Option 1 Maximum RMS Average

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Av Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.001	55.08	PK	27.7	-35.6	47.18	53.97	-6.79	74	-26.82	0-360	201	V
1.333	43.96	PK	28.5	-34.7	37.76	53.97	-16.21	74	-36.24	0-360	201	V
*2.916	43.23	PK	33	-33.5	42.73	-	-	68.2	-25.47	0-360	201	V
*5.203	39.16	PK	34.6	-21.6	52.16	-	-	68.2	-16.04	0-360	201	H
*5.527	40.01	PK	34.9	-21.4	53.51	-	-	68.2	-14.69	0-360	100	H
*5.78	42.96	PK	35.3	-21.8	56.46	-	-	68.2	-11.74	0-360	100	H
5.03	39.9	PK	34.3	-22.2	52	-	-	74	-22	0-360	201	V
*5.93	37.99	PK	35.6	-21	52.59	-	-	68.2	-15.61	0-360	100	V
*8.834	36.03	PK	36.5	-27.9	44.63	-	-	68.2	-23.57	0-360	201	V

PK - Peak detector

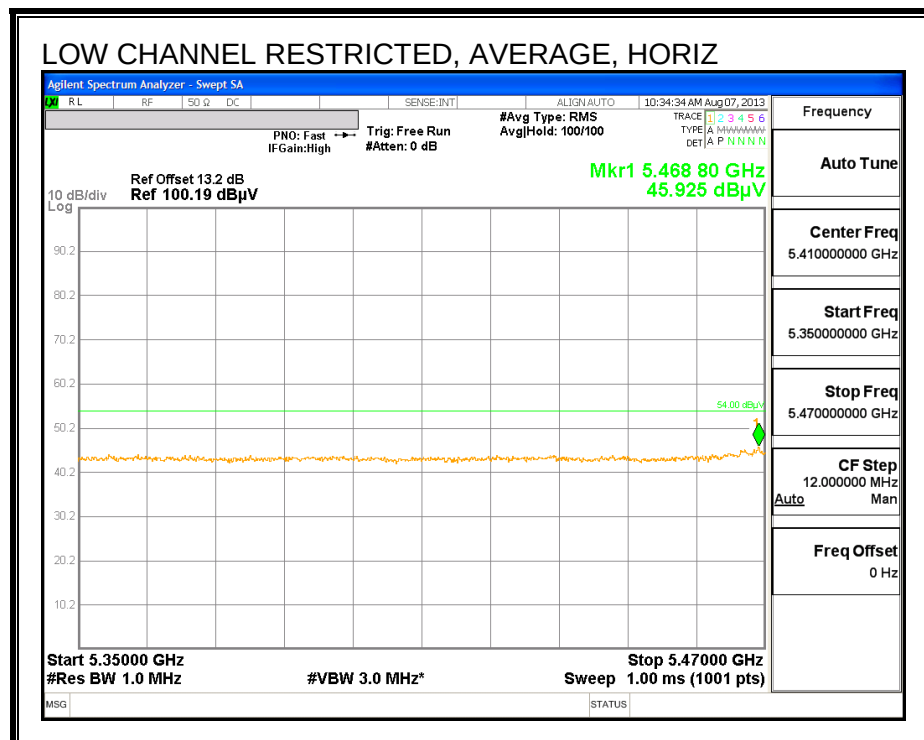
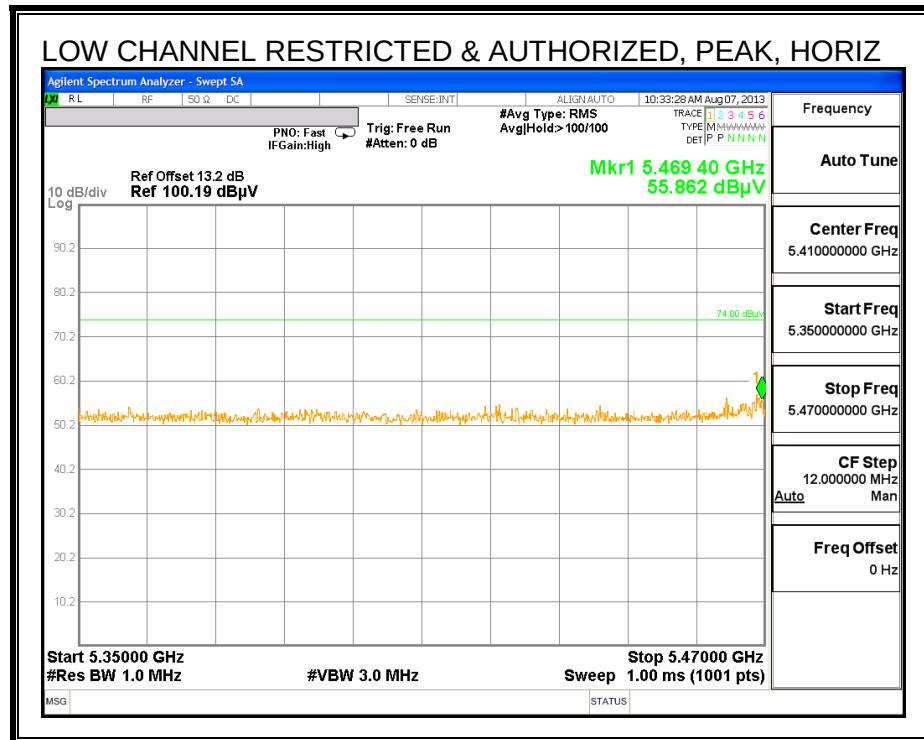
* Not in Restricted Band

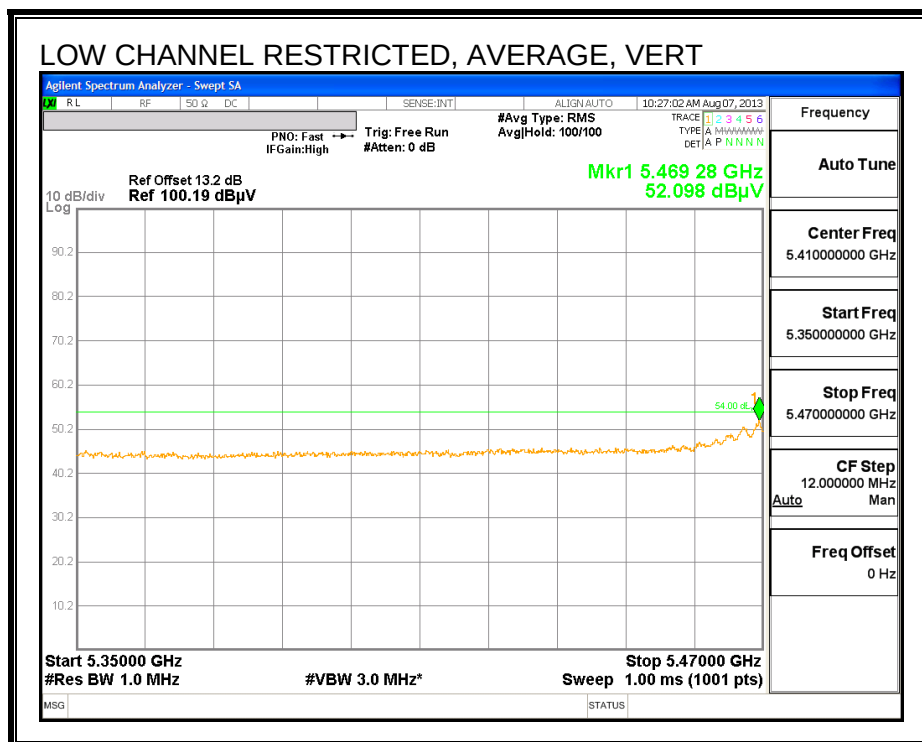
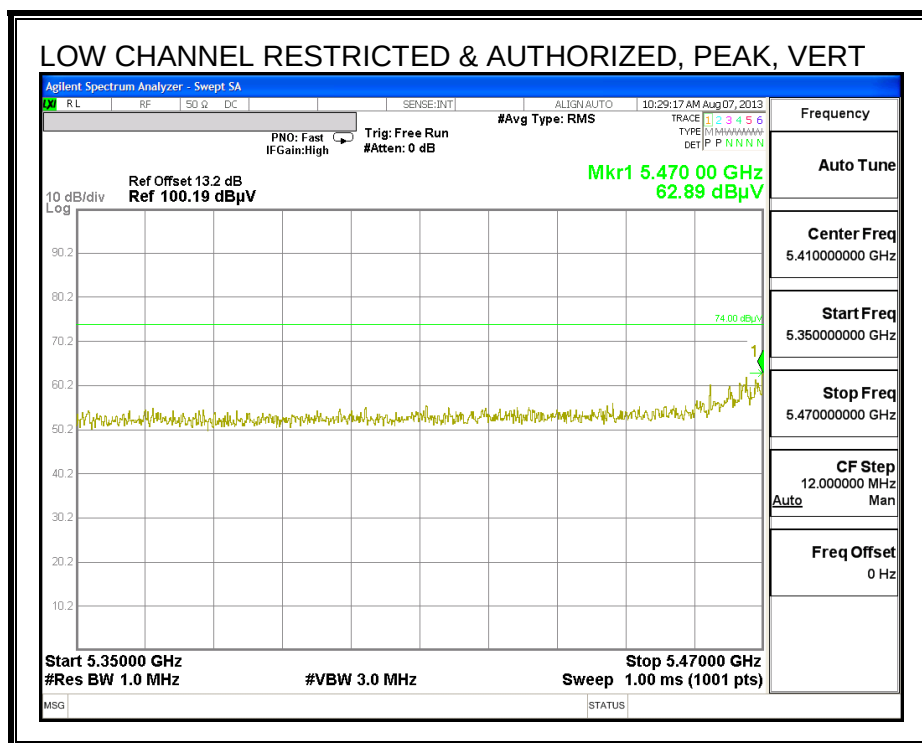
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Av Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5.023	28.51	MAv1	34.3	-22.2	40.61	53.97	-13.36	-	-	288	371	V

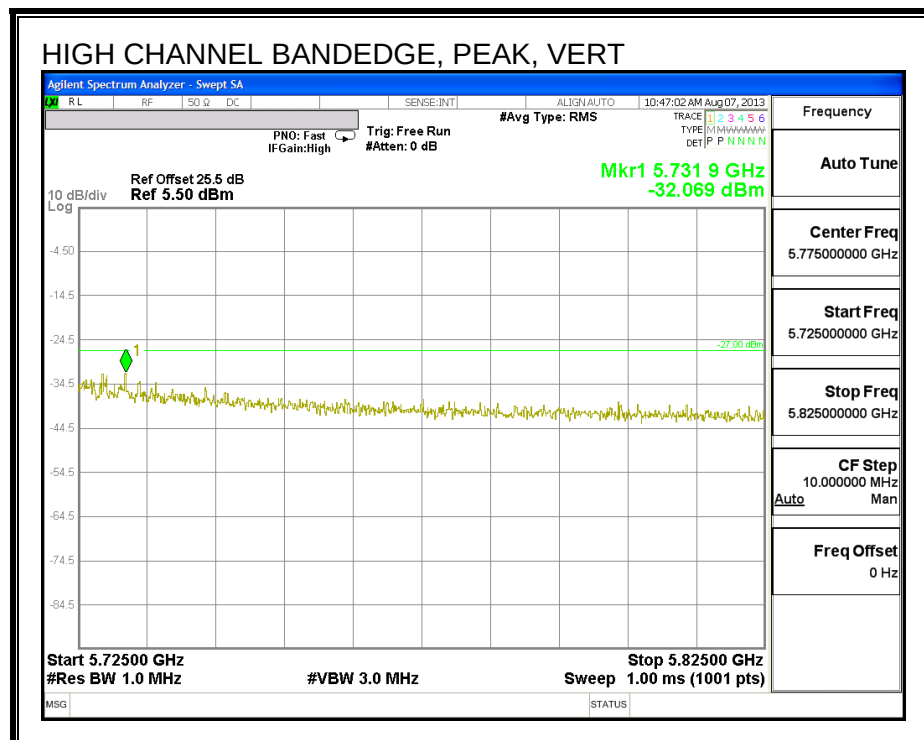
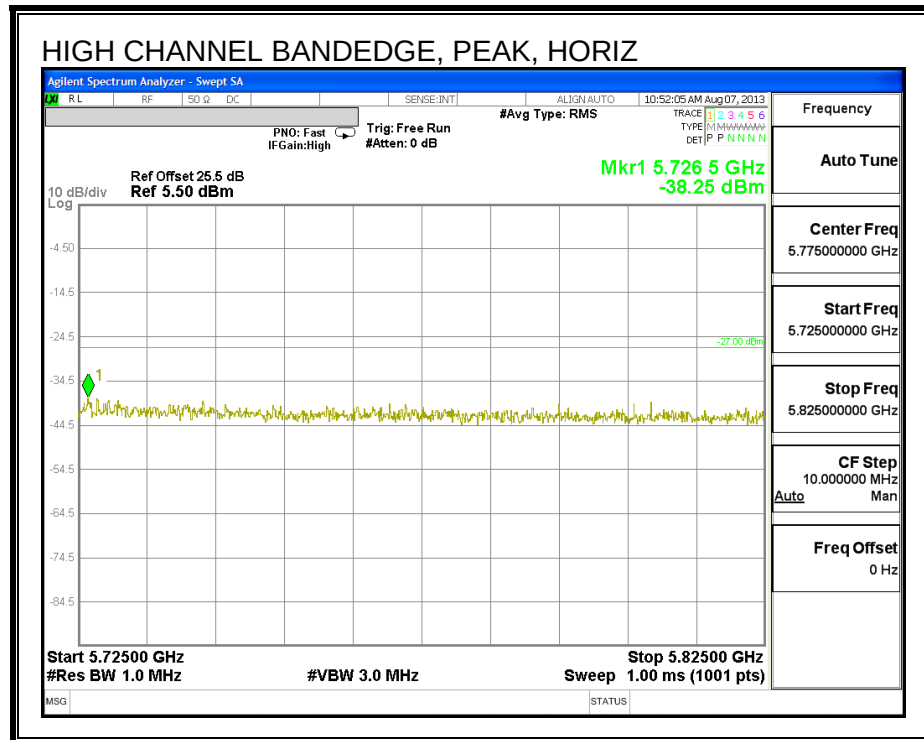
MAv1 - KDB558074 v02 10.2.3.2/8.2.1 Option 1 Maximum RMS Average

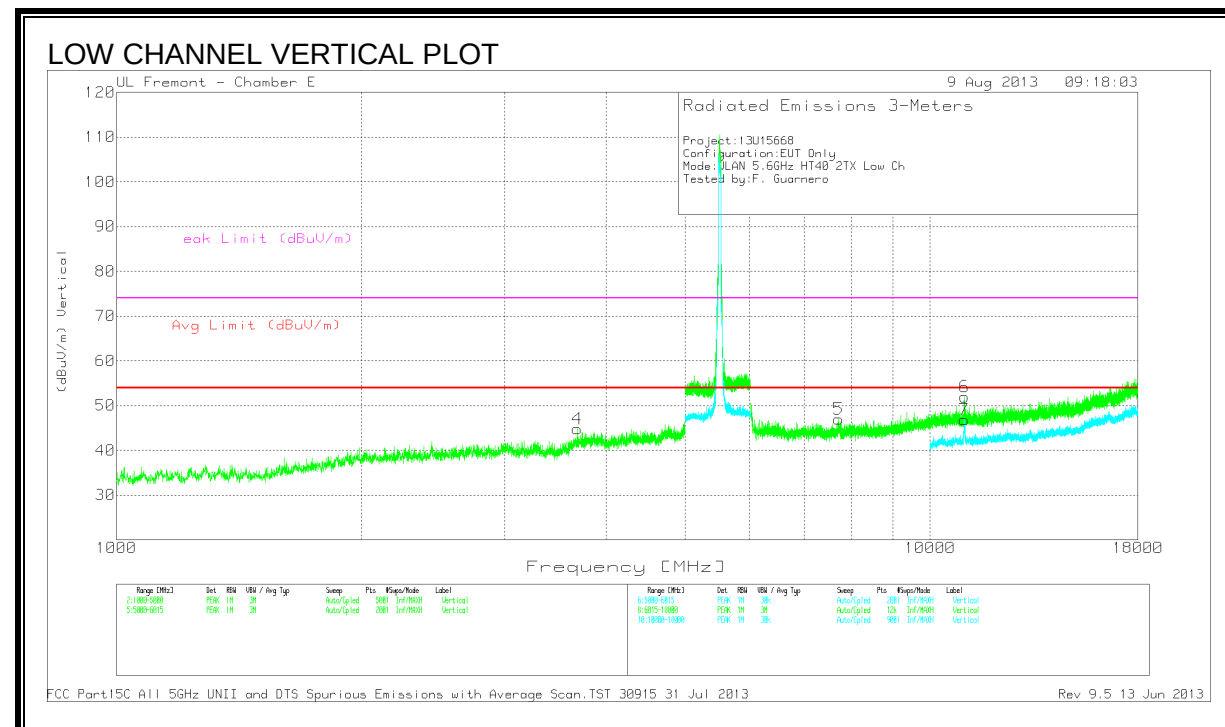
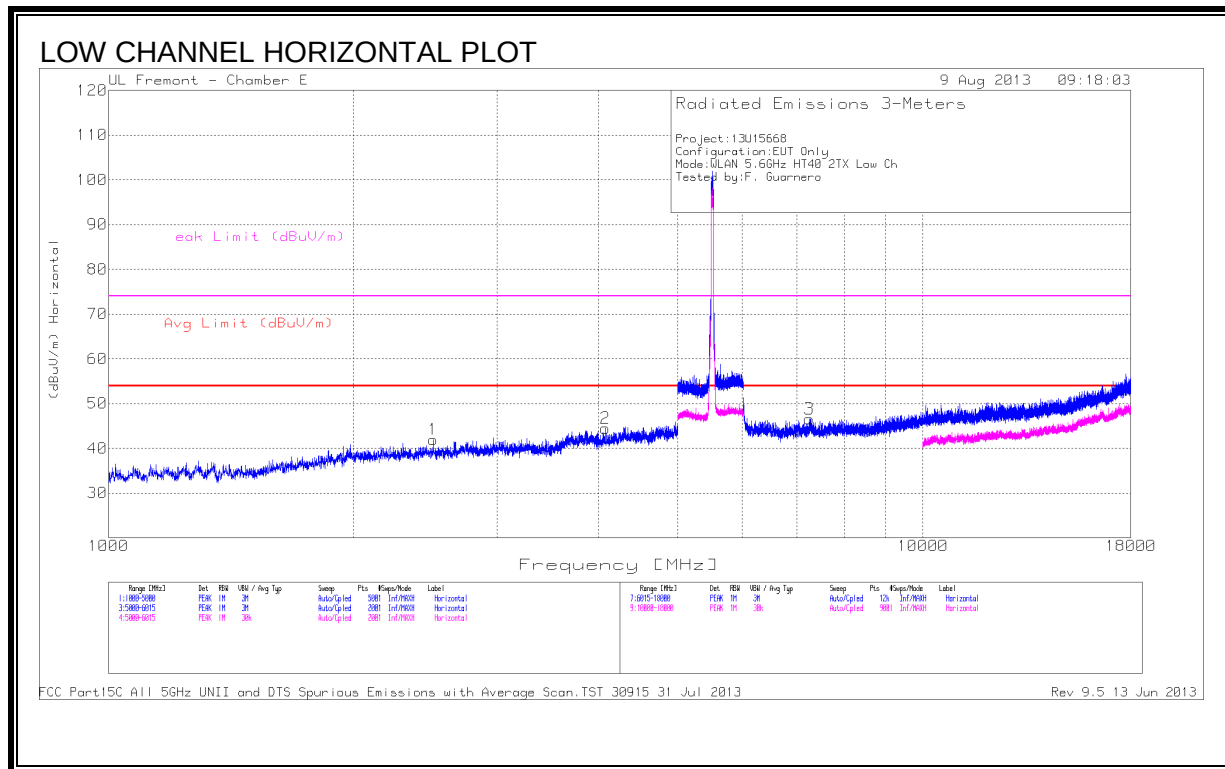
10.2.12. TX ABOVE 1 GHz 802.11n HT40 2TX CDD MODE IN THE 5.6 GHz BAND

RESTRICTED & AUTHORIZED BANDEDGE (LOW CHANNEL)





AUTHORIZED BANDEDGE (HIGH CHANNEL)

HARMONICS AND SPURIOUS EMISSIONS

DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl 5GHz LPF dB	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
1	*2.505	42.47	PK	32.7	-33.2	0	41.97	-	-	68.2	-26.23	199	H
2	4.073	42.36	PK	33.9	-31.8	0	44.46	53.97	-9.51	74	-29.54	199	H
3	7.253	39.89	PK	36	-29.3	0	46.59	53.97	-7.38	74	-27.41	199	H

