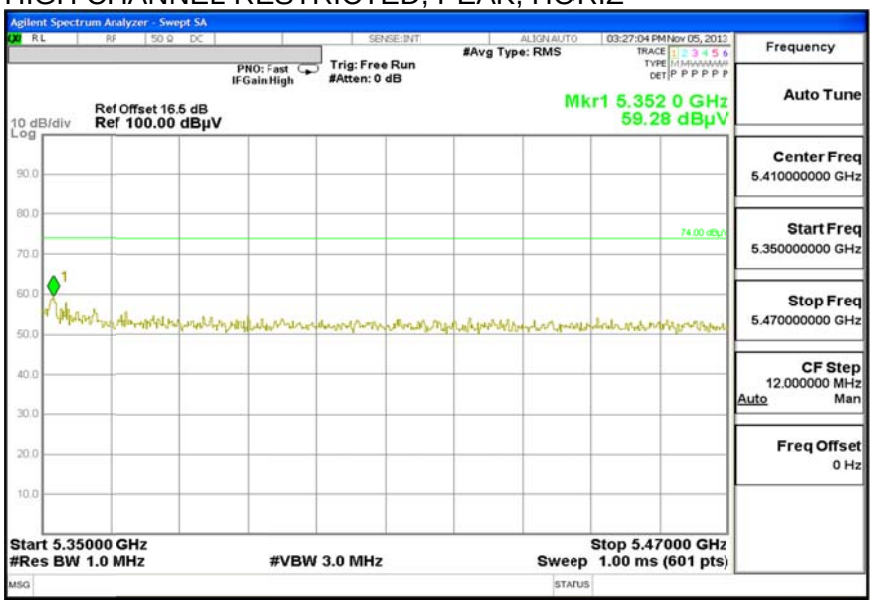
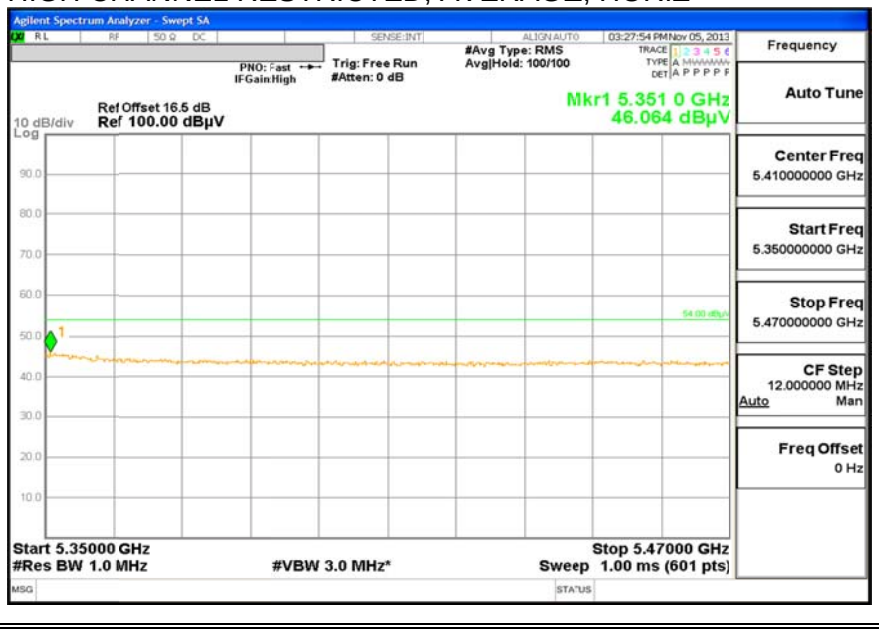
9.2.7. 802.11n HT40 SISO IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)

HIGH CHANNEL RESTRICTED, PEAK, HORIZ



HIGH CHANNEL RESTRICTED, AVERAGE, HORIZ



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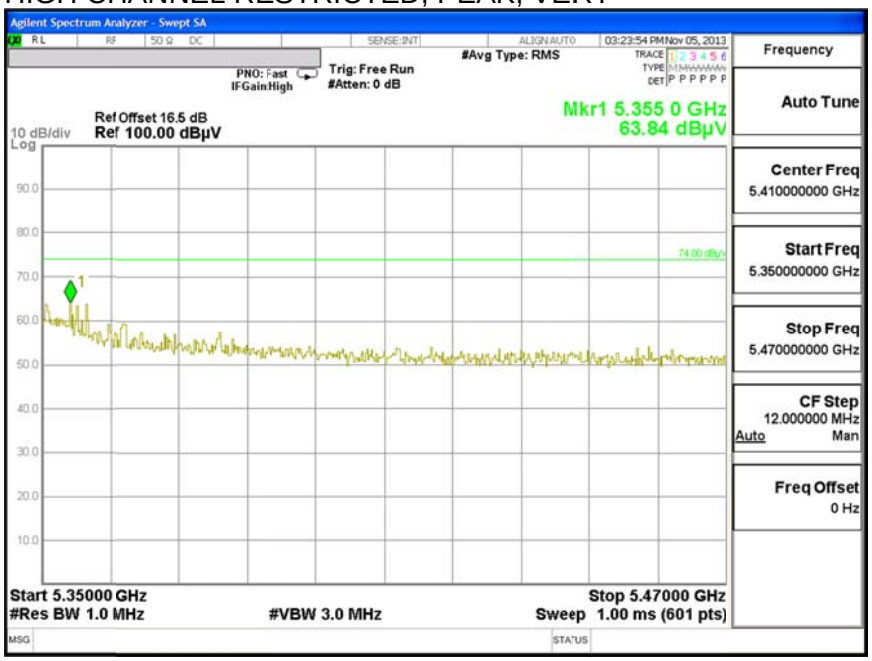
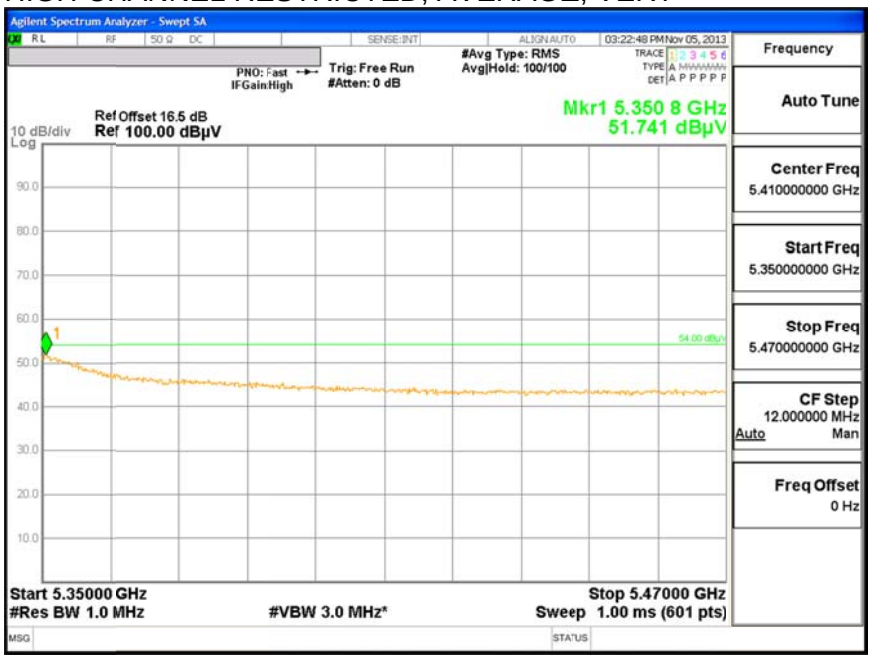
HIGH CHANNEL RESTRICTED, PEAK, VERT



HIGH CHANNEL RESTRICTED, AVERAGE, VERT



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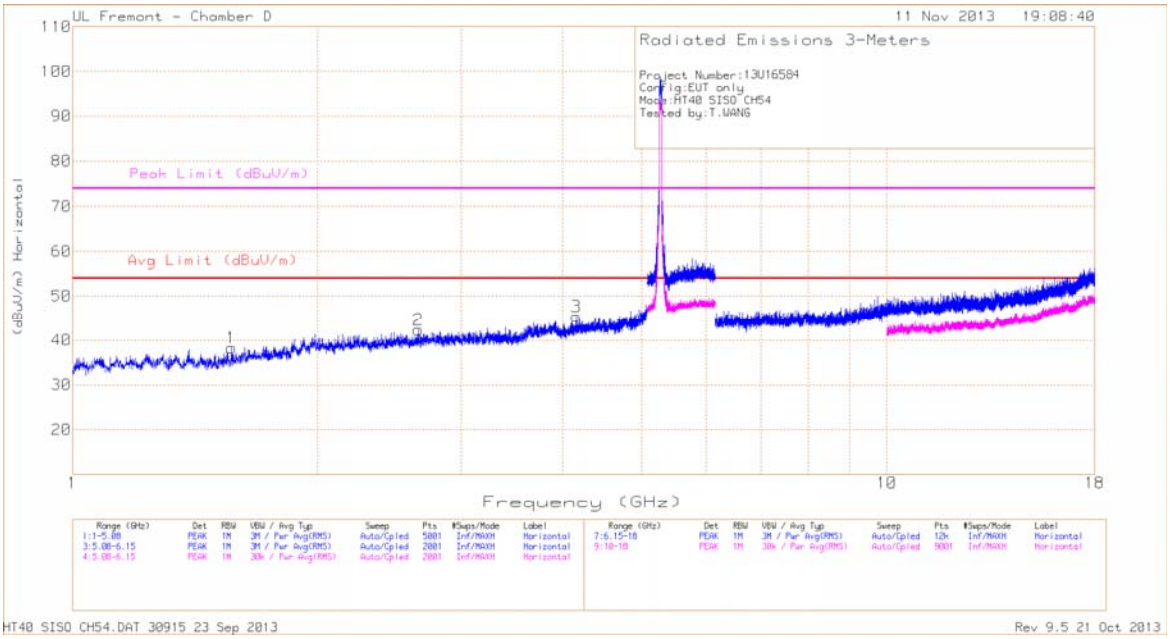
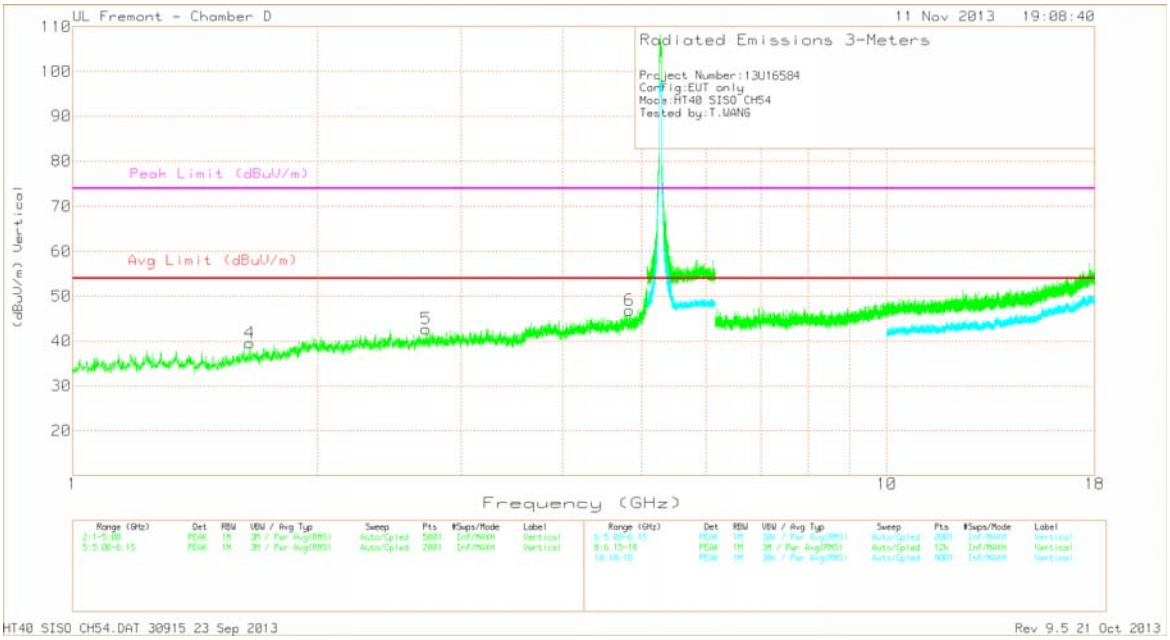
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



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DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /5GHz LPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*1.567	43.40	PK	29.3	-34.4	38.30	54	-15.70	74.0	-35.70	0-360	199	H
2	*2.658	42.37	PK	33.0	-33.0	42.37	54	-11.63	74.0	-31.63	0-360	100	H
3	*4.155	42.69	PK	33.9	-31.2	45.39	54	-8.61	74.0	-28.61	0-360	100	H
4	*1.651	43.20	PK	29.8	-33.4	39.60	54	-14.40	74.0	-34.40	0-360	199	V
5	*2.718	42.14	PK	33.1	-32.5	42.74	54	-11.26	74.0	-31.26	0-360	100	V
6	*4.832	42.86	PK	34.4	-30.4	46.86	54	-7.14	74.0	-27.14	0-360	199	V

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

PK - Peak detector

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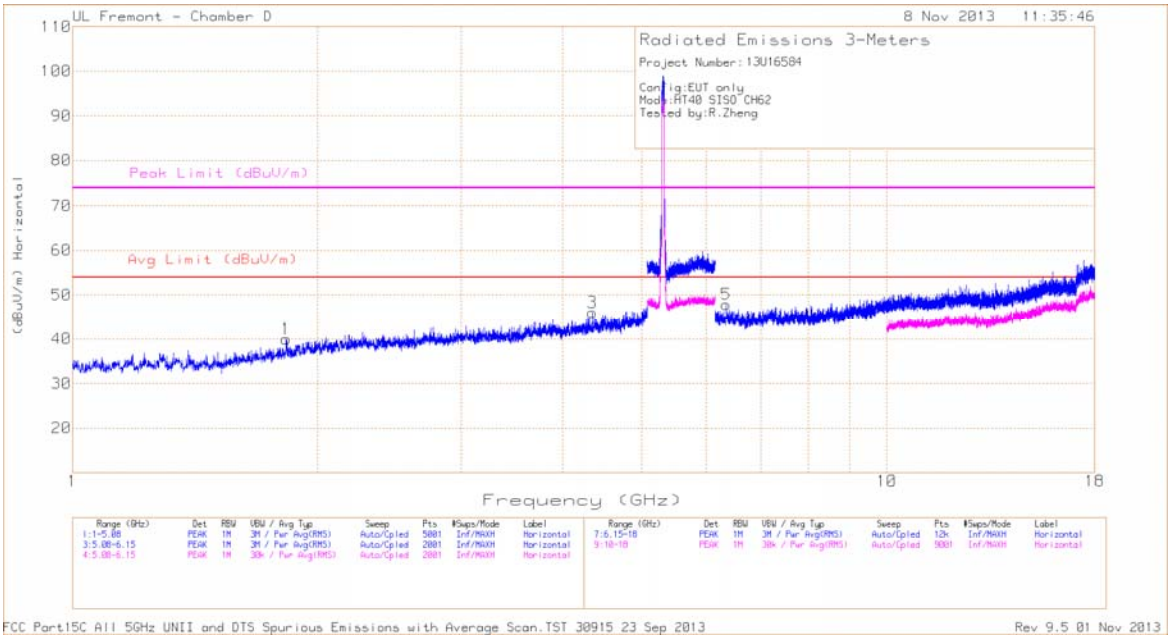
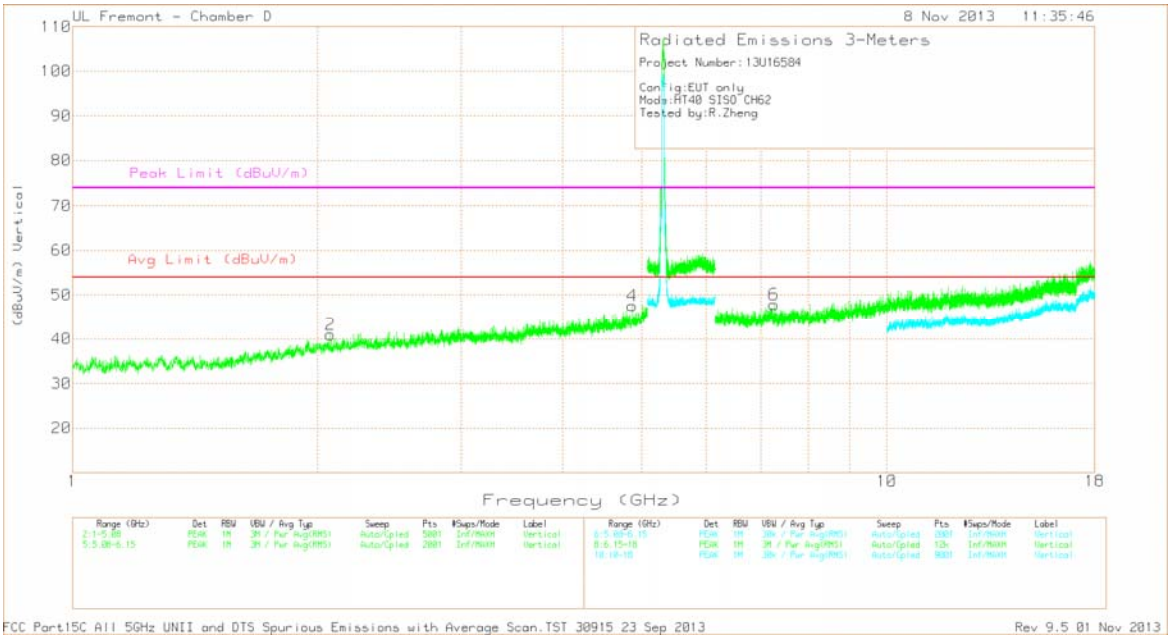
HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



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DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Fltr/Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.830	40.84	PK	30.5	-31.4	39.94	-	-	68.2	-28.26	0-360	201	H
3	* 4.347	40.57	PK	34.0	-28.5	46.07	54	-7.93	74.0	-27.93	0-360	100	H
2	2.074	40.41	PK	31.9	-31.3	41.01	-	-	68.2	-27.19	0-360	100	V
4	* 4.869	40.66	PK	34.4	-27.5	47.56	54	-6.44	74.0	-26.44	0-360	100	V
5	6.349	38.60	PK	35.9	-26.6	47.90	-	-	68.2	-20.30	0-360	100	H
6	* 7.267	37.38	PK	35.9	-25.4	47.88	54	-6.12	74.0	-26.12	0-360	100	V

