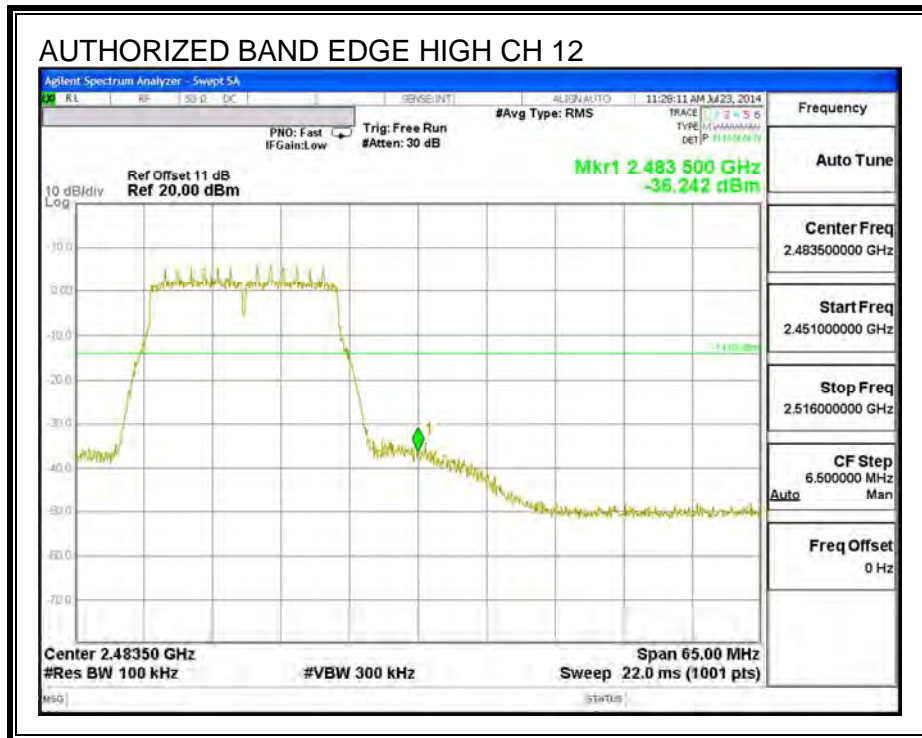
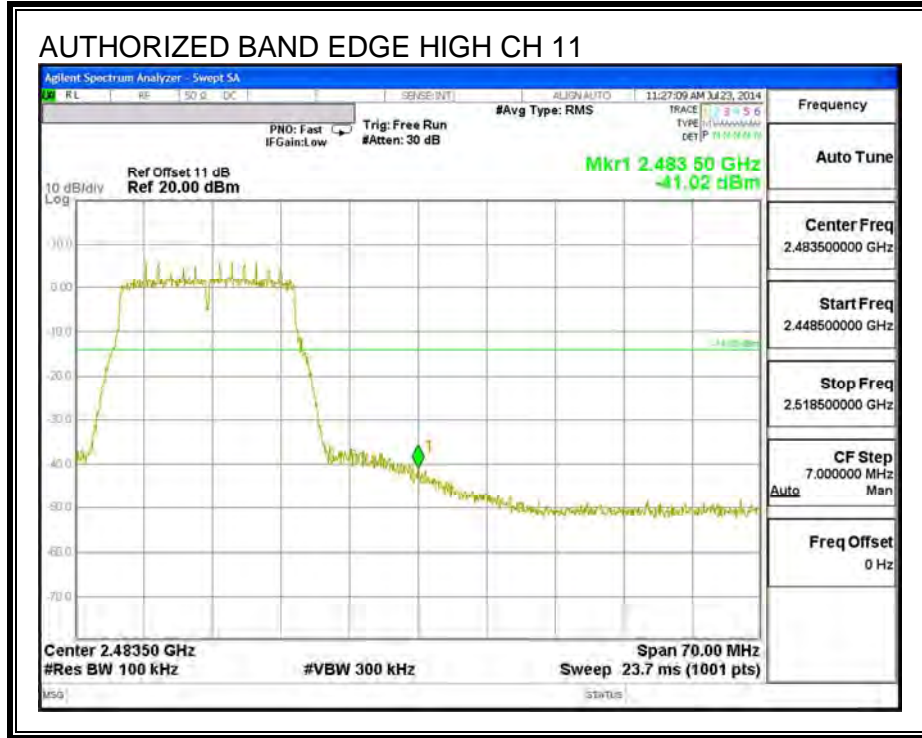
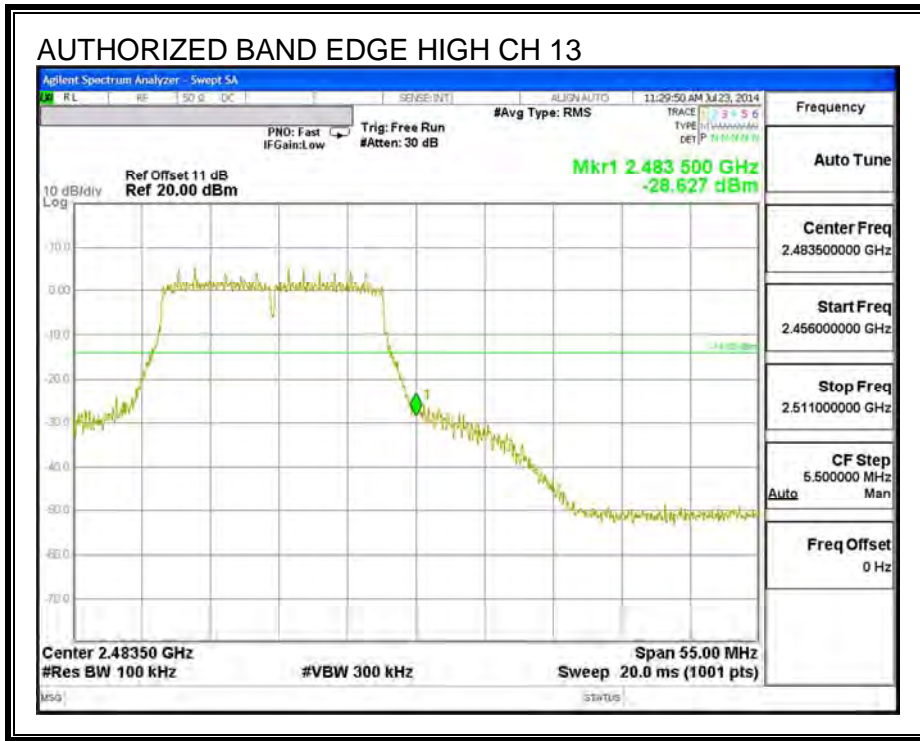
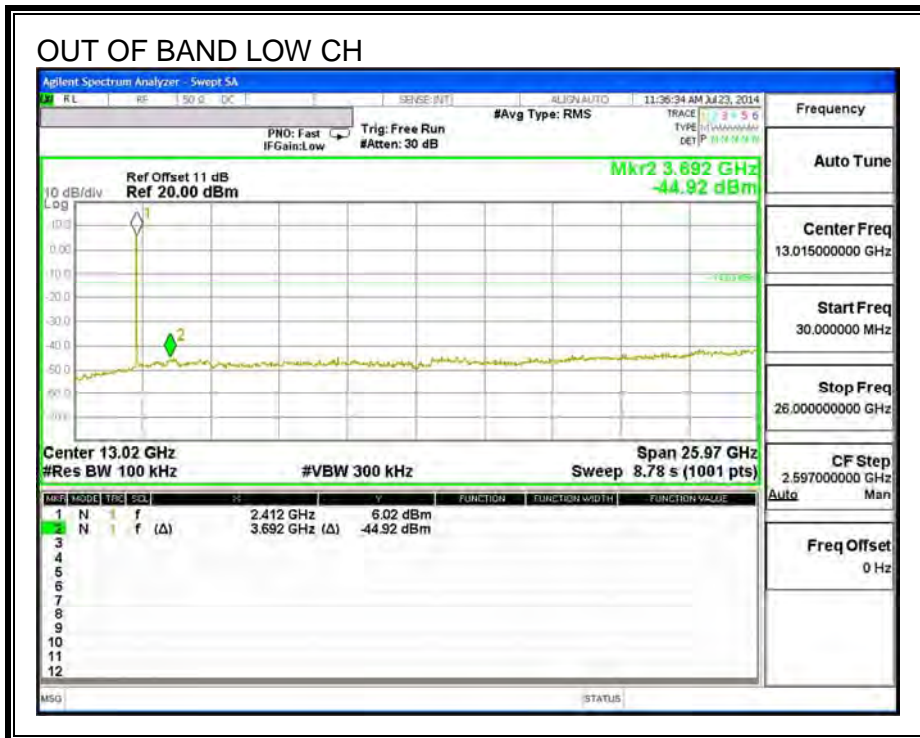


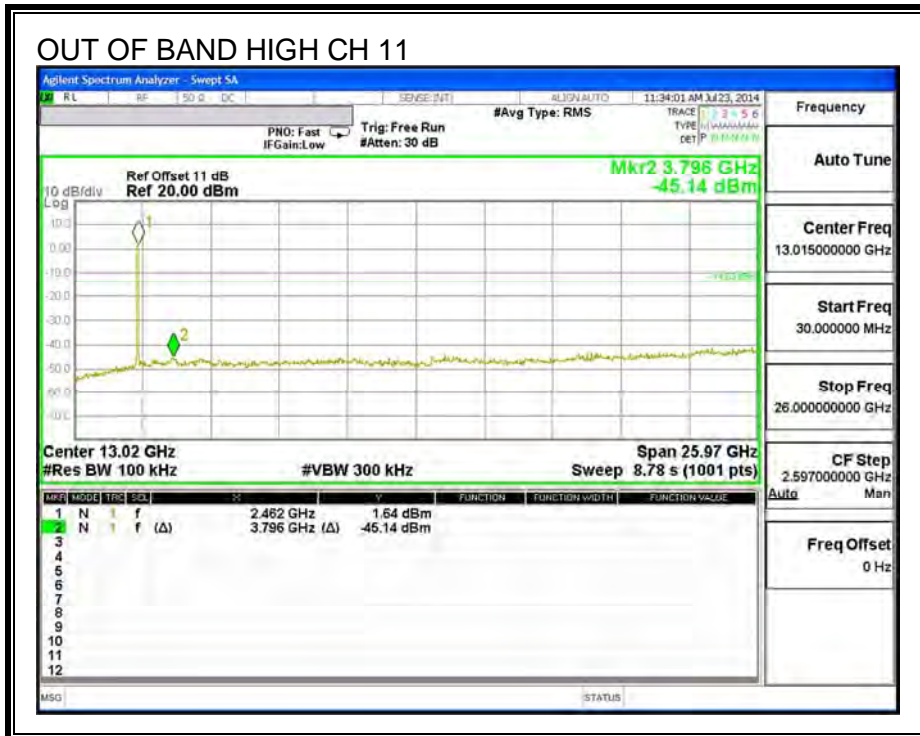
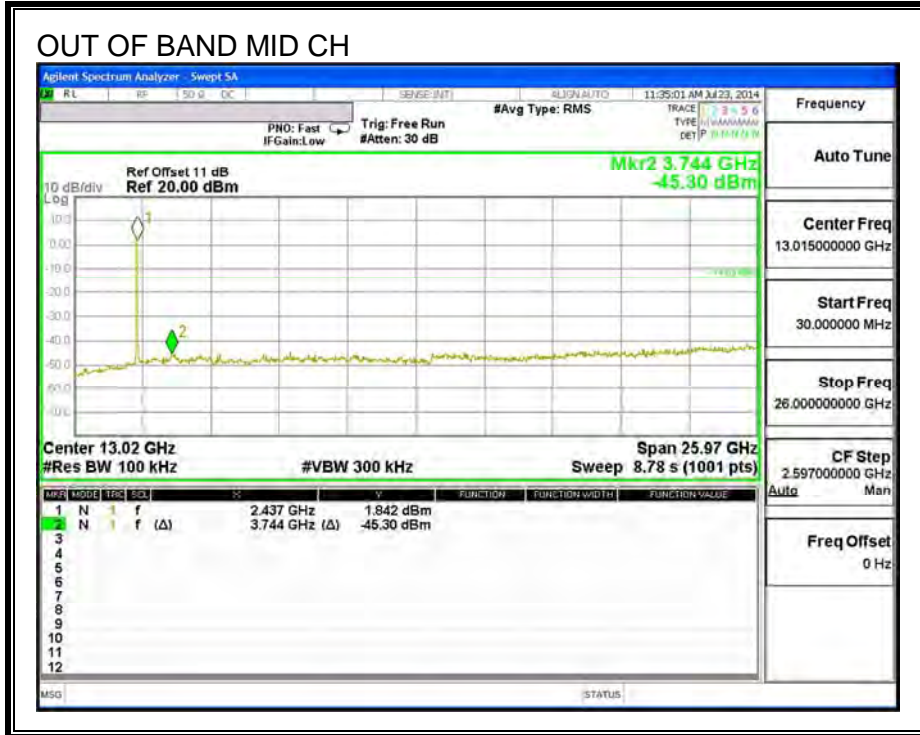
HIGH CHANNEL BANDEDGE

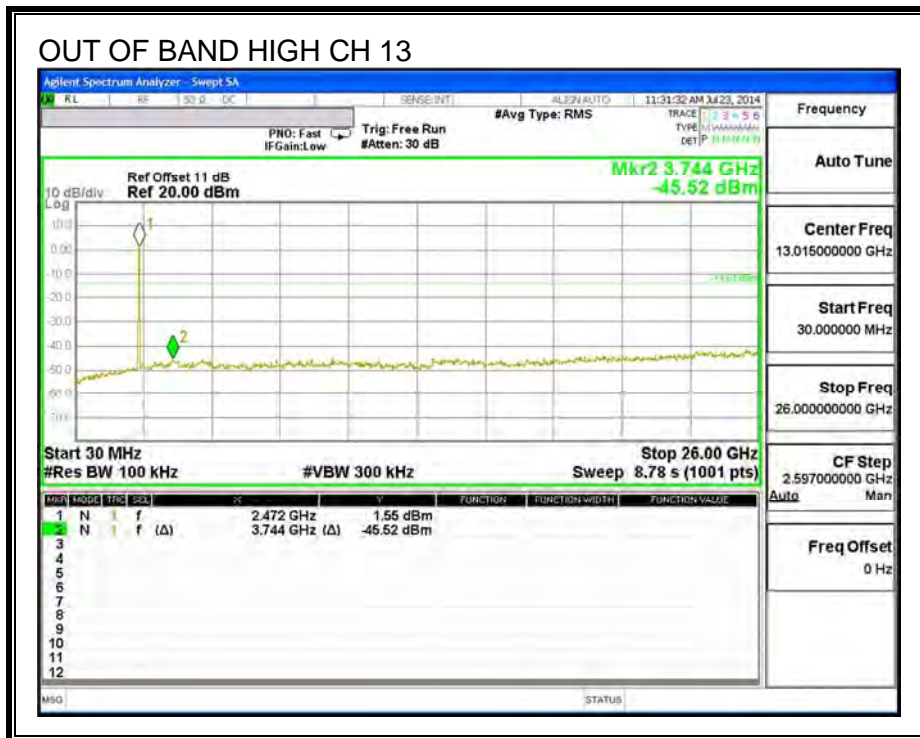
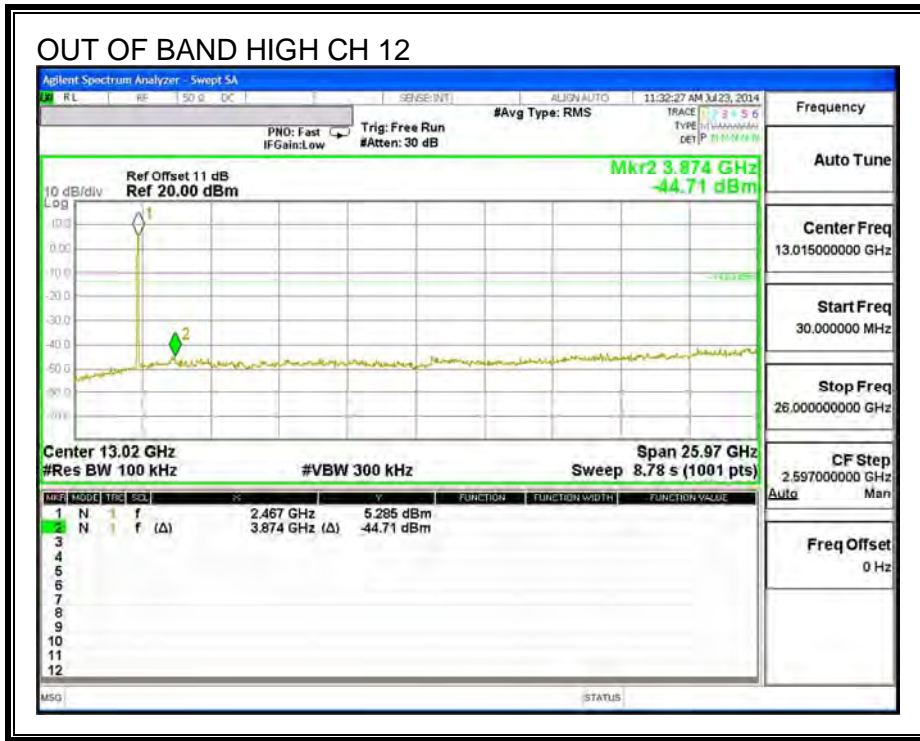




OUT-OF-BAND EMISSIONS

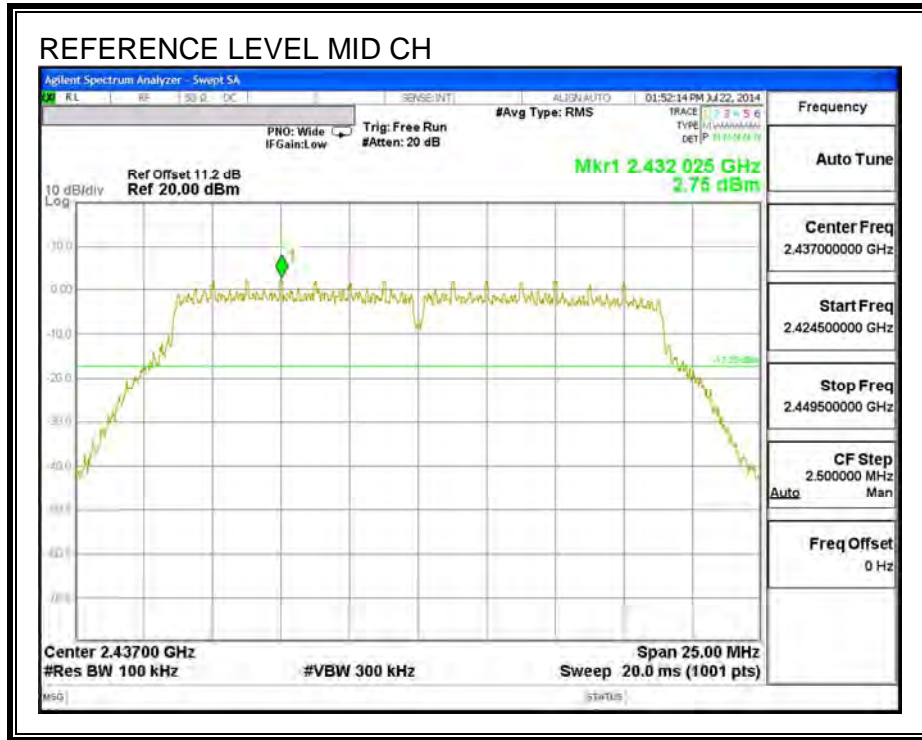




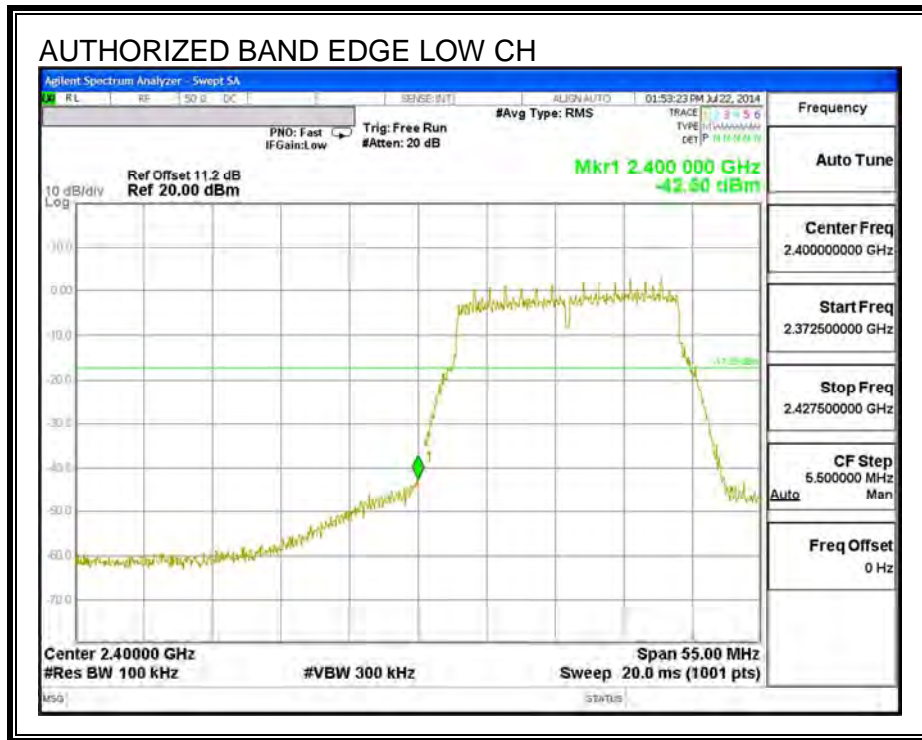


ANTENNA A RESULTS

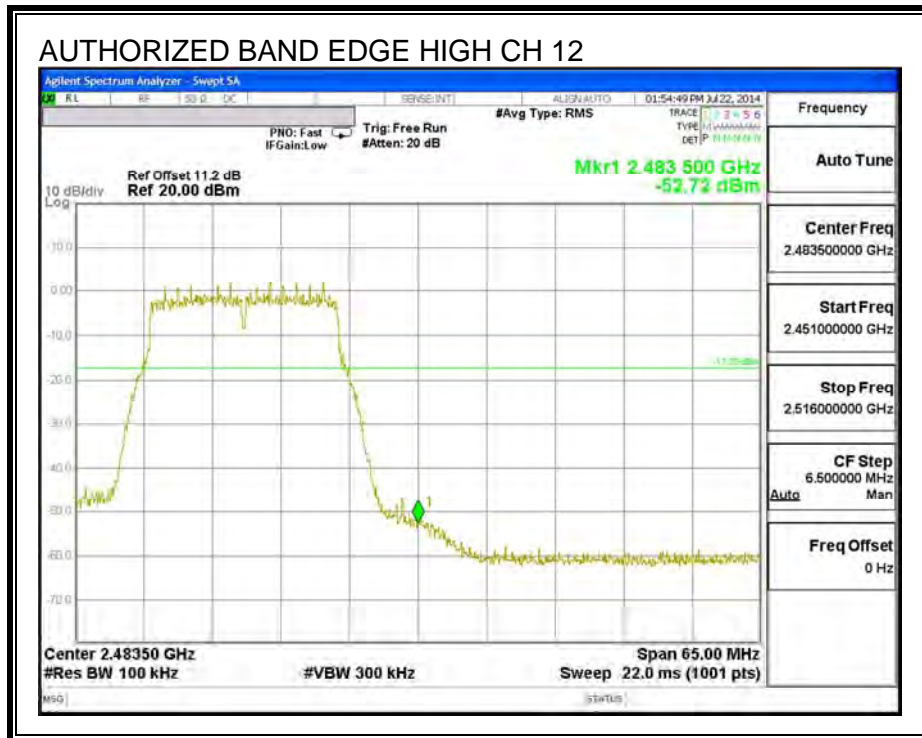
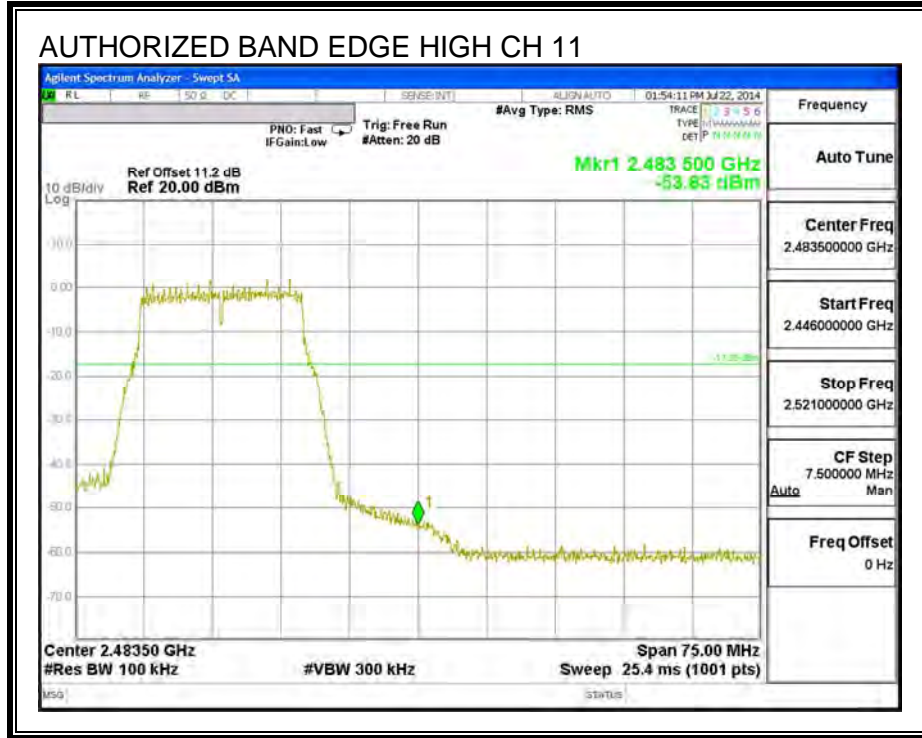
IN-BAND REFERENCE LEVEL

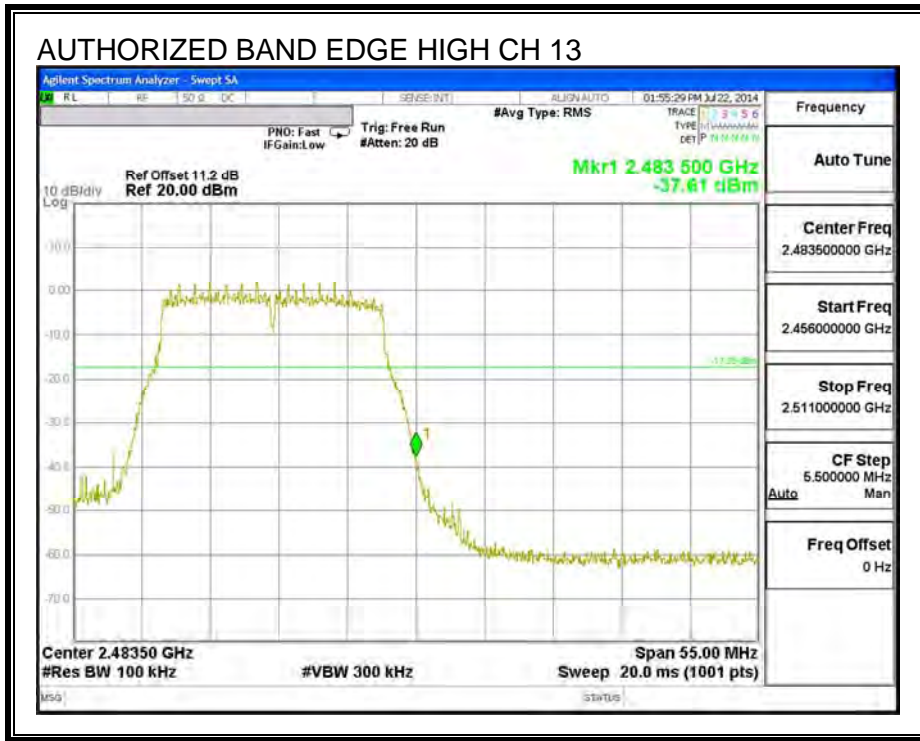


LOW CHANNEL BANDEDGE

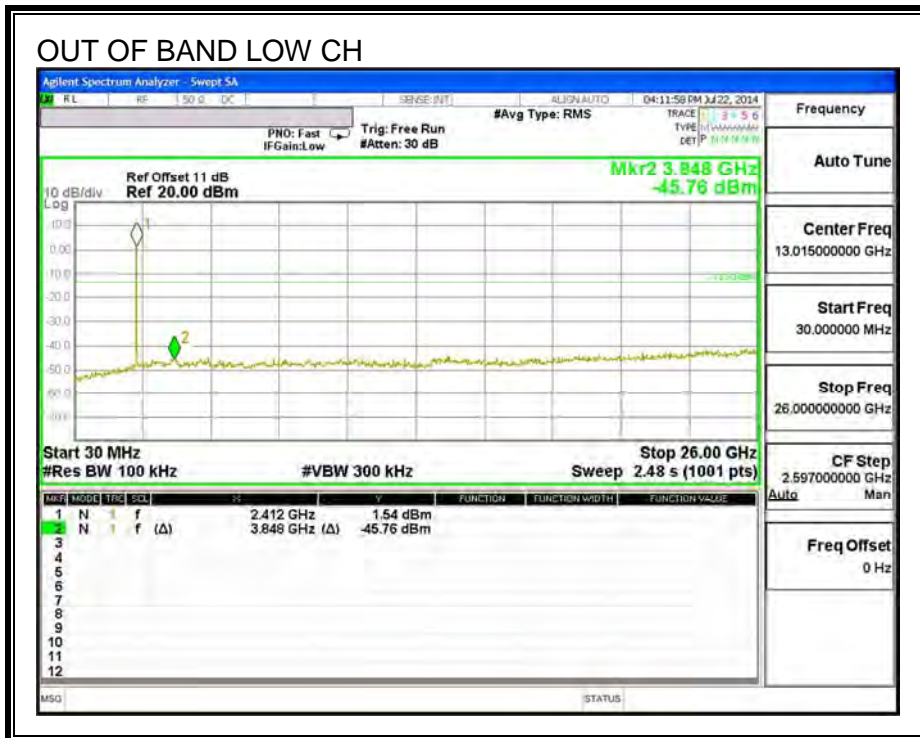


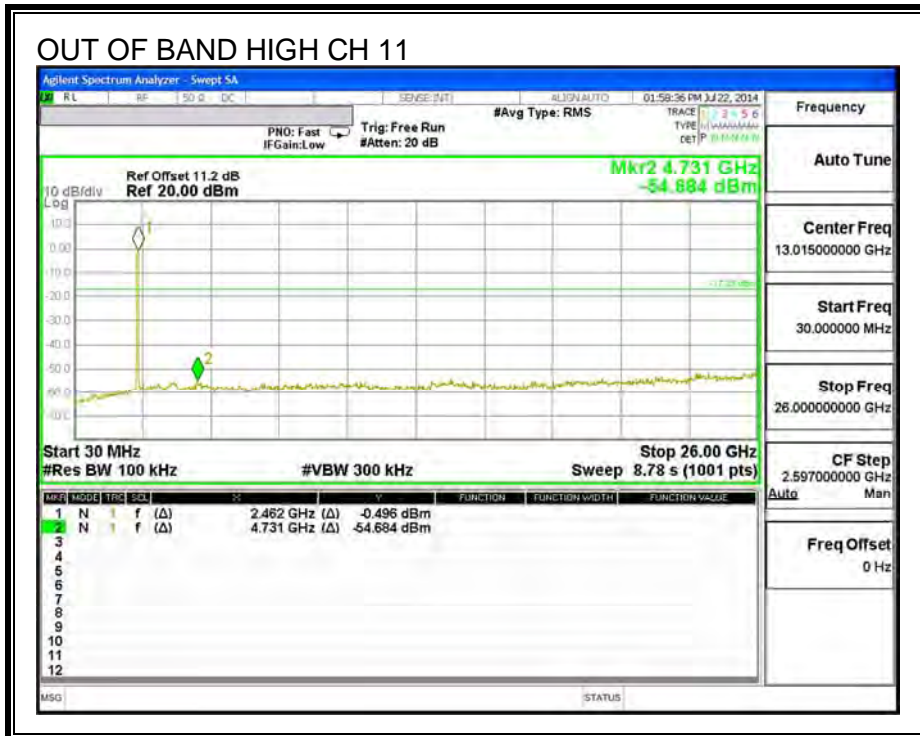
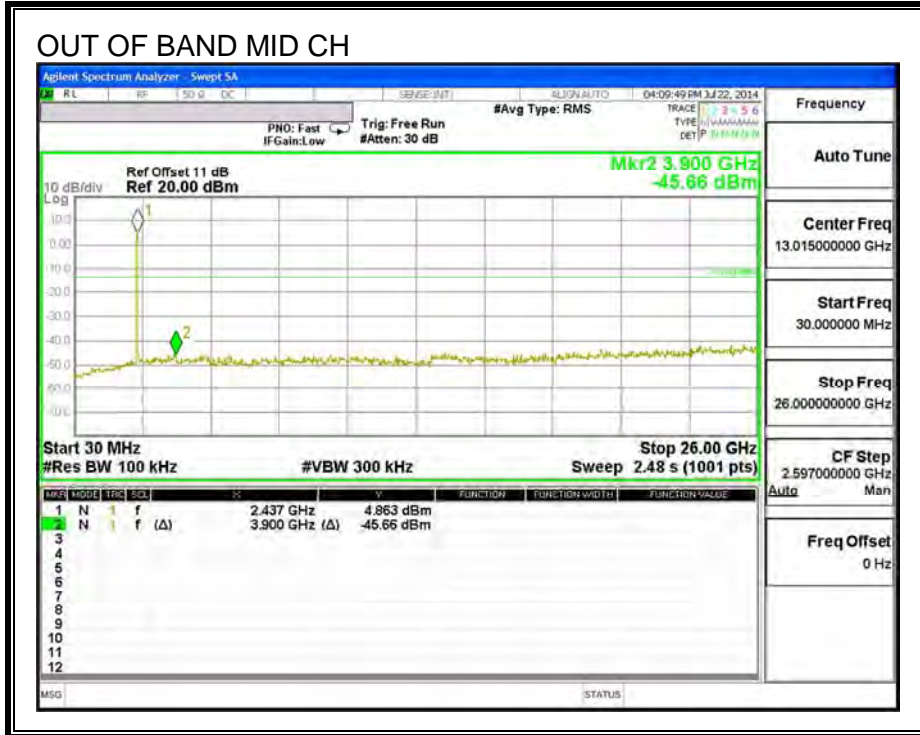
HIGH CHANNEL BANDEDGE

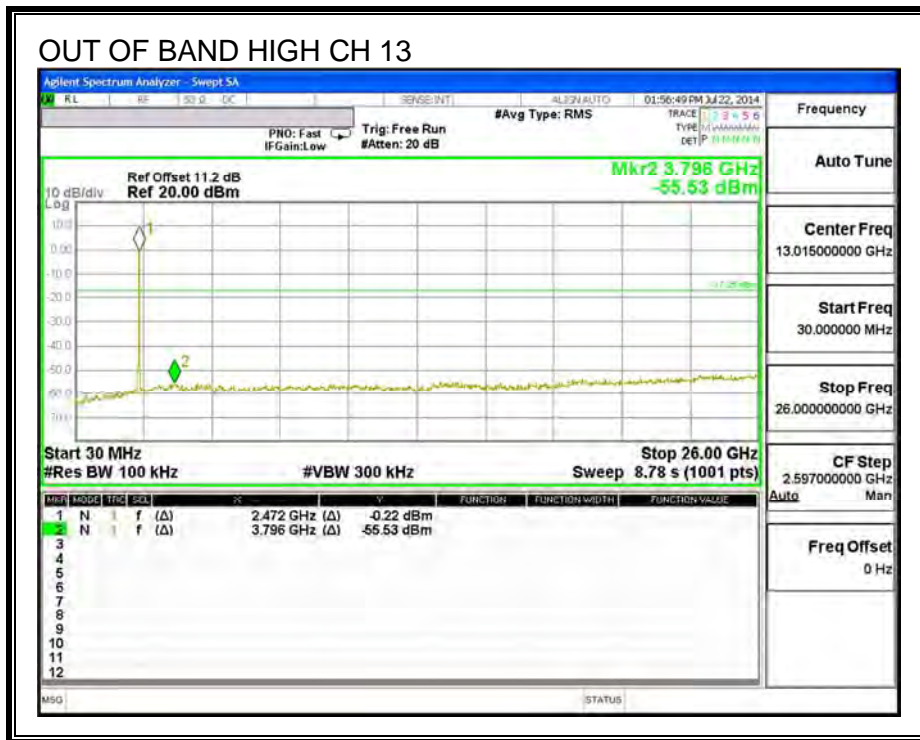
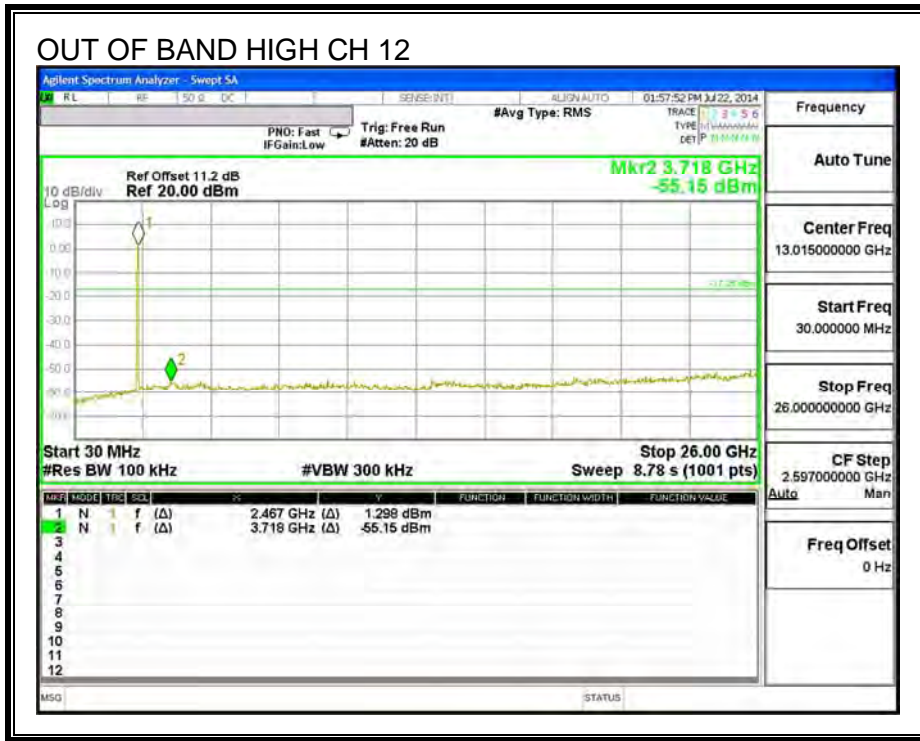




OUT-OF-BAND EMISSIONS







9.4. 802.11n HT20 2Tx (ANTENNA A & ANTENNA B) MIMO MODE IN THE 2.4 GHz BAND

9.4.1. 6 dB BANDWIDTH

LIMITS

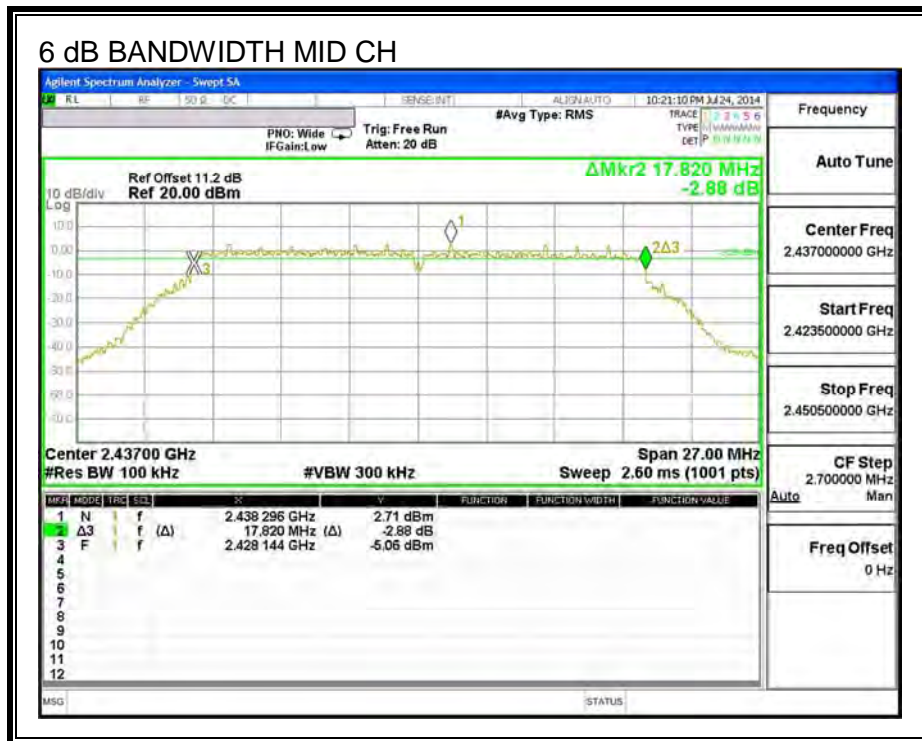
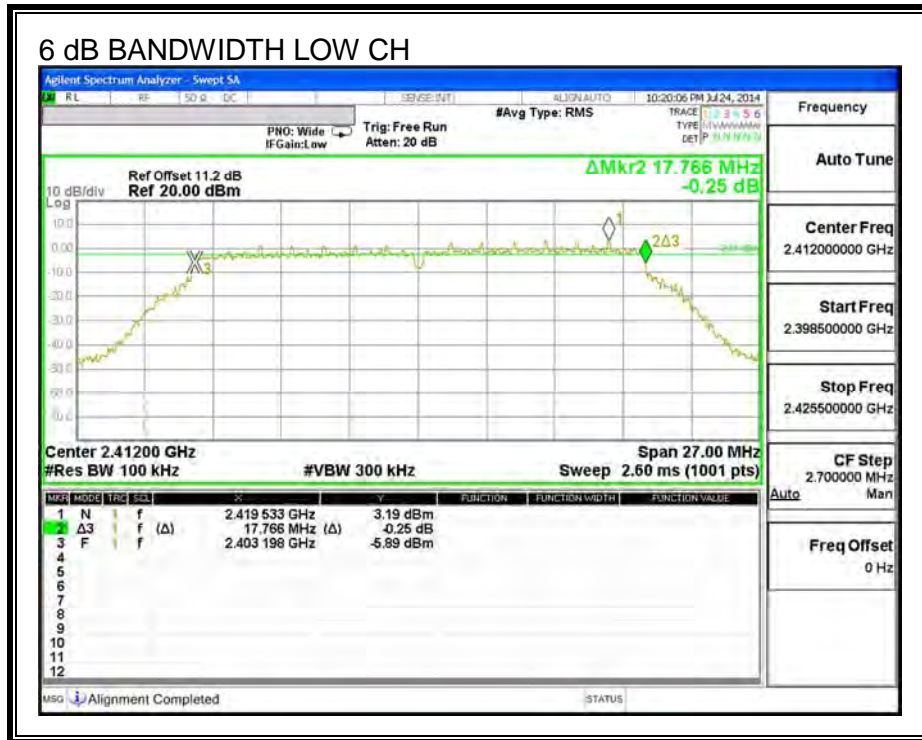
FCC §15.247 (a) (2)

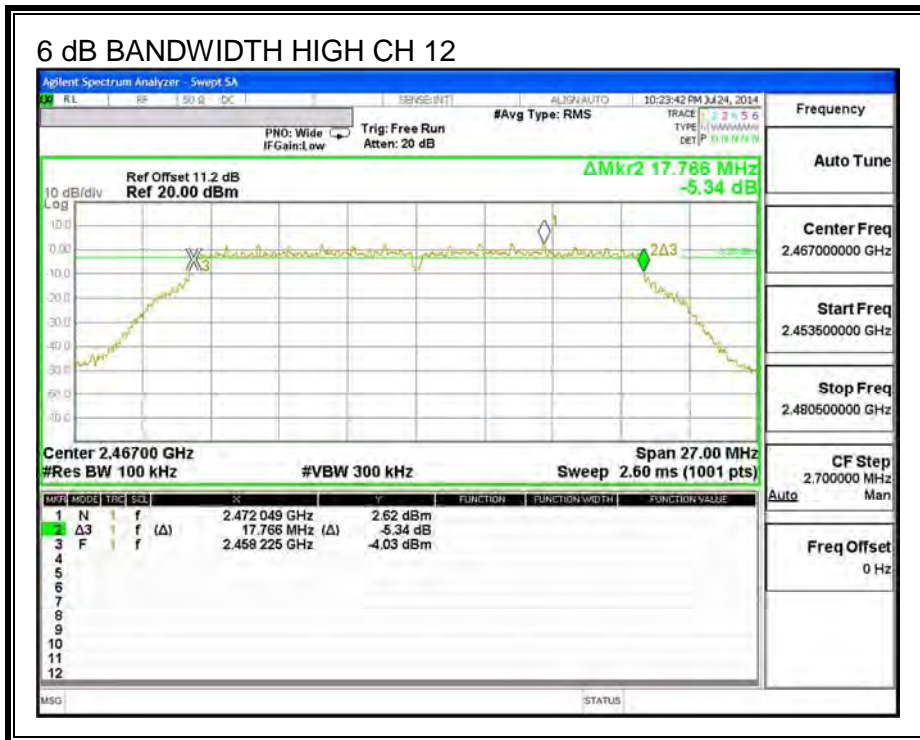
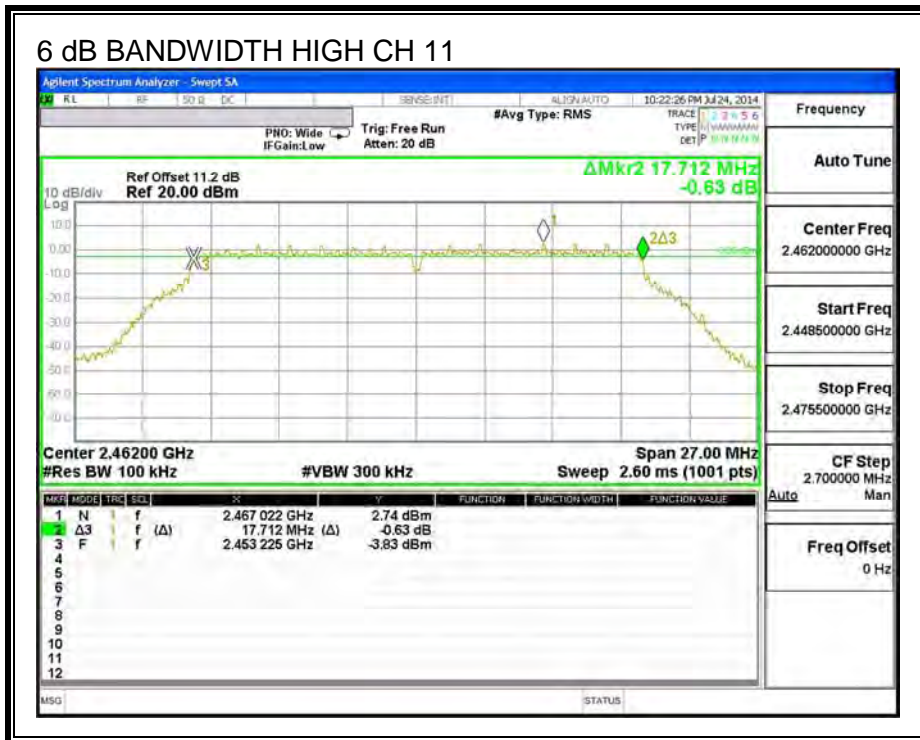
The minimum 6 dB bandwidth shall be at least 500 kHz.

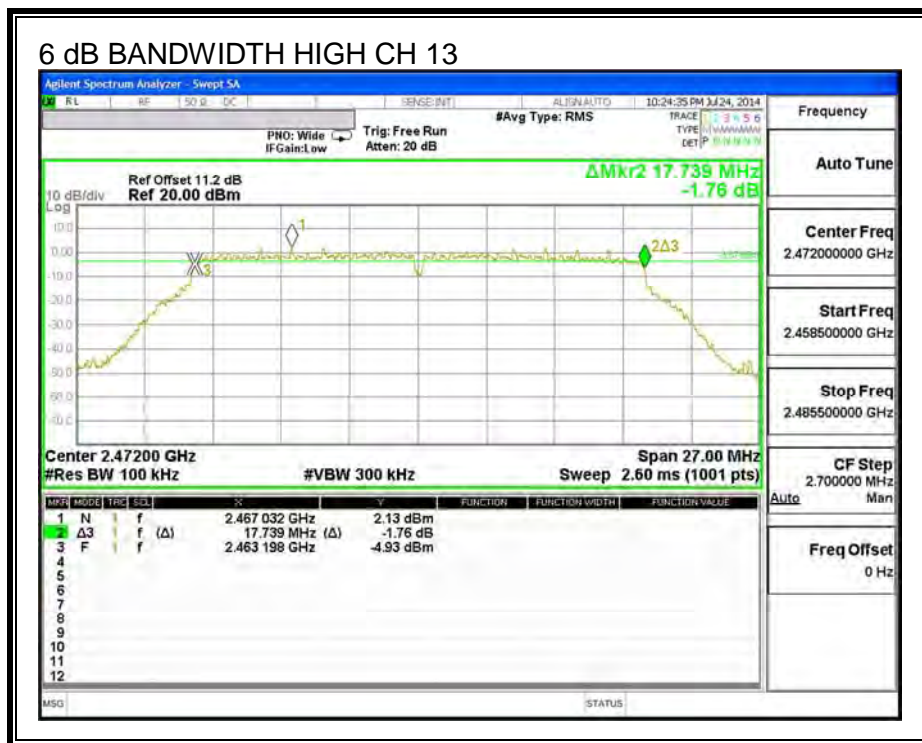
RESULTS

Channel	Frequency (MHz)	6 dB Bandwidth Antenna A (MHz)	6 dB Bandwidth Antenna B (MHz)	Minimum Limit (MHz)
Low	2412	17.766	17.685	0.5
Mid	2437	17.820	17.658	0.5
High	2462	17.712	17.550	0.5
High	2467	17.766	17.712	0.5
High	2472	17.739	17.712	0.5

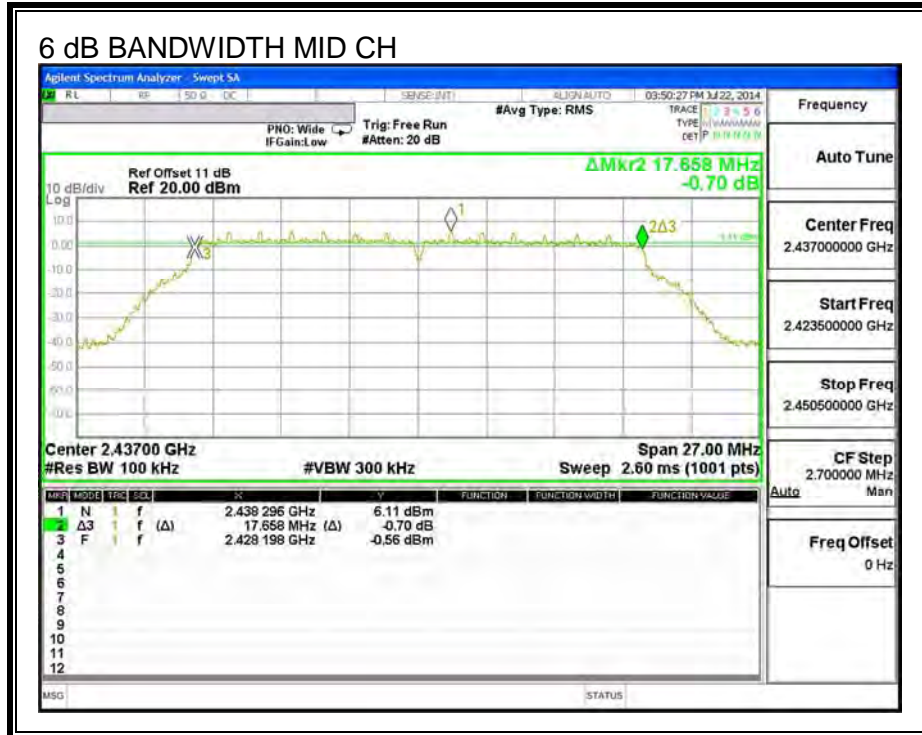
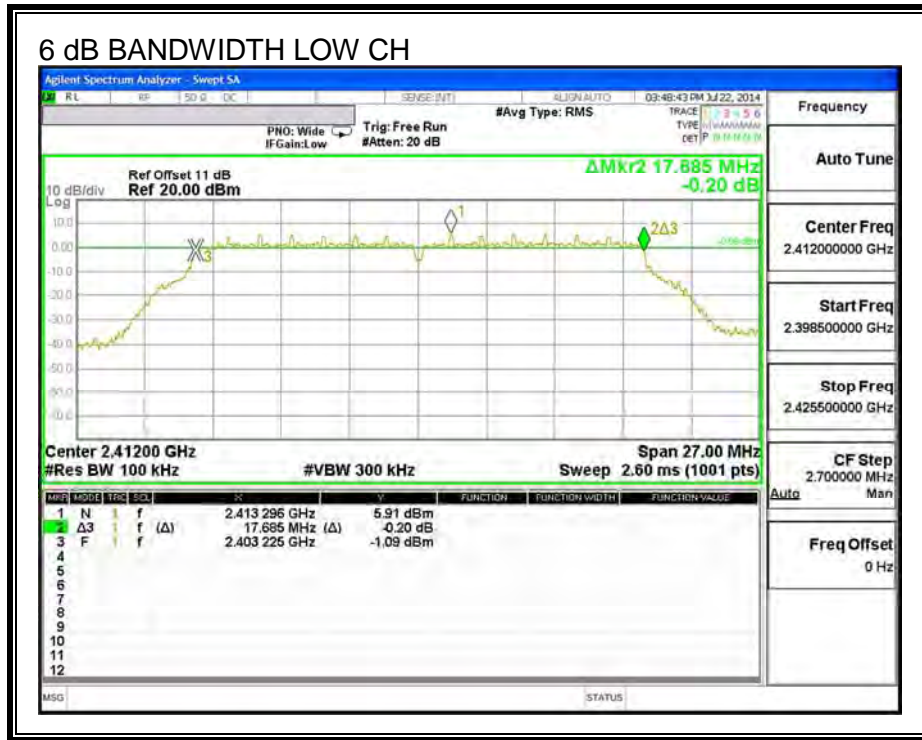
ANTENNA A 6 dB BANDWIDTH

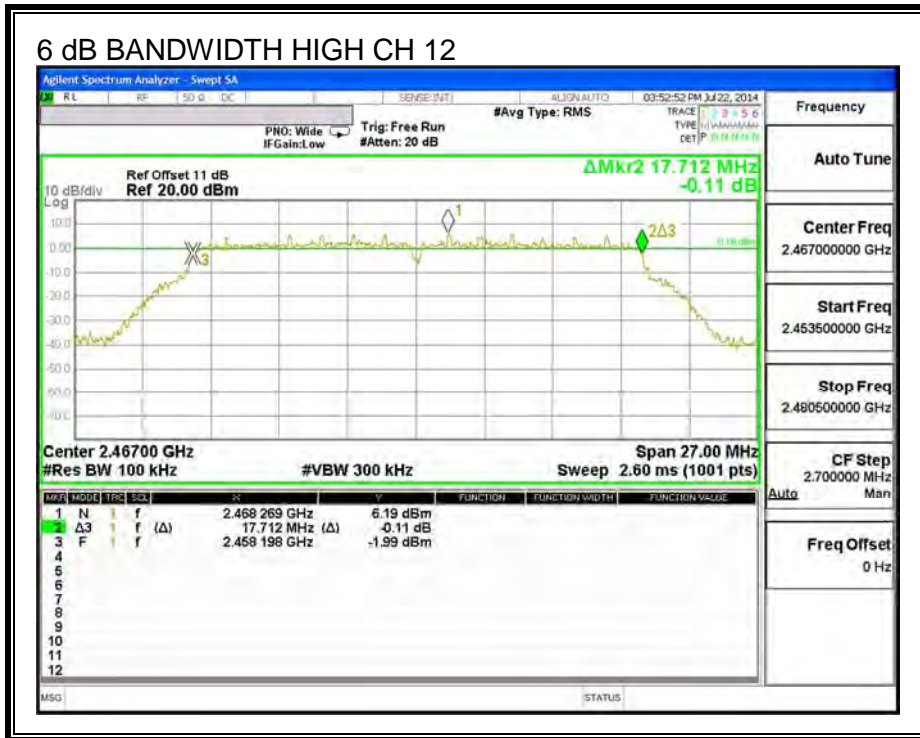
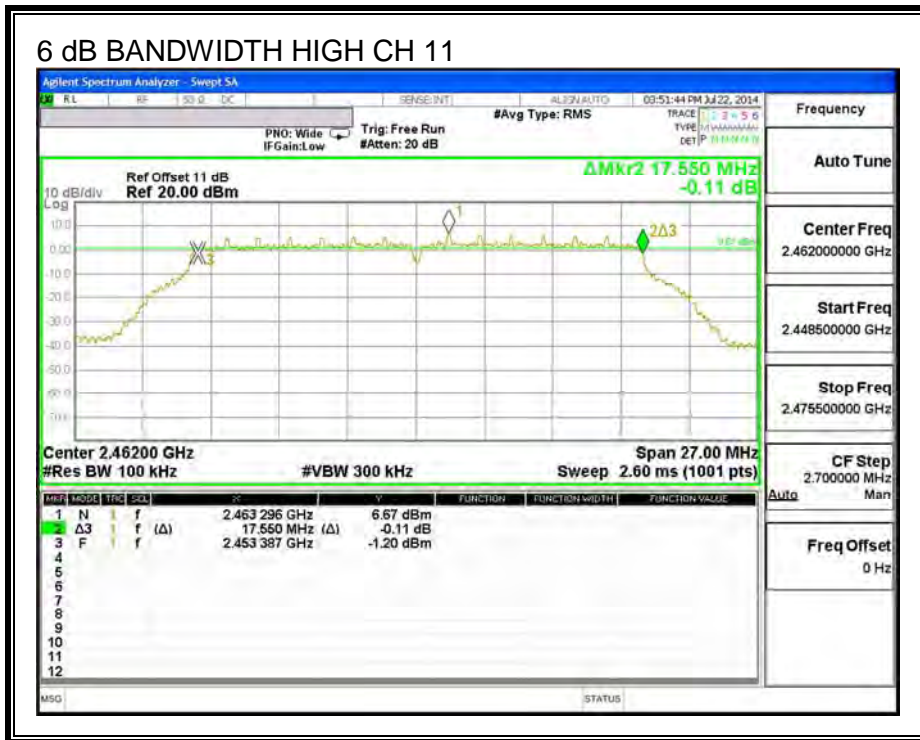


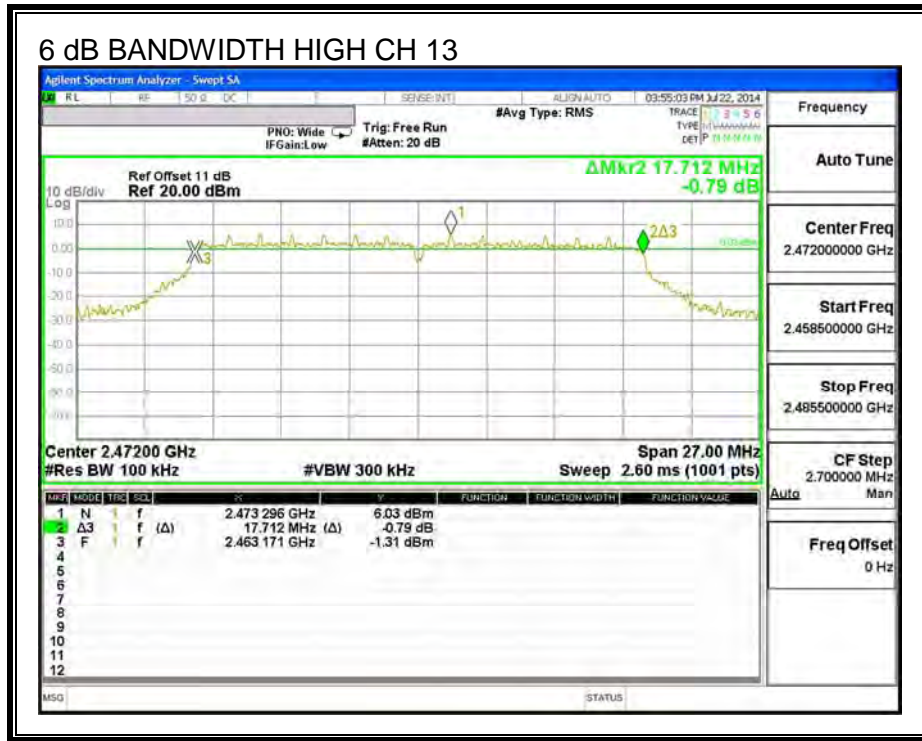




ANTENNA B 6 dB BANDWIDTH







9.4.2. 99% BANDWIDTH

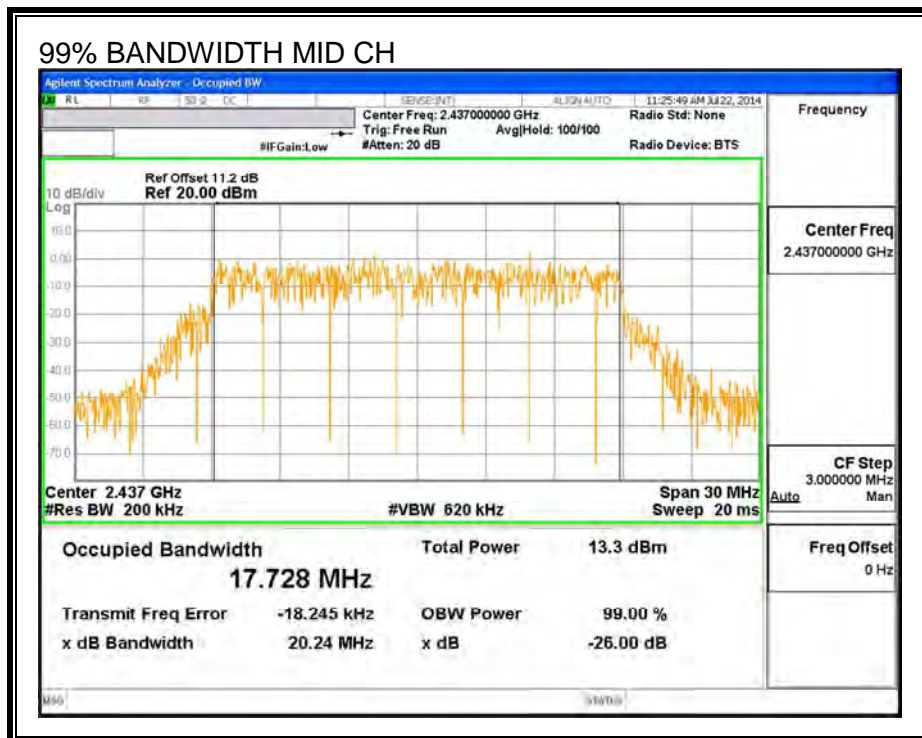
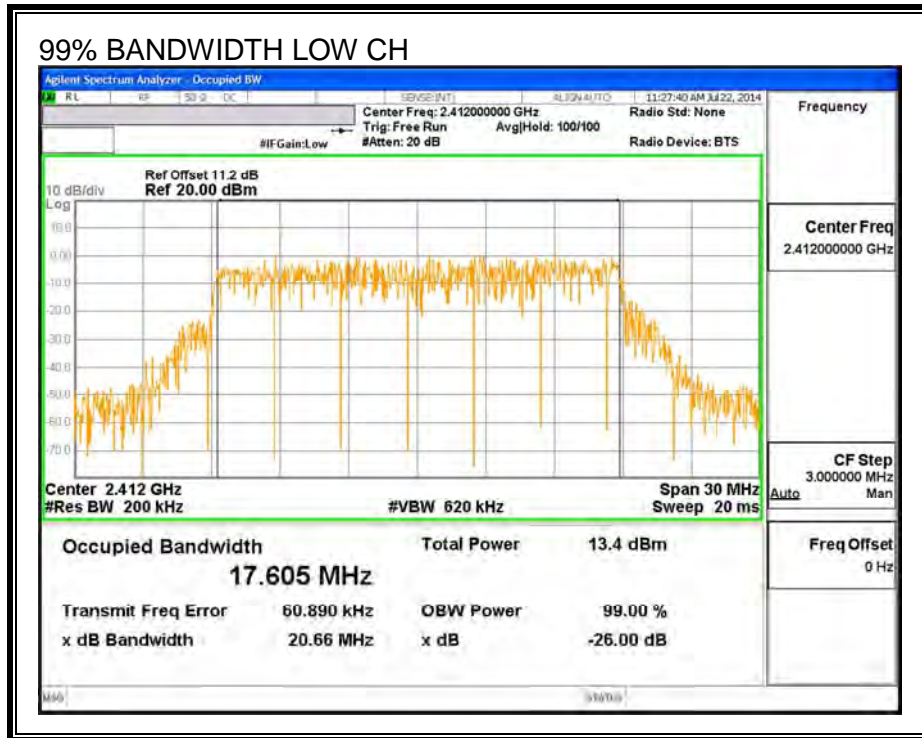
LIMITS

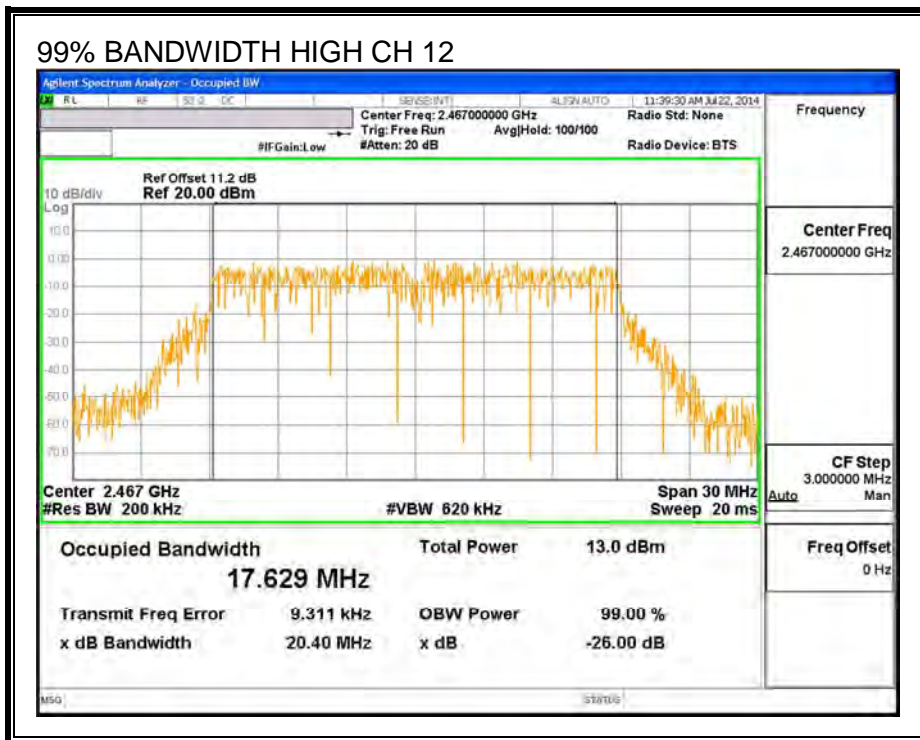
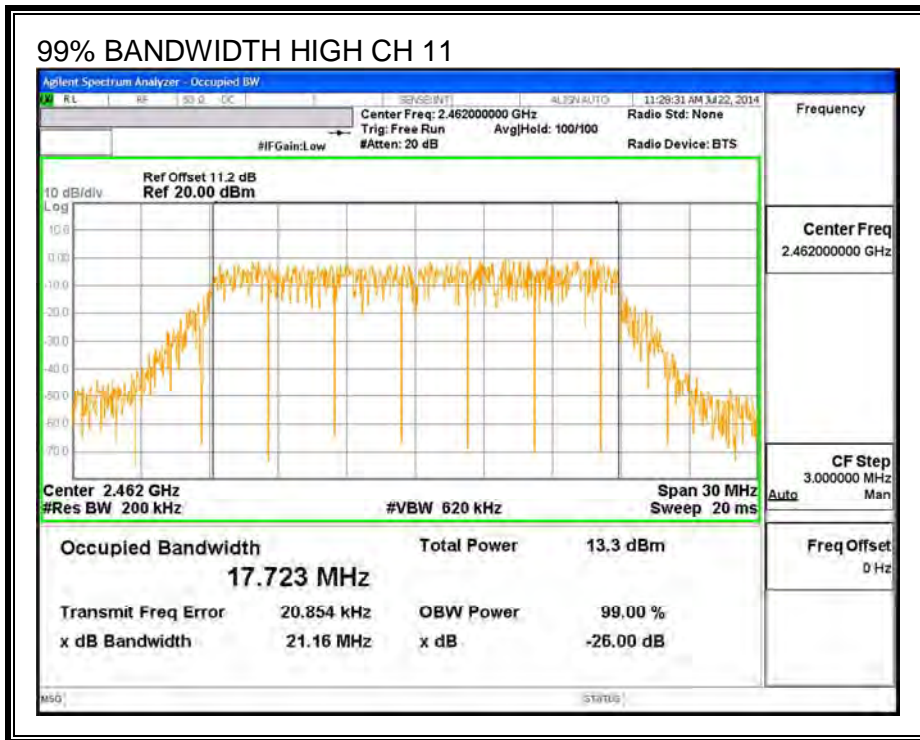
None; for reporting purposes only.