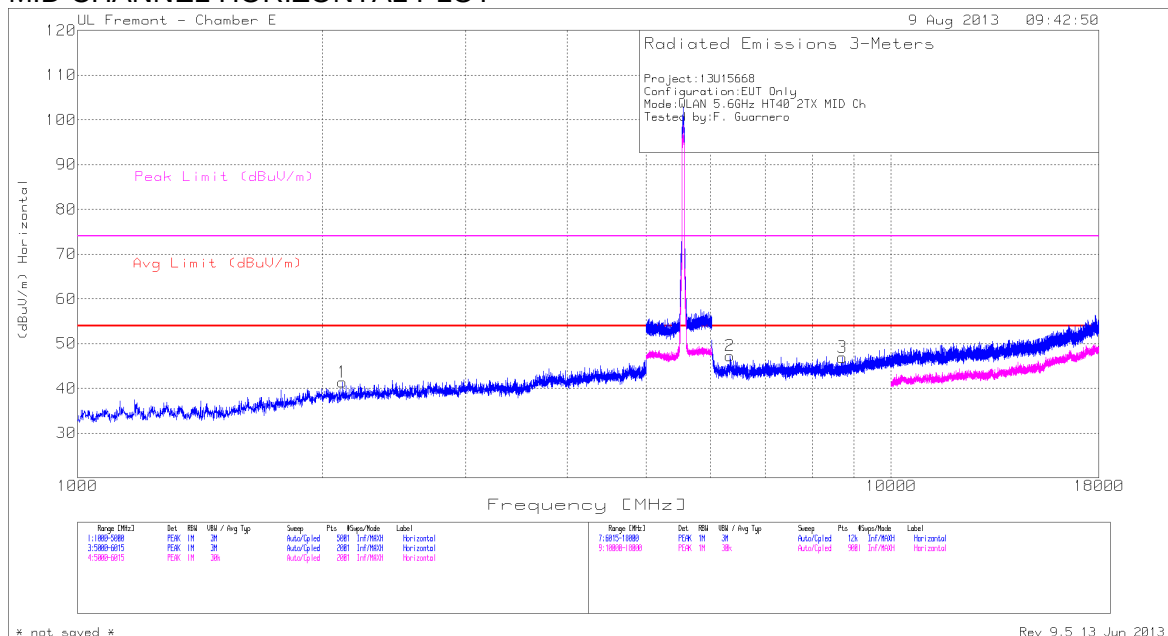
PK - Peak detector

* Not in Restricted Band

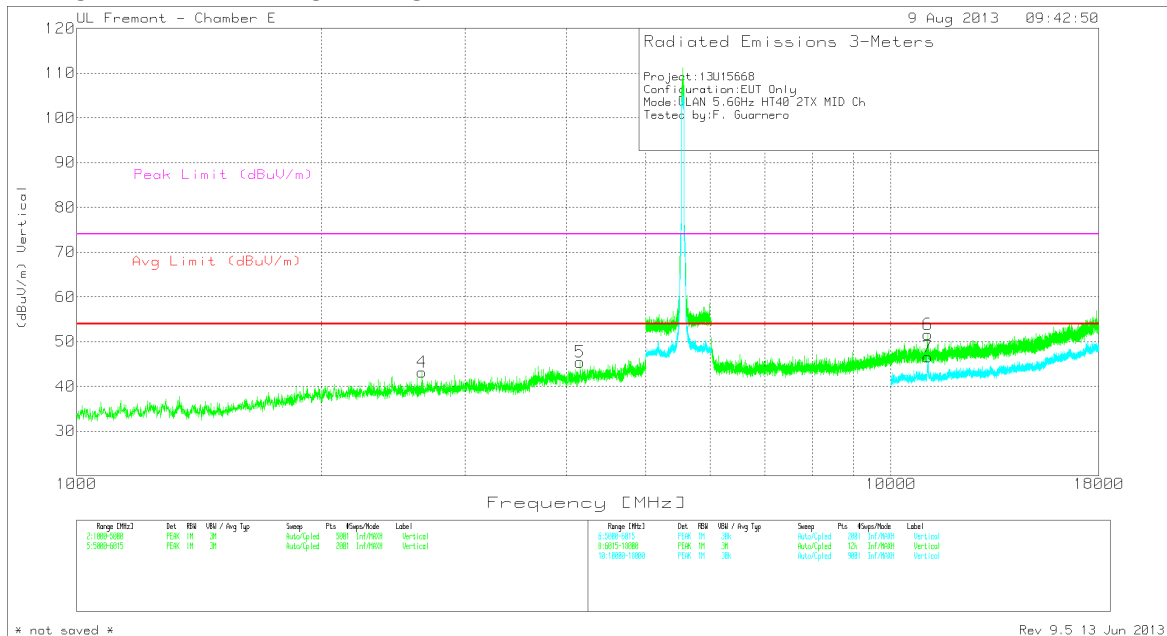
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /6GHz HPF (dB)	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
4	3.685	43.31	PK	33.5	-32	0	44.81	53.97	-9.16	74	-29.19	100	V
5	7.716	39.38	PK	36.2	-28.6	0	46.98	53.97	-6.99	74	-27.02	200	V
6	11.023	39.07	PK	38.5	-25.6	0	51.97	-	-	74	-22.03	200	V
7	11.014	33.89	PK (VB)	38.5	-25.5	0	46.89	53.97	-7.08	-	-	100	V

PK - Peak detector

MID CHANNEL HORIZONTAL PLOT



MID CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl 5GHz LPF dB	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
1	*2.117	43.57	PK	32.2	-34.4	0	41.37	-	-	68.2	-26.83	100	H
2	*6.338	40.68	PK	35.9	-29.3	0	47.28	-	-	68.2	-20.92	199	H
3	*8.712	38.02	PK	36.5	-27.6	0	46.92	-	-	68.2	-21.28	100	H

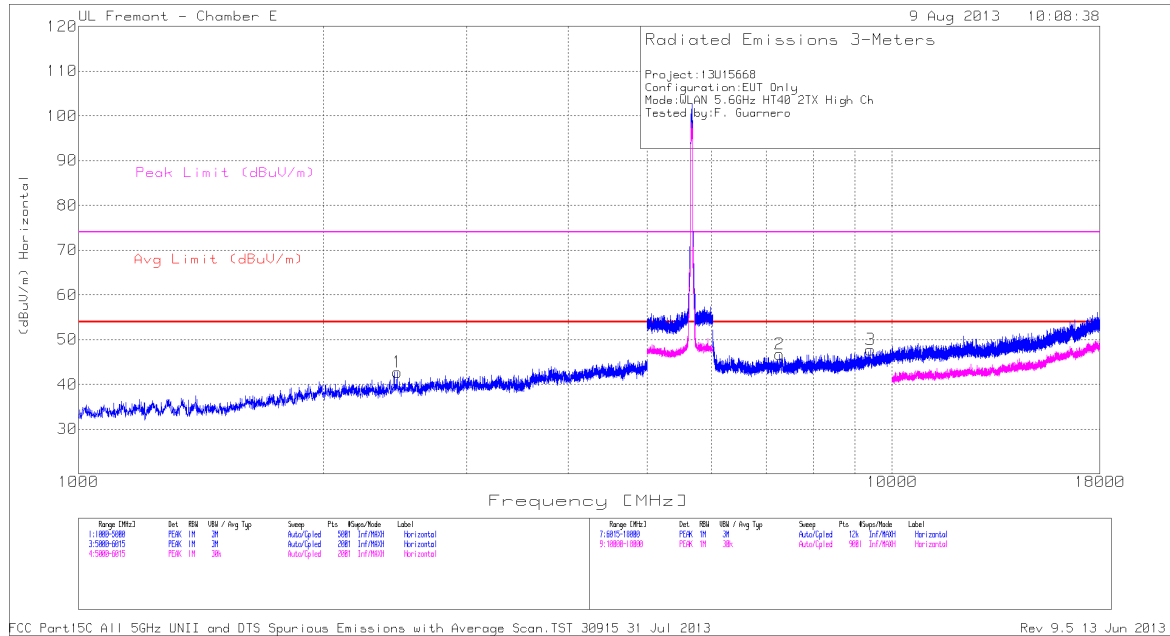
PK - Peak detector

* Not in Restricted Band

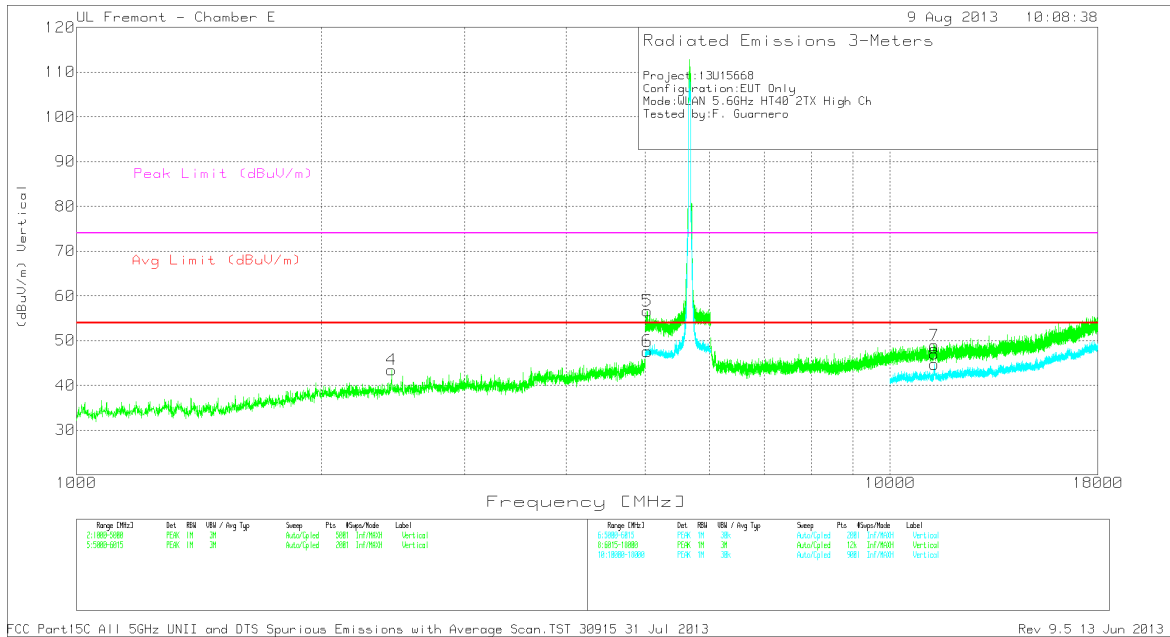
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /6GHz HPF (dB)	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
4	*2.654	43.88	PK	33	-33.7	0	43.18	-	-	68.2	-25.02	101	V
5	4.151	43.43	PK	33.9	-31.9	0	45.43	53.97	-8.54	74	-28.57	101	V
6	11.105	38.59	PK	38.5	-25.5	0	51.59	-	-	74	-22.41	100	V
7	11.098	33.61	PK (VB)	38.5	-25.5	0	46.61	53.97	-7.36	-	-	100	V

PK - Peak detector

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading	Det	AF T346 (dB/m)	Amp/Cb 15GHz LPF dB	DC Corr [dB]	Corrected Reading	Avg Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	Margin (dB)	Height (cm)	Polarity
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		(dBuV)					(dBuV/m)						
1	*2.466	43.12	PK	32.7	-33.1	0	42.72	-	-	68.2	-25.48	199	H
2	7.271	39.76	PK	36	-29	0	46.76	53.97	-7.21	74	-27.24	199	H
3	9.407	37.05	PK	37.4	-26.7	0	47.75	53.97	-6.22	74	-26.25	199	H

PK - Peak detector

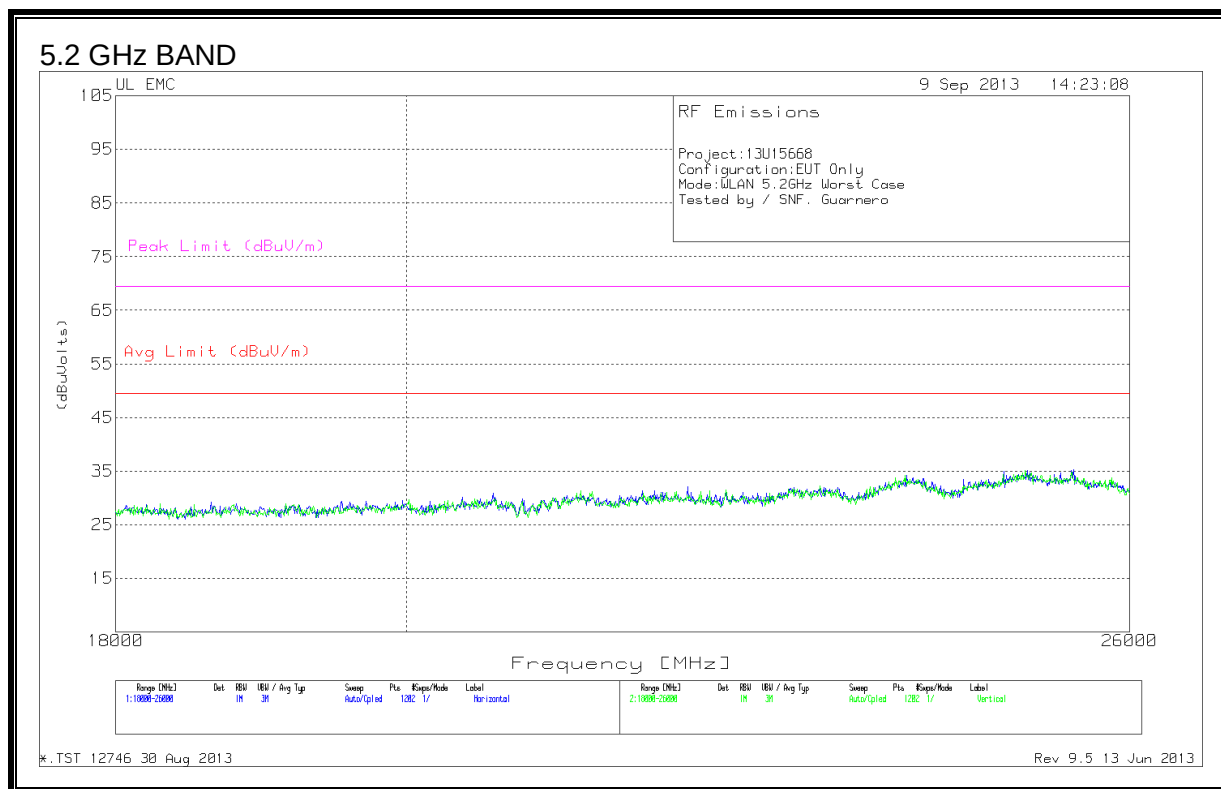
* Not in Restricted Band

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/C bl/10dB Pad (dB)	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
4	*2.439	44.29	PK	32.6	-33.4	0	43.49	-	-	68.2	-24.71	200	V
5	5.028	44.43	PK	34.4	-22.2	0	56.63	-	-	74	-17.37	199	V
6	5.029	35.41	PK (VB)	34.4	-22.2	0	47.61	53.97	-6.36	-	-	101	V
7	11.335	35.44	PK	38.6	-25.1	0	48.94	-	-	74	-25.06	199	V
8	11.337	31.16	PK (VB)	38.6	-25	0	44.76	53.97	-9.21	-	-	199	V

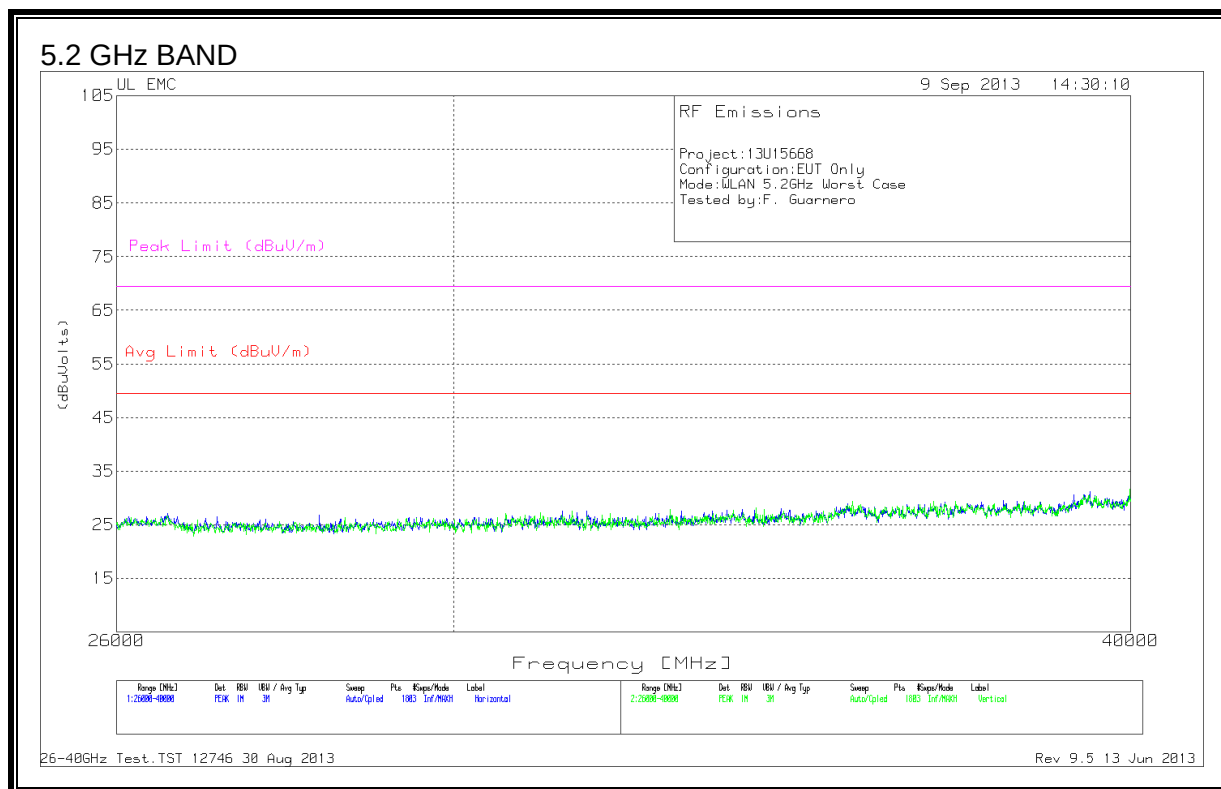
PK - Peak detector

10.3. WORST-CASE ABOVE 18 GHz

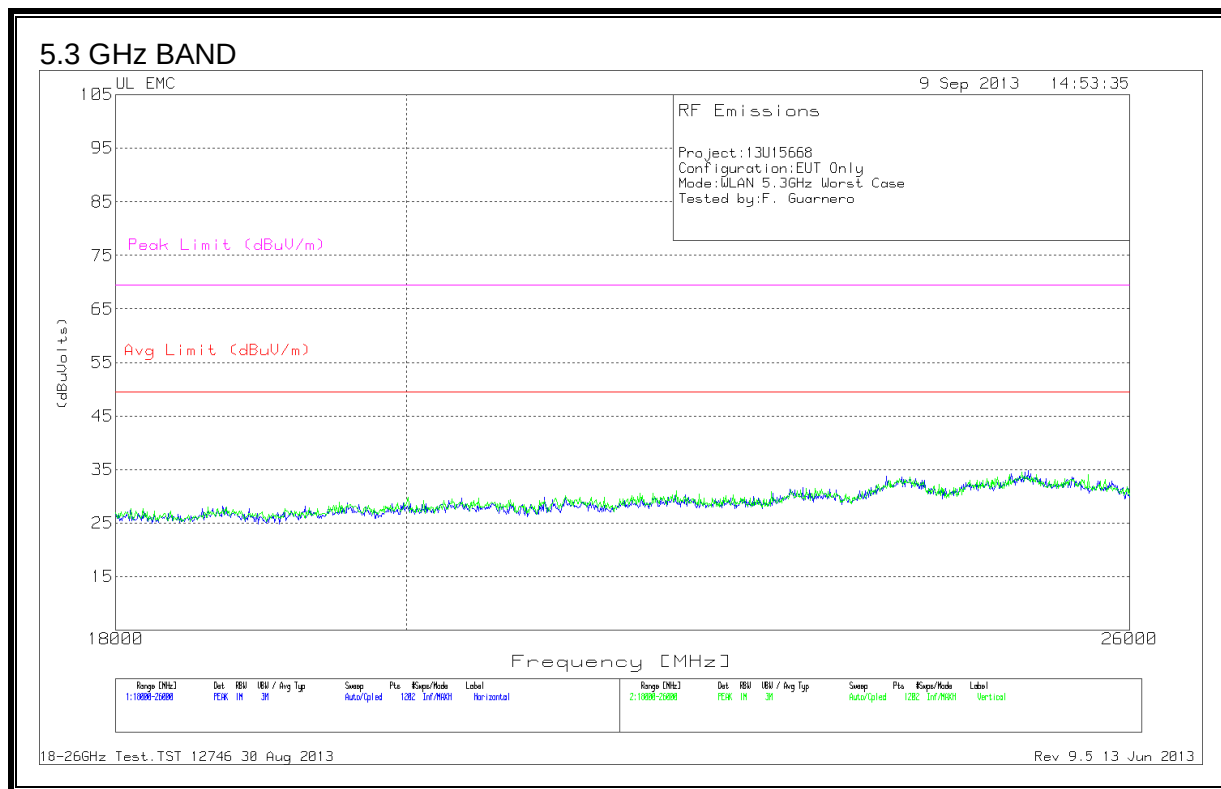
SPURIOUS EMISSIONS 18 TO 26 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)