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

PK - Peak detector

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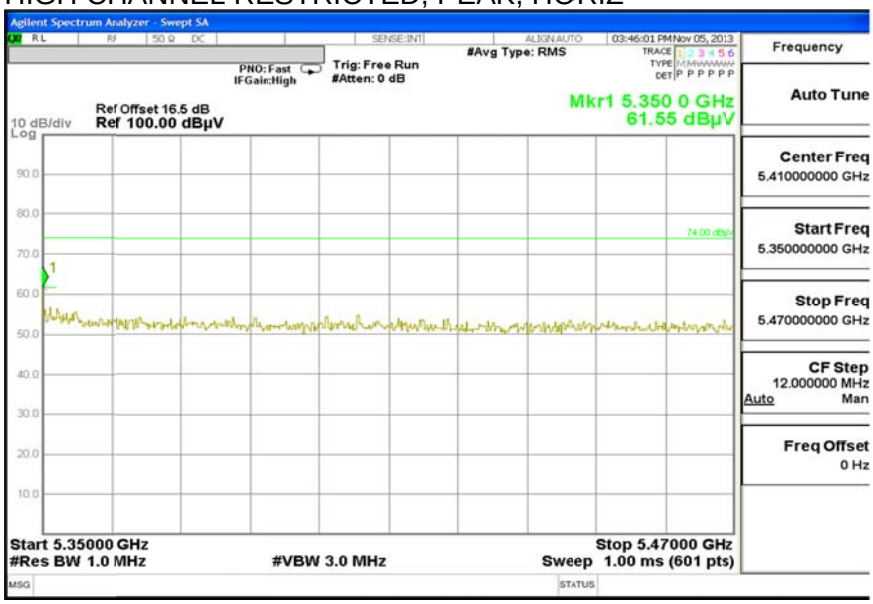
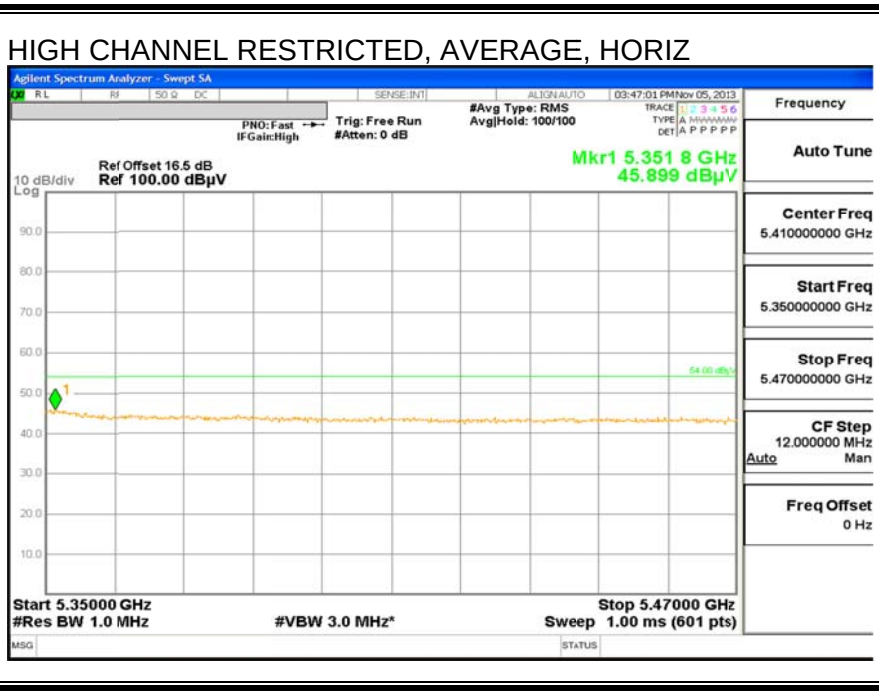
9.2.8. 802.11n HT40 MIMO IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)

HIGH CHANNEL RESTRICTED, PEAK, HORIZ



HIGH CHANNEL RESTRICTED, AVERAGE, HORIZ



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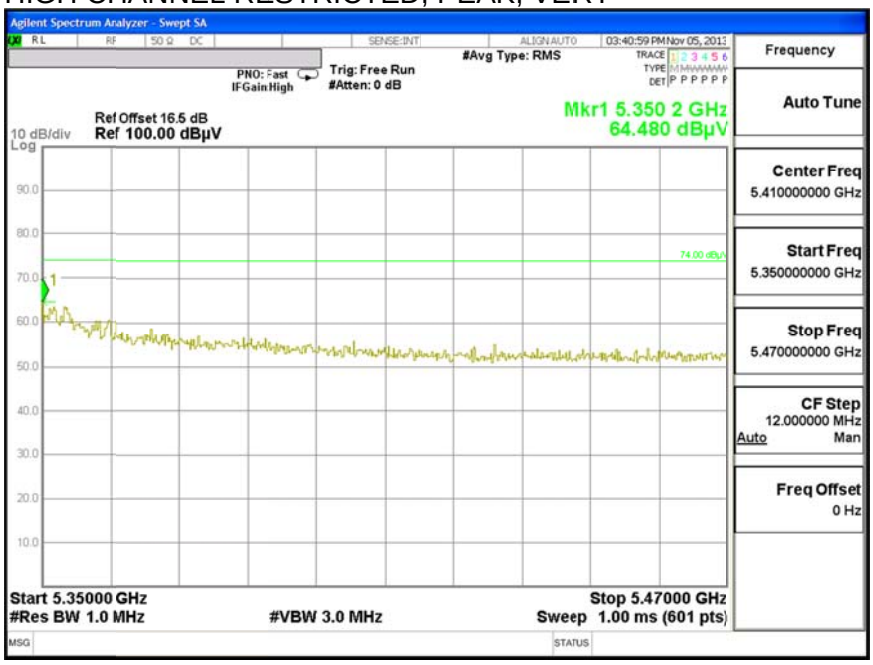
HIGH CHANNEL RESTRICTED, PEAK, VERT



HIGH CHANNEL RESTRICTED, AVERAGE, VERT

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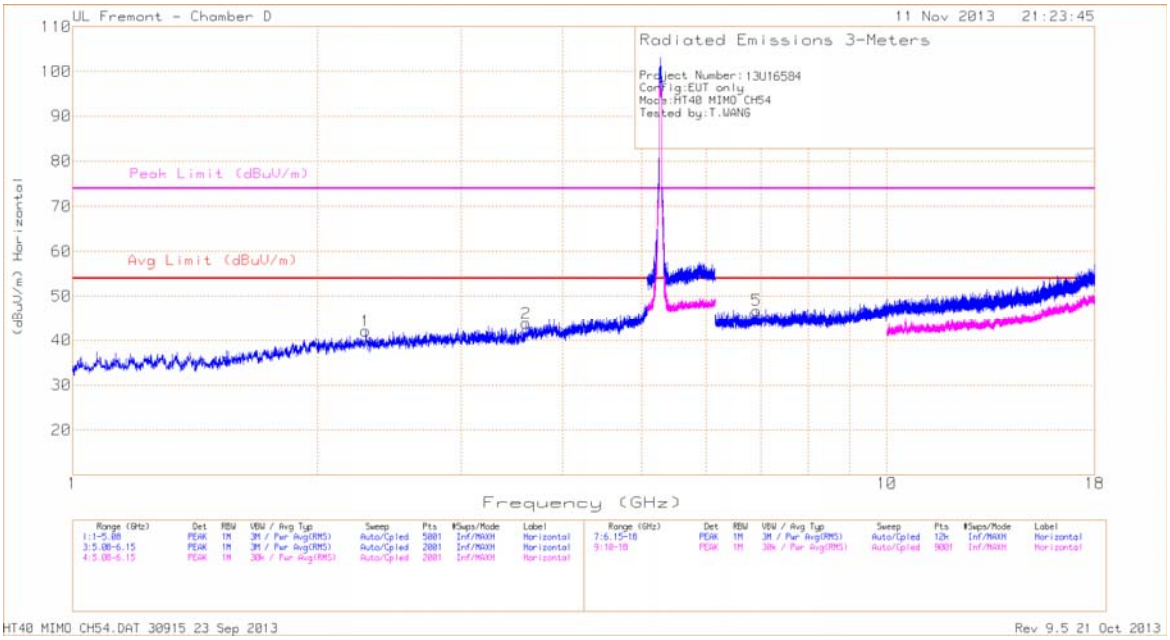
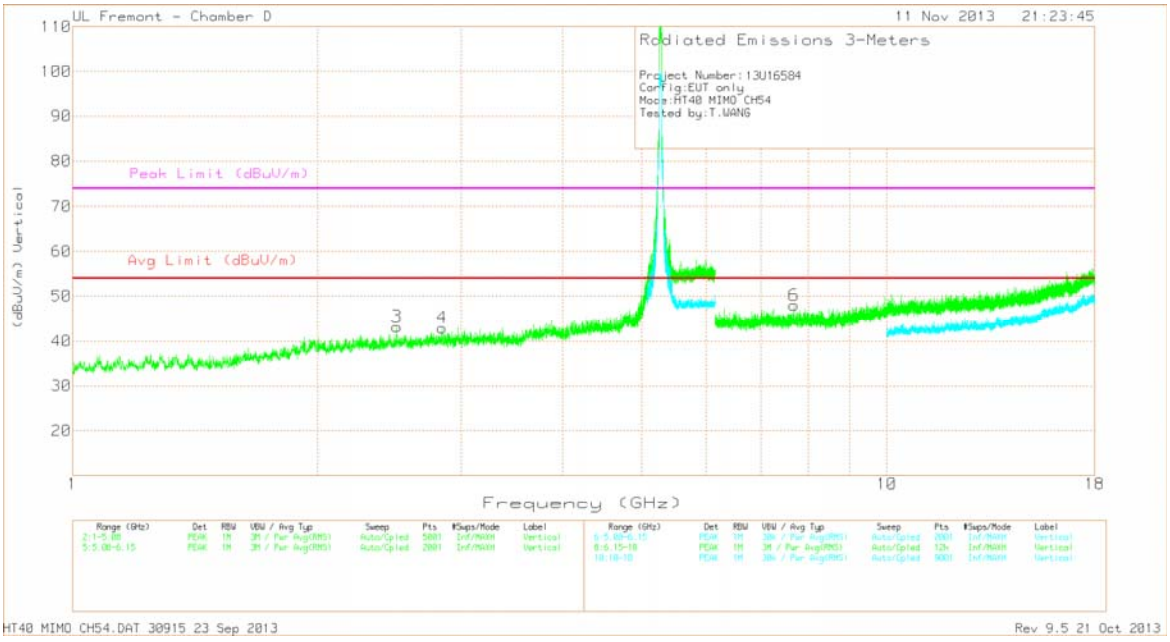
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



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DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /5GHz LPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.291	42.69	PK	32.4	-33.0	42.09	54	-11.91	74.0	-31.91	0-360	100	H
2	*3.605	41.74	PK	33.4	-31.3	43.84	54	-10.16	74.0	-30.16	0-360	199	H
3	*2.501	42.82	PK	32.7	-32.3	43.22	54	-10.78	74.0	-30.78	0-360	101	V
4	*2.844	42.70	PK	33.2	-32.9	43.00	54	-11.00	74.0	-31.00	0-360	199	V

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /6GHz HPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	6.919	39.60	PK	35.9	-28.7	46.80	-	-	68.2	-21.40	0-360	199	H
6	*7.692	40.19	PK	36.2	-28.4	47.99	54	-6.01	74.0	-26.01	0-360	200	V

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

PK - Peak detector

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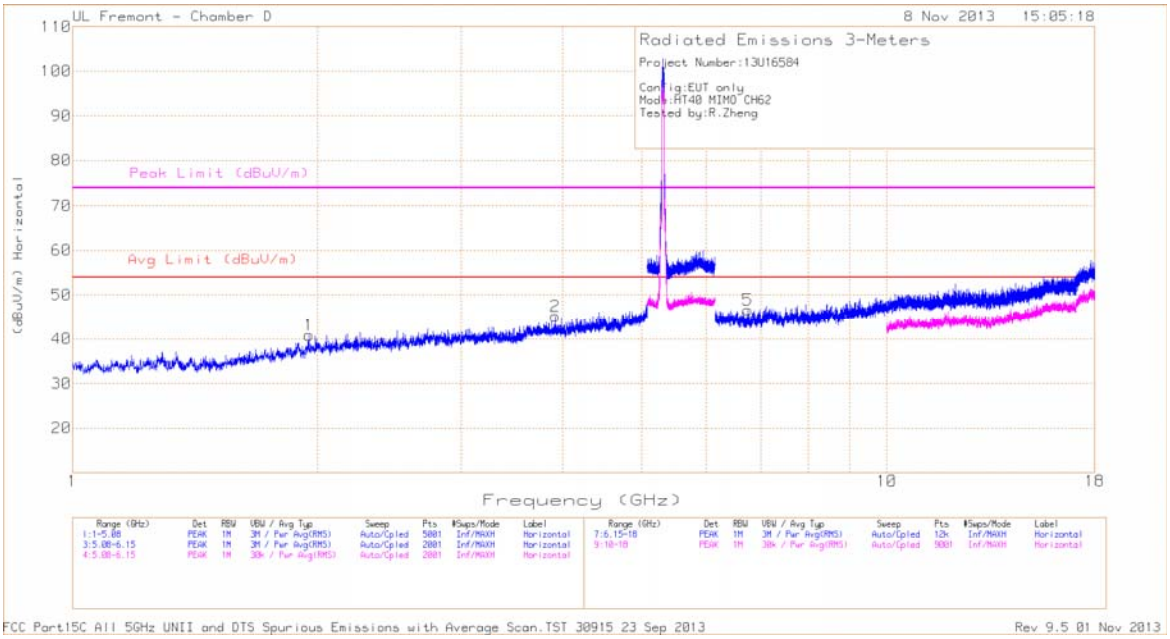
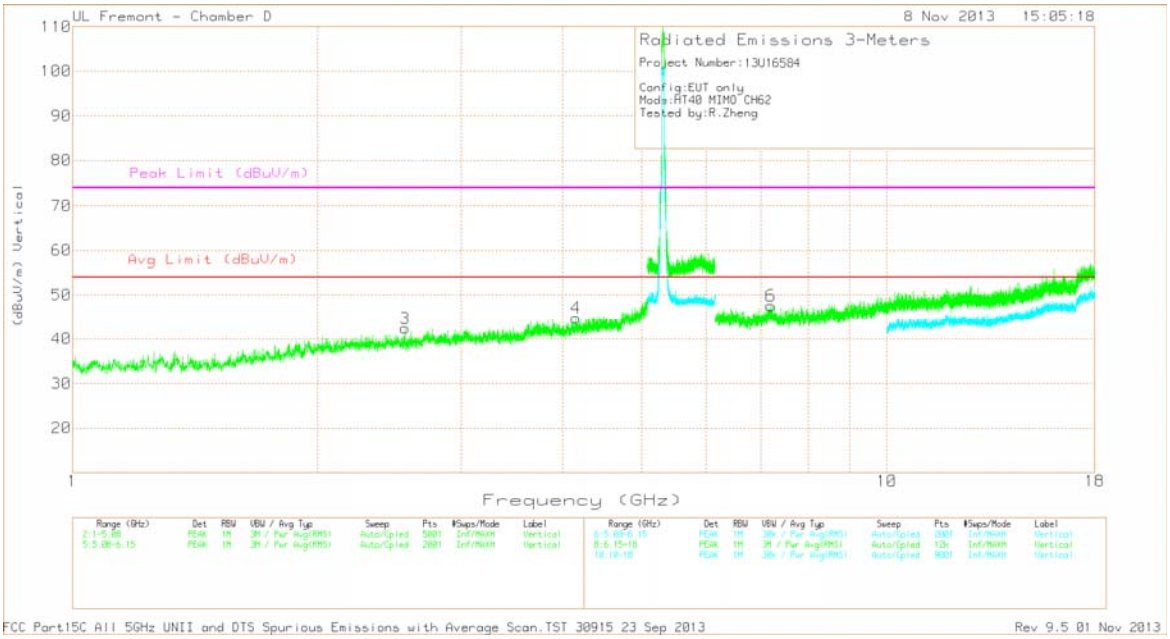
HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



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DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl /Fltr/Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.951	40.35	PK	31.4	-30.9	40.85	-	-	68.2	-27.35	0-360	200	H
2	* 3.916	40.40	PK	33.8	-29.0	45.20	54	-8.80	74.0	-28.80	0-360	100	H
3	2.561	40.62	PK	32.5	-30.7	42.42	-	-	68.2	-25.78	0-360	200	V
4	* 4.152	39.40	PK	33.9	-28.5	44.80	54	-9.20	74.0	-29.20	0-360	200	V
5	6.749	37.85	PK	35.7	-26.9	46.65	-	-	68.2	-21.55	0-360	201	H
6	7.206	35.80	PK	35.9	-24.1	47.60	-	-	68.2	-20.60	0-360	201	V

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

PK - Peak detector

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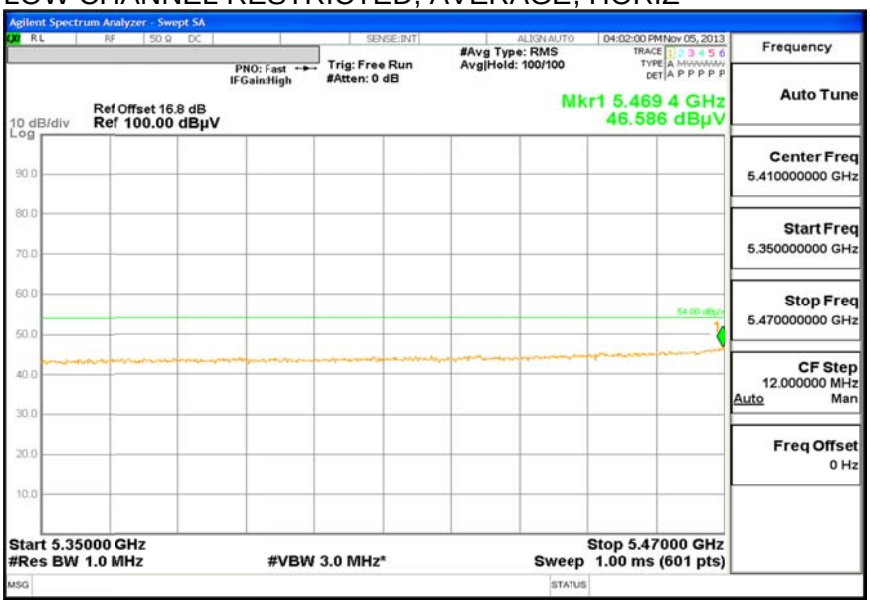
9.2.9. 802.11a SISO IN THE 5.6 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