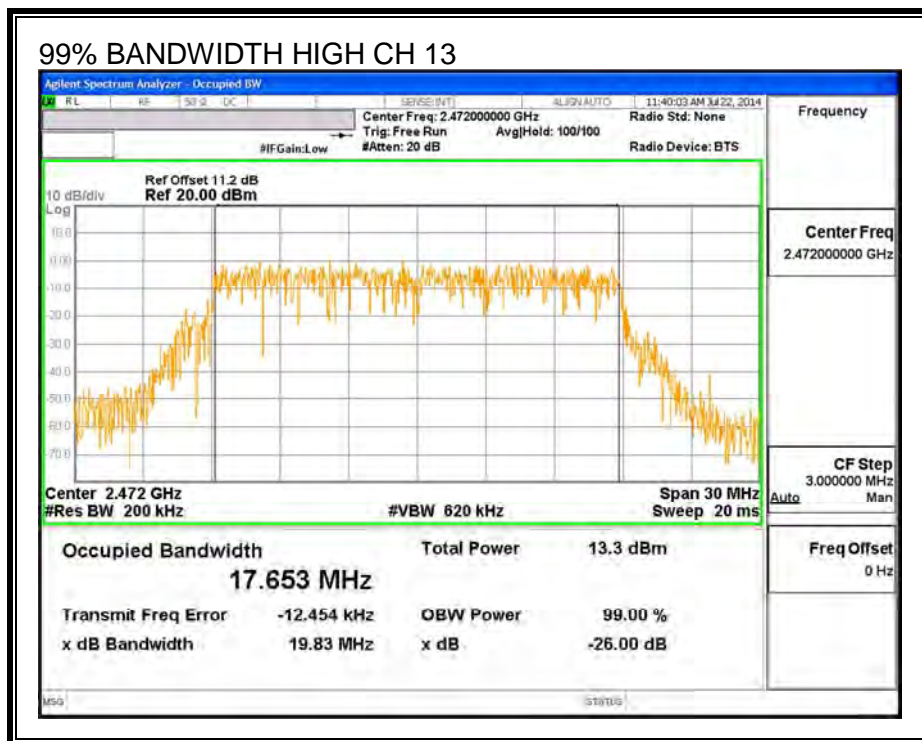
RESULTS

Channel	Frequency (MHz)	99% Bandwidth Antenna A (MHz)	99% Bandwidth Antenna B (MHz)
Low	2412	17.605	17.663
Mid	2437	17.728	17.748
High	2462	17.723	17.664
High	2467	17.629	17.656
High	2472	17.653	17.710

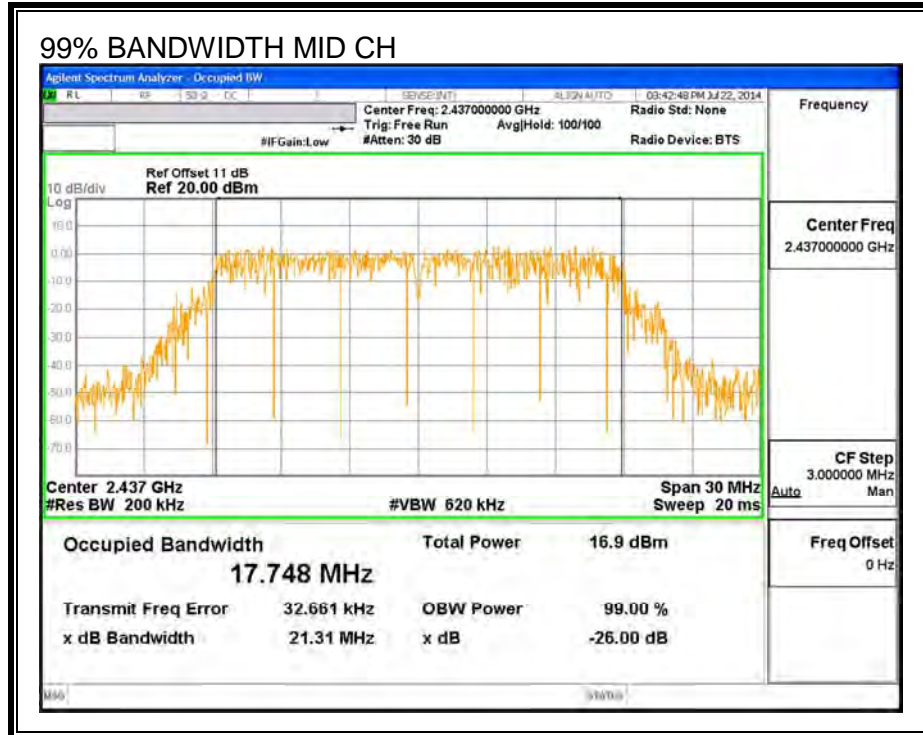
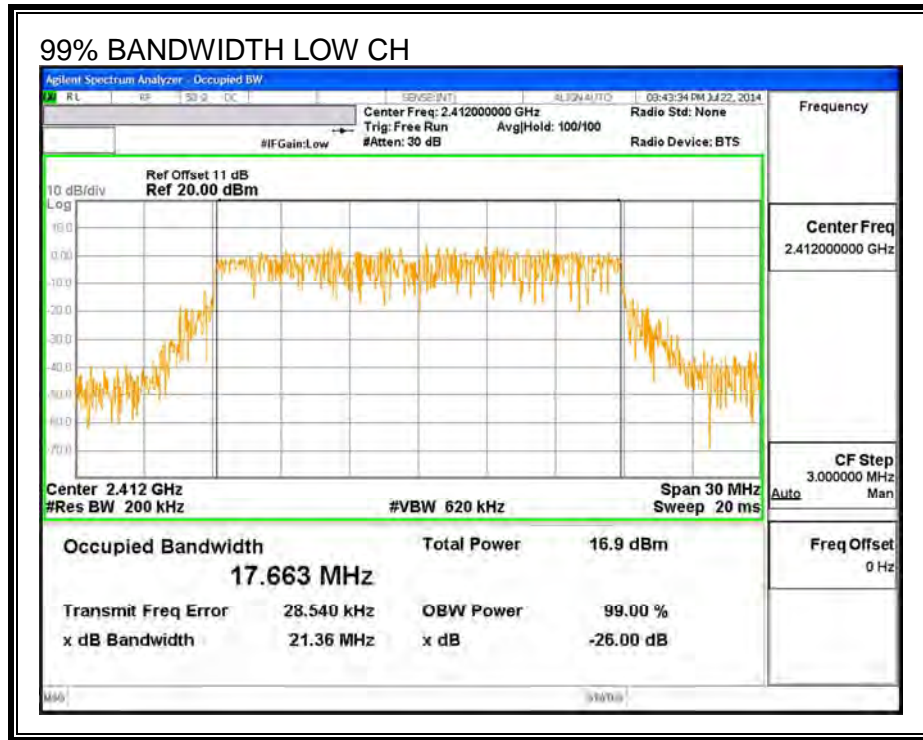
ANTENNA A 99% BANDWIDTH

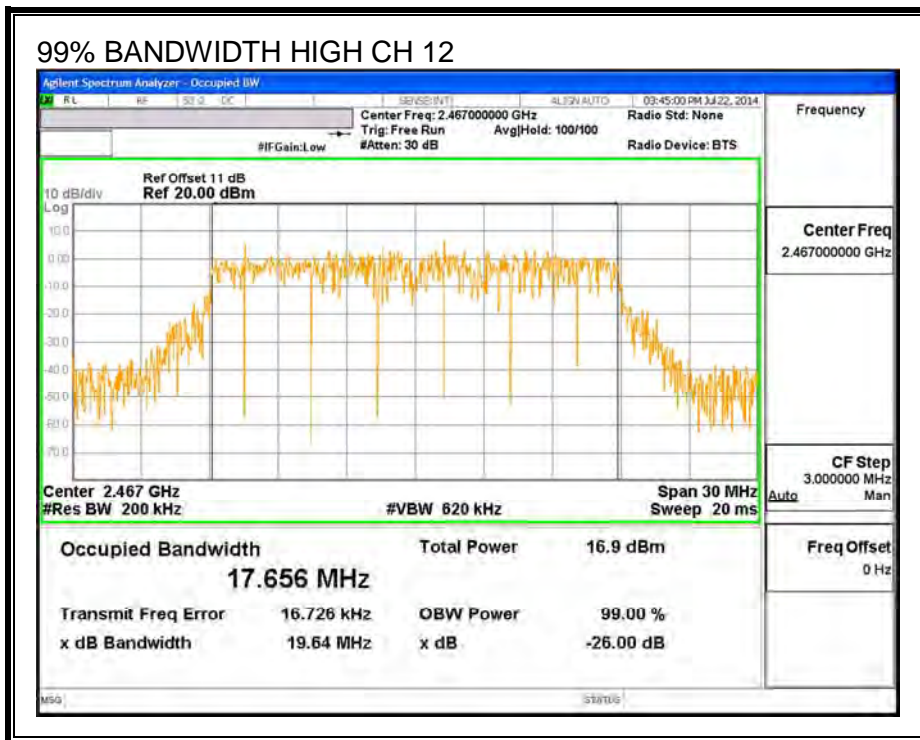
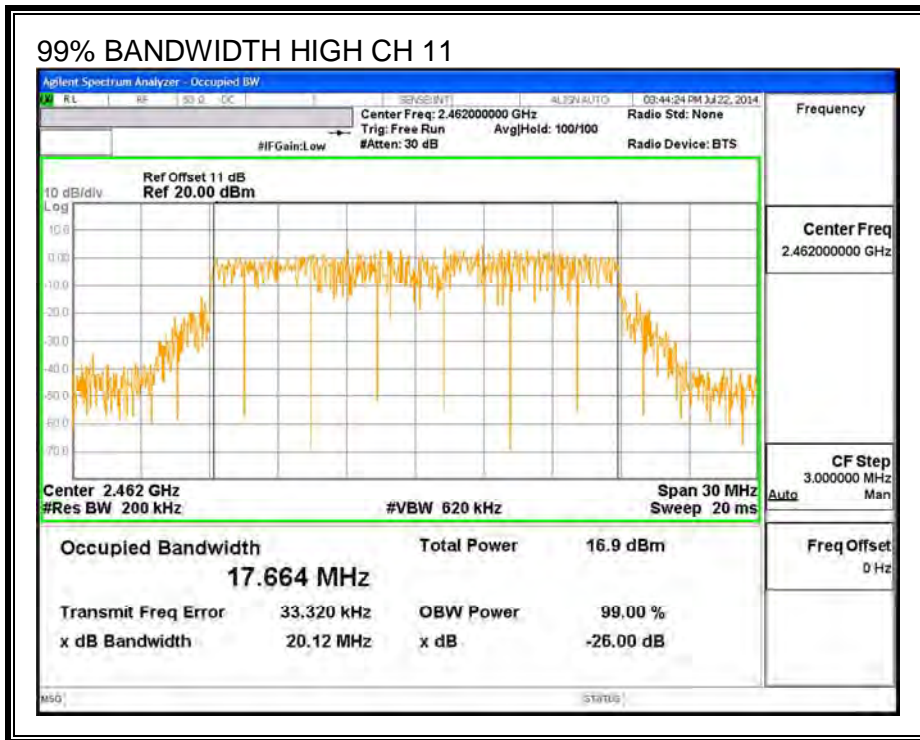


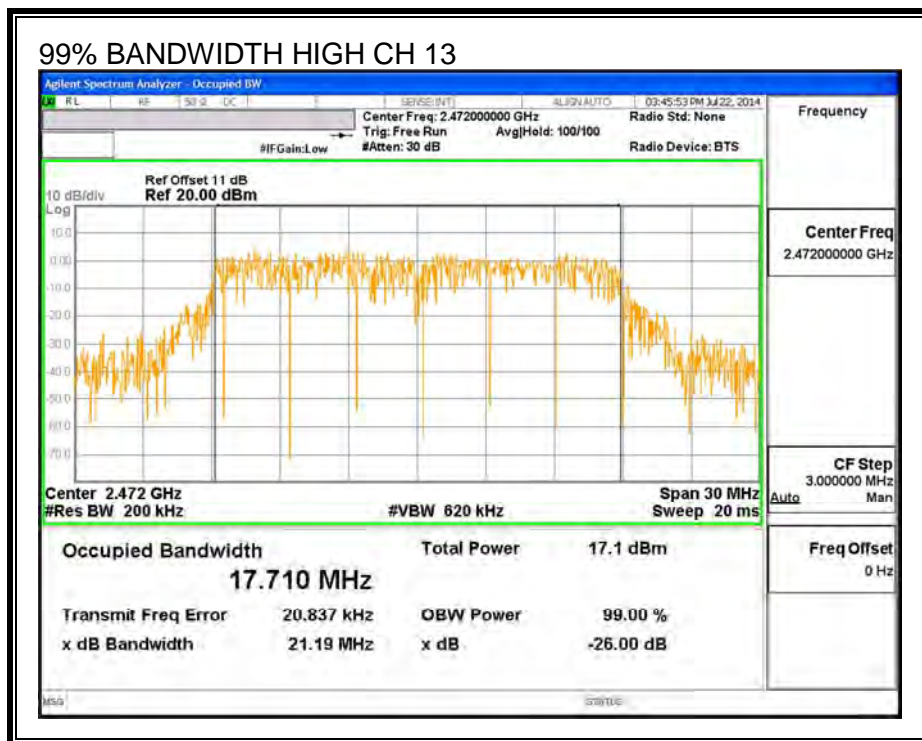




ANTENNA B 99% BANDWIDTH







9.4.3. AVERAGE POWER

LIMITS

None; for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	Power	
		Antenna A (dBm)	Antenna B (dBm)
Low	2412	12.91	17.98
Mid	2437	12.96	17.90
High	2462	12.91	12.99
High	2467	9.45	9.45
High	2472	2.98	2.93

9.4.4. OUTPUT POWER

LIMITS

FCC §15.247

For systems using digital modulation in the 2400–2483.5 MHz bands: 1 Watt, based on the use of antennas with directional gains that do not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

DIRECTIONAL ANTENNA GAIN

The TX chains are uncorrelated and the antenna gain is unequal among the chains. The directional gain is:

Antenna A Antenna Gain (dBi)	Antenna B Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
2.01	-7.72	-0.57

RESULTS

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low	2412	-0.57	30.00	30	36	30.00
Mid	2437	-0.57	30.00	30	36	30.00
High	2462	-0.57	30.00	30	36	30.00
High	2467	-0.57	30.00	30	36	30.00
High	2472	-0.57	30.00	30	36	30.00

Results

Channel	Frequency (MHz)	Antenna A Meas Power (dBm)	Antenna B Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low	2412	20.75	23.90	25.62	30.00	-4.38
Mid	2437	21.12	24.38	26.06	30.00	-3.94
High	2462	20.70	20.66	23.69	30.00	-6.31
High	2467	16.77	17.11	19.95	30.00	-10.05
High	2472	14.98	17.79	19.61	30.00	-10.39

9.4.5. PSD

LIMITS

FCC §15.247 (e)

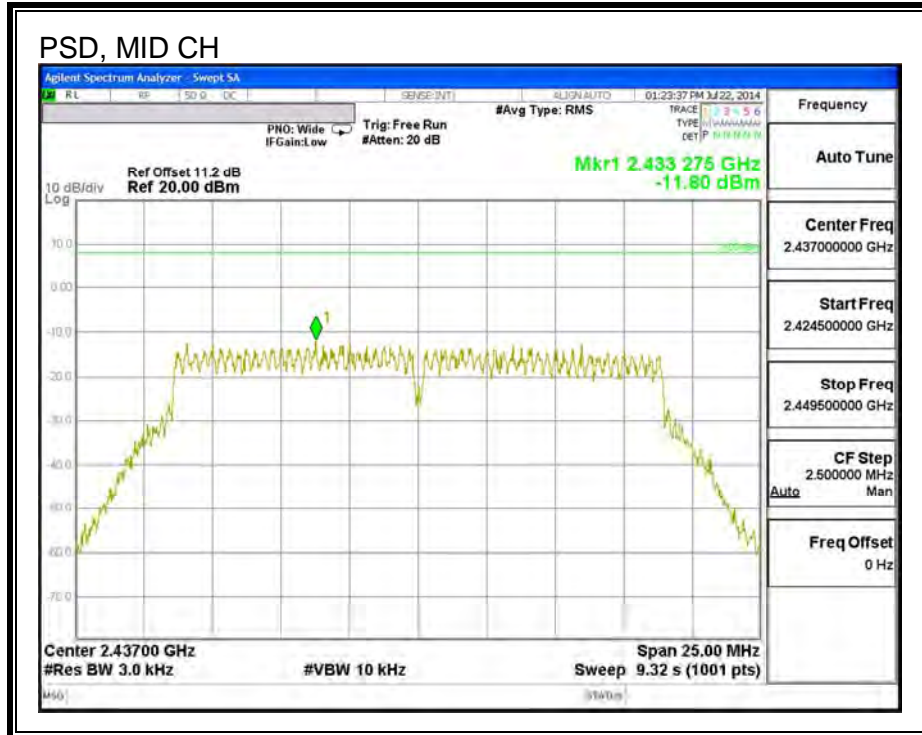
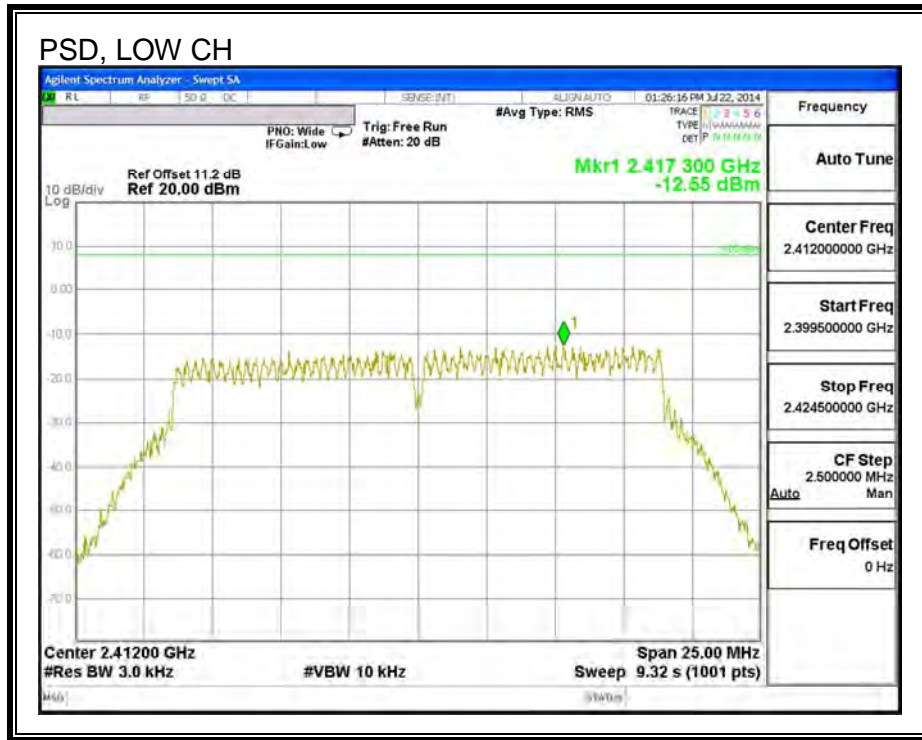
For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

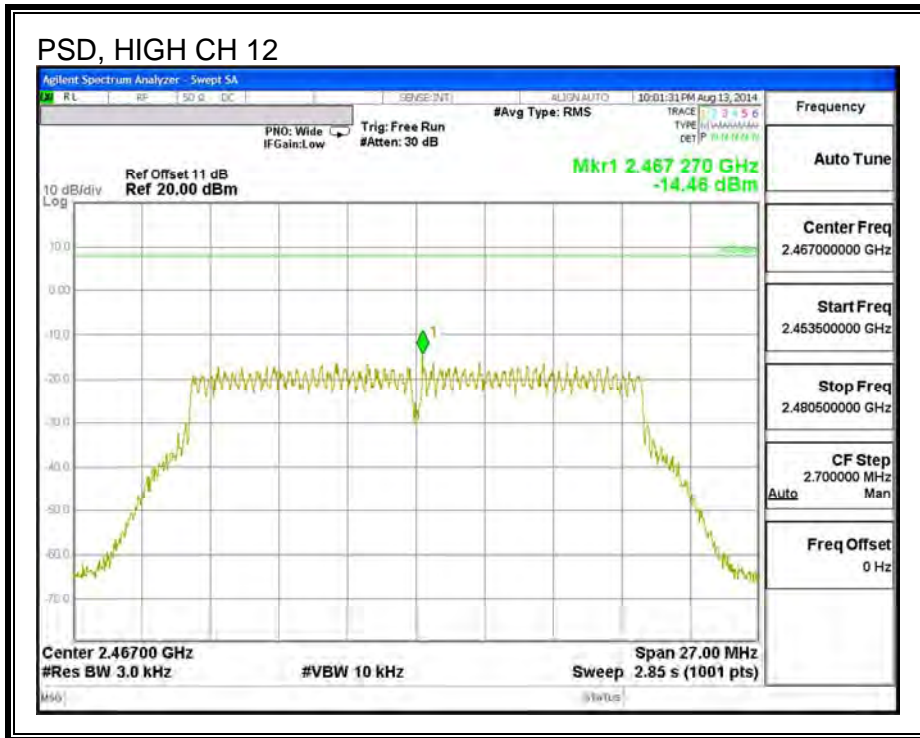
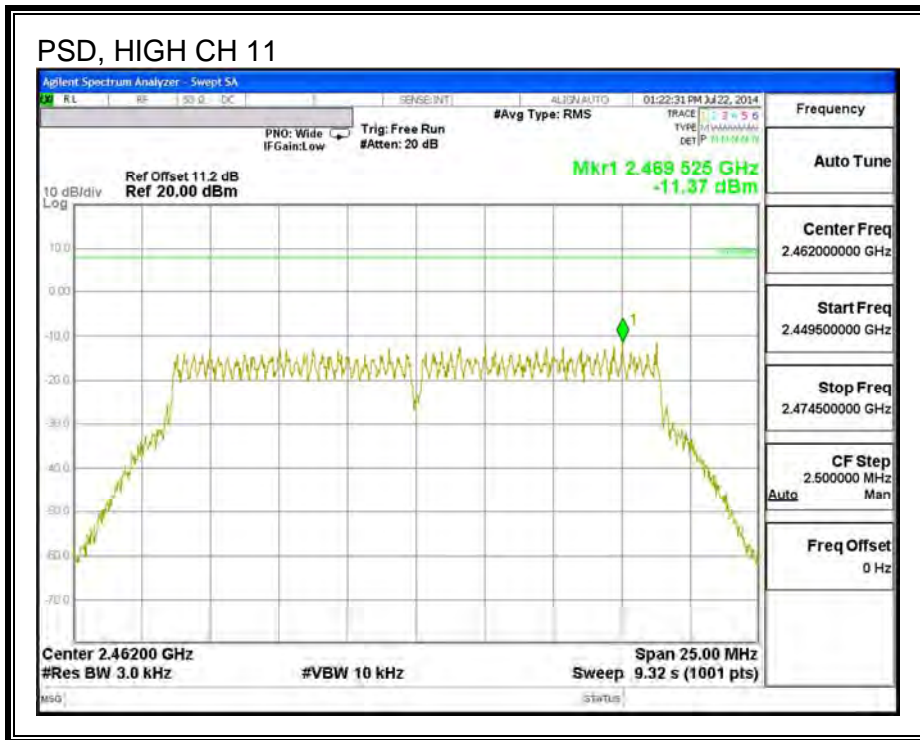
RESULTS

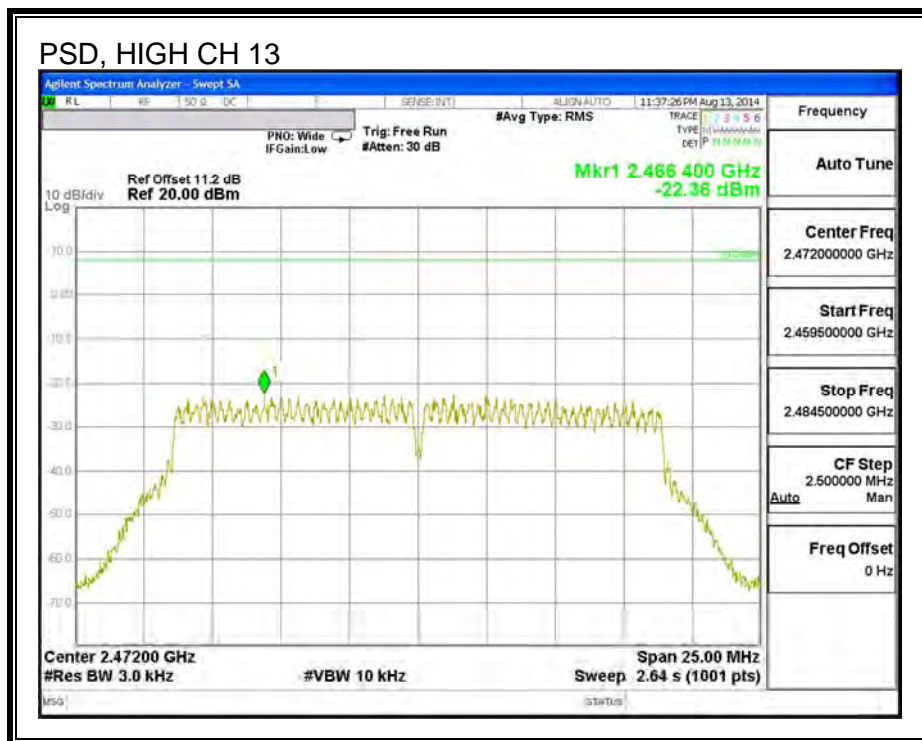
PSD Results

Channel	Frequency (MHz)	Antenna A Meas (dBm)	Antenna B Meas (dBm)	Total PSD (dBm)	Limit (dBm)	Margin (dB)
Low	2412	-12.55	-9.42	-7.70	8.0	-15.7
Mid	2437	-11.80	-8.33	-6.72	8.0	-14.7
High	2462	-11.37	-8.35	-6.59	8.0	-14.6
High	2467	-14.46	-15.47	-11.93	8.0	-19.9
High	2472	-22.36	-23.13	-19.72	8.0	-27.7

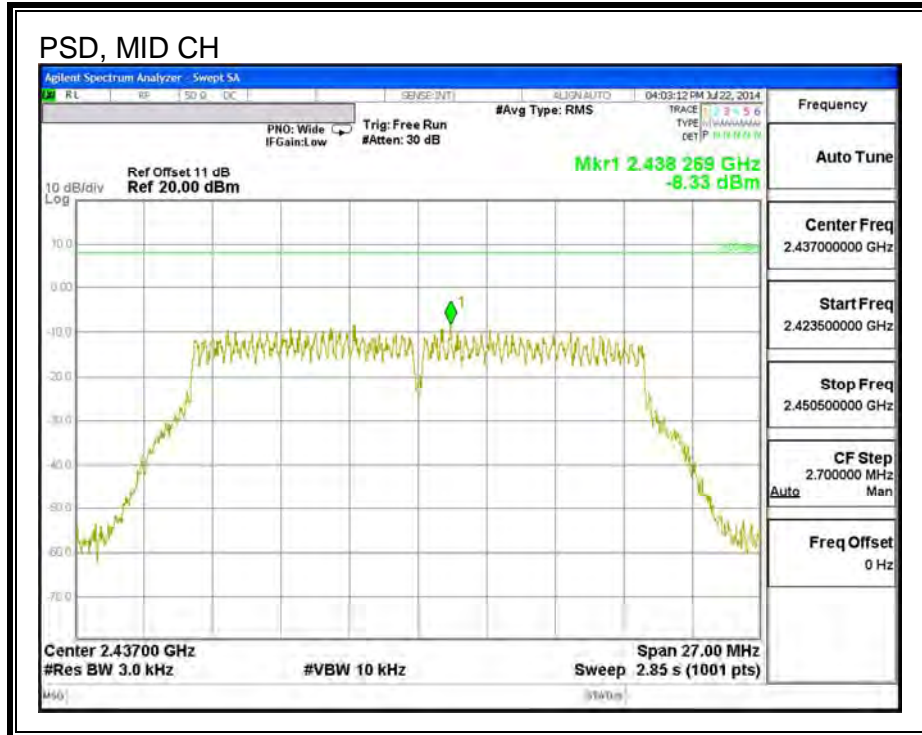
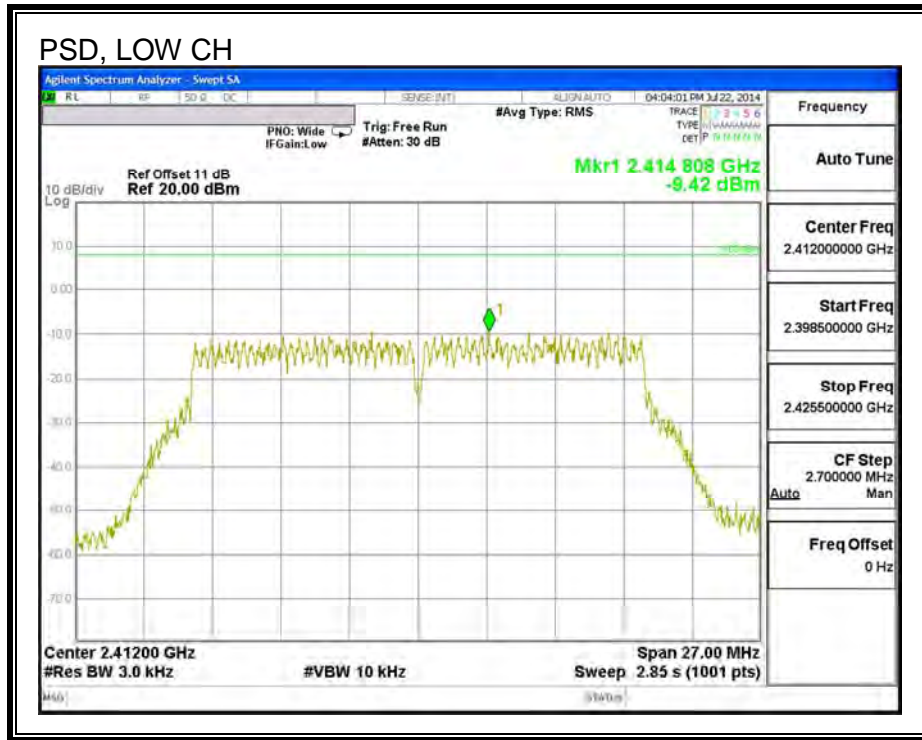
PSD, ANTENNA A

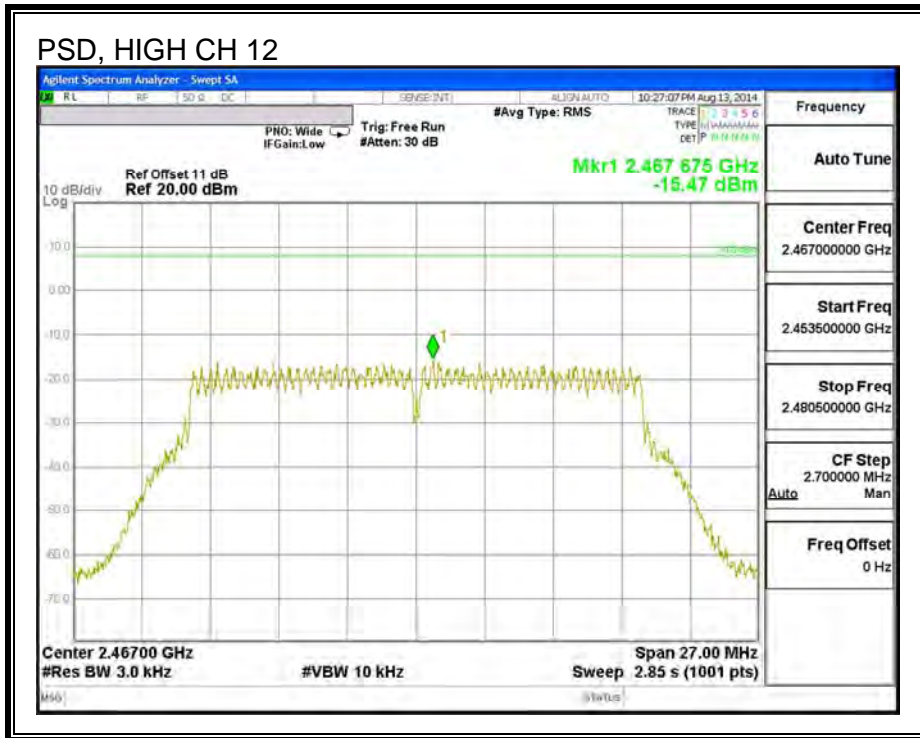
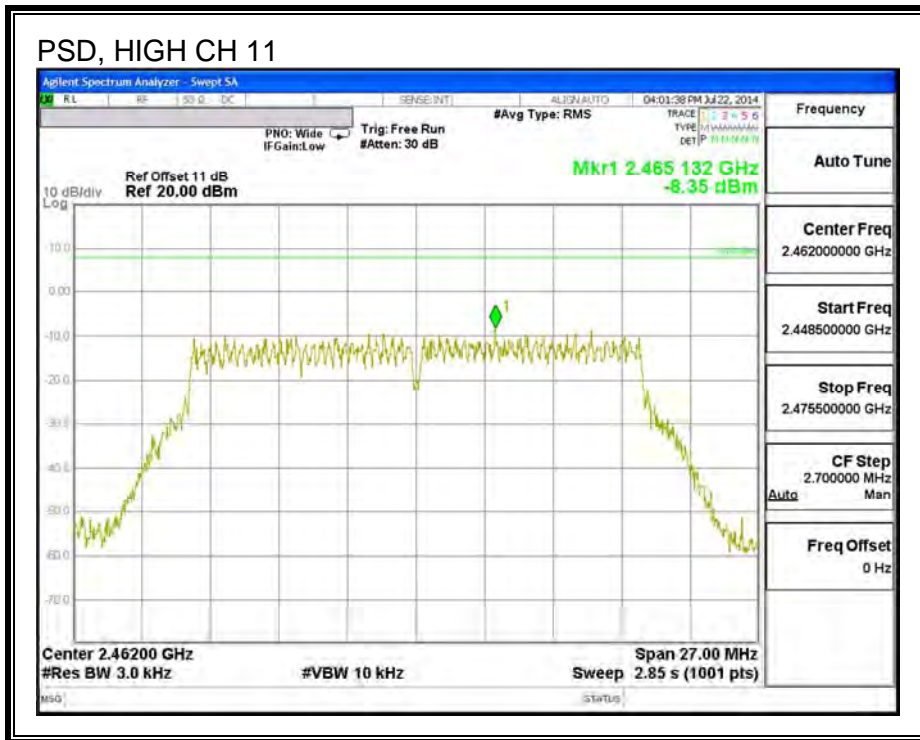


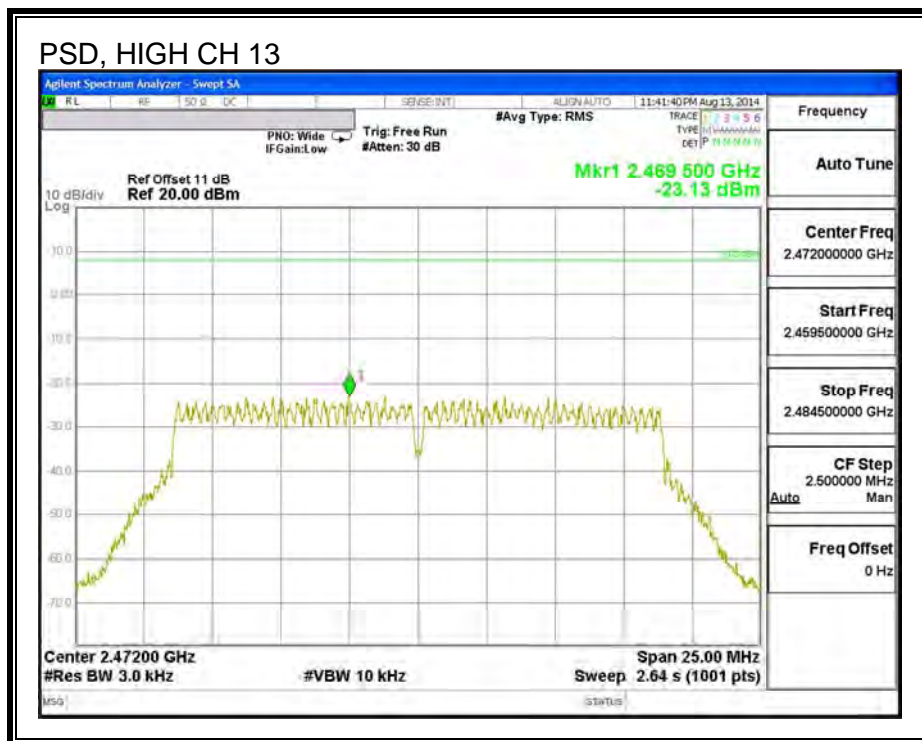




PSD, ANTENNA B







9.4.6. OUT-OF-BAND EMISSIONS

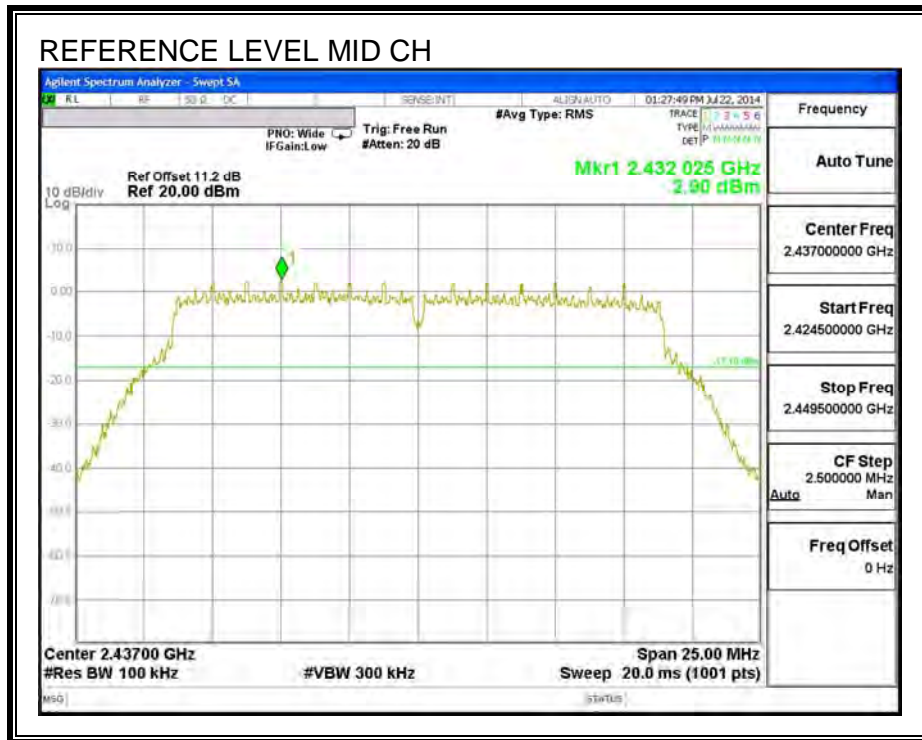
LIMITS

FCC §15.247 (d)

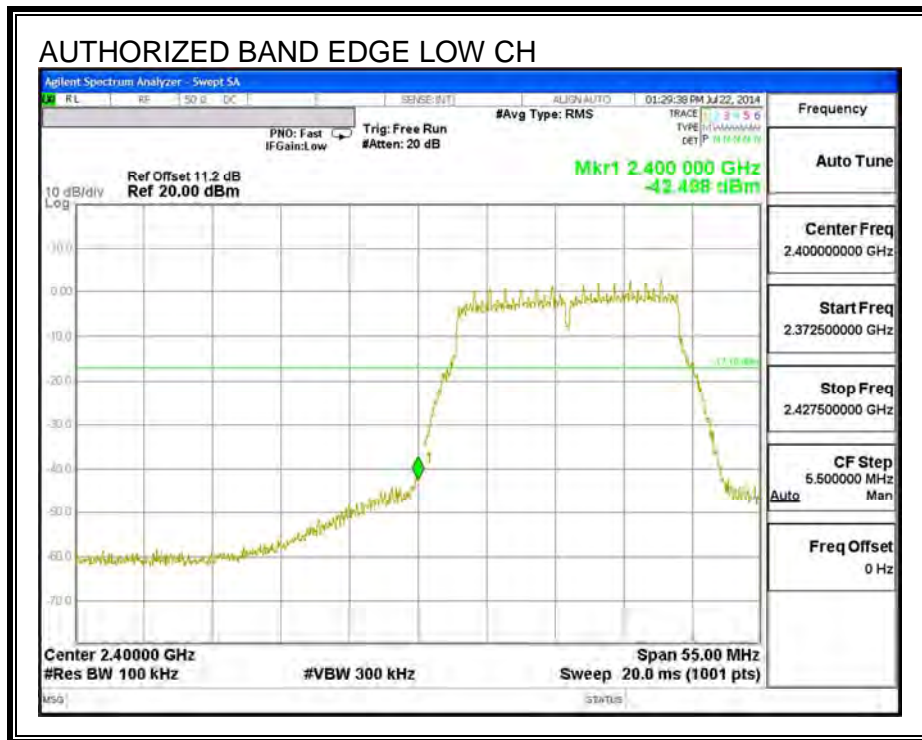
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required.

ANTENNA A RESULTS

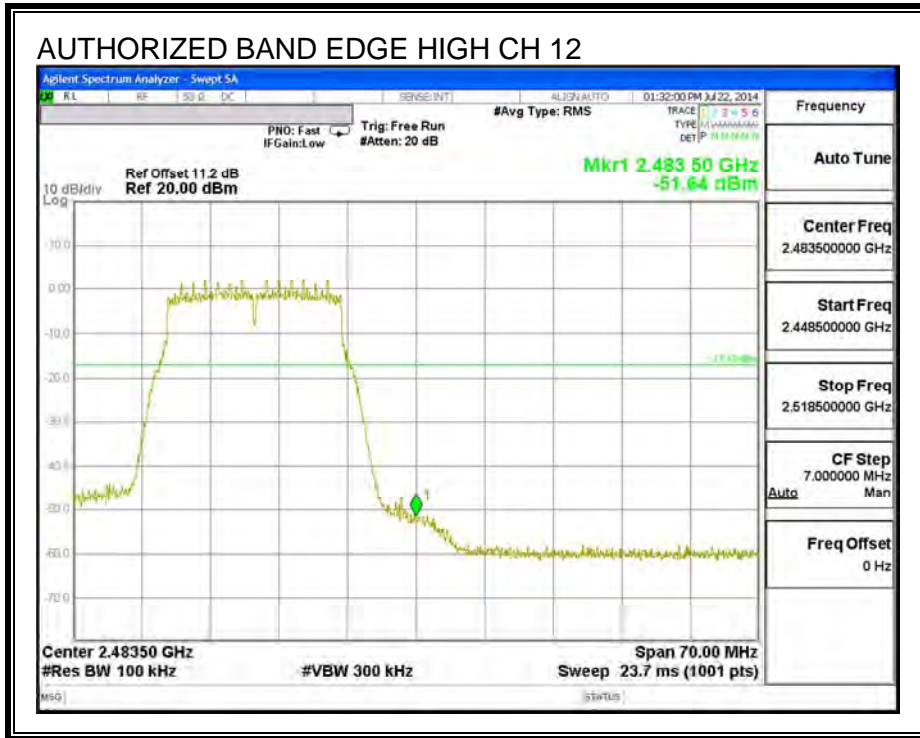
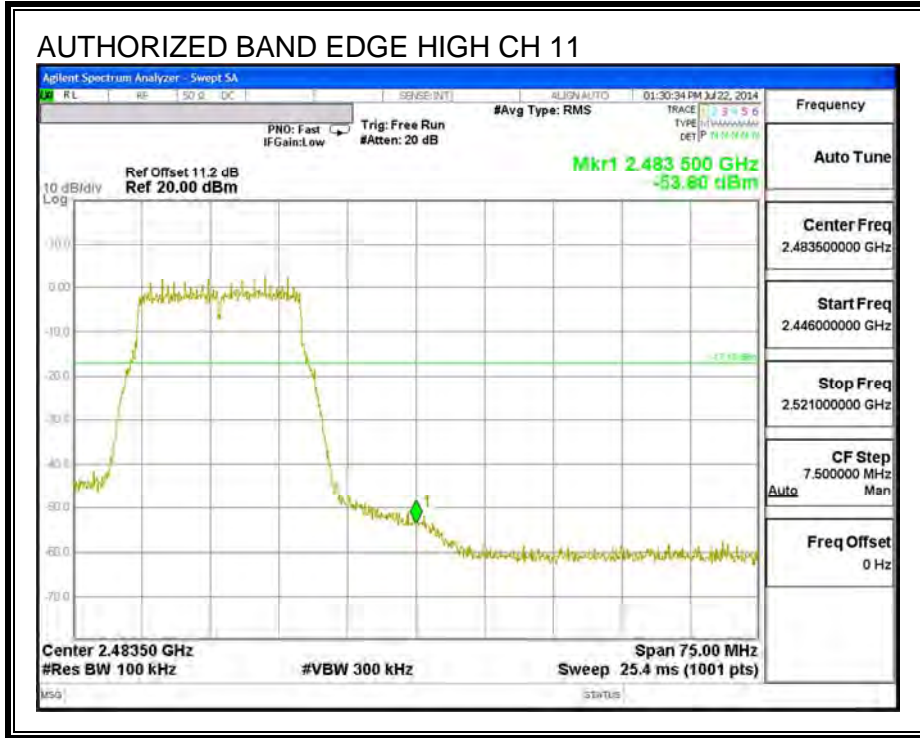
IN-BAND REFERENCE LEVEL

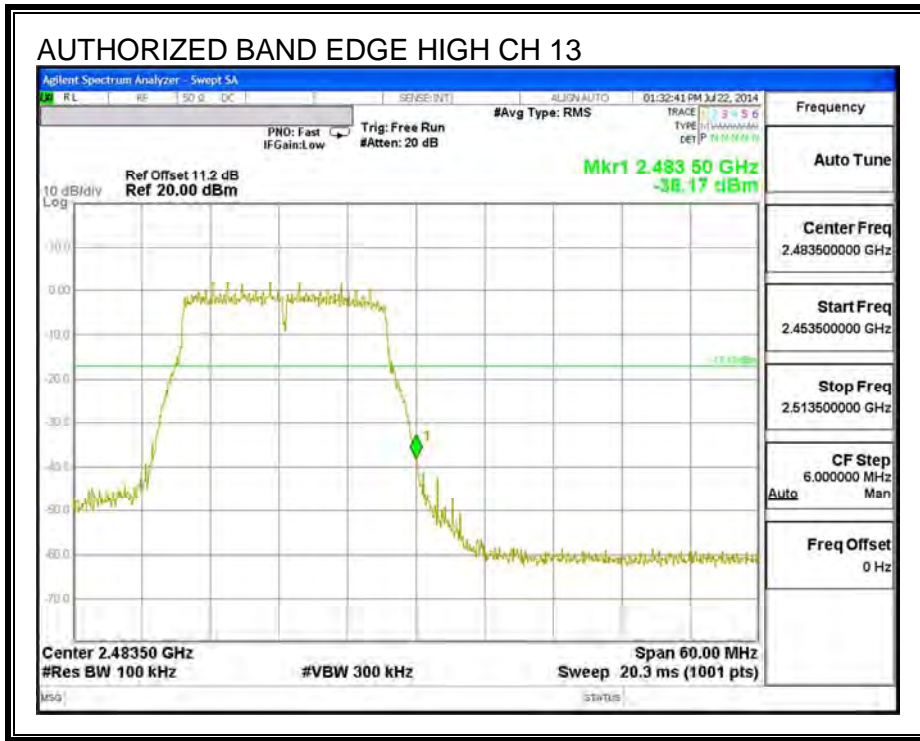


LOW CHANNEL BANDEDGE

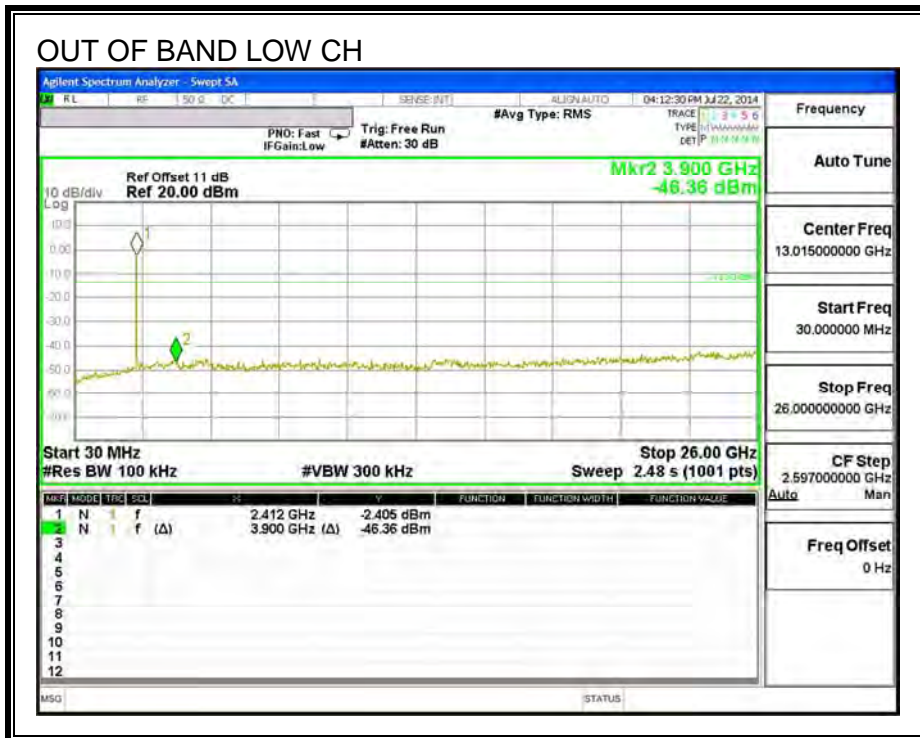


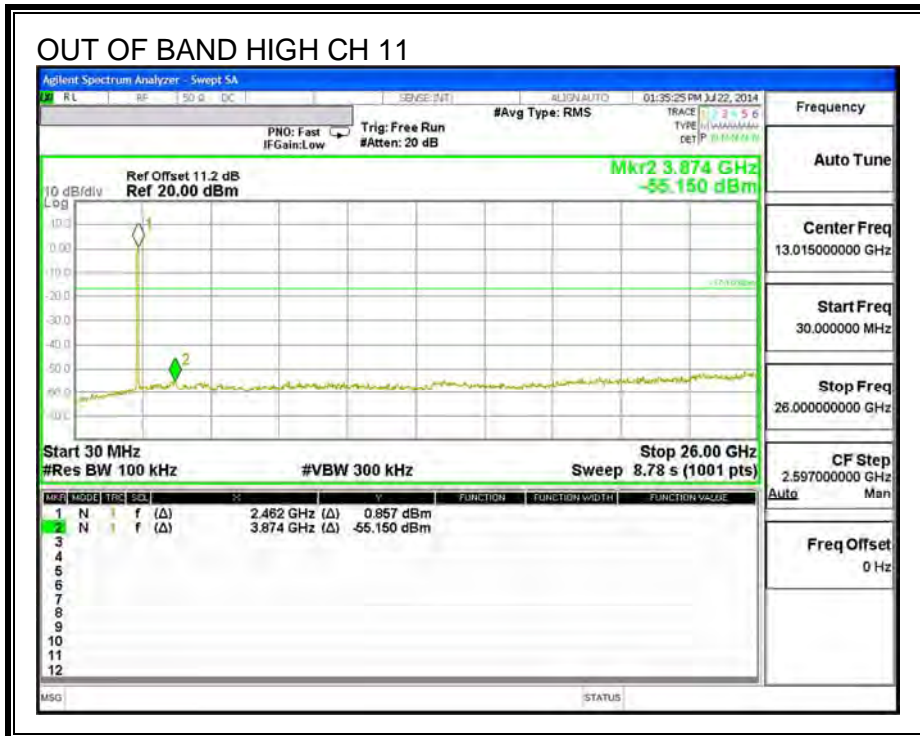
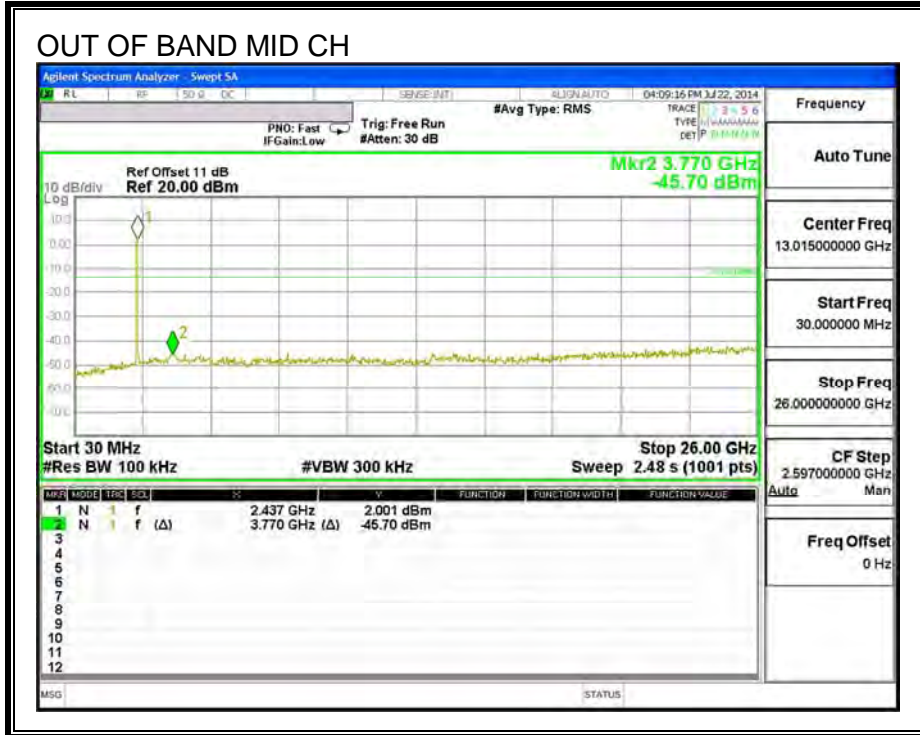
HIGH CHANNEL BANDEDGE

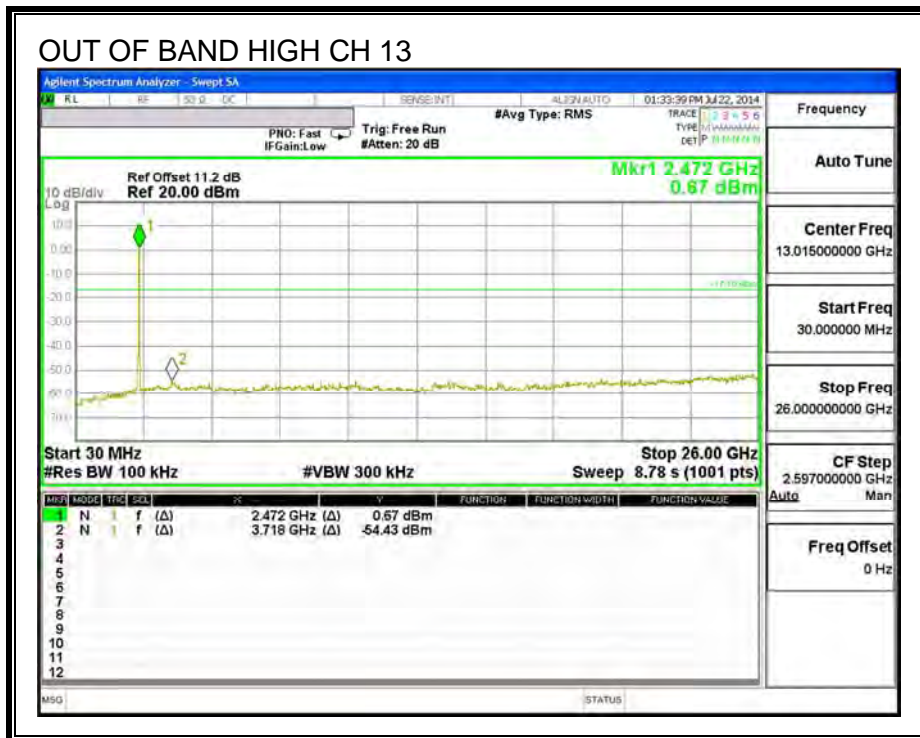
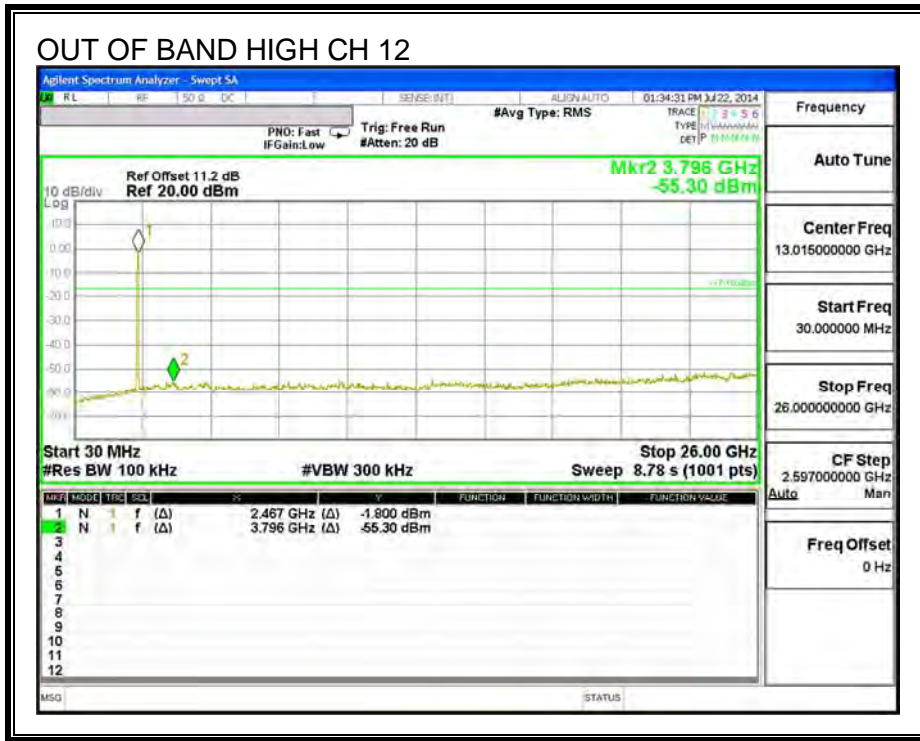