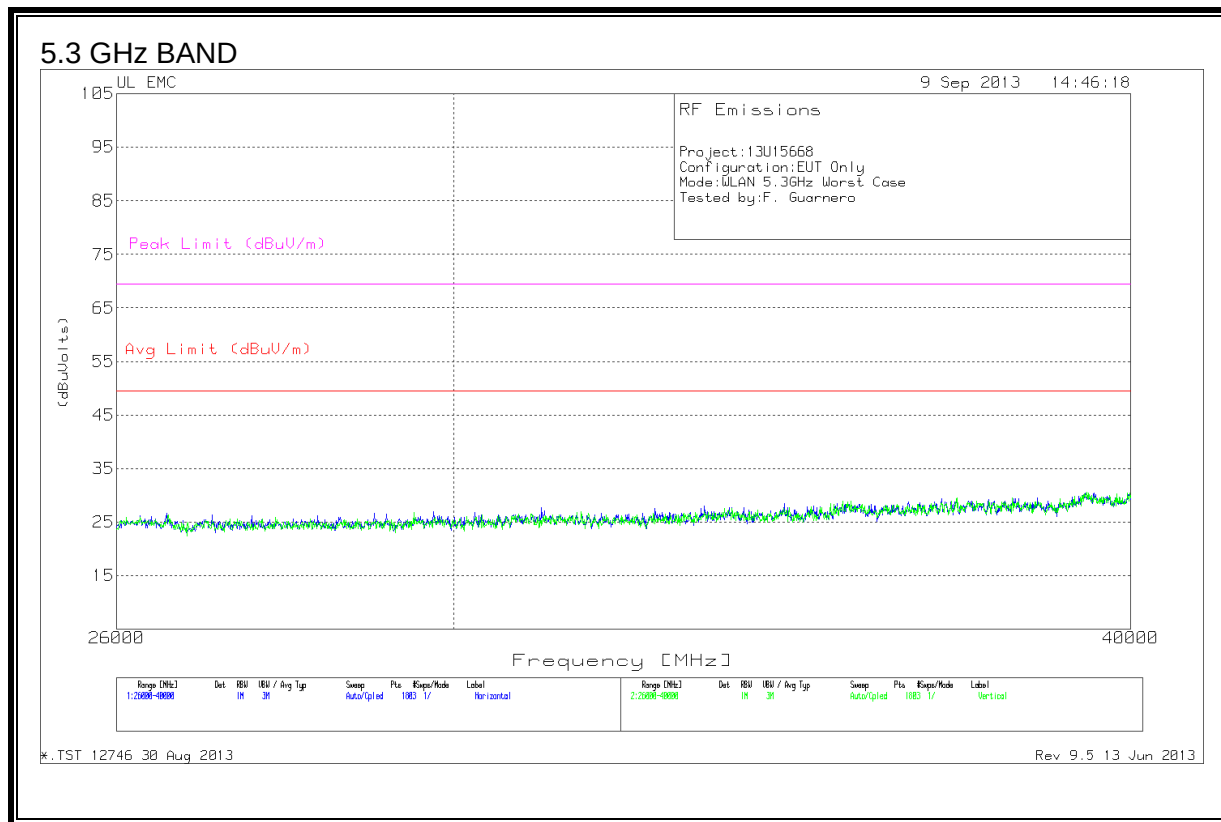
SPURIOUS EMISSIONS 26 TO 40 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)



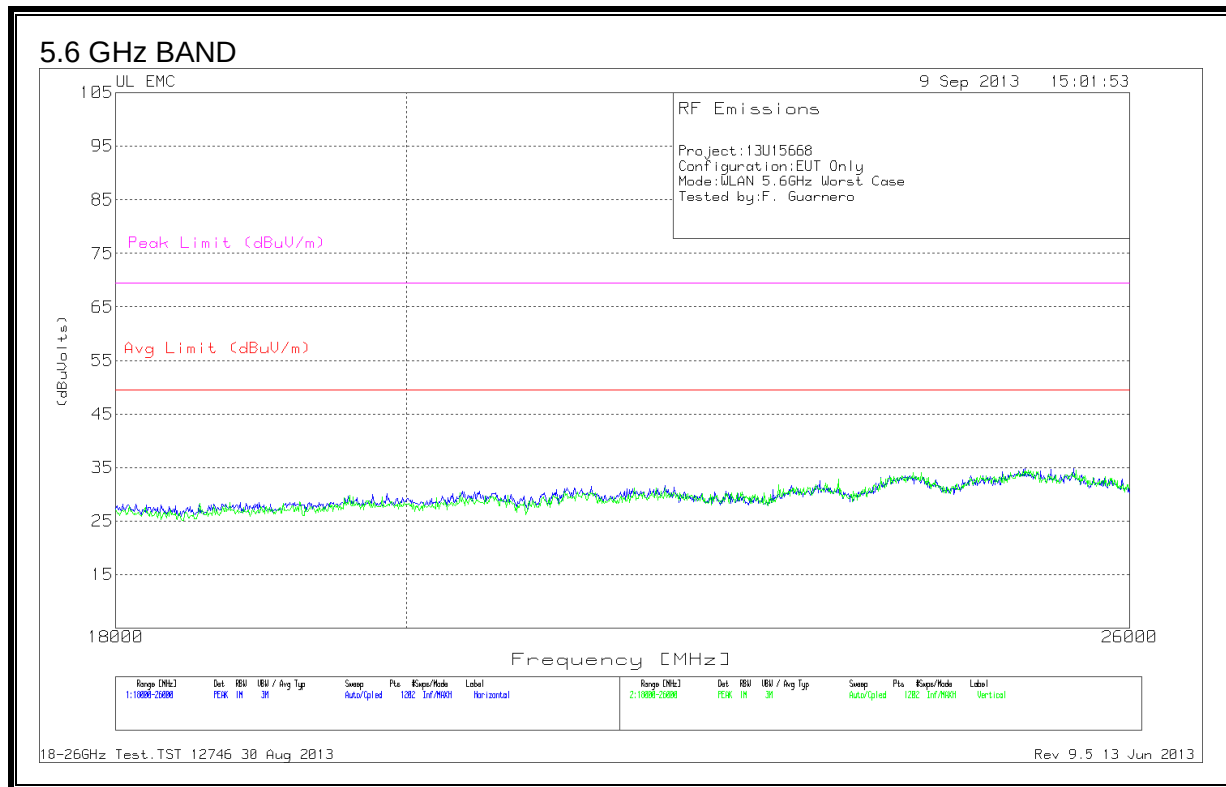
SPURIOUS EMISSIONS 18 TO 26 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)



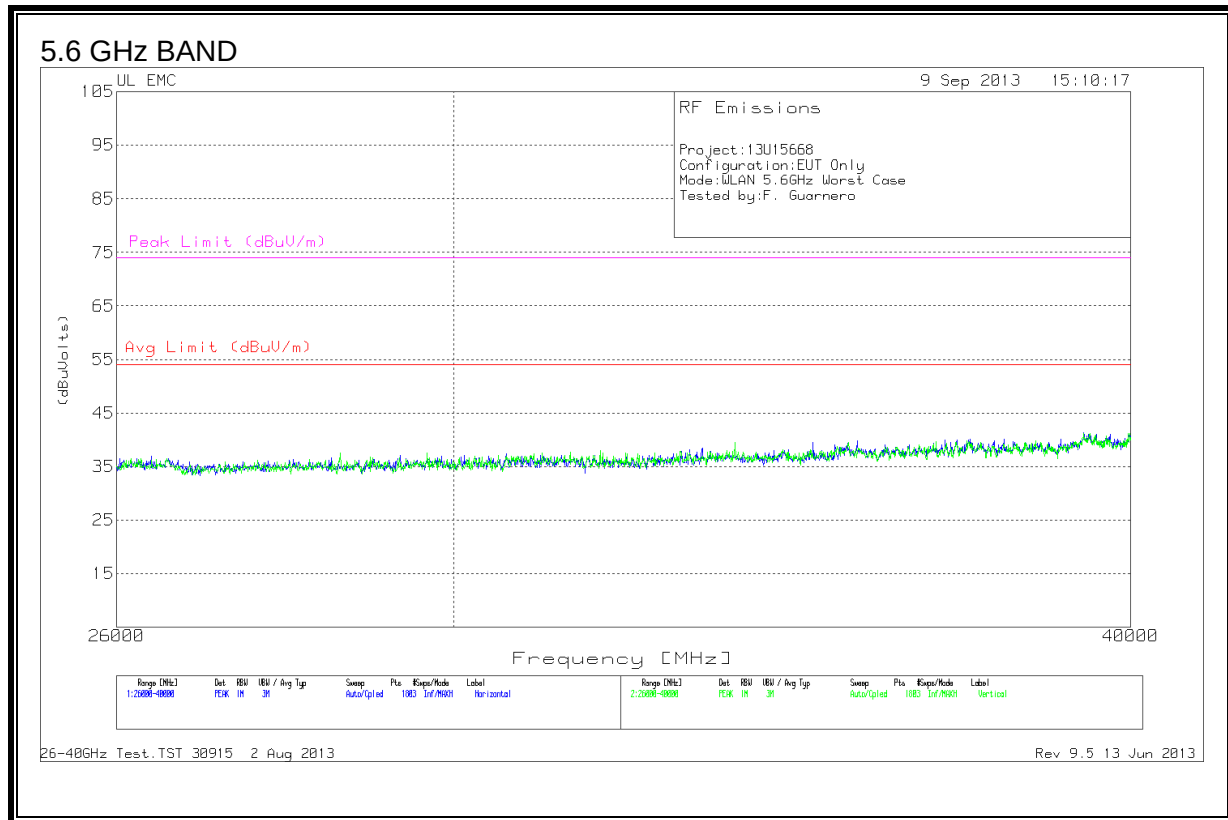
SPURIOUS EMISSIONS 26 TO 40 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)



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

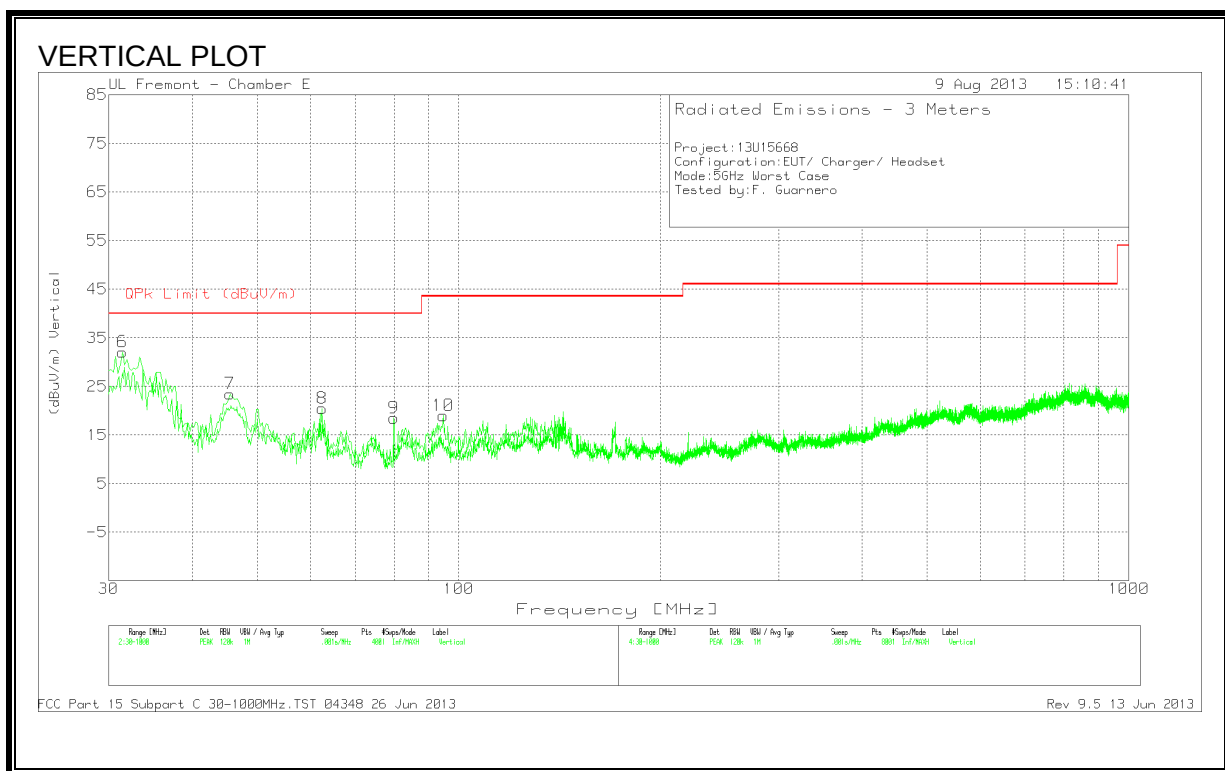
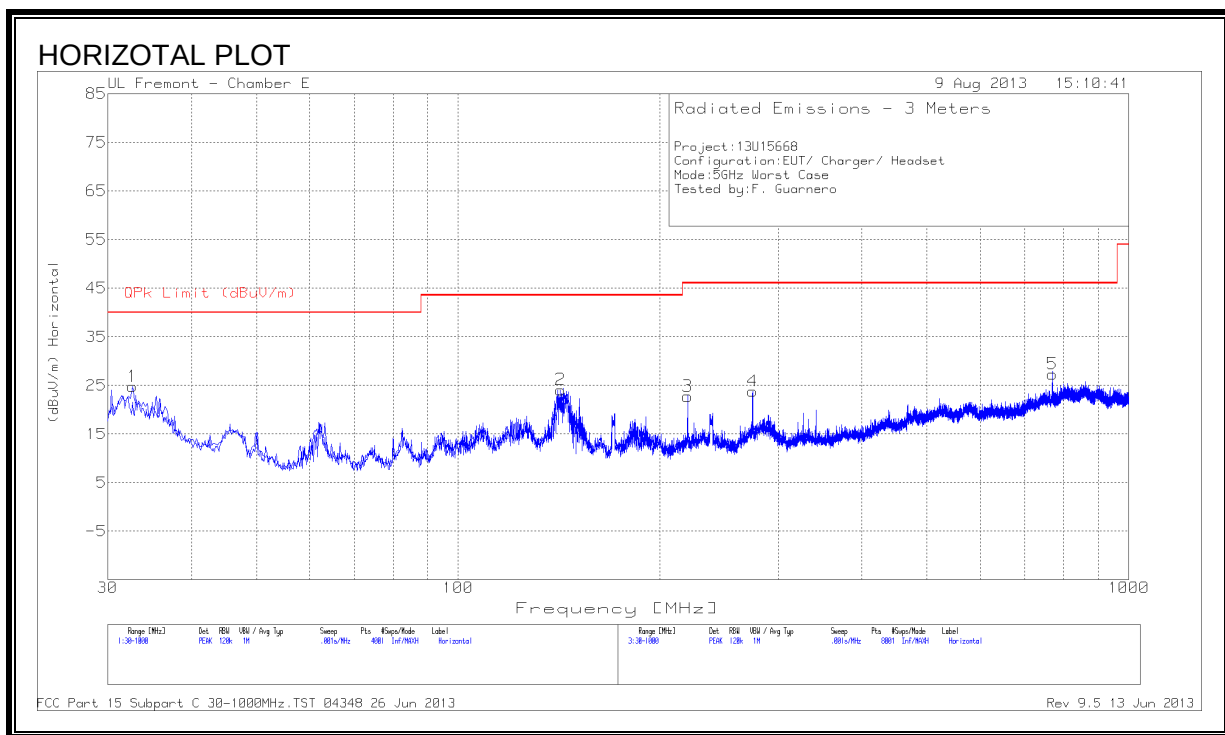


SPURIOUS EMISSIONS 26 TO 40 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)



10.4. WORST-CASE BELOW 1 GHz

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



DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Height (cm)	Polarity
1	32.6675	33.28	PK	19.2	-27.7	24.78	40	-15.22	300	H
2	142.035	38.36	PK	12.7	-27	24.06	43.52	-19.46	200	H
3	219.8775	39.23	PK	10.6	-27.1	22.73	46.02	-23.29	98	H
4	274.925	36.89	PK	13.3	-26.4	23.79	46.02	-22.23	98	H
5	769.5038	32.81	PK	20.5	-26	27.31	46.02	-18.71	100	H
6	31.455	39.74	PK	20	-27.7	32.04	40	-7.96	100	V
7	45.52	40.82	PK	10.1	-27.5	23.42	40	-16.58	100	V
8	62.495	40.76	PK	7.7	-28	20.46	40	-19.54	100	V
9	79.955	38.52	PK	7.7	-27.7	18.52	40	-21.48	400	V
10	94.7475	38.09	PK	8.5	-27.6	18.99	43.52	-24.53	100	V

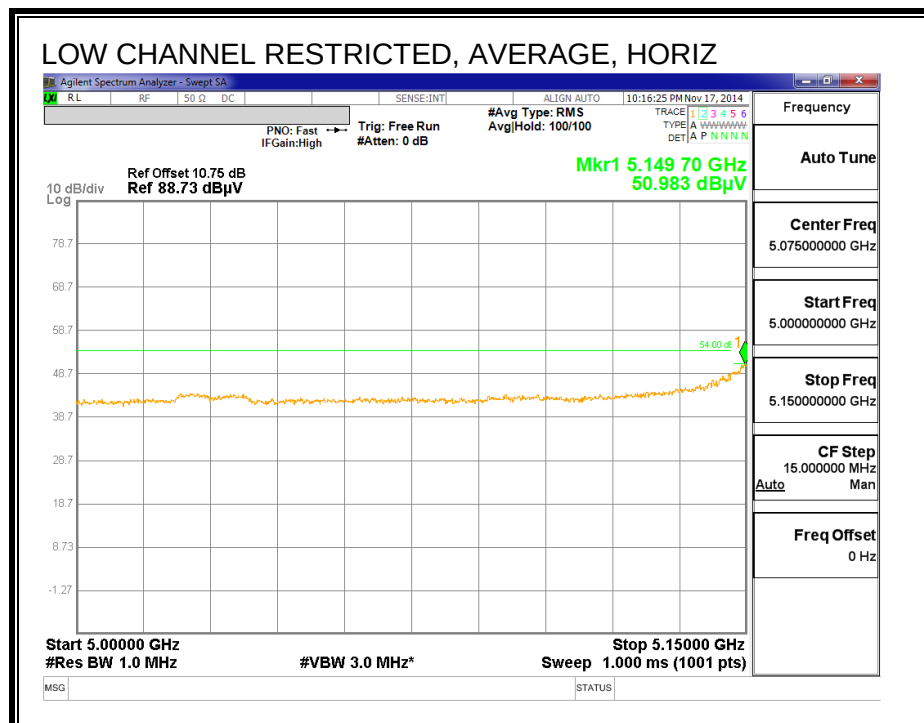
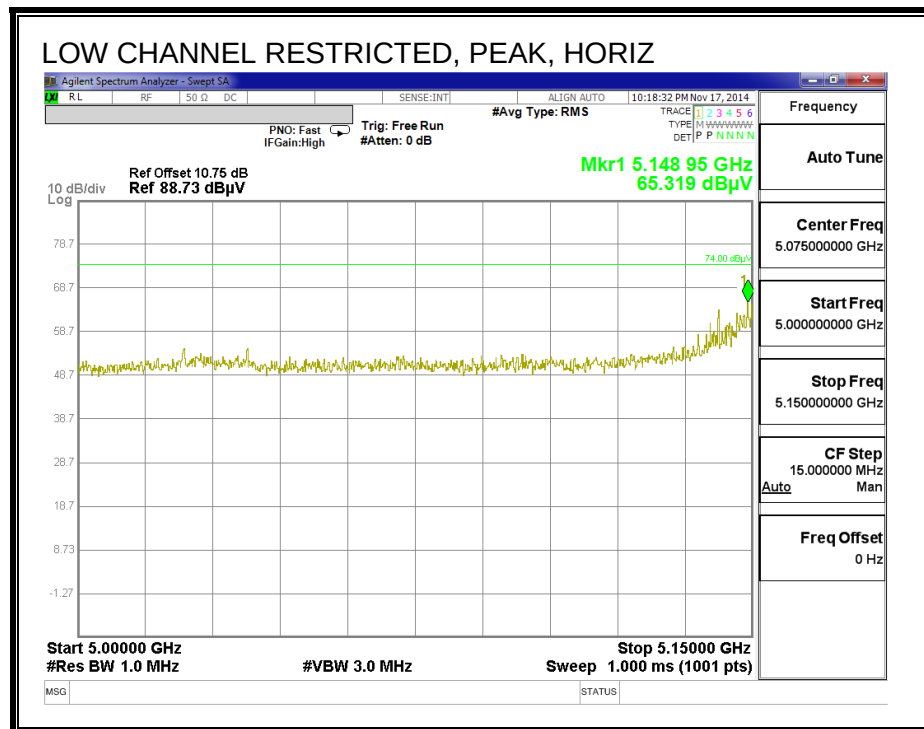
PK - Peak detector