LOW CHANNEL RESTRICTED, PEAK, HORIZ

LOW CHANNEL RESTRICTED, AVERAGE, HORIZ



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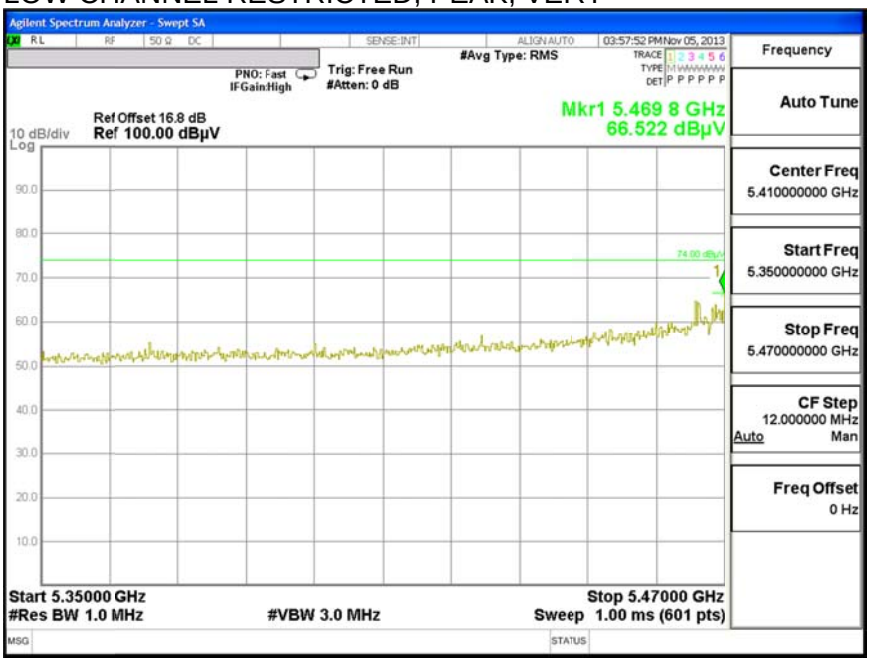
LOW CHANNEL RESTRICTED, PEAK, VERT



LOW CHANNEL RESTRICTED, AVERAGE, VERT

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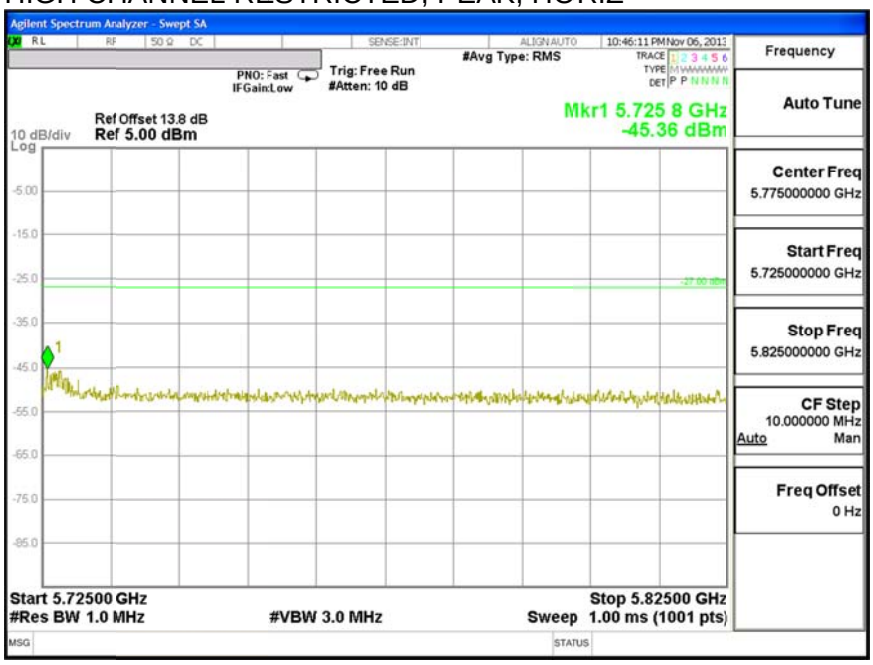
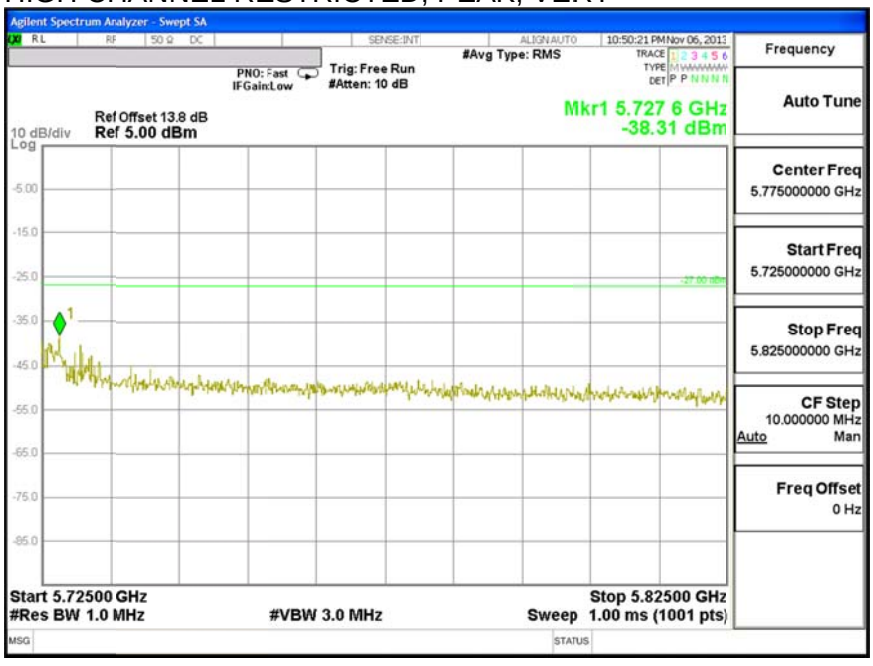
RESTRICTED BANDEDGE (HIGH CHANNEL)

HIGH CHANNEL RESTRICTED, PEAK, HORIZ



HIGH CHANNEL RESTRICTED, PEAK, VERT



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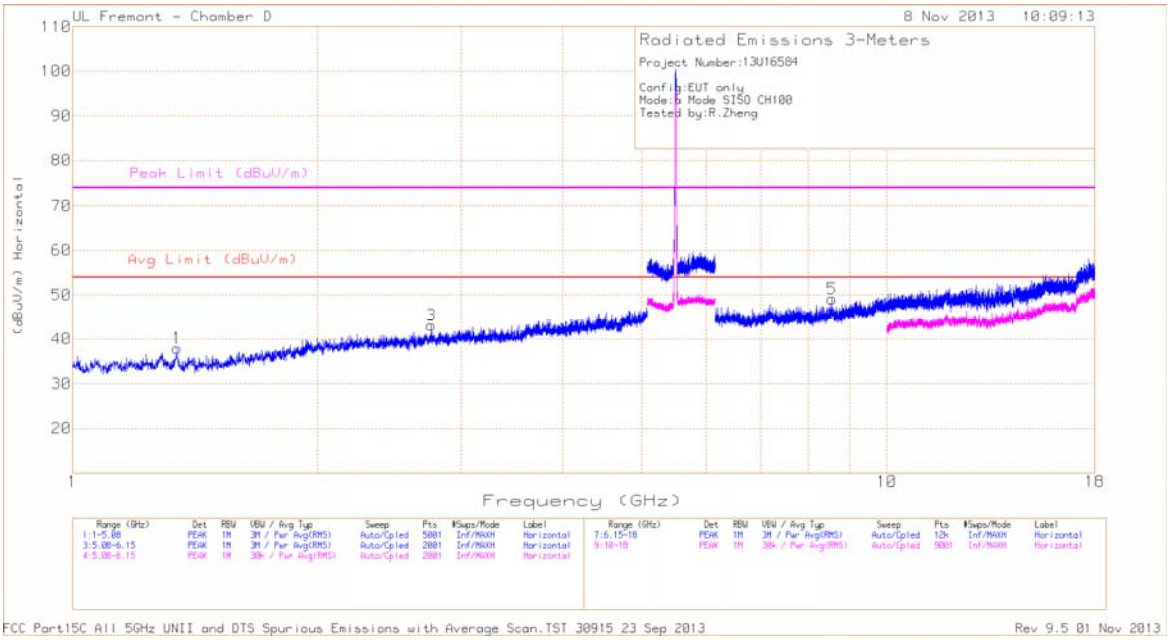
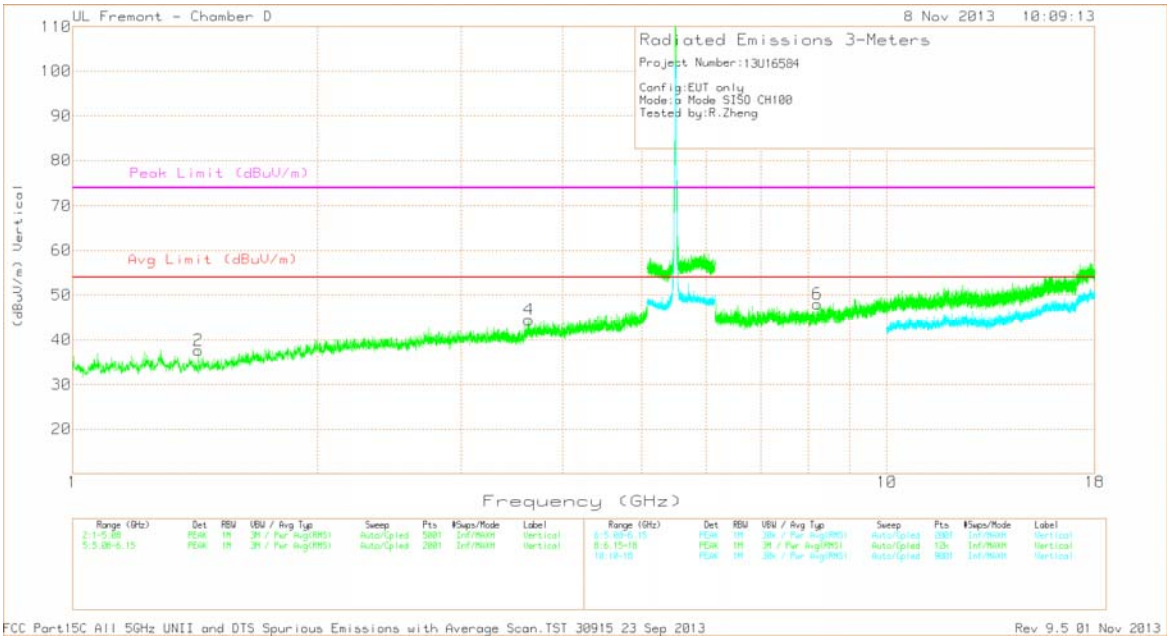
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



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DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl /Fltr/Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.344	41.14	PK	28.5	-31.7	37.94	54	-16.06	74.0	-36.06	0-360	201	H
2	1.428	41.46	PK	28.3	-32.1	37.66	-	-	68.2	-30.54	0-360	100	V
3	* 2.758	40.05	PK	32.9	-29.8	43.15	54	-10.85	74.0	-30.85	0-360	100	H
4	* 3.635	39.91	PK	33.6	-29.0	44.51	54	-9.49	74.0	-29.49	0-360	201	V
5	8.563	36.25	PK	36.3	-23.4	49.15	-	-	68.2	-19.05	0-360	200	H
6	* 8.217	37.02	PK	36.0	-25.0	48.02	54	-5.98	74.0	-25.98	0-360	200	V

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

PK - Peak detector

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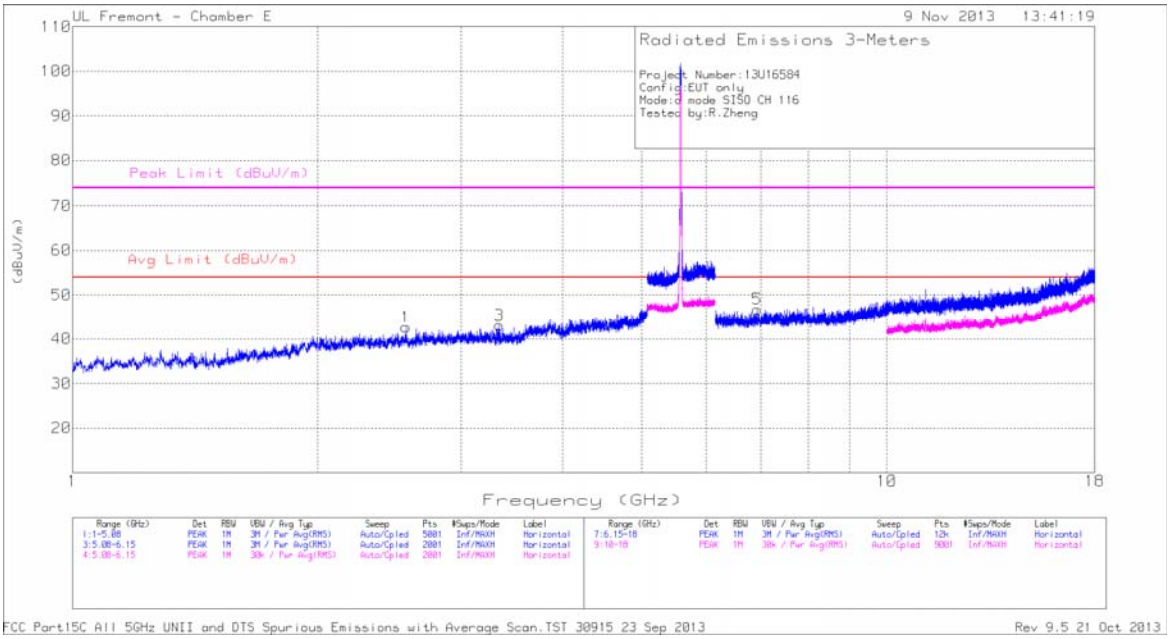
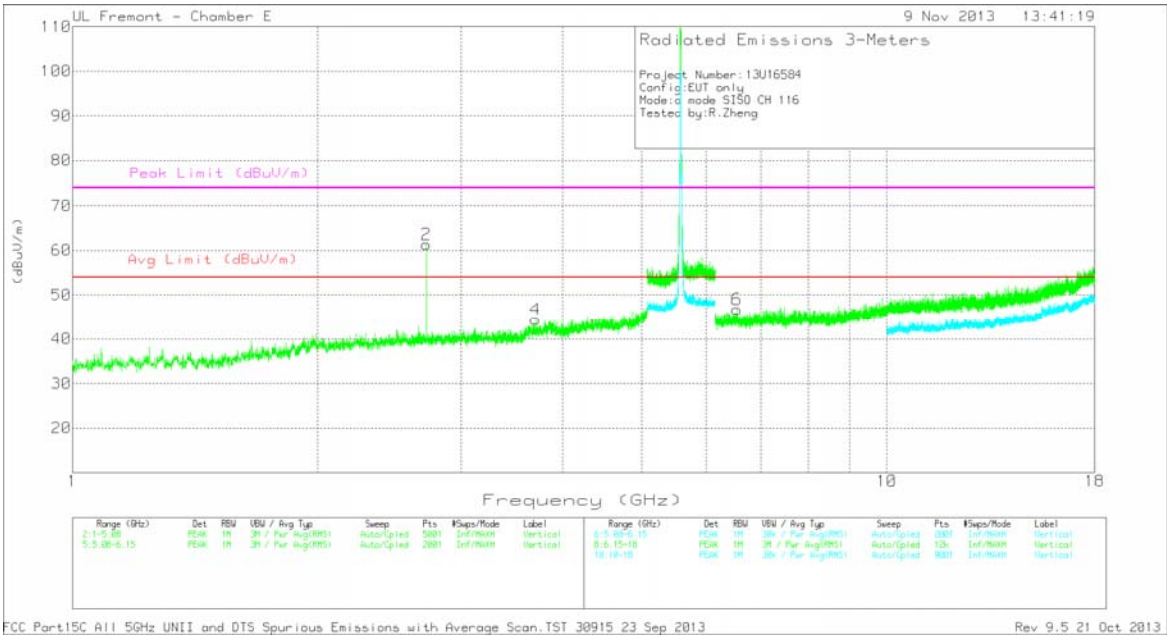
MID CHANNEL HORIZONTAL PLOT



MID CHANNEL VERTICAL PLOT



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DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/ 5GHz LPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.568	42.84	PK	32.8	-32.9	42.74	-	-	68.2	-25.46	0-360	199	H
2	* 2.721	60.74	PK	33.1	-32.5	61.34	-	-	74.0	-12.66	0-360	199	V
	* 2.721	31.40	AD1	33.1	-32.5	32.00	54	-22.00	-	-	120	275	V
3	3.343	41.62	PK	33.3	-31.8	43.12	-	-	68.2	-25.08	0-360	100	H
4	* 3.704	42.69	PK	33.6	-31.8	44.49	54	-9.51	74.0	-29.51	0-360	199	V

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/ 6GHz HPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	6.931	39.62	PK	35.9	-28.7	46.82	-	-	68.2	-21.38	0-360	100	H
6	6.545	39.26	PK	35.8	-28.3	46.76	-	-	68.2	-21.44	0-360	100	V