OUT-OF-BAND EMISSIONS

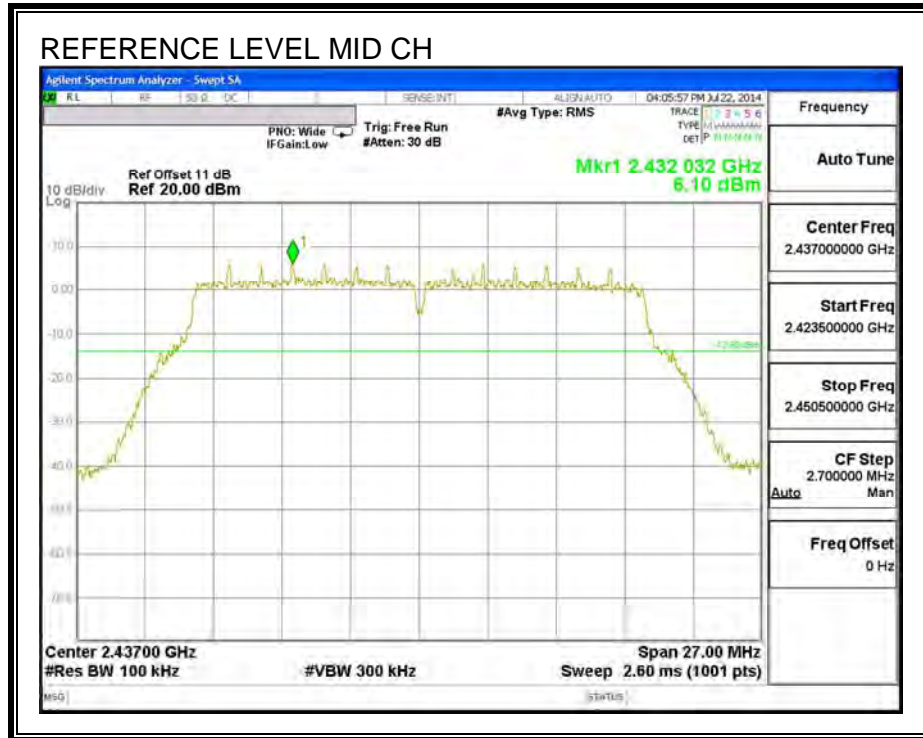




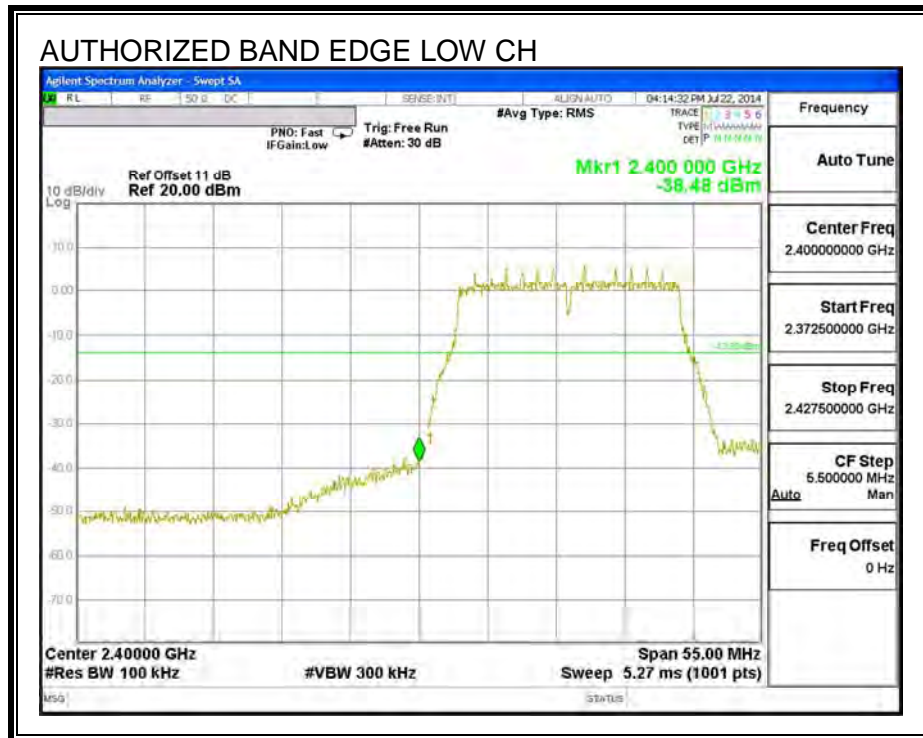


ANTENNA B RESULTS

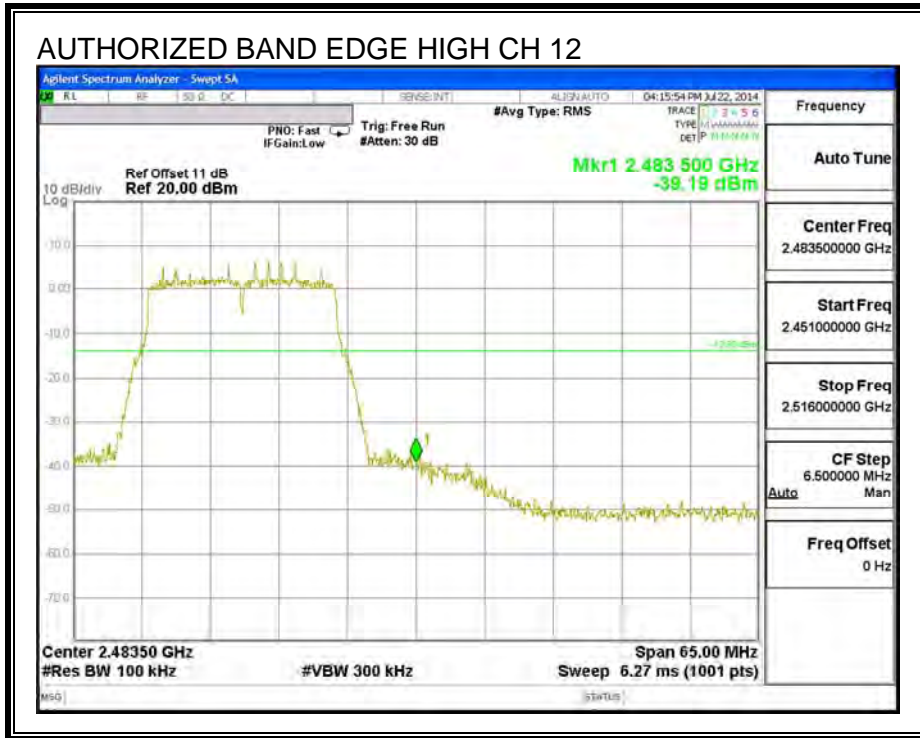
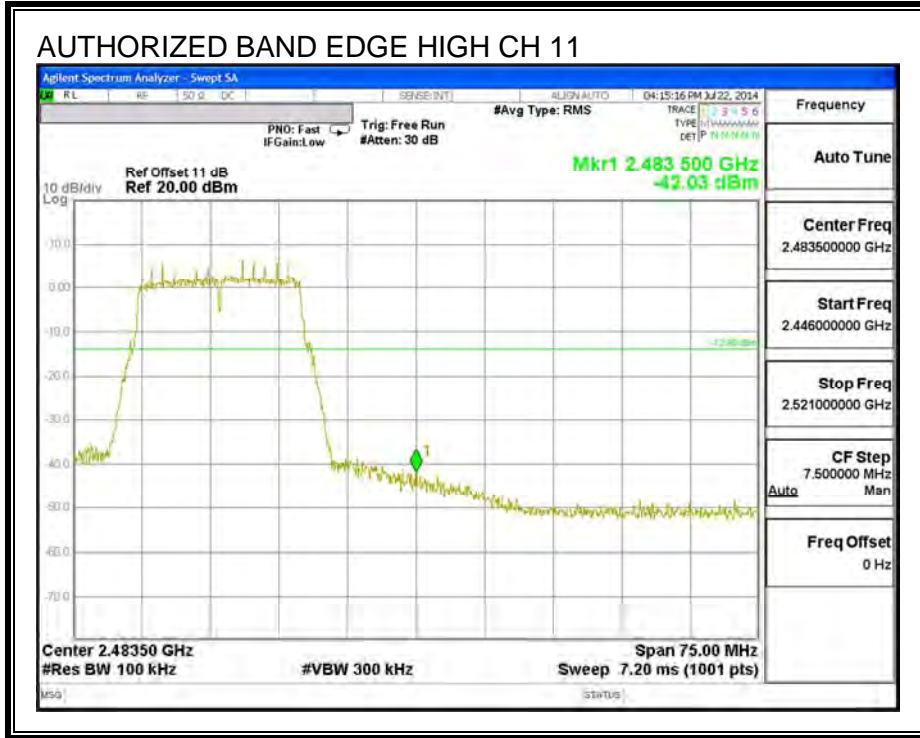
IN-BAND REFERENCE LEVEL

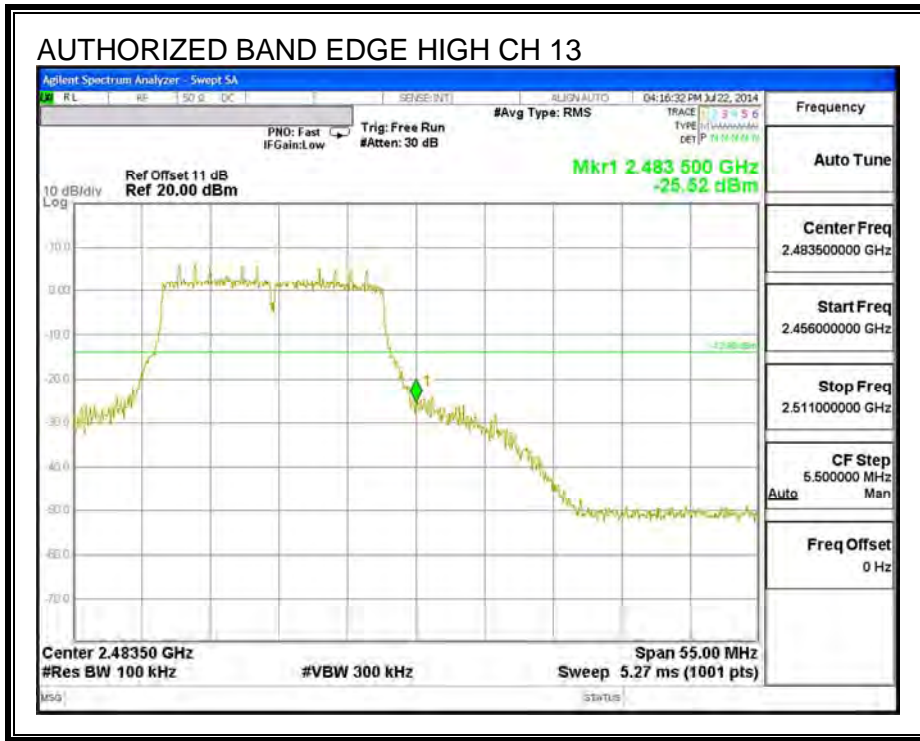


LOW CHANNEL BANDEDGE

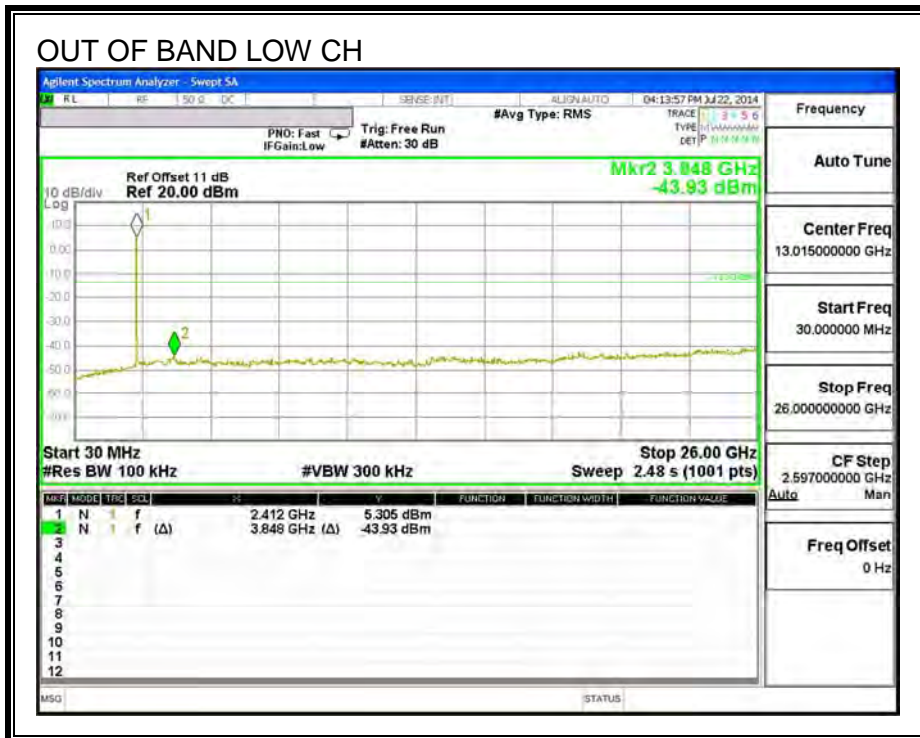


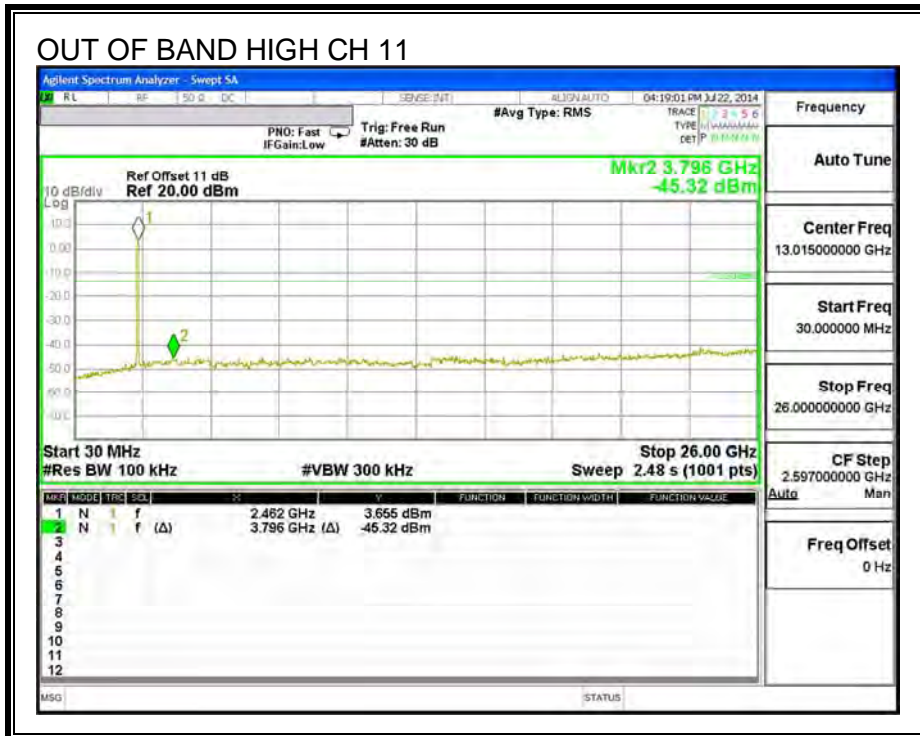
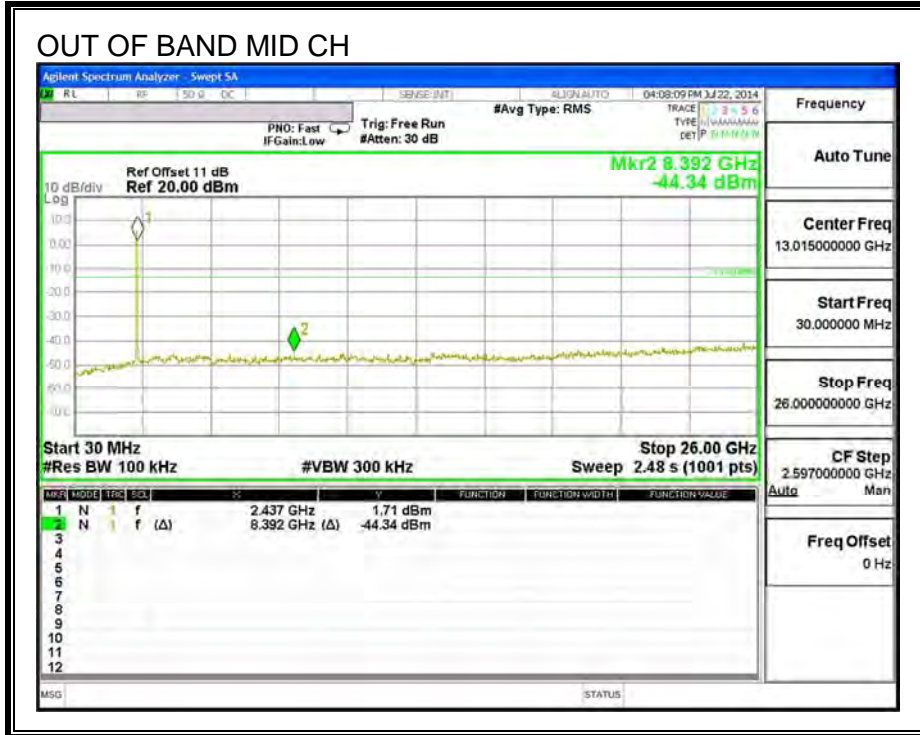
HIGH CHANNEL BANDEDGE

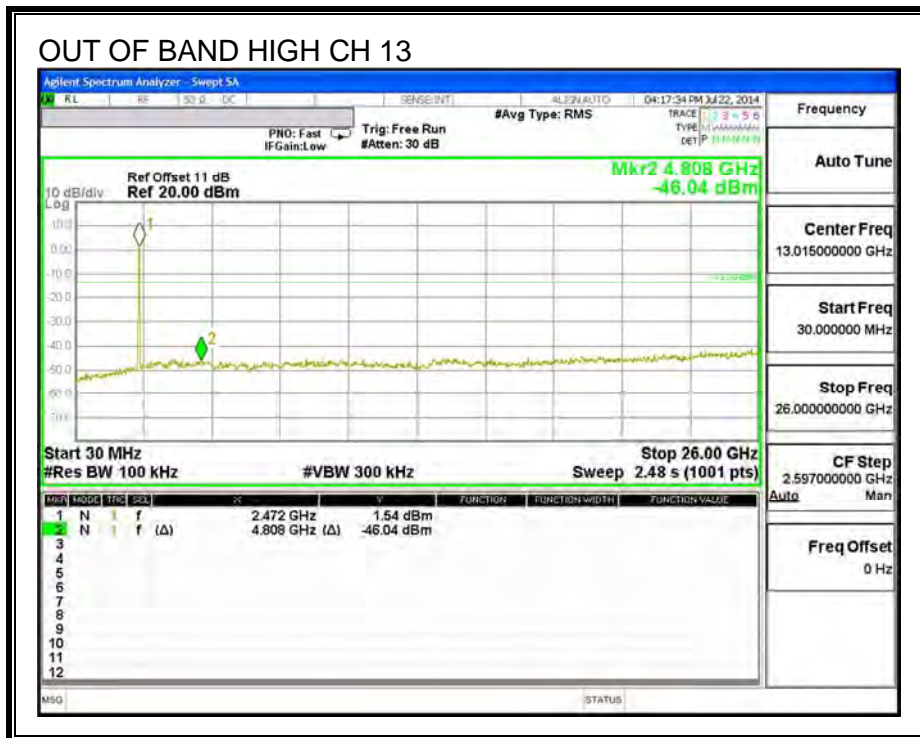
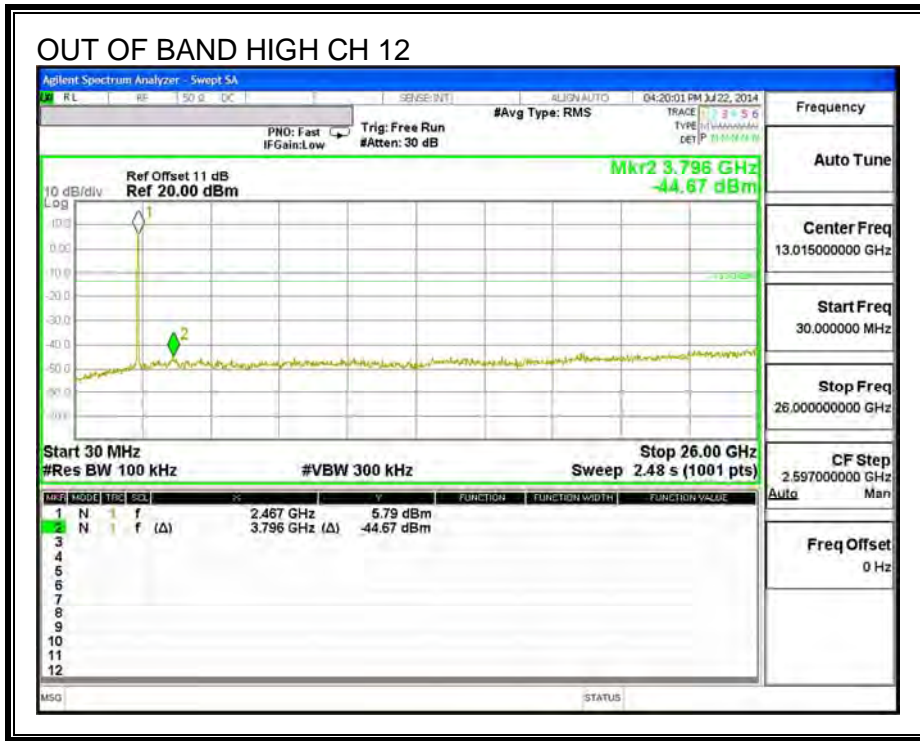




OUT-OF-BAND EMISSIONS







10. RADIATED TEST RESULTS

10.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane. The antenna to EUT distance is 3 meters.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 1 MHz for peak measurements and as applicable for average measurements.

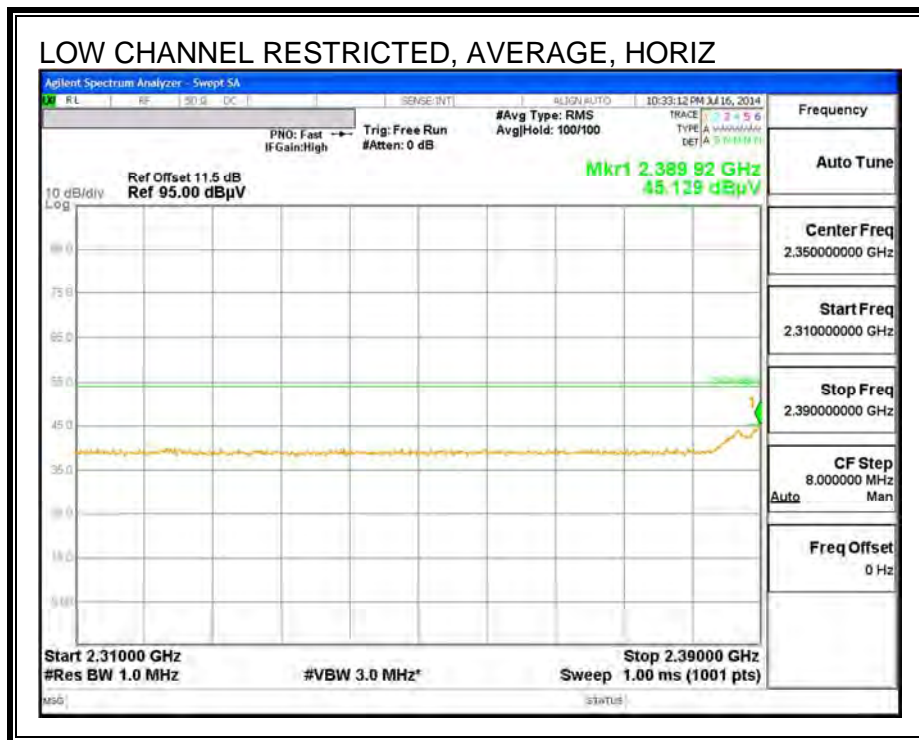
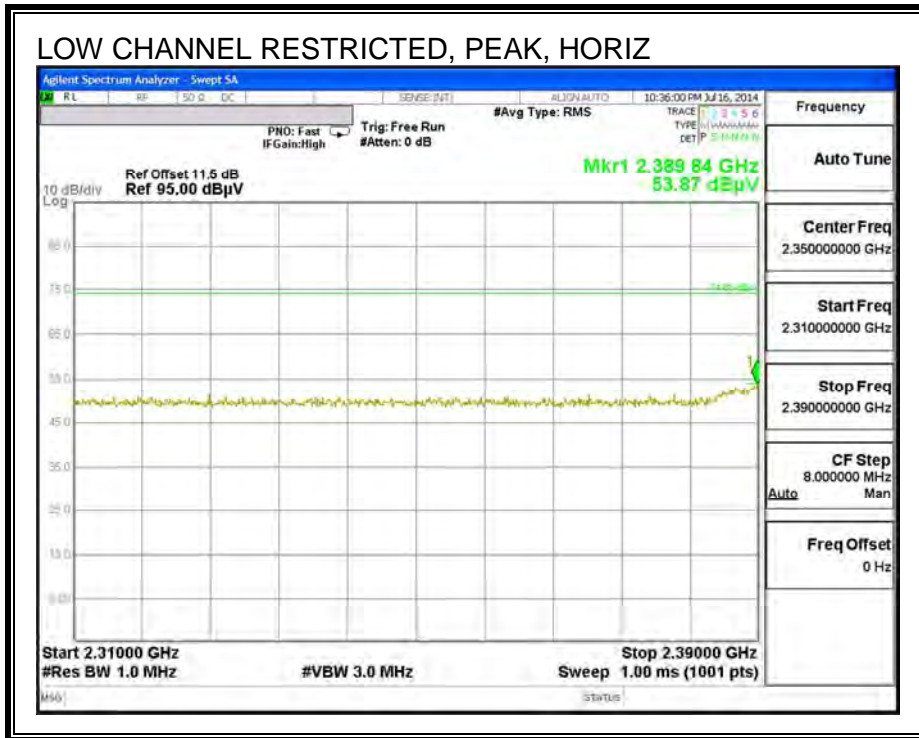
The spectrum from 30 MHz to 40 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band.

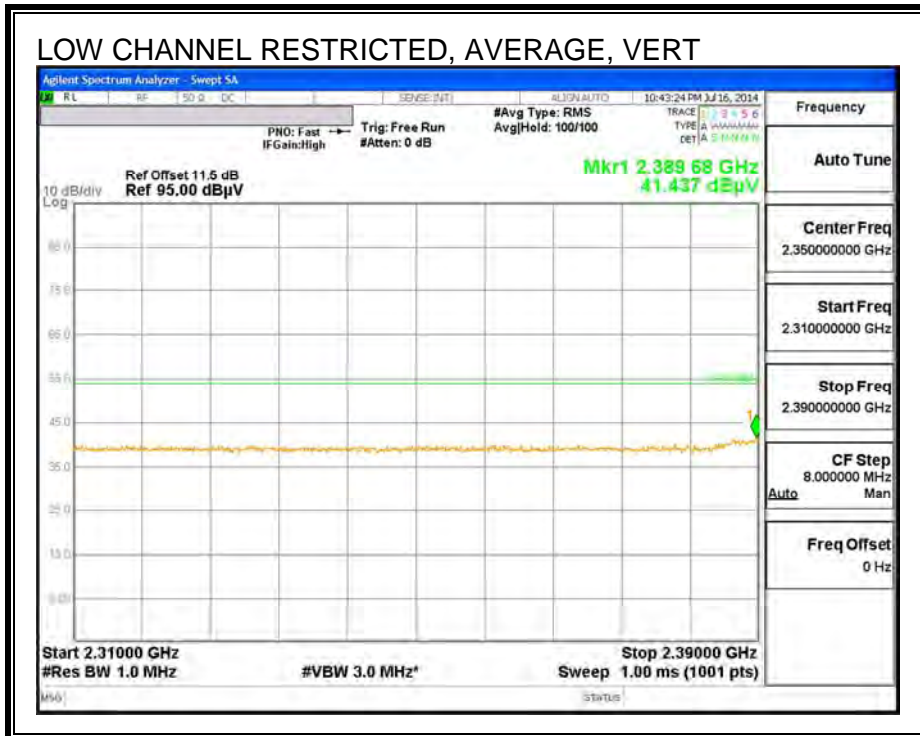
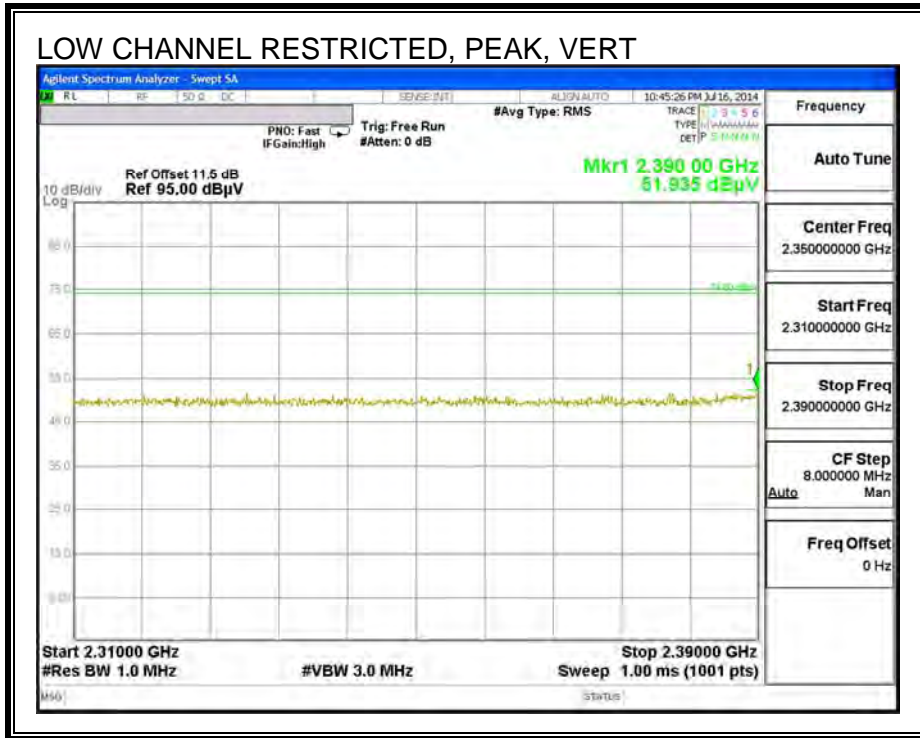
The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

10.2. TX RADIATED ABOVE 1 GHz

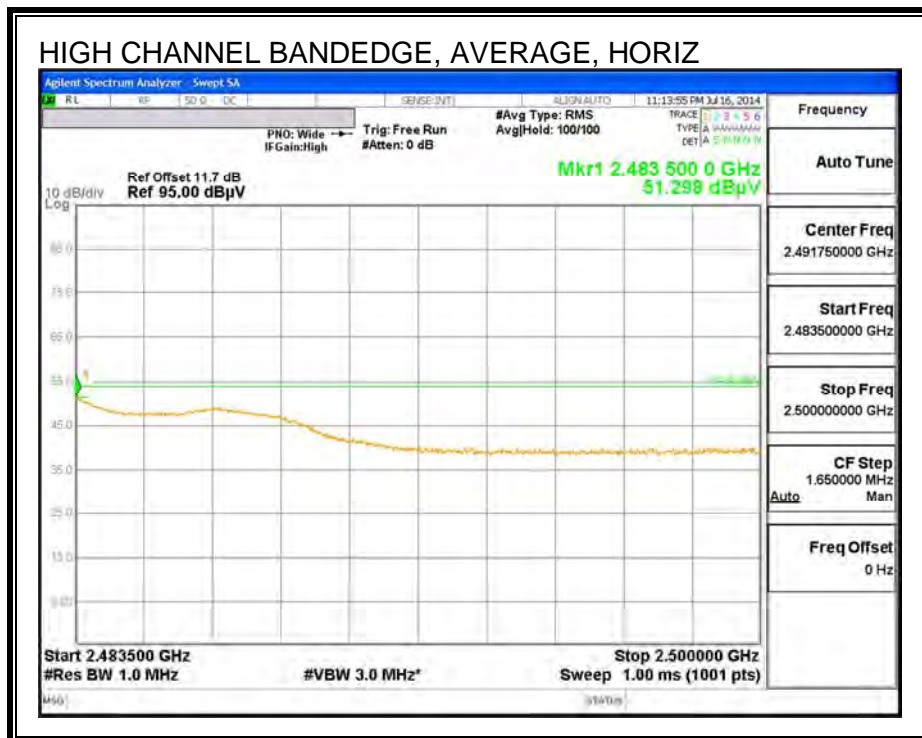
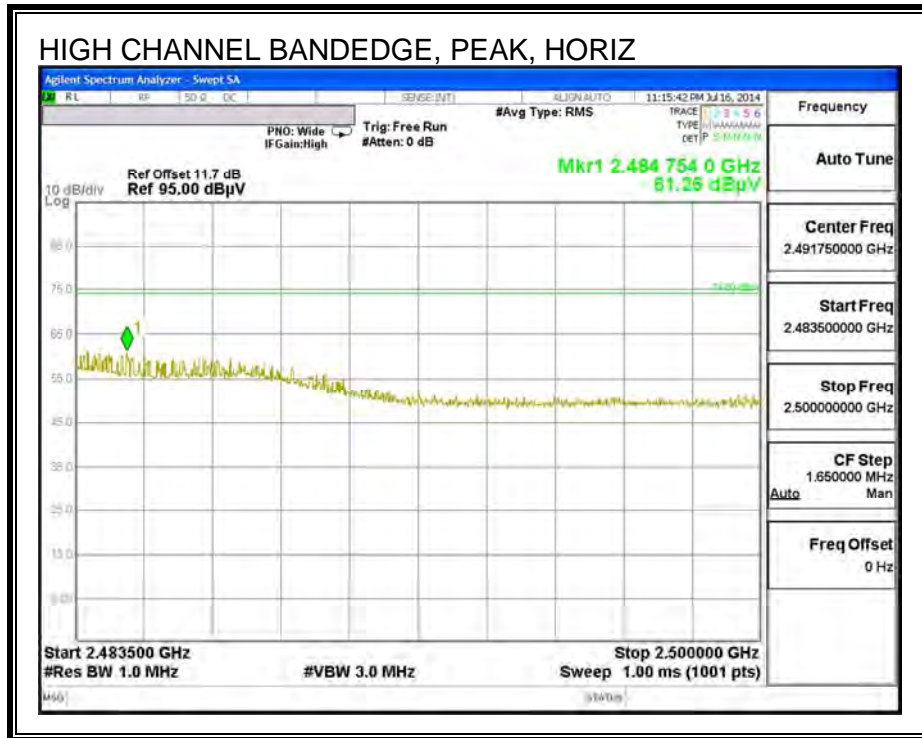
10.2.1. 802.11b 1Tx SISO ANTENNA C ANTENNA MODE IN THE 2.4 GHz BAND

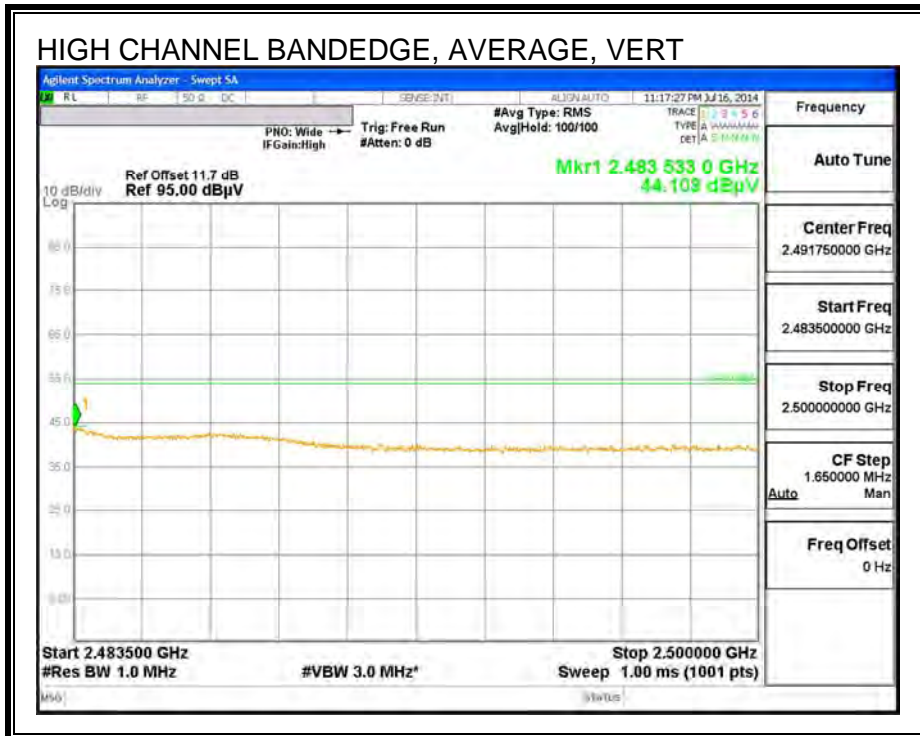
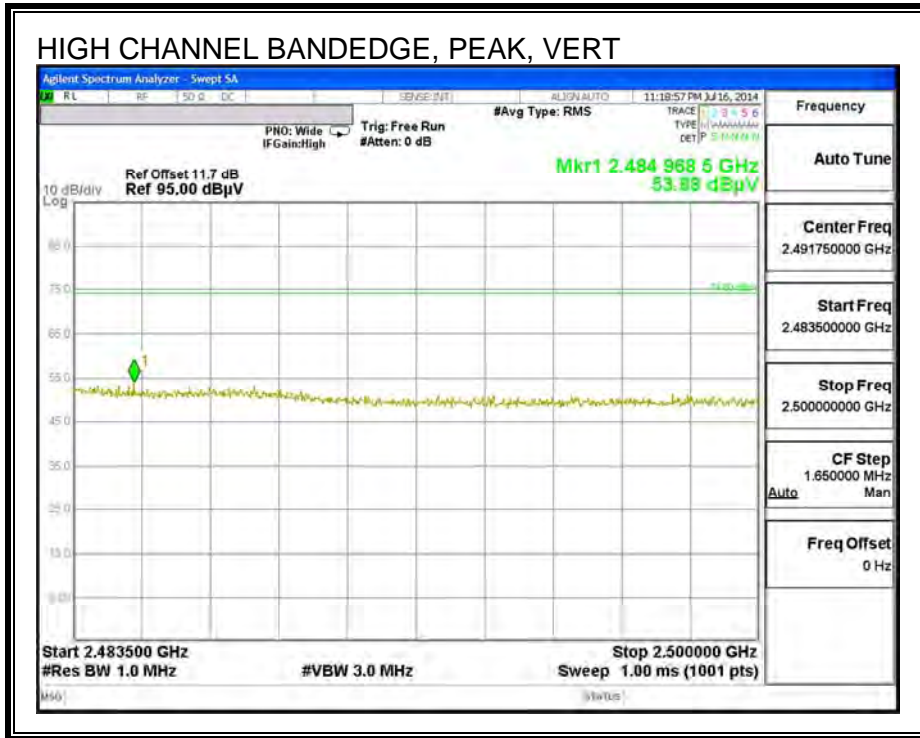
RESTRICTED BANDEDGE (LOW CHANNEL, CHANNEL 1)



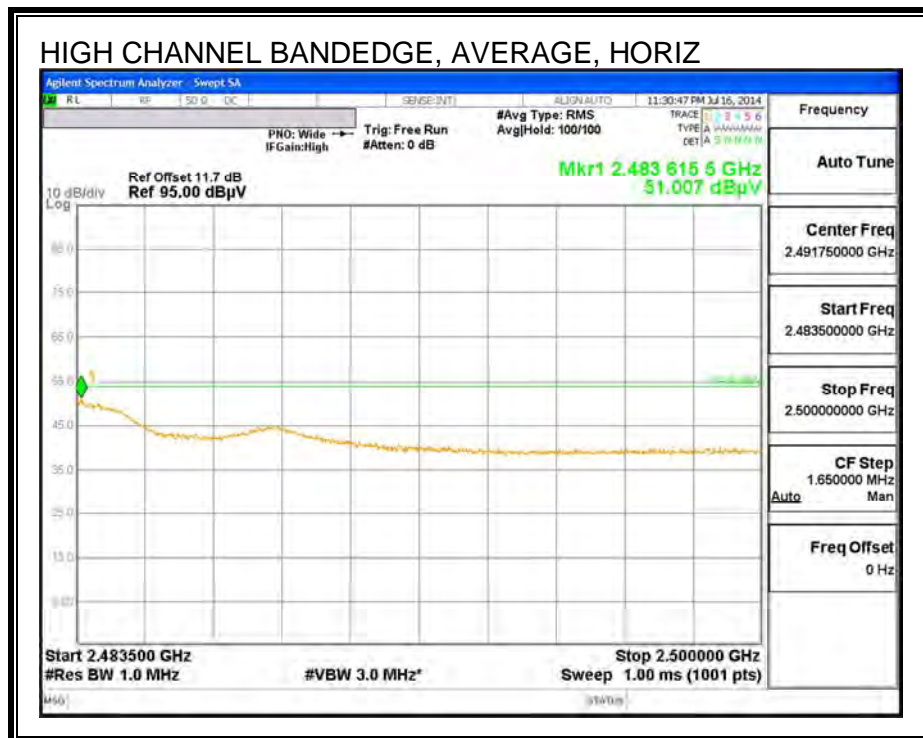
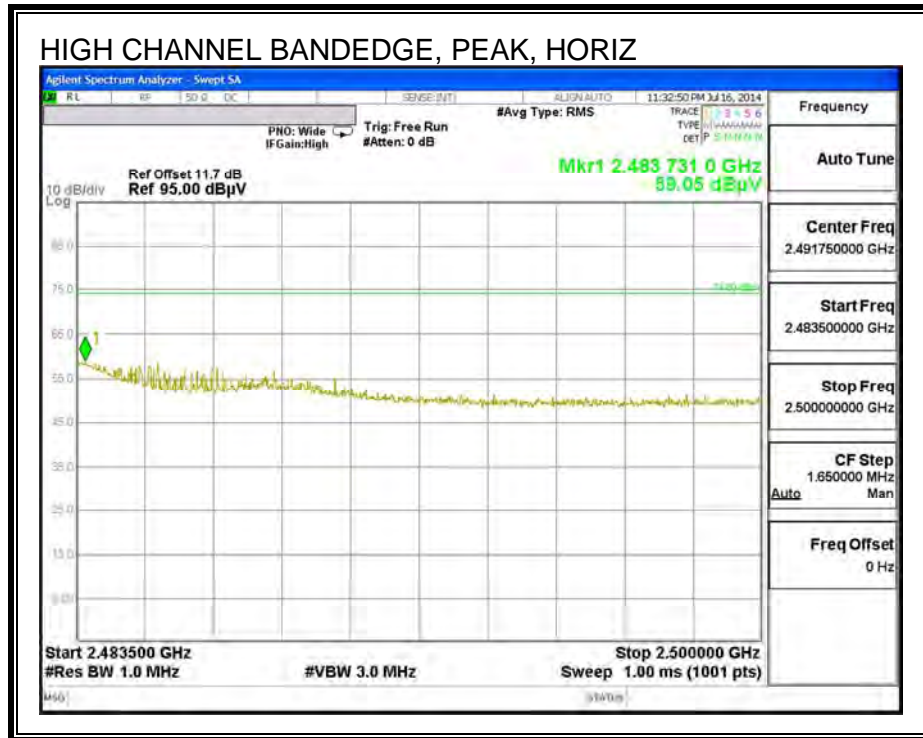


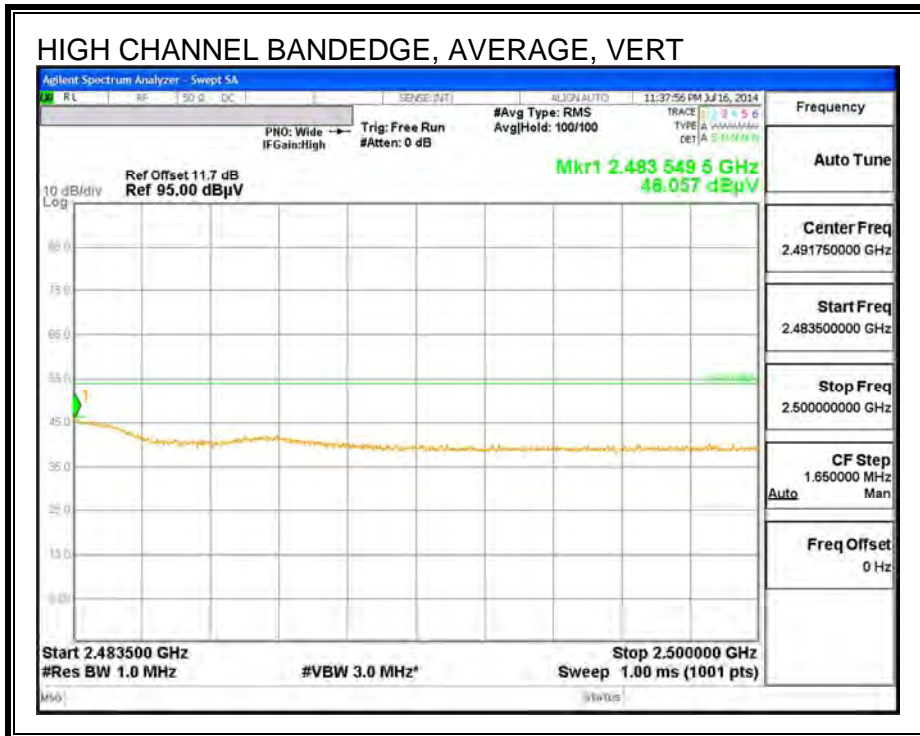
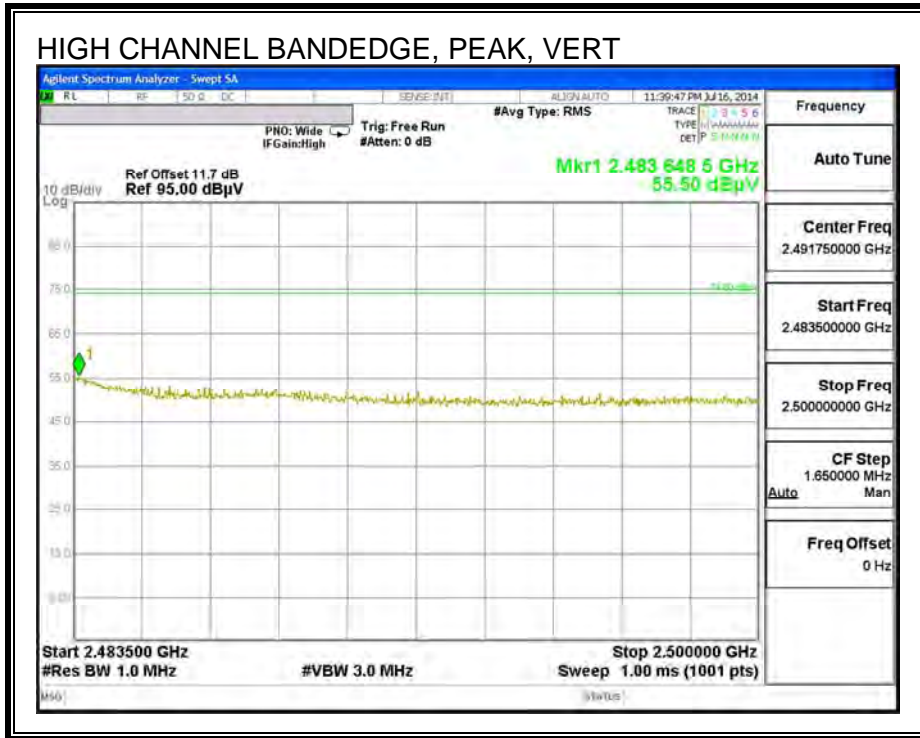
RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 11)



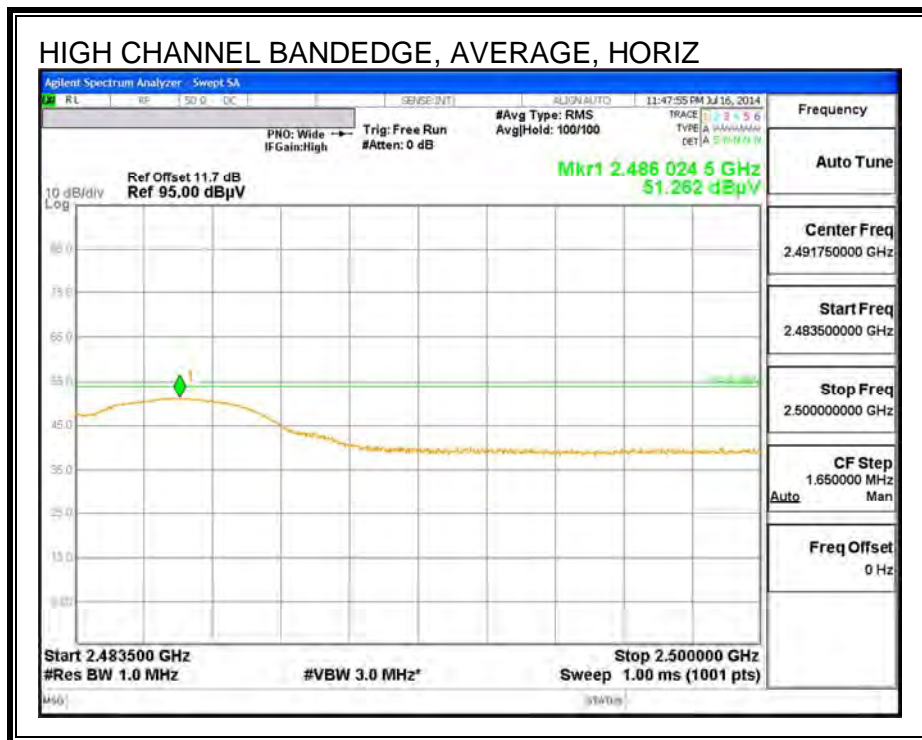
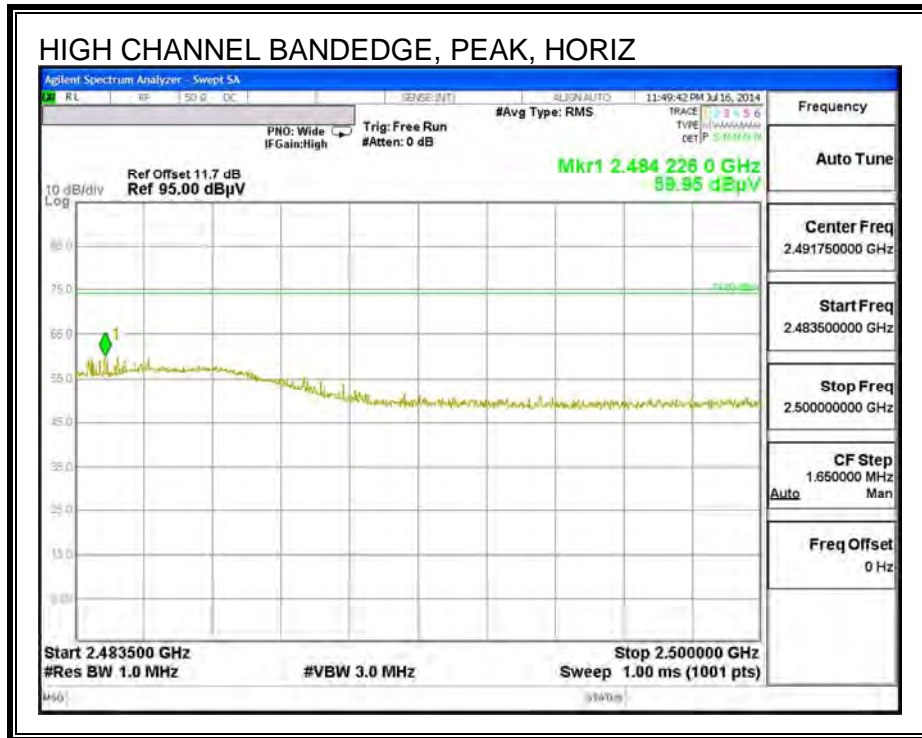


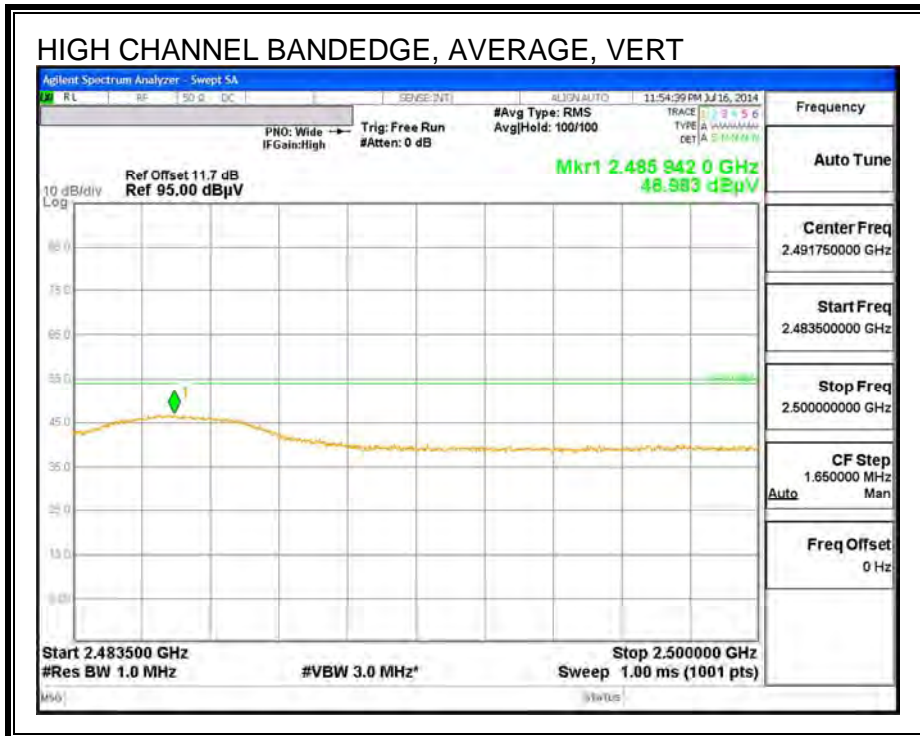
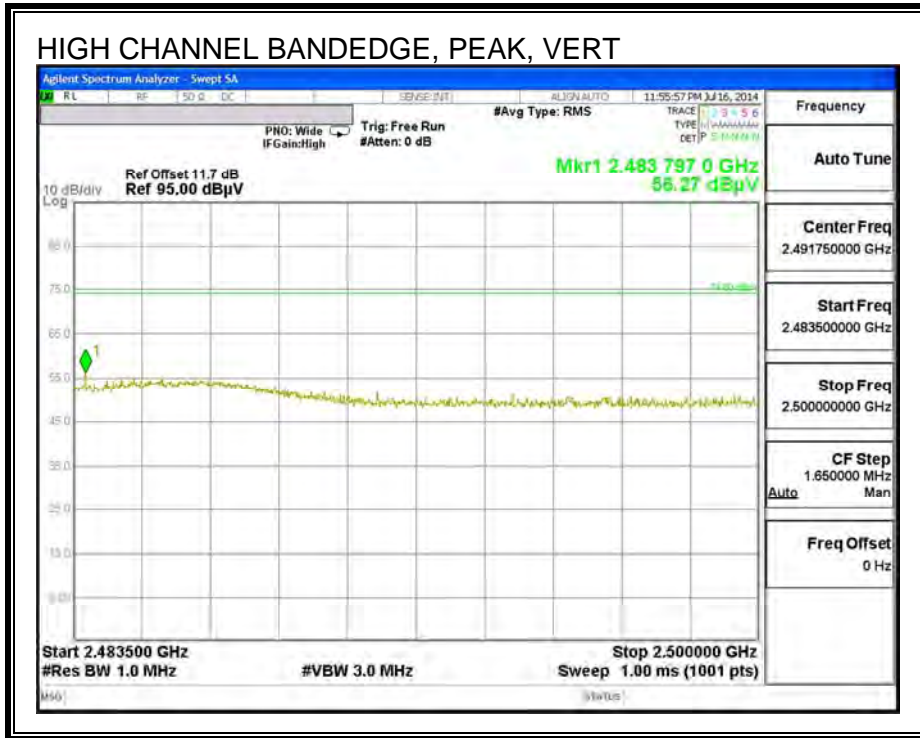
RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 12)



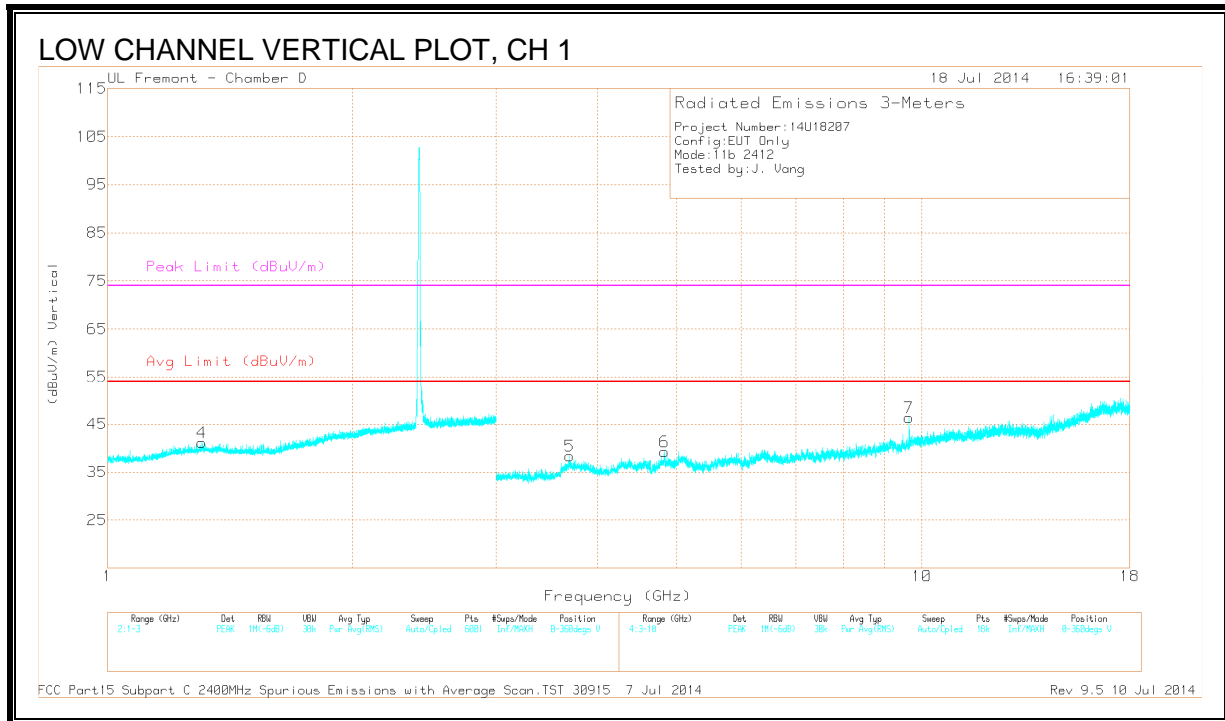
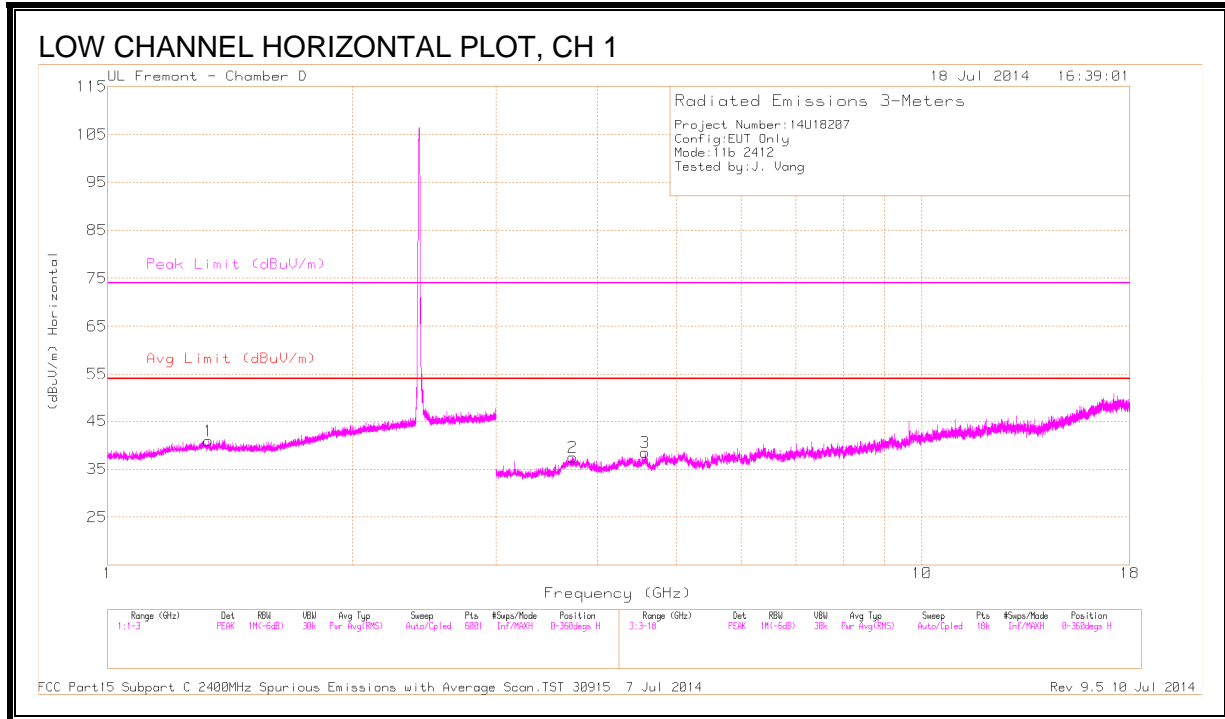


RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 13)





LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

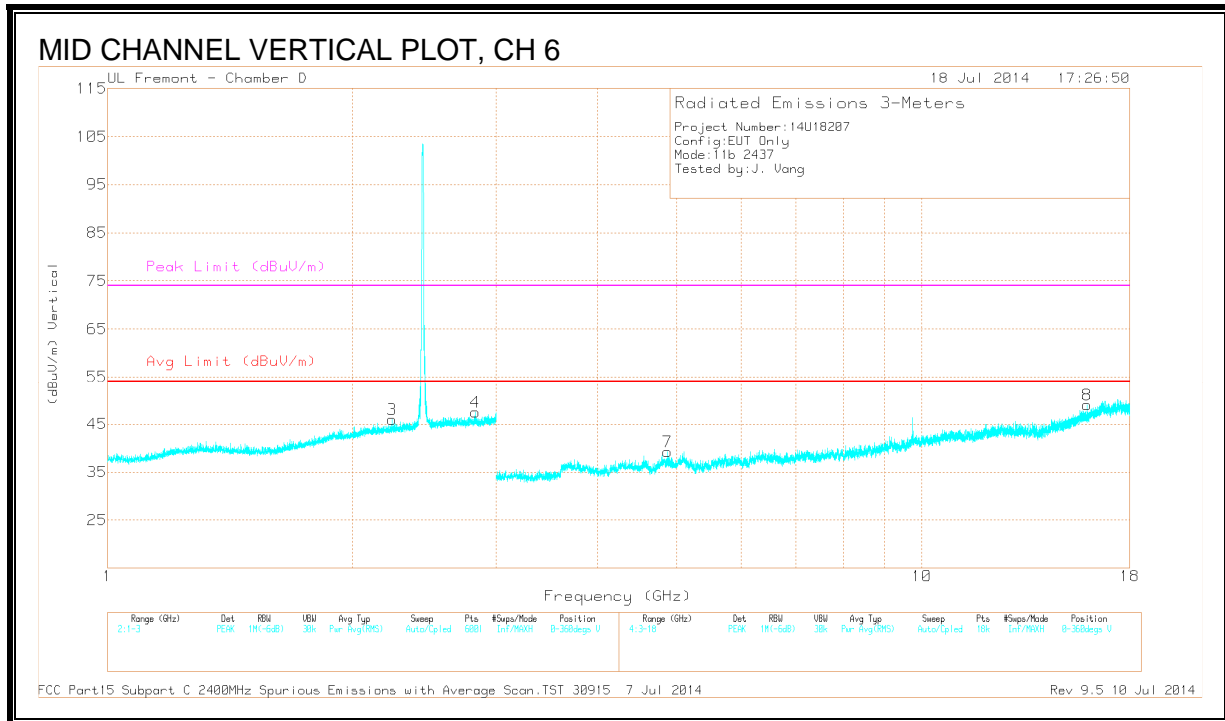
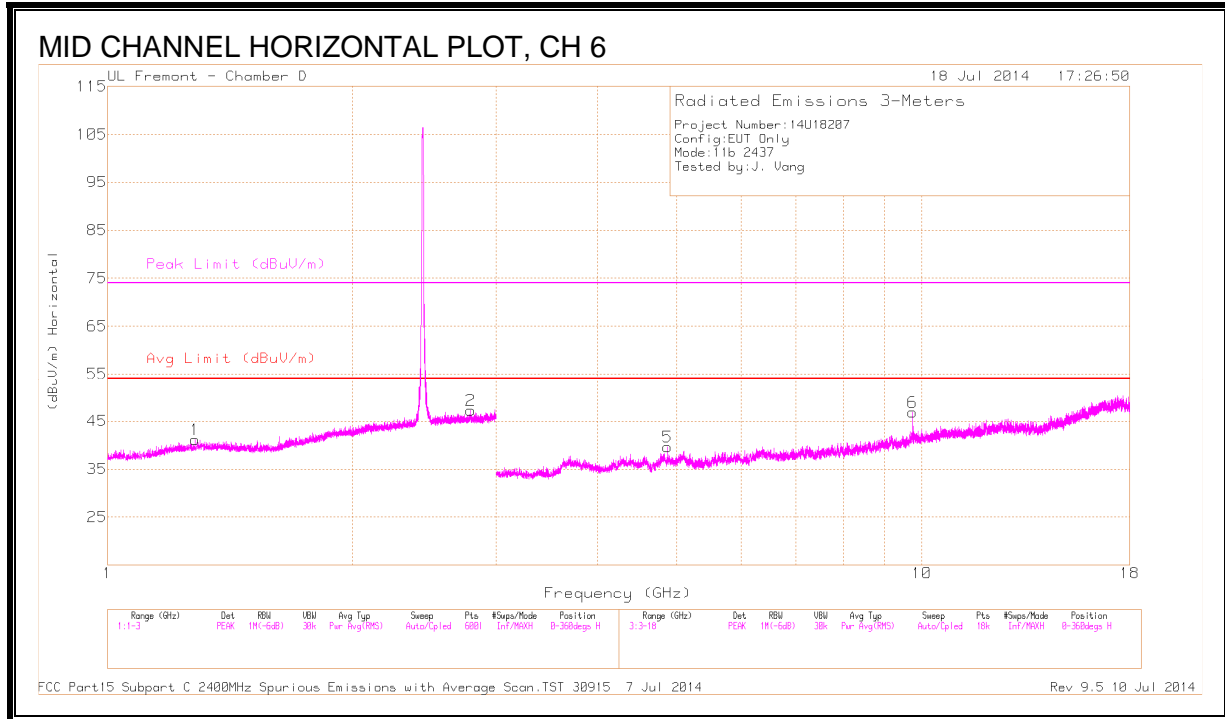
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.331	35.82	PK2	28.8	-22	42.62	-	-	74	-31.38	190	148	H
	* 1.328	29.85	MAv1	28.8	-22	36.65	54	-17.35	-	-	190	148	H
4	* 1.306	42.36	PK2	28.8	-21.9	49.26	-	-	74	-24.74	159	171	V
	* 1.306	29.91	MAv1	28.8	-21.9	36.81	54	-17.19	-	-	159	171	V
2	* 3.728	38.99	PK2	33.3	-28.3	43.99	-	-	74	-30.01	265	147	H
	* 3.728	26.76	MAv1	33.3	-28.3	31.76	54	-22.24	-	-	265	147	H
3	* 4.57	37.91	PK2	34	-26.4	45.51	-	-	74	-28.49	155	196	H
	* 4.569	26.06	MAv1	34	-26.4	33.66	54	-20.34	-	-	155	196	H
5	* 3.691	38.38	PK2	33.2	-28	43.58	-	-	74	-30.42	59	261	V
	* 3.691	26.76	MAv1	33.2	-27.9	32.06	54	-21.94	-	-	59	261	V
6	* 4.831	37.94	PK2	34.2	-26.7	45.44	-	-	74	-28.56	116	273	V
	* 4.831	26	MAv1	34.2	-26.7	33.5	54	-20.5	-	-	116	273	V
7	9.648	31.6	PK	36.8	-22	46.4	-	-	-	-	0-360	201	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