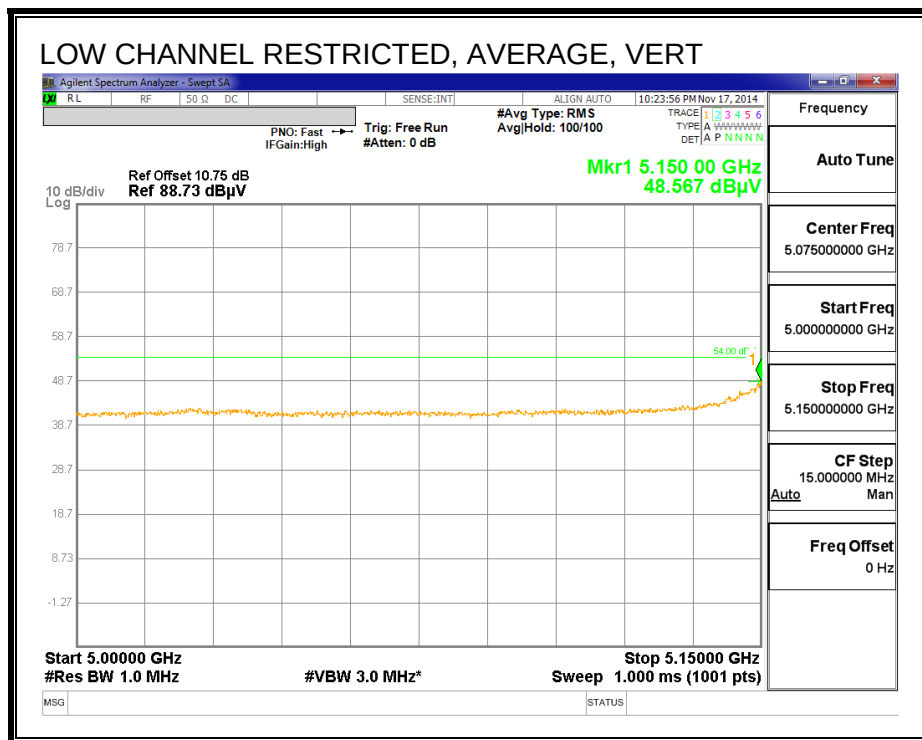
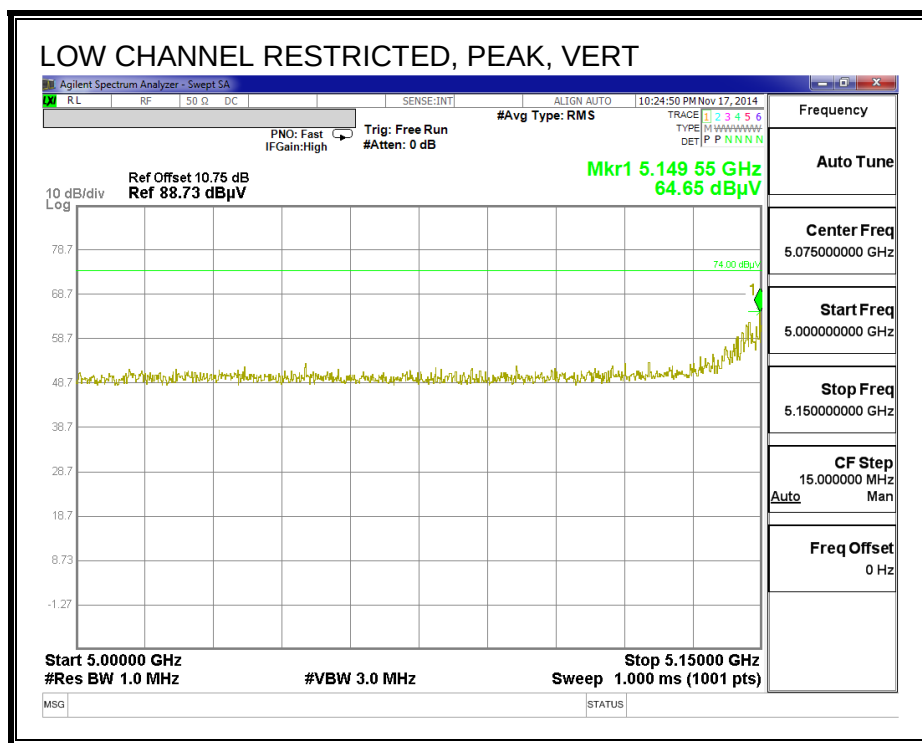
11. RADIATED TEST RESULTS (MODELS: A1622, A1623)

11.1. MODEL: A1622

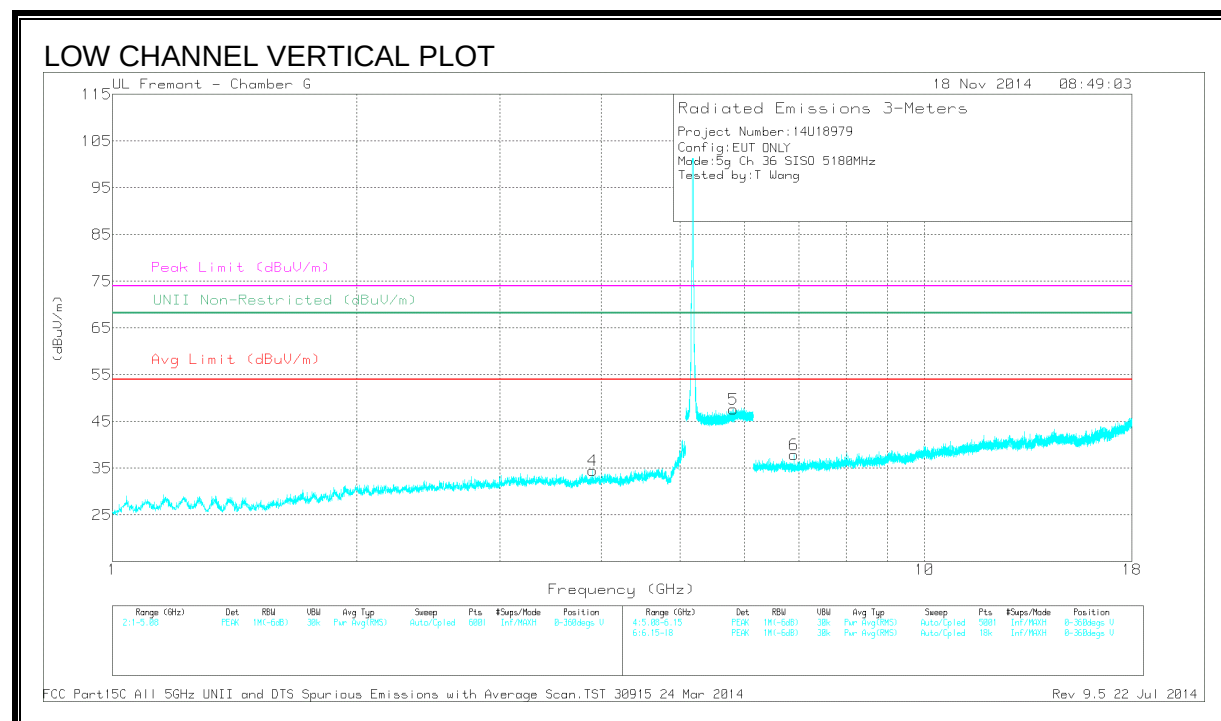
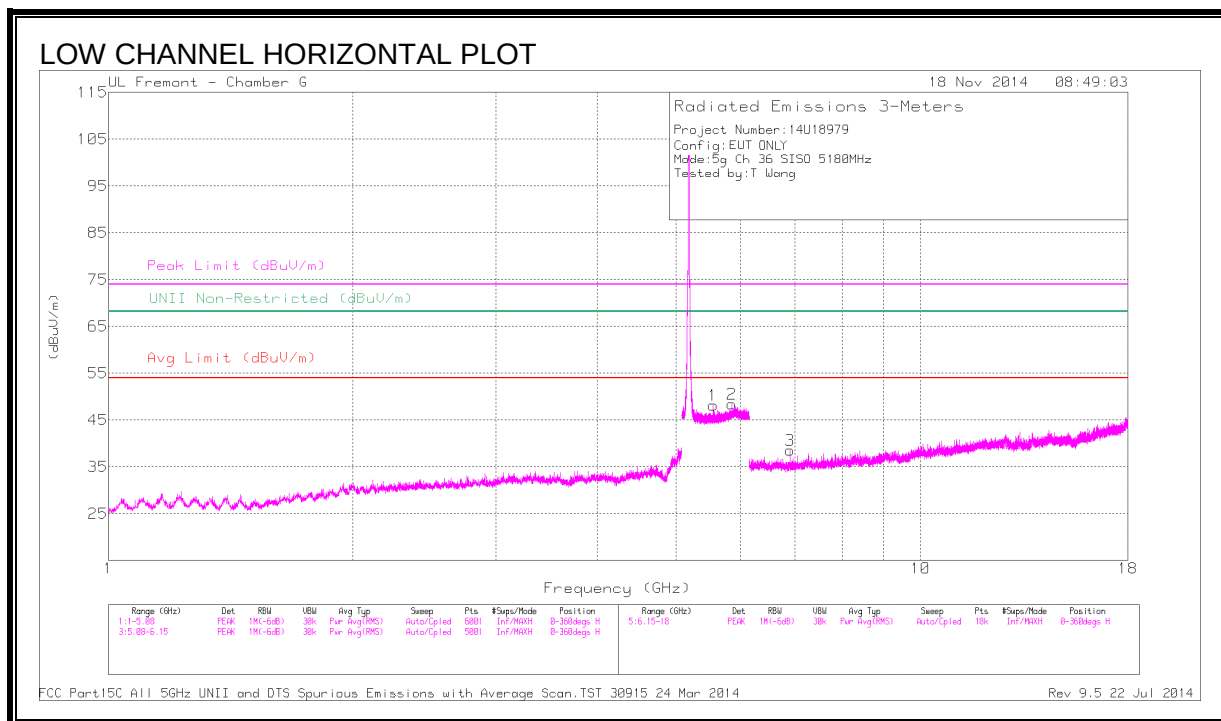
11.1.1. TX ABOVE 1 GHz 802.11a 1Tx MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)





HARMONICS AND SPURIOUS EMISSIONS



DATA

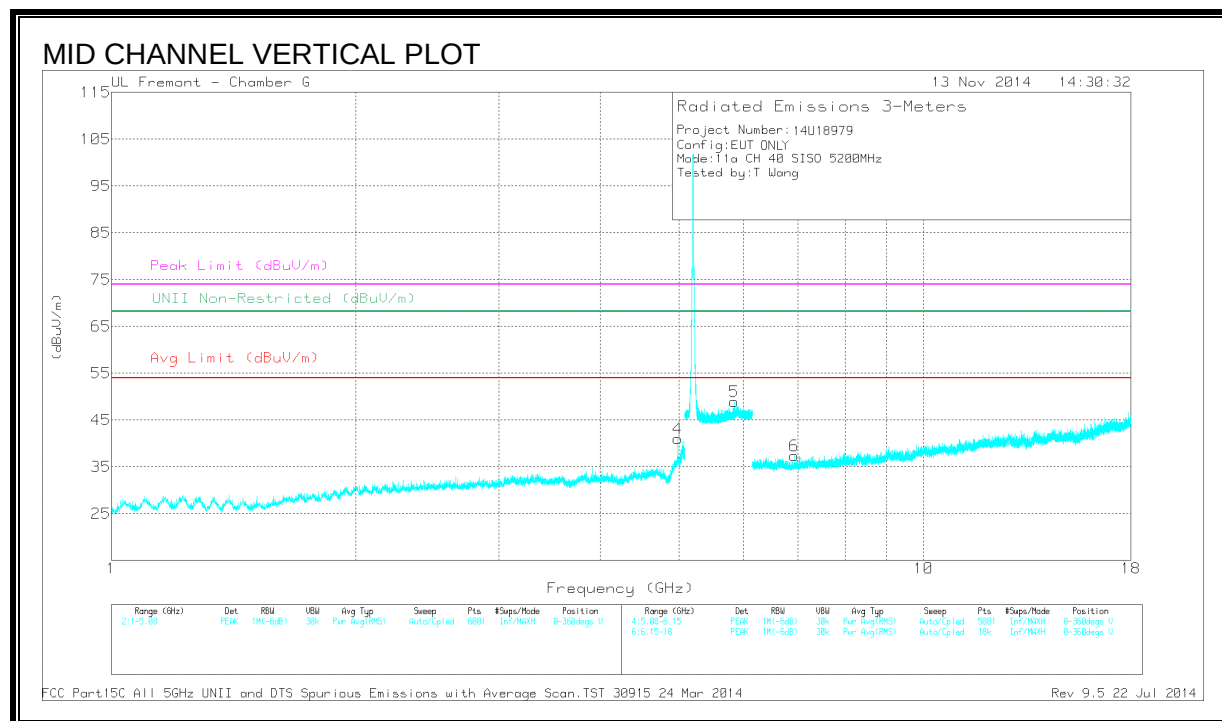
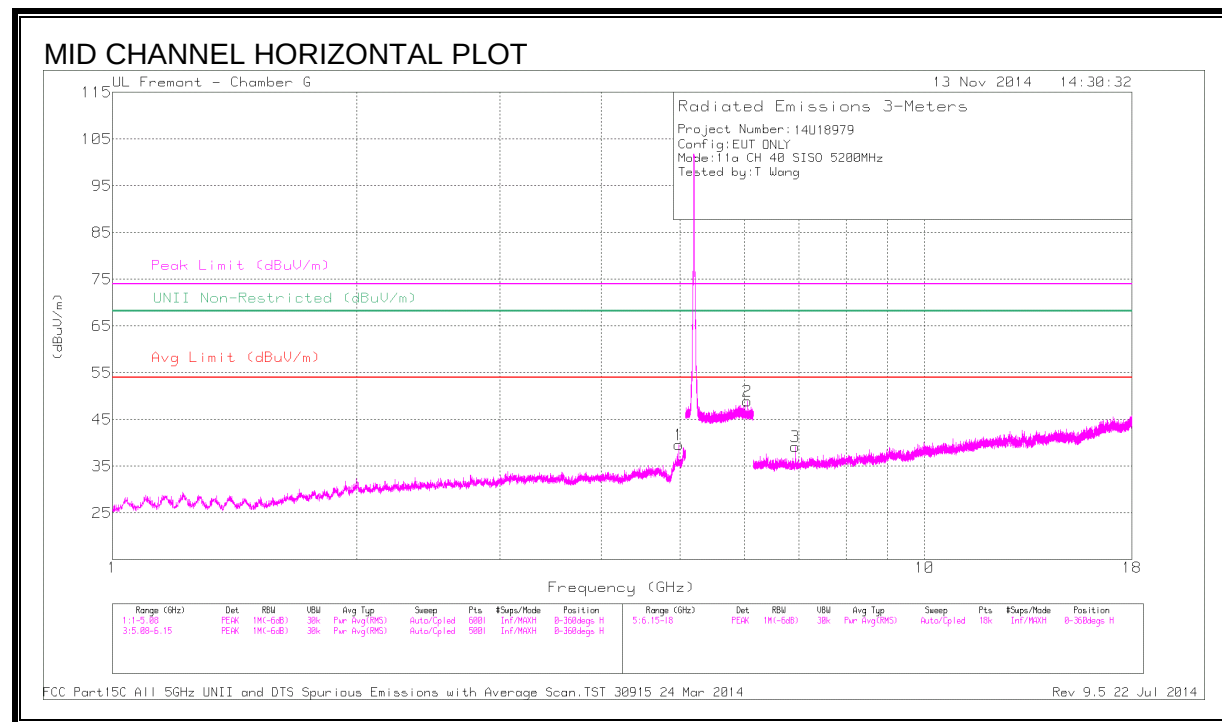
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Polarity
1	5.556	42.98	PK1	34.7	-23.6	54.08	-	-	-	-	68.2	-14.12	H
2	5.852	43.26	PK1	35.0	-23.6	54.66	-	-	-	-	68.2	-13.54	H
3	6.905	40.27	PK1	35.6	-31.8	44.07	-	-	-	-	68.2	-24.13	H
4	* 3.902	41.16	PK1	33.2	-33.8	40.56	-	-	74	-33.44	-	-	V
4	* 3.901	29.81	AD1	33.2	-33.8	29.21	54	-24.79	-	-	-	-	V
5	5.814	43.31	PK1	34.9	-23.6	54.61	-	-	-	-	68.2	-13.59	V
6	6.907	40.00	PK1	35.6	-31.8	43.80	-	-	-	-	68.2	-24.4	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average



DATA

Radiated Emissions

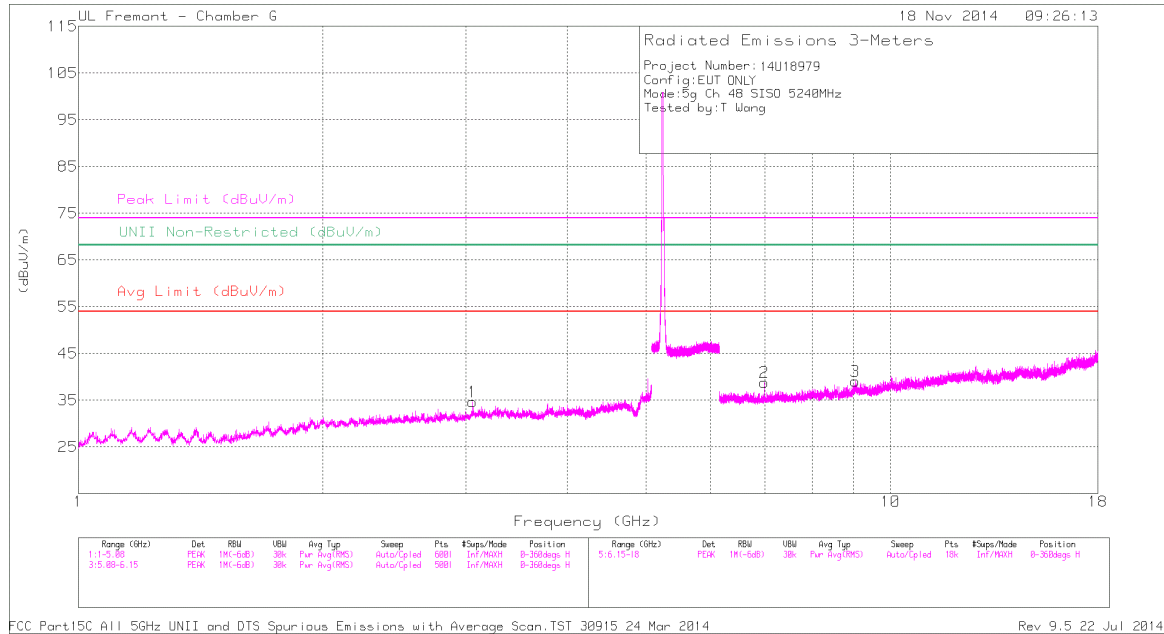
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Polarity
1	* 4.983	46.39	PK1	34.1	-31.9	48.59	-	-	74	-25.41	-	-	H
1	* 4.983	36.48	AD1	34.1	-31.9	38.68	54	-15.32	-	-	-	-	H
2	6.045	43.25	PK1	35.3	-23.5	55.05	-	-	-	-	68.2	-13.15	H
3	6.933	42.45	PK1	35.6	-31.9	46.15	-	-	-	-	68.2	-22.05	H
4	* 4.983	47.97	PK1	34.1	-31.9	50.17	-	-	74	-23.83	-	-	V
4	* 4.983	37.33	AD1	34.1	-31.9	39.53	54	-14.47	-	-	-	-	V
5	5.843	43.49	PK1	34.9	-23.6	54.79	-	-	-	-	68.2	-13.41	V
5	5.843	32.43	AD1	34.9	-23.6	43.73	-	-	-	-	-	-	V
6	6.933	41.80	PK1	35.6	-31.9	45.50	-	-	-	-	68.2	-22.70	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

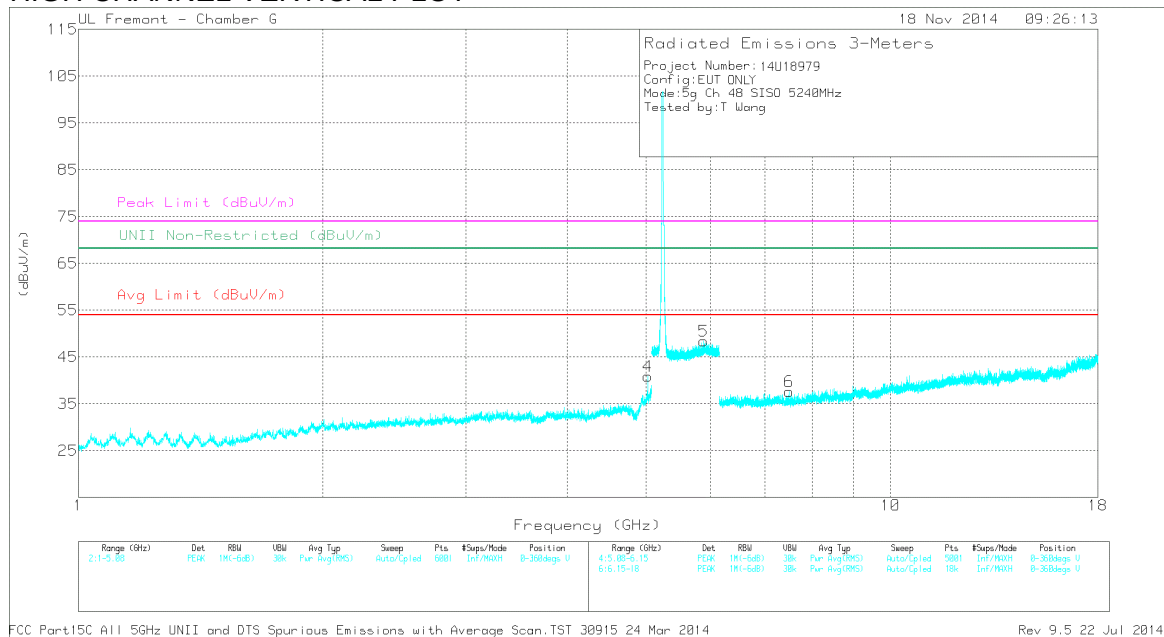
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl /Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Polarity
1	3.061	41.82	PK1	32.5	-33.4	40.92	-	-	-	-	68.2	-27.28	H
2	6.987	41.39	PK1	35.6	-31.7	45.29	-	-	-	-	68.2	-22.91	H
3	* 9.050	37.59	PK1	36.4	-28.4	45.59	-	-	74	-28.41	-	-	H
3	* 9.053	26.56	AD1	36.4	-28.3	34.66	54	-19.34	-	-	-	-	H
4	* 5.022	48.22	PK1	34.1	-32.1	50.22	-	-	74	-23.78	-	-	V
4	* 5.022	39.60	AD1	34.1	-32.1	41.60	54	-12.40	-	-	-	-	V
5	5.890	43.64	PK1	35.0	-23.6	55.04	-	-	-	-	68.2	-13.16	V
6	* 7.503	39.69	PK1	35.6	-31.3	43.99	-	-	74	-30.01	-	-	V
6	* 7.500	28.44	AD1	35.6	-31.2	32.84	54	-21.16	-	-	-	-	V