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

PK - Peak detector

AD1 - KDB 789033 Method: AD Primary Power Average

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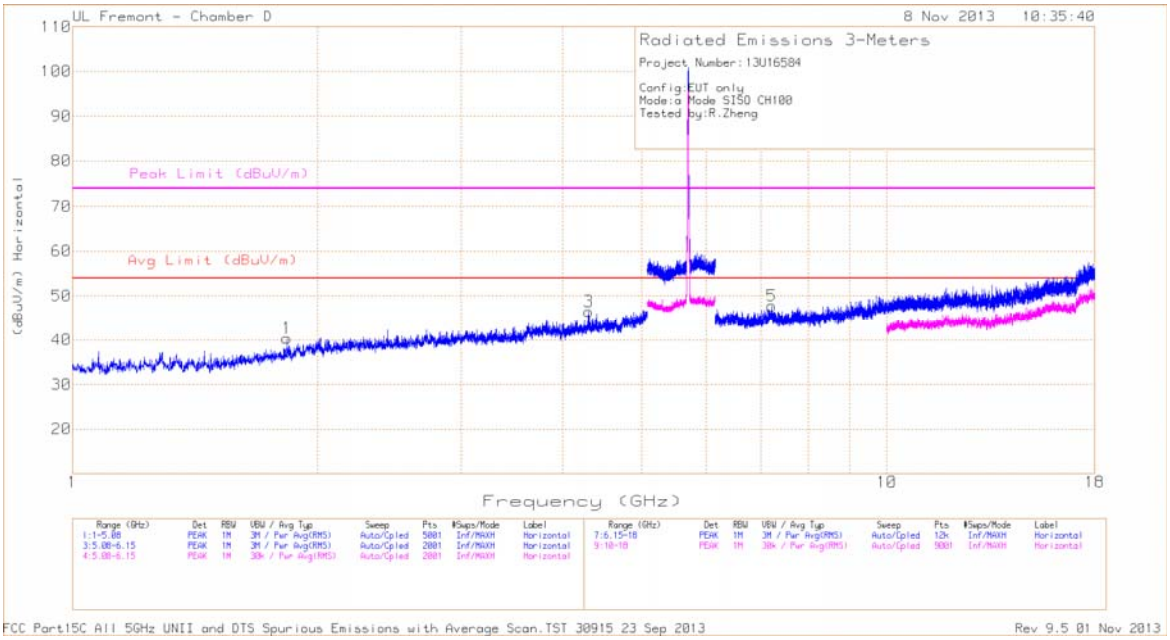
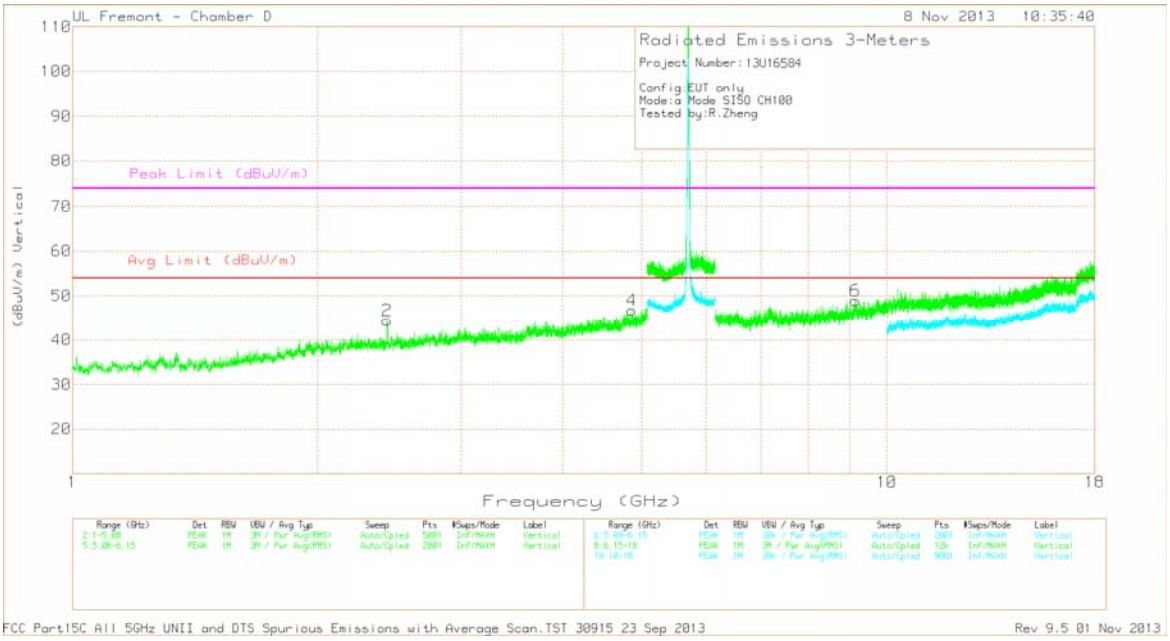
HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



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DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl/ Fltr/Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.833	41.18	PK	30.6	-31.4	40.38	-	-	68.2	-27.82	0-360	201	H
3	* 4.303	40.50	PK	34.0	-28.0	46.50	54	-7.50	74.0	-27.50	0-360	201	H
2	2.434	42.68	PK	32.4	-30.6	44.48	-	-	68.2	-23.72	0-360	100	V
4	* 4.865	39.96	PK	34.4	-27.6	46.76	54	-7.24	74.0	-27.24	0-360	100	V
5	7.223	35.88	PK	35.9	-24.0	47.78	-	-	68.2	-20.42	0-360	200	H
6	* 9.151	34.83	PK	36.8	-22.7	48.93	-	-	74.0	-25.07	0-360	200	V
	* 9.151	24.61	AD1	36.8	-22.7	38.71	54	-15.29	-	-	287	254	V

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

PK - Peak detector

AD1 - KDB 789033 Method: AD Primary Power Average

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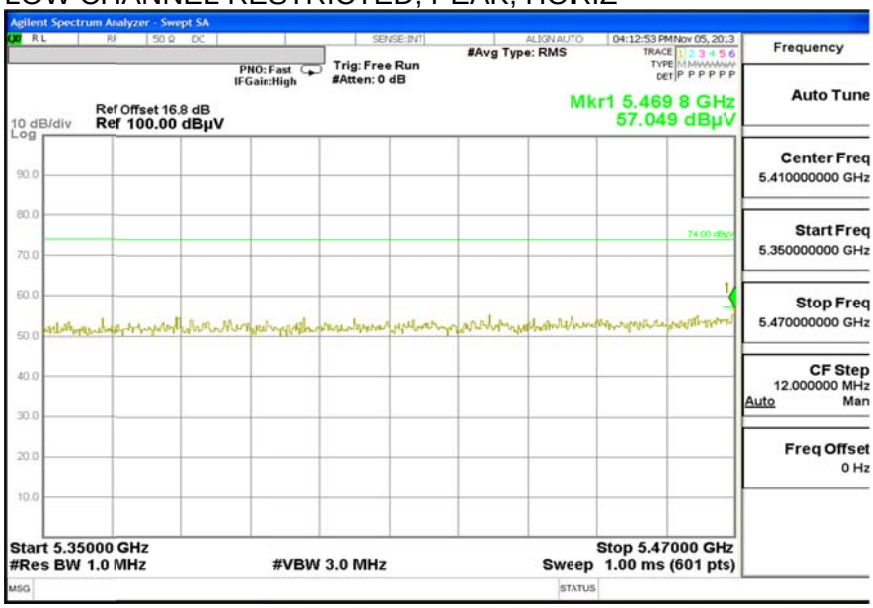
9.2.10. 802.11n HT20 MIMO IN THE 5.6 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

LOW CHANNEL RESTRICTED, PEAK, HORIZ



LOW CHANNEL RESTRICTED, AVERAGE, HORIZ

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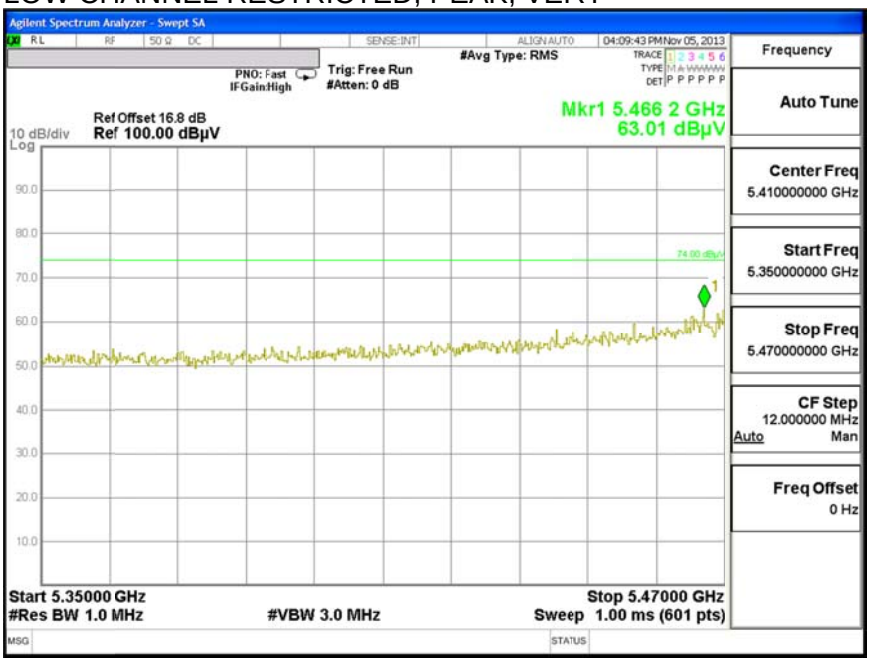
LOW CHANNEL RESTRICTED, PEAK, VERT



LOW CHANNEL RESTRICTED, AVERAGE, VERT

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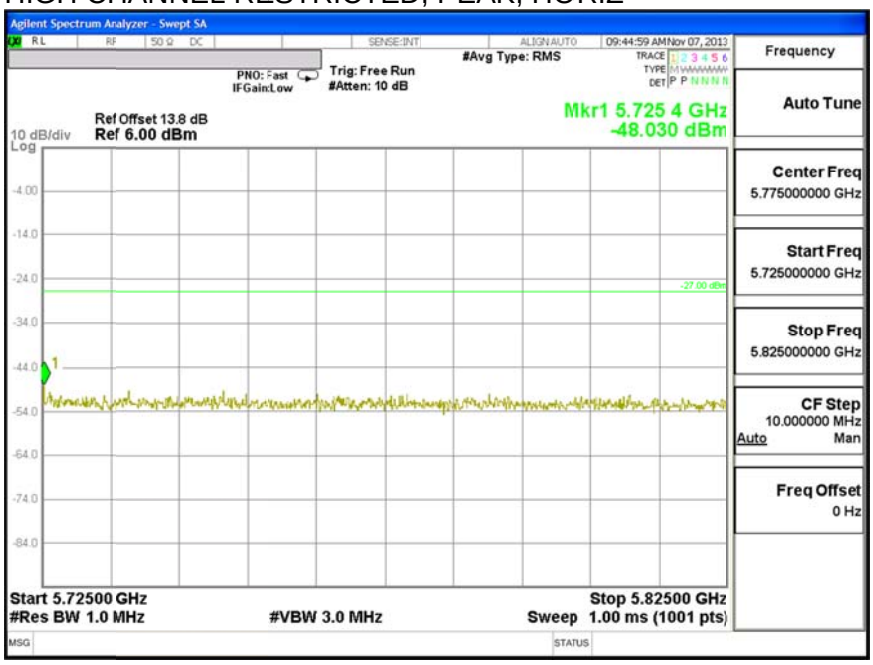
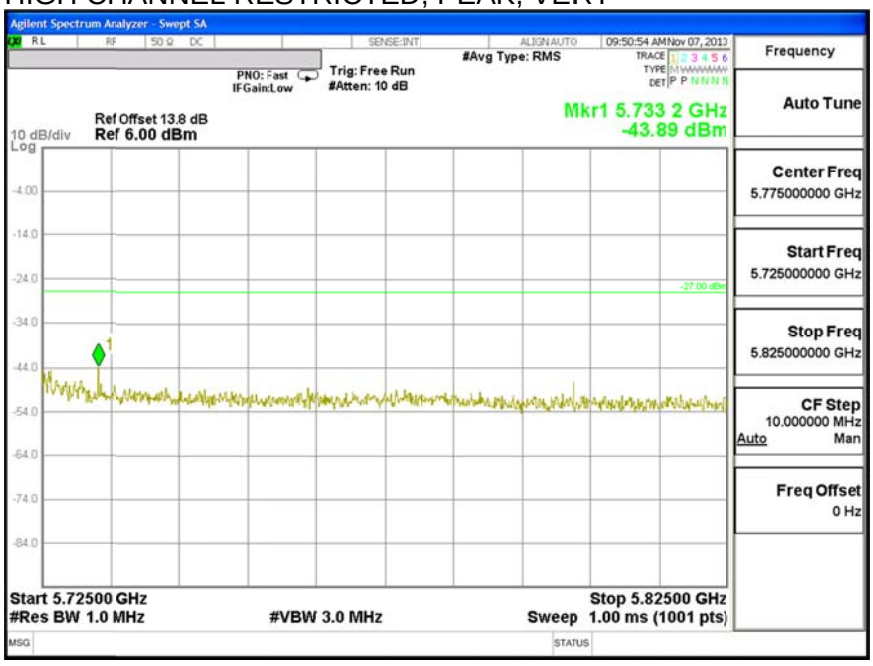
RESTRICTED BANDEDGE (HIGH CHANNEL)

HIGH CHANNEL RESTRICTED, PEAK, HORIZ



HIGH CHANNEL RESTRICTED, PEAK, VERT



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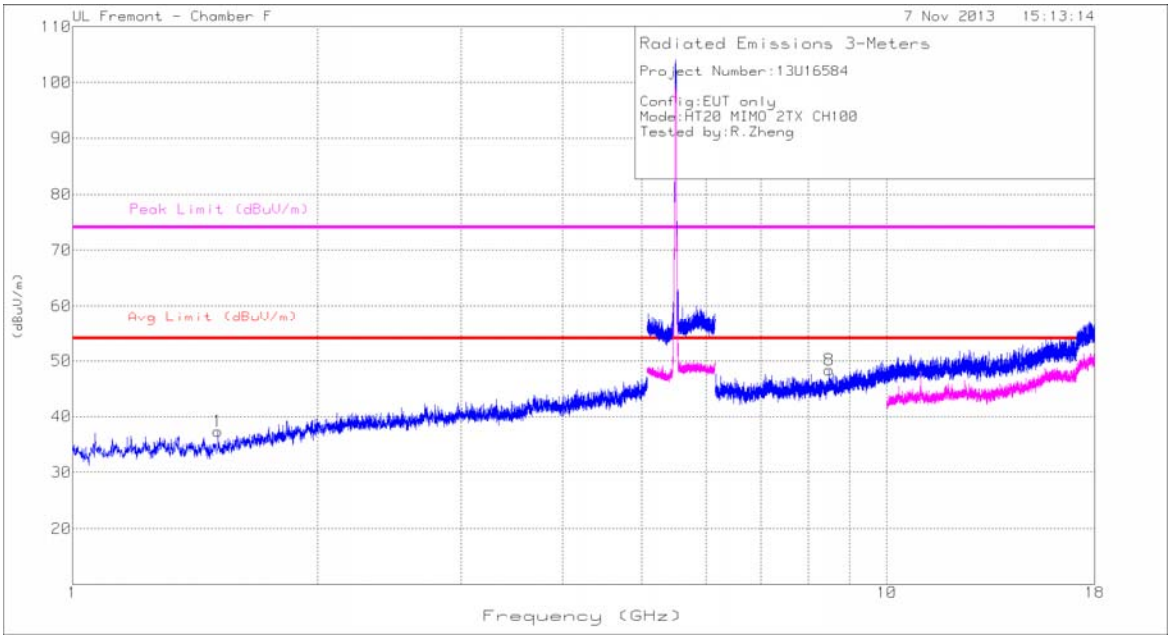
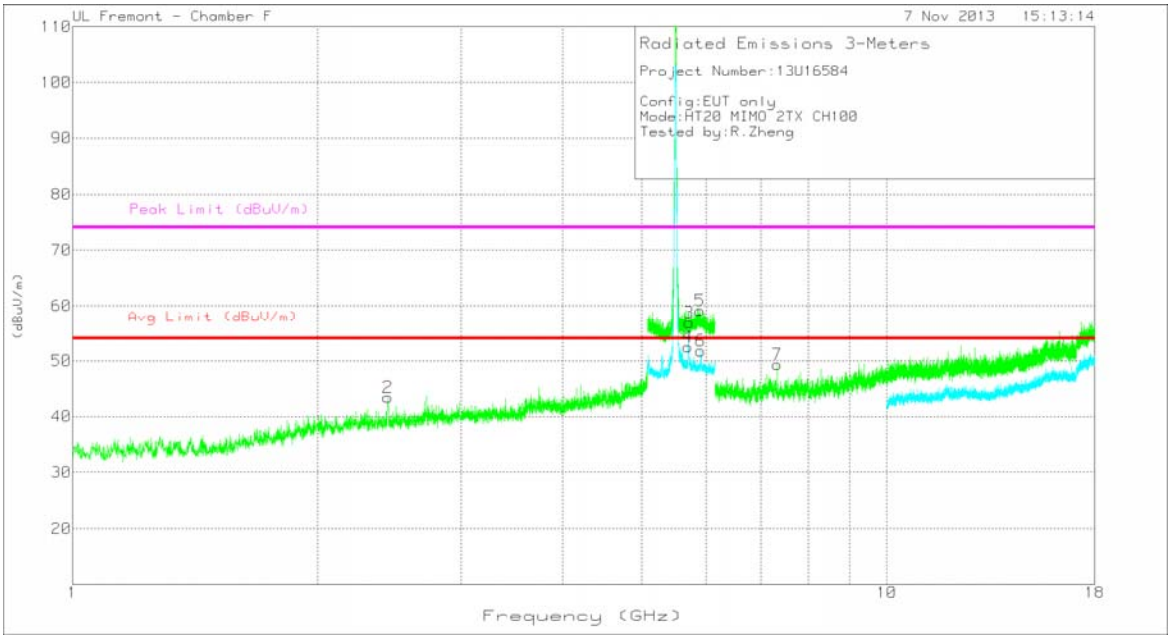
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



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DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl /Fltr/Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.508	41.16	PK	28.3	-32.1	37.36	54	-16.64	74.0	-36.64	0-360	100	H
2	2.439	41.64	PK	32.4	-30.6	43.44	-	-	68.2	-24.76	0-360	100	V
3	5.718	39.63	PK	35.2	-17.9	56.93	-	-	68.2	-11.27	0-360	100	V
5	5.896	41.04	PK	35.5	-17.4	59.14	-	-	68.2	-9.06	0-360	201	V
7	* 7.334	39.76	PK	35.9	-26.3	49.36	-	-	74.0	-24.64	0-360	100	V
	* 7.334	27.26	AD1	35.9	-26.4	36.76	54	-17.24	-	-	54	295	V
8	* 8.495	35.96	PK	36.2	-23.8	48.36	-	-	74.0	-25.64	0-360	100	H
	* 8.495	25.63	AD1	36.2	-24.3	37.53	54	-16.47	-	-	131	389	H