DATA

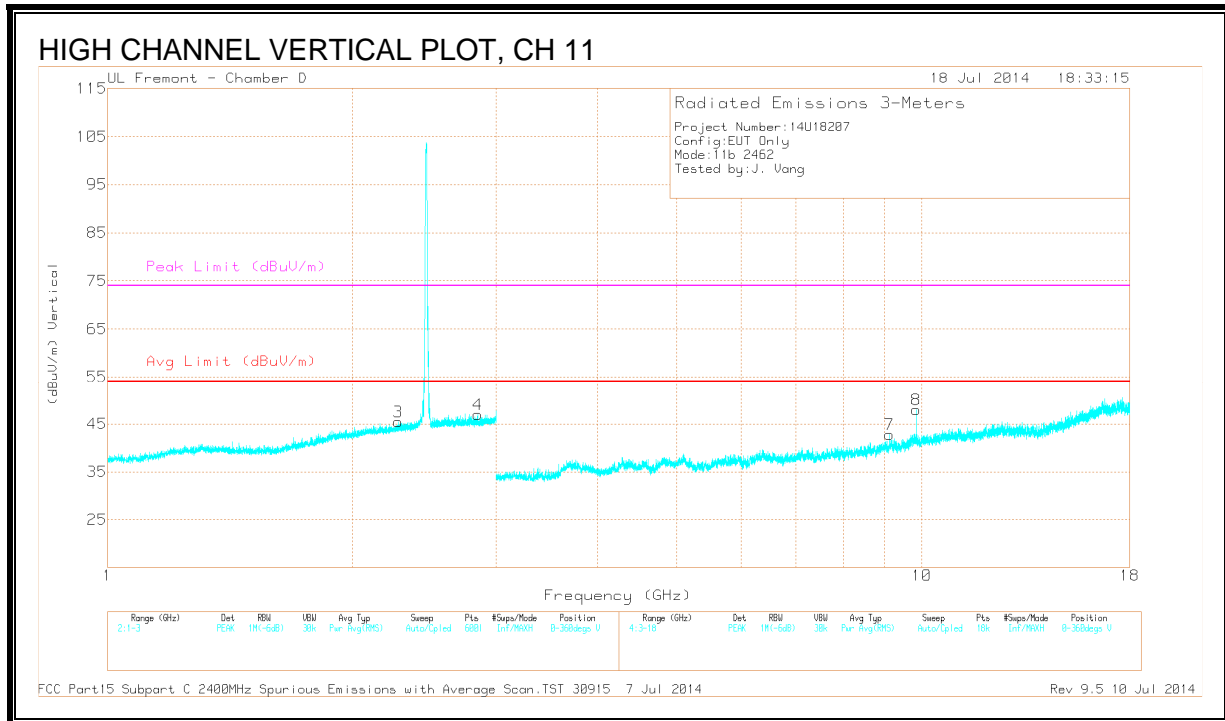
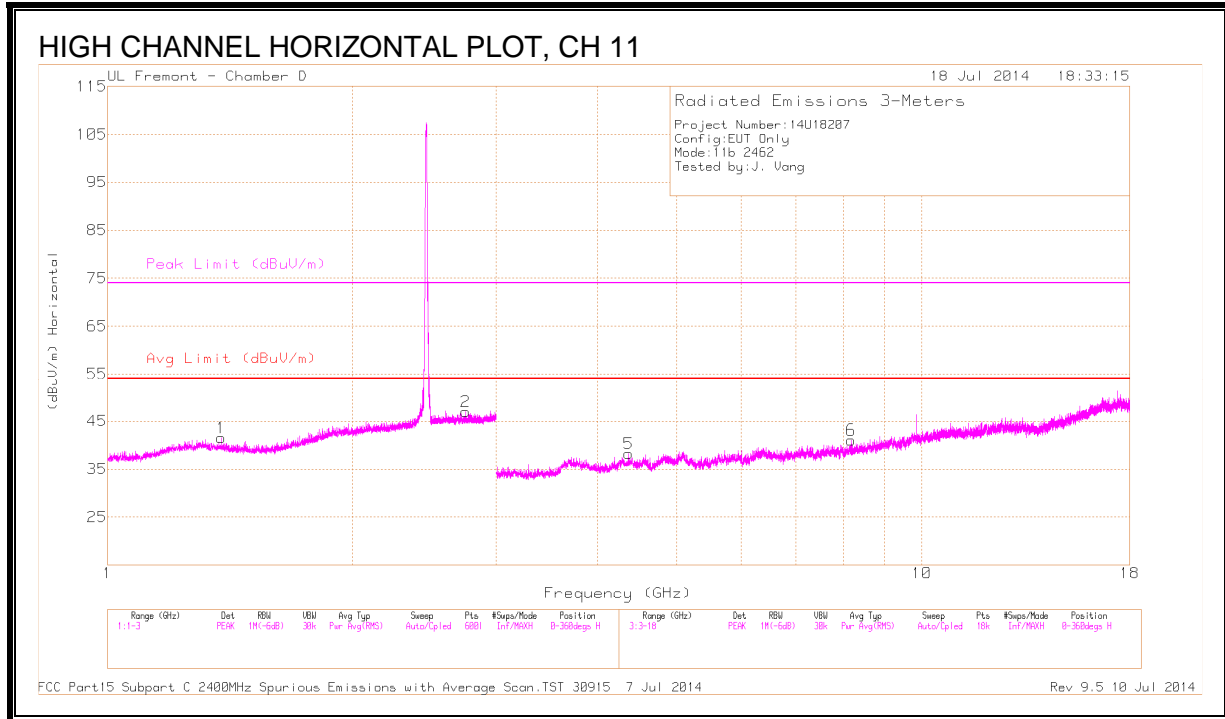
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.281	41.73	PK2	28.7	-22.1	48.33	-	-	74	-25.67	245	370	H
	* 1.282	29.78	MAv1	28.7	-22.1	36.38	54	-17.62	-	-	245	370	H
2	* 2.791	42.21	PK2	32.5	-19.9	54.81	-	-	74	-19.19	290	283	H
	* 2.792	29.59	MAv1	32.5	-19.9	42.19	54	-11.81	-	-	290	283	H
3	* 2.233	41.54	PK2	31.7	-20.7	52.54	-	-	74	-21.46	8	333	V
	* 2.234	29.65	MAv1	31.7	-20.7	40.65	54	-13.35	-	-	8	333	V
4	* 2.827	41.99	PK2	32.5	-19.8	54.69	-	-	74	-19.31	161	173	V
	* 2.828	29.44	MAv1	32.5	-19.8	42.14	54	-11.86	-	-	161	173	V
5	* 4.874	39.12	PK2	34.2	-26.9	46.42	-	-	74	-27.58	87	269	H
	* 4.874	29.4	MAv1	34.2	-26.9	36.7	54	-17.3	-	-	87	269	H
7	* 4.874	39.82	PK2	34.2	-26.9	47.12	-	-	74	-26.88	47	387	V
	* 4.874	30.66	MAv1	34.2	-26.9	37.96	54	-16.04	-	-	47	387	V
8	* 15.946	35.04	PK2	41.1	-20.6	55.54	-	-	74	-18.46	129	117	V
	* 15.947	23.08	MAv1	41.1	-20.6	43.58	54	-10.42	-	-	129	117	V
6	9.748	38.34	PK2	36.9	-21.4	53.84	-	-	-	-	316	275	H

* - 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

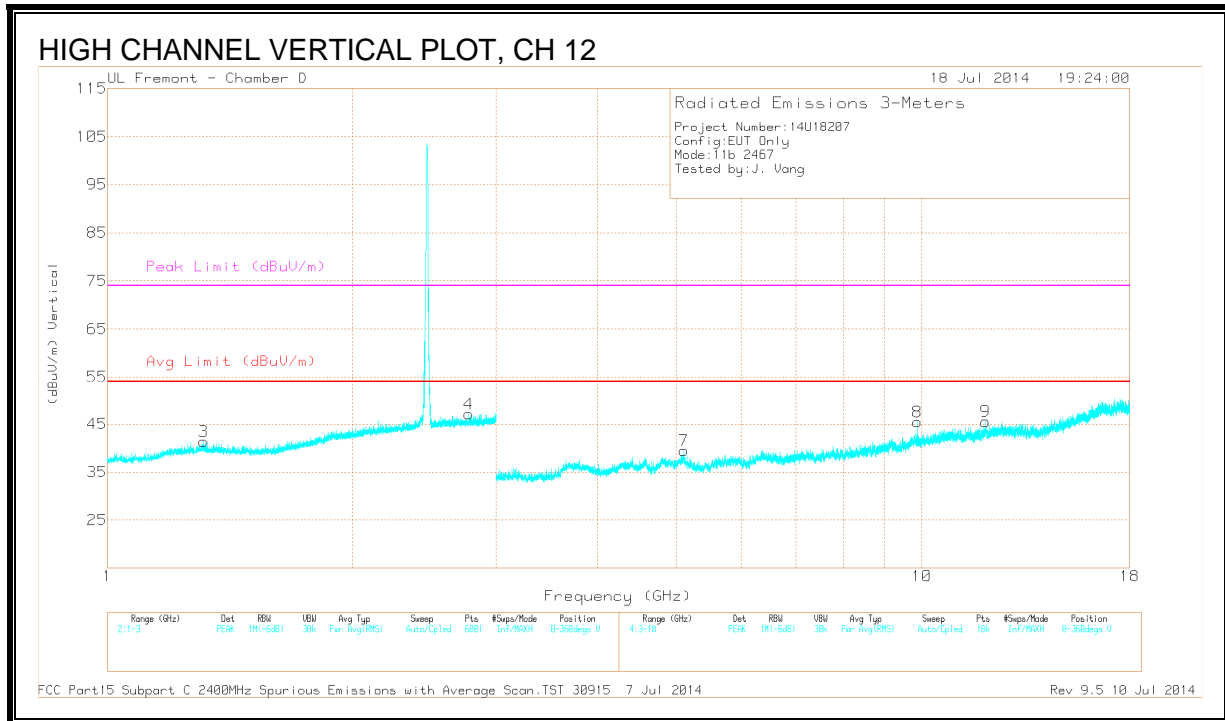
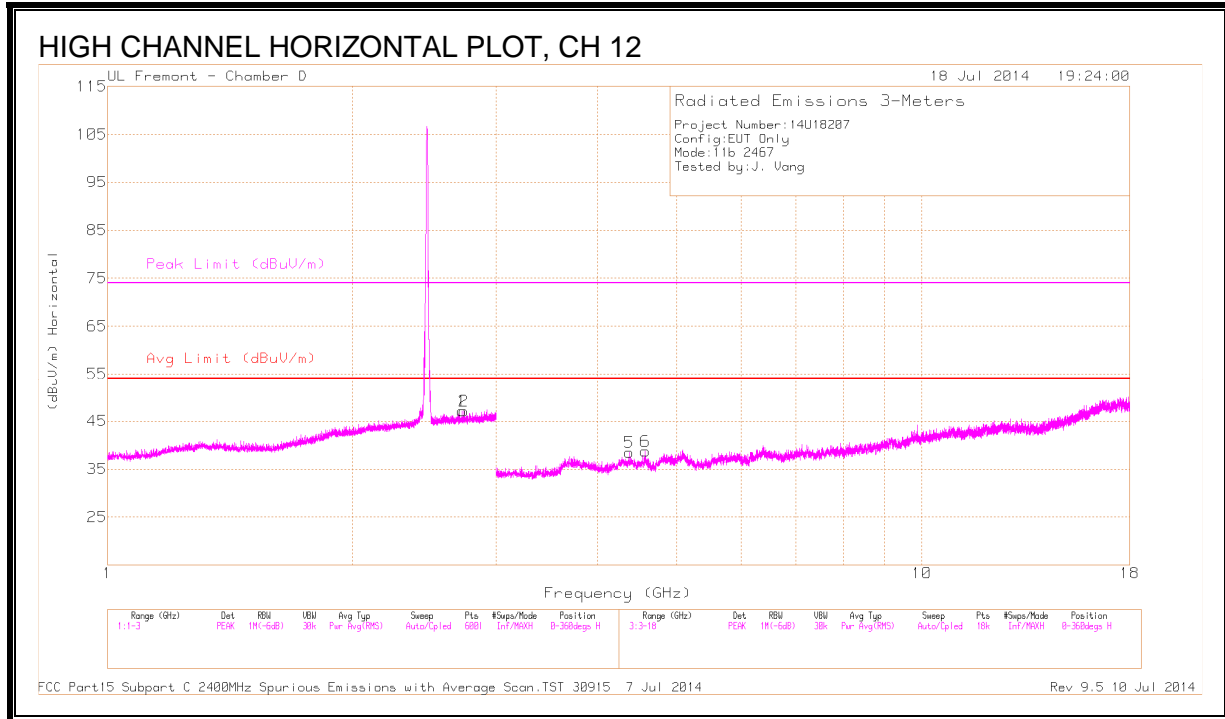
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.378	41.68	PK2	28.6	-21.8	48.48	-	-	74	-25.52	153	181	H
	* 1.378	29.81	MAv1	28.6	-21.8	36.61	54	-17.39	-	-	153	181	H
2	* 2.753	42.07	PK2	32.5	-20.2	54.37	-	-	74	-19.63	20	322	H
	* 2.753	29.7	MAv1	32.5	-20.2	42	54	-12	-	-	20	322	H
3	* 2.272	41.37	PK2	31.8	-20.7	52.47	-	-	74	-21.53	102	252	V
	* 2.273	29.66	MAv1	31.8	-20.7	40.76	54	-13.24	-	-	102	252	V
4	* 2.846	41.11	PK2	32.6	-20.1	53.61	-	-	74	-20.39	0	341	V
	* 2.847	29.47	MAv1	32.6	-20.1	41.97	54	-12.03	-	-	0	341	V
5	* 4.364	38.3	PK2	33.8	-27.9	44.2	-	-	74	-29.8	245	394	H
	* 4.365	26.62	MAv1	33.8	-27.9	32.52	54	-21.48	-	-	245	394	H
6	* 8.189	36.08	PK2	35.8	-24.4	47.48	-	-	74	-26.52	277	176	H
	* 8.189	24.31	MAv1	35.8	-24.4	35.71	54	-18.29	-	-	277	176	H
7	* 9.13	34.95	PK2	36.3	-21.7	49.55	-	-	74	-24.45	269	181	V
	* 9.13	23.01	MAv1	36.3	-21.7	37.61	54	-16.39	-	-	269	181	V
8	9.848	32.08	PK	37	-21.1	47.98	-	-	-	-	0-360	201	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, 2467MHZ, HARMONICS AND SPURIOUS EMISSIONS



DATA

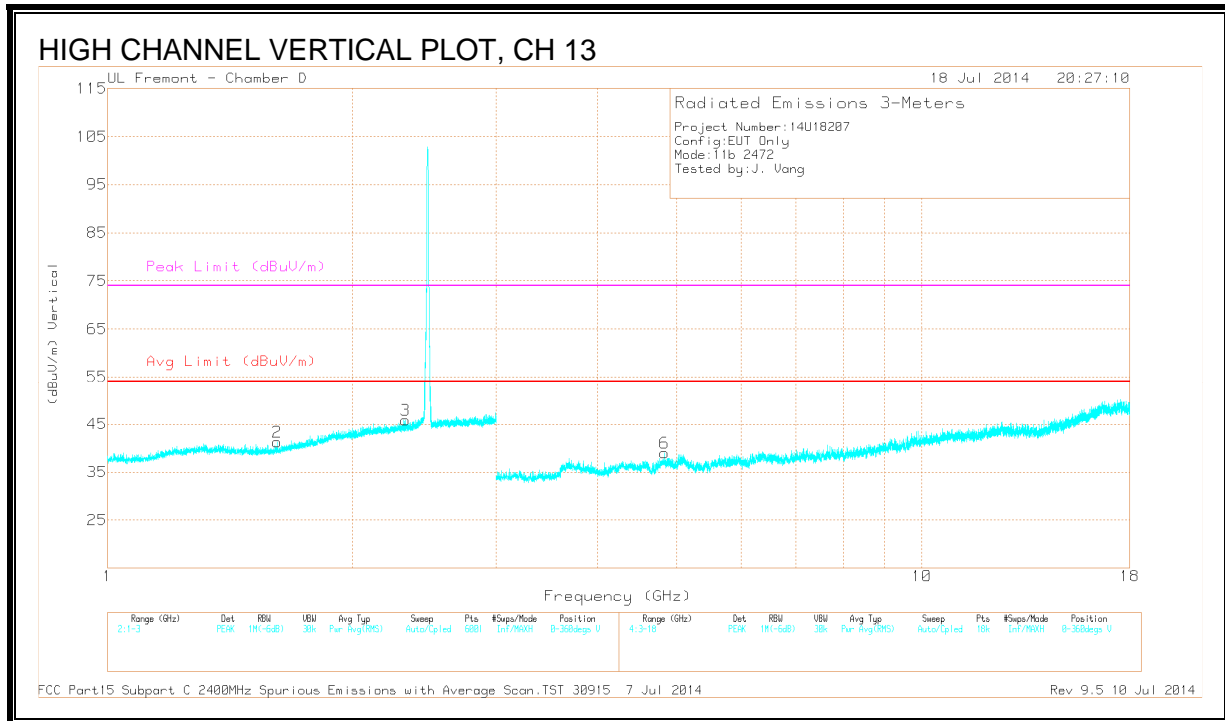
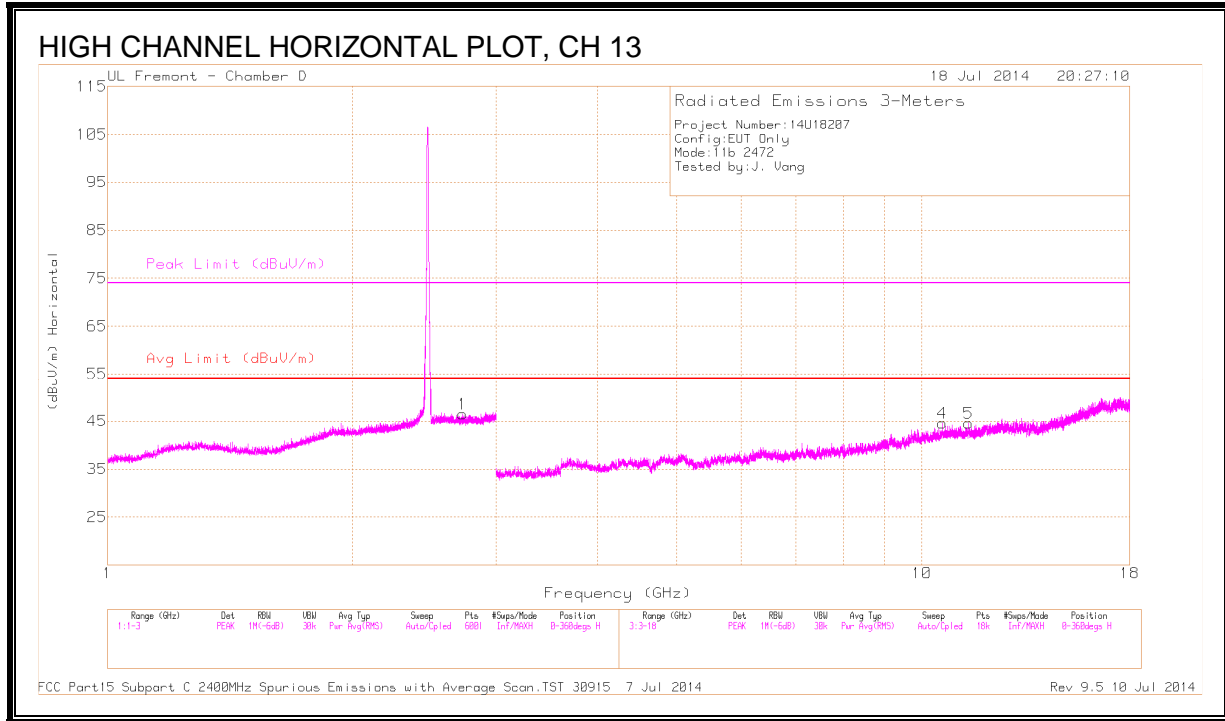
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.722	41.67	PK2	32.4	-20.4	53.67	-	-	74	-20.33	38	311	H
	* 2.723	29.7	MAv1	32.4	-20.4	41.7	54	-12.3	-	-	38	311	H
2	* 2.738	41.41	PK2	32.4	-20.2	53.61	-	-	74	-20.39	17	375	H
	* 2.738	29.7	MAv1	32.4	-20.2	41.9	54	-12.1	-	-	17	375	H
3	* 1.313	41.95	PK2	28.8	-21.9	48.85	-	-	74	-25.15	148	185	V
	* 1.313	29.9	MAv1	28.8	-21.9	36.8	54	-17.2	-	-	148	185	V
4	* 2.779	41.34	PK2	32.5	-20.1	53.74	-	-	74	-20.26	151	156	V
	* 2.779	29.61	MAv1	32.5	-20.1	42.01	54	-11.99	-	-	151	156	V
5	* 4.371	38.08	PK2	33.8	-27.9	43.98	-	-	74	-30.02	182	117	H
	* 4.373	26.49	MAv1	33.8	-27.9	32.39	54	-21.61	-	-	182	117	H
6	* 4.575	38.08	PK2	34	-26.5	45.58	-	-	74	-28.42	90	365	H
	* 4.576	26.11	MAv1	34.1	-26.5	33.71	54	-20.29	-	-	90	365	H
7	* 5.1	38.11	PK2	34.3	-26	46.41	-	-	74	-27.59	159	385	V
	* 5.101	26.13	MAv1	34.3	-26.1	34.33	54	-19.67	-	-	159	385	V
9	* 11.978	35.53	PK2	38.7	-20.7	53.53	-	-	74	-20.47	162	184	V
	* 11.979	22.89	MAv1	38.7	-20.7	40.89	54	-13.11	-	-	162	184	V
8	9.868	29.63	PK	37.1	-21.3	45.43	-	-	-	-	0-360	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, 2472MHZ, HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/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	* 2.728	42.1	PK2	32.4	-20.2	54.3	-	-	74	-19.7	336	341	H
	* 2.727	29.73	MAv1	32.4	-20.3	41.83	54	-12.17	-	-	336	341	H
2	* 1.615	41.71	PK2	28.3	-21.7	48.31	-	-	74	-25.69	214	202	V
	* 1.614	29.72	MAv1	28.3	-21.7	36.32	54	-17.68	-	-	214	202	V
3	* 2.321	41.31	PK2	31.9	-20.7	52.51	-	-	74	-21.49	293	261	V
	* 2.32	29.73	MAv1	31.9	-20.7	40.93	54	-13.07	-	-	293	261	V
5	* 11.407	34.66	PK2	38.1	-20.9	51.86	-	-	74	-22.14	190	211	H
	* 11.407	22.75	MAv1	38.1	-20.9	39.95	54	-14.05	-	-	190	211	H
6	* 4.828	37.71	PK2	34.2	-26.7	45.21	-	-	74	-28.79	117	108	V
	* 4.829	25.84	MAv1	34.2	-26.7	33.34	54	-20.66	-	-	117	108	V
4	10.59	27.27	PK	37.8	-20.5	44.57	-	-	-	-	0-360	100	H

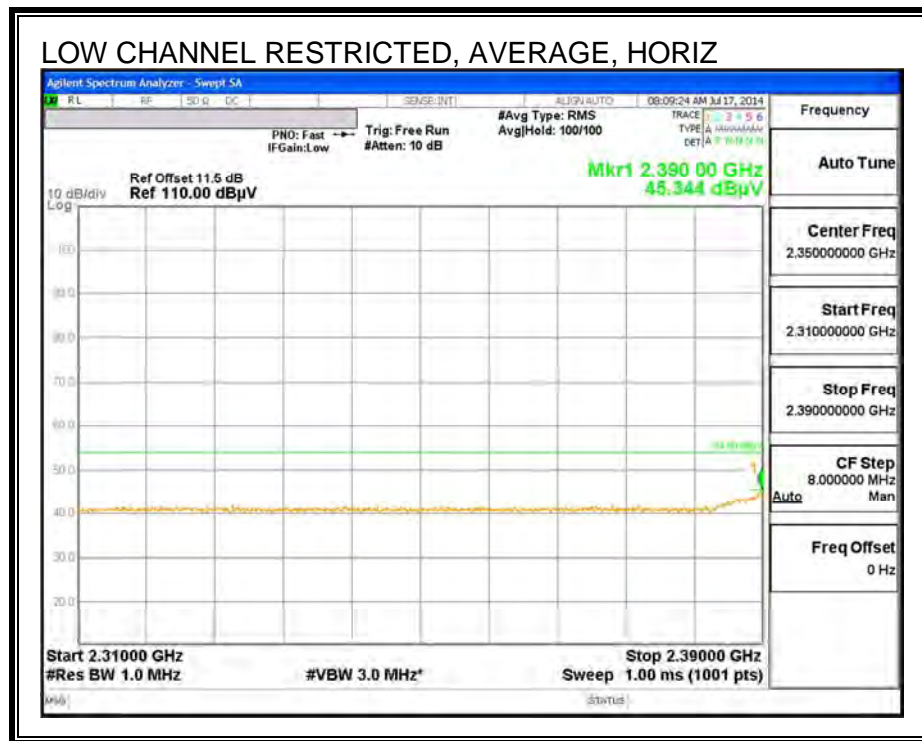
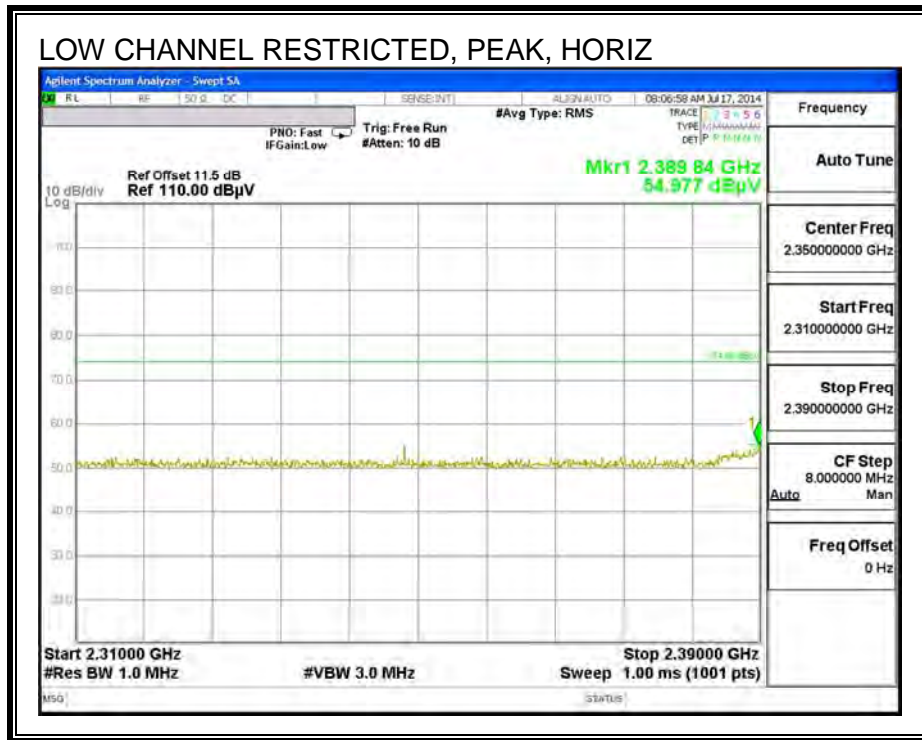
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

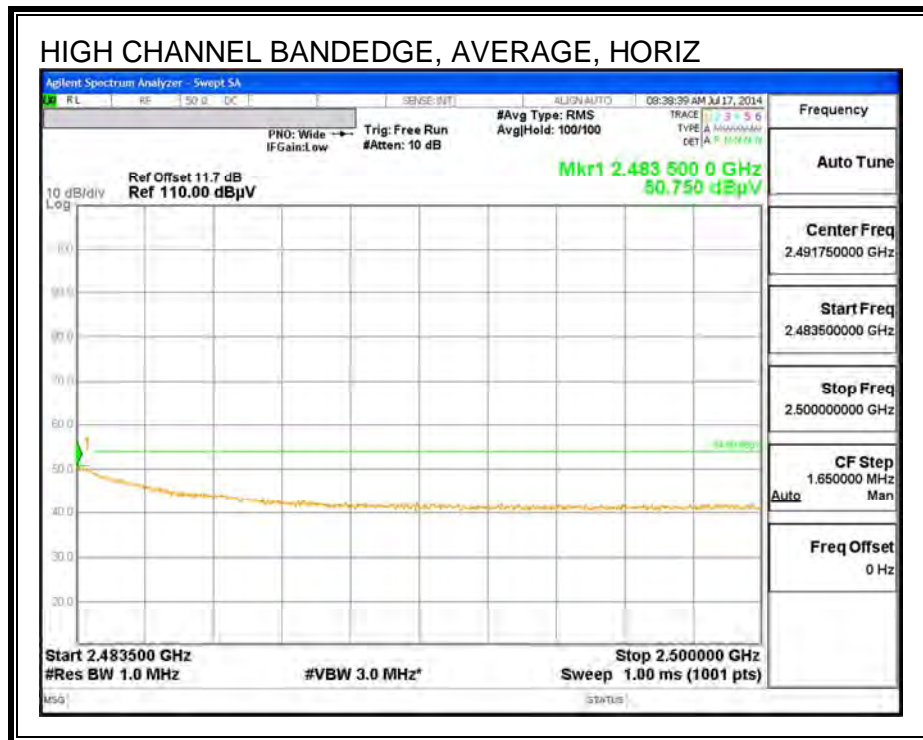
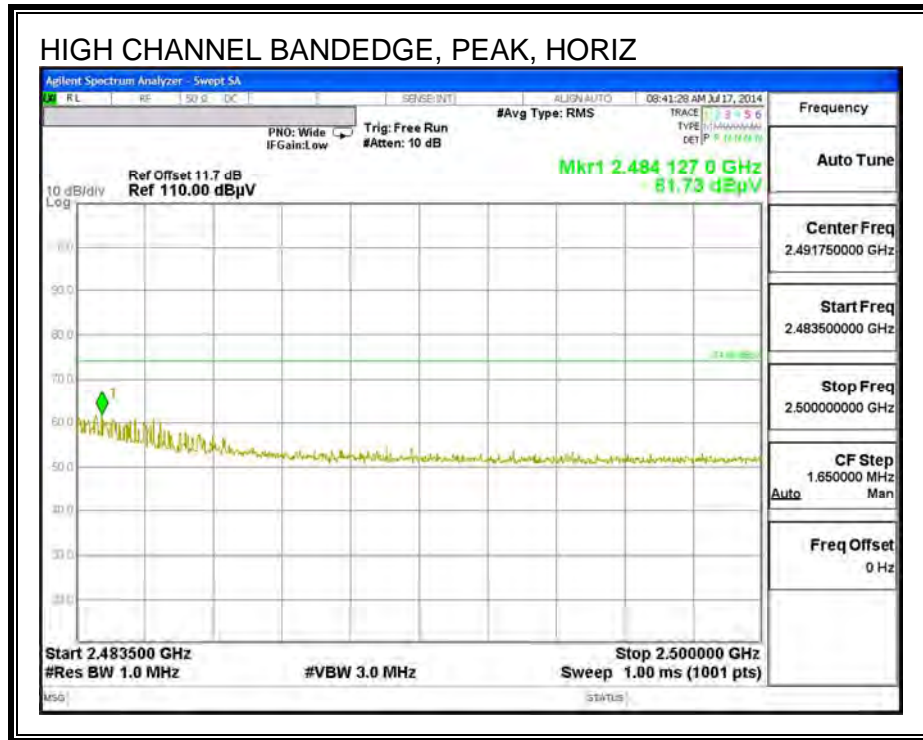
MAv1 - KDB558074 Option 1 Maximum RMS Average

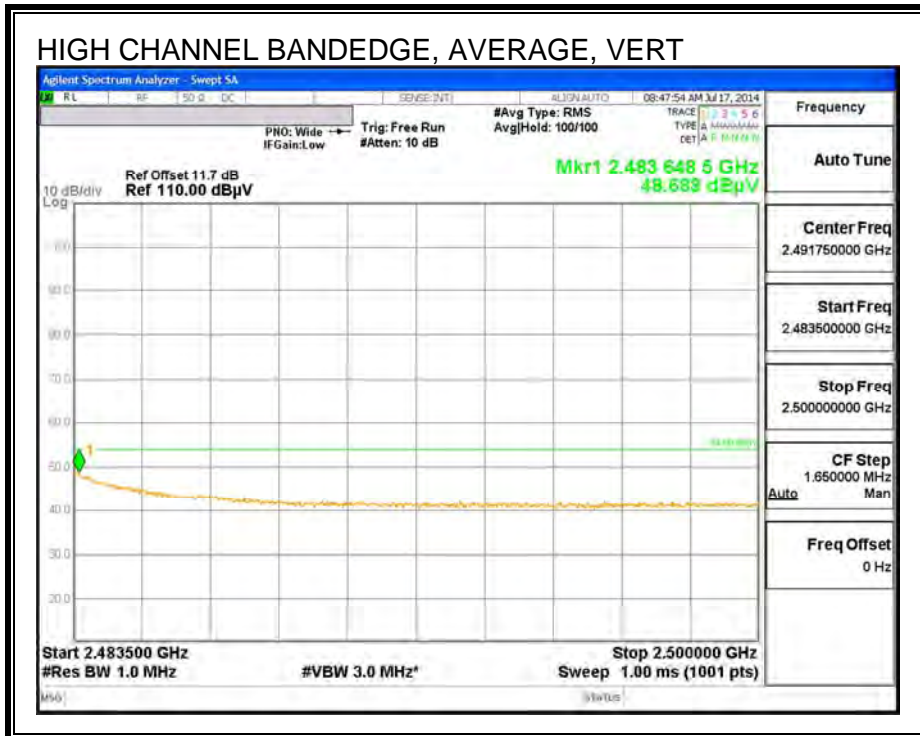
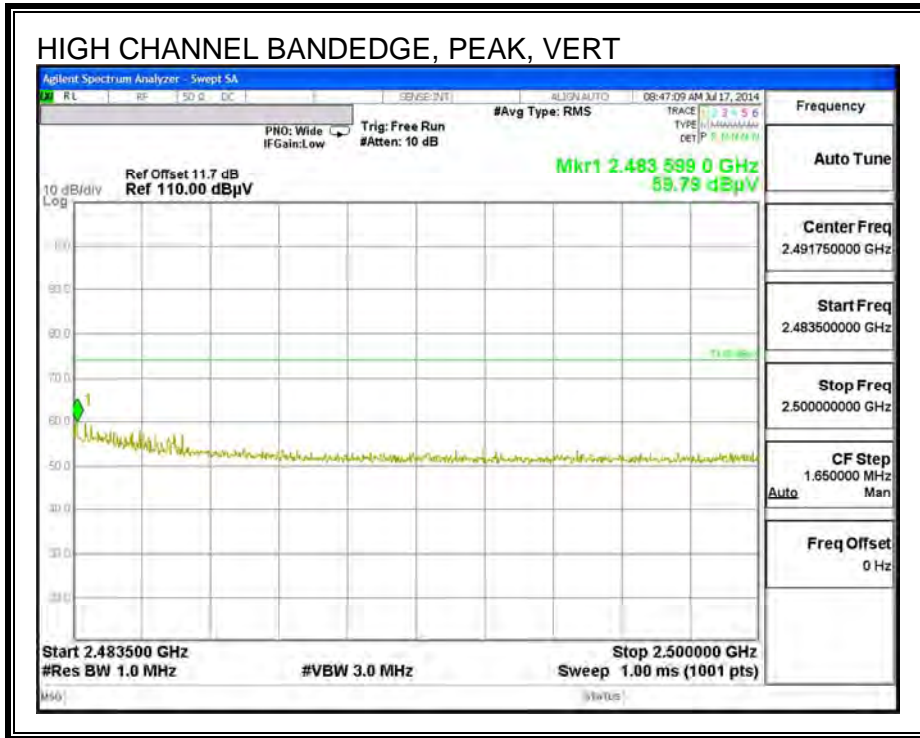
10.2.2.802.11b 1Tx SISO ANTENNA A ANTENNA MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL, CHANNEL 1)

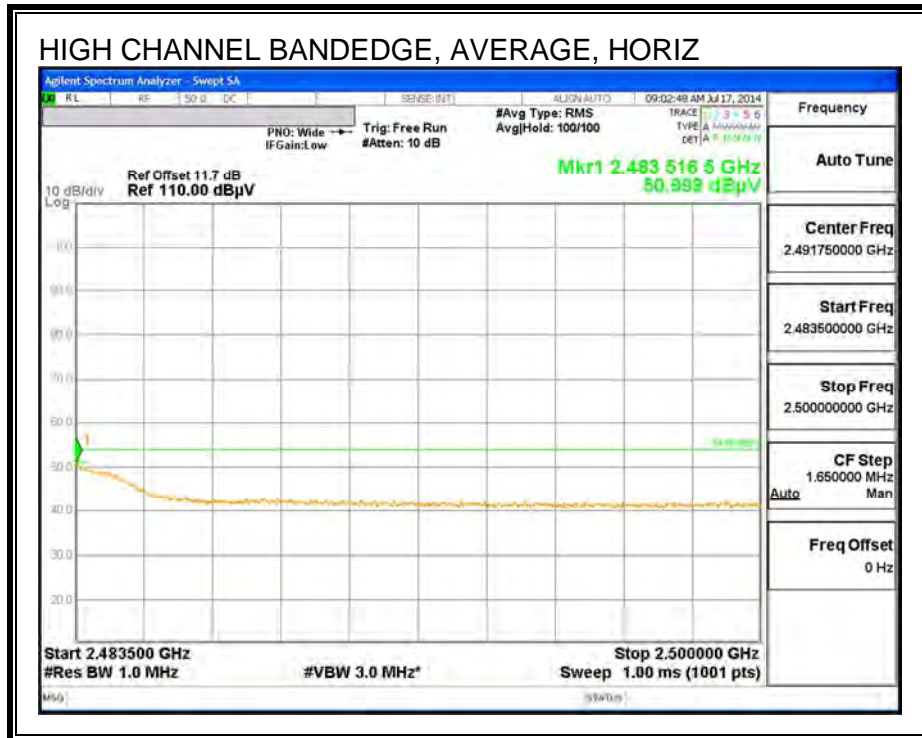
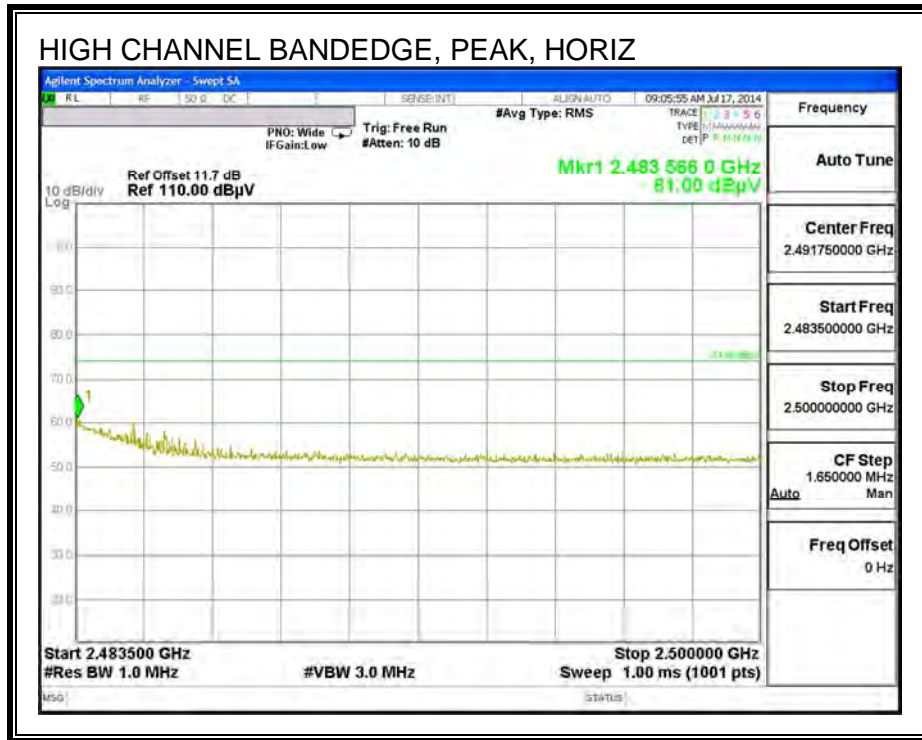


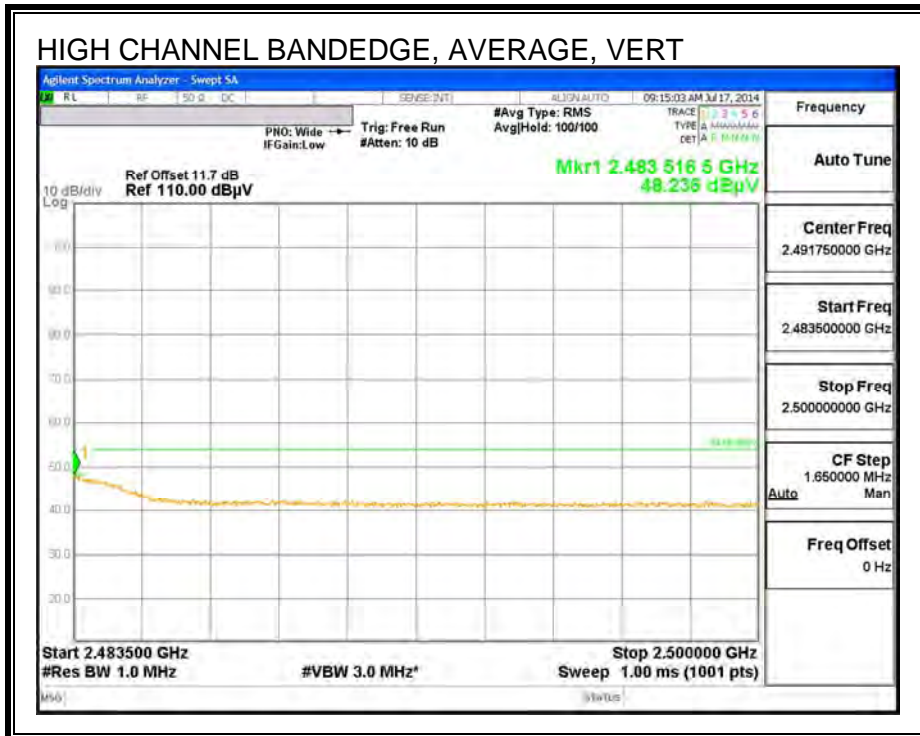
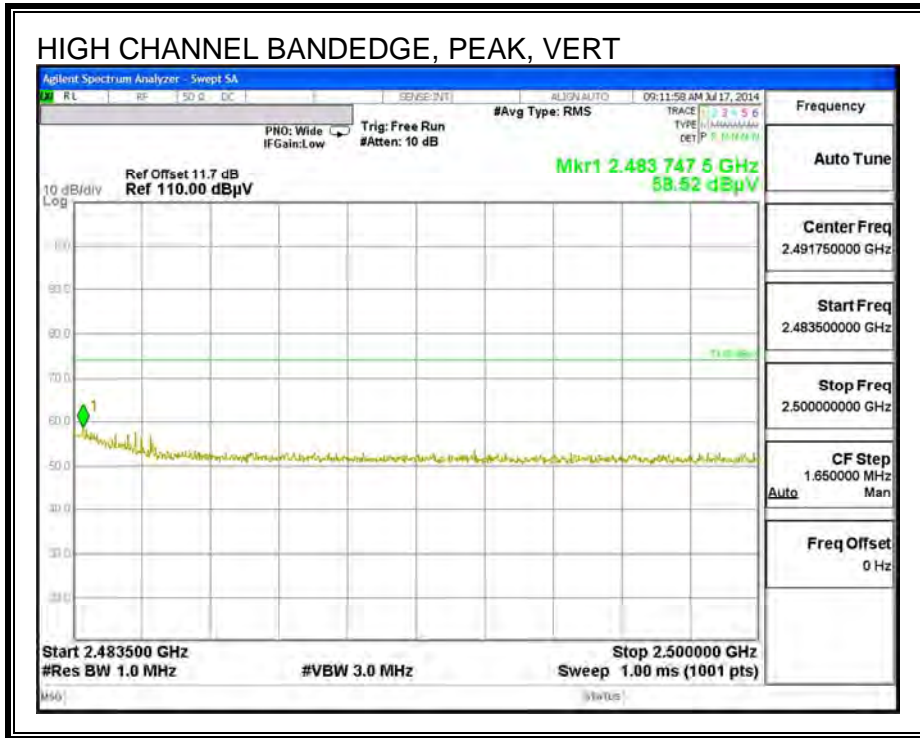
RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 11)



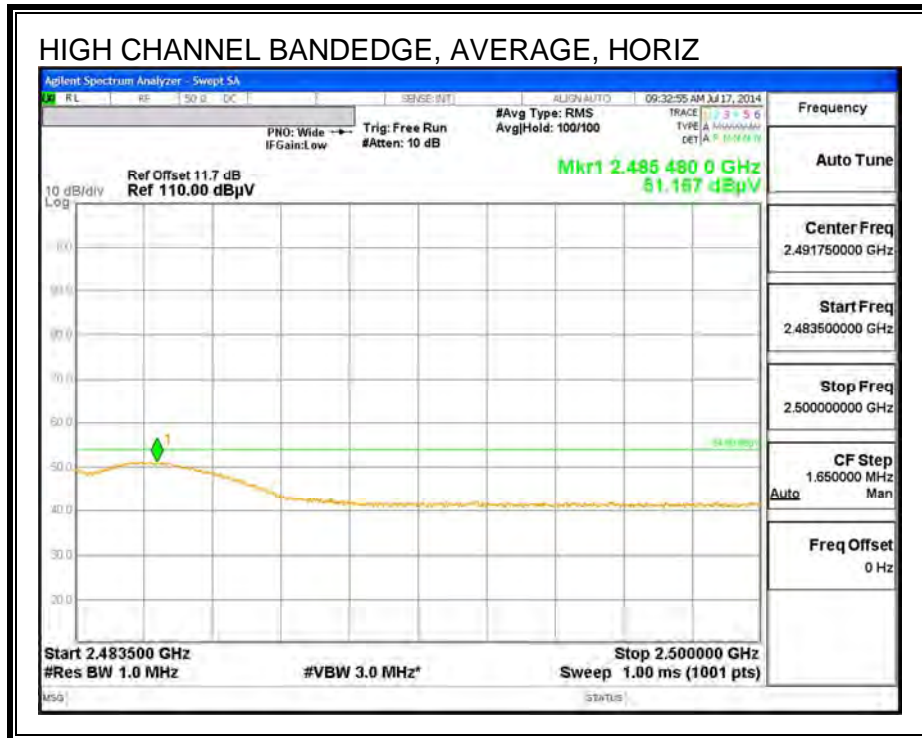
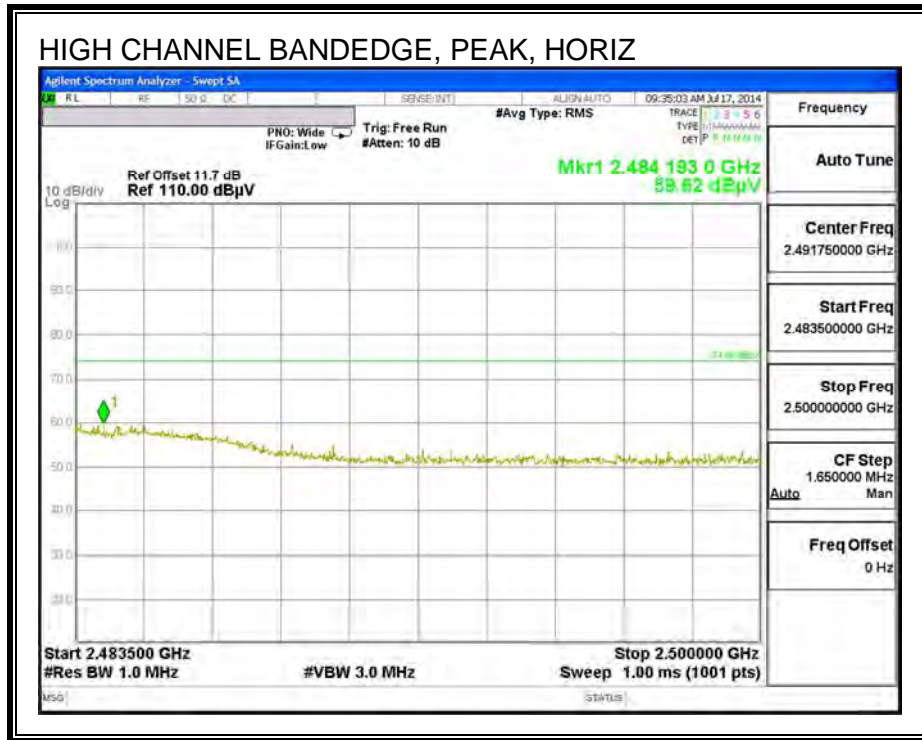


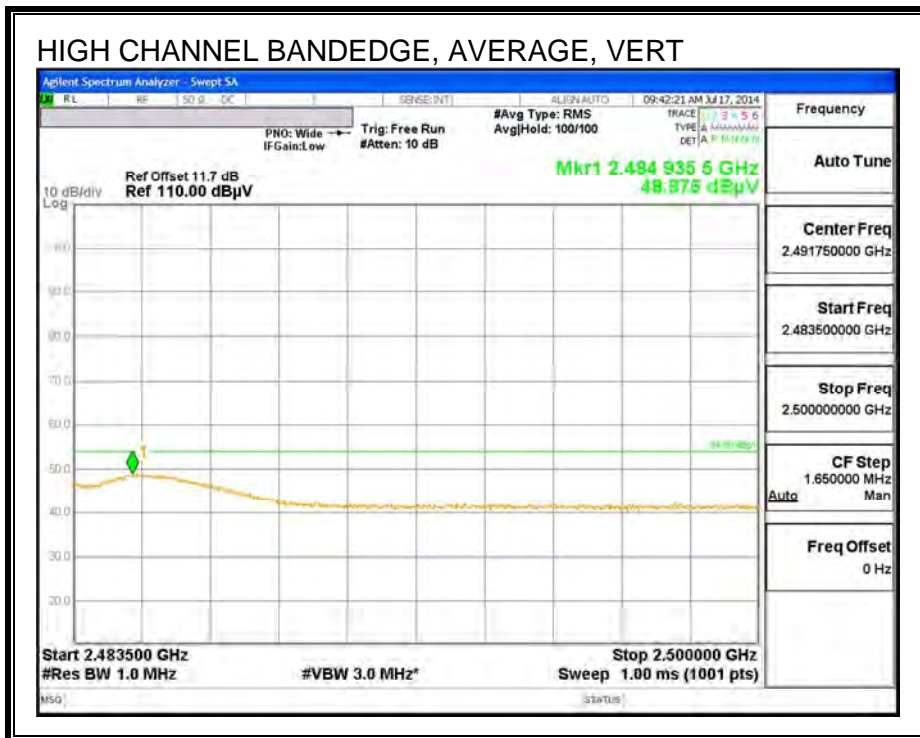
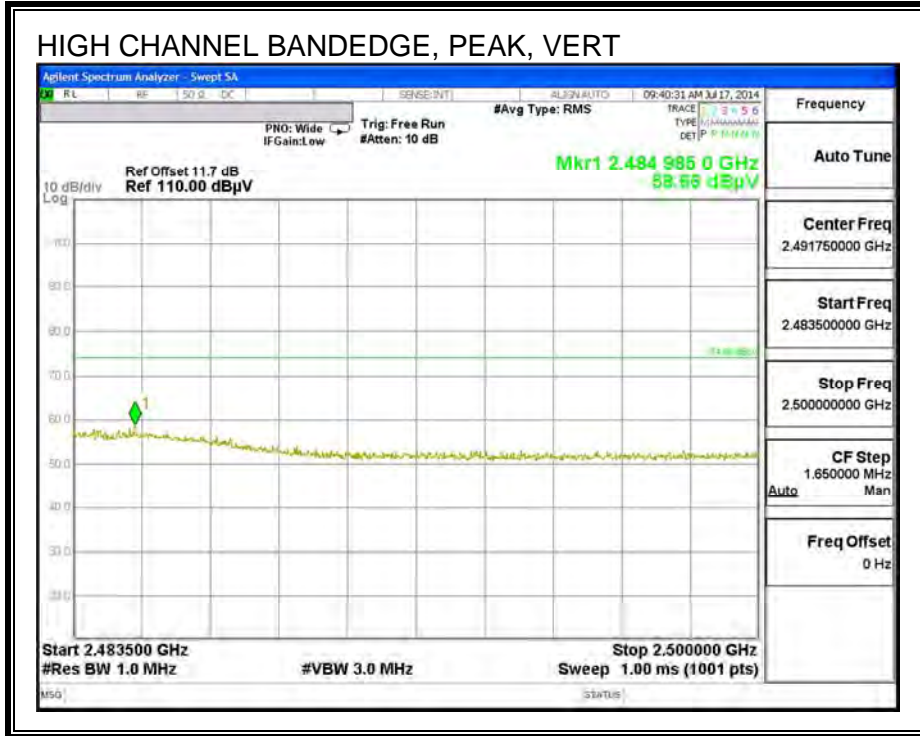
RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 12)



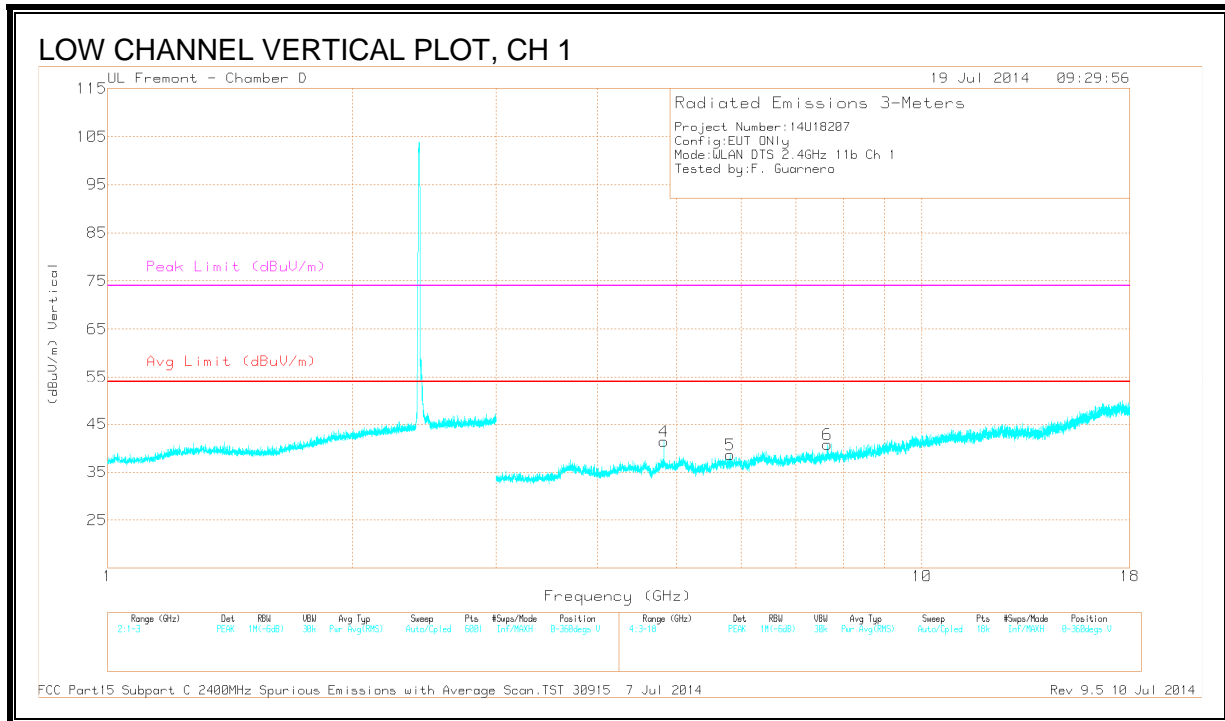
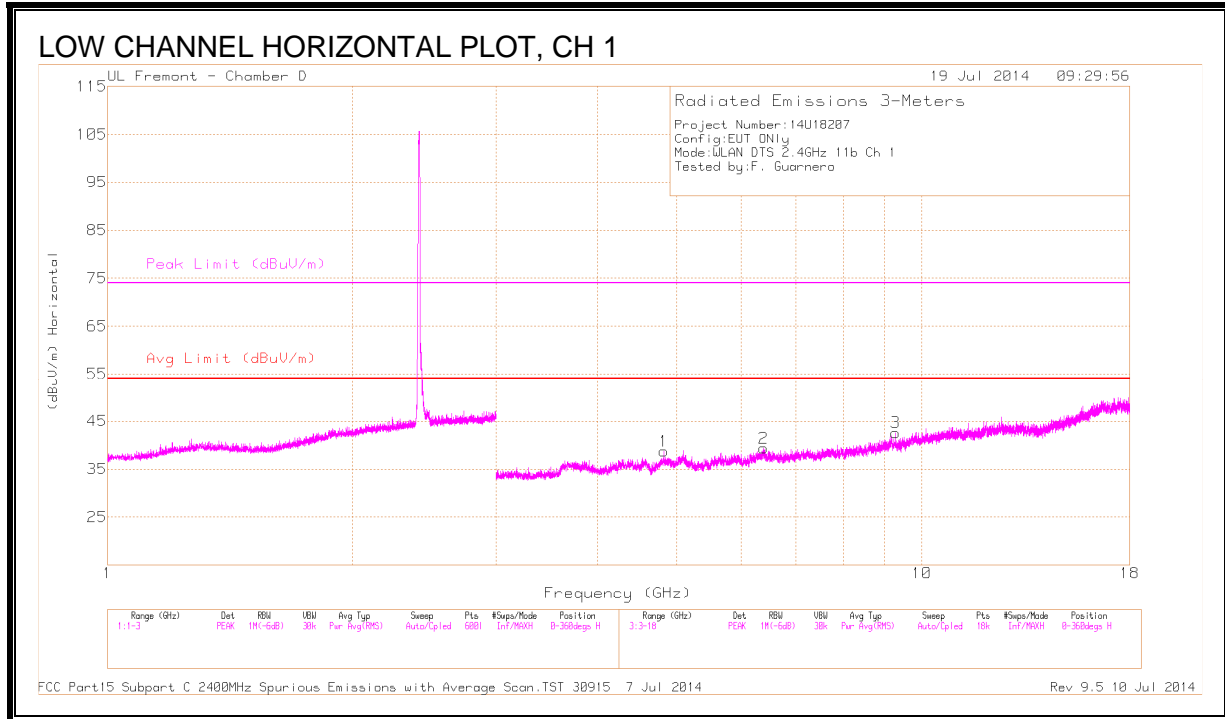


RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 13)





LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

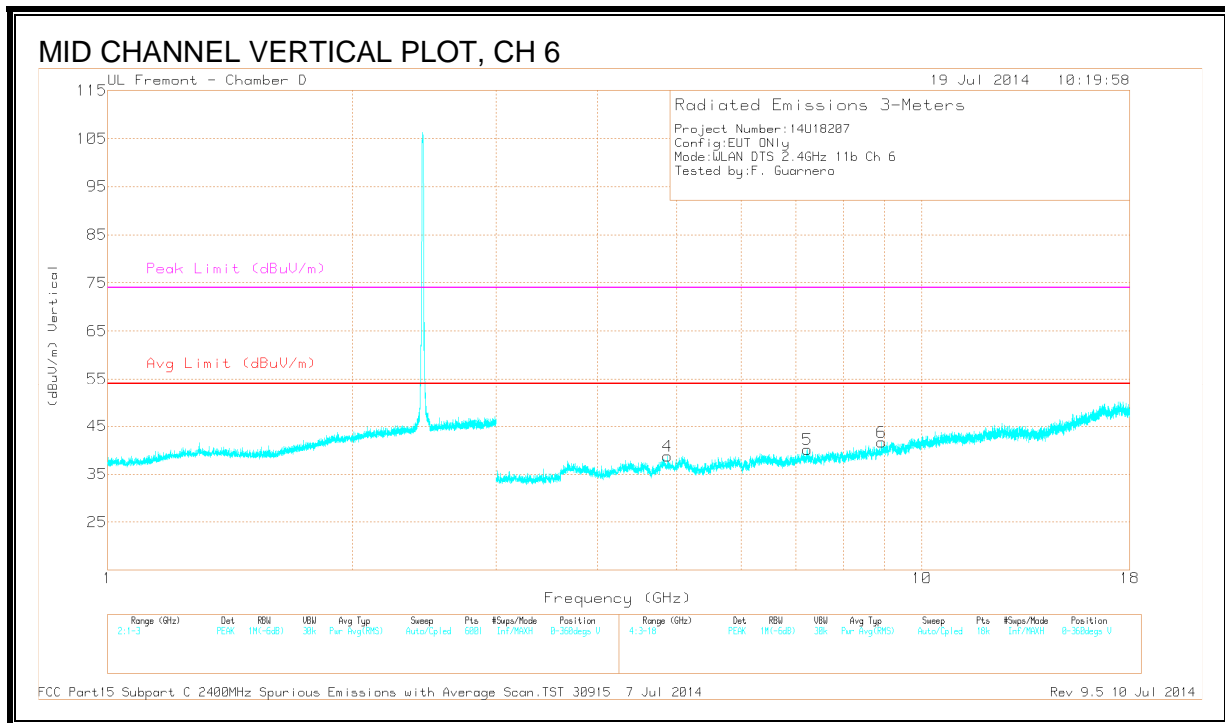
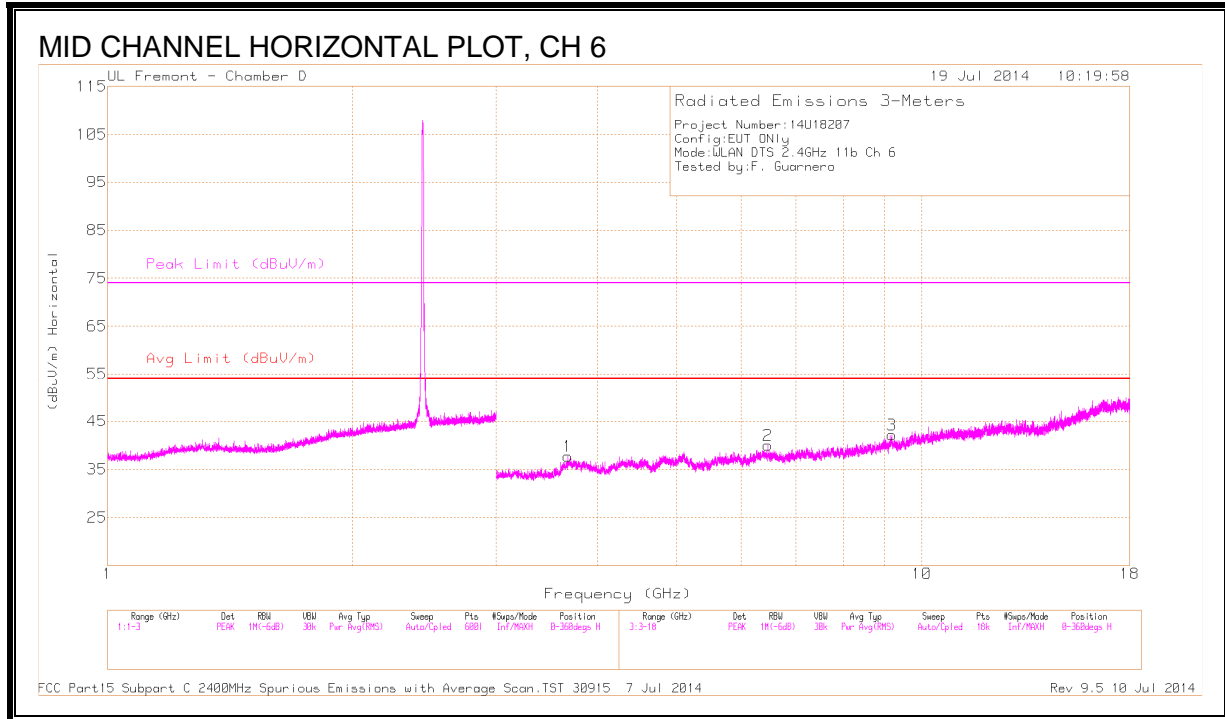
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.824	38.66	PK2	34.2	-26.7	46.16	-	-	74	-27.84	199	208	H
	* 4.824	28.85	MAv1	34.2	-26.7	36.35	54	-17.65	-	-	199	208	H
4	* 4.824	39.42	PK2	34.2	-26.7	46.92	-	-	74	-27.08	196	199	V
	* 4.824	30.6	MAv1	34.2	-26.7	38.1	54	-15.9	-	-	196	199	V
6	* 7.651	35.98	PK2	35.7	-24.6	47.08	-	-	74	-26.92	316	199	V
	* 7.649	24.6	MAv1	35.7	-24.7	35.6	54	-18.4	-	-	316	199	V
5	5.812	37.51	PK2	34.9	-27	45.41	-	-	-	-	258	199	V
2	6.388	37.01	PK2	35.6	-26	46.61	-	-	-	-	245	294	H
3	9.276	34.38	PK2	36.4	-22.1	48.68	-	-	-	-	250	288	H