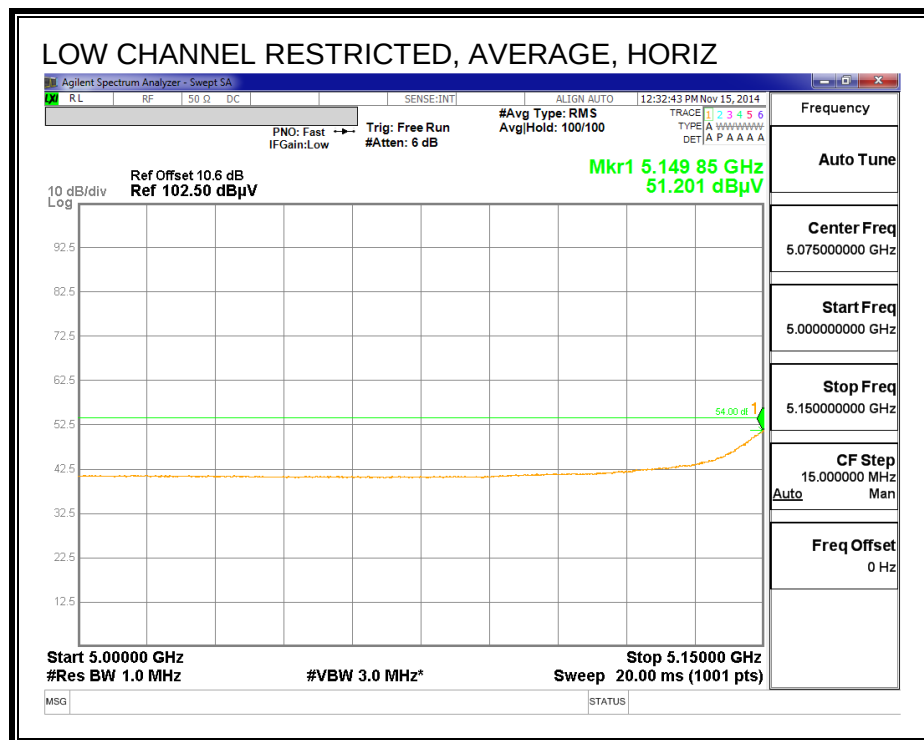
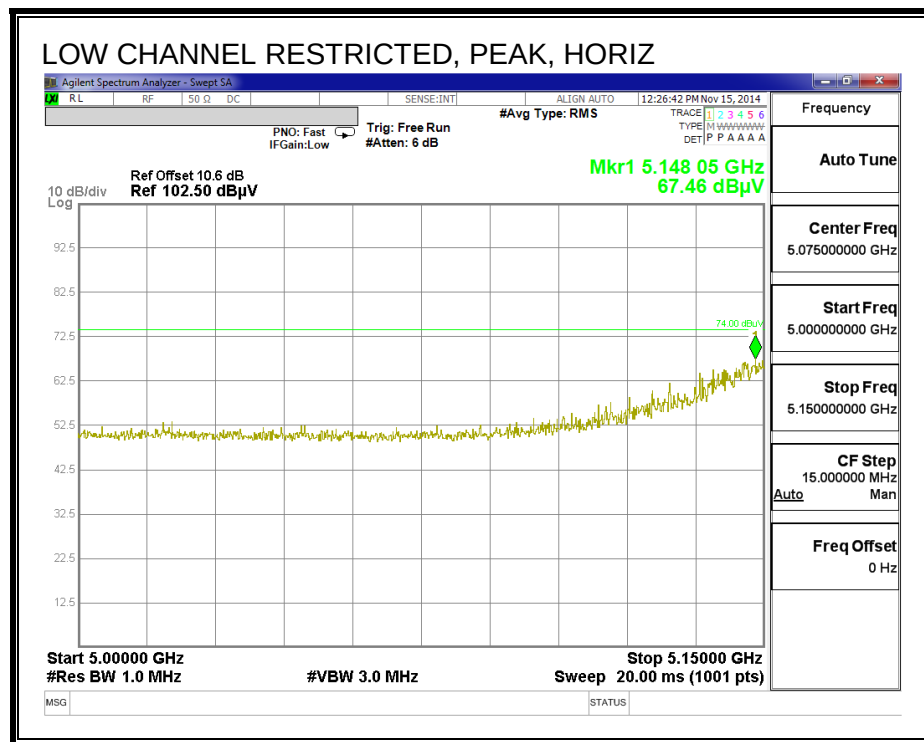
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

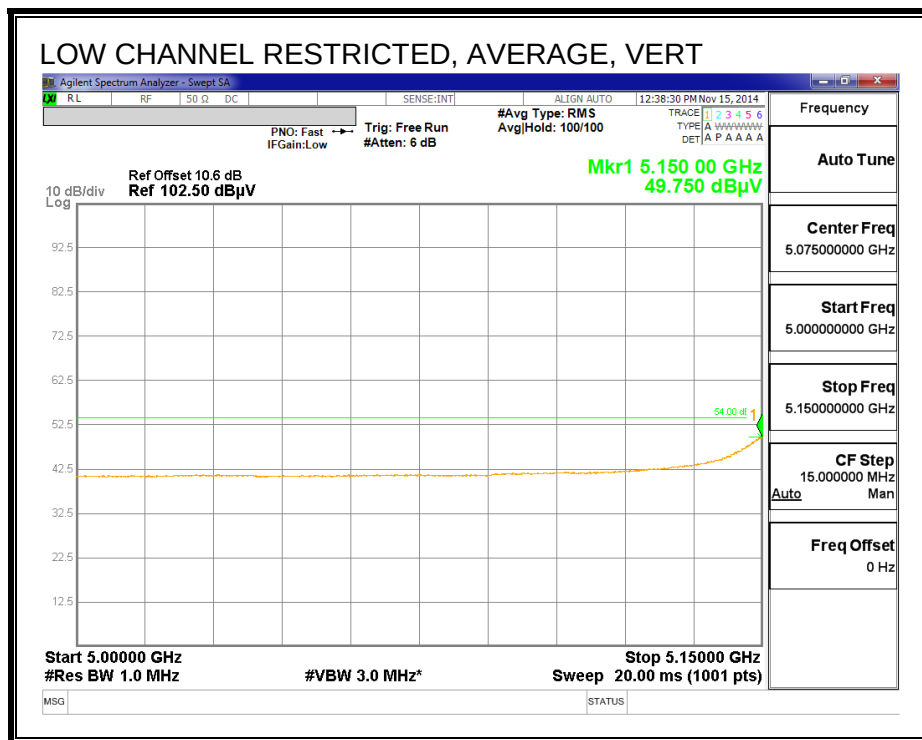
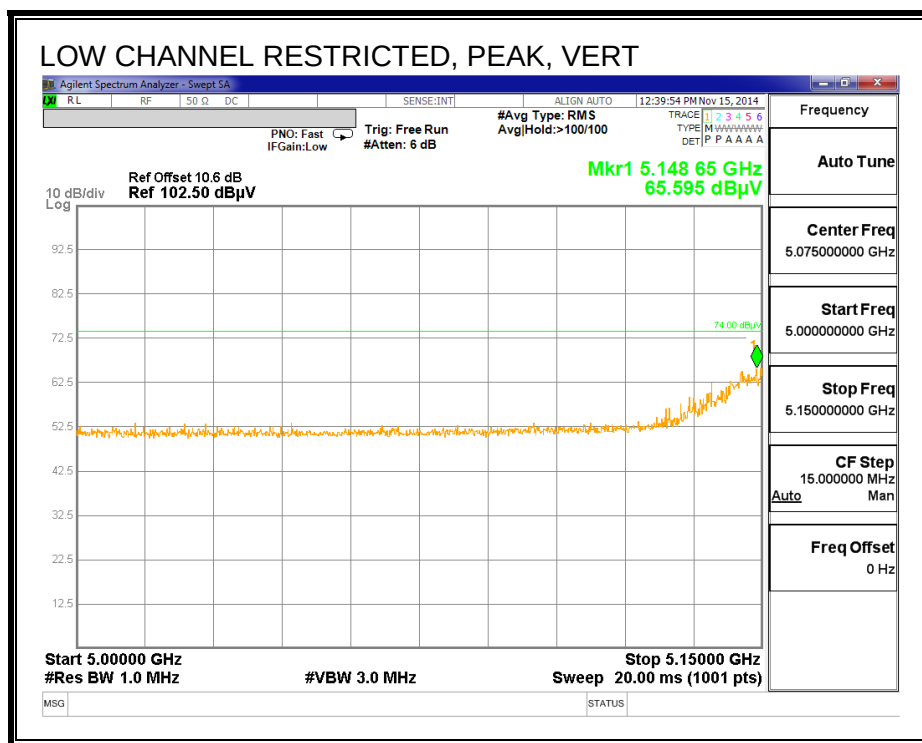
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.1.2. TX ABOVE 1 GHz 802.11n HT20 1Tx MODE IN THE 5.2 GHz BAND

RESTRICTED BANEDGE (LOW CHANNEL)



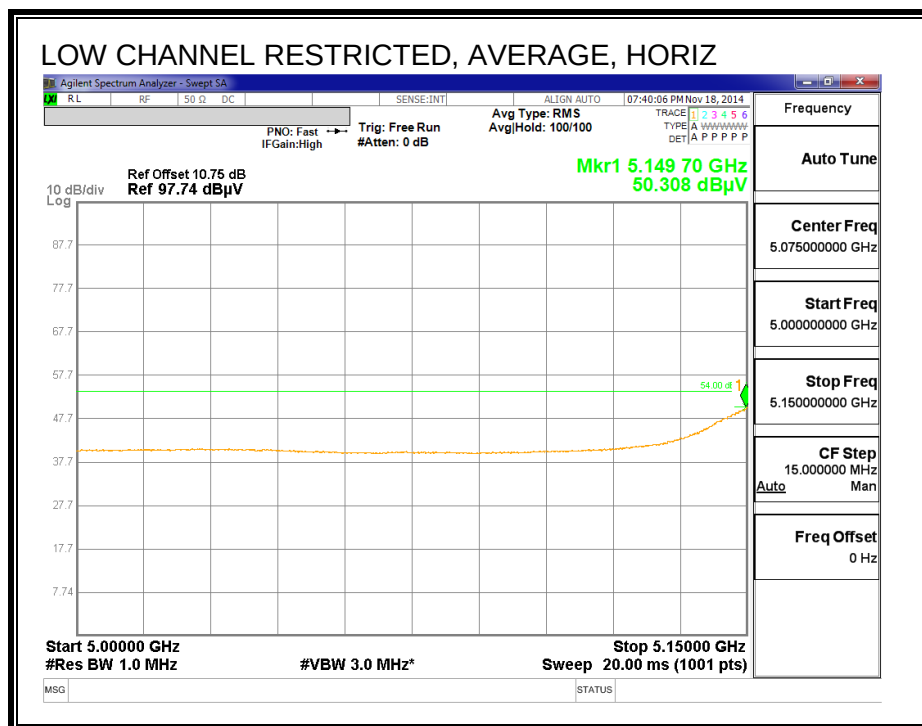
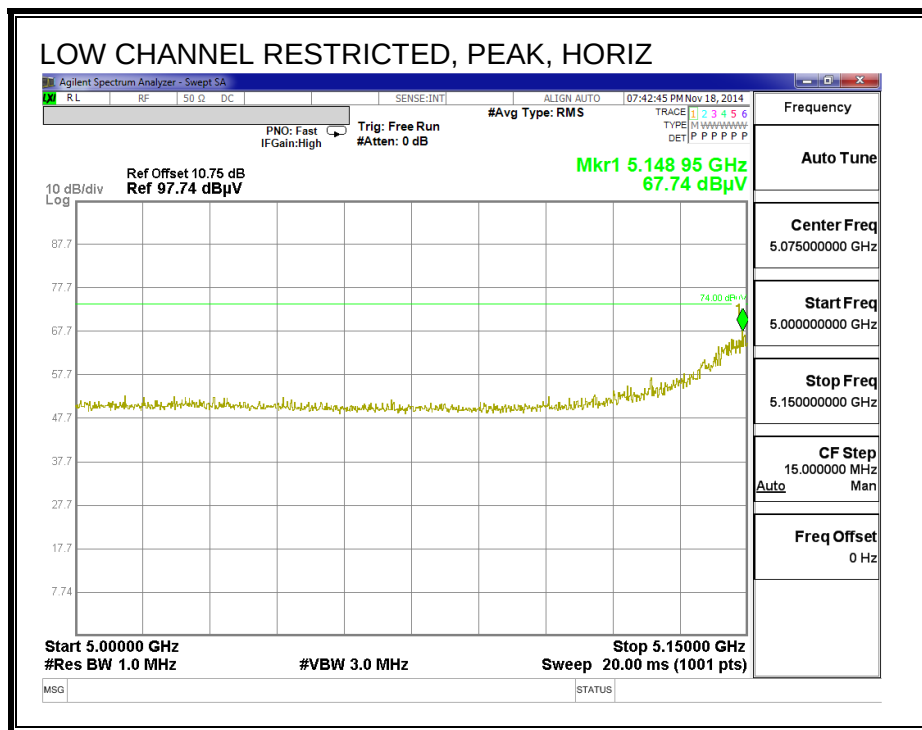


HARMONICS AND SPURIOUS EMISSIONS

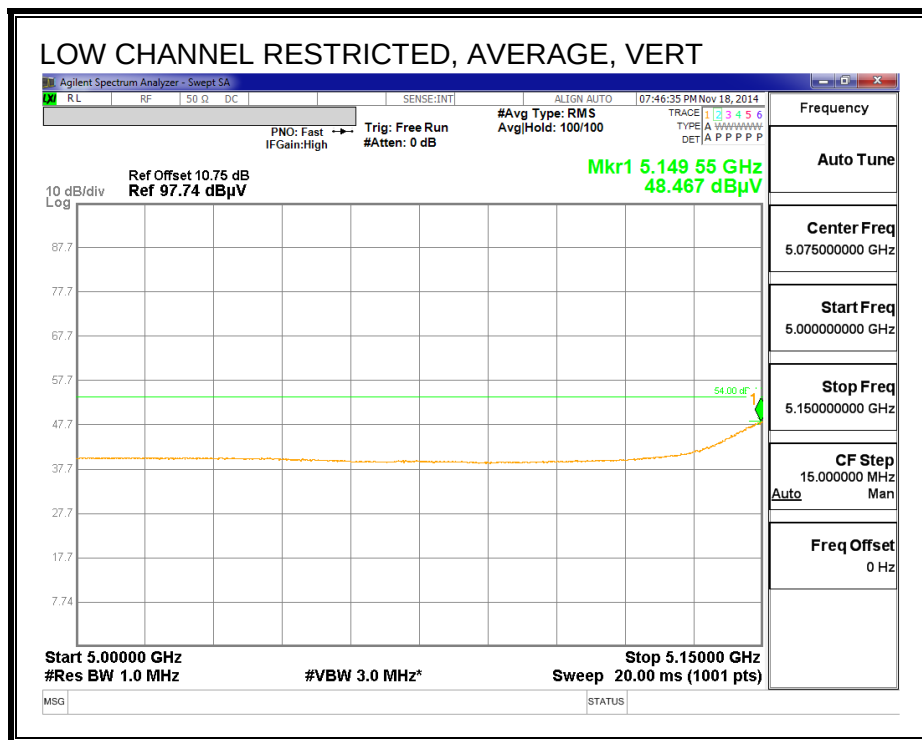
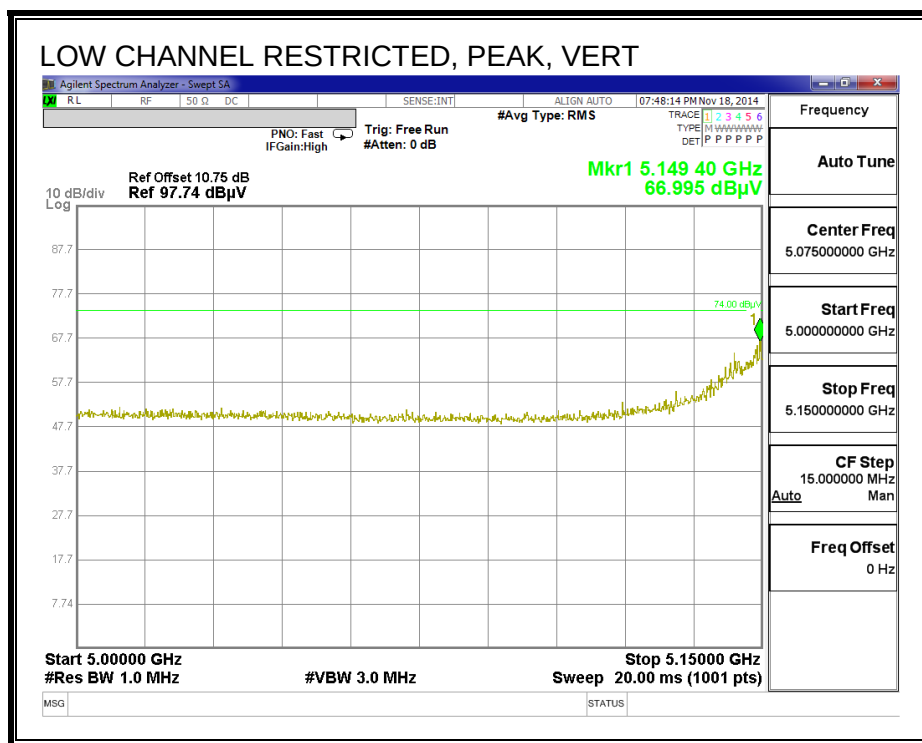
Note: this test is covered on by testing to 11a 1Tx Mode.

11.1.3. TX ABOVE 1 GHz 802.11n HT40 1Tx MODE IN THE 5.2 GHz BAND

RESTRICTED BANEDGE (LOW CHANNEL)

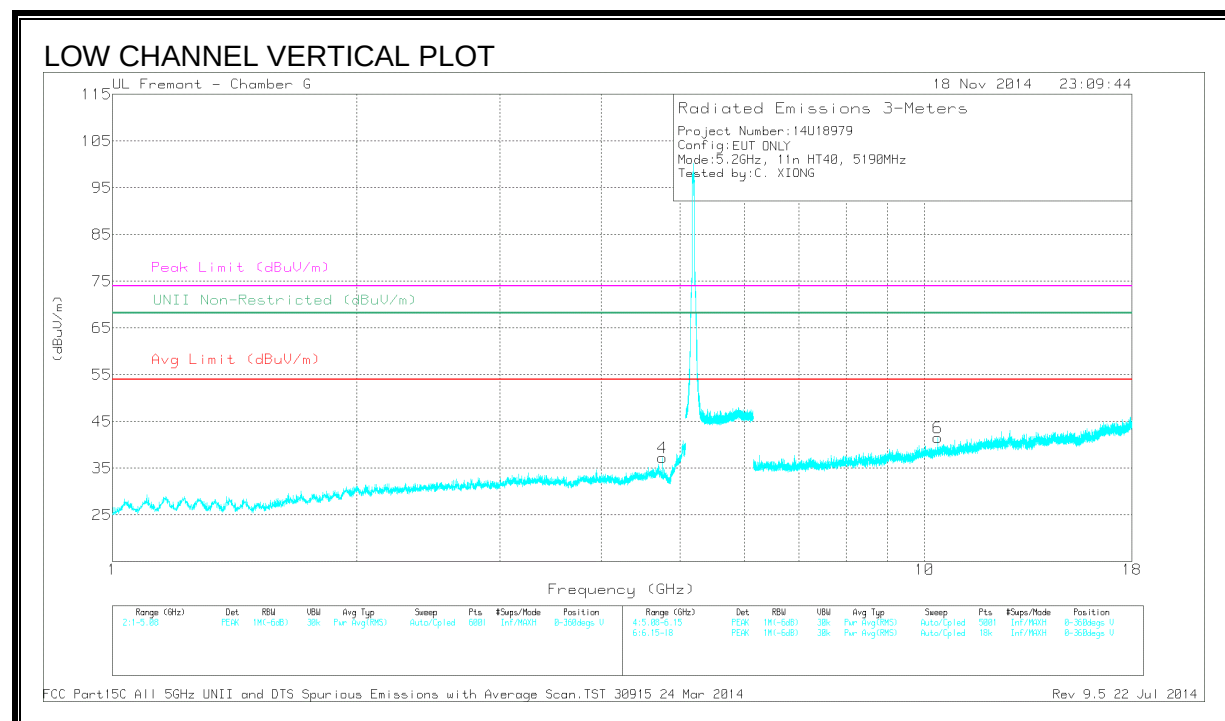
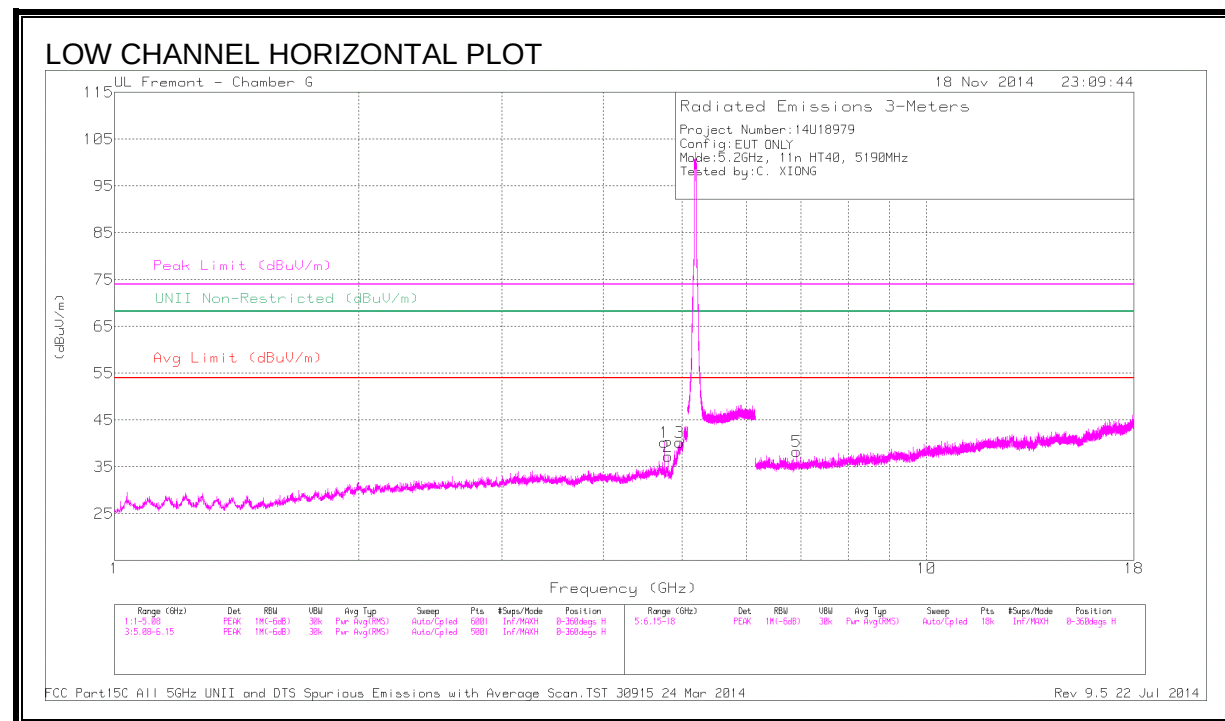