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

PK - Peak detector

AD1 - KDB 789033 Method: AD Primary Power Average

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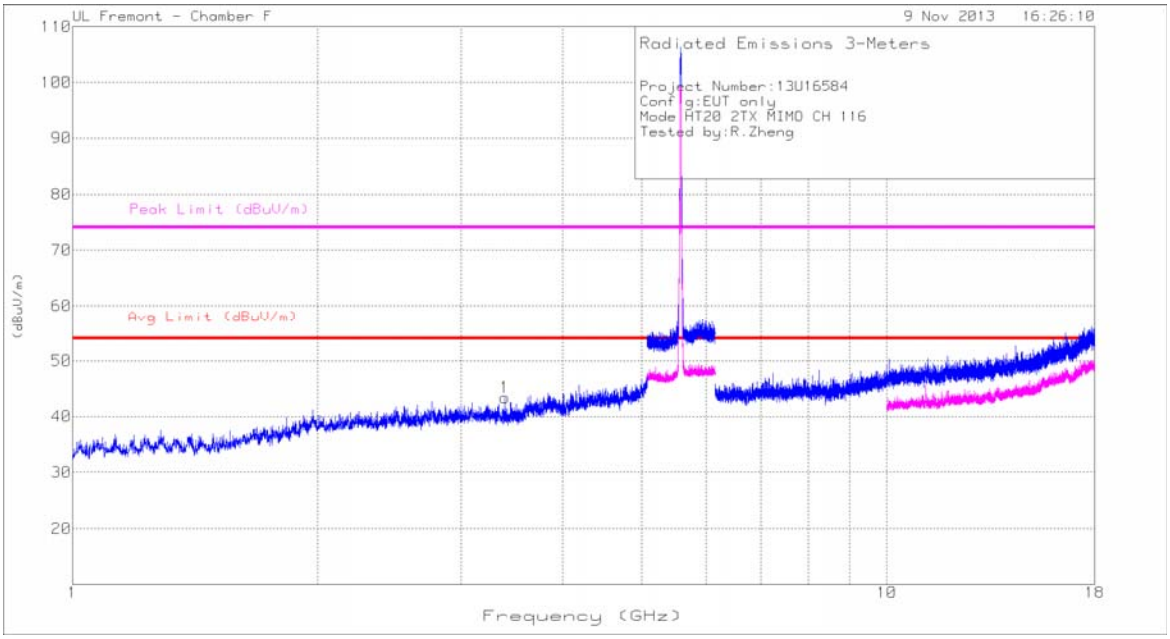
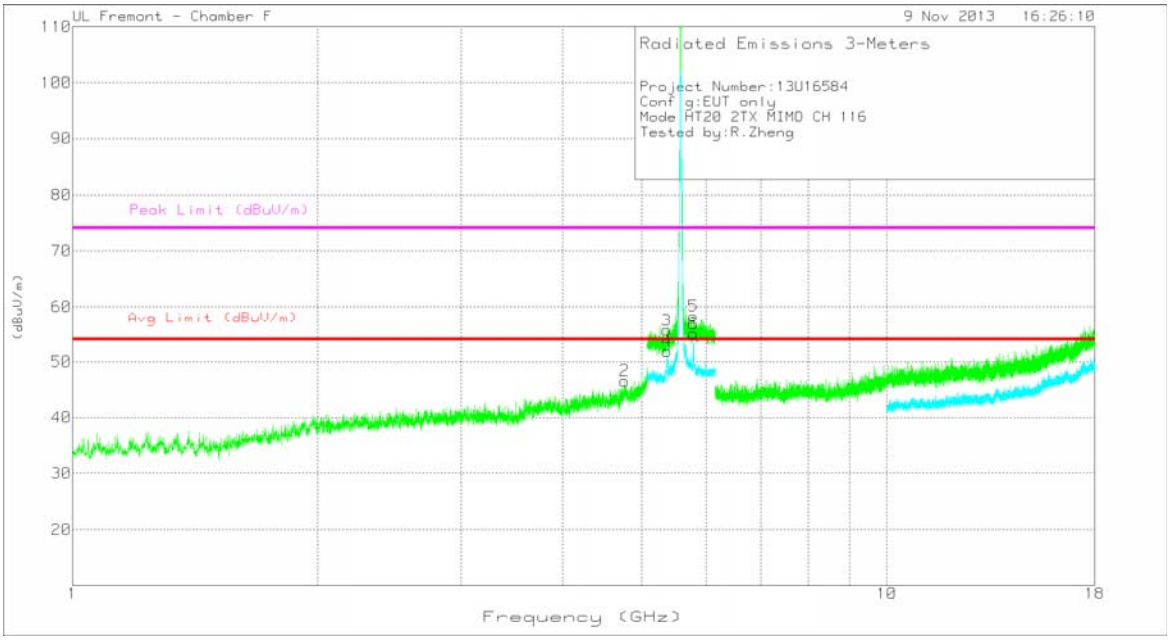
MID CHANNEL HORIZONTAL PLOT



MID CHANNEL VERTICAL PLOT



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DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /5GHz LPF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.396	42.42	PK	33.2	-32.2	43.42	-	-	68.2	-24.78	0-360	100	H
2	* 4.764	42.18	PK	34.4	-30.0	46.58	54	-7.42	74.0	-27.42	0-360	199	V

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /10dB Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 5.366	42.71	PK	34.7	-21.7	55.71	-	-	74.0	-18.29	0-360	100	V
4	* 5.366	38.90	Avg	34.7	-21.7	51.90	54	-2.10	-	-	0-360	199	V
5	5.787	44.20	PK	35.5	-21.4	58.30	-	-	68.2	-9.90	0-360	199	V

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

PK - Peak detector

Avg - Video bandwidth < Resolution bandwidth

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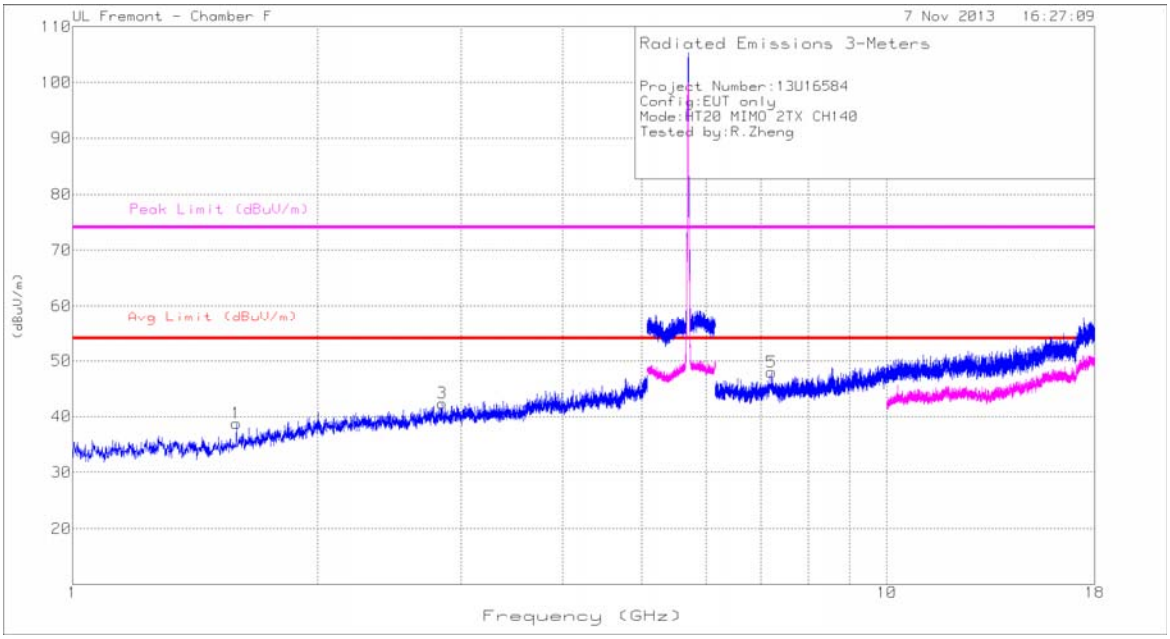
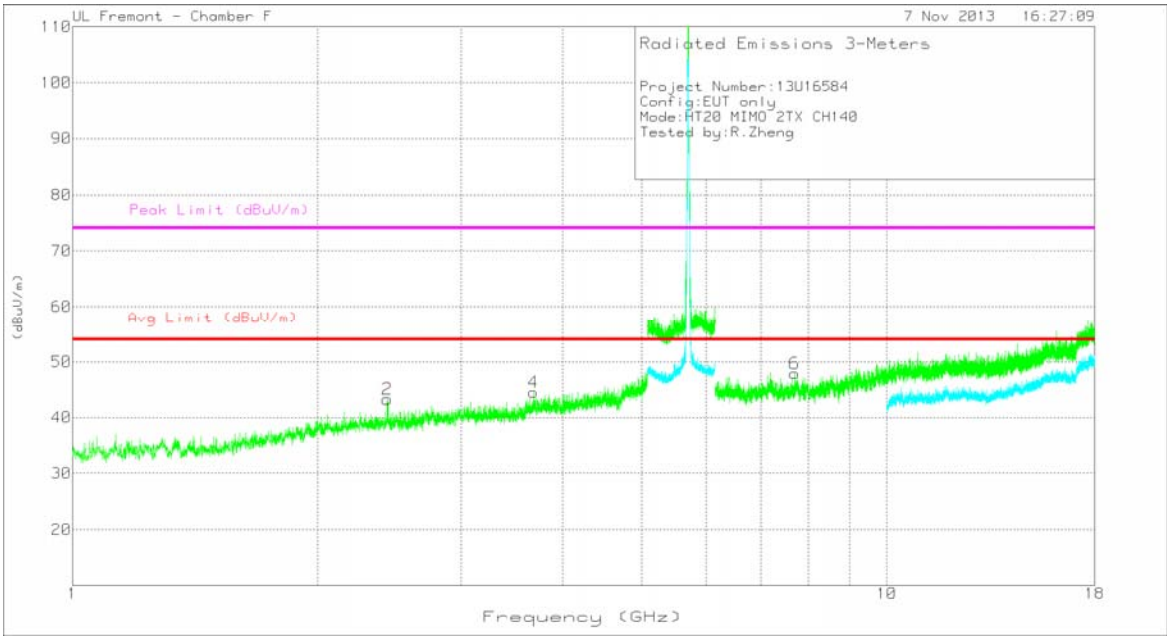
HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



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DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl /Fltr/Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.589	41.60	PK	28.8	-31.6	38.80	54	-15.20	74.0	-35.20	0-360	201	H
2	2.435	41.50	PK	32.4	-30.6	43.30	-	-	68.2	-24.90	0-360	100	V
3	* 2.843	39.79	PK	33.0	-30.4	42.39	54	-11.61	74.0	-31.61	0-360	100	H
4	* 3.681	39.83	PK	33.7	-29.0	44.53	54	-9.47	74.0	-29.47	0-360	201	V
5	7.217	36.08	PK	35.9	-24.0	47.98	-	-	68.2	-20.22	0-360	200	H
6	* 7.706	36.83	PK	36.1	-25.0	47.93	54	-6.07	74.0	-26.07	0-360	100	V

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

PK - Peak detector

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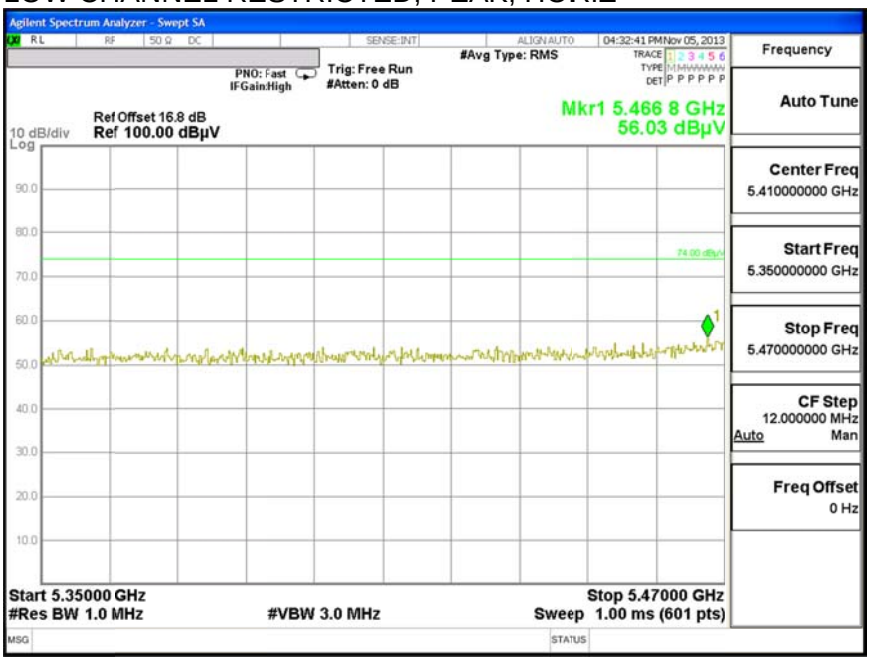
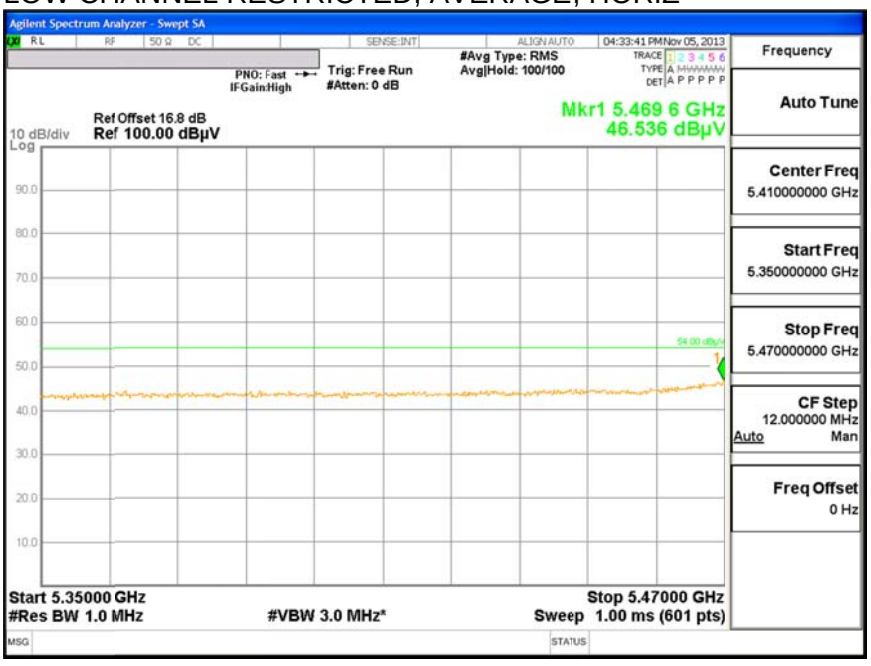
9.2.11. 802.11n HT40 SISO IN THE 5.6 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

LOW CHANNEL RESTRICTED, PEAK, HORIZ



LOW CHANNEL RESTRICTED, AVERAGE, HORIZ



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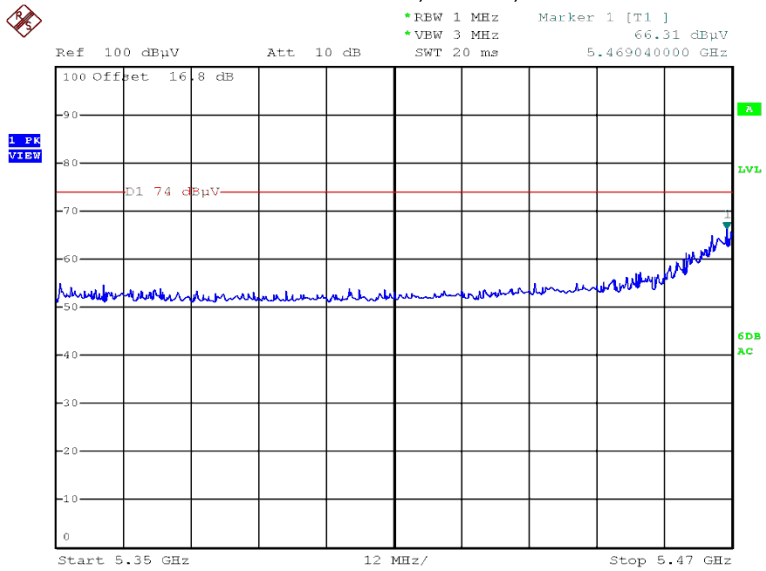
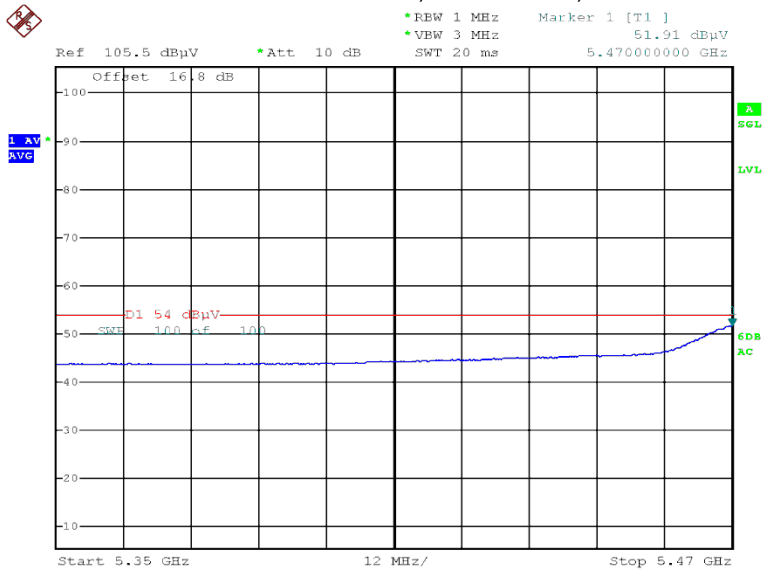
LOW CHANNEL RESTRICTED, PEAK, VERT