* - 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



DATA

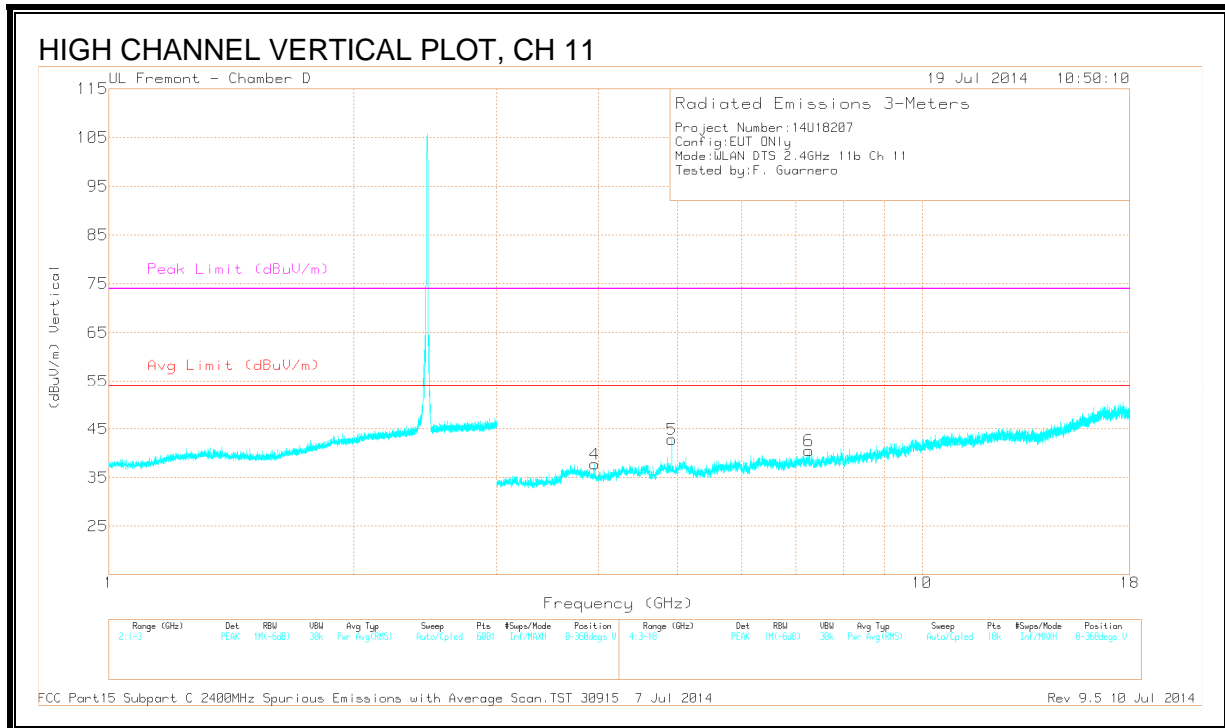
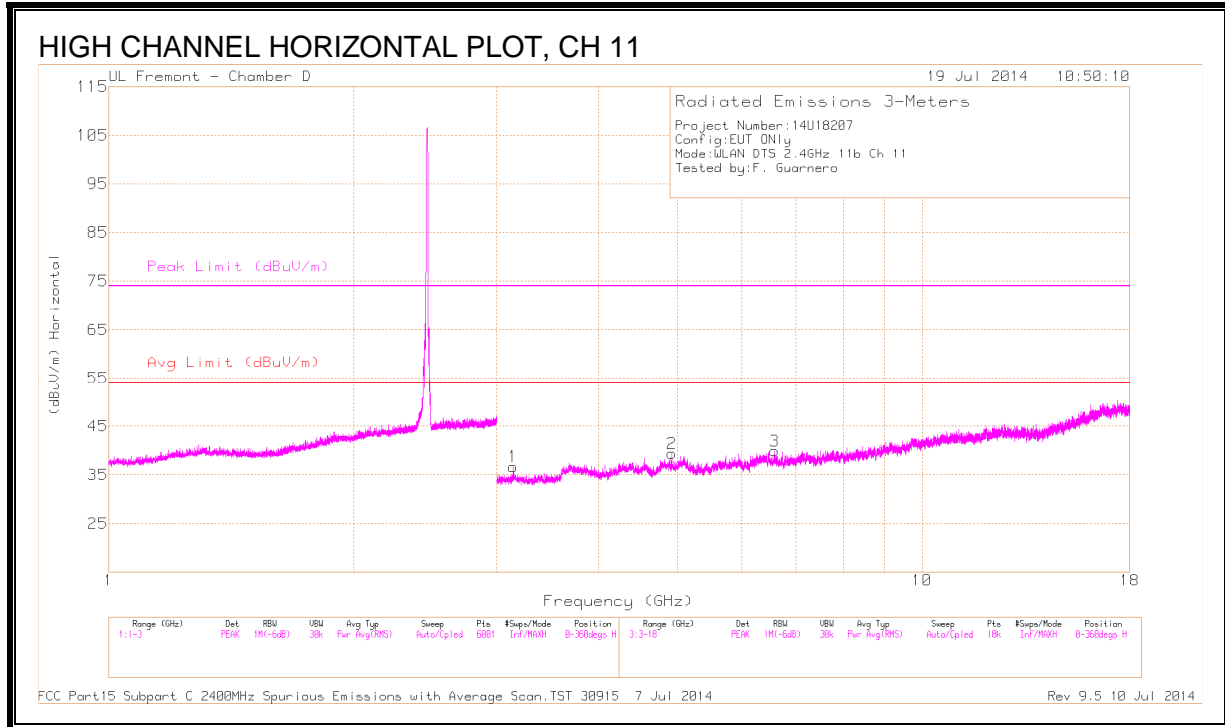
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT344 (dB/m)	Amp/Cb/ Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.674	42.96	PK2	33.3	-28.1	48.16	-	-	74	-25.84	301	223	H
	* 3.673	31.71	MAv1	33.3	-28.1	36.91	54	-17.09	-	-	301	223	H
2	* 9.184	40.02	PK2	36.3	-21.2	55.12	-	-	74	-18.88	310	234	H
	* 9.183	29.23	MAv1	36.3	-21.2	44.33	54	-9.67	-	-	310	234	H
3	* 4.873	41.33	PK2	34.2	-26.9	48.63	-	-	74	-25.37	272	349	V
	* 4.874	30.52	MAv1	34.2	-26.9	37.82	54	-16.18	-	-	272	349	V
4	6.468	40.38	PK2	35.6	-26.3	49.68	-	-	-	-	297	223	H
5	7.23	41.23	PK2	35.7	-25	51.93	-	-	-	-	265	342	V
6	8.927	40.85	PK2	36.1	-23.2	53.75	-	-	-	-	269	346	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

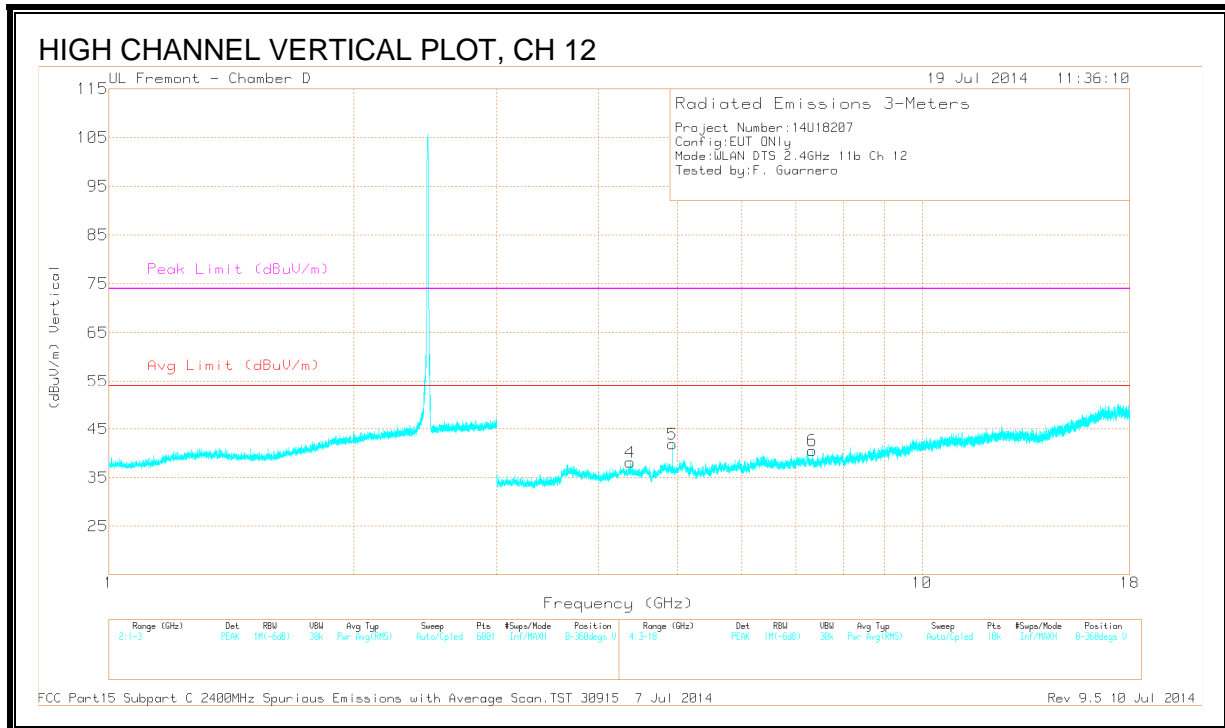
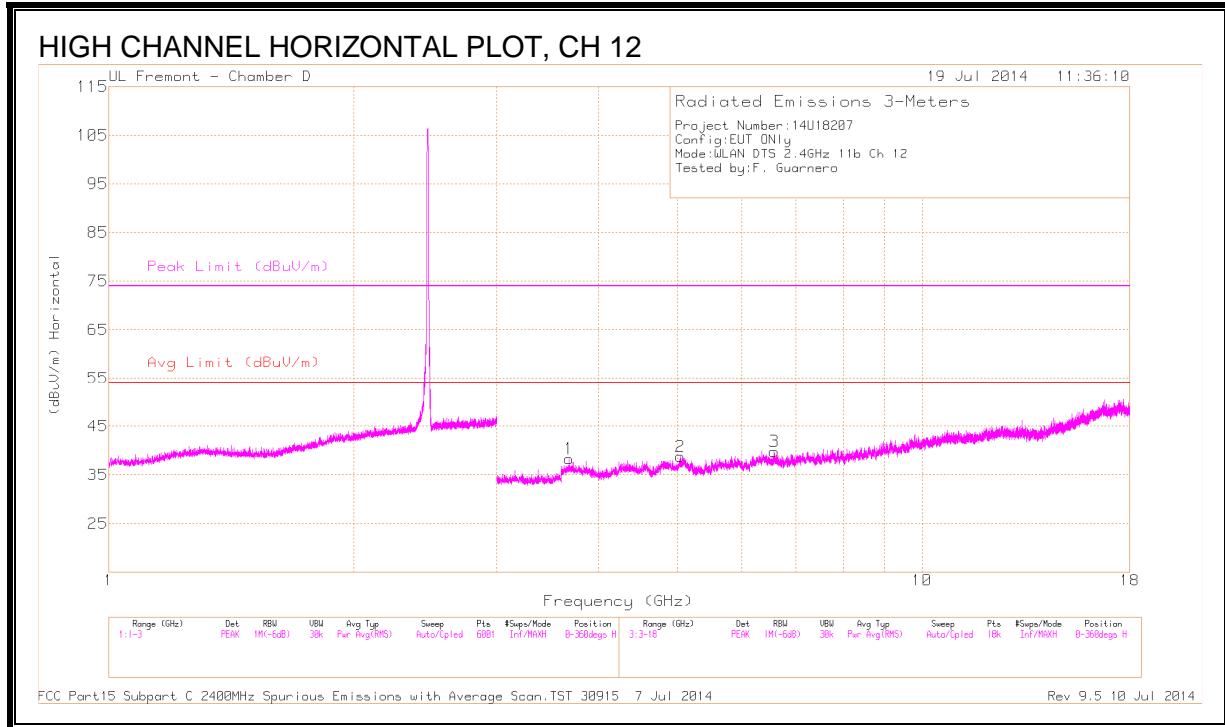
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.924	41.8	PK2	34.2	-27.8	48.2	-	-	74	-25.8	342	339	H
	* 4.924	30.62	MAv1	34.2	-27.8	37.02	54	-16.98	-	-	342	339	H
4	* 3.96	42.57	PK2	33.4	-28.2	47.77	-	-	74	-26.23	120	162	V
	* 3.958	30.85	MAv1	33.4	-28.2	36.05	54	-17.95	-	-	120	162	V
5	* 4.924	41.65	PK2	34.2	-27.8	48.05	-	-	74	-25.95	208	217	V
	* 4.924	36.31	MAv1	34.2	-27.8	42.71	54	-11.29	-	-	208	217	V
6	* 7.255	36.77	PK2	35.7	-25.1	47.37	-	-	74	-26.63	267	229	V
	* 7.257	24.7	MAv1	35.7	-25.1	35.3	54	-18.7	-	-	267	229	V
1	3.143	41.94	PK2	32.8	-28.2	46.54	-	-	-	-	347	363	H
3	6.584	41.18	PK2	35.6	-25.5	51.28	-	-	-	-	336	335	H

* - 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, 2467MHZ, HARMONICS AND SPURIOUS EMISSIONS



DATA

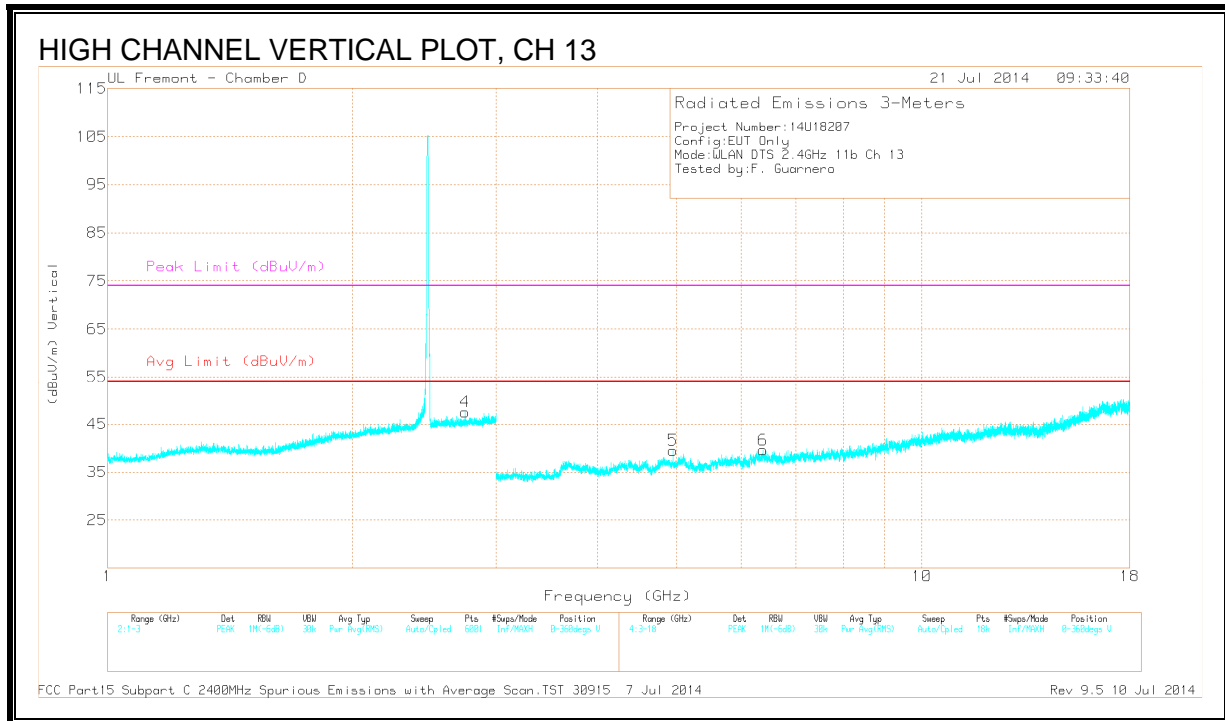
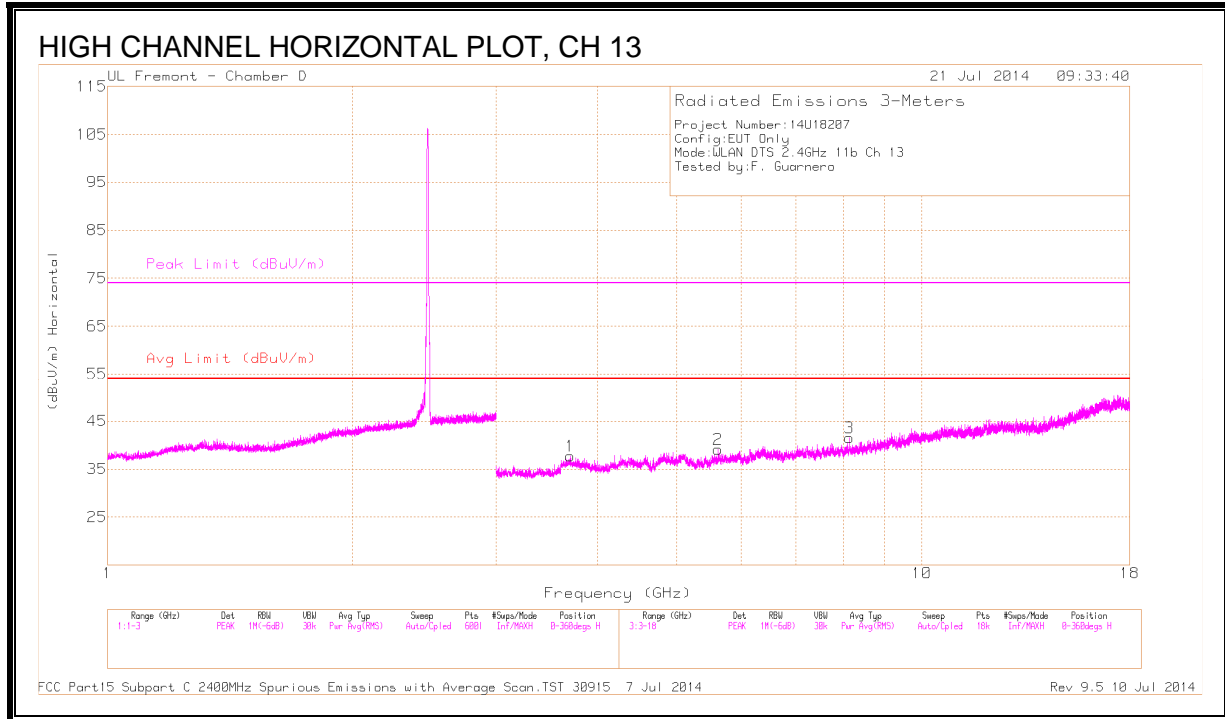
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.679	43.55	PK2	33.3	-28.1	48.75	-	-	74	-25.25	360	100	H
	* 3.679	31.83	MAv1	33.3	-28.1	37.03	54	-16.97	-	-	360	100	H
2	* 5.043	42.14	PK2	34.3	-27	49.44	-	-	74	-24.56	347	191	H
	* 5.043	31.38	MAv1	34.3	-27	38.68	54	-15.32	-	-	347	191	H
4	* 4.377	42.23	PK2	33.8	-27.9	48.13	-	-	74	-25.87	236	293	V
	* 4.375	30.78	MAv1	33.8	-27.9	36.68	54	-17.32	-	-	236	293	V
5	* 4.934	42.31	PK2	34.2	-28	48.51	-	-	74	-25.49	198	216	V
	* 4.934	35.66	MAv1	34.2	-28	41.86	54	-12.14	-	-	198	216	V
6	* 7.331	36.39	PK2	35.7	-25.1	46.99	-	-	74	-27.01	198	120	V
	* 7.331	24.91	MAv1	35.7	-25.1	35.51	54	-18.49	-	-	198	120	V
3	6.579	40.38	PK2	35.6	-25.5	50.48	-	-	-	-	327	215	H

* - 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



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.746	41.61	PK2	32.4	-20.2	53.81	-	-	74	-20.19	220	201	V
	* 2.747	29.79	MAv1	32.4	-20.2	41.99	54	-12.01	-	-	220	201	V
1	* 3.704	38.32	PK2	33.2	-27.9	43.62	-	-	74	-30.38	319	244	H
	* 3.706	26.75	MAv1	33.2	-27.9	32.05	54	-21.95	-	-	319	244	H
3	* 8.144	35.24	PK2	35.8	-23.6	47.44	-	-	74	-26.56	47	201	H
	* 8.143	24.28	MAv1	35.8	-23.7	36.38	54	-17.62	-	-	47	201	H
5	* 4.944	40.74	PK2	34.2	-28.1	46.84	-	-	74	-27.16	207	239	V
	* 4.944	33.07	MAv1	34.2	-28.1	39.17	54	-14.83	-	-	207	239	V
2	5.621	37.04	PK2	34.6	-26.8	44.84	-	-	-	-	126	280	H
6	6.384	37.61	PK2	35.6	-26	47.21	-	-	-	-	207	239	V

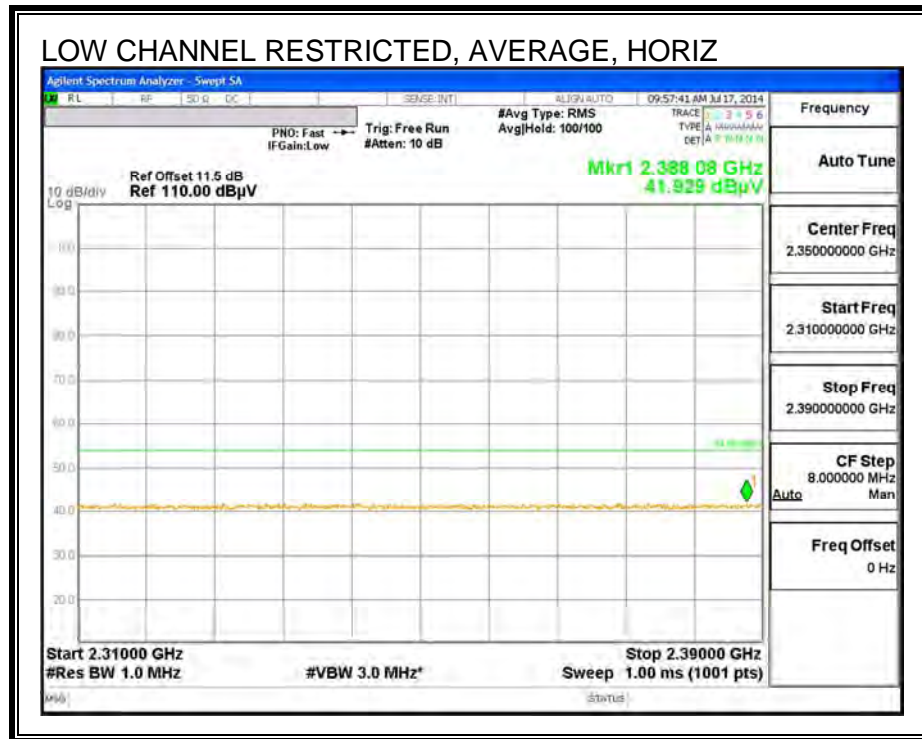
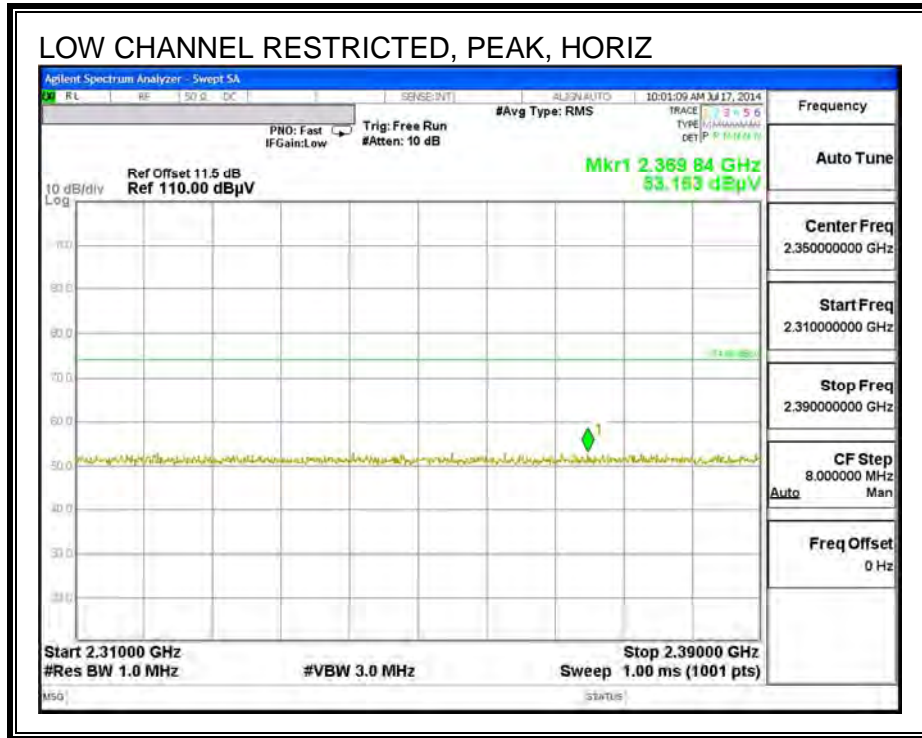
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

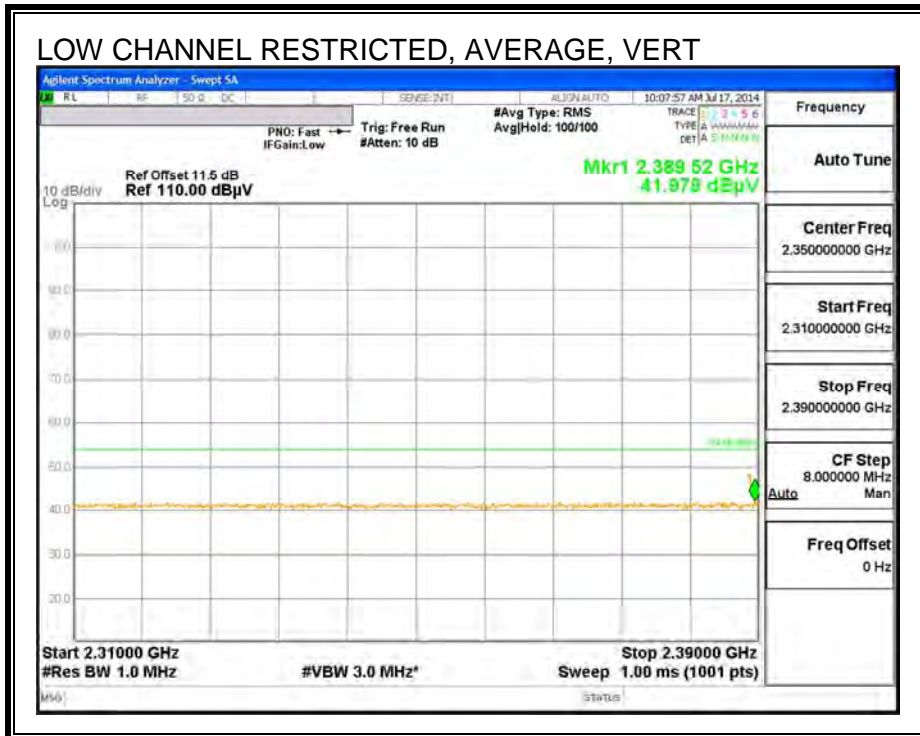
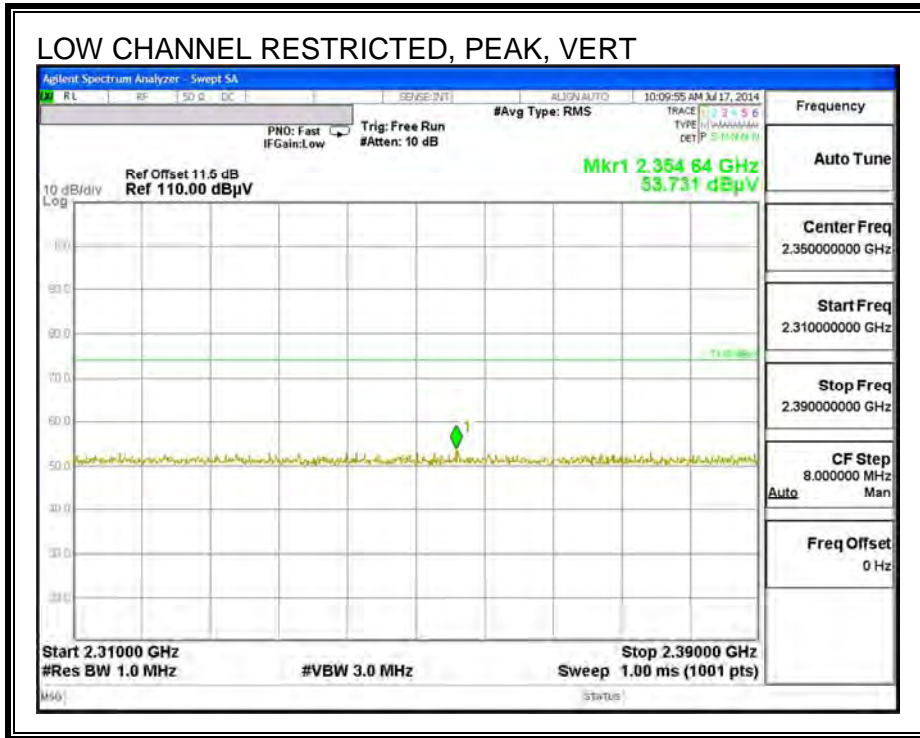
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

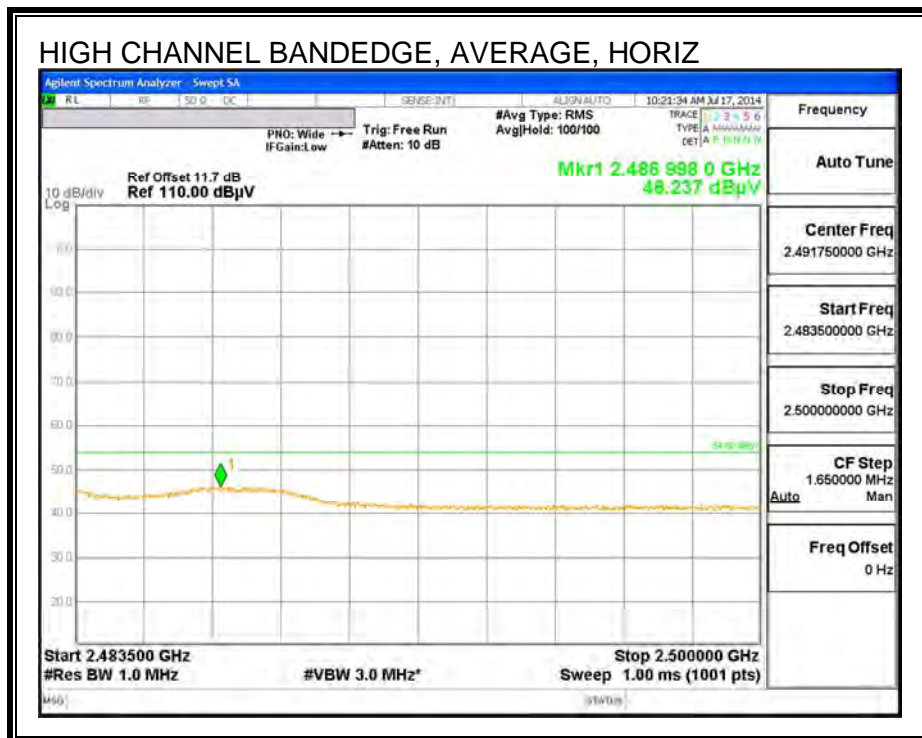
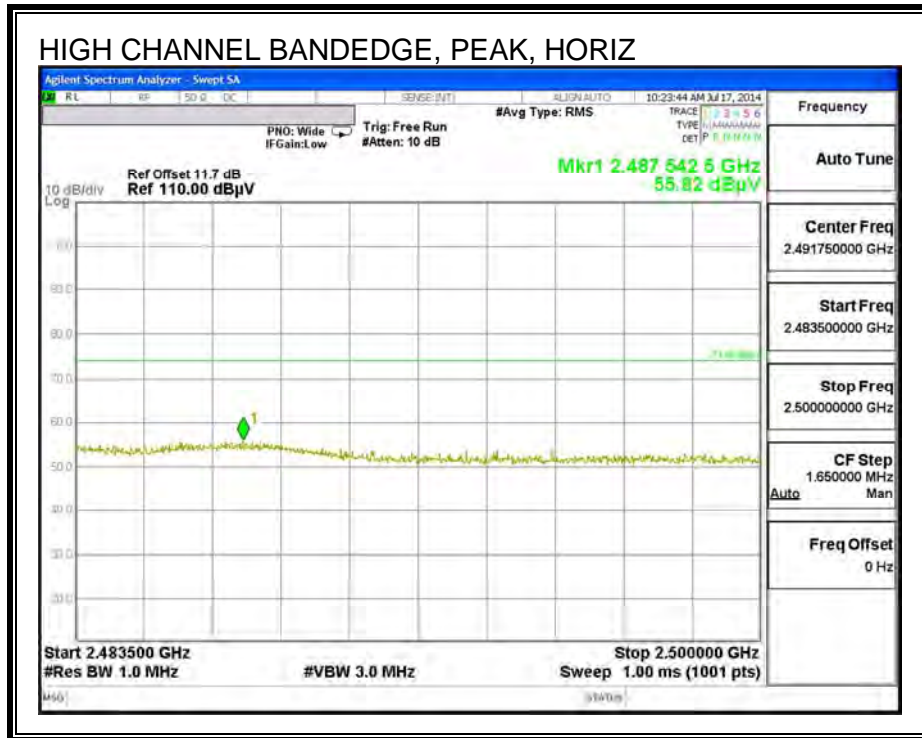
10.2.3.802.11b 1Tx SISO ANTENNA B ANTENNA MODE IN THE 2.4 GHz BAND

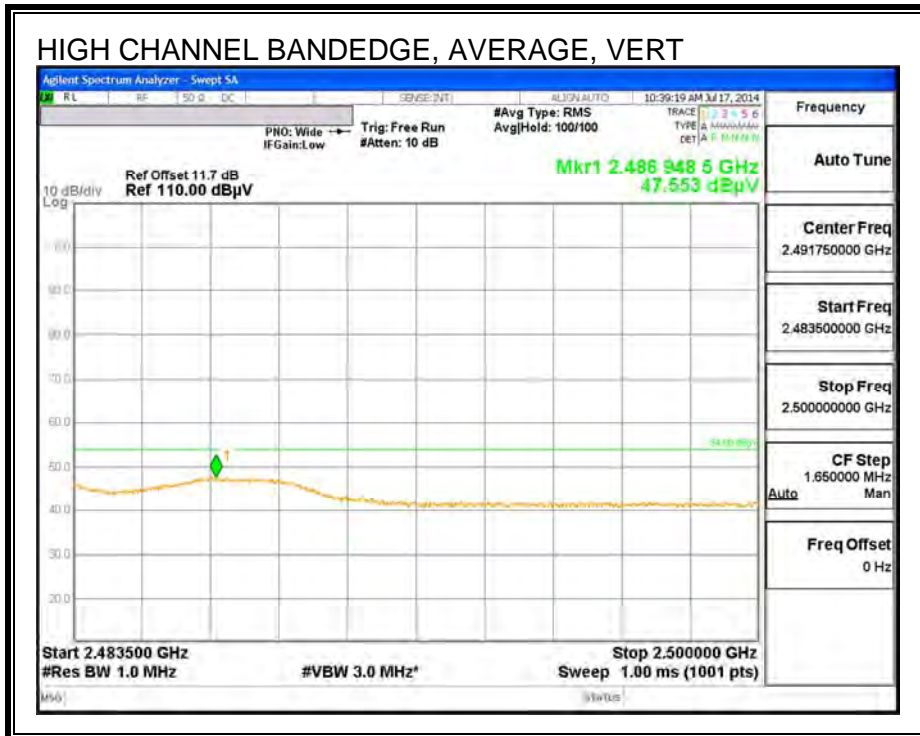
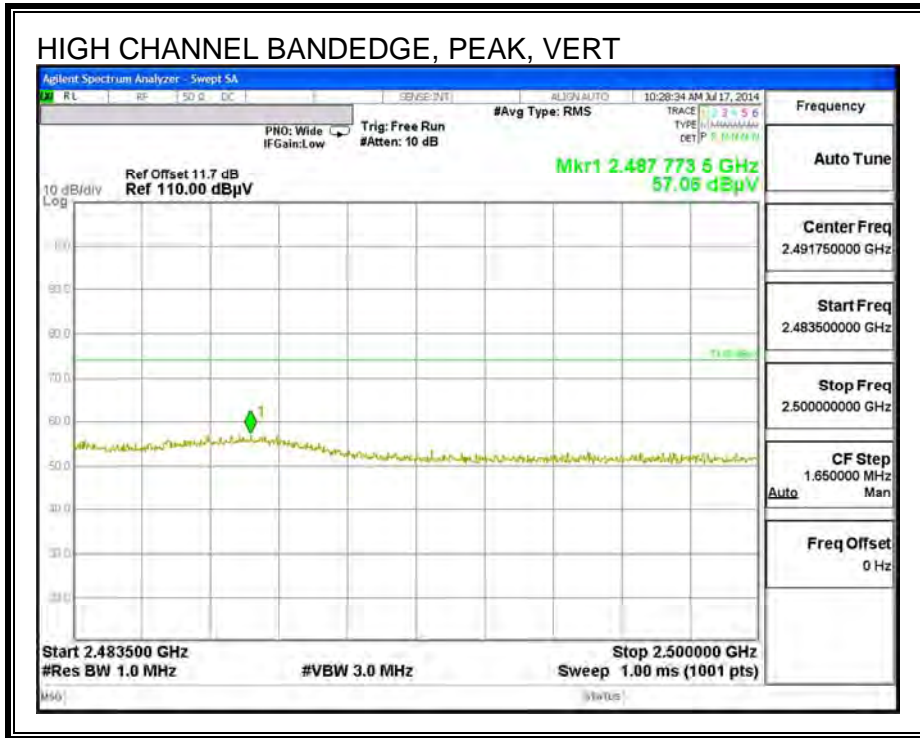
RESTRICTED BANDEDGE (LOW CHANNEL, CHANNEL 1)



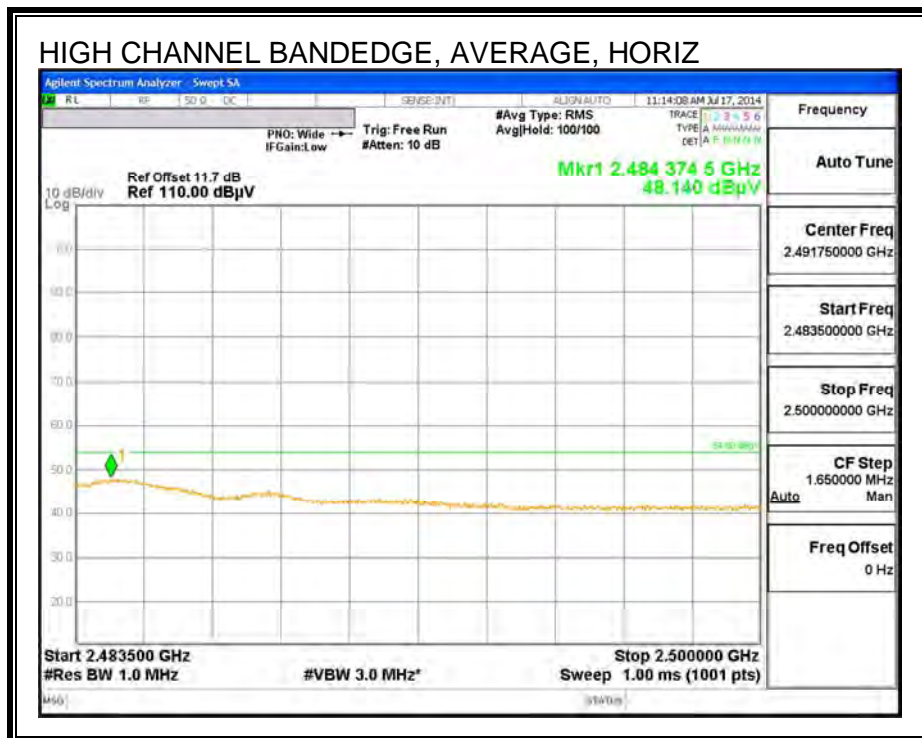
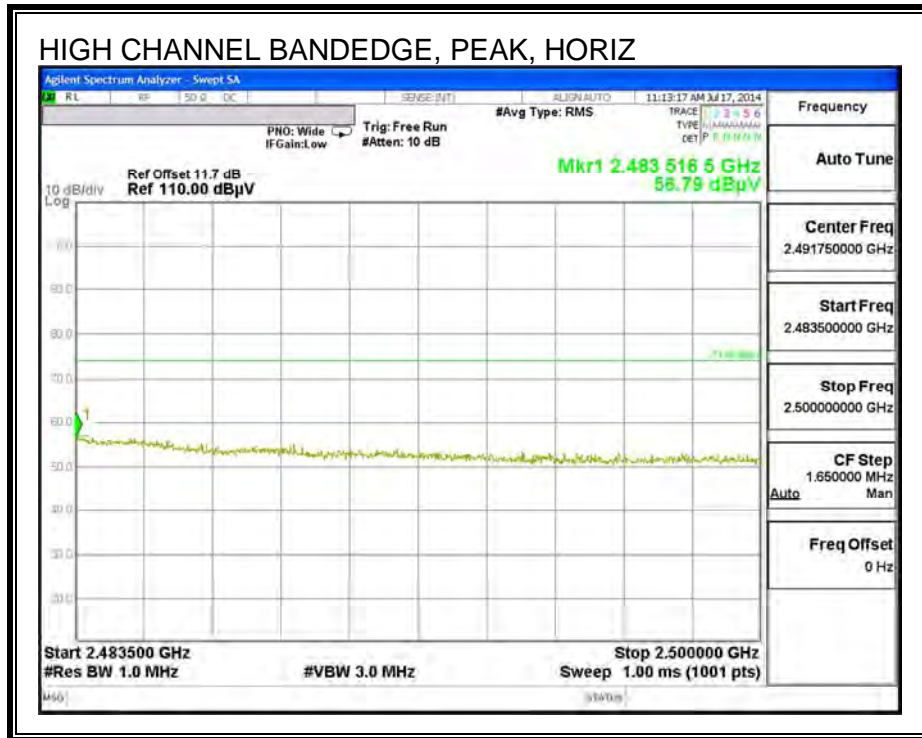


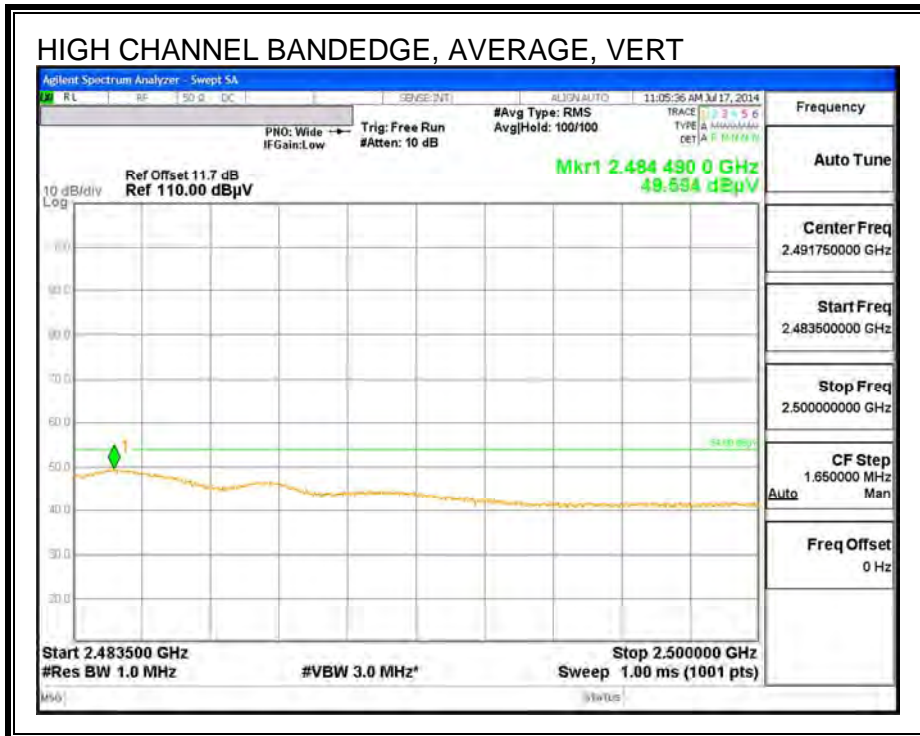
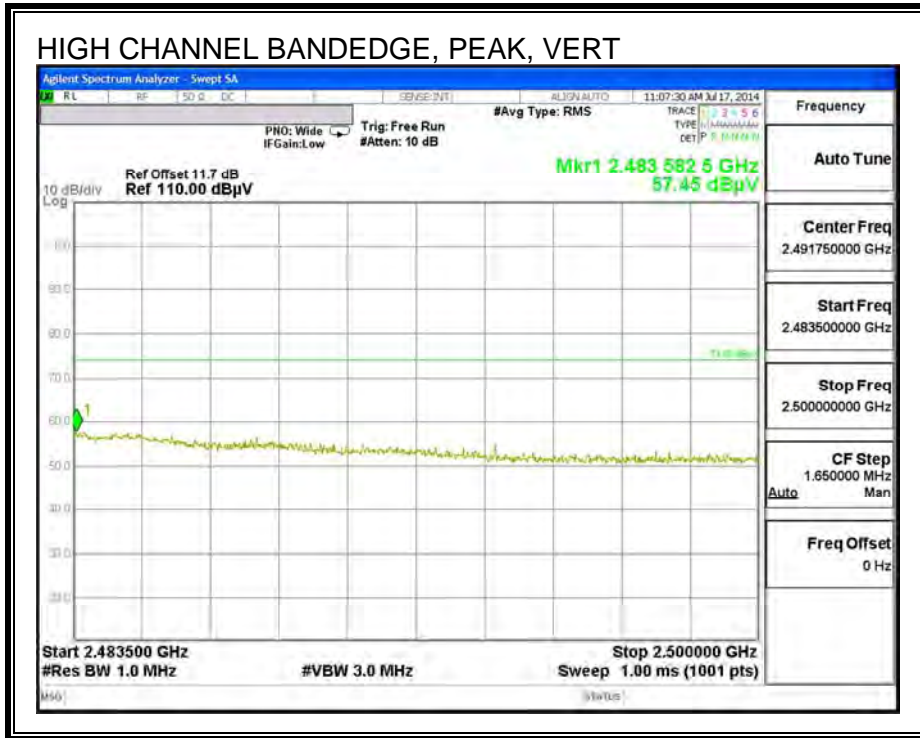
RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 11)



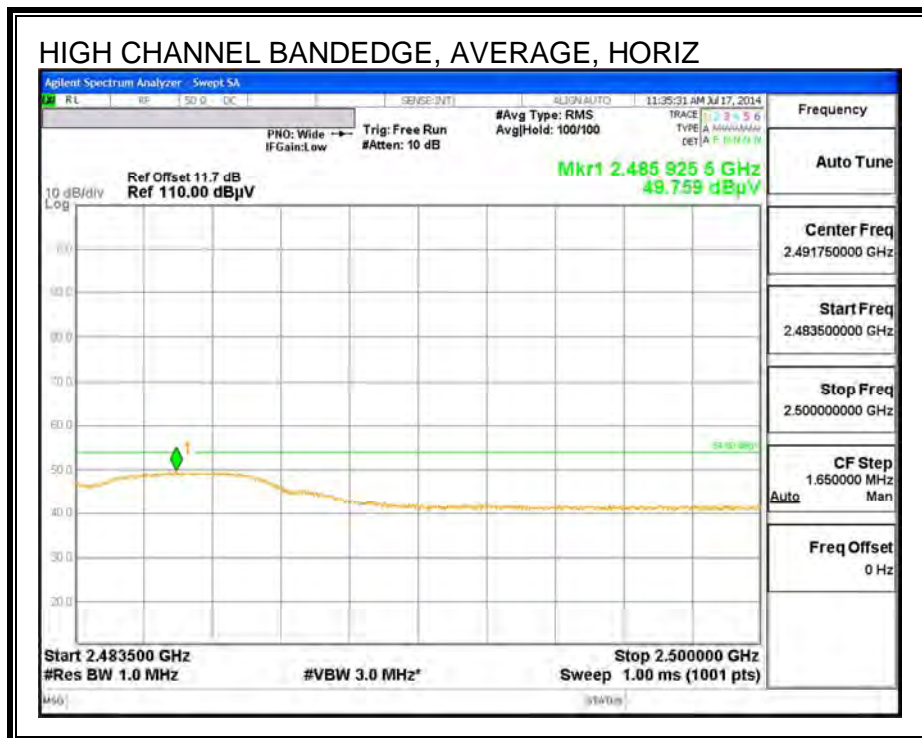
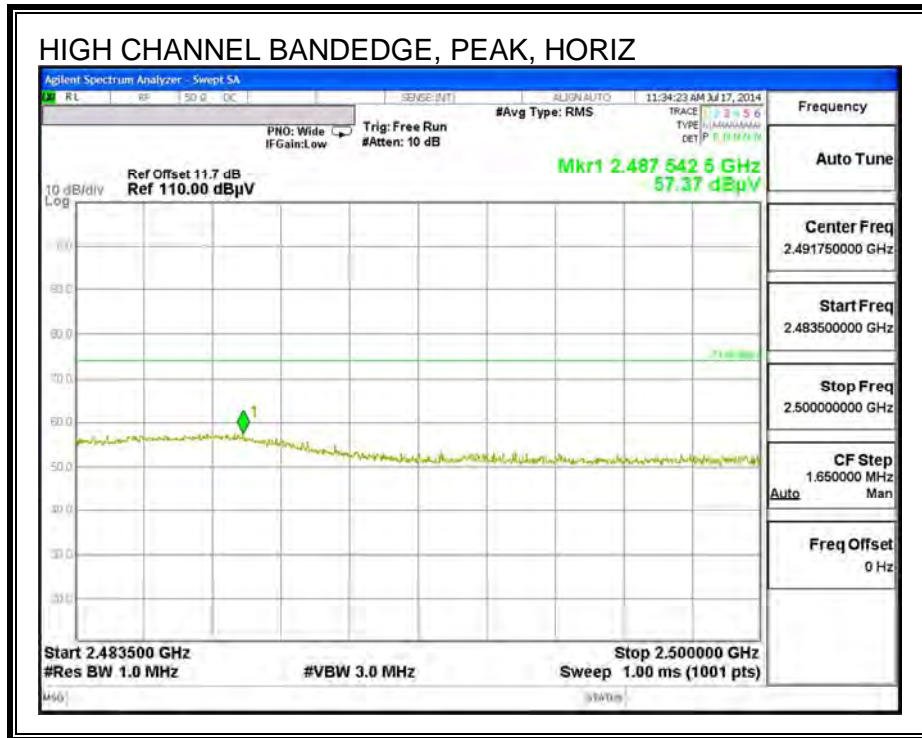


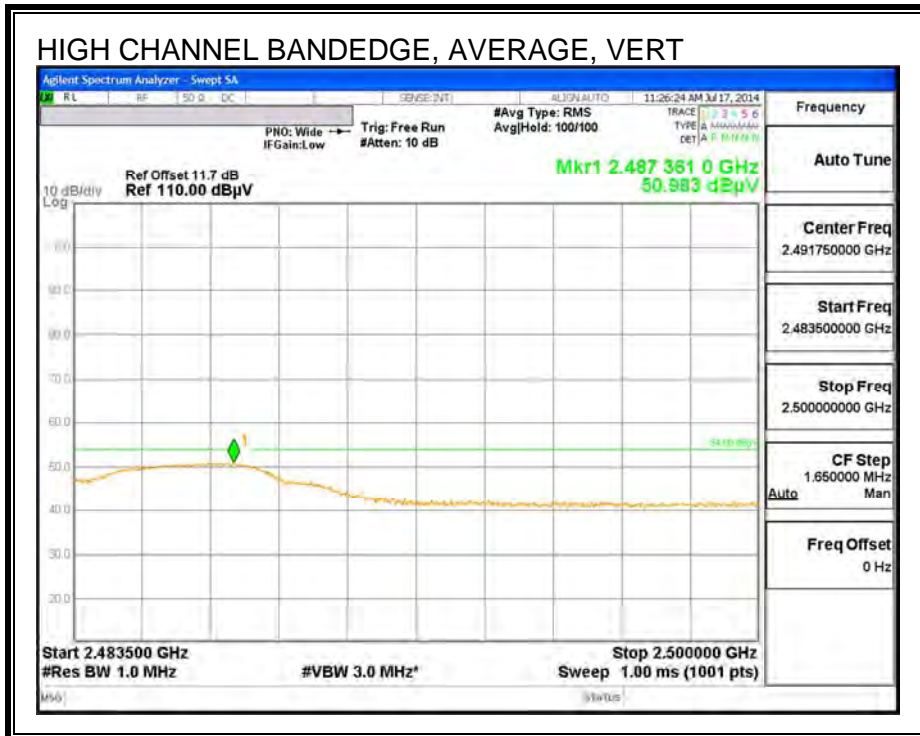
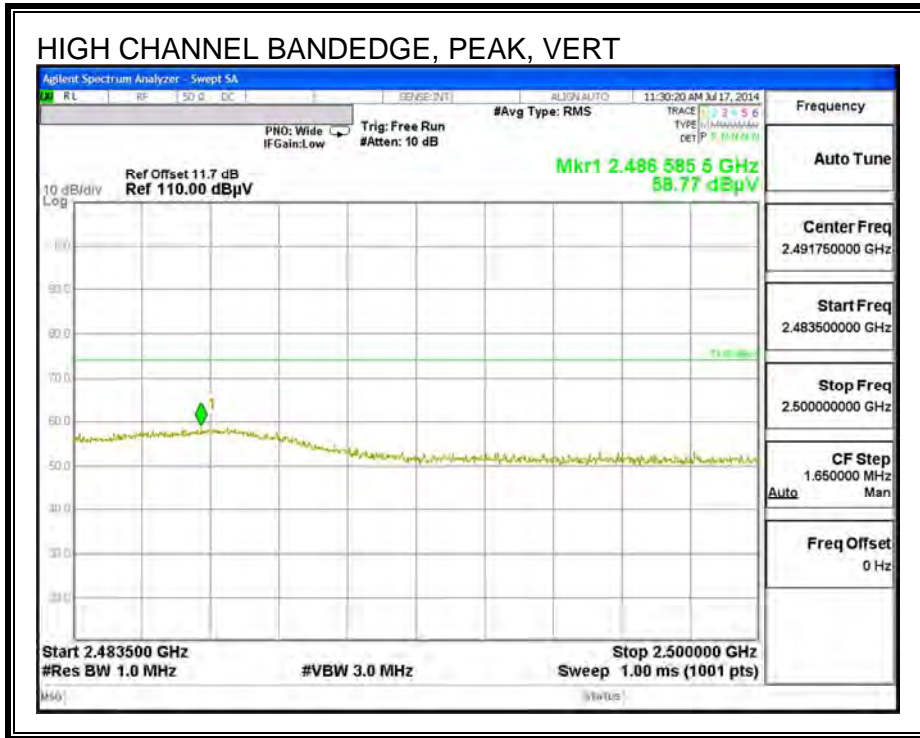
RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 12)



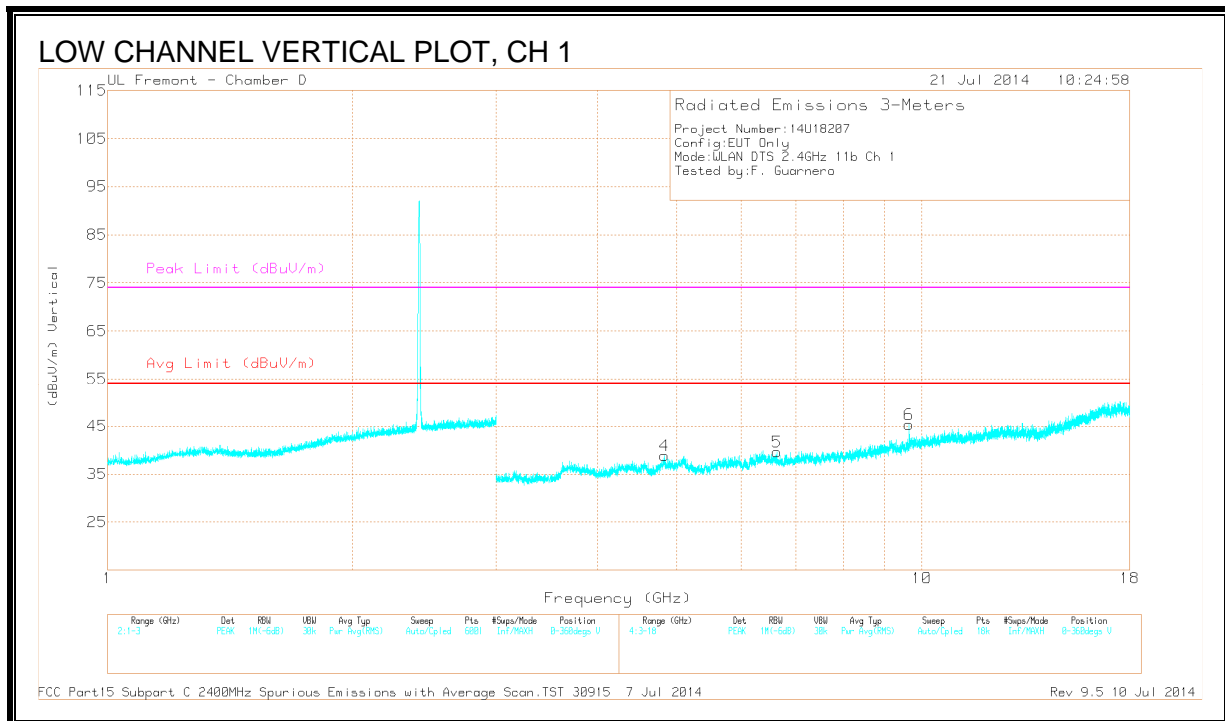
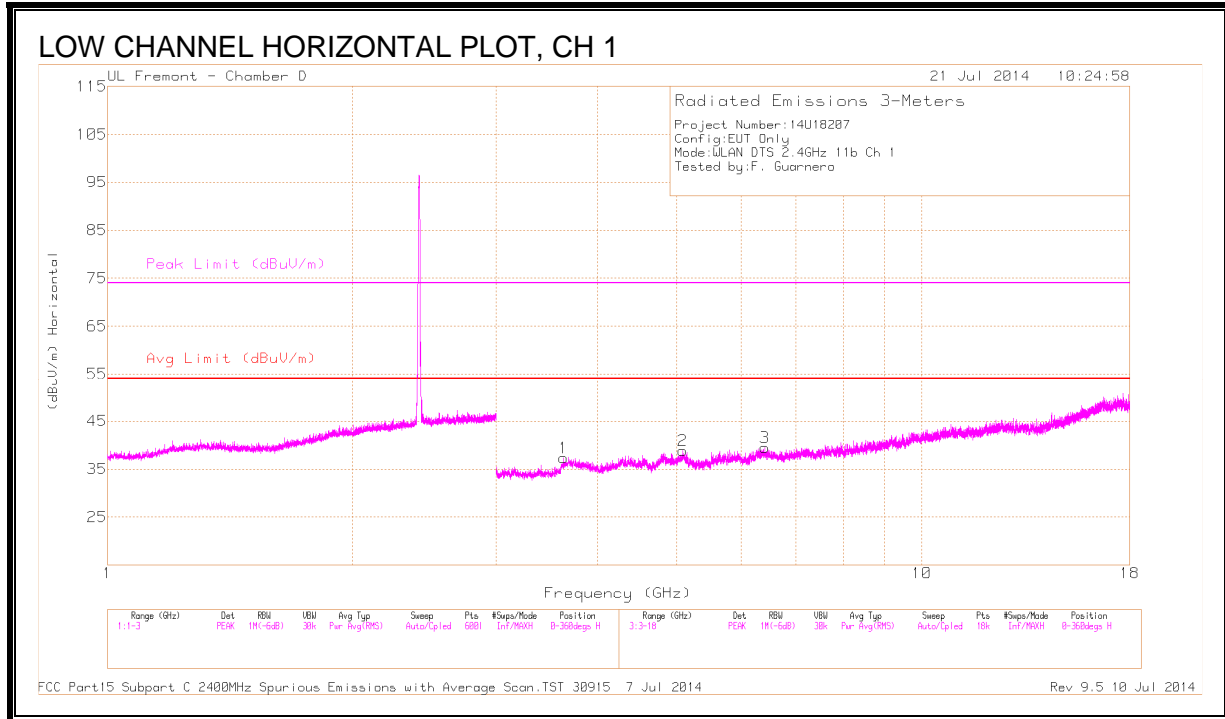


RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 13)





LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

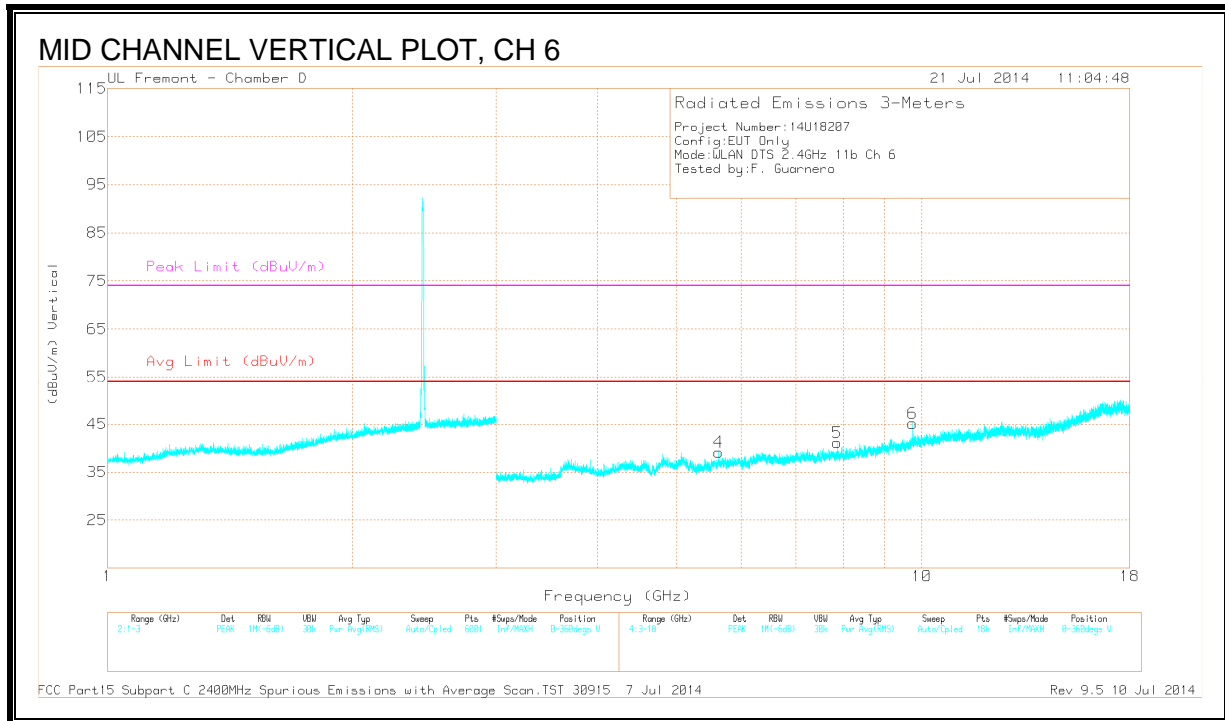
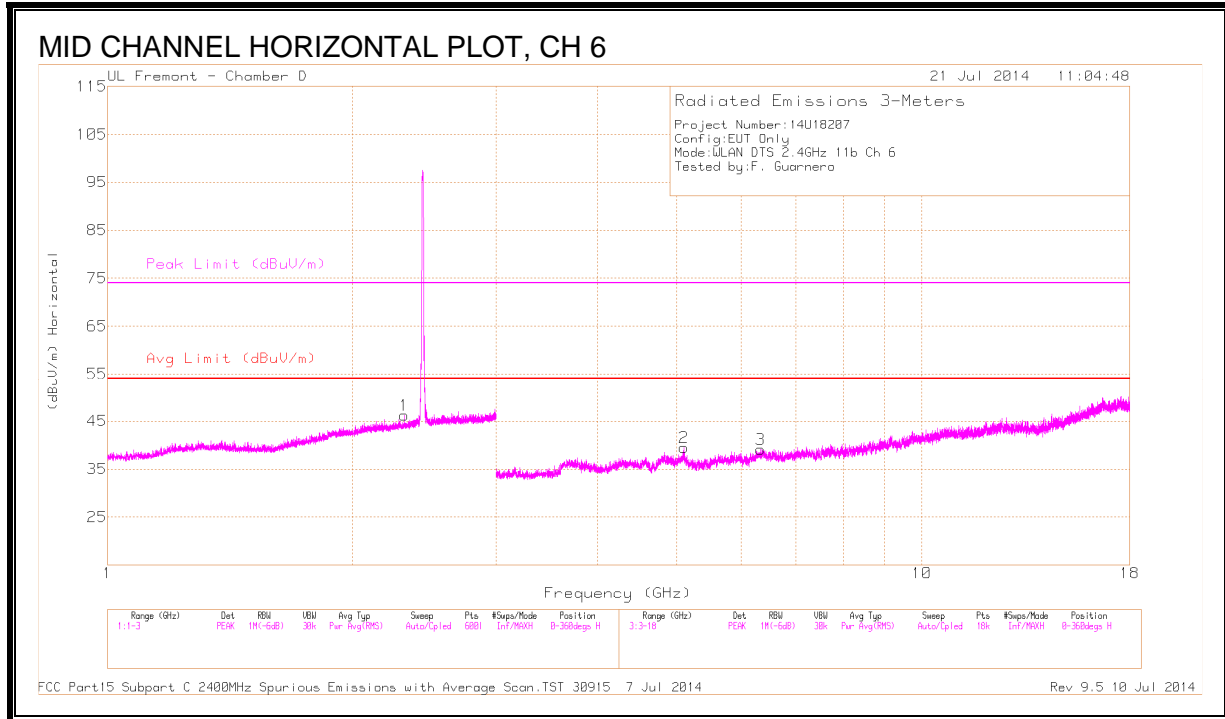
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.629	42.61	PK2	33.4	-28.2	47.81	-	-	74	-26.19	136	202	H
	* 3.628	30.97	MAv1	33.4	-28.2	36.17	54	-17.83	-	-	136	202	H
2	* 5.091	37.06	PK2	34.3	-25.9	45.46	-	-	74	-28.54	4	207	H
	* 5.09	26.15	MAv1	34.3	-25.9	34.55	54	-19.45	-	-	4	207	H
4	* 4.827	37.36	PK2	34.2	-26.7	44.86	-	-	74	-29.14	50	190	V
	* 4.831	25.84	MAv1	34.2	-26.7	33.34	54	-20.66	-	-	50	190	V
6	6.417	36.5	PK2	35.6	-26.2	45.9	-	-	-	-	360	212	H
5	6.639	36.32	PK2	35.6	-25.5	46.42	-	-	-	-	325	188	V
3	9.648	36.99	PK2	36.8	-22	51.79	-	-	-	-	79	116	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



DATA

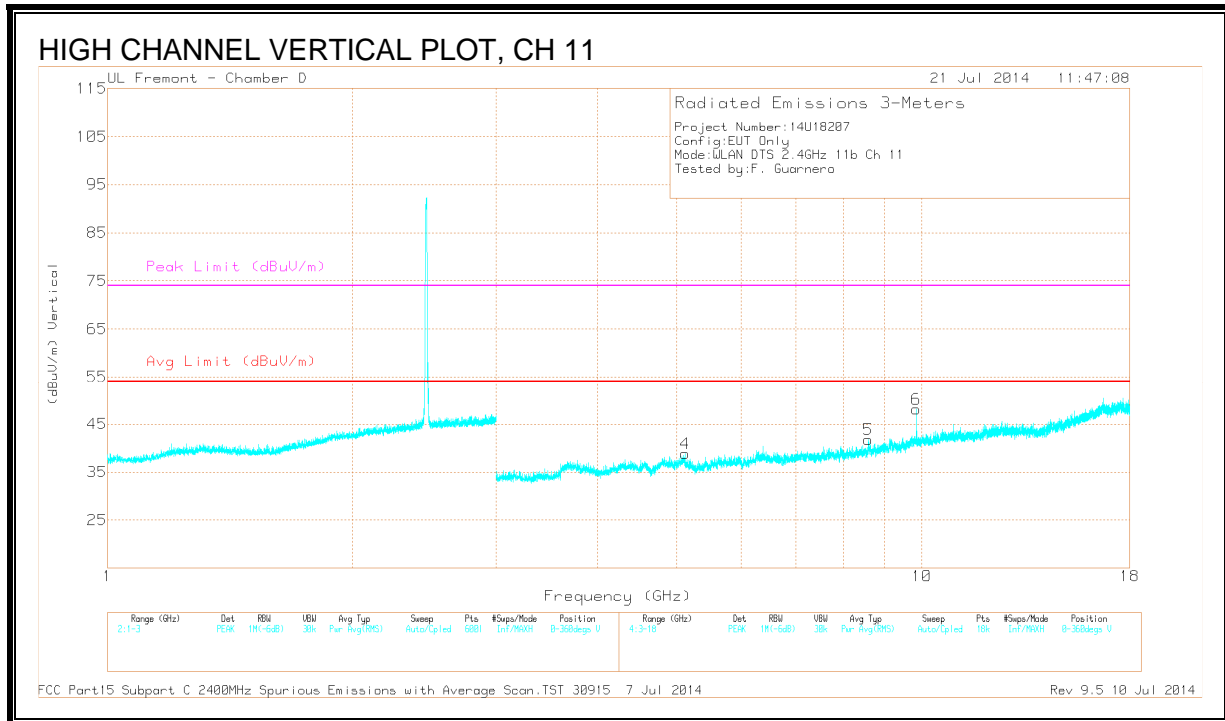
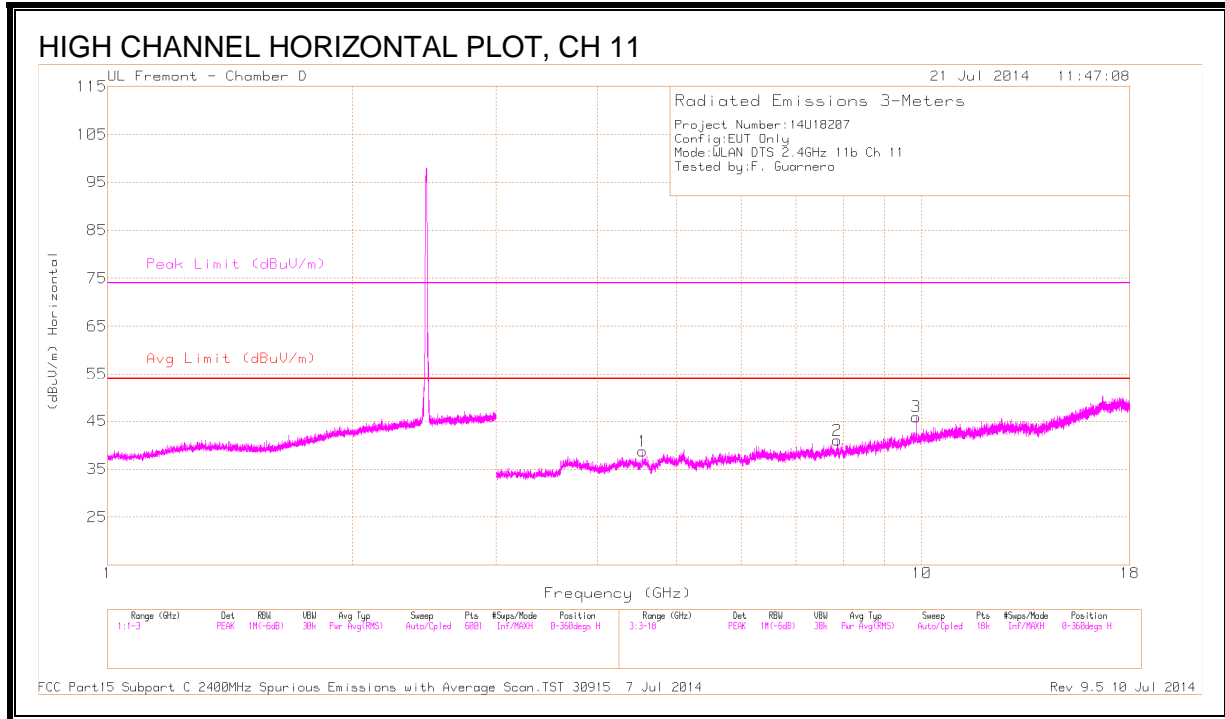
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.314	41.48	PK2	31.9	-20.7	52.68	-	-	74	-21.32	79	100	H
	* 2.313	29.7	MAv1	31.9	-20.7	40.9	54	-13.1	-	-	79	100	H
2	* 5.099	37.73	PK2	34.3	-26	46.03	-	-	74	-27.97	220	202	H
	* 5.101	26.31	MAv1	34.3	-26.1	34.51	54	-19.49	-	-	220	202	H
4	5.629	36.93	PK2	34.6	-26.6	44.93	-	-	-	-	158	202	V
3	6.333	35.85	PK2	35.6	-25.8	45.65	-	-	-	-	323	202	H
5	7.876	36.6	PK2	35.8	-24.4	48	-	-	-	-	111	202	V
6	9.748	36.13	PK2	36.9	-21.4	51.63	-	-	-	-	78	109	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

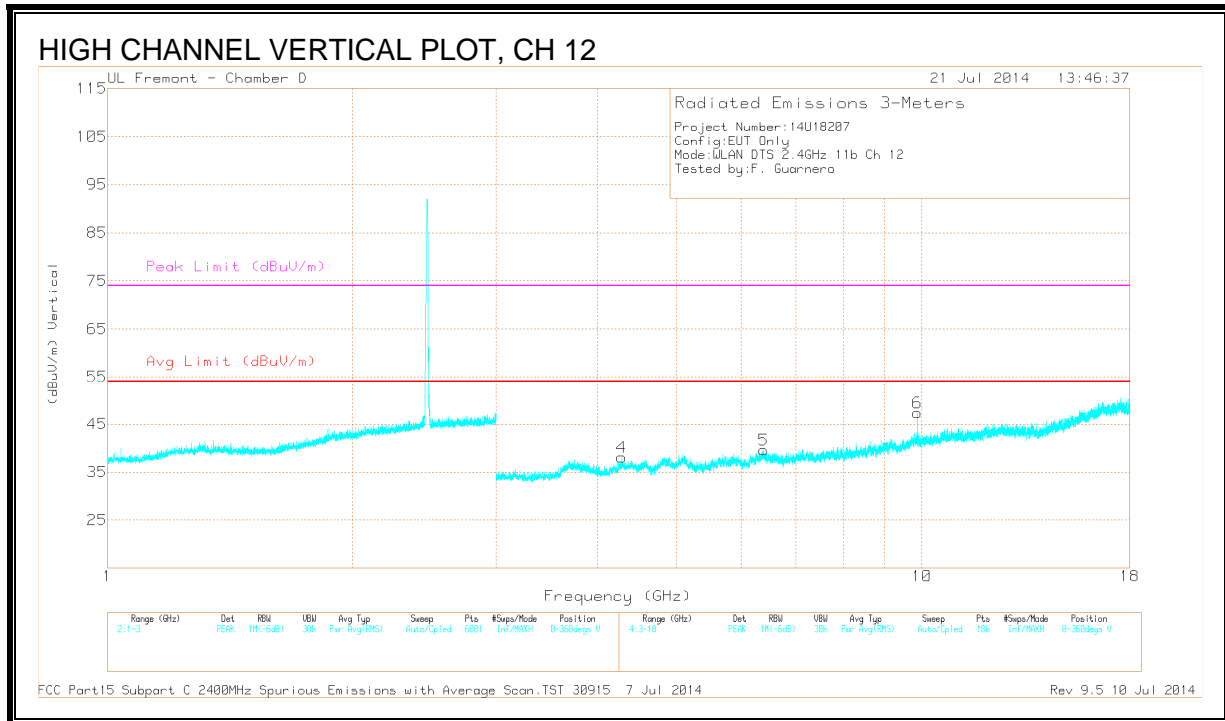
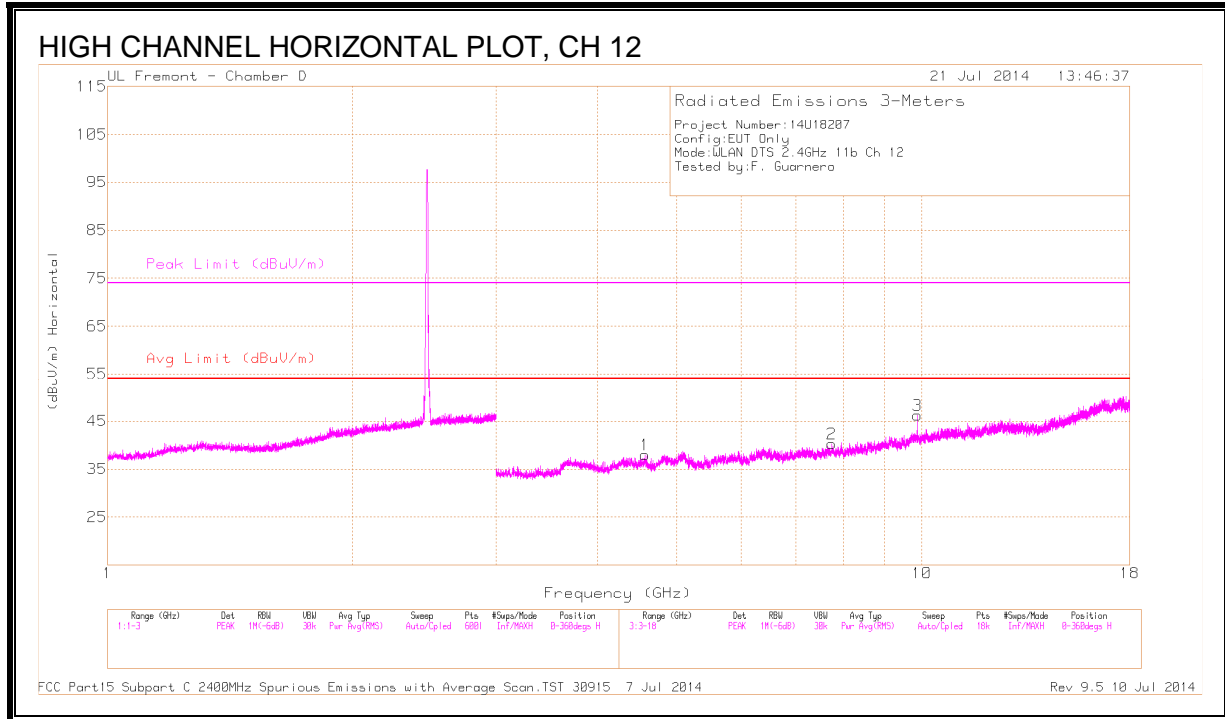
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.537	36.65	PK2	34	-26.5	44.15	-	-	74	-29.85	101	215	H
	* 4.539	25.6	MAv1	34	-26.5	33.1	54	-20.9	-	-	101	215	H
4	* 5.113	38.16	PK2	34.3	-26.4	46.06	-	-	74	-27.94	203	201	V
	* 5.122	26.15	MAv1	34.3	-26.7	33.75	54	-20.25	-	-	203	201	V
2	7.873	36.22	PK2	35.8	-24.4	47.62	-	-	-	-	101	215	H
5	8.601	35.53	PK2	35.9	-22.5	48.93	-	-	-	-	237	197	V
3	9.848	37.02	PK2	37	-21.1	52.92	-	-	-	-	97	215	H
6	9.848	37.64	PK2	37	-21.1	53.54	-	-	-	-	85	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, 2467MHZ, HARMONICS AND SPURIOUS EMISSIONS



DATA

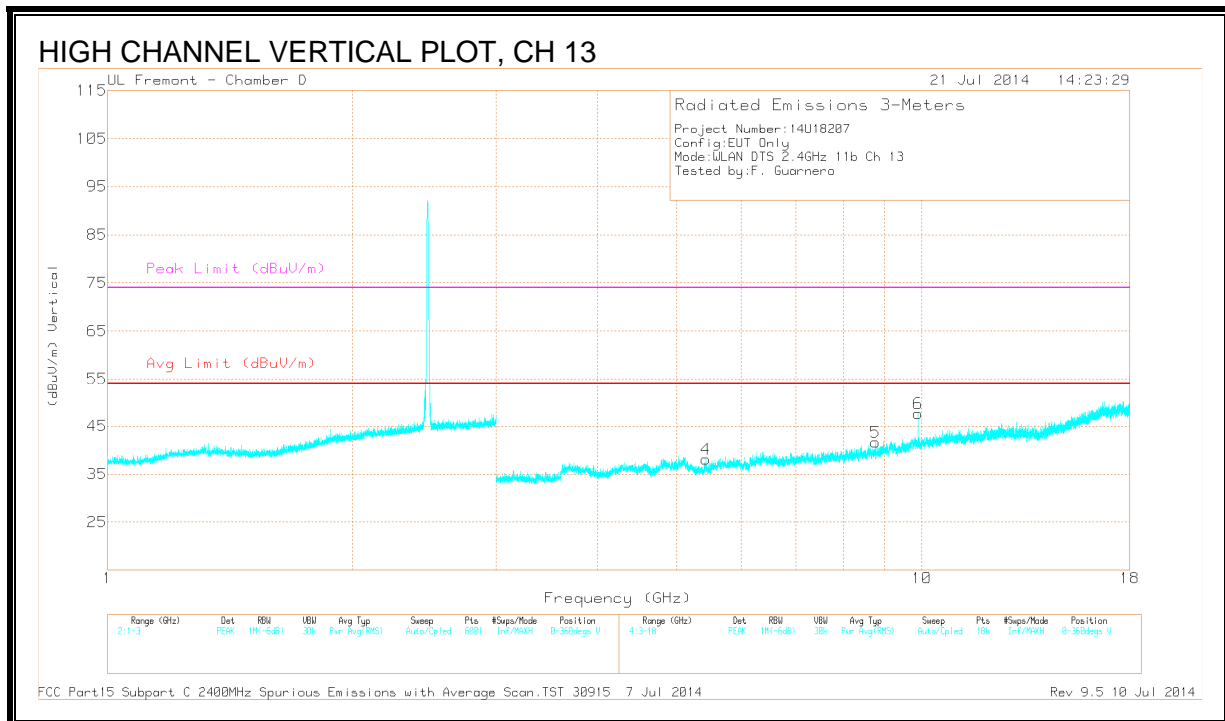
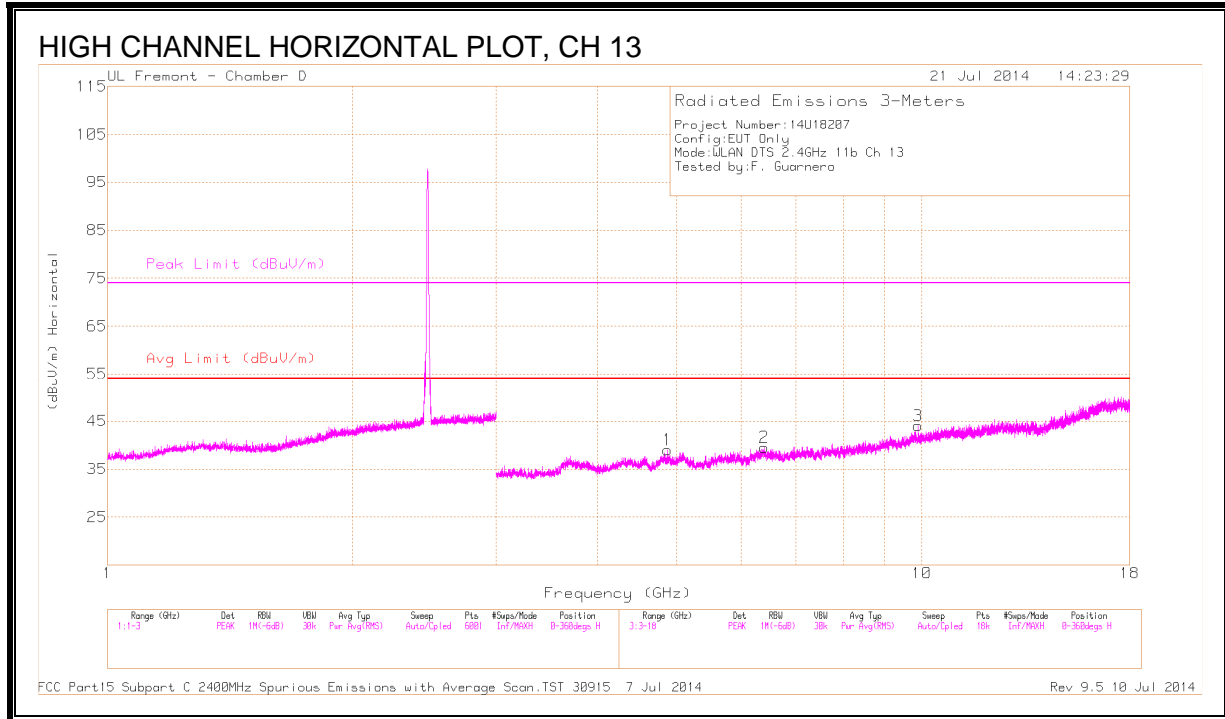
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.566	42.52	PK2	34	-26.4	50.12	-	-	74	-23.88	111	232	H
	* 4.566	30.32	MAv1	34	-26.4	37.92	54	-16.08	-	-	111	232	H
4	* 4.275	37.86	PK2	33.7	-27.6	43.96	-	-	74	-30.04	133	202	V
	* 4.276	26.44	MAv1	33.7	-27.6	32.54	54	-21.46	-	-	133	202	V
5	6.39	36.65	PK2	35.6	-26	46.25	-	-	-	-	263	147	V
2	7.751	36.7	PK2	35.8	-24	48.5	-	-	-	-	69	218	H
3	9.868	36.66	PK2	37.1	-21.3	52.46	-	-	-	-	280	208	H
6	9.868	37.92	PK2	37.1	-21.3	53.72	-	-	-	-	263	147	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



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.867	36.86	PK2	34.2	-26.9	44.16	-	-	74	-29.84	262	207	H
	* 4.867	25.45	MAv1	34.2	-26.9	32.75	54	-21.25	-	-	262	207	H
4	* 5.428	37.34	PK2	34.5	-26.9	44.94	-	-	74	-29.06	262	142	V
	* 5.426	26.09	MAv1	34.5	-26.9	33.69	54	-20.31	-	-	262	142	V
2	6.401	36.92	PK2	35.6	-26.2	46.32	-	-	-	-	262	207	H
5	8.762	36.44	PK2	36	-23.7	48.74	-	-	-	-	262	142	V
3	9.888	41.15	PK2	37.1	-21.2	57.05	-	-	-	-	283	289	H
6	9.888	37.13	PK2	37.1	-21.2	53.03	-	-	-	-	262	142	V

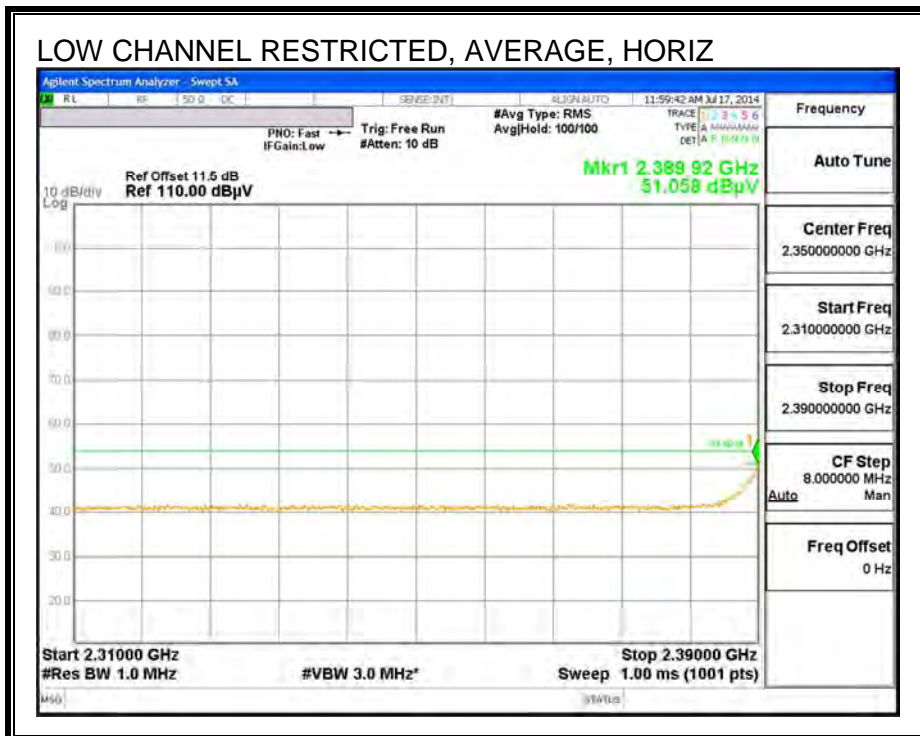
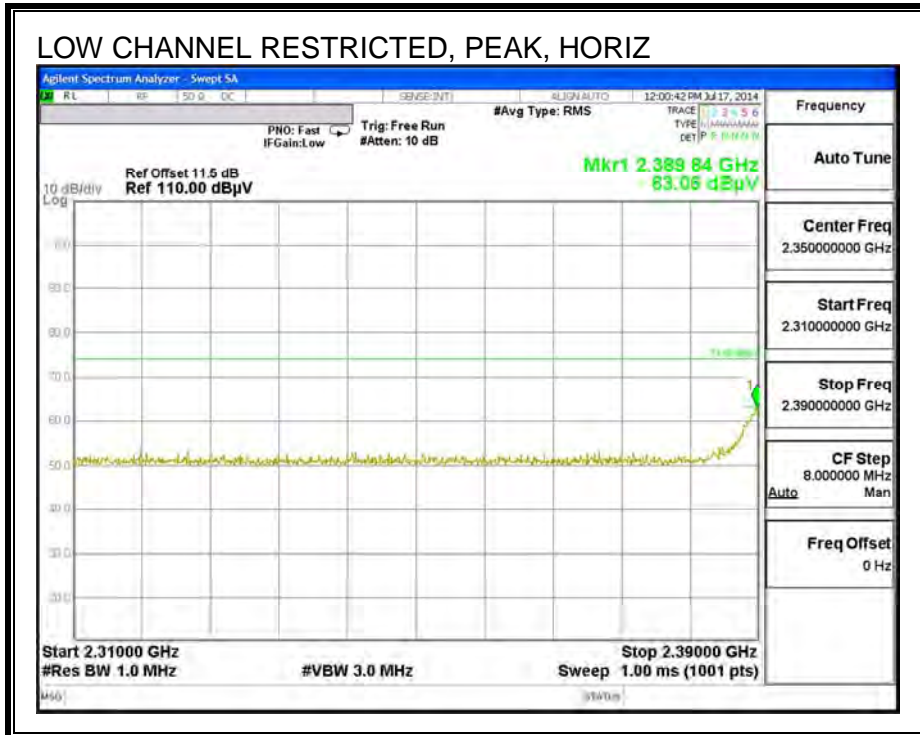
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

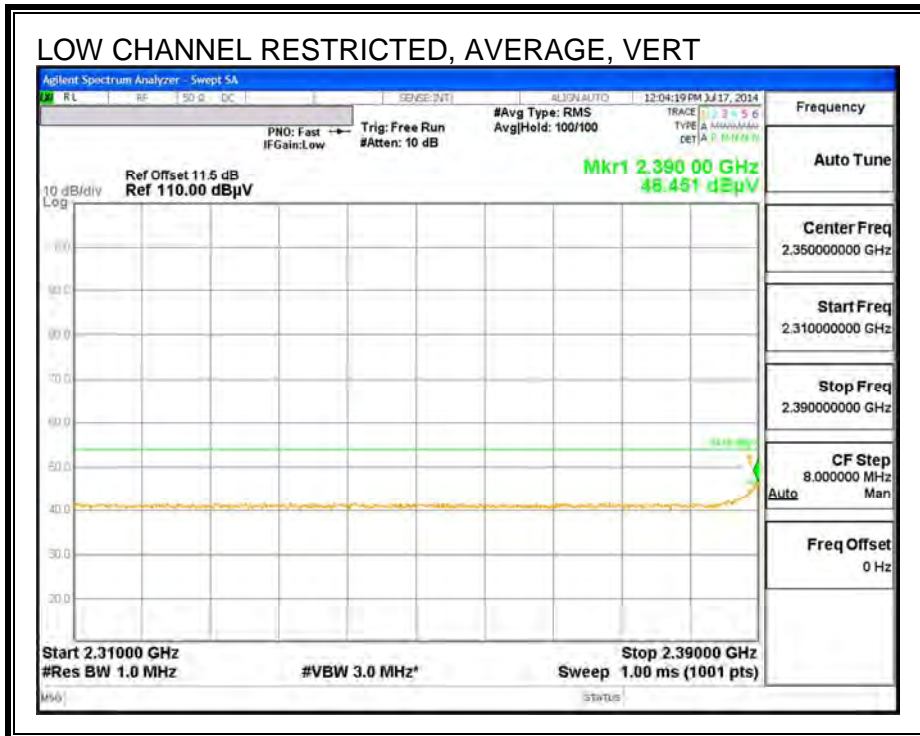
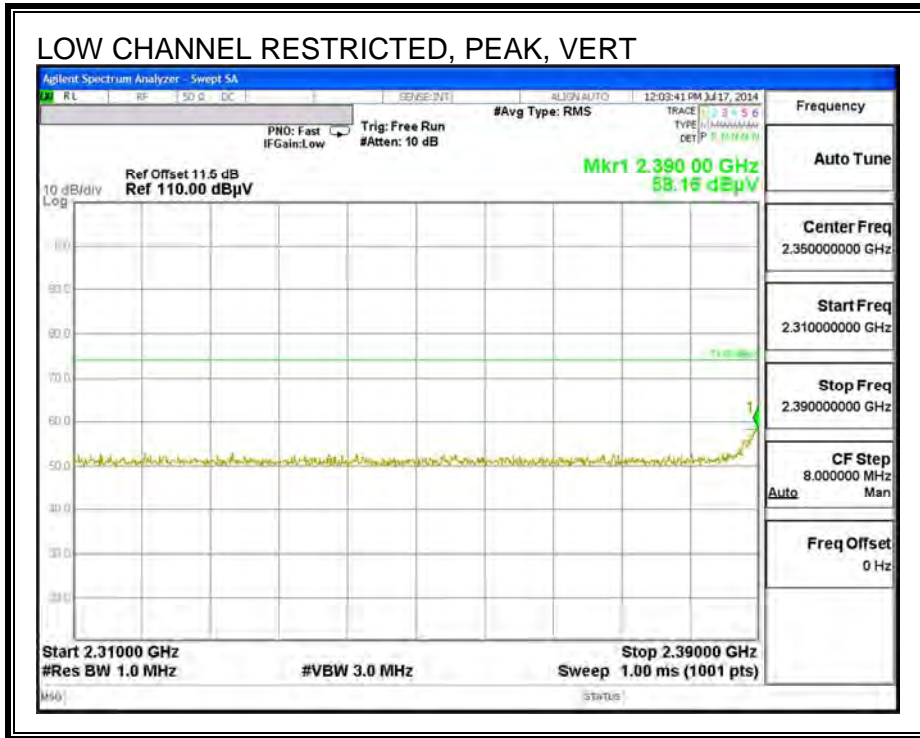
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

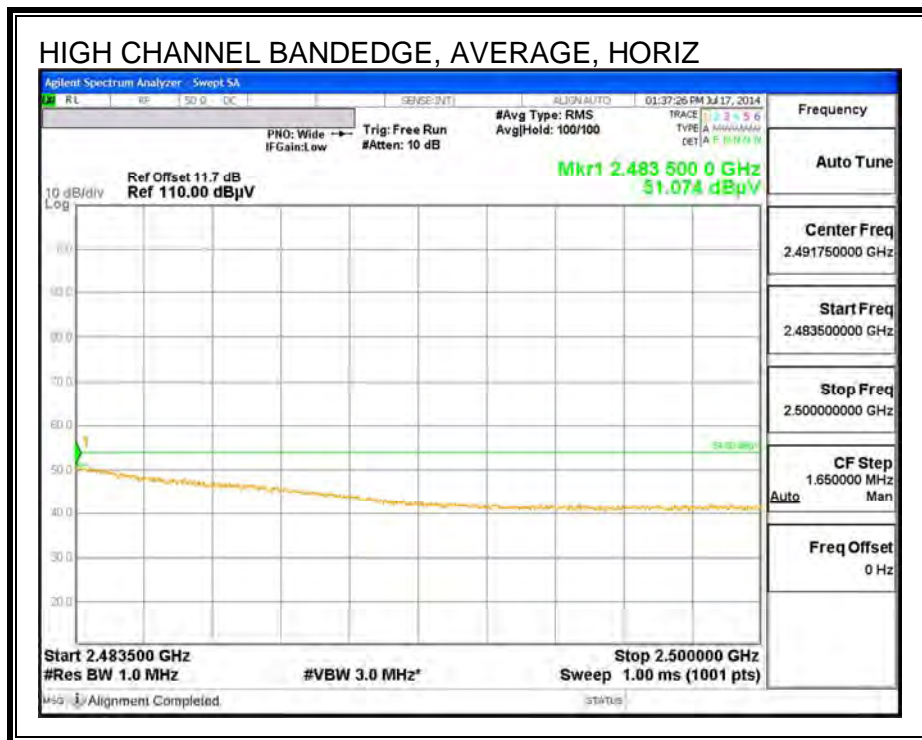
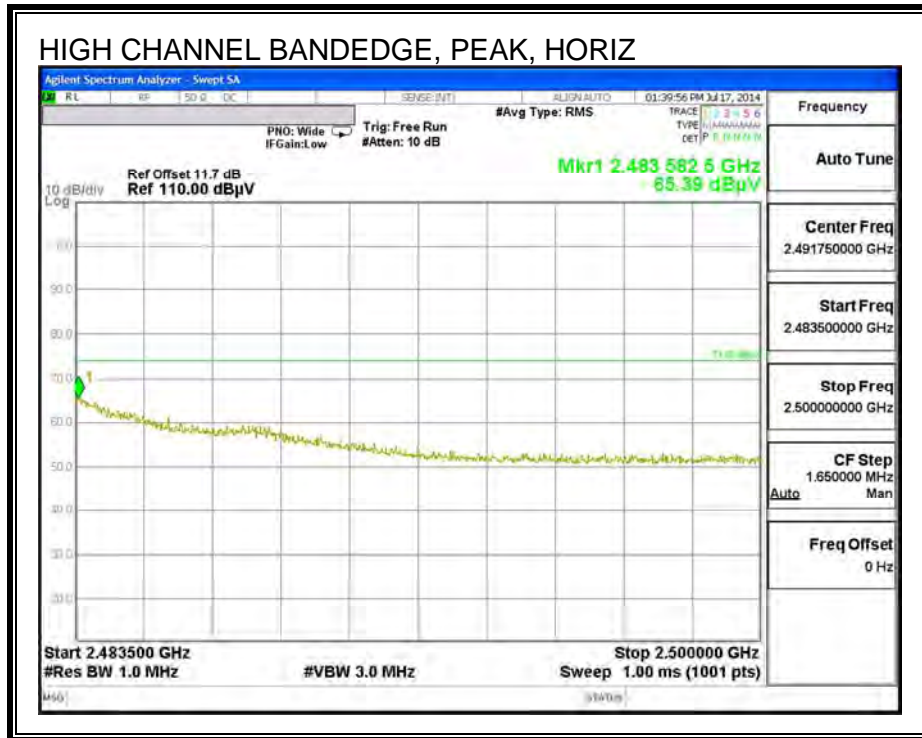
10.2.4.802.11g 1Tx SISO ANTENNA C ANTENNA MODE IN THE 2.4 GHz BAND

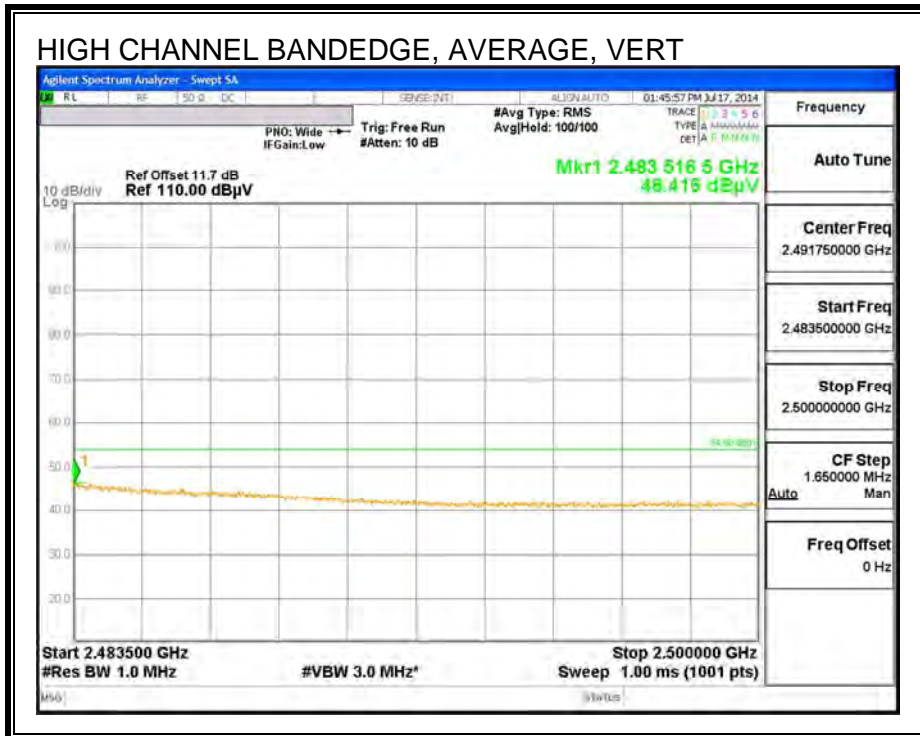
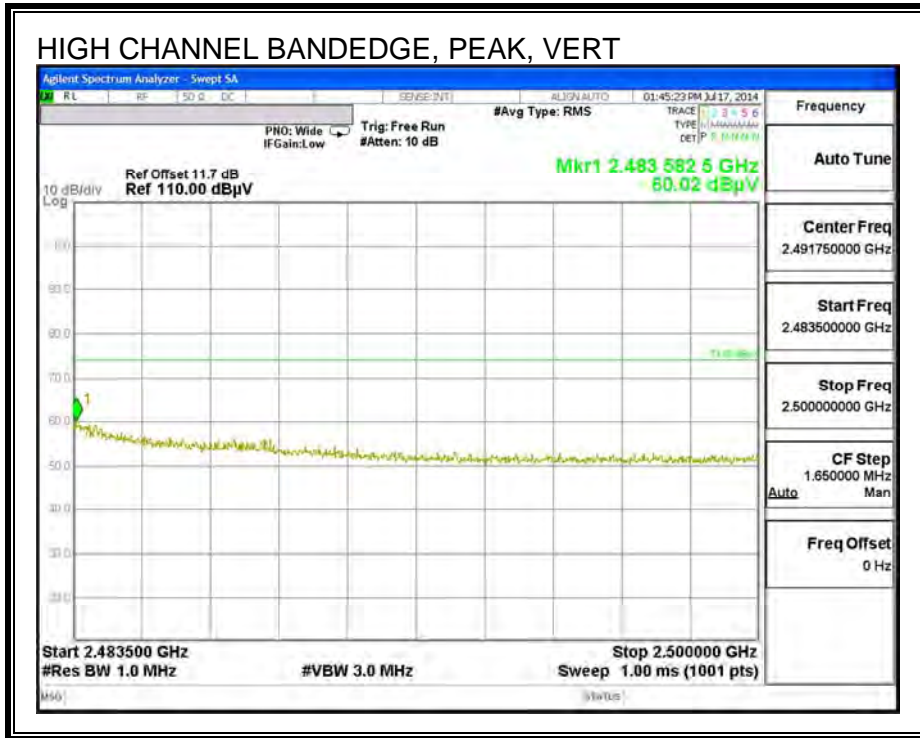
RESTRICTED BANDEDGE (LOW CHANNEL, CHANNEL 1)



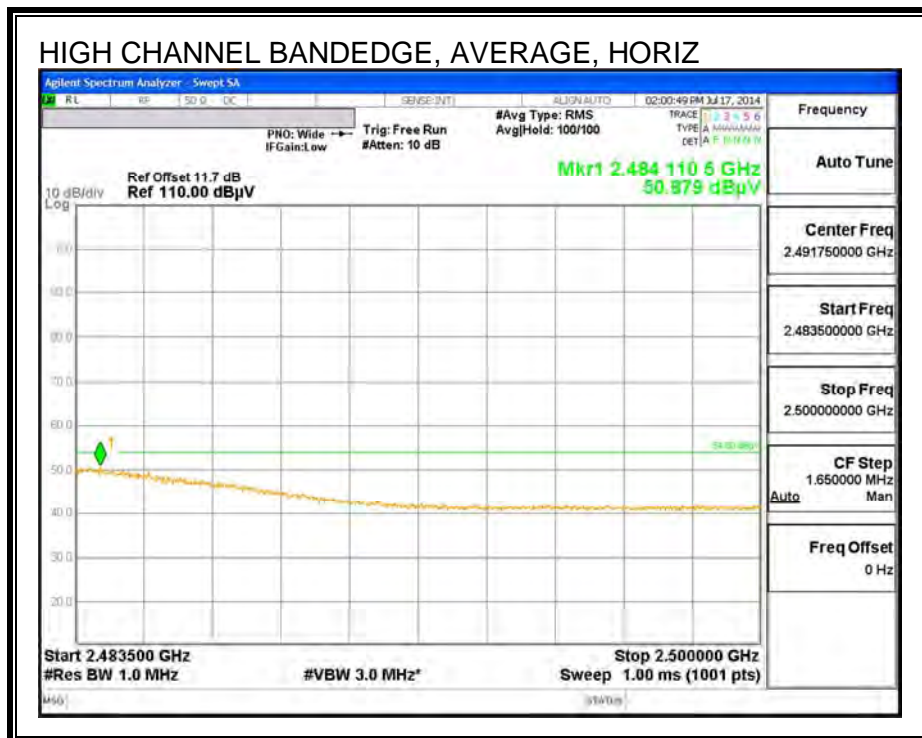
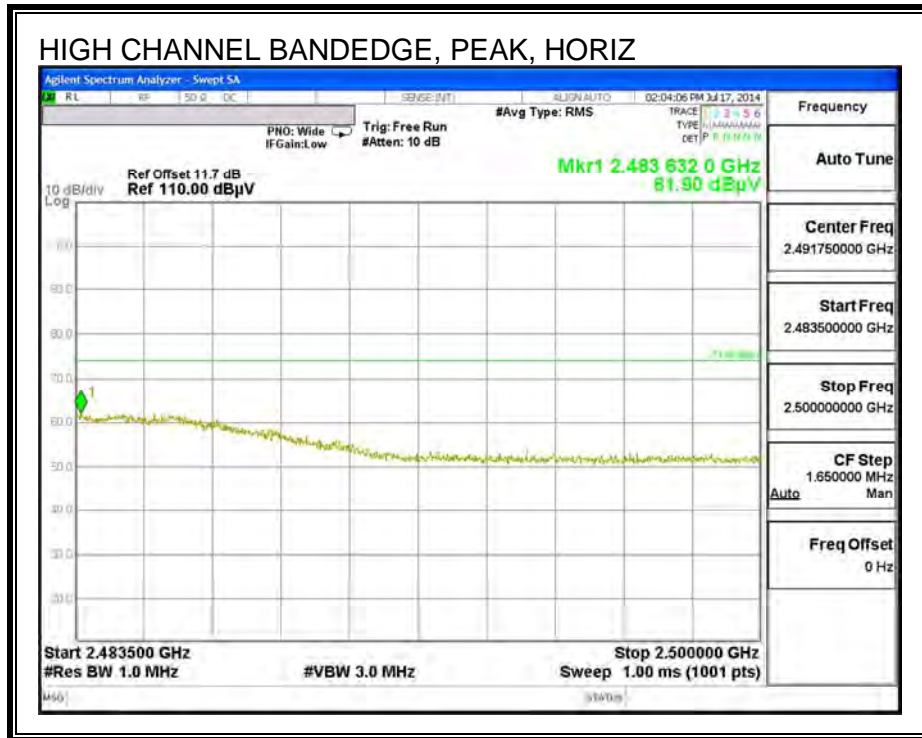


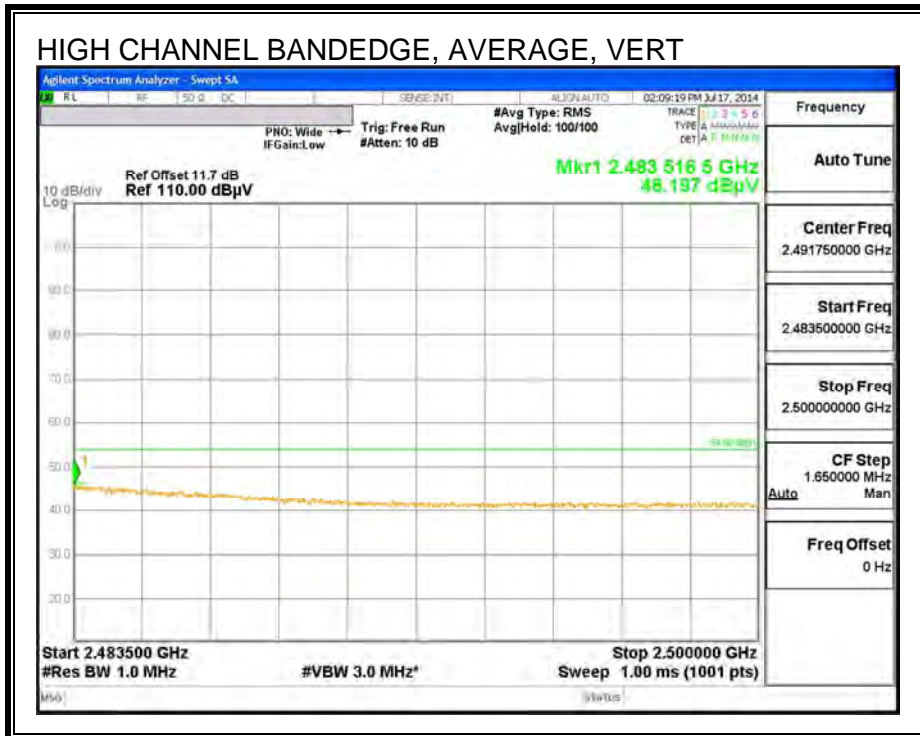
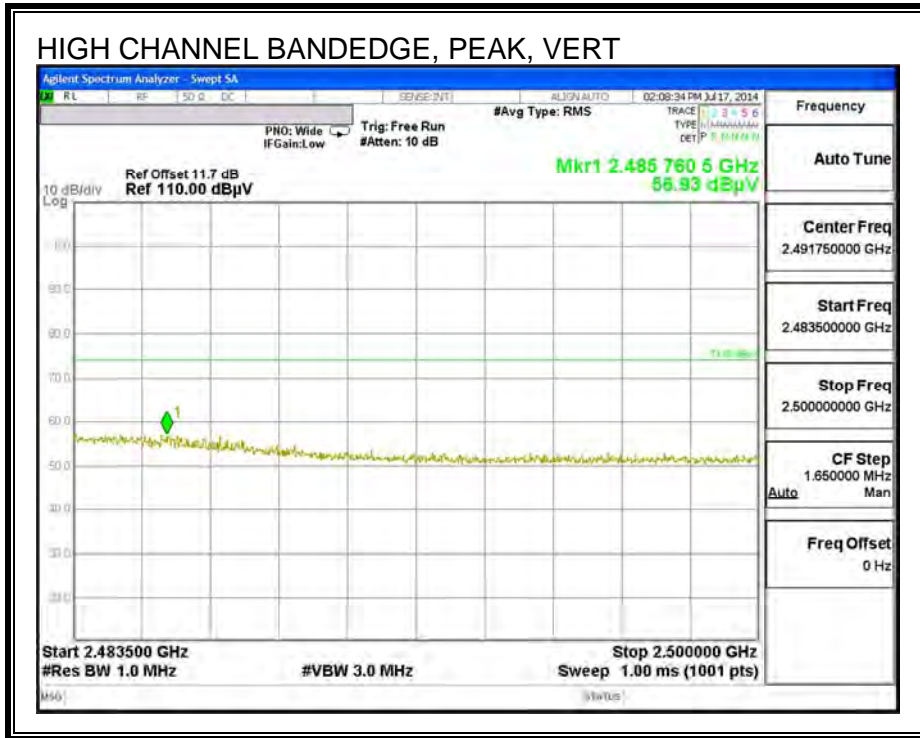
RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 11)



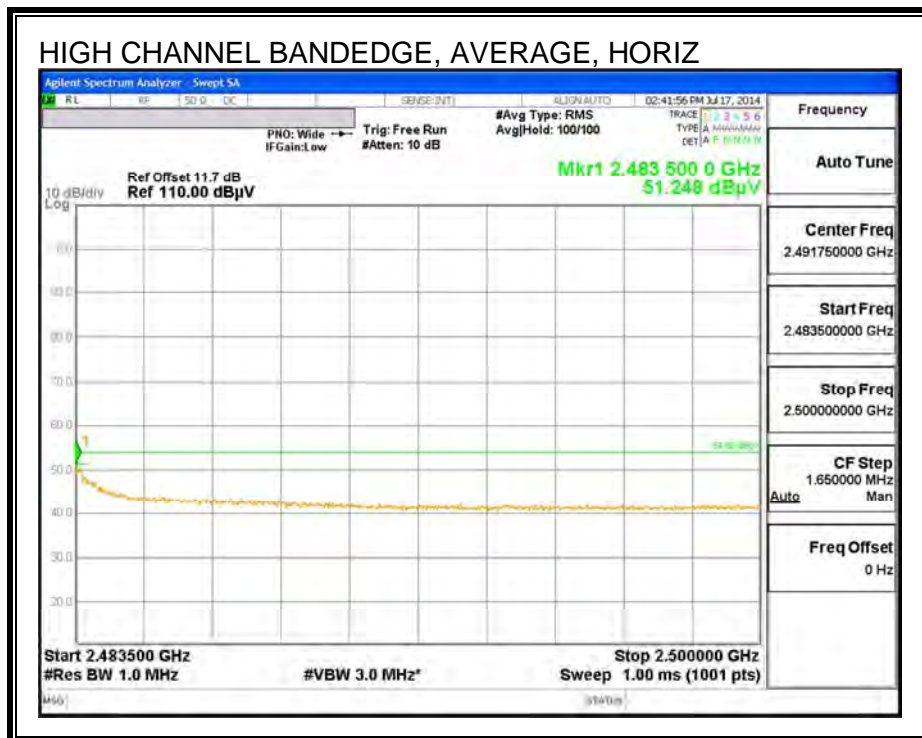
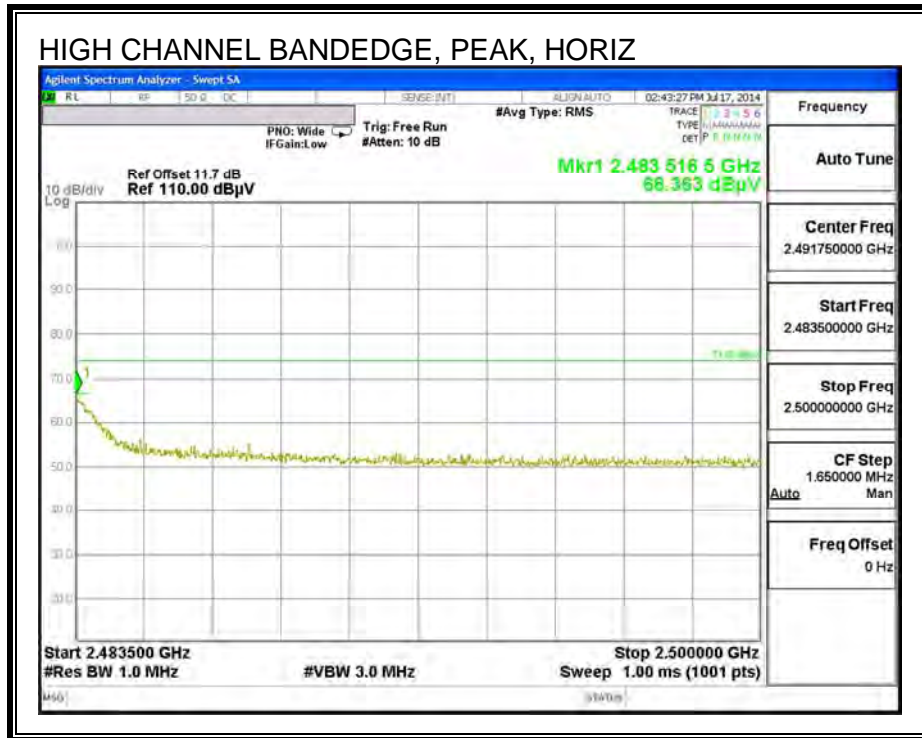


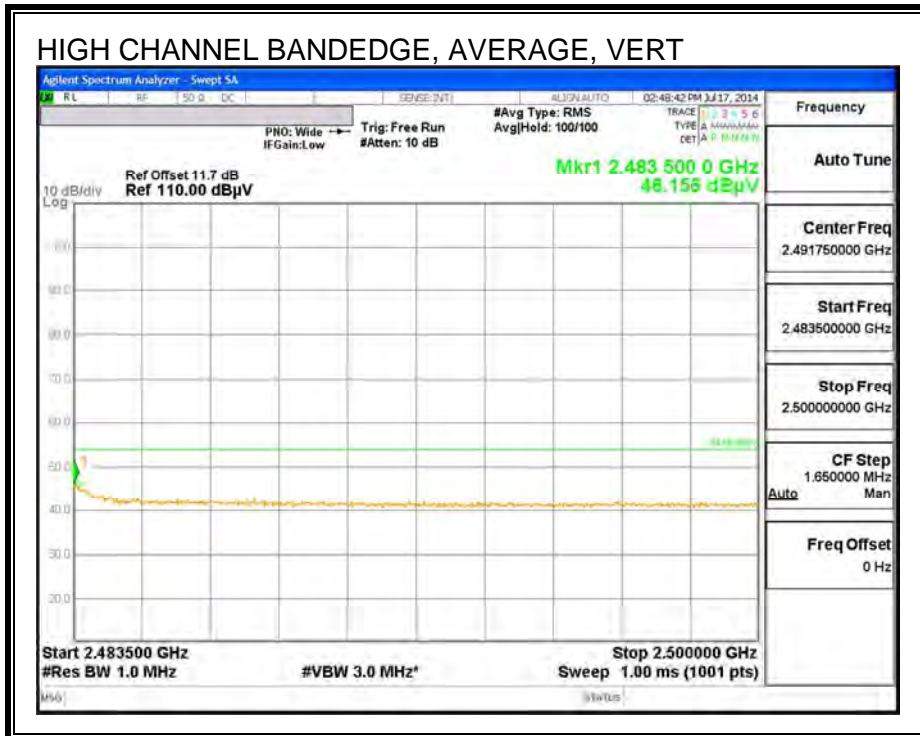
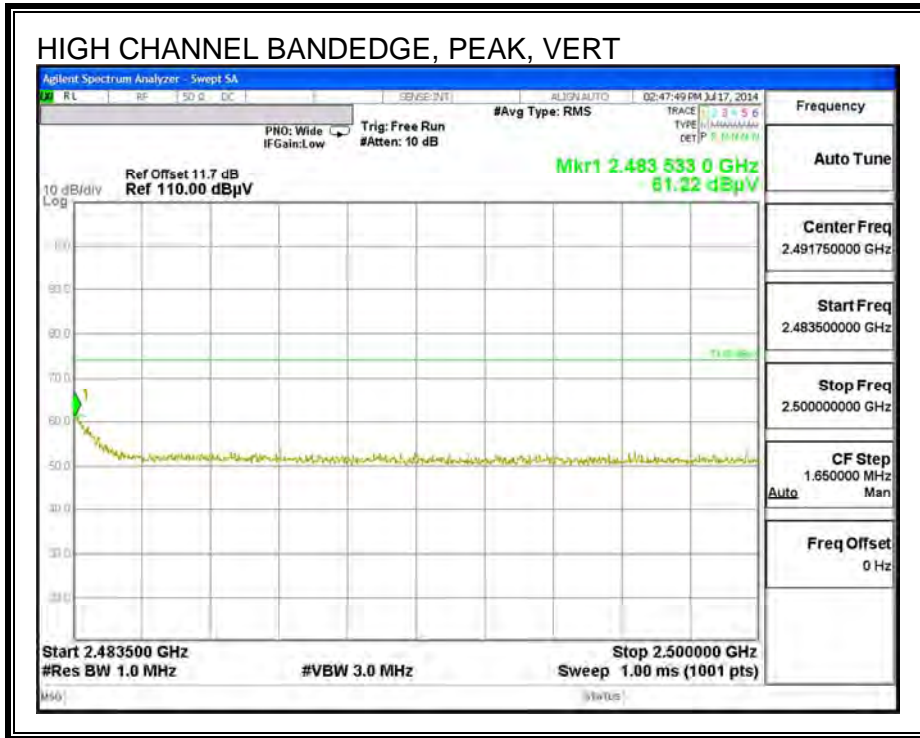
RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 12)



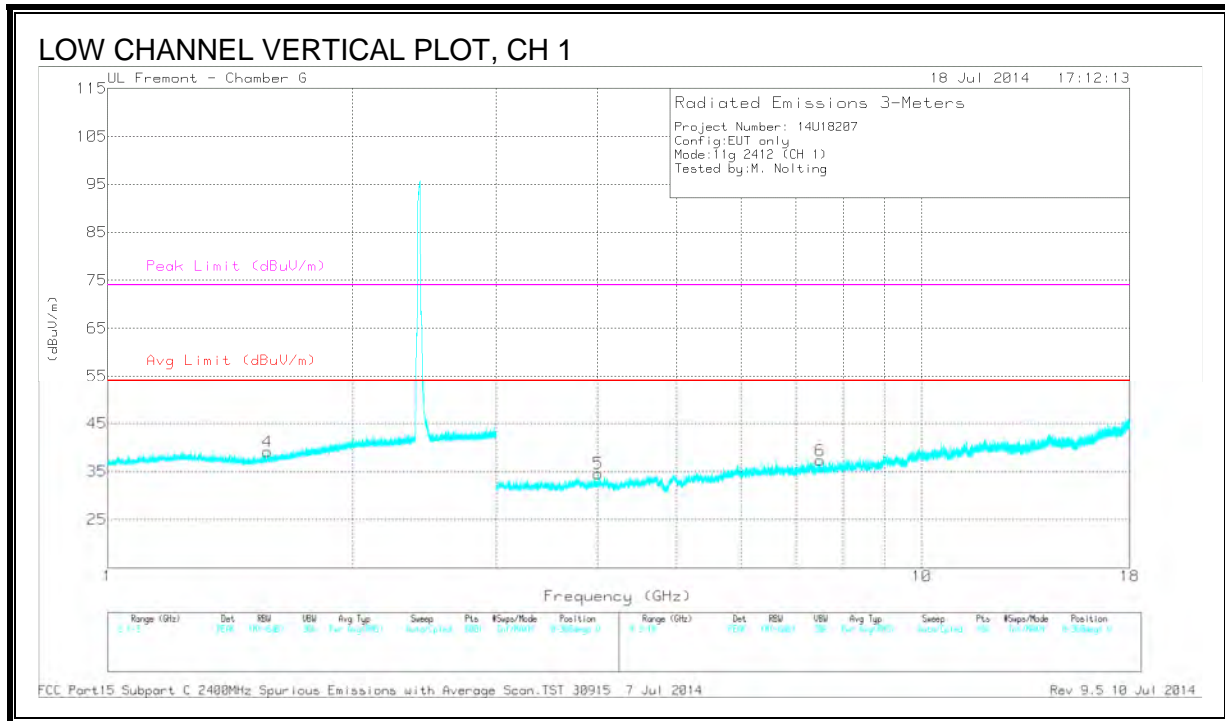
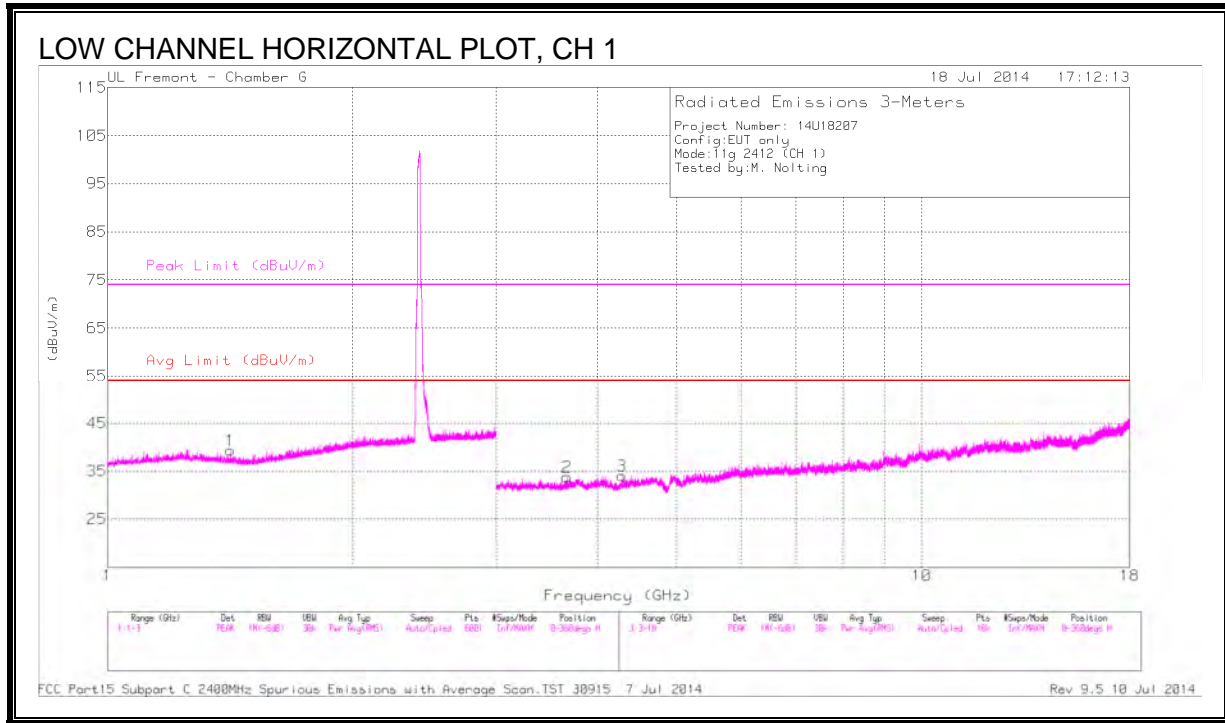


RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 13)