$$50.308 \text{ dB} + 0.12869337 = 50.43669337 \text{ dBuV}$$



$$48.467 \text{ dB} + 0.12869337 = 48.59569337 \text{ dBuV}$$

HARMONICS AND SPURIOUS EMISSIONS



DATA

Radiated Emissions

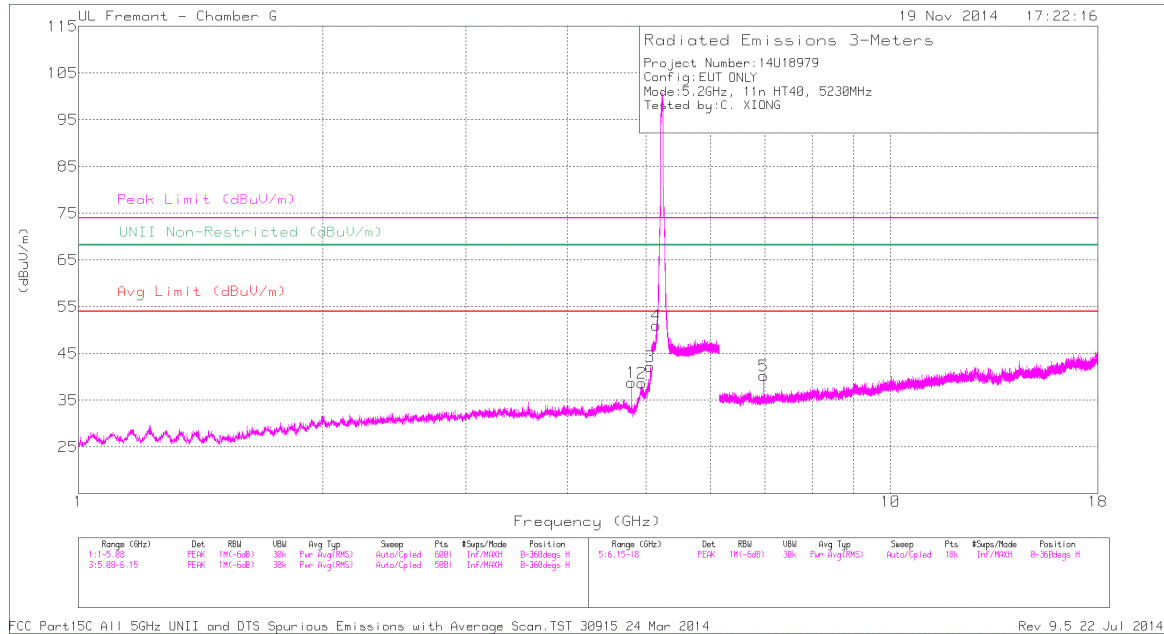
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Polarity
1	* 4.758	45.59	PK1	34.1	-32.8	0	46.89	-	-	74	-27.11	-	-	H
1	* 4.757	38.89	AD1	34.1	-32.8	.13	40.32	54	-13.68	-	-	-	-	H
2	* 4.802	42.58	PK1	34.1	-32.9	0	43.78	-	-	74	-30.22	-	-	H
2	* 4.802	31.27	AD1	34.1	-32.9	.13	32.60	54	-21.40	-	-	-	-	H
3	* 4.962	46.16	PK1	34.1	-31.8	0	48.46	-	-	74	-25.54	-	-	H
3	* 4.962	34.98	AD1	34.1	-31.8	.13	37.41	54	-16.59	-	-	-	-	H
4	* 4.757	44.44	PK1	34.1	-32.8	0	45.74	-	-	74	-28.26	-	-	V
4	* 4.757	35.64	AD1	34.1	-32.8	.13	37.07	54	-16.93	-	-	-	-	V
5	6.920	41.38	PK1	35.6	-31.9	0	45.08	-	-	-	-	68.2	-23.12	H
6	10.375	37.63	PK1	37.6	-27.2	0	48.03	-	-	-	-	68.2	-20.17	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

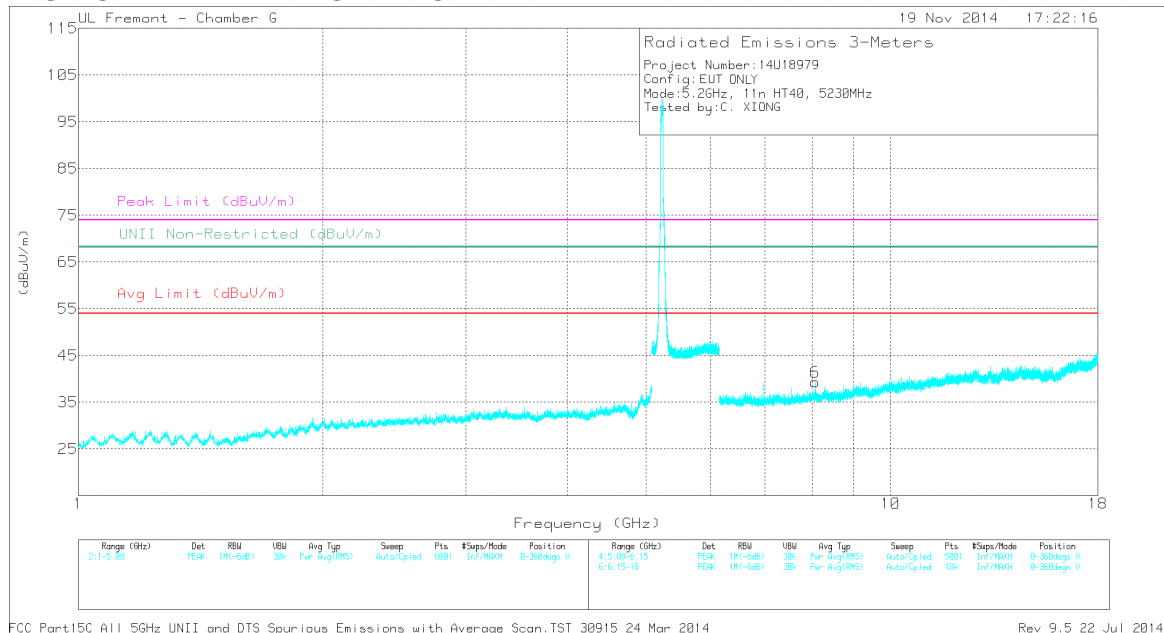
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Polarity
1	* 4.794	43.71	PK1	34.1	-32.9	0	44.91	-	-	74	-29.09	-	-	H
1	* 4.794	35.97	AD1	34.1	-32.9	.13	37.30	54	-16.70	-	-	-	-	H
2	* 4.941	43.91	PK1	34.1	-31.7	0	46.31	-	-	74	-27.69	-	-	H
2	* 4.941	32.85	AD1	34.1	-31.7	.13	35.38	54	-18.62	-	-	-	-	H
3	* 5.063	46.27	PK1	34.2	-31.0	0	49.47	-	-	74	-24.53	-	-	H
3	* 5.065	34.53	AD1	34.2	-30.9	.13	37.96	54	-16.04	-	-	-	-	H
4	* 5.147	48.94	PK1	34.3	-23.6	0	59.64	-	-	74	-14.36	-	-	H
4	* 5.148	35.19	AD1	34.3	-23.6	.13	46.02	54	-7.98	-	-	-	-	H
6	* 8.071	38.66	PK1	35.8	-29.9	0	44.56	-	-	74	-29.44	-	-	V
6	* 8.072	27.36	AD1	35.8	-29.9	.13	33.39	54	-20.61	-	-	-	-	V
5	6.973	42.73	PK1	35.6	-31.7	0	46.63	-	-	-	-	68.2	-21.57	H

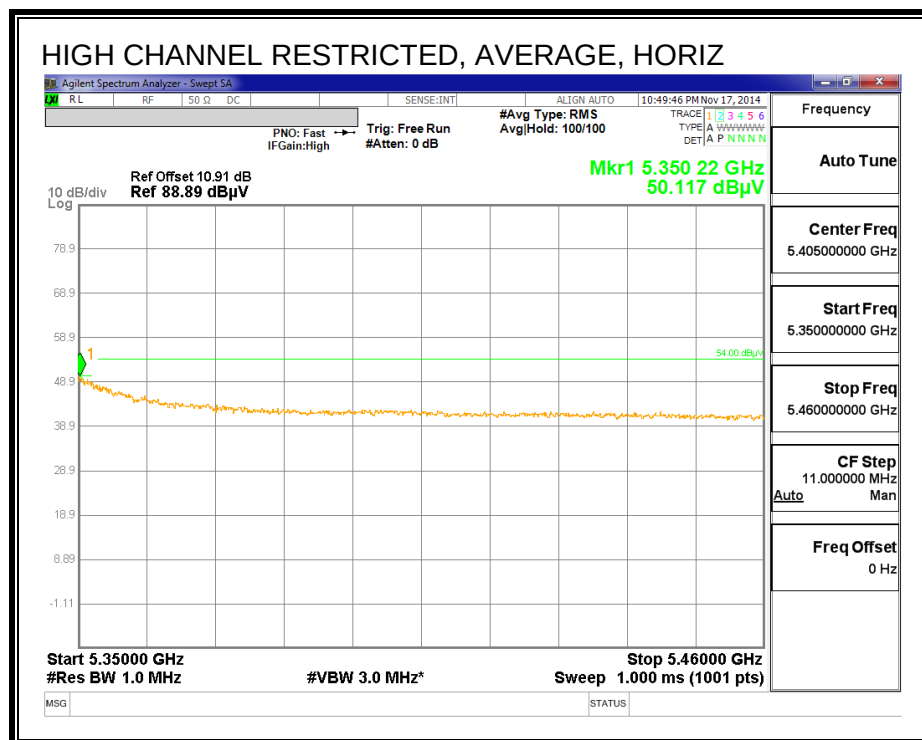
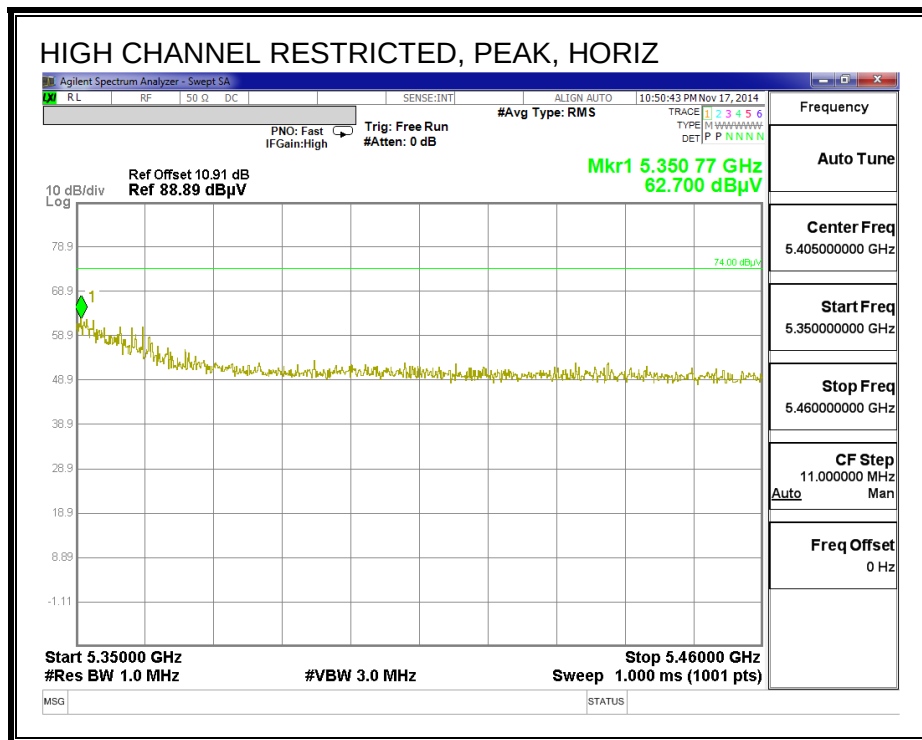
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

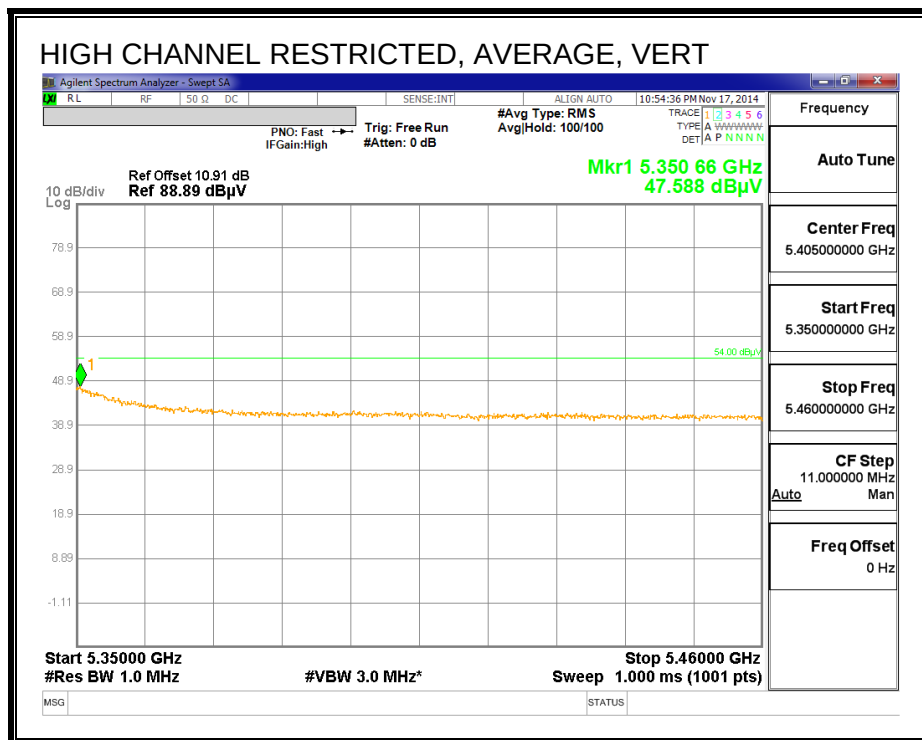
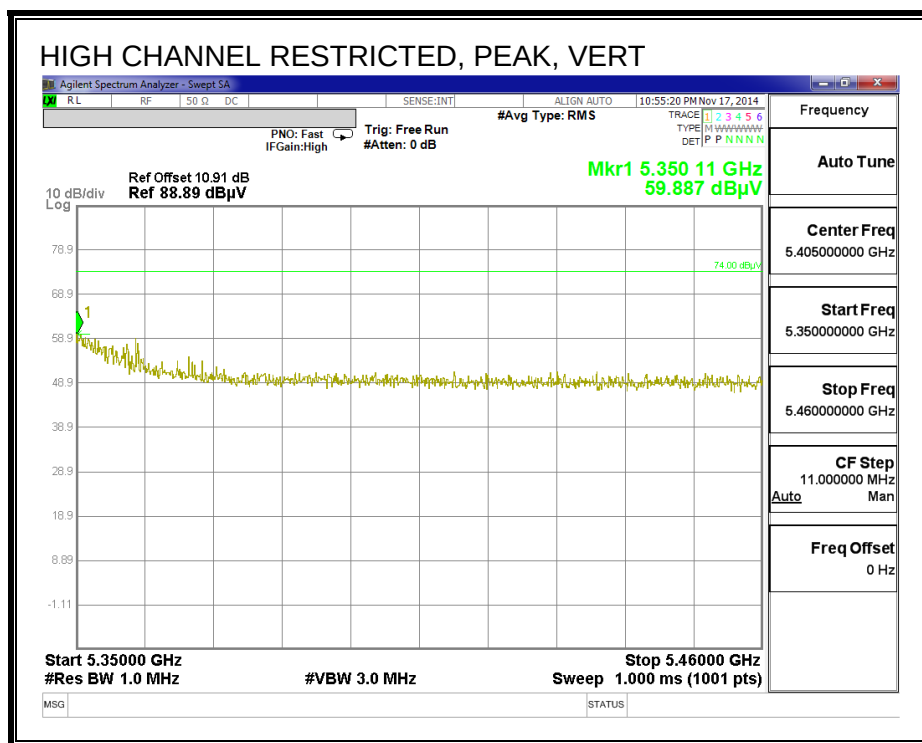
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

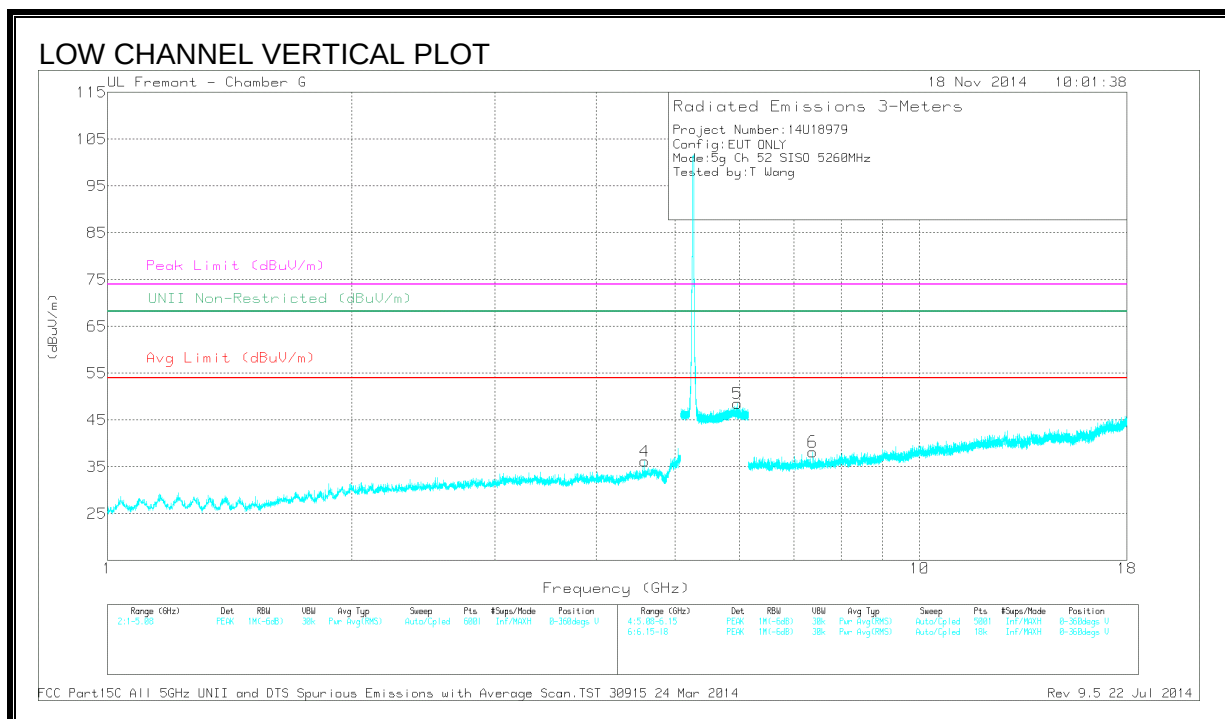
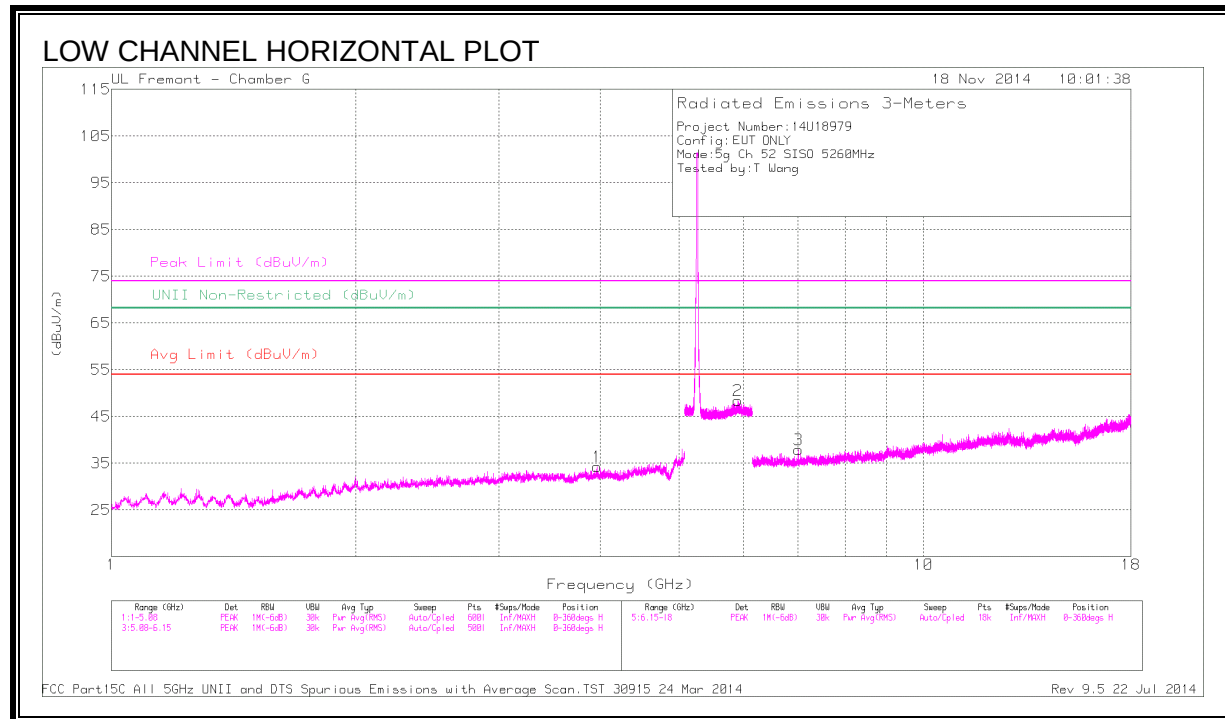
11.1.4. TX ABOVE 1 GHz 802.11a 1Tx MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)