Date: 16.DEC.2013 19:42:30

LOW CHANNEL RESTRICTED, AVERAGE, VERT



Date: 16.DEC.2013 19:43:37

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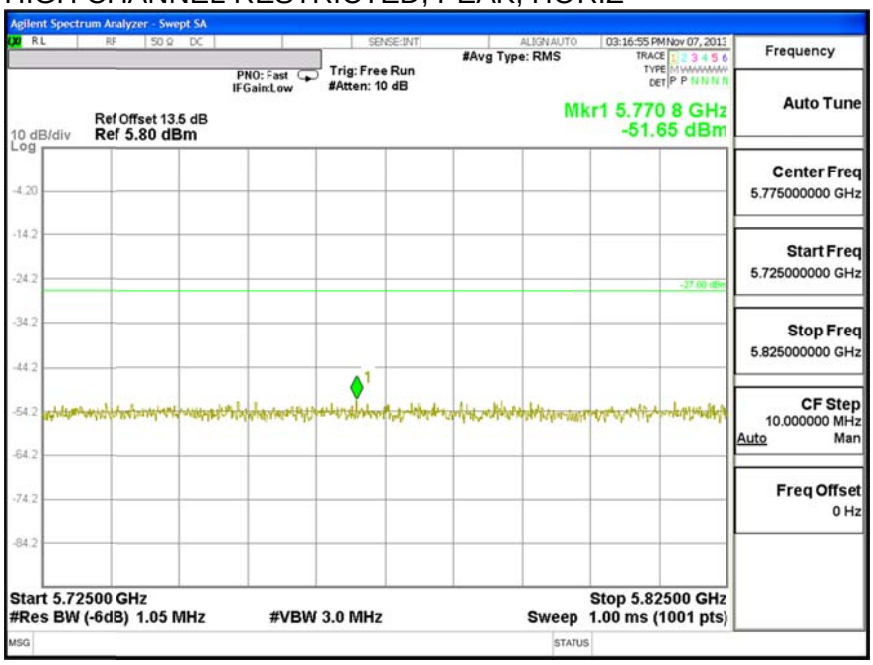
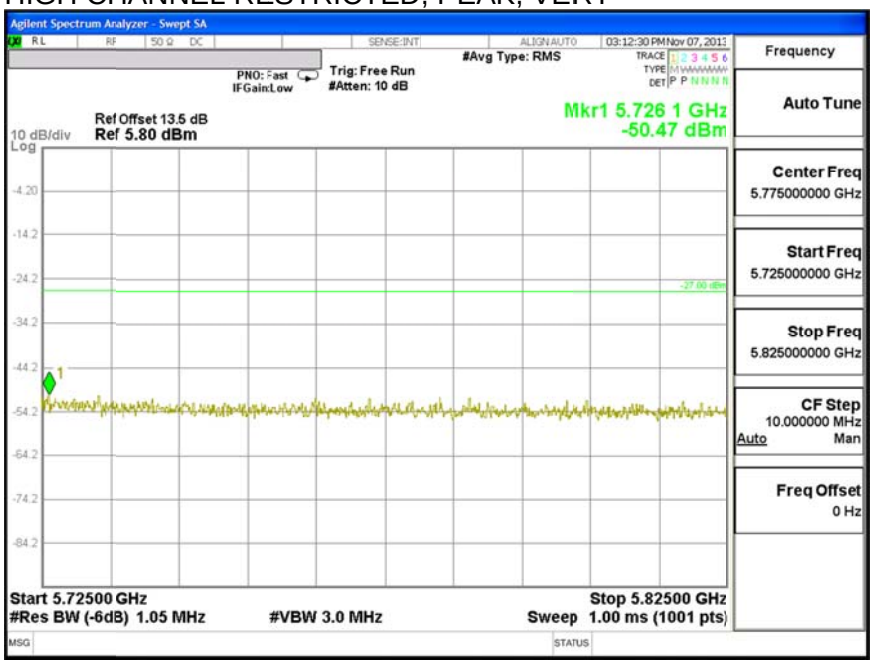
RESTRICTED BANDEDGE (HIGH CHANNEL)

HIGH CHANNEL RESTRICTED, PEAK, HORIZ



HIGH CHANNEL RESTRICTED, PEAK, VERT



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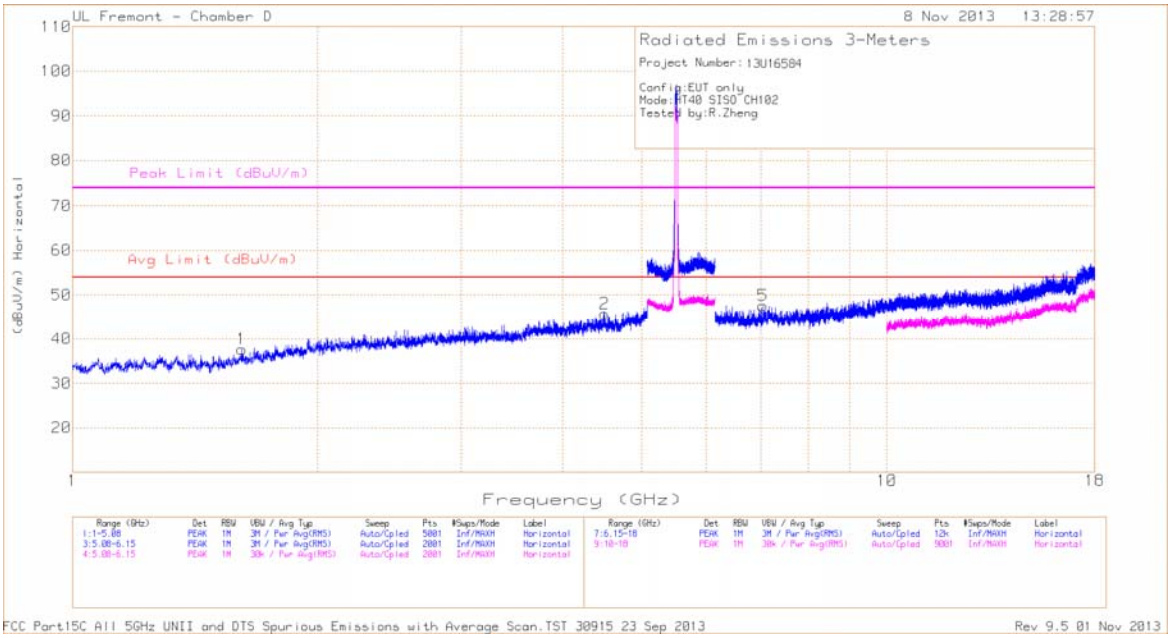
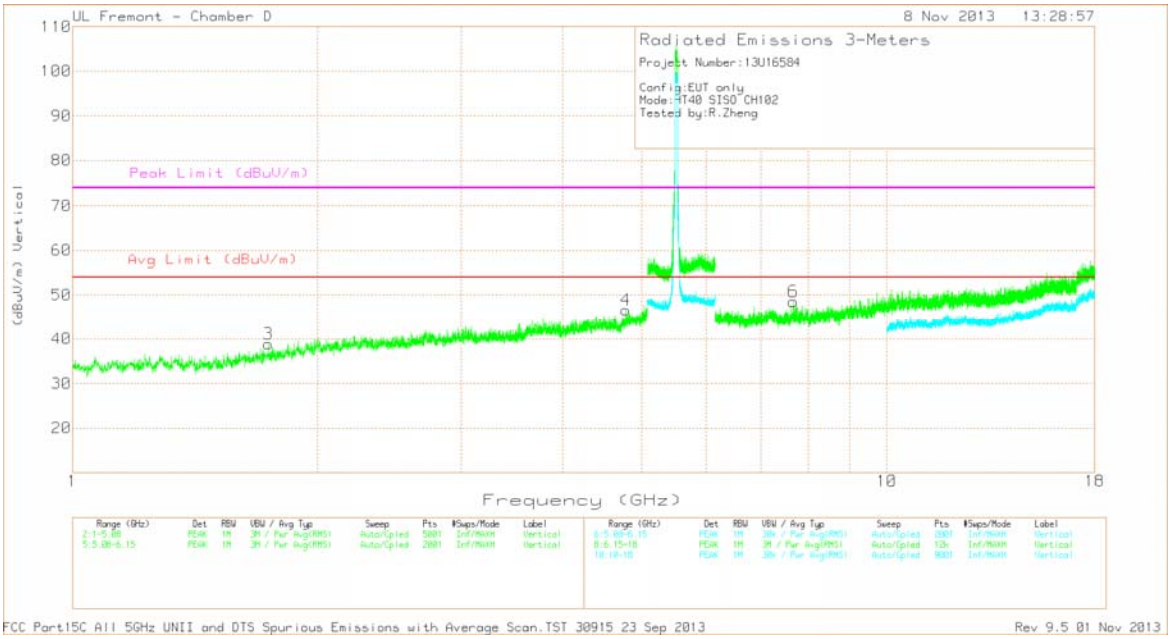
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



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DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl /Fltr/Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.614	39.98	PK	29.0	-31.3	37.68	54	-16.32	74.0	-36.32	0-360	100	H
2	* 4.501	38.58	PK	34.2	-27.0	45.78	54	-8.22	74.0	-28.22	0-360	100	H
3	1.739	40.57	PK	29.9	-31.6	38.87	-	-	68.2	-29.33	0-360	200	V
4	* 4.782	39.43	PK	34.4	-27.2	46.63	54	-7.37	74.0	-27.37	0-360	200	V
5	7.046	38.32	PK	35.9	-26.6	47.62	-	-	68.2	-20.58	0-360	201	H
6	* 7.677	37.86	PK	36	-25.3	48.56	-	-	74.0	-25.44	0-360	201	V
	* 7.677	26.11	AD1	36.1	-25.2	37.01	54	-16.99	-	-	120	388	V

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

PK - Peak detector

AD1 - KDB 789033 Method: AD Primary Power Average

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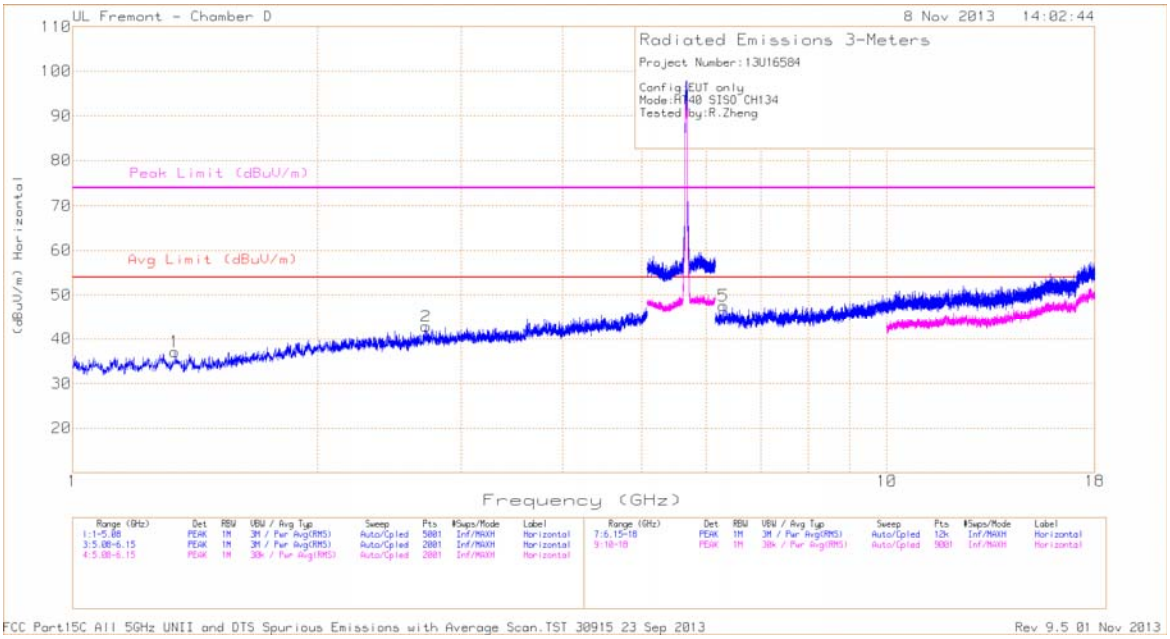
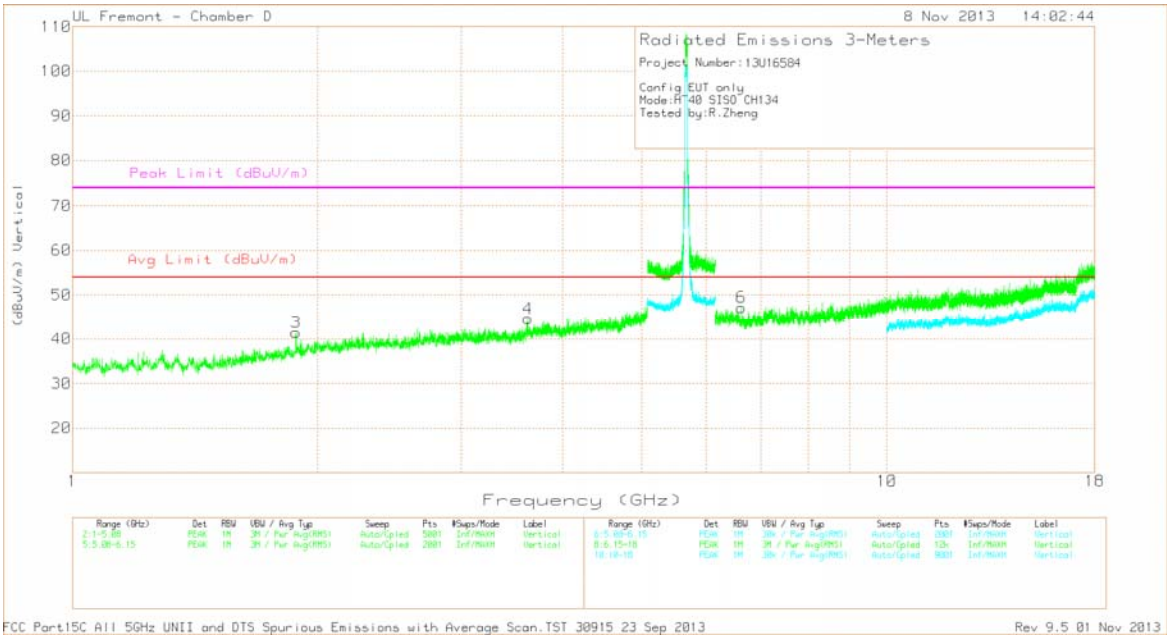
HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



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DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl /Fltr/Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.335	40.21	PK	28.5	-31.6	37.11	54	-16.89	74.0	-36.89	0-360	201	H
2	* 2.717	39.76	PK	32.8	-29.7	42.86	54	-11.14	74.0	-31.14	0-360	201	H
3	1.881	41.79	PK	30.9	-31.2	41.49	-	-	68.2	-26.71	0-360	201	V
4	* 3.623	40.26	PK	33.5	-29.1	44.66	54	-9.34	74.0	-29.34	0-360	100	V
5	6.299	38.18	PK	36.0	-26.6	47.58	-	-	68.2	-20.62	0-360	100	H
6	6.630	38.03	PK	35.7	-26.5	47.23	-	-	68.2	-20.97	0-360	100	V

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

PK - Peak detector

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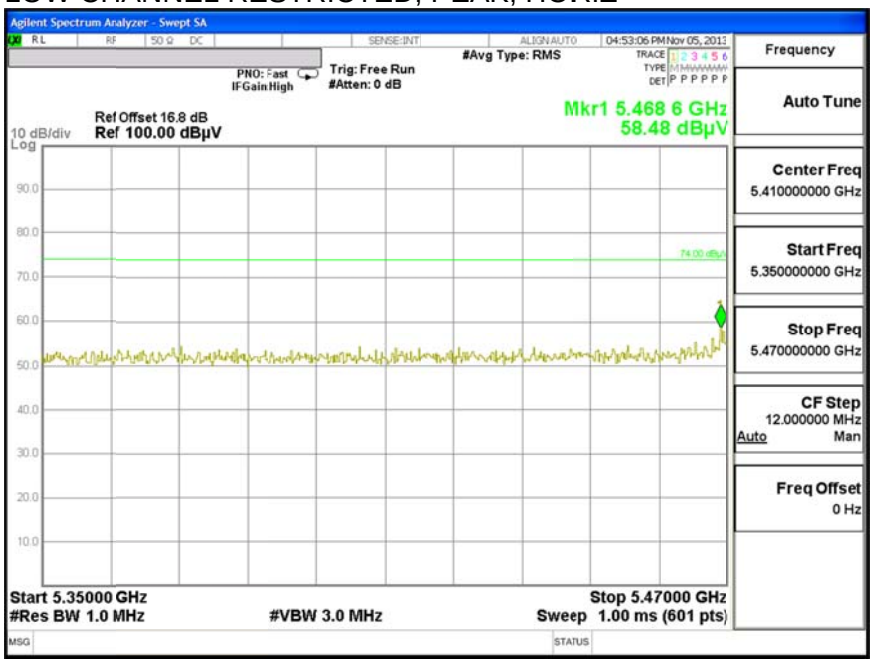
9.2.12. 802.11n HT40 MIMO IN THE 5.6 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

LOW CHANNEL RESTRICTED, PEAK, HORIZ



LOW CHANNEL RESTRICTED, AVERAGE, HORIZ

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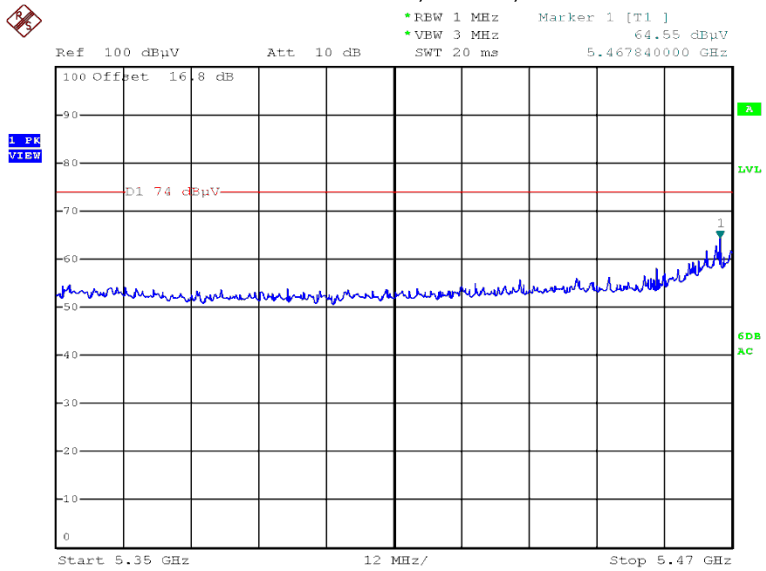
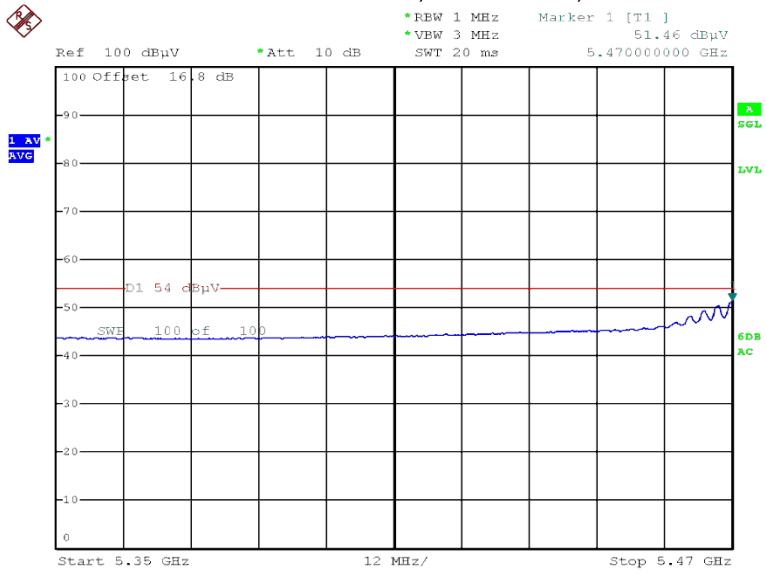
LOW CHANNEL RESTRICTED, PEAK, VERT