LOW CHANNEL 2412MHZ, HARMONICS AND SPURIOUS EMISSIONS



DATA

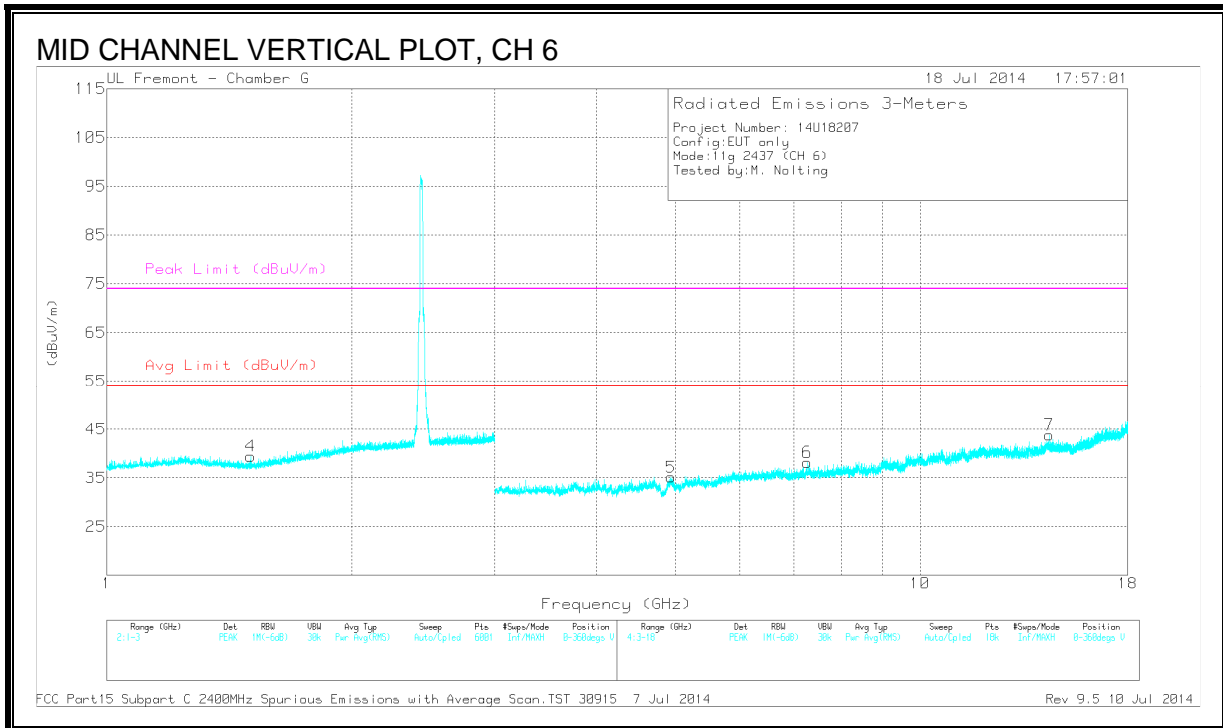
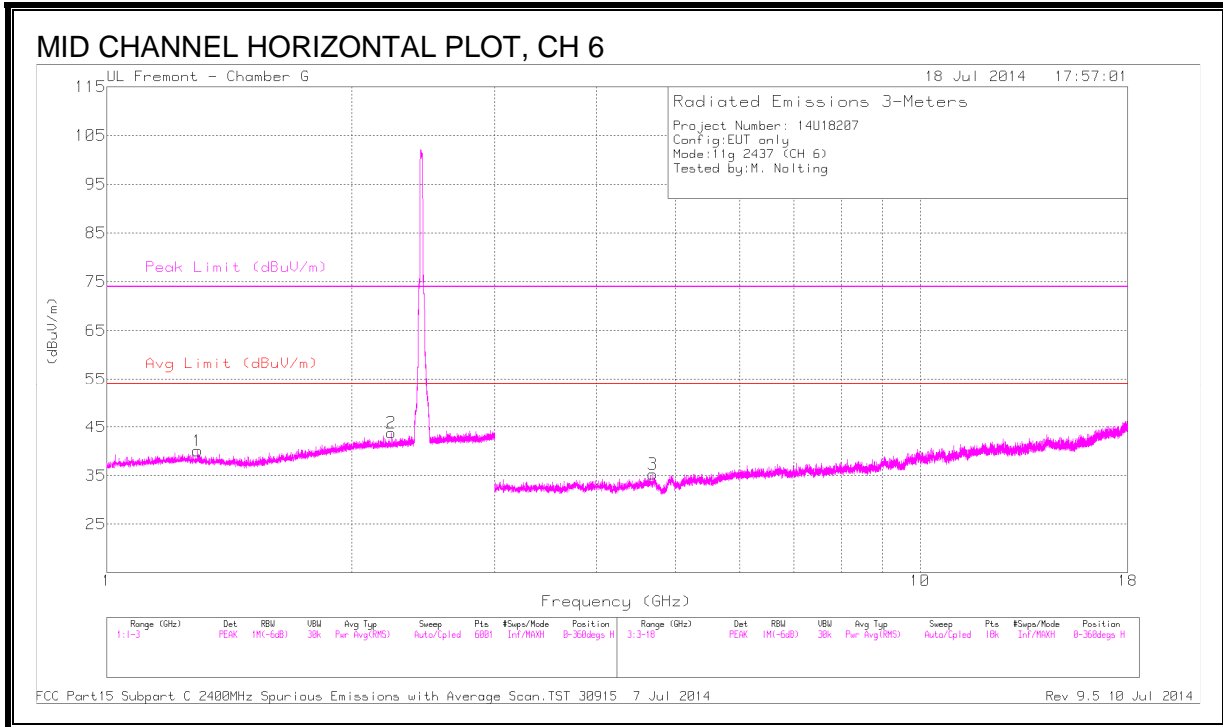
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.414	43.79	PK2	28.3	-25.7	46.39	-	-	74	-27.61	226	349	H
	* 1.418	31.74	MAv1	28.3	-25.7	34.34	54	-19.66	-	-	226	349	H
4	* 1.573	44.07	PK2	28.4	-25.5	46.97	-	-	74	-27.03	121	183	V
	* 1.574	31.83	MAv1	28.4	-25.5	34.73	54	-19.27	-	-	121	183	V
2	* 3.664	40.73	PK2	32.9	-32.6	41.03	-	-	74	-32.97	160	129	H
	* 3.665	29.1	MAv1	32.9	-32.5	29.5	54	-24.5	-	-	160	129	H
3	* 4.284	41.05	PK2	33.4	-32.7	41.75	-	-	74	-32.25	116	281	H
	* 4.282	29.03	MAv1	33.4	-32.7	29.73	54	-24.27	-	-	116	281	H
5	* 4.005	40.48	PK2	33.4	-32.6	41.28	-	-	74	-32.72	194	155	V
	* 4.007	29.11	MAv1	33.4	-32.6	29.91	54	-24.09	-	-	194	155	V
6	* 7.498	39.58	PK2	35.6	-30.8	44.38	-	-	74	-29.62	235	258	V
	* 7.497	28.26	MAv1	35.6	-30.8	33.06	54	-20.94	-	-	235	258	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



DATA

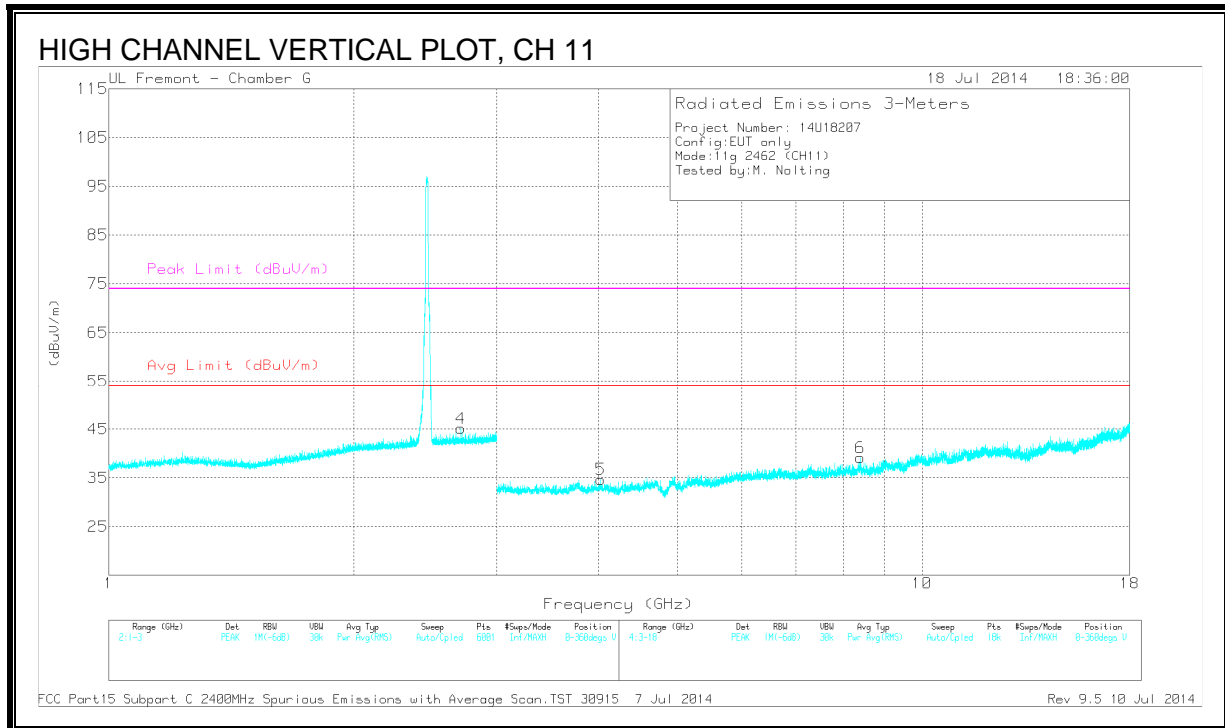
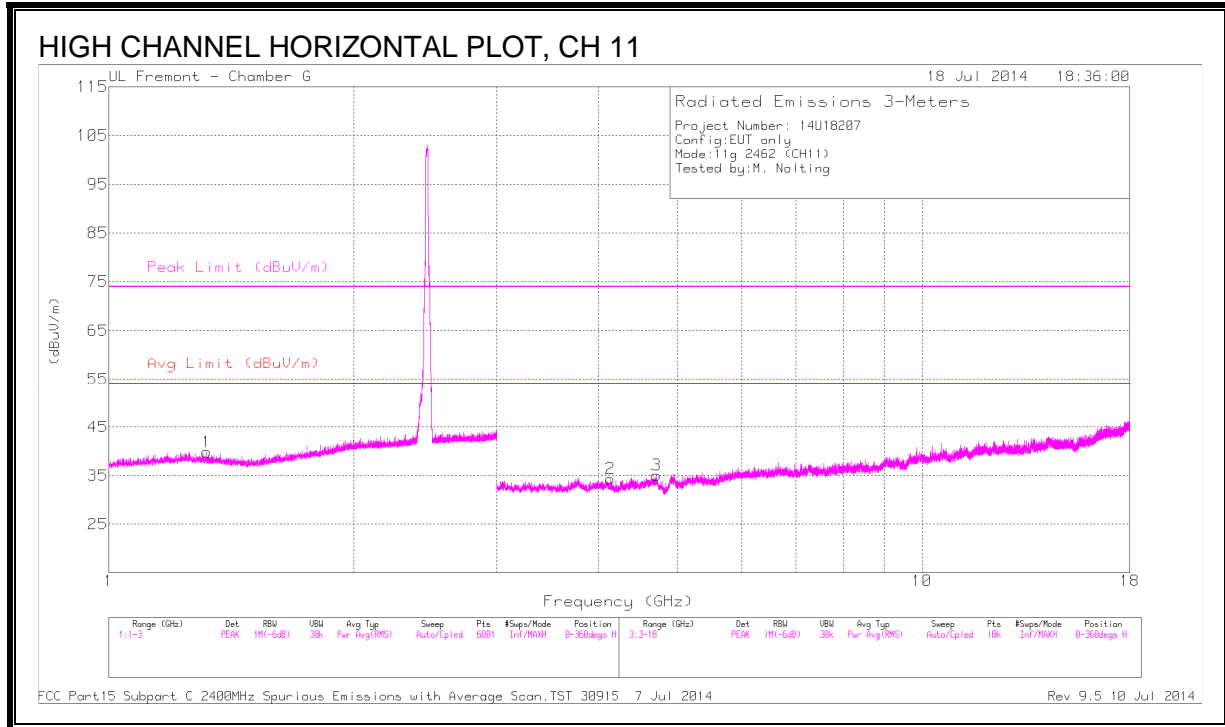
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.295	44.13	PK2	29	-26	47.13	-	-	74	-26.87	123	210	H
	* 1.293	32.17	MAv1	29	-26	35.17	54	-18.83	-	-	123	210	H
2	* 2.238	43.61	PK2	31.5	-25.1	50.01	-	-	74	-23.99	123	110	H
	* 2.24	32.1	MAv1	31.5	-25.1	38.5	54	-15.5	-	-	123	110	H
4	* 1.502	43.85	PK2	27.9	-25.6	46.15	-	-	74	-27.85	171	265	V
	* 1.503	31.91	MAv1	27.9	-25.6	34.21	54	-19.79	-	-	171	265	V
3	* 4.694	41.22	PK2	34	-33	42.22	-	-	74	-31.78	267	189	H
	* 4.695	29.8	MAv1	34	-33	30.8	54	-23.2	-	-	267	189	H
5	* 4.94	40.8	PK2	34.1	-33.1	41.8	-	-	74	-32.2	160	157	V
	* 4.938	29.92	MAv1	34.1	-33.1	30.92	54	-23.08	-	-	160	157	V
6	* 7.263	39.51	PK2	35.6	-30.9	44.21	-	-	74	-29.79	219	103	V
	* 7.26	28.33	MAv1	35.6	-30.9	33.03	54	-20.97	-	-	219	103	V
7	14.405	31.31	PK	39.9	-27.4	43.81	-	-	-	-	0-360	201	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

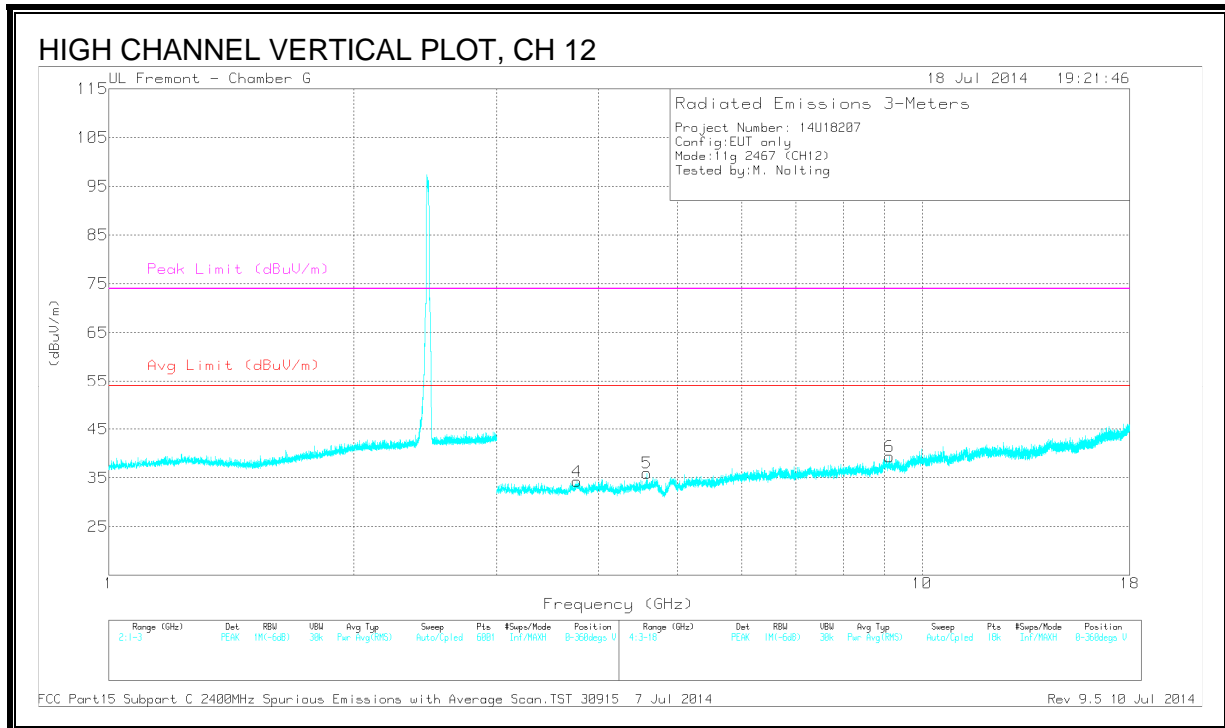
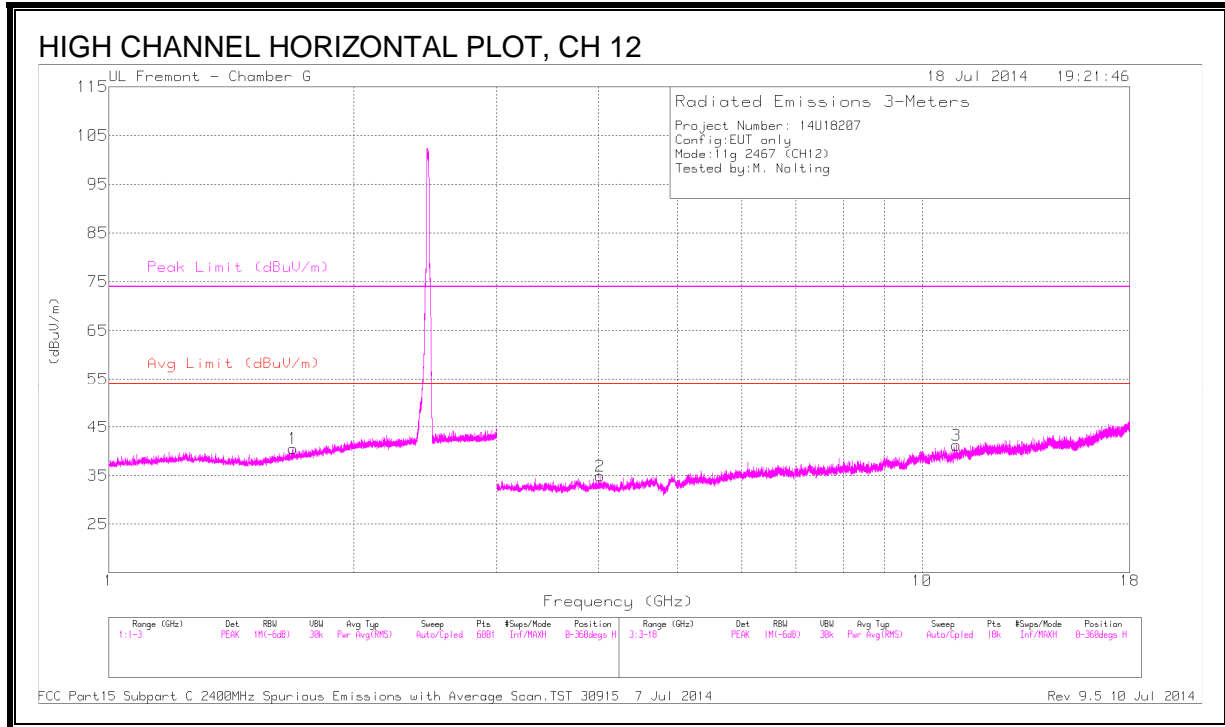
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.322	44.09	PK2	28.8	-26	46.89	-	-	74	-27.11	140	256	H
	* 1.322	32.12	MAv1	28.8	-26	34.92	54	-19.08	-	-	140	256	H
4	* 2.712	43.7	PK2	32.2	-24.8	51.1	-	-	74	-22.9	149	247	V
	* 2.712	31.84	MAv1	32.2	-24.8	39.24	54	-14.76	-	-	149	247	V
2	* 4.138	41.07	PK2	33.4	-33.5	40.97	-	-	74	-33.03	131	170	H
	* 4.141	30.12	MAv1	33.4	-33.6	29.92	54	-24.08	-	-	131	170	H
3	* 4.714	41.66	PK2	34	-33.1	42.56	-	-	74	-31.44	165	376	H
	* 4.715	30.04	MAv1	34	-33.1	30.94	54	-23.06	-	-	165	376	H
5	* 4.024	41.19	PK2	33.4	-32.7	41.89	-	-	74	-32.11	149	228	V
	* 4.025	29.58	MAv1	33.4	-32.7	30.28	54	-23.72	-	-	149	228	V
6	* 8.398	39.54	PK2	35.8	-29.4	45.94	-	-	74	-28.06	0	293	V
	* 8.4	27.48	MAv1	35.8	-29.5	33.78	54	-20.22	-	-	0	293	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

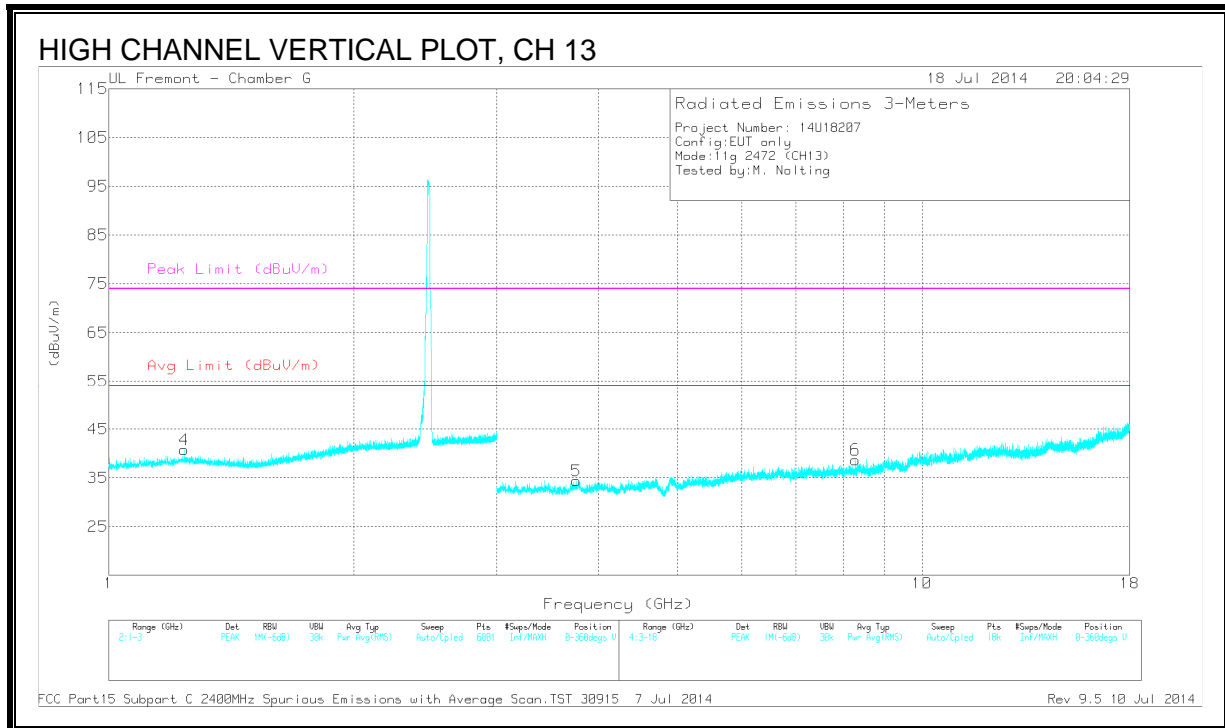
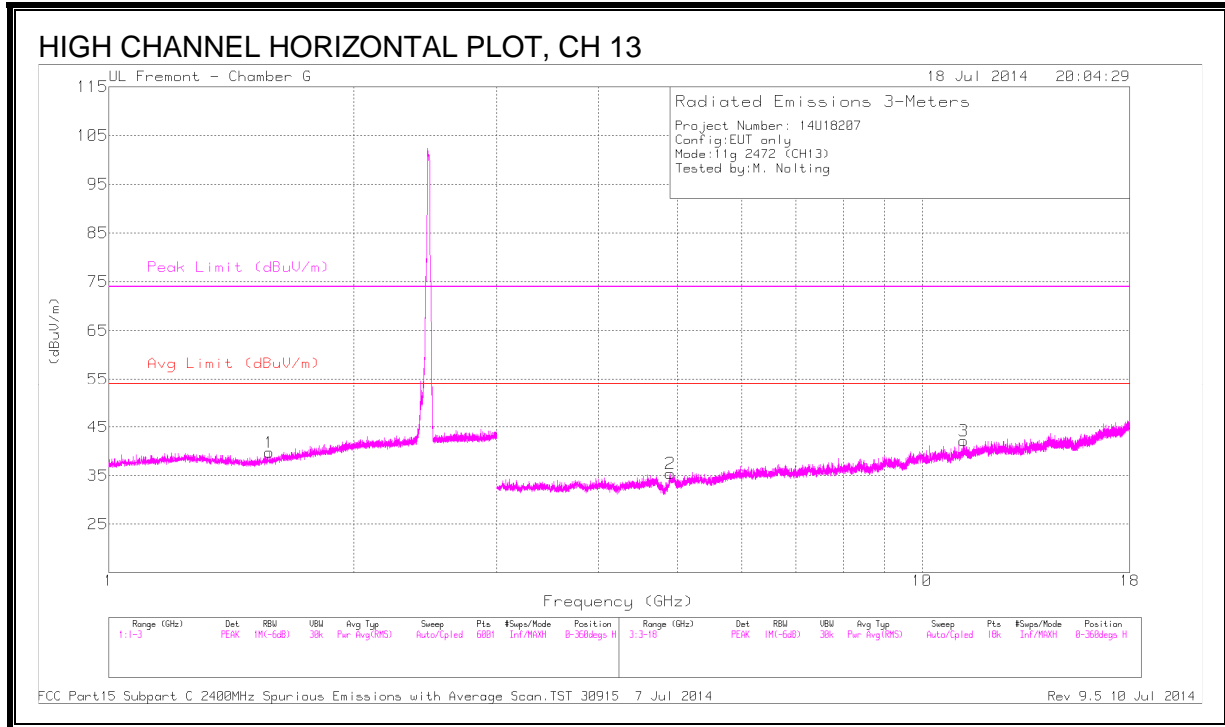
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.685	43.86	PK2	29.2	-25.4	47.66	-	-	74	-26.34	104	254	H
	* 1.686	31.87	MAv1	29.2	-25.4	35.67	54	-18.33	-	-	104	254	H
2	* 4.02	40.95	PK2	33.4	-32.7	41.65	-	-	74	-32.35	48	135	H
	* 4.02	29.48	MAv1	33.4	-32.7	30.18	54	-23.82	-	-	48	135	H
3	* 11.012	37.99	PK2	37.8	-26.6	49.19	-	-	74	-24.81	183	245	H
	* 11.013	25.2	MAv1	37.8	-26.6	36.4	54	-17.6	-	-	183	245	H
4	* 3.768	41.32	PK2	32.9	-32.4	41.82	-	-	74	-32.18	268	130	V
	* 3.768	29.84	MAv1	32.9	-32.4	30.34	54	-23.66	-	-	268	130	V
5	* 4.587	41.77	PK2	33.8	-33.3	42.27	-	-	74	-31.73	4	322	V
	* 4.59	30.24	MAv1	33.8	-33.3	30.74	54	-23.26	-	-	4	322	V
6	* 9.115	38.43	PK2	36.4	-28.8	46.03	-	-	74	-27.97	43	212	V
	* 9.113	27.05	MAv1	36.4	-28.8	34.65	54	-19.35	-	-	43	212	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



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/ Fltr/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	* 1.573	44.54	PK2	28.4	-25.5	47.44	-	-	74	-26.56	358	360	H
	* 1.577	32.06	MAv1	28.4	-25.5	34.96	54	-19.04	-	-	358	360	H
4	* 1.236	44.55	PK2	29.1	-26.1	47.55	-	-	74	-26.45	23	174	V
	* 1.238	32.41	MAv1	29.1	-26.1	35.41	54	-18.59	-	-	23	174	V
2	* 4.902	40.86	PK2	34.1	-33.1	41.86	-	-	74	-32.14	202	121	H
	* 4.903	29.53	MAv1	34.1	-33.1	30.53	54	-23.47	-	-	202	121	H
3	* 11.255	36.9	PK2	38	-26.1	48.8	-	-	74	-25.2	343	243	H
	* 11.255	25.08	MAv1	38	-26.1	36.98	54	-17.02	-	-	343	243	H
5	* 3.759	40.96	PK2	32.9	-32.2	41.66	-	-	74	-32.34	286	149	V
	* 3.759	29.64	MAv1	32.9	-32.3	30.24	54	-23.76	-	-	286	149	V
6	* 8.282	39.52	PK2	35.8	-30.6	44.72	-	-	74	-29.28	111	134	V
	* 8.281	28.07	MAv1	35.8	-30.5	33.37	54	-20.63	-	-	111	134	V

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

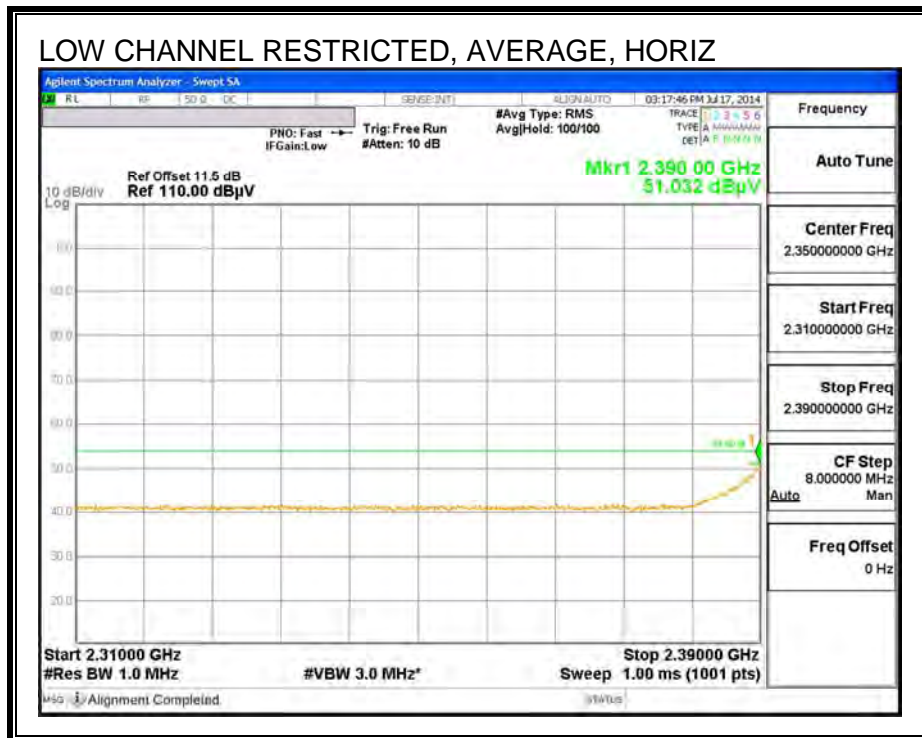
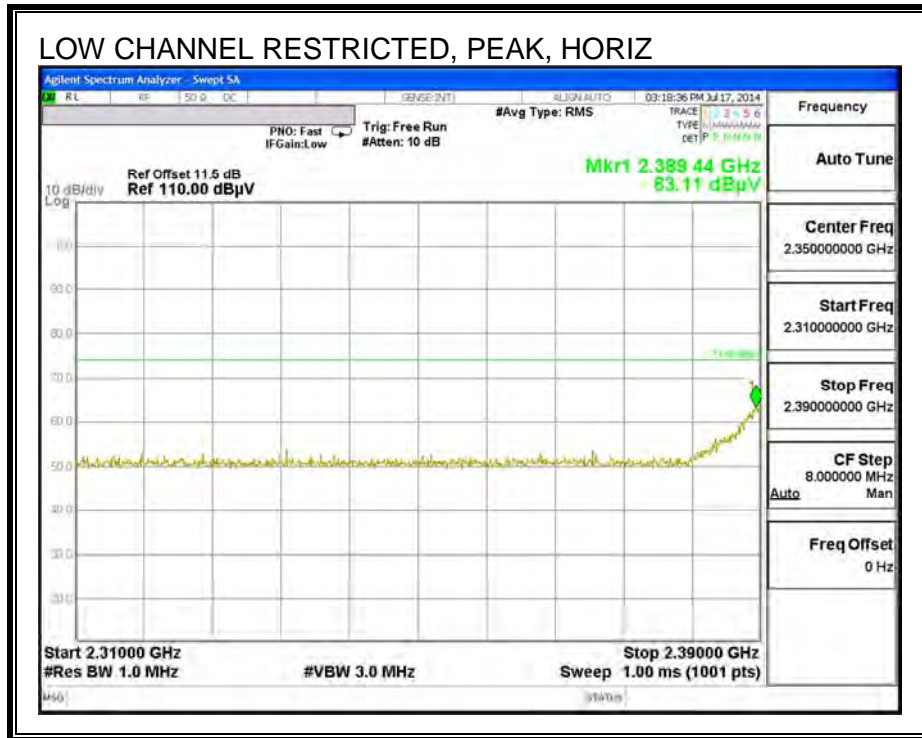
PK2 - KDB558074 Method: Maximum Peak

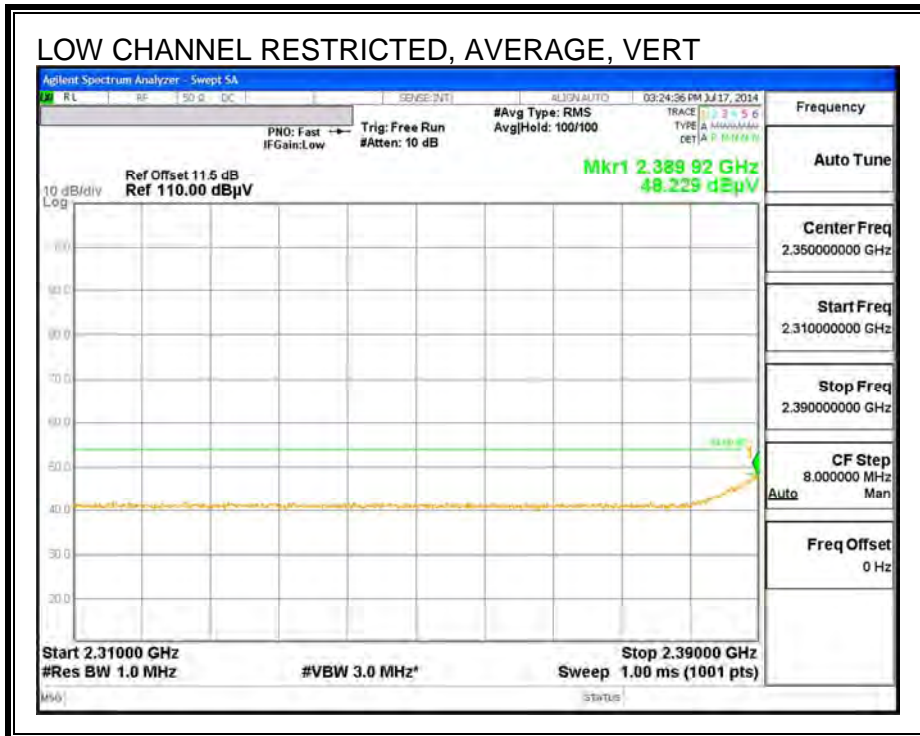
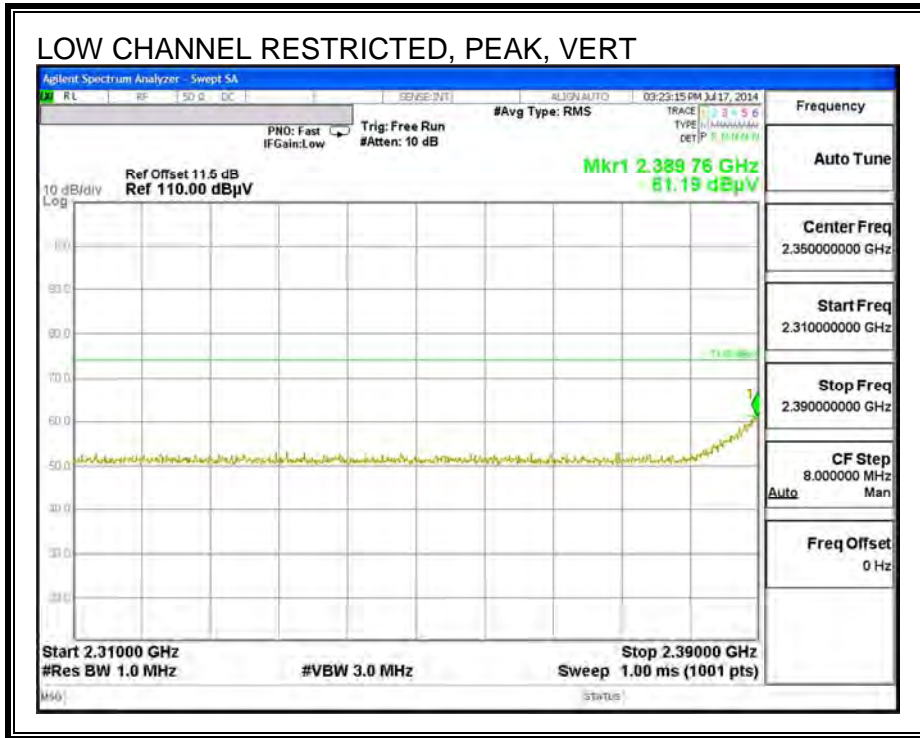
MAv1 - KDB558074 Option 1 Maximum RMS Average

MAv1 - KDB558074 Option 1 Maximum RMS Average

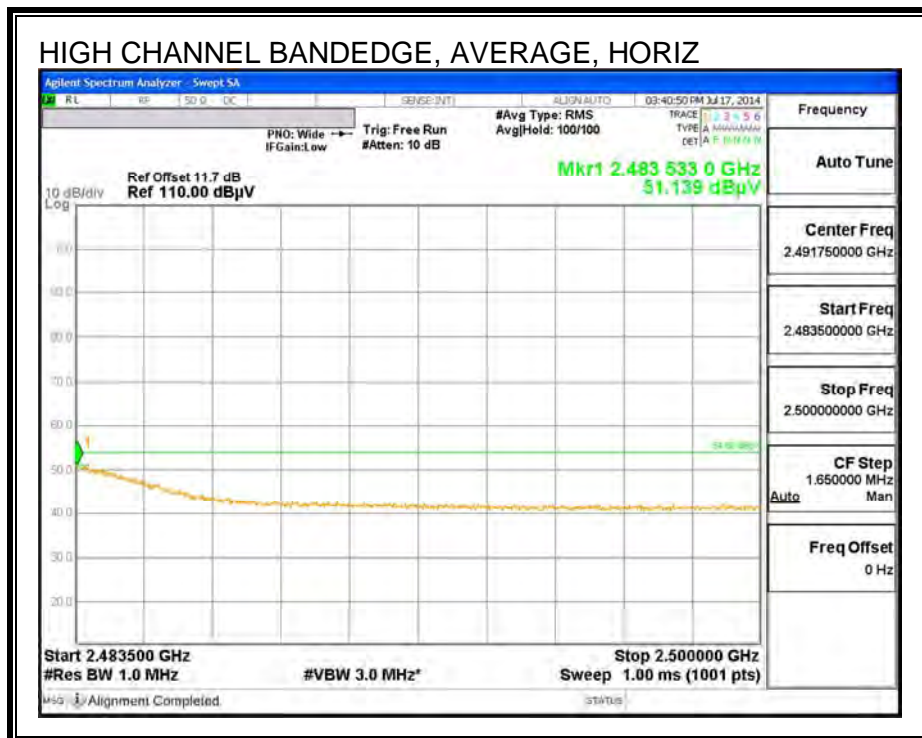
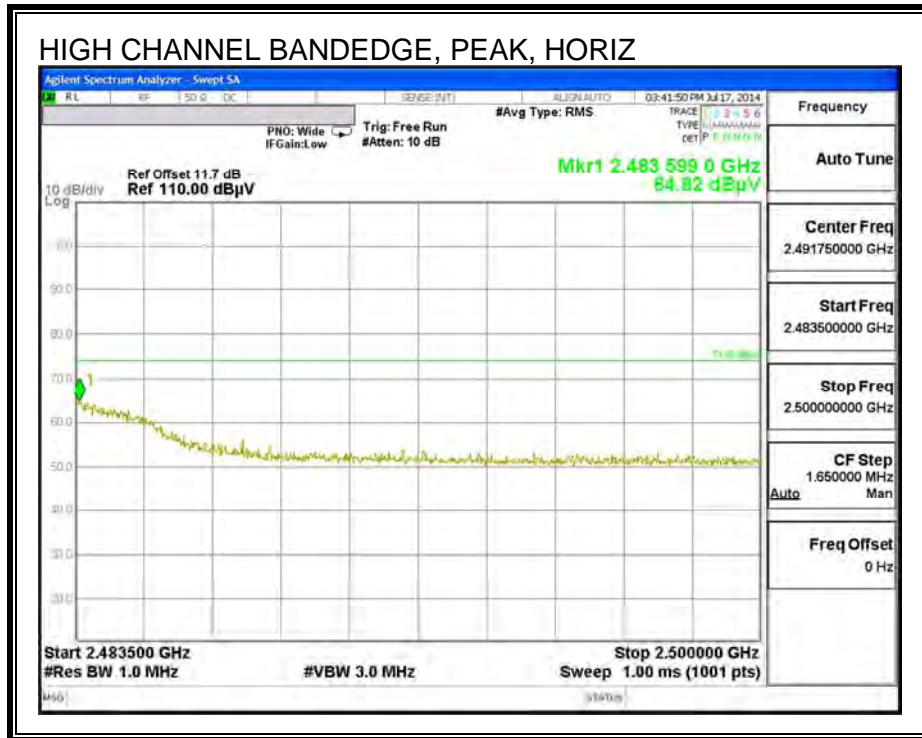
10.2.5. 802.11g 1Tx SISO ANTENNA A ANTENNA MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL, CHANNEL 1)

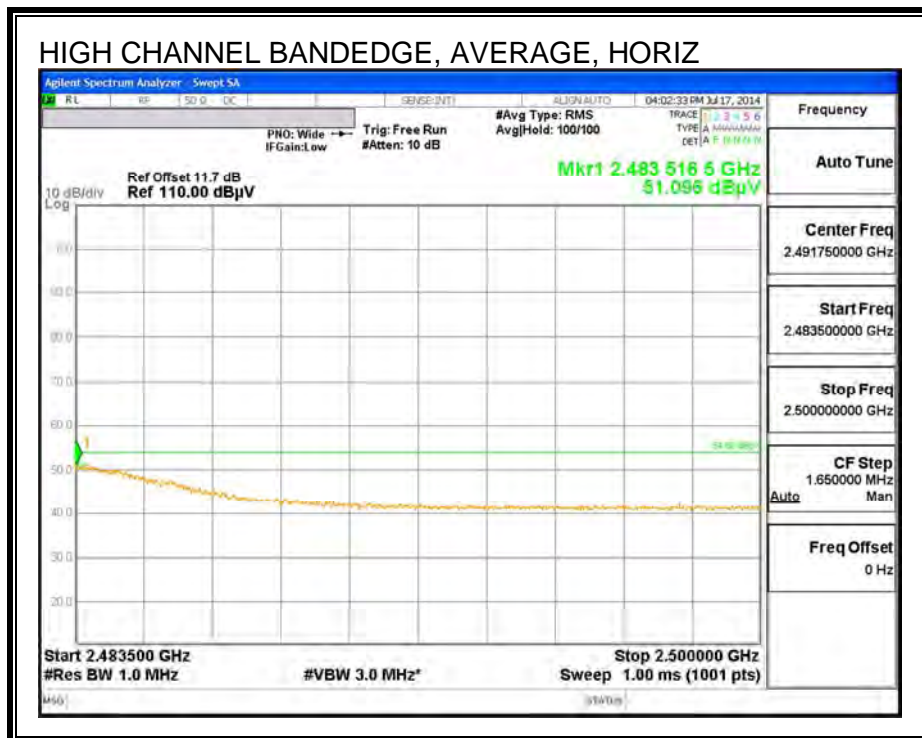
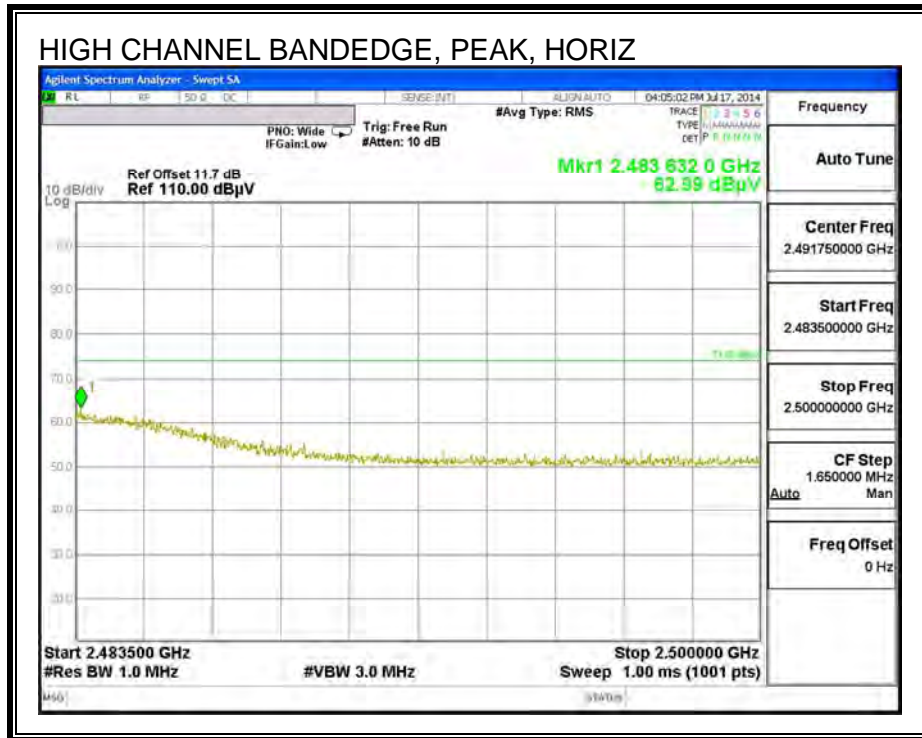


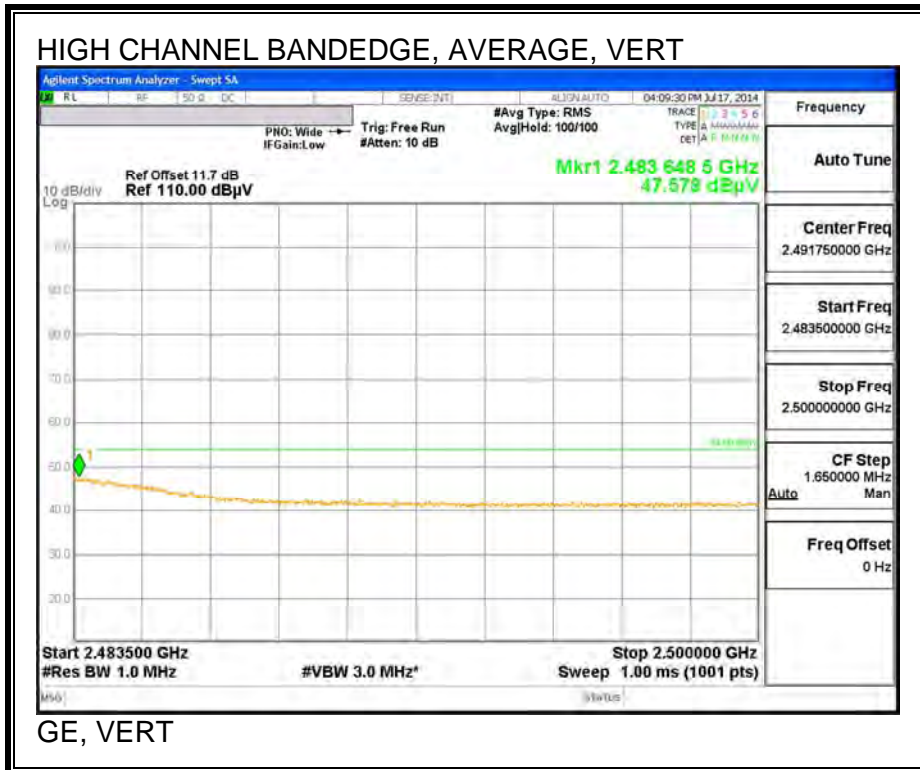
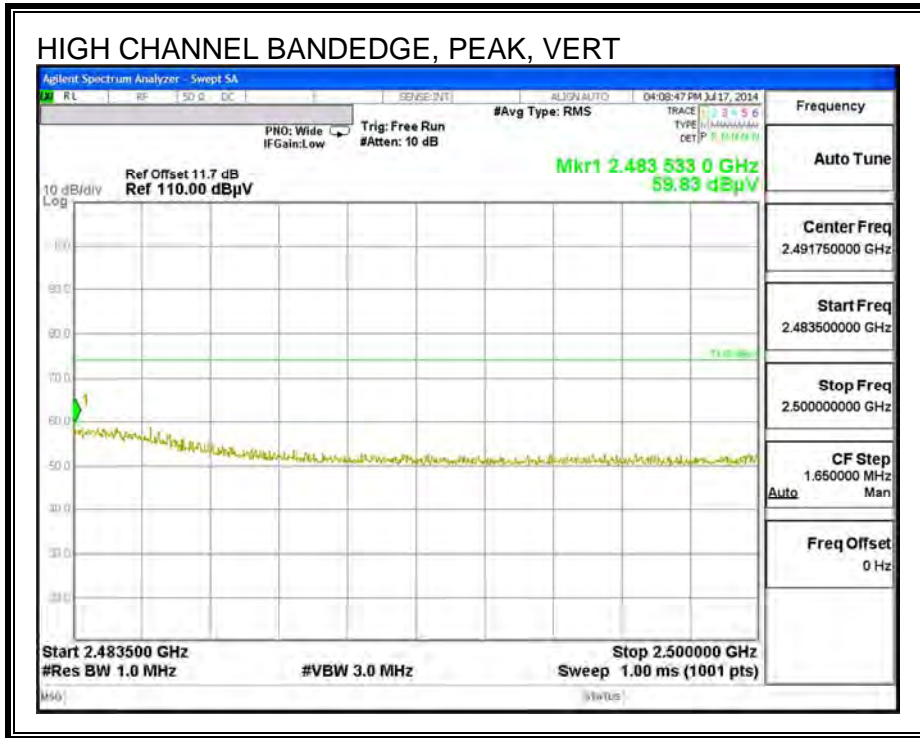


RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 11)

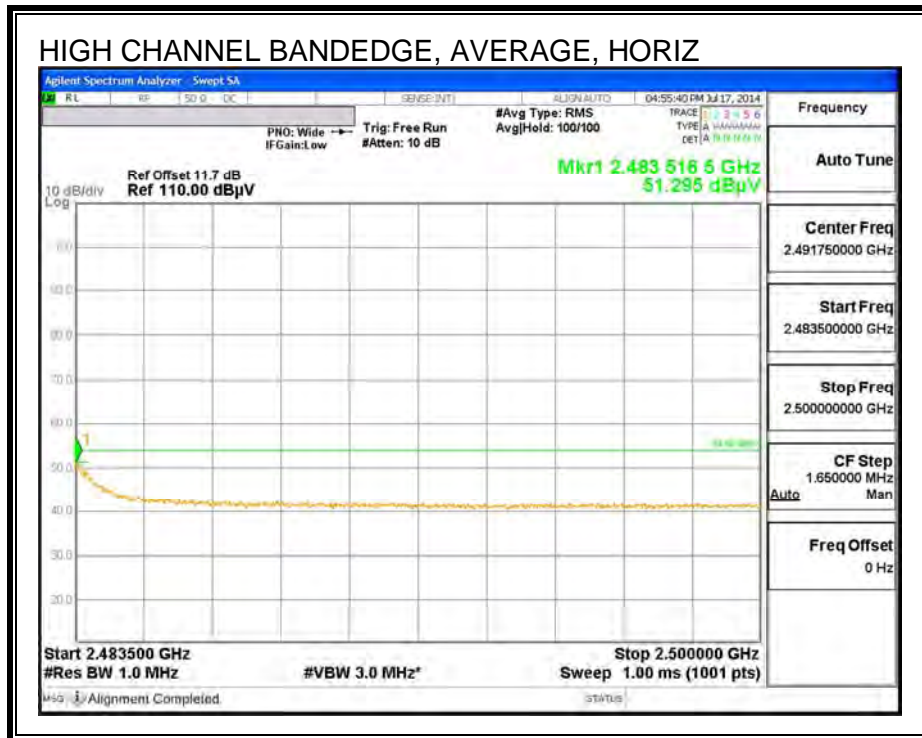
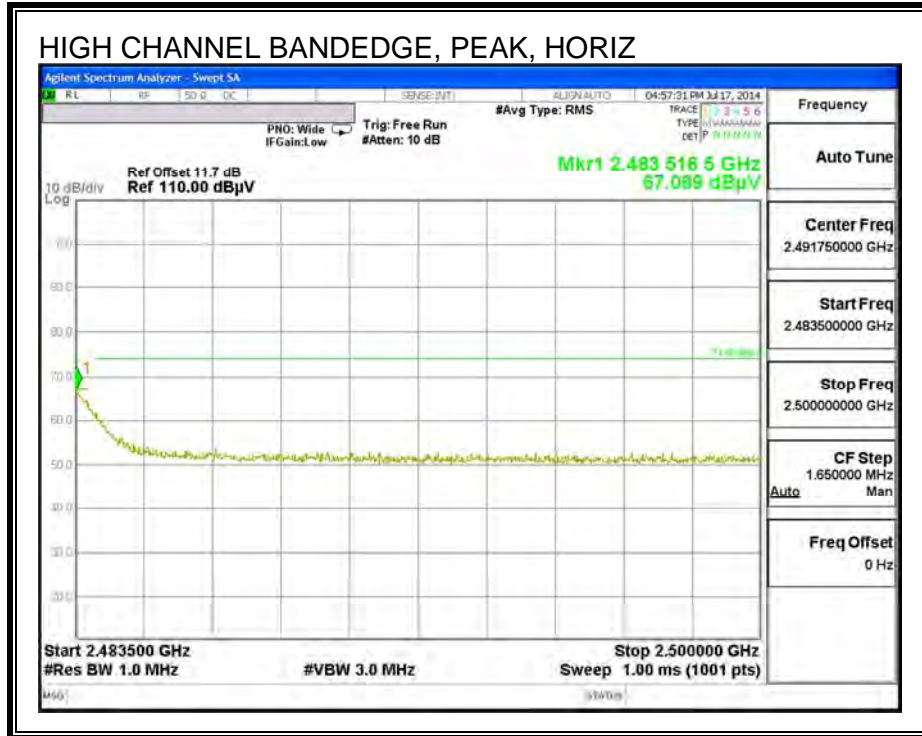


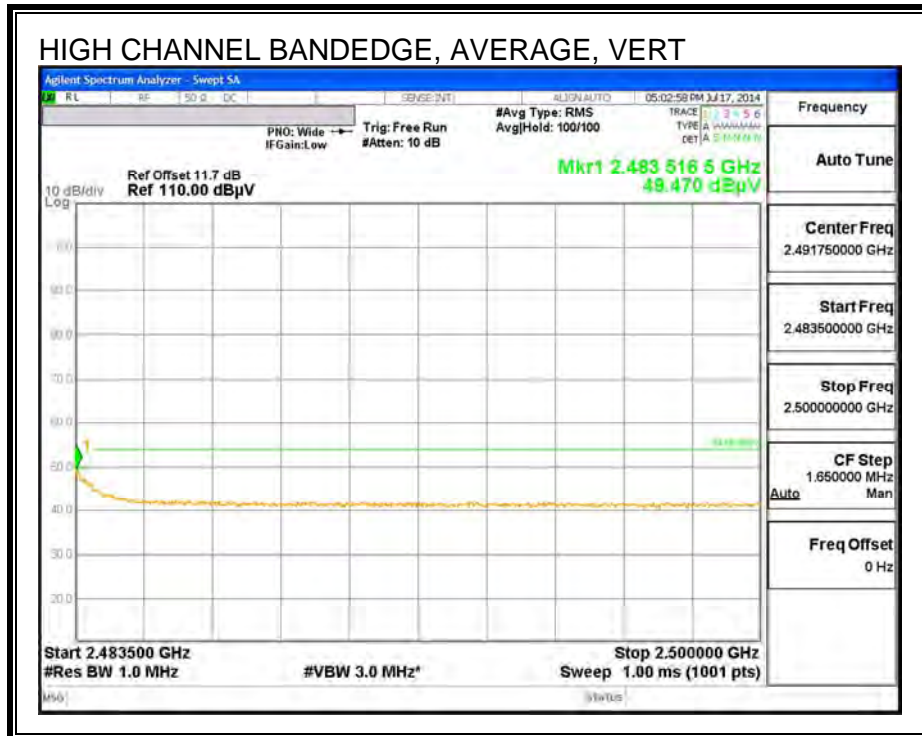
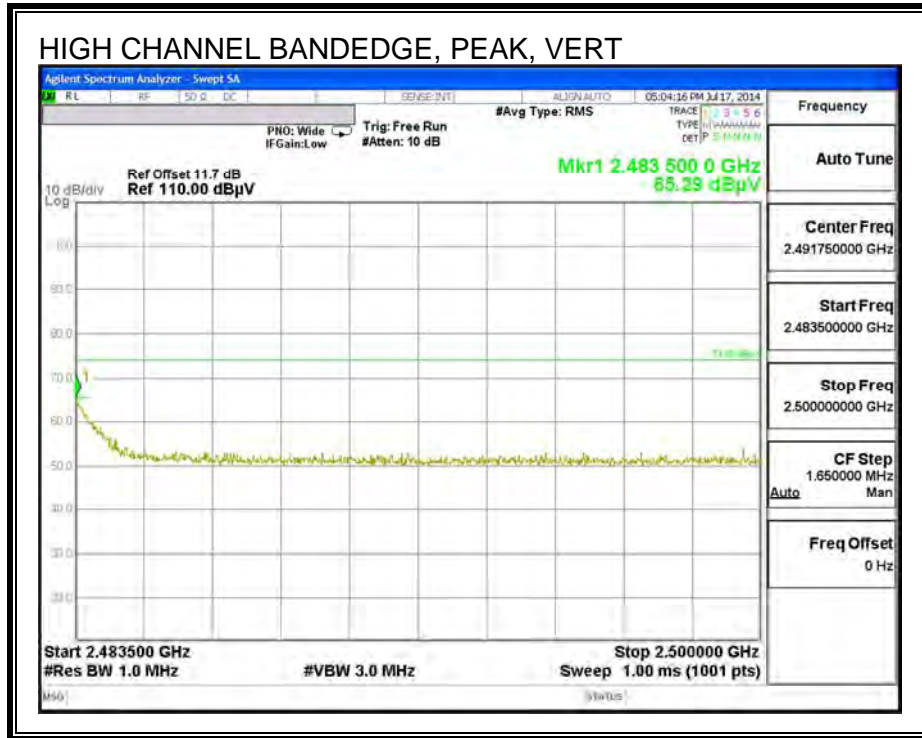
RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 12)



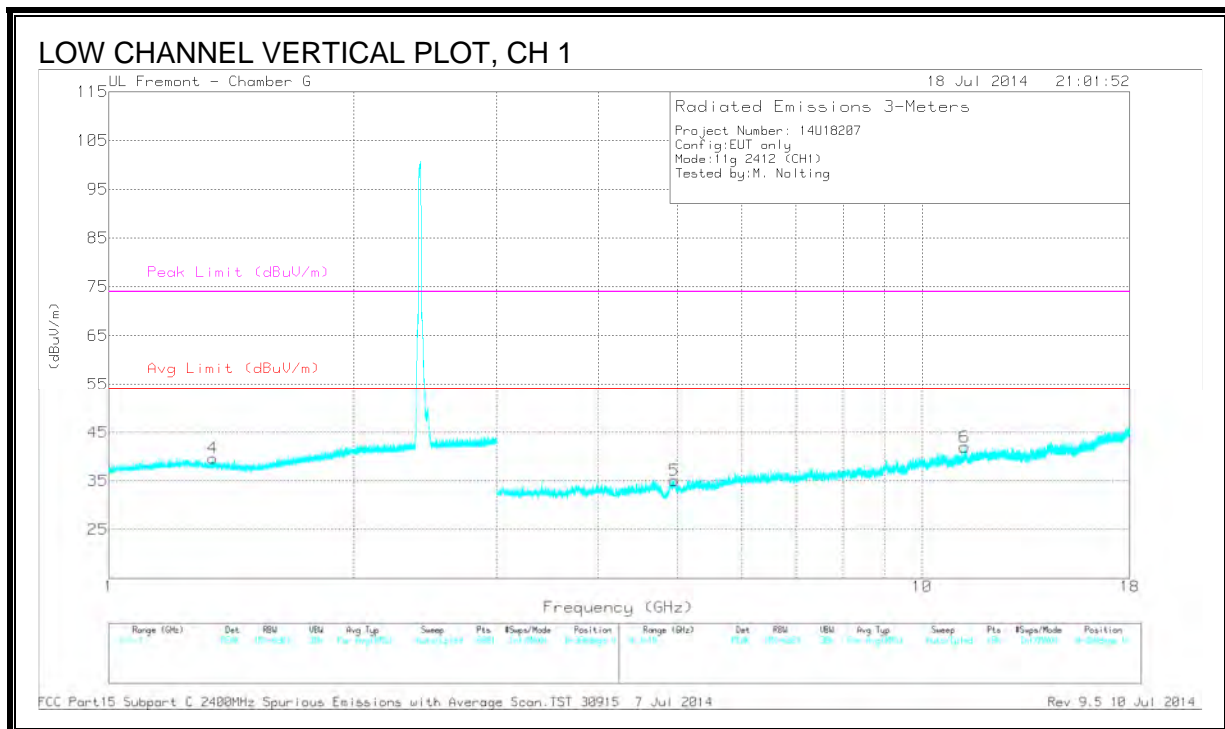
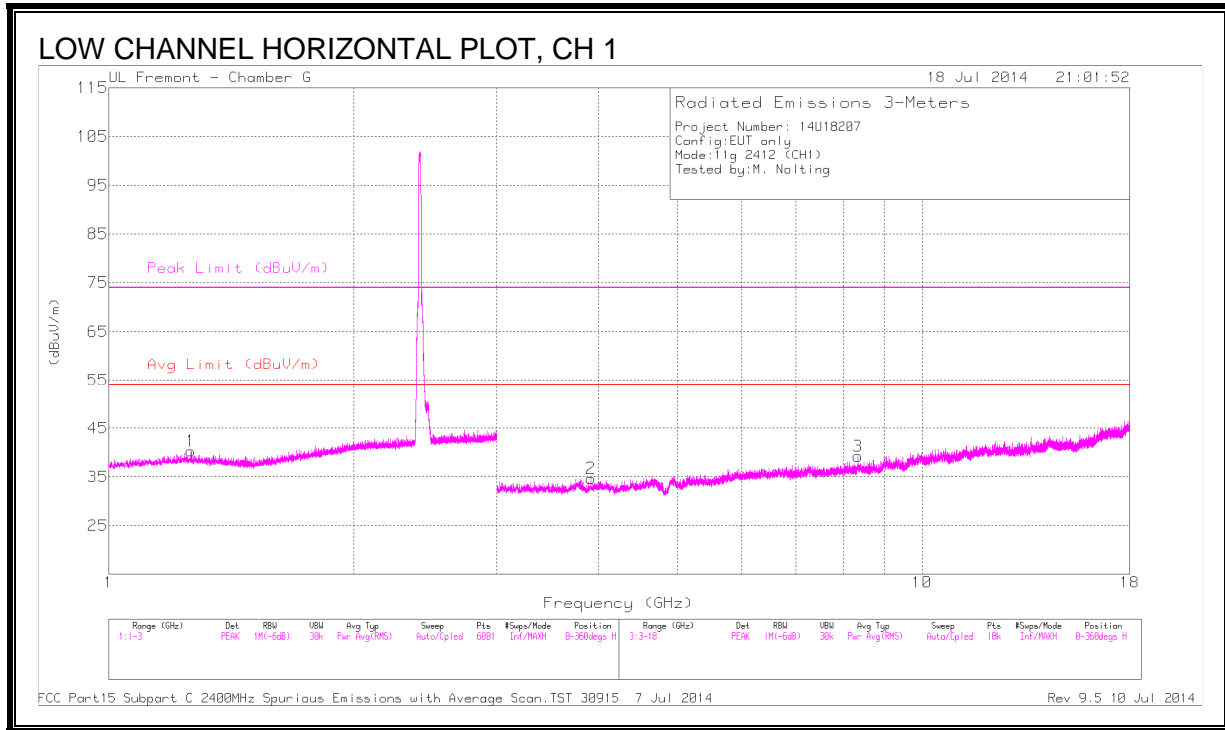


RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 13)