HARMONICS AND SPURIOUS EMISSIONS



DATA

Radiated Emissions

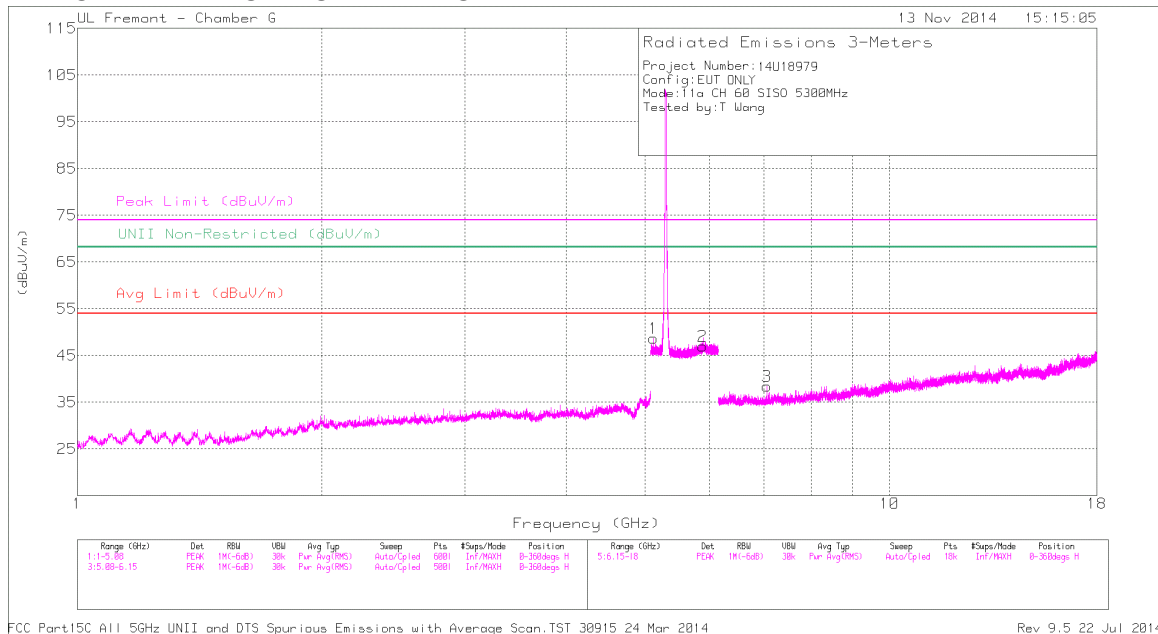
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Polarity
1	* 3.965	41.39	PK1	33.3	-33.6	41.09	-	-	74	-32.91	-	-	H
1	* 3.966	29.92	AD1	33.3	-33.6	29.62	54	-24.38	-	-	-	-	H
2	5.900	43.77	PK1	35.0	-23.6	55.17	-	-	-	-	68.2	-13.03	H
3	7.013	41.35	PK1	35.6	-31.6	45.35	-	-	-	-	68.2	-22.85	H
4	* 4.582	41.32	PK1	33.8	-32.8	42.32	-	-	74	-31.68	-	-	V
4	* 4.583	29.76	AD1	33.8	-32.8	30.76	54	-23.24	-	-	-	-	V
5	5.964	44.27	PK1	35.1	-23.6	55.77	-	-	-	-	68.2	-12.43	V
6	* 7.391	40.04	PK1	35.6	-31.3	44.34	-	-	74	-29.66	-	-	V
6	* 7.389	29.04	AD1	35.6	-31.3	33.34	54	-20.66	-	-	-	-	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

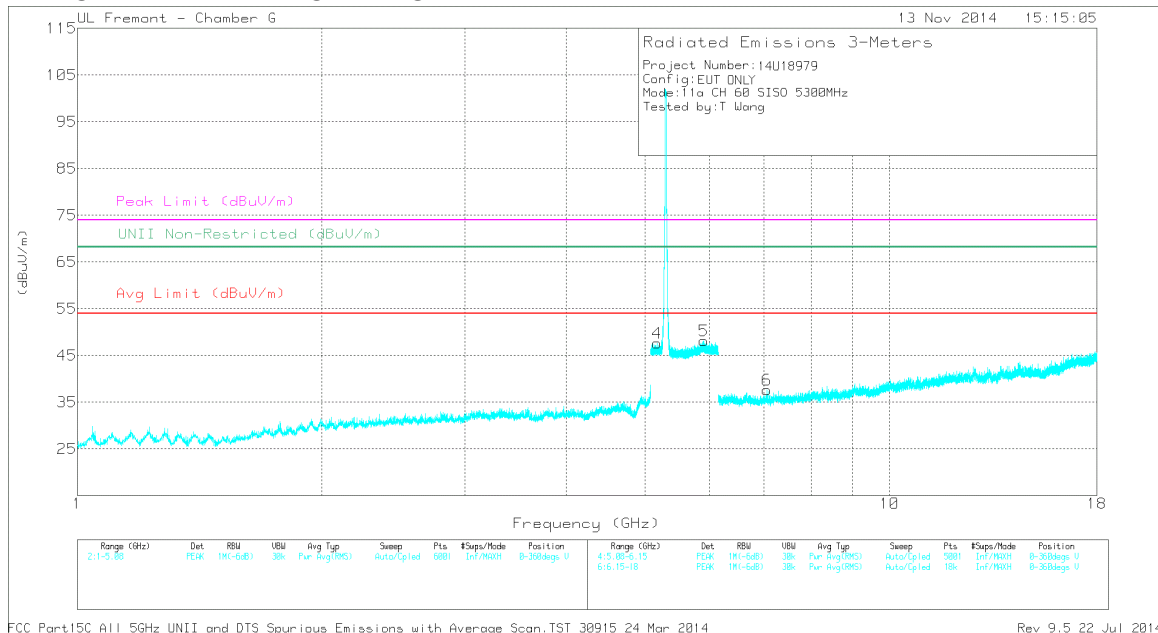
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

MID CHANNEL HORIZONTAL PLOT



MID CHANNEL VERTICAL PLOT



DATA

Radiated Emissions

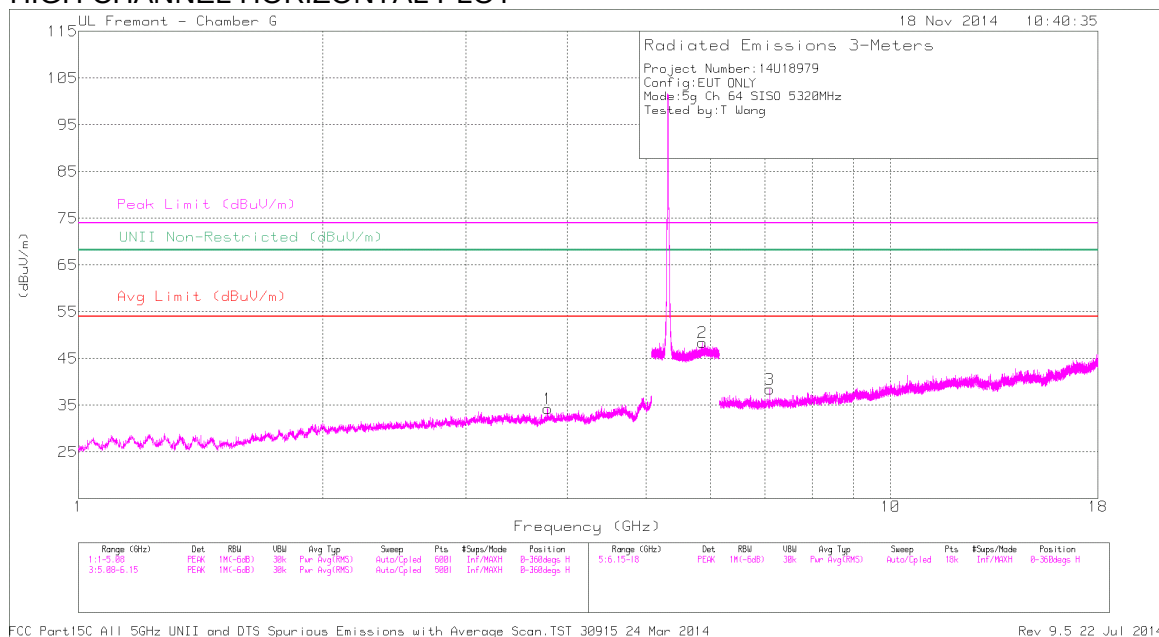
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Polarity
1	* 5.118	44.25	PK1	34.3	-23.6	54.95	-	-	74	-19.05	-	-	H
1	* 5.118	32.46	AD1	34.3	-23.6	43.16	54	-10.84	-	-	-	-	H
2	5.885	44.16	PK1	35.0	-23.6	55.56	-	-	-	-	68.2	-12.64	H
3	7.067	40.56	PK1	35.6	-31.8	44.36	-	-	-	-	68.2	-23.84	H
4	5.173	43.91	PK1	34.4	-23.7	54.61	-	-	-	-	68.2	-13.59	V
5	5.905	44.12	PK1	35.0	-23.6	55.52	-	-	-	-	68.2	-12.68	V
6	7.067	41.91	PK1	35.6	-31.8	45.71	-	-	-	-	68.2	-22.49	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

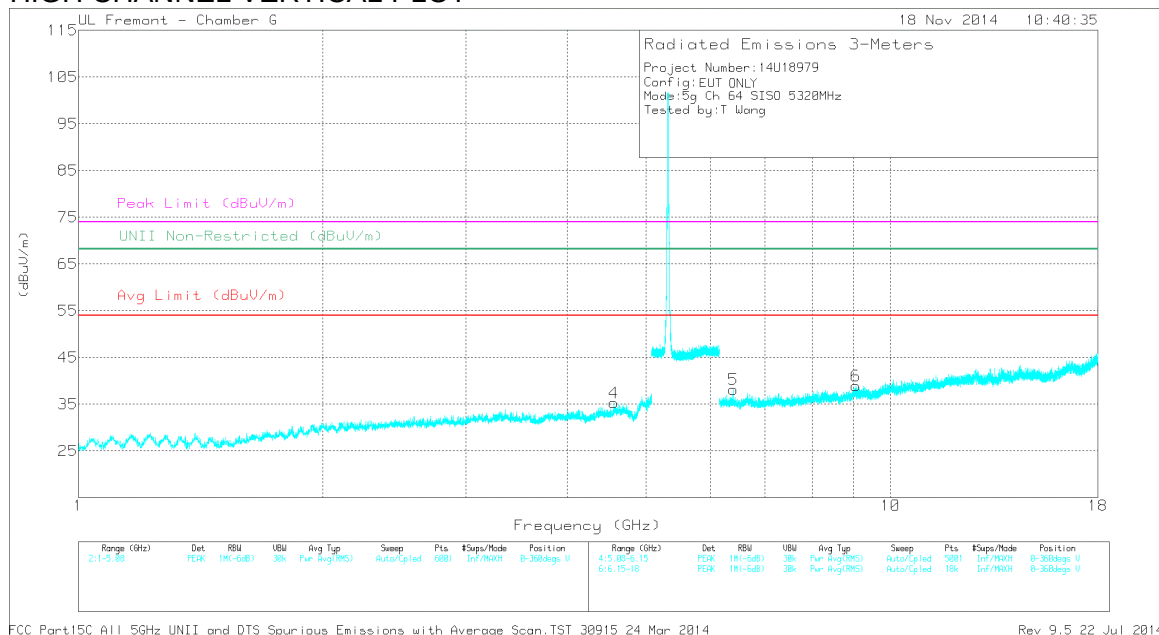
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Polarity
1	* 3.782	41.56	PK1	33.0	-33.5	41.06	-	-	74	-32.94	-	-	H
1	* 3.781	30.10	AD1	33.0	-33.5	29.60	54	-24.4	-	-	-	-	H
2	5.866	44.45	PK1	35.0	-23.6	55.85	-	-	-	-	68.2	-12.35	H
3	7.094	40.39	PK1	35.6	-31.6	44.39	-	-	-	-	68.2	-23.81	H
4	* 4.568	41.47	PK1	33.8	-32.7	42.57	-	-	74	-31.43	-	-	V
4	* 4.567	29.59	AD1	33.8	-32.7	30.69	54	-23.31	-	-	-	-	V
5	6.404	40.86	PK1	35.6	-31.9	44.56	-	-	-	-	68.2	-23.64	V
6	* 9.057	37.84	PK1	36.4	-28.2	46.04	-	-	74	-27.96	-	-	V
6	* 9.059	27.15	AD1	36.4	-28.2	35.35	54	-18.65	-	-	-	-	V

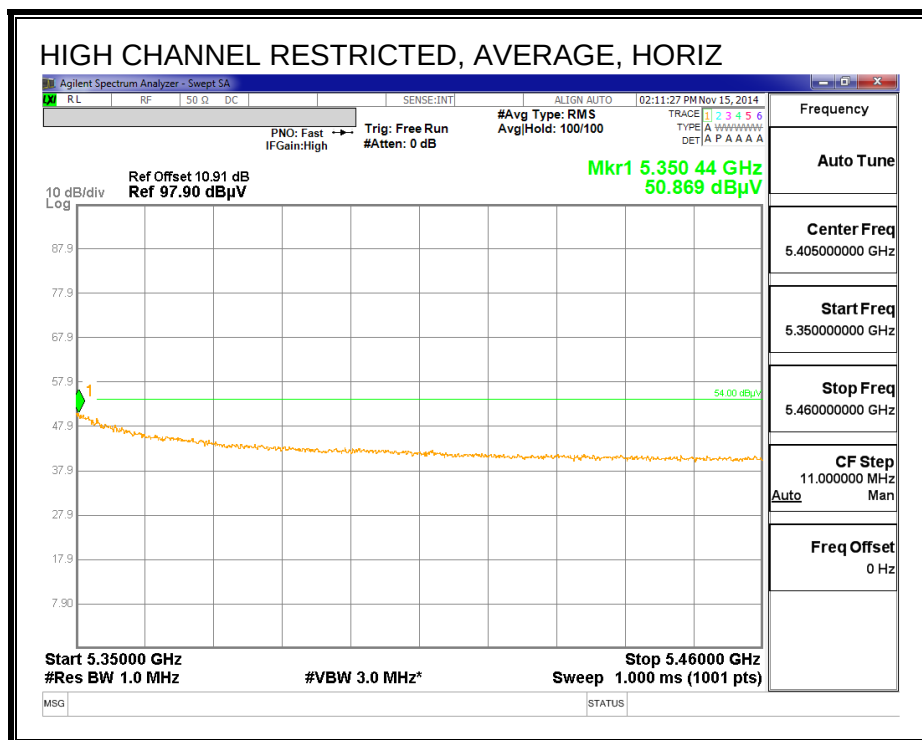
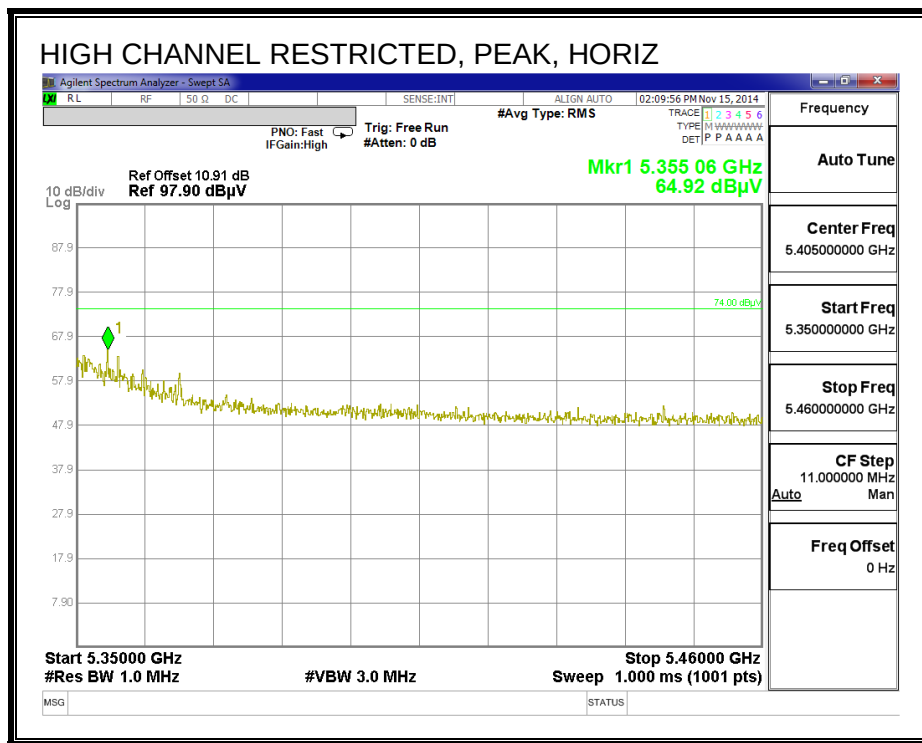
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

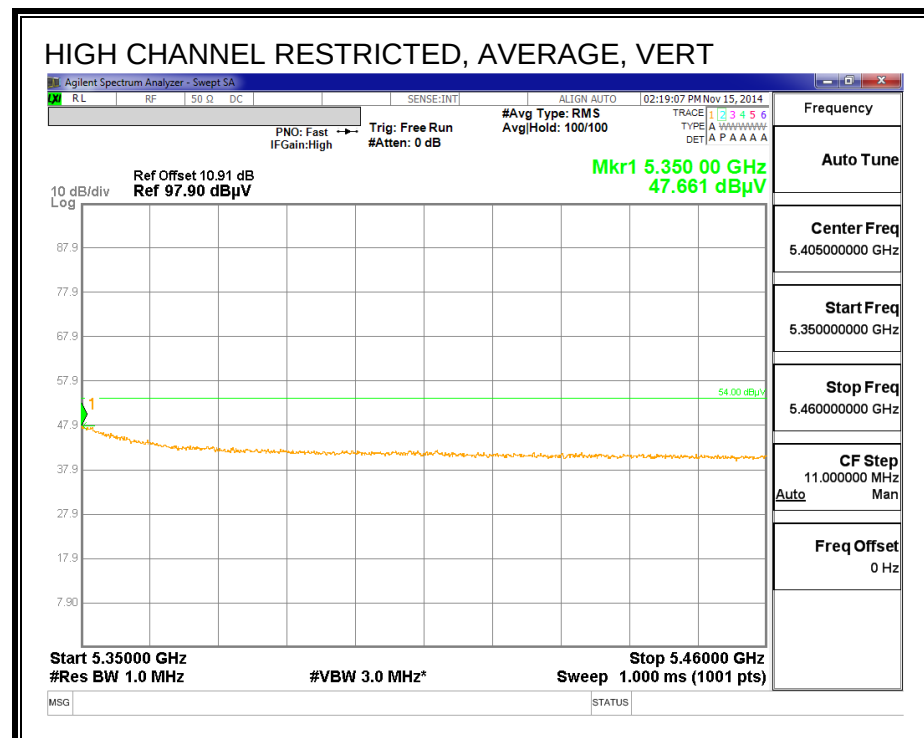
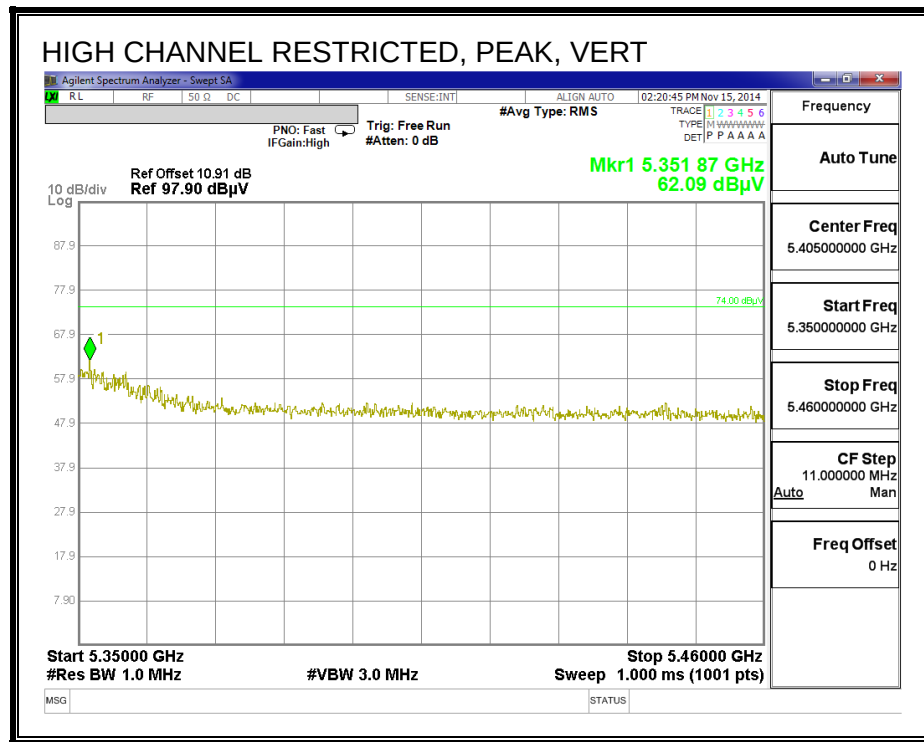
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.1.5. TX ABOVE 1 GHz 802.11n HT20 1Tx MODE IN THE 5.3 GHz BAND