Date: 16.DEC.2013 19:48:59

LOW CHANNEL RESTRICTED, AVERAGE, VERT



Date: 16.DEC.2013 19:49:48

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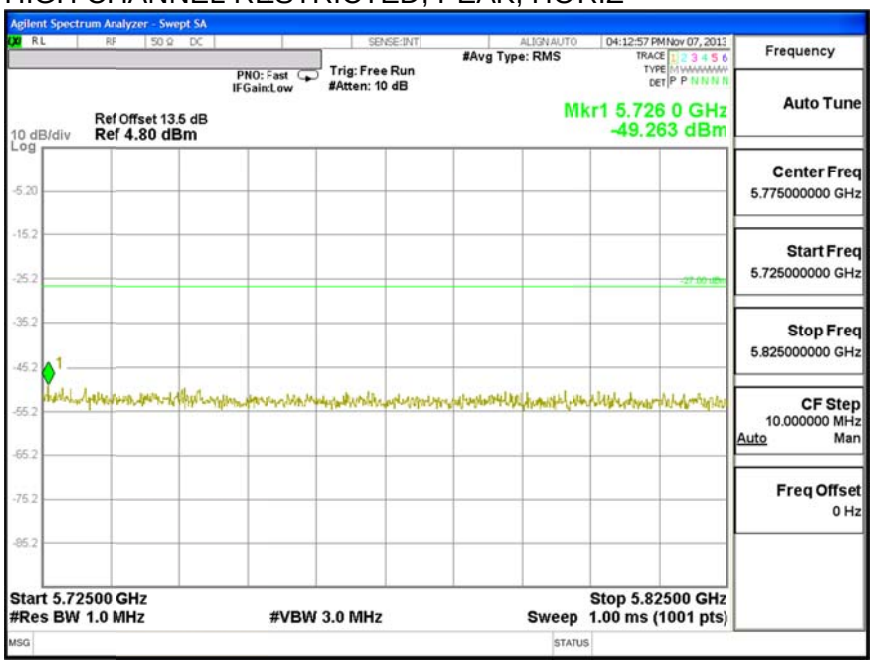
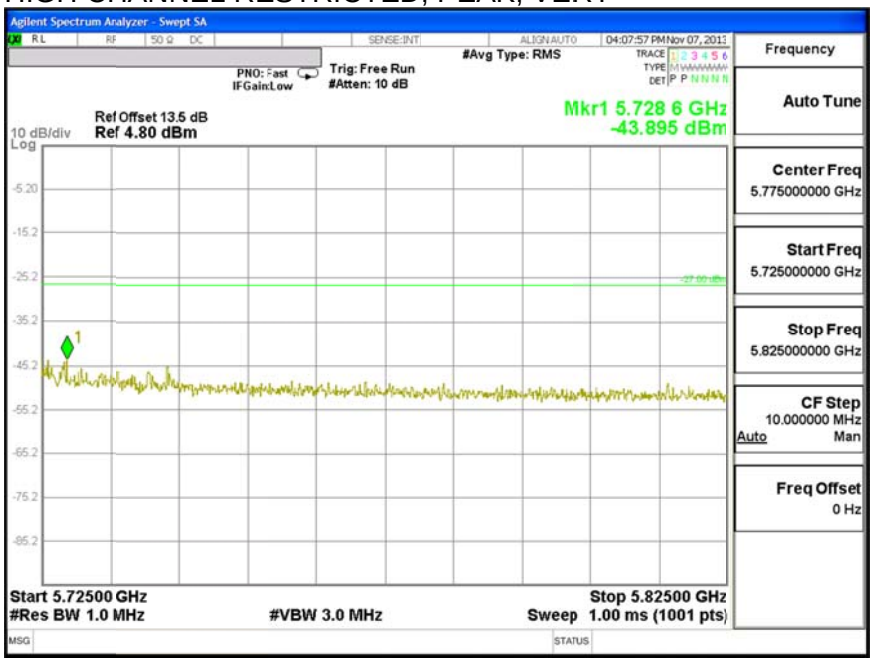
RESTRICTED BANDEDGE (HIGH CHANNEL)

HIGH CHANNEL RESTRICTED, PEAK, HORIZ



HIGH CHANNEL RESTRICTED, PEAK, VERT



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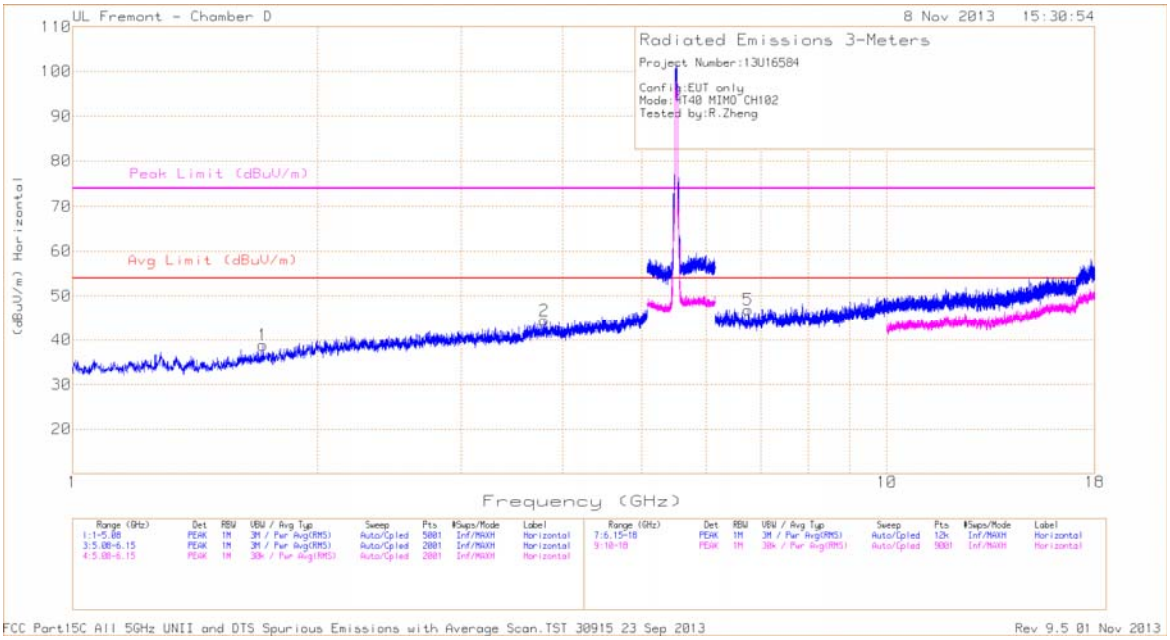
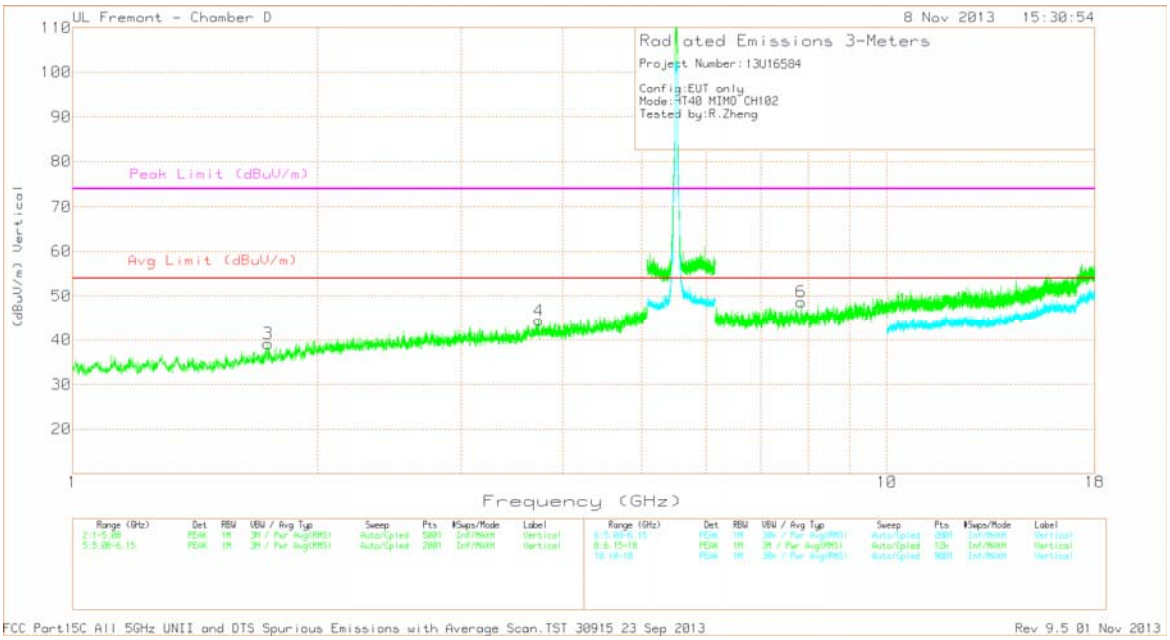
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL PLOT



LOW CHANNEL VERTICAL PLOT



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DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl /Fltr/Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.713	40.52	PK	29.7	-31.4	38.82	-	-	68.2	-29.38	0-360	100	H
2	* 3.797	39.84	PK	33.8	-29.2	44.44	54	-9.56	74.0	-29.56	0-360	200	H
3	1.738	40.83	PK	29.9	-31.6	39.13	-	-	68.2	-29.07	0-360	100	V
4	* 3.737	39.93	PK	33.8	-29.3	44.43	54	-9.57	74.0	-29.57	0-360	100	V
5	6.751	38.13	PK	35.7	-26.9	46.93	-	-	68.2	-21.27	0-360	200	H
6	7.850	37.93	PK	36.1	-25.3	48.73	-	-	68.2	-19.47	0-360	200	V

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

PK - Peak detector

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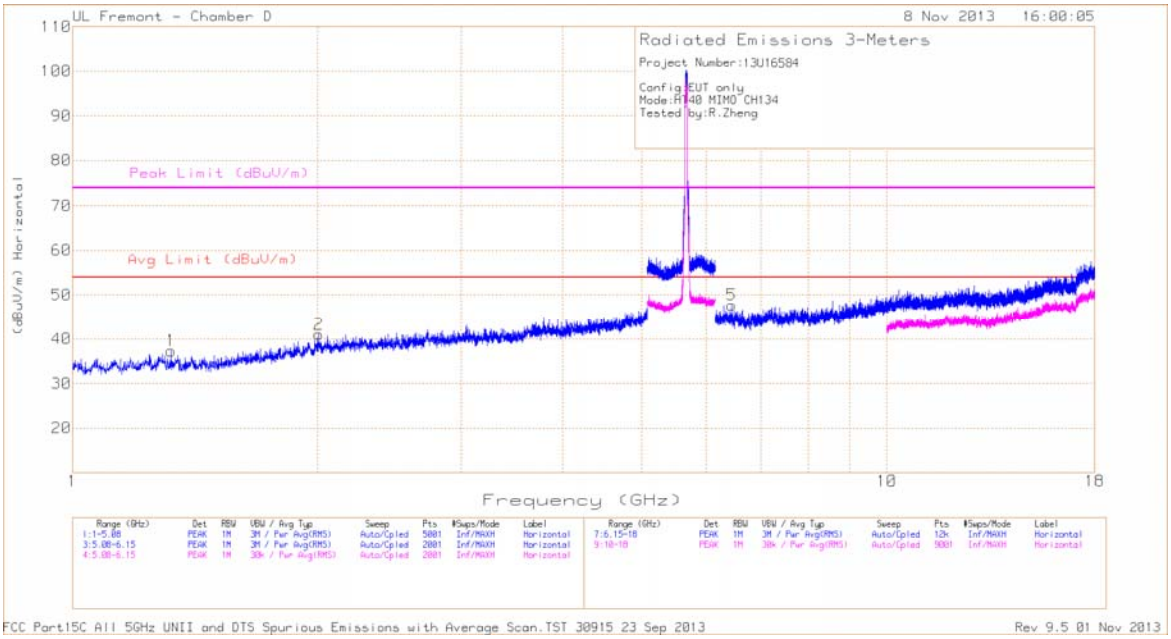
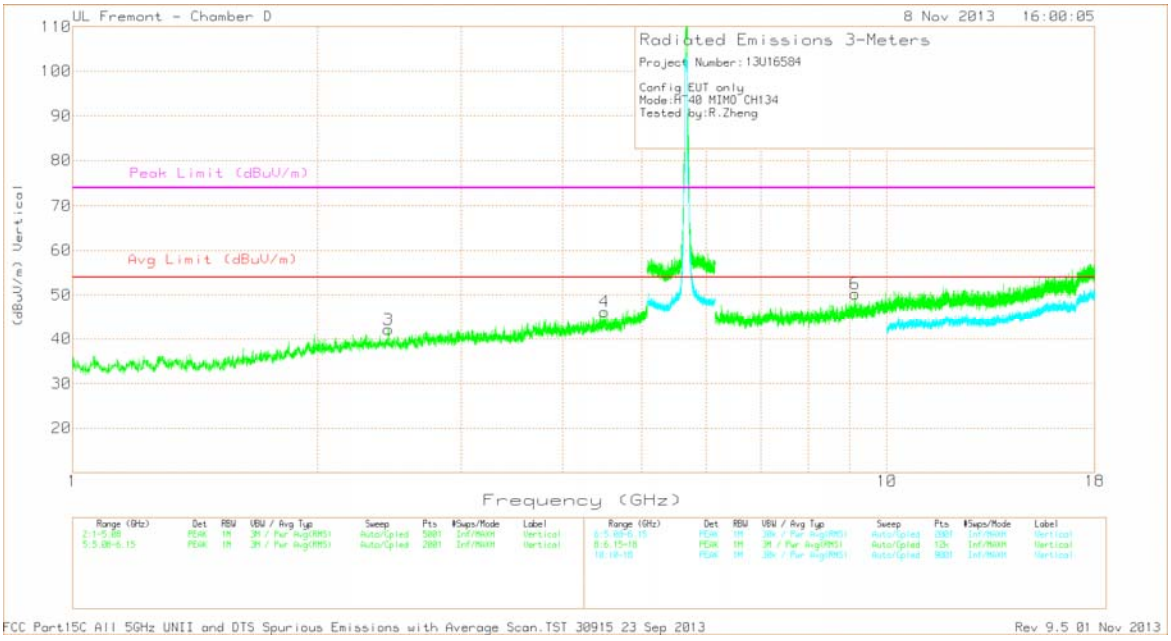
HIGH CHANNEL HORIZONTAL PLOT



HIGH CHANNEL VERTICAL PLOT



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DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (db/m)	Amp/Cbl /Fltr/Pad	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.321	40.44	PK	28.5	-31.6	37.34	54	-16.66	74.0	-36.66	0-360	201	H
2	2.006	40.37	PK	31.7	-31.0	41.07	-	-	68.2	-27.13	0-360	201	H
3	2.443	40.36	PK	32.4	-30.6	42.16	-	-	68.2	-26.04	0-360	201	V
4	4.500	39.07	PK	34.2	-27.0	46.27	-	-	68.2	-21.93	0-360	201	V
5	6.446	38.76	PK	35.8	-26.8	47.76	-	-	68.2	-20.44	0-360	100	H
6	* 9.140	36.27	PK	36.8	-22.8	50.27	-	-	74.0	-23.73	0-360	100	V
	* 9.140	24.90	AD1	36.8	-22.8	38.90	54	-15.10	-	-	120	232	V

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

PK - Peak detector

AD1 - KDB 789033 Method: AD Primary Power Average

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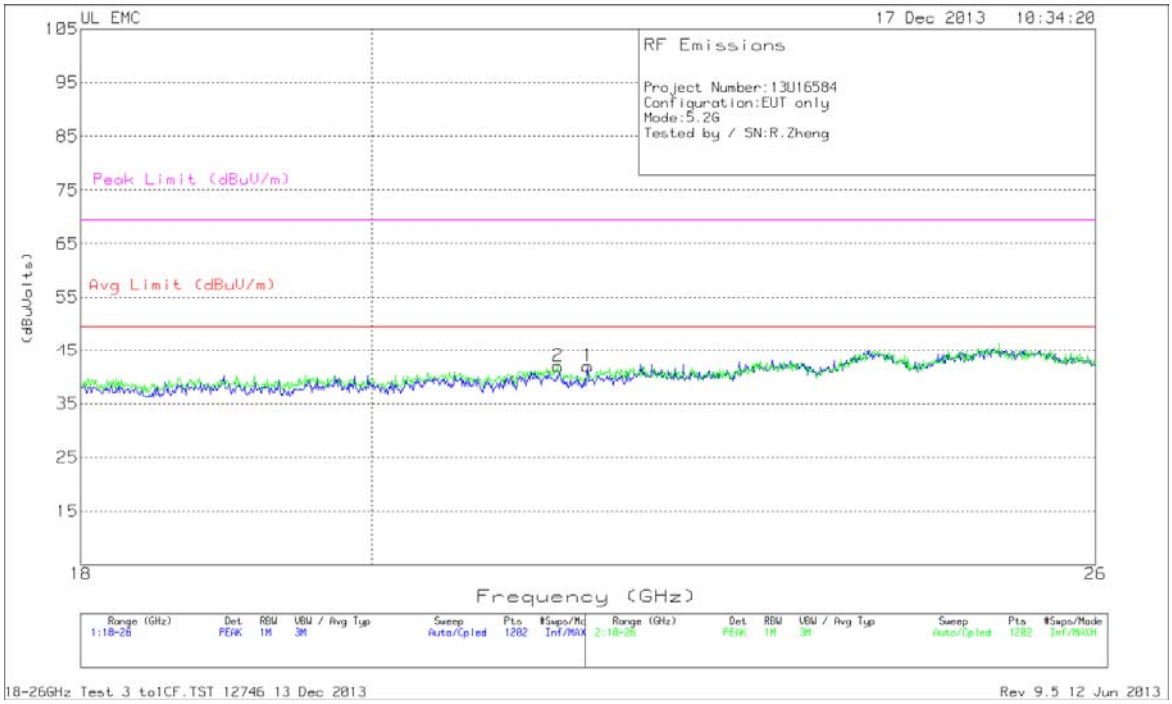
9.3. WORST-CASE ABOVE 18 GHz