LOW CHANNEL 2412MHZ, HARMONICS AND SPURIOUS EMISSIONS

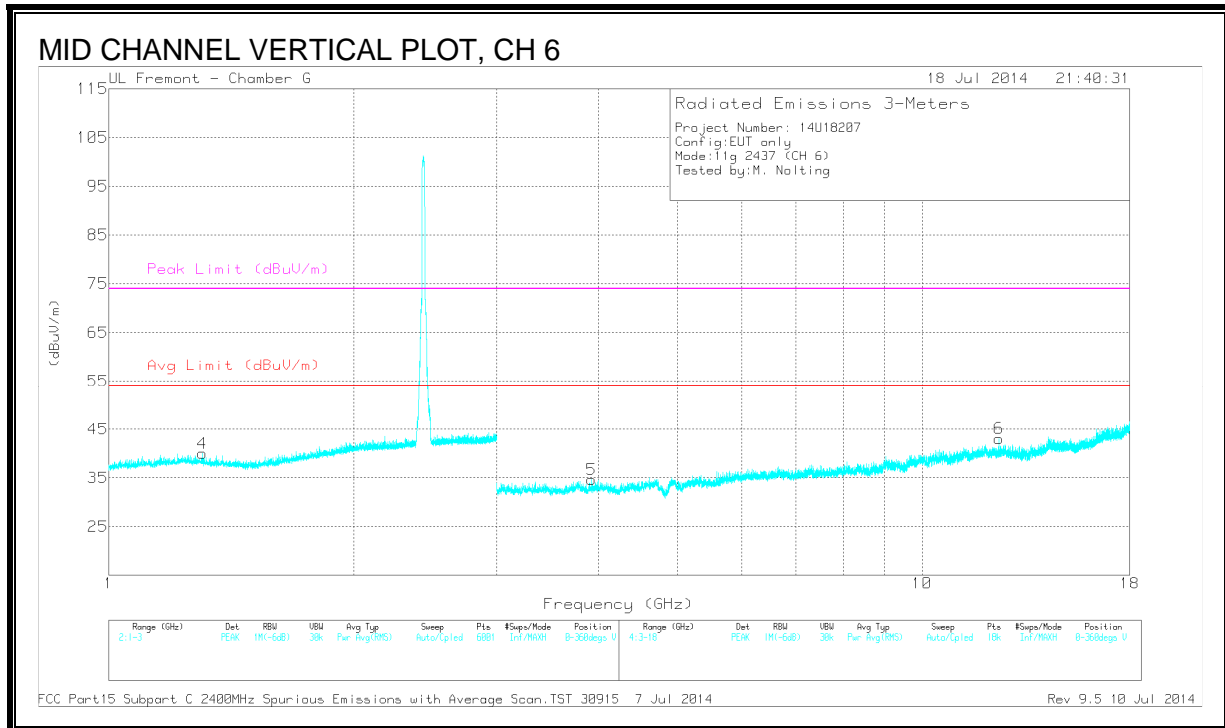
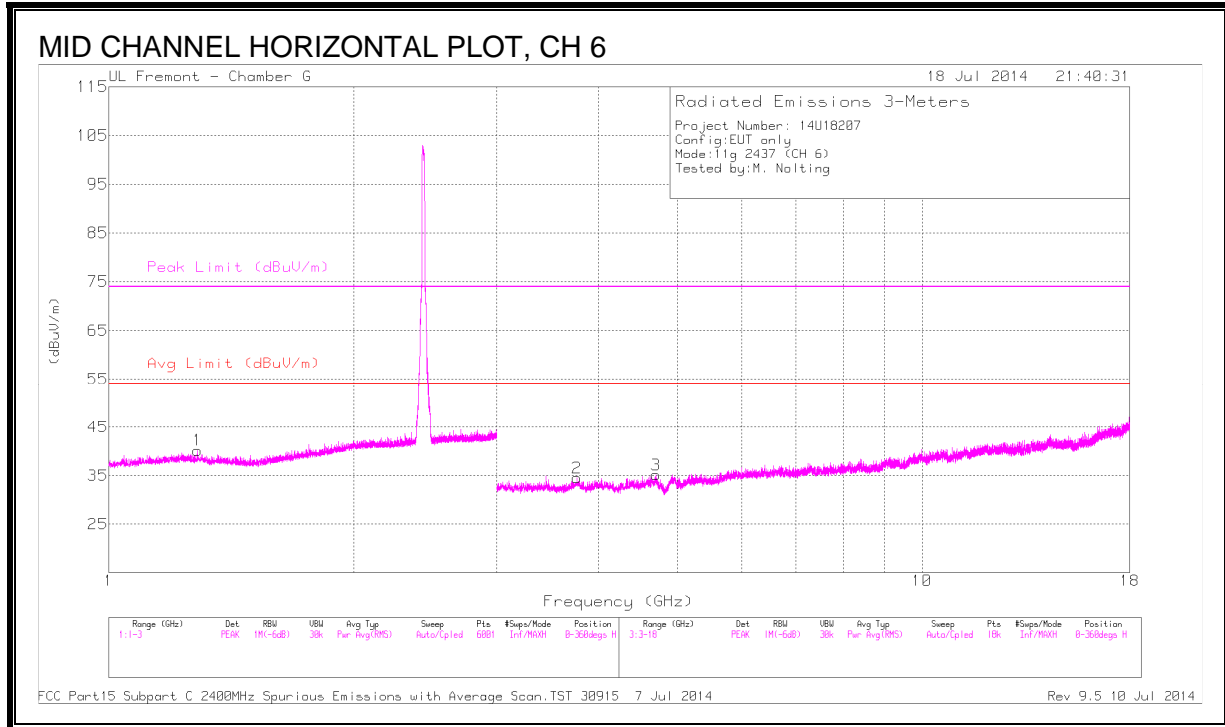


DATA

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)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.262	43.85	PK2	29.1	-26	46.95	-	-	74	-27.05	329	244	H
	* 1.262	32.2	MAv1	29.1	-26	35.3	54	-18.7	-	-	329	244	H
4	* 1.341	44.2	PK2	28.7	-25.9	47	-	-	74	-27	87	167	V
	* 1.343	32.1	MAv1	28.7	-25.9	34.9	54	-19.1	-	-	87	167	V
2	* 3.914	42.07	PK2	33.2	-33.8	41.47	-	-	74	-32.53	161	118	H
	* 3.912	30.41	MAv1	33.2	-33.8	29.81	54	-24.19	-	-	161	118	H
3	* 8.338	39.87	PK2	35.8	-30	45.67	-	-	74	-28.33	260	351	H
	* 8.339	28.22	MAv1	35.8	-30	34.02	54	-19.98	-	-	260	351	H
5	* 4.956	41.28	PK2	34.1	-32.9	42.48	-	-	74	-31.52	11	151	V
	* 4.957	30.18	MAv1	34.1	-32.9	31.38	54	-22.62	-	-	11	151	V
6	* 11.278	36.02	PK2	38	-26	48.02	-	-	74	-25.98	301	211	V
	* 11.279	25.06	MAv1	38	-26	37.06	54	-16.94	-	-	301	211	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



DATA

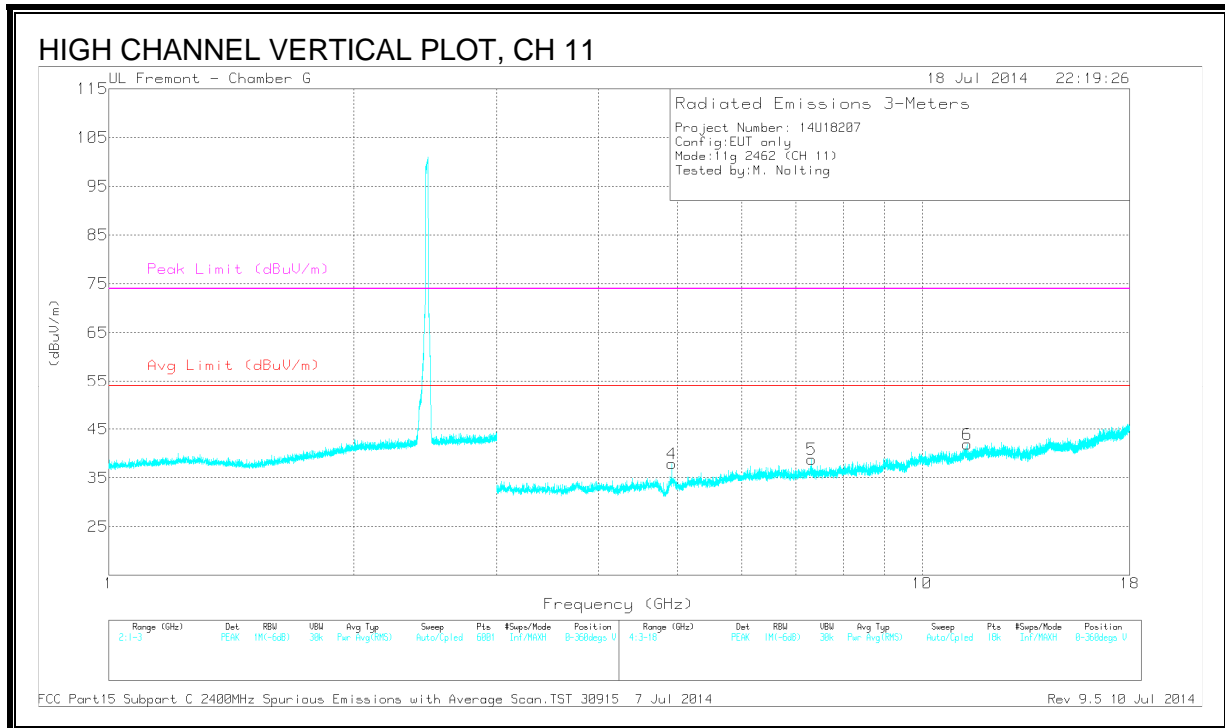
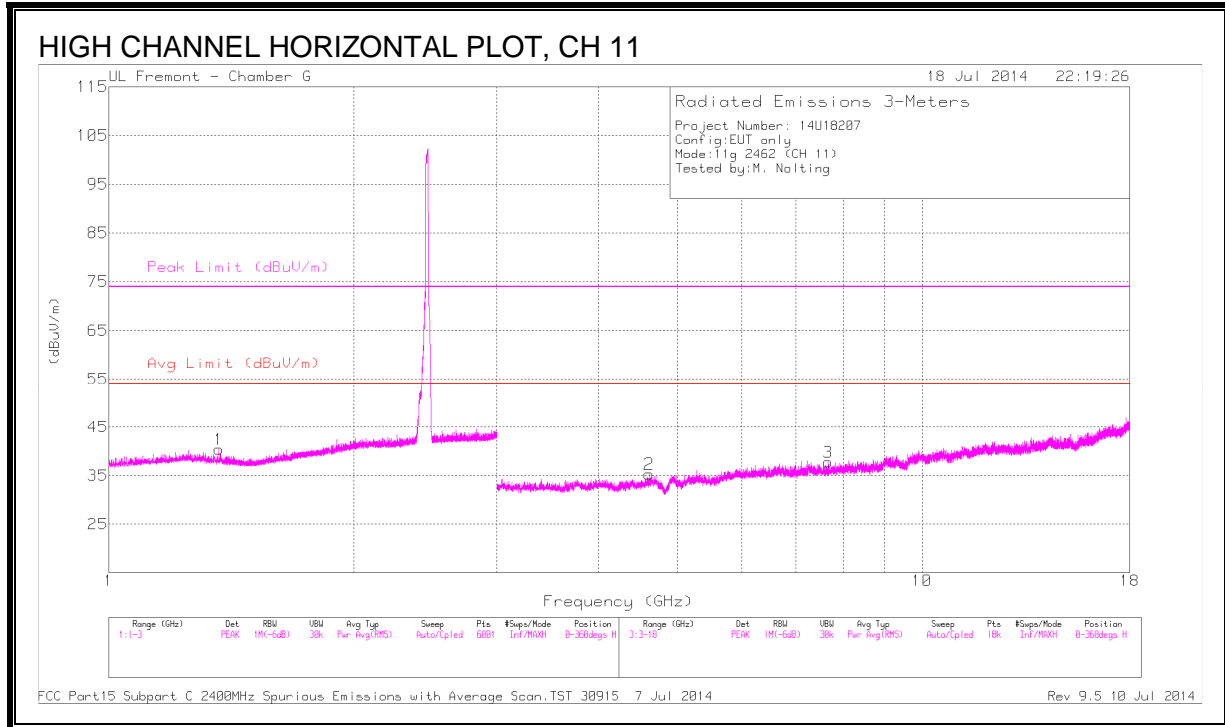
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filt r/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.286	44.35	PK2	29	-26	47.35	-	-	74	-26.65	93	129	H
	* 1.288	32.14	MAv1	29	-26	35.14	54	-18.86	-	-	93	129	H
4	* 1.305	44.13	PK2	28.9	-26	47.03	-	-	74	-26.97	339	267	V
	* 1.304	32.32	MAv1	28.9	-26	35.22	54	-18.78	-	-	339	267	V
2	* 3.765	41.25	PK2	32.9	-32.3	41.85	-	-	74	-32.15	141	115	H
	* 3.767	29.87	MAv1	32.9	-32.4	30.37	54	-23.63	-	-	141	115	H
3	* 4.708	41.73	PK2	34	-33	42.73	-	-	74	-31.27	64	223	H
	* 4.71	30.18	MAv1	34	-33	31.18	54	-22.82	-	-	64	223	H
5	* 3.924	42.18	PK2	33.2	-33.6	41.78	-	-	74	-32.22	0	116	V
	* 3.923	30.23	MAv1	33.2	-33.6	29.83	54	-24.17	-	-	0	116	V
6	* 12.419	36.81	PK2	38.9	-27.2	48.51	-	-	74	-25.49	347	103	V
	* 12.418	25.45	MAv1	38.9	-27.2	37.15	54	-16.85	-	-	347	103	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

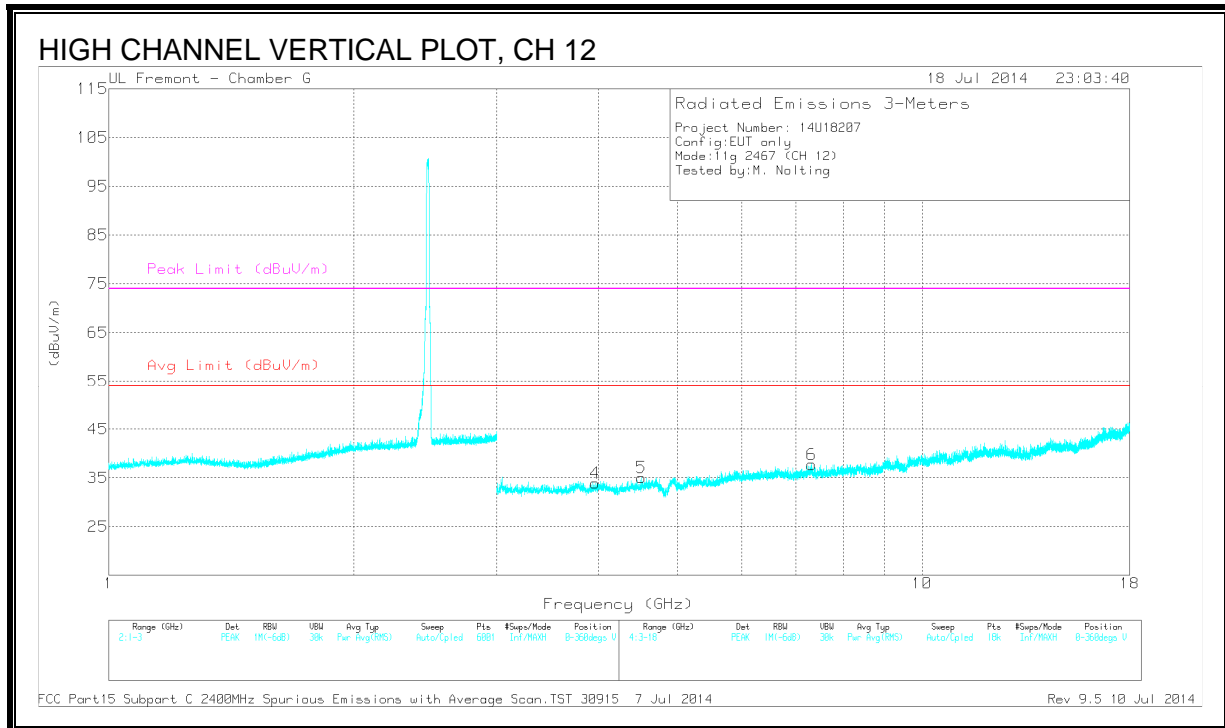
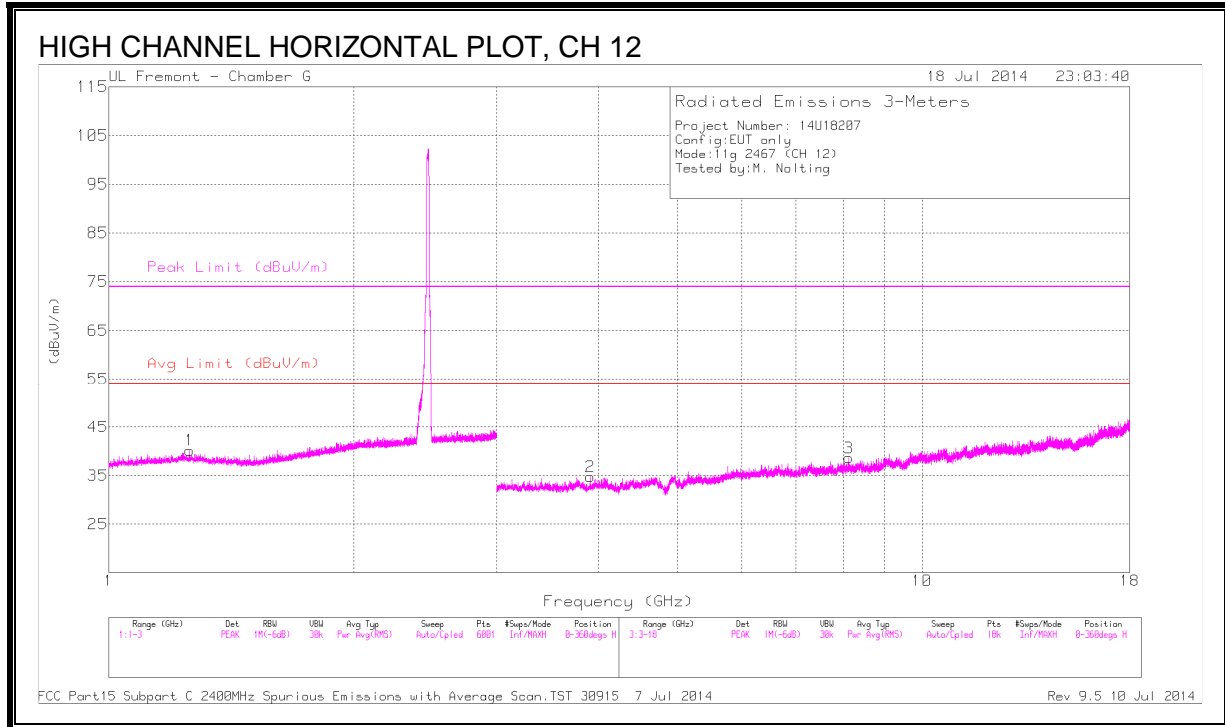


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filter/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	* 1.366	44.55	PK2	28.6	-25.9	47.25	-	-	74	-26.75	88	180	H
	* 1.365	32.17	MAv1	28.6	-25.9	34.87	54	-19.13	-	-	88	180	H
2	* 4.616	41.36	PK2	33.9	-33.2	42.06	-	-	74	-31.94	137	150	H
	* 4.613	29.99	MAv1	33.9	-33.3	30.59	54	-23.41	-	-	137	150	H
3	* 7.66	39.78	PK2	35.7	-31.2	44.28	-	-	74	-29.72	239	342	H
	* 7.66	28.51	MAv1	35.7	-31.2	33.01	54	-20.99	-	-	239	342	H
4	* 4.917	44.14	PK2	34.1	-33.2	45.04	-	-	74	-28.96	26	331	V
	* 4.928	32.32	MAv1	34.1	-33.1	33.32	54	-20.68	-	-	26	331	V
5	* 7.318	39.95	PK2	35.6	-31.1	44.45	-	-	74	-29.55	100	166	V
	* 7.31	29	MAv1	35.6	-31	33.6	54	-20.4	-	-	100	166	V
6	* 11.369	36.85	PK2	38.1	-26.7	48.25	-	-	74	-25.75	222	276	V
	* 11.367	25.11	MAv1	38.1	-26.7	36.51	54	-17.49	-	-	222	276	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

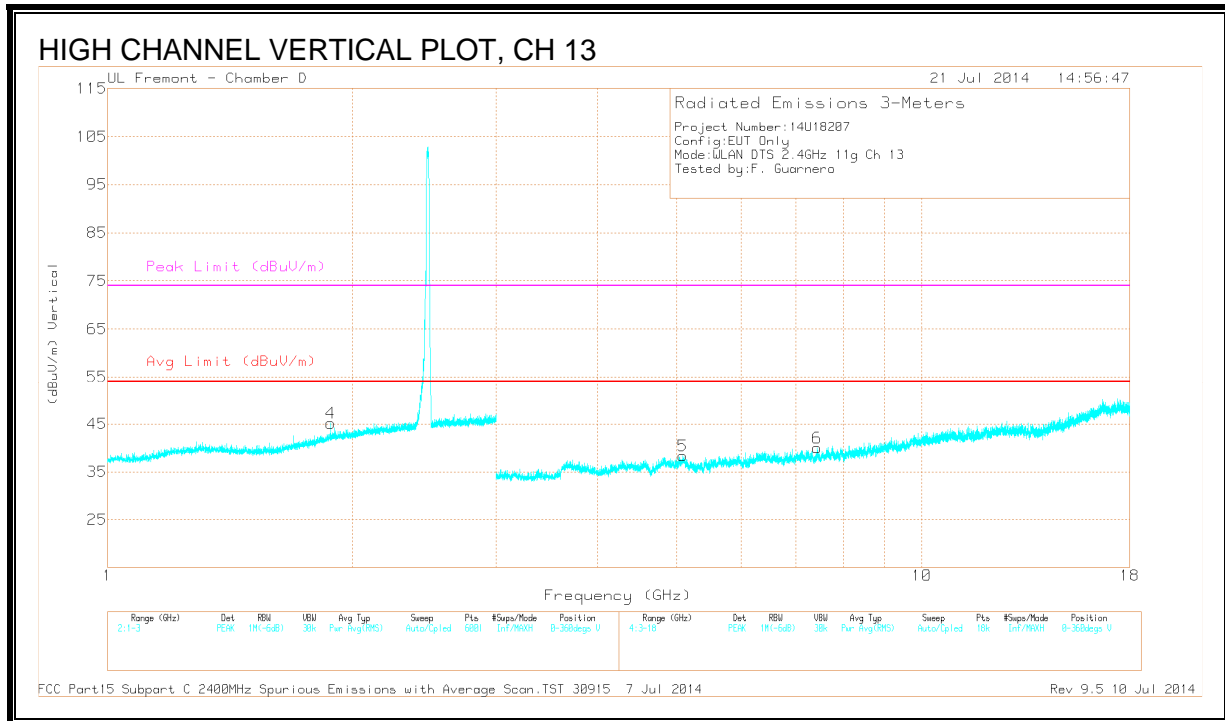
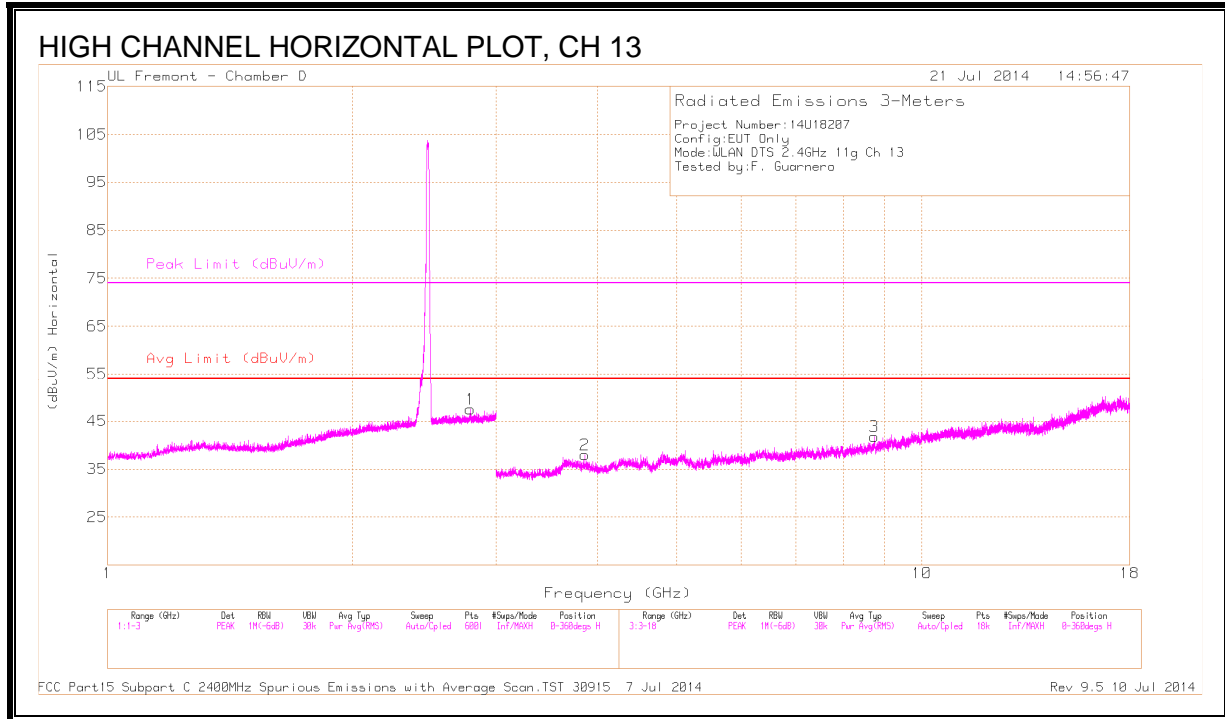


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filter/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	* 1.259	44.27	PK2	29.2	-26	47.47	-	-	74	-26.53	239	131	H
	* 1.259	32.16	MAv1	29.2	-26	35.36	54	-18.64	-	-	239	131	H
2	* 3.908	41.97	PK2	33.2	-33.9	41.27	-	-	74	-32.73	3	217	H
	* 3.907	30.55	MAv1	33.2	-33.9	29.85	54	-24.15	-	-	3	217	H
3	* 8.124	39.21	PK2	35.8	-30	45.01	-	-	74	-28.99	297	112	H
	* 8.125	27.78	MAv1	35.8	-30	33.58	54	-20.42	-	-	297	112	H
4	* 3.966	41.72	PK2	33.3	-33.2	41.82	-	-	74	-32.18	63	392	V
	* 3.965	30.2	MAv1	33.3	-33.2	30.3	54	-23.7	-	-	63	392	V
5	* 4.52	41.05	PK2	33.7	-33.3	41.45	-	-	74	-32.55	197	246	V
	* 4.521	30.05	MAv1	33.7	-33.3	30.45	54	-23.55	-	-	197	246	V
6	* 7.317	40.47	PK2	35.6	-31.1	44.97	-	-	74	-29.03	259	330	V
	* 7.317	29.07	MAv1	35.6	-31.1	33.57	54	-20.43	-	-	259	330	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



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/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	* 2.788	41.48	PK2	32.5	-19.9	54.08	-	-	74	-19.92	79	202	H
	* 2.789	29.62	MAv1	32.5	-19.9	42.22	54	-11.78	-	-	79	202	H
2	* 3.855	38.86	PK2	33.5	-28.8	43.56	-	-	74	-30.44	271	168	H
	* 3.855	27.48	MAv1	33.5	-28.8	32.18	54	-21.82	-	-	271	168	H
5	* 5.088	37.12	PK2	34.3	-26	45.42	-	-	74	-28.58	21	212	V
	* 5.09	26.05	MAv1	34.3	-25.9	34.45	54	-19.55	-	-	21	212	V
6	* 7.441	36.73	PK2	35.6	-24.8	47.53	-	-	74	-26.47	21	212	V
	* 7.438	24.57	MAv1	35.6	-24.8	35.37	54	-18.63	-	-	21	212	V
4	1.88	43.05	PK2	30.7	-21.2	52.55	-	-	-	-	224	204	V
3	8.736	35.79	PK2	36	-23.2	48.59	-	-	-	-	271	168	H

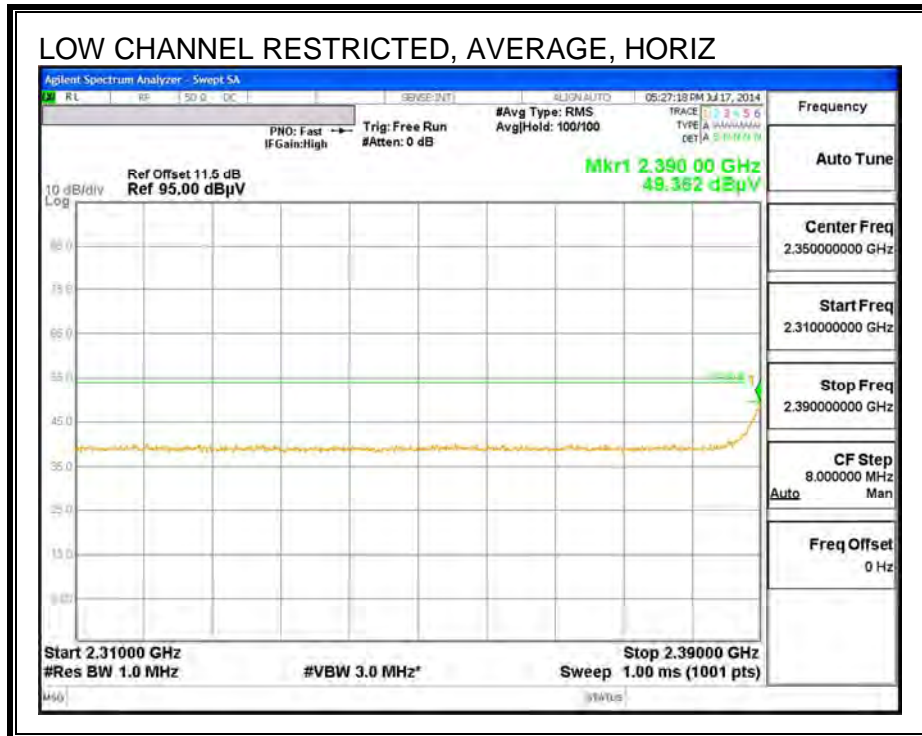
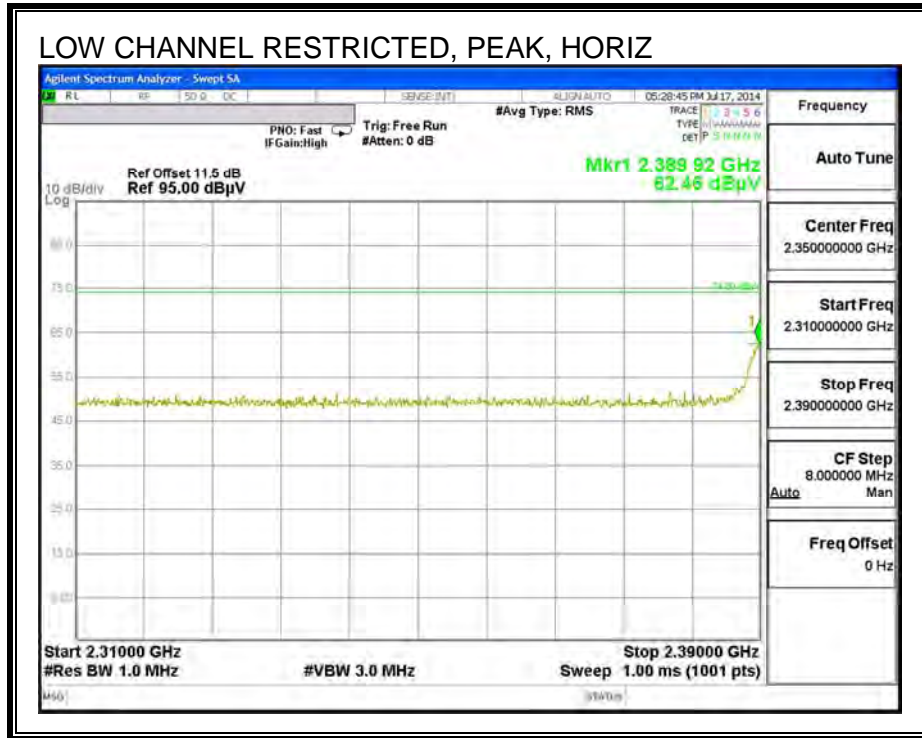
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

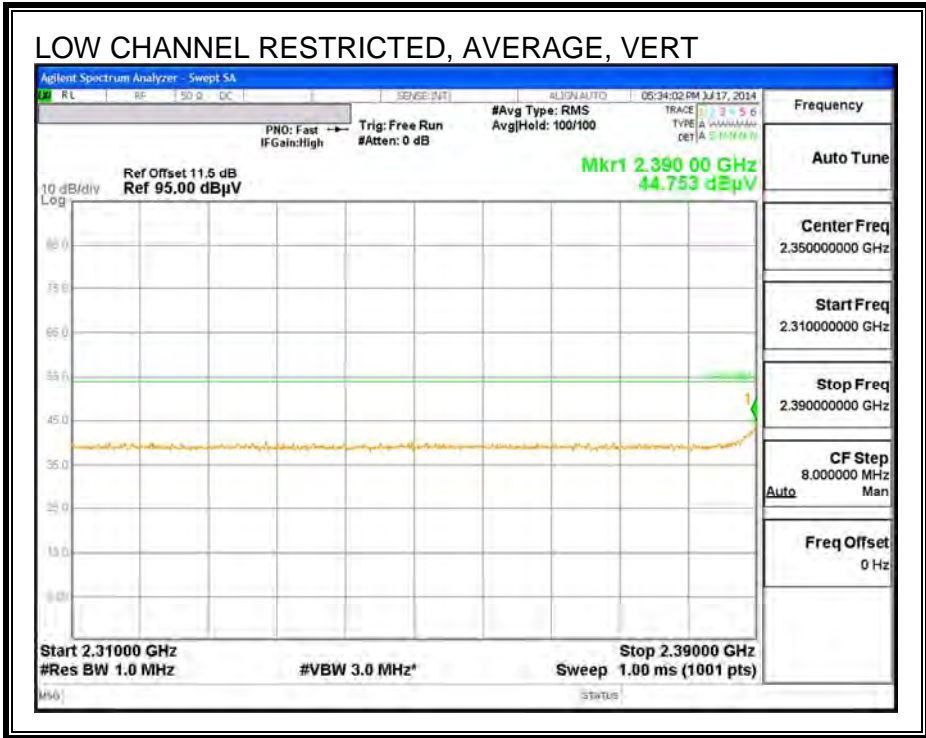
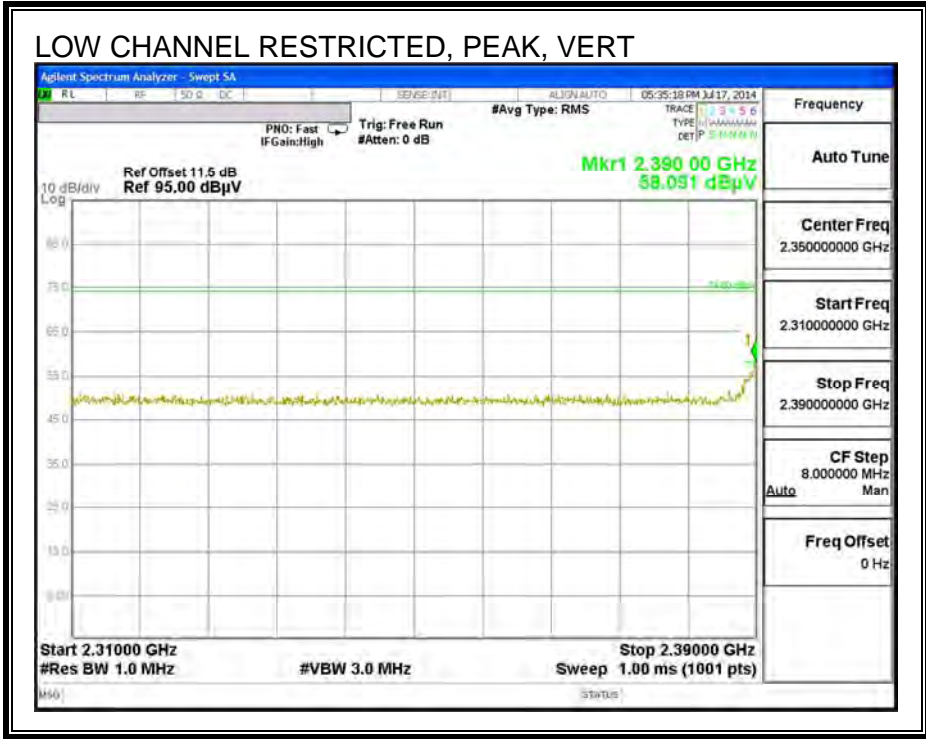
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

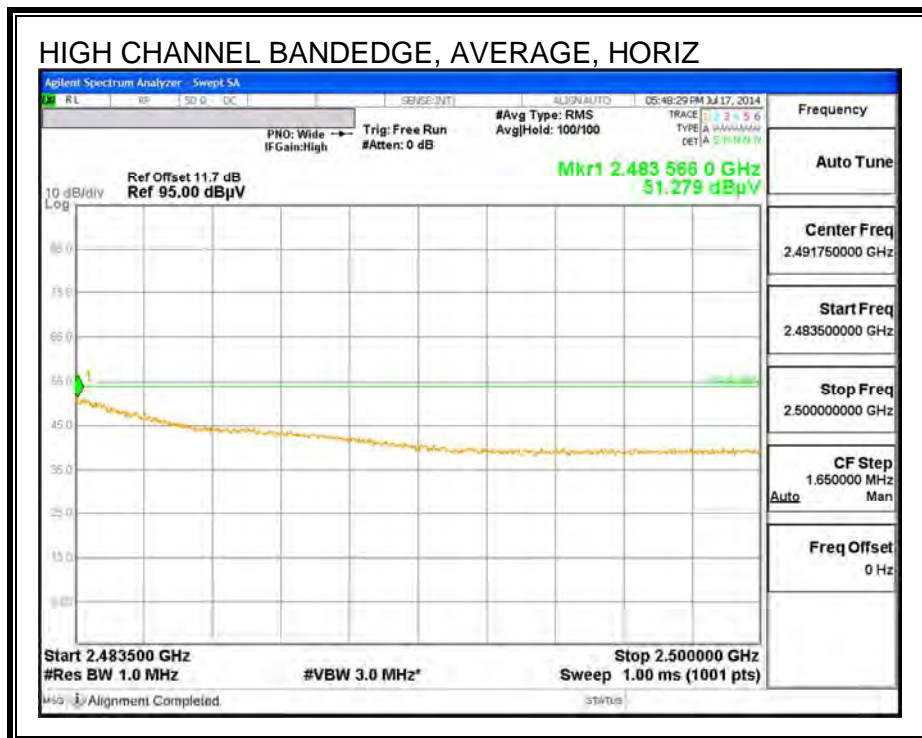
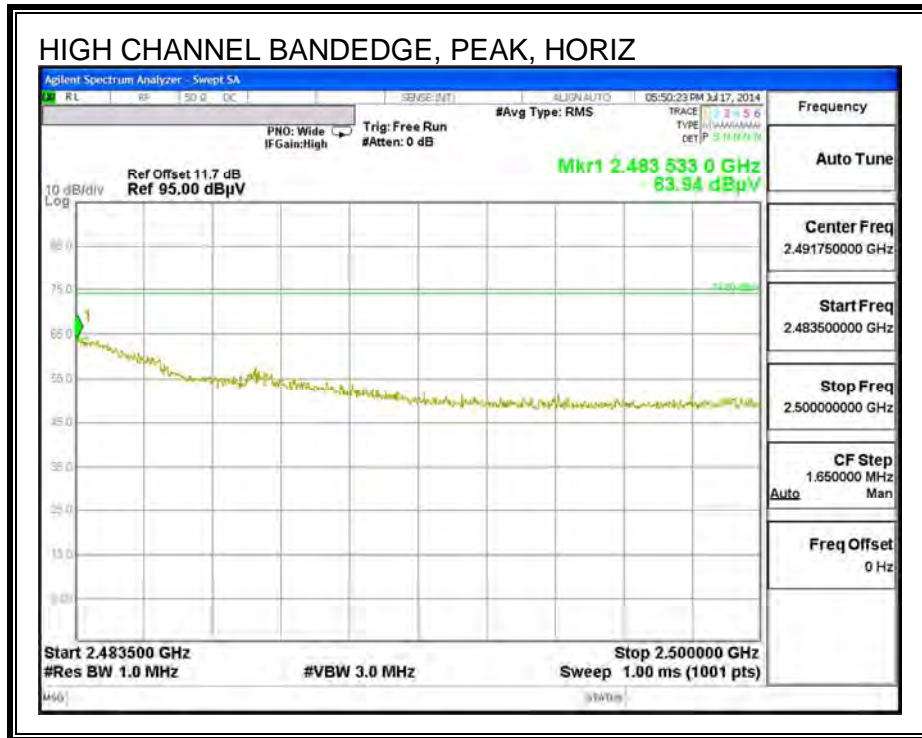
10.2.6.802.11g 1Tx SISO ANTENNA B ANTENNA MODE IN THE 2.4 GHz BAND

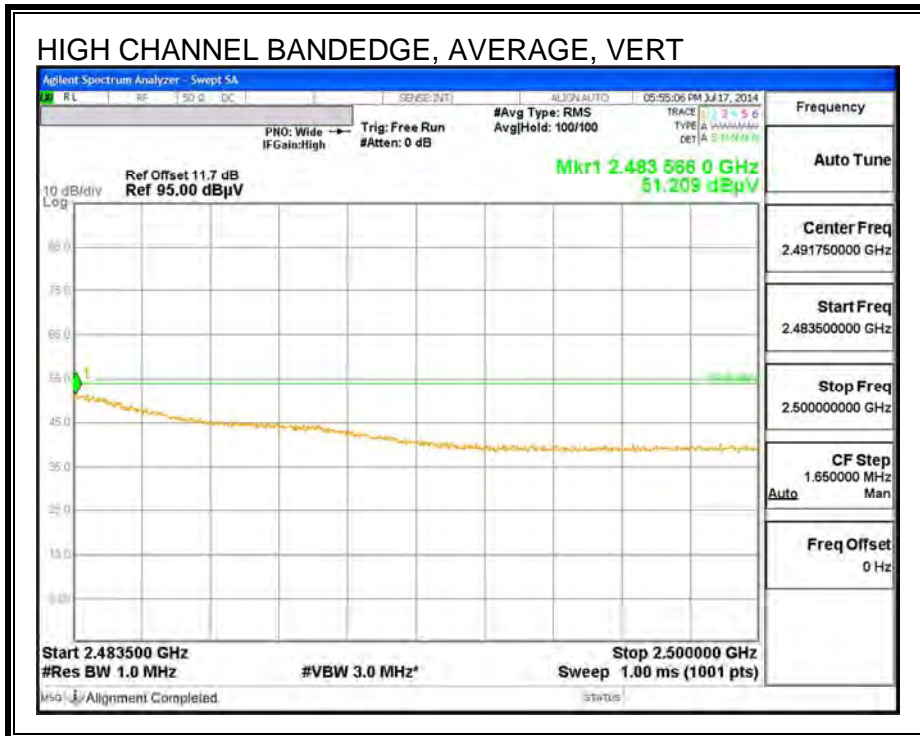
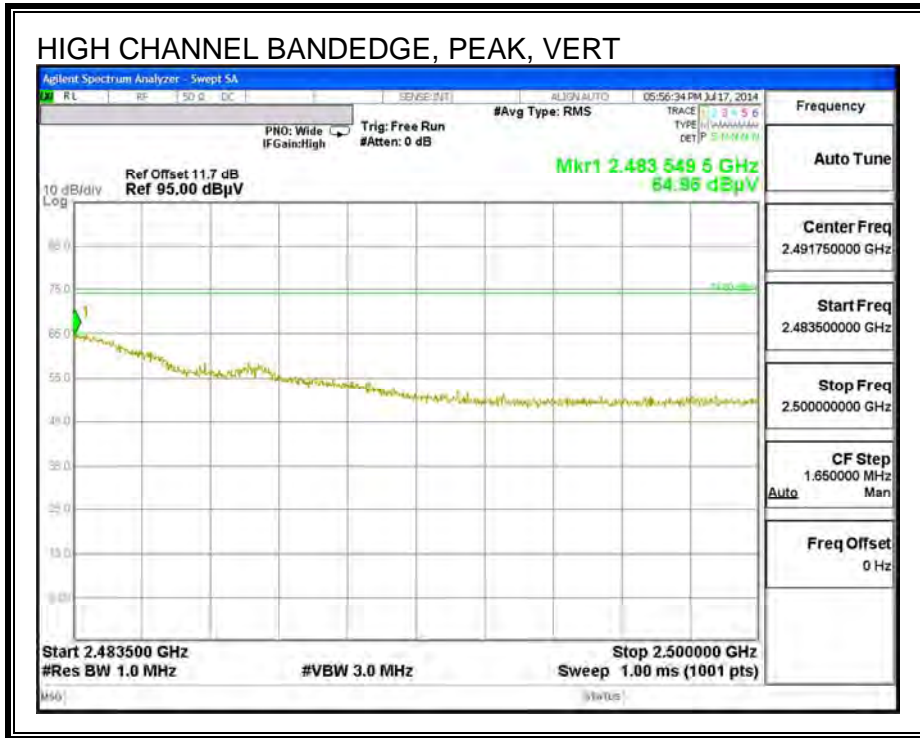
RESTRICTED BANDEDGE (LOW CHANNEL, CHANNEL 1)



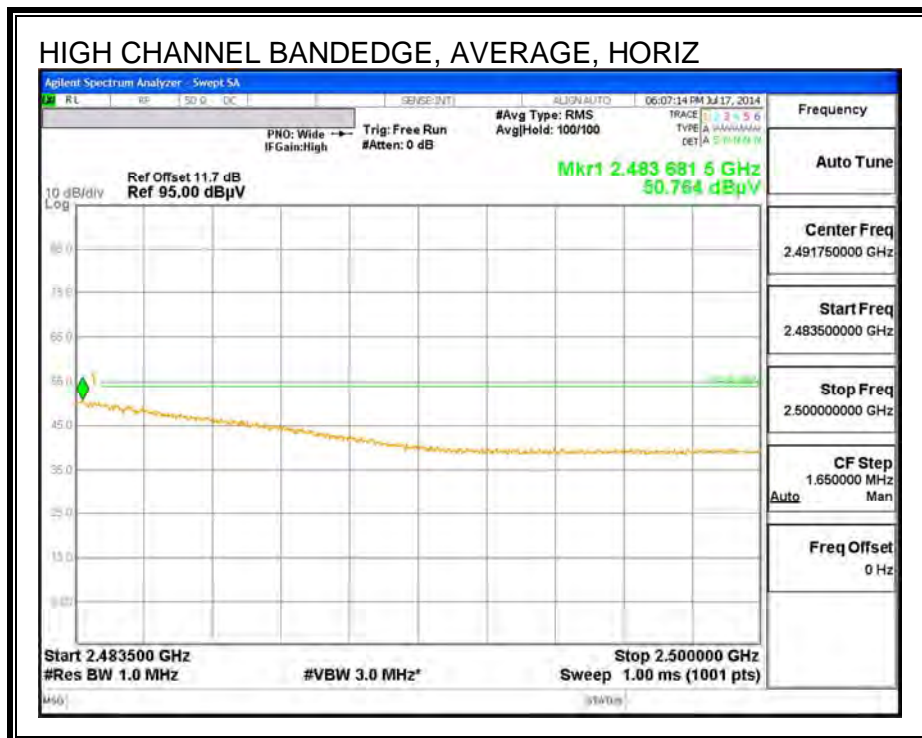
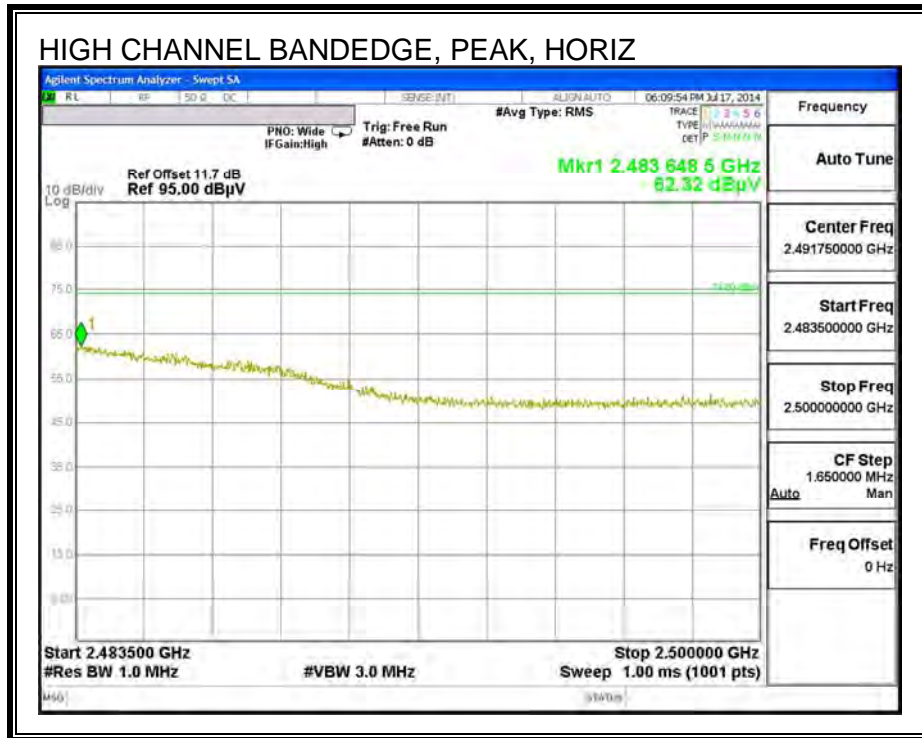


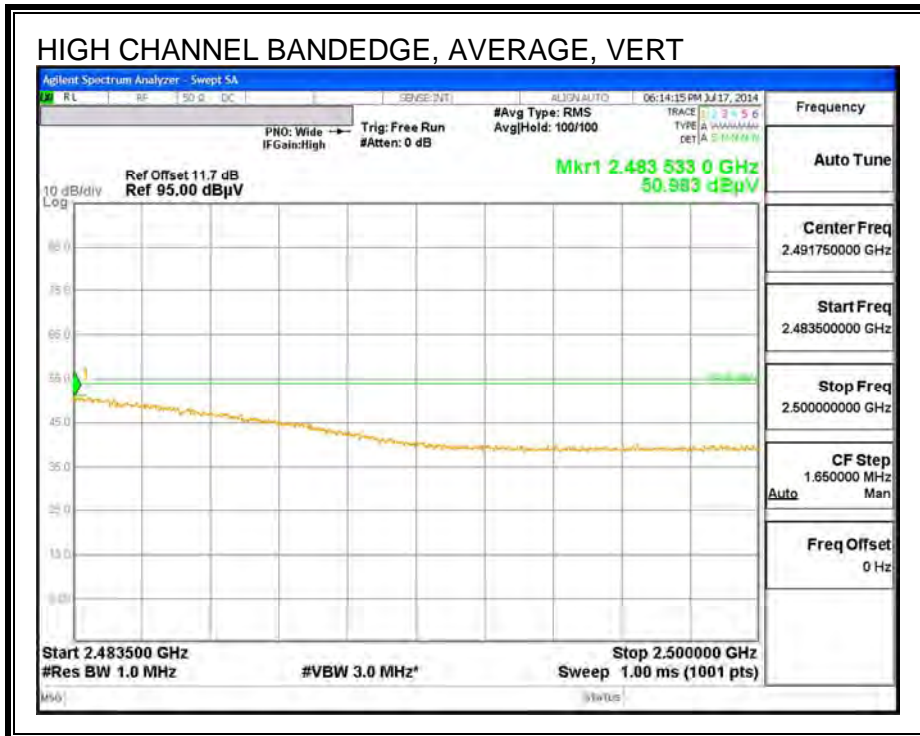
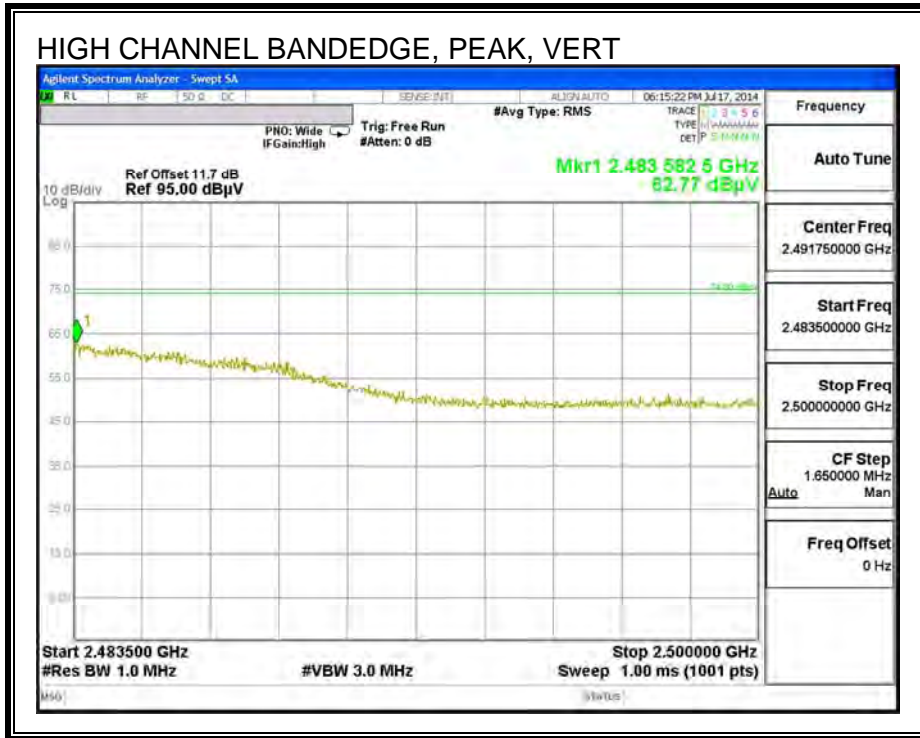
RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 11)



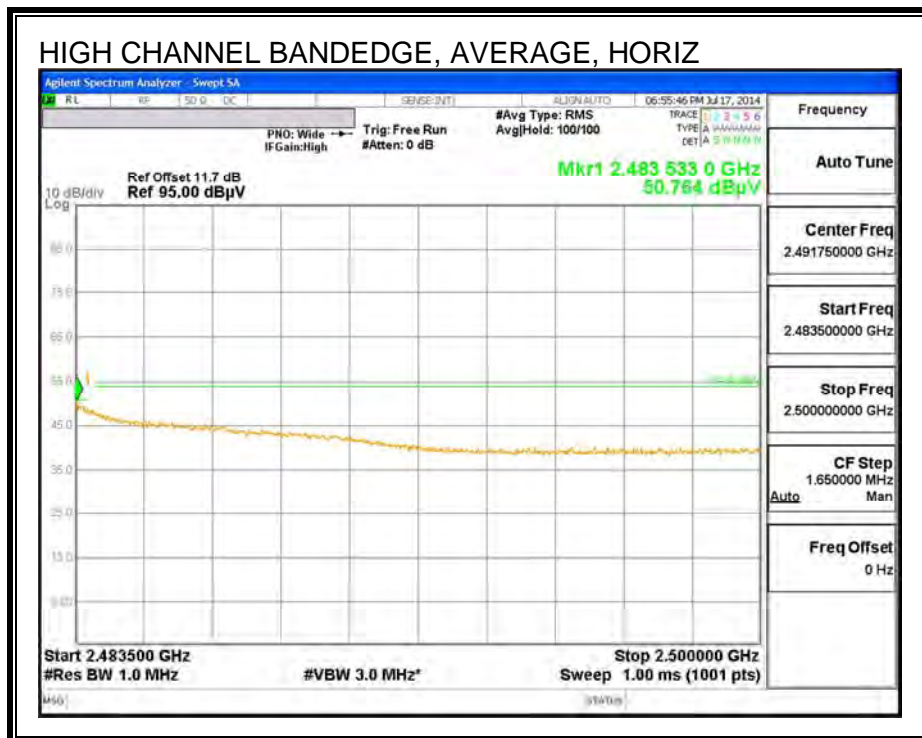
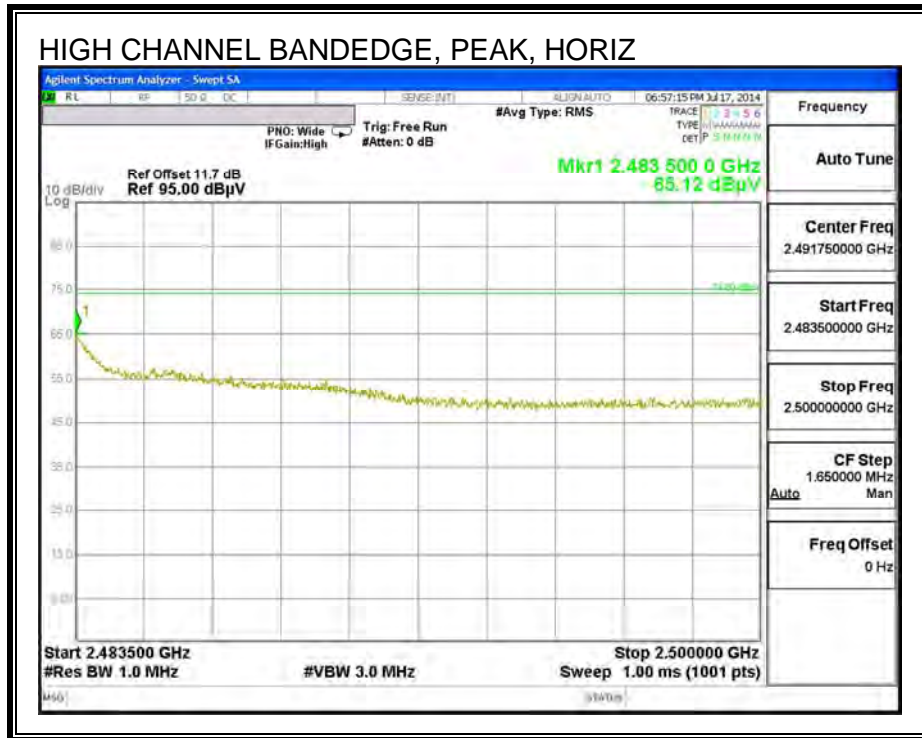


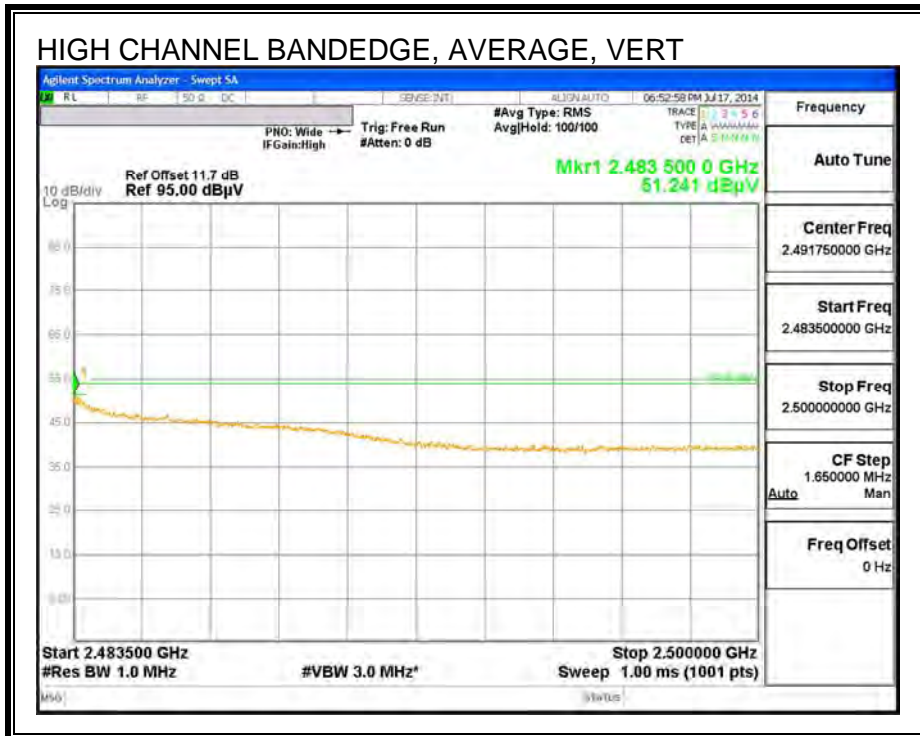
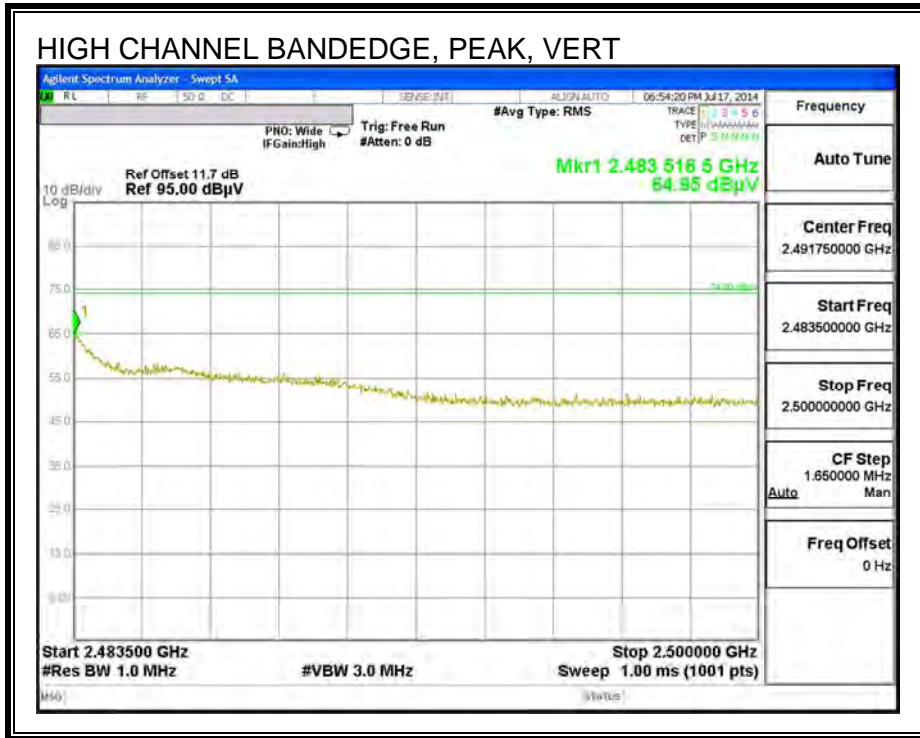
RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 12)



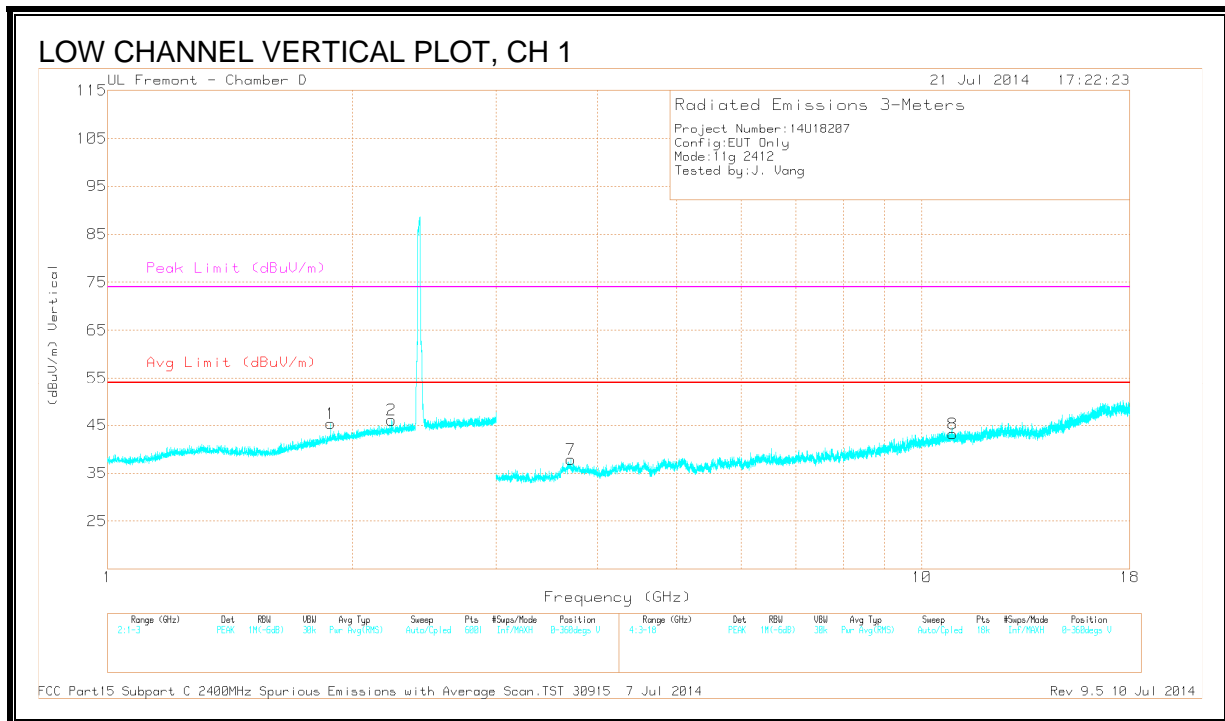