RESTRICTED BANEDGE (HIGH CHANNEL)



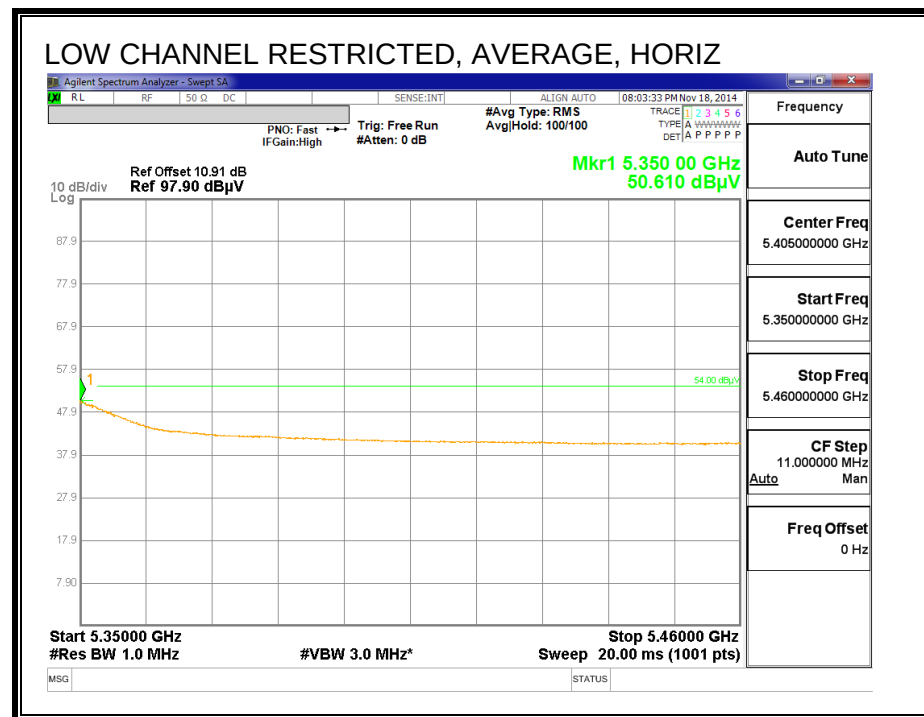
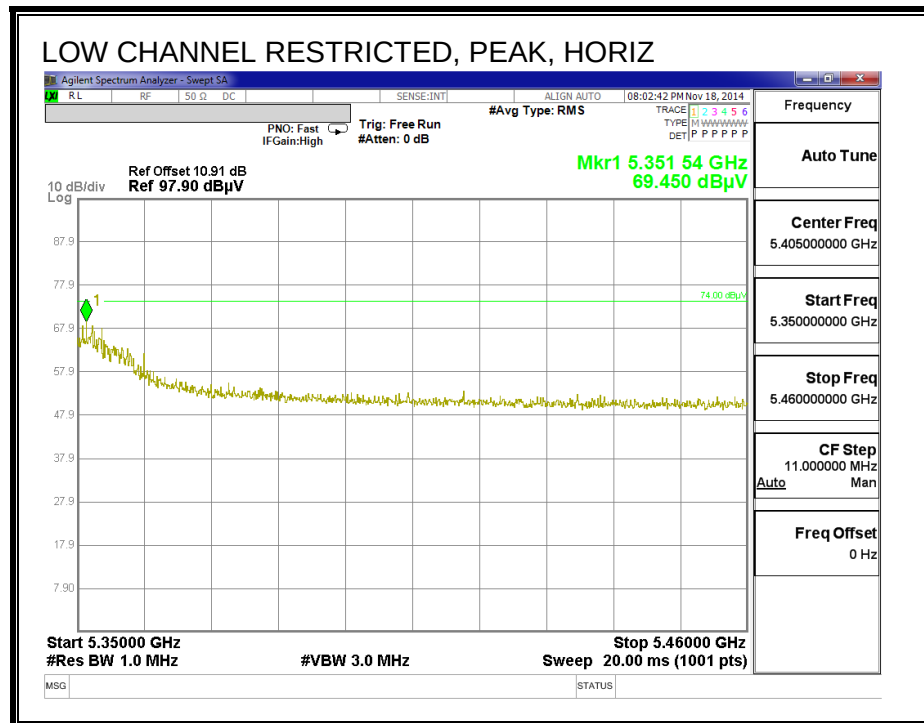


HARMONICS AND SPURIOUS EMISSIONS

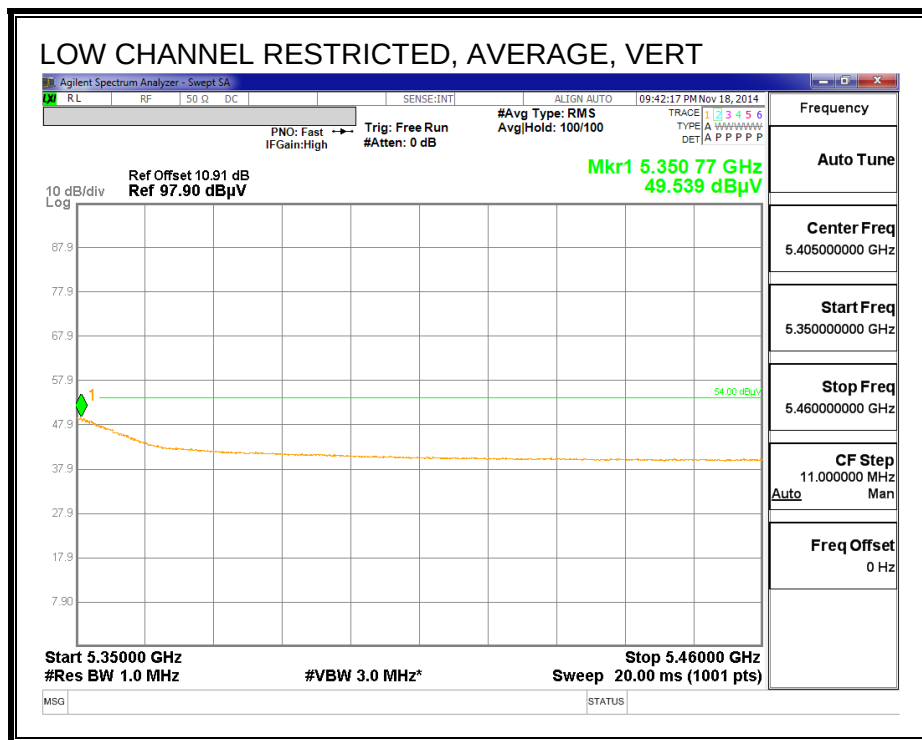
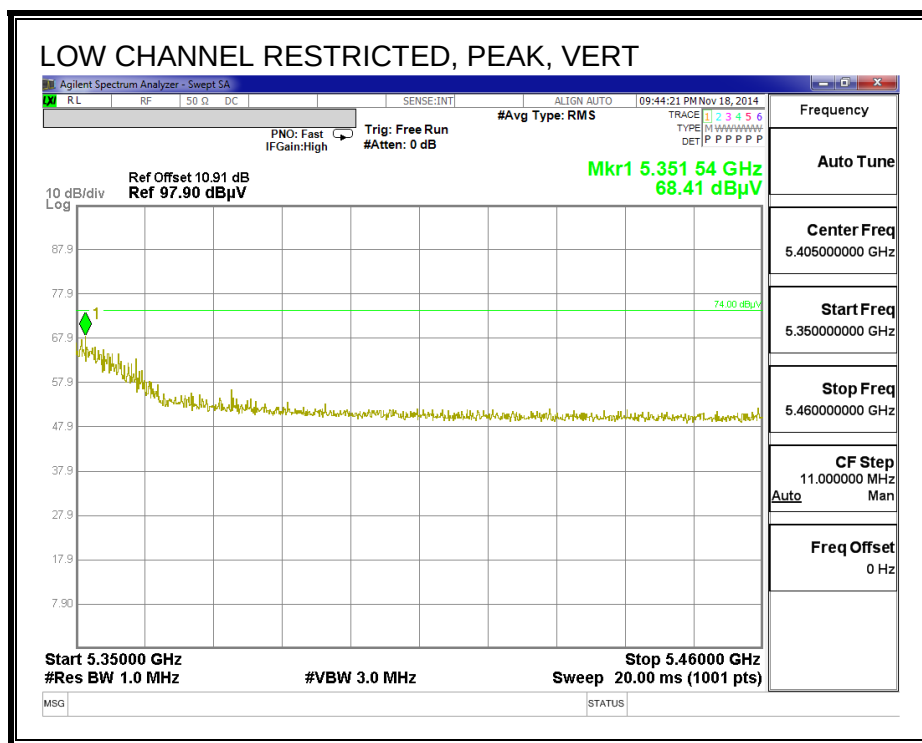
Note: this test is covered on by testing to 11a 1Tx Mode.

11.1.6. TX ABOVE 1 GHz 802.11n HT40 1Tx MODE IN THE 5.3 GHz BAND

RESTRICTED BANEDGE (LOW CHANNEL)

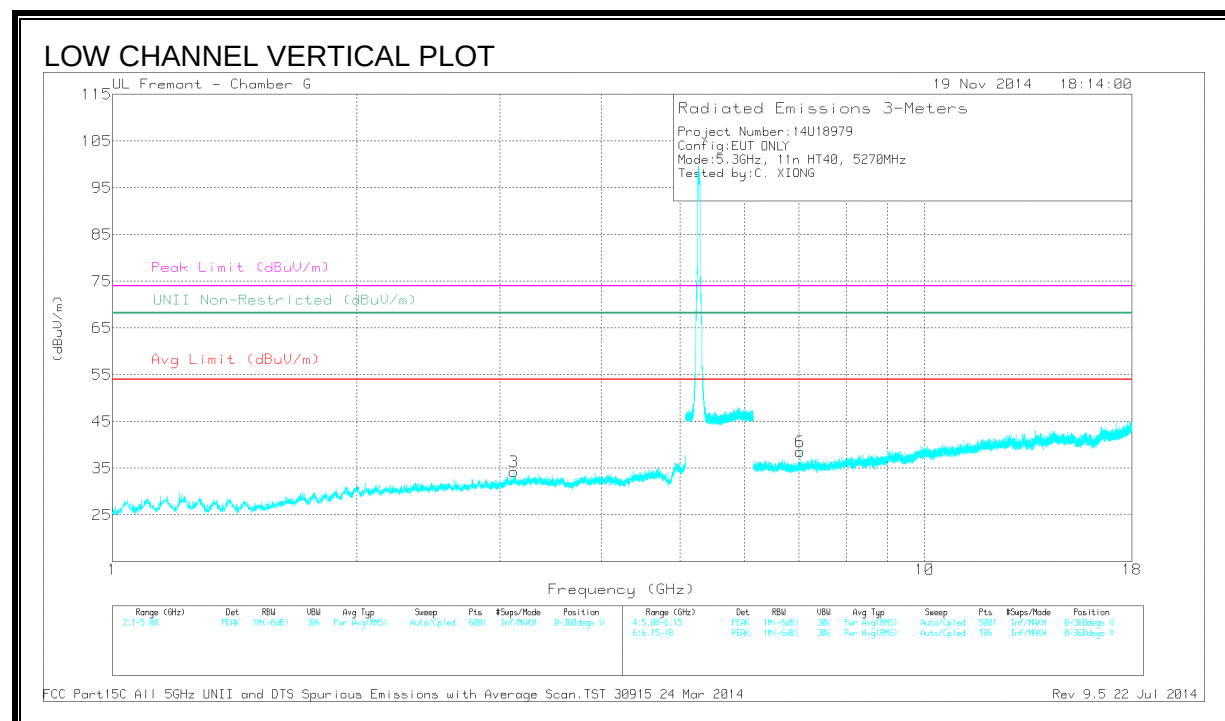
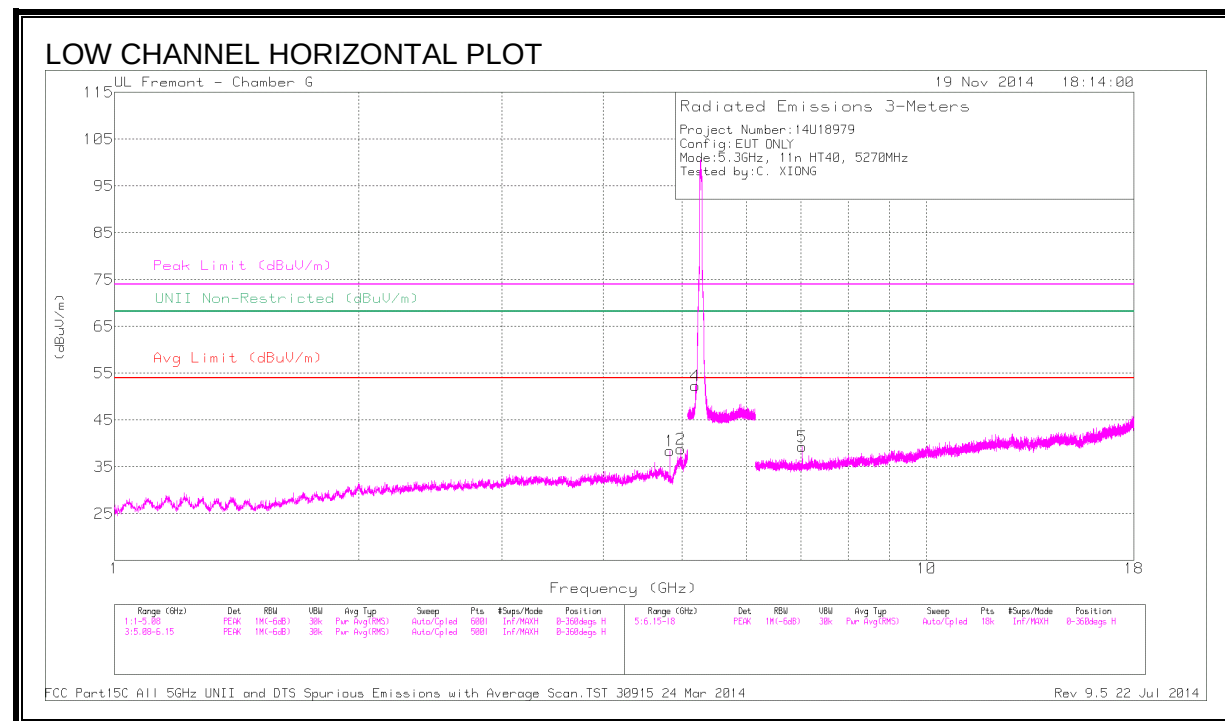


$$50.610 \text{ dB} + 0.12869337 = 50.73869337 \text{ dBuV}$$



$$49.539 \text{ dB} + 0.12869337 = 49.66769337 \text{ dBuV}$$

HARMONICS AND SPURIOUS EMISSIONS



DATA

Radiated Emissions

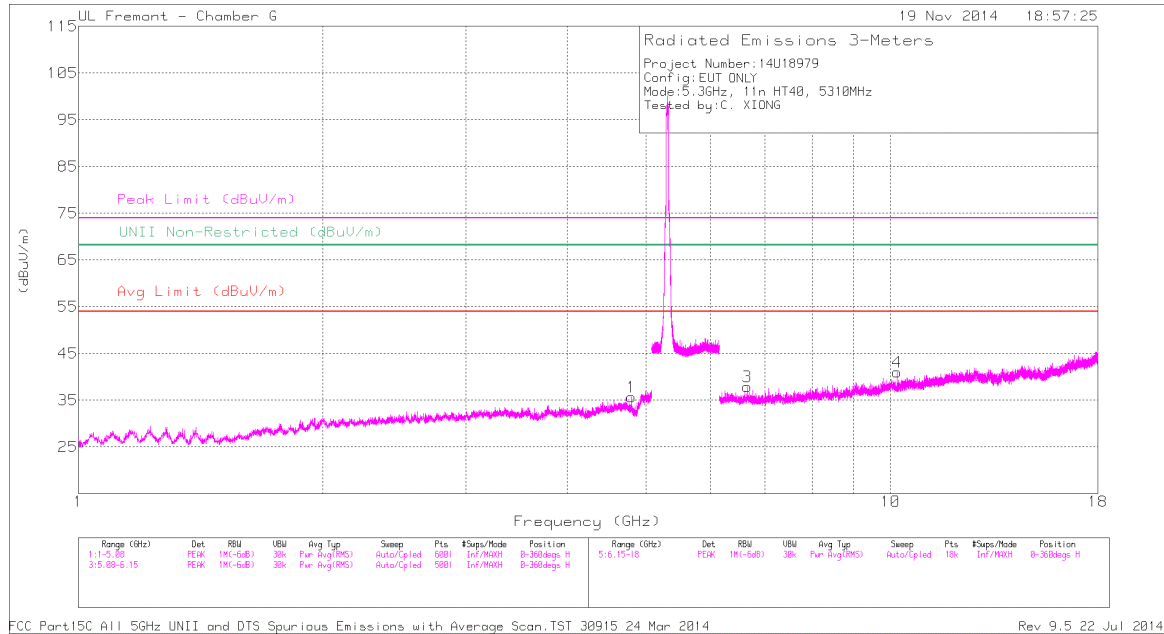
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Polarity
1	* 4.831	43.12	PK1	34.1	-32.6	0	44.62	-	-	74	-29.38	-	-	H
1	* 4.831	35.03	AD1	34.1	-32.6	.13	36.66	54	-17.34	-	-	-	-	H
2	* 4.985	43.43	PK1	34.1	-31.9	0	45.63	-	-	74	-28.37	-	-	H
2	* 4.985	32.29	AD1	34.1	-31.9	.13	34.62	54	-19.38	-	-	-	-	H
3	3.119	41.83	PK1	32.7	-33.1	0	41.43	-	-	-	-	68.2	-26.77	V
4	5.188	48.57	PK1	34.4	-23.6	0	59.37	-	-	-	-	68.2	-8.83	H
5	7.026	41.59	PK1	35.6	-31.7	0	45.49	-	-	-	-	68.2	-22.71	V
6	7.027	41.98	PK1	35.6	-31.7	0	45.88	-	-	-	-	68.2	-22.32	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

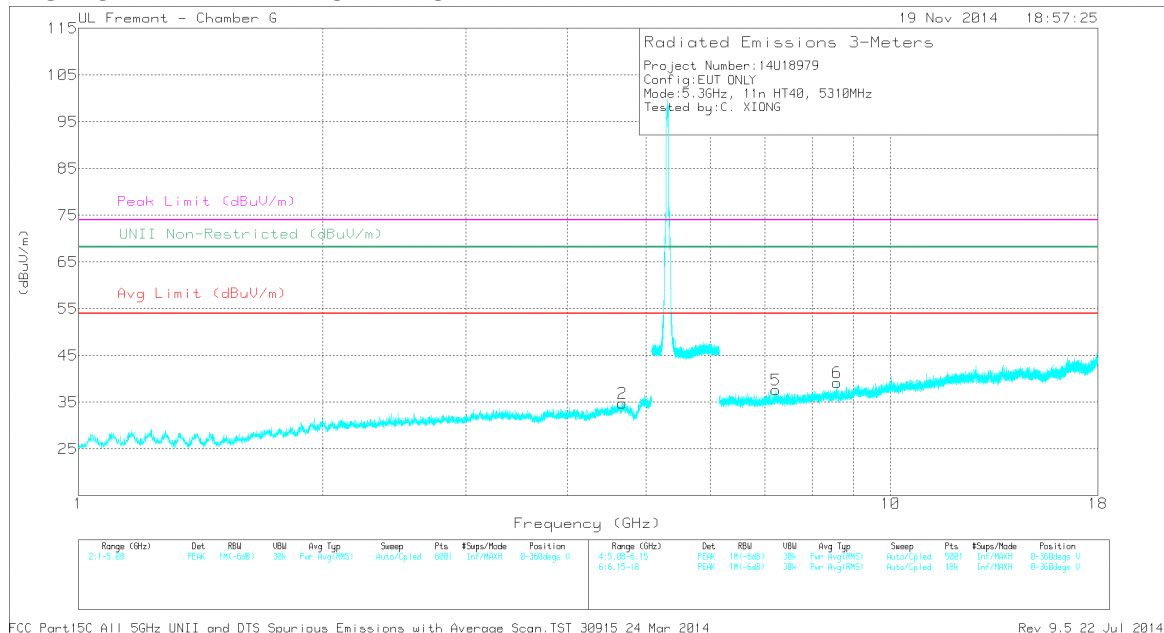
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average.

HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



DATA

Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT862 (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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Polarity
1	* 4.797	40.64	PK1	34.1	-32.9	0	41.84	-	-	74	-32.16	-	-	H
1	* 4.797	29.94	AD1	34.1	-32.9	.13	31.27	54	-22.73	-	-	-	-	H
2	* 4.676	41.51	PK1	34.0	-33.0	0	42.51	-	-	74	-31.49	-	-	V
2	* 4.677	30.43	AD1	34.0	-33.0	.13	31.56	54	-22.44	-	-	-	-	V
3	6.662	39.65	PK1	35.6	-31.5	0	43.75	-	-	-	-	68.2	-24.45	H
4	10.193	36.38	PK1	37.5	-28.0	0	45.88	-	-	-	-	68.2	-22.32	H
5	7.224	40.00	PK1	35.6	-31.0	0	44.6	-	-	-	-	68.2	-23.60	V
6	8.593	38.52	PK1	35.9	-28.9	0	45.52	-	-	-	-	68.2	-22.68	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average