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

5.2 GHz BAND



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	21.630	41.8	PK	33.1	-23.4	-9.5	42	49.5	-7.5	69.5	-27.5
2	21.397	42.3	PK	32.9	-23.7	-9.5	42	49.5	-7.5	69.5	-27.5

PK - Peak detector

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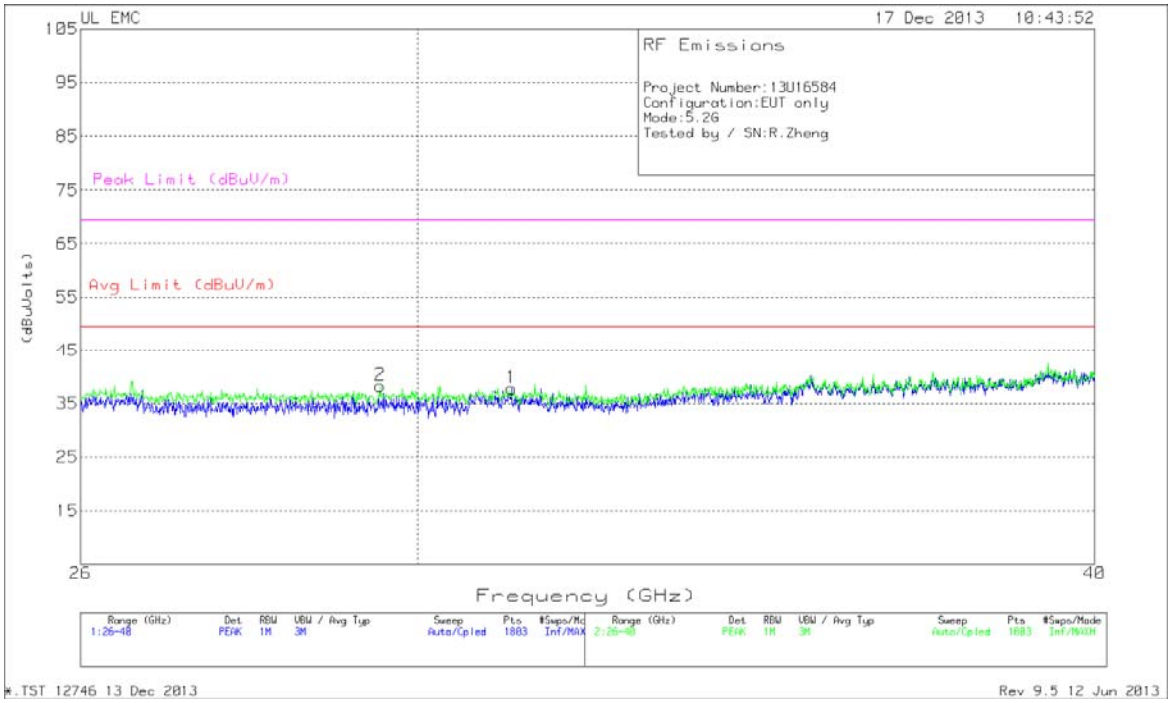
SPURIOUS EMISSIONS 26 TO 40 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)

5.2 GHz BAND



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T90 AF (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	31.221	47.43	PK	36.0	-36.1	-9.5	37.83	49.5	-11.67	69.5	-31.67
2	29.527	46.73	PK	35.9	-34.8	-9.5	38.33	49.5	-11.167	69.5	-31.17

PK - Peak detector

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

5.3 GHz BAND

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	19.719	41.53	PK	32.7	-23.9	-9.5	40.83	49.5	-8.67	69.5	-28.670
2	20.345	42.07	PK	32.7	-24.1	-9.5	41.17	49.5	-8.33	69.5	-28.337

PK - Peak detector

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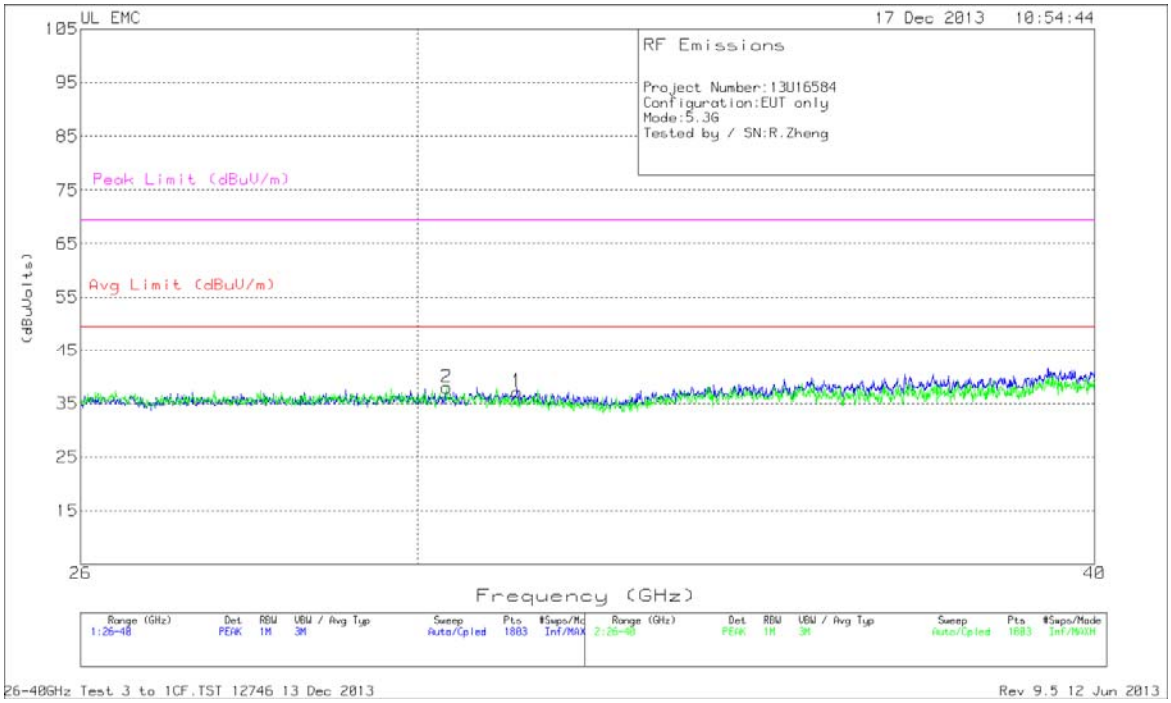
SPURIOUS EMISSIONS 26 TO 40 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)

5.3 GHz BAND



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T90 AF (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	31.299	46.87	PK	36.0	-36.2	-9.5	37.17	49.5	-12.337	69.5	-32.337
2	30.374	47.50	PK	35.9	-35.9	-9.5	38.00	49.5	-11.500	69.5	-31.500

PK - Peak detector

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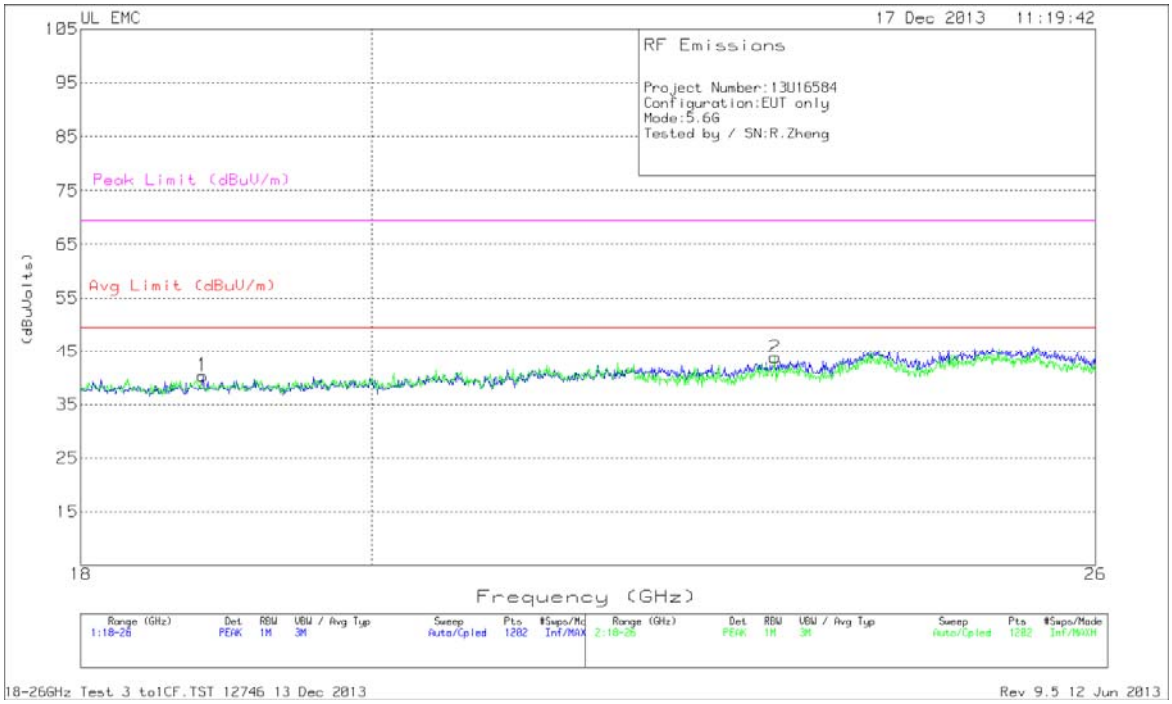
SPURIOUS EMISSIONS 18 TO 26 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)

5.6 GHz BAND



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	18.813	41.73	PK	32.5	-24.4	-9.5	40.33	49.5	-9.17	69.5	-29.17
2	23.149	43.33	PK	33.4	-23.4	-9.5	43.83	49.5	-5.67	69.5	-25.67

PK - Peak detector

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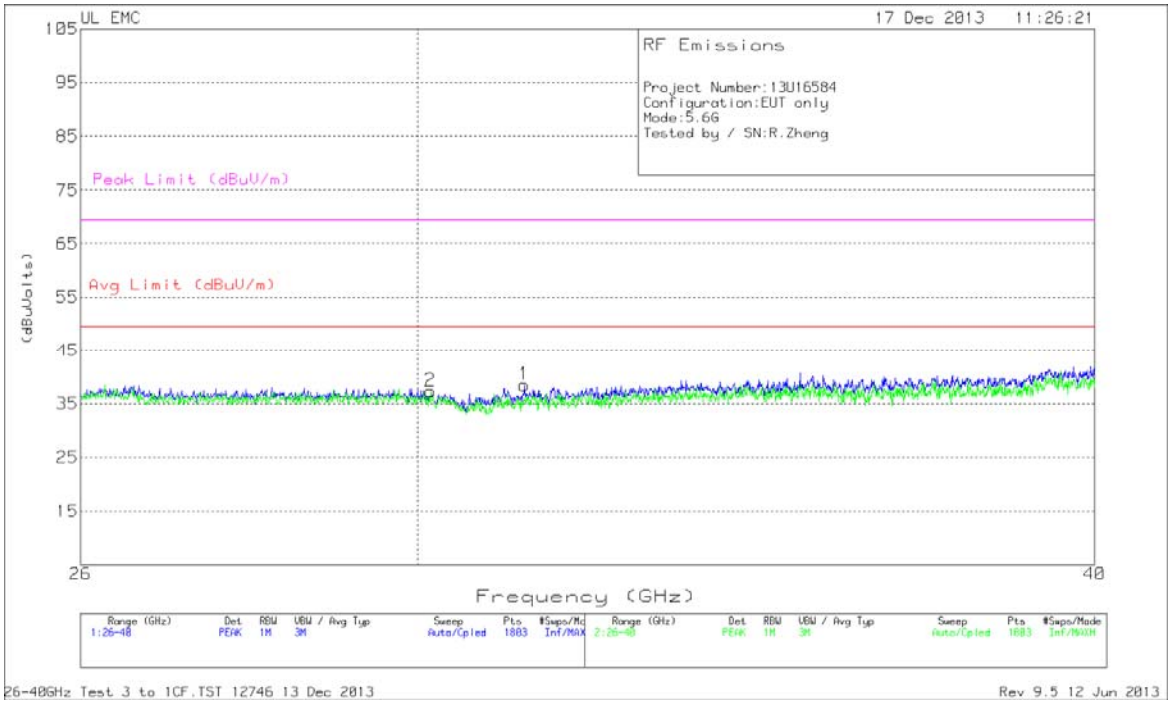
SPURIOUS EMISSIONS 26 TO 40 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)

5.6 GHz BAND



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T90 AF (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	31.392	47.70	PK	36.1	-35.8	-9.5	38.50	49.5	-11.00	69.5	-31.00
2	30.164	46.33	PK	35.9	-35.4	-9.5	37.33	49.5	-12.17	69.5	-32.17

PK - Peak detector

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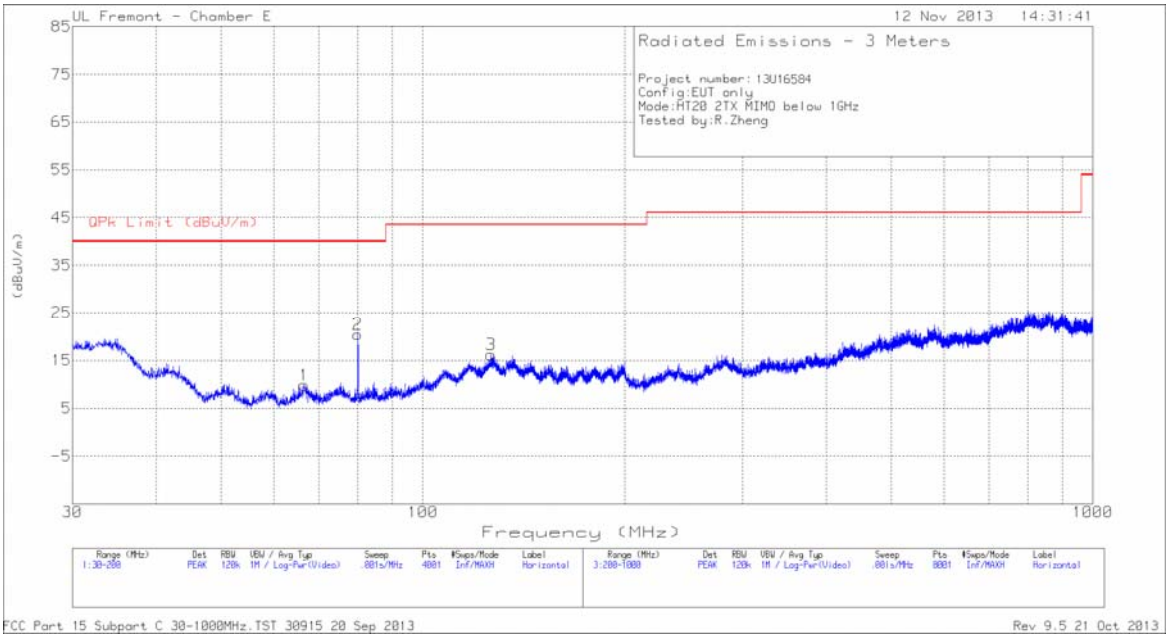
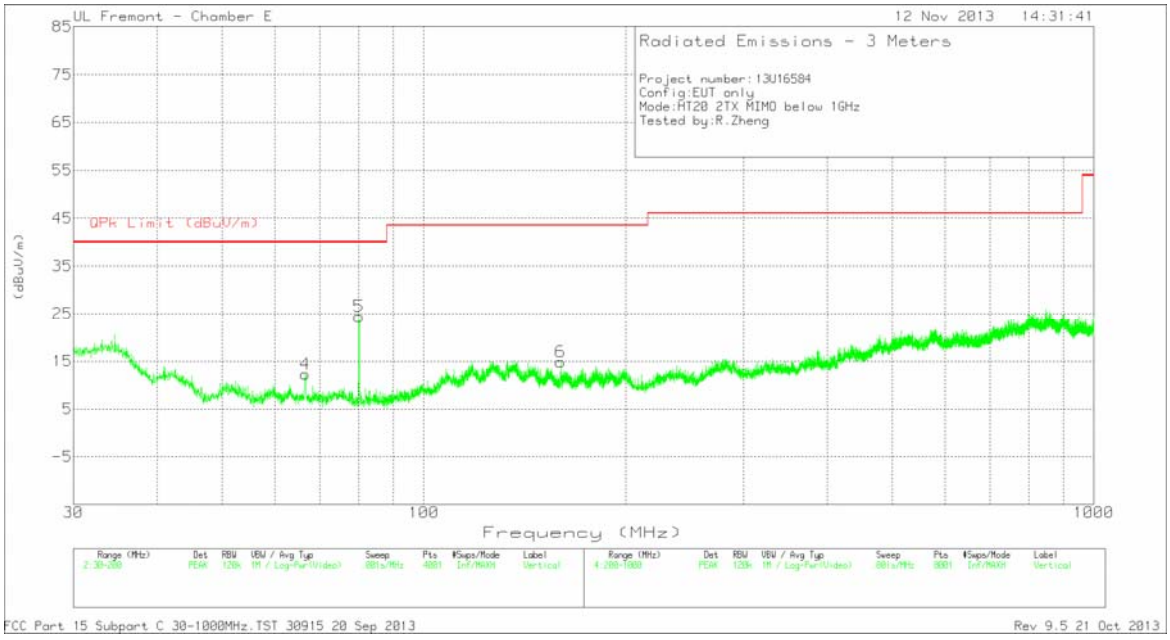
9.4. WORST-CASE BELOW 1 GHz

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

HORIZOTAL PLOT



VERTICAL PLOT



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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)	Azimuth (Degs)	Height (cm)	Polarity
1	66.5075	29.83	PK	8.1	-28.1	9.83	40.00	-30.17	0-360	300	H
2	79.9800	40.44	PK	7.7	-27.7	20.44	40.00	-19.56	0-360	400	H
3	126.3475	29.69	PK	13.8	-27.3	16.19	43.52	-27.33	0-360	98	H
4	66.5500	32.32	PK	8.1	-28.1	12.32	40.00	-27.68	0-360	100	V
5	80.0225	44.45	PK	7.7	-27.7	24.45	40.00	-15.55	0-360	100	V
6	160.0075	30.47	PK	12.1	-27.7	14.87	43.52	-28.65	0-360	100	V

PK - Peak detector

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10. AC POWER LINE CONDUCTED EMISSIONS

Refer to the FCC DTS report with the FCC ID BCGA1475 and project number 13U15555-8 at Section 10

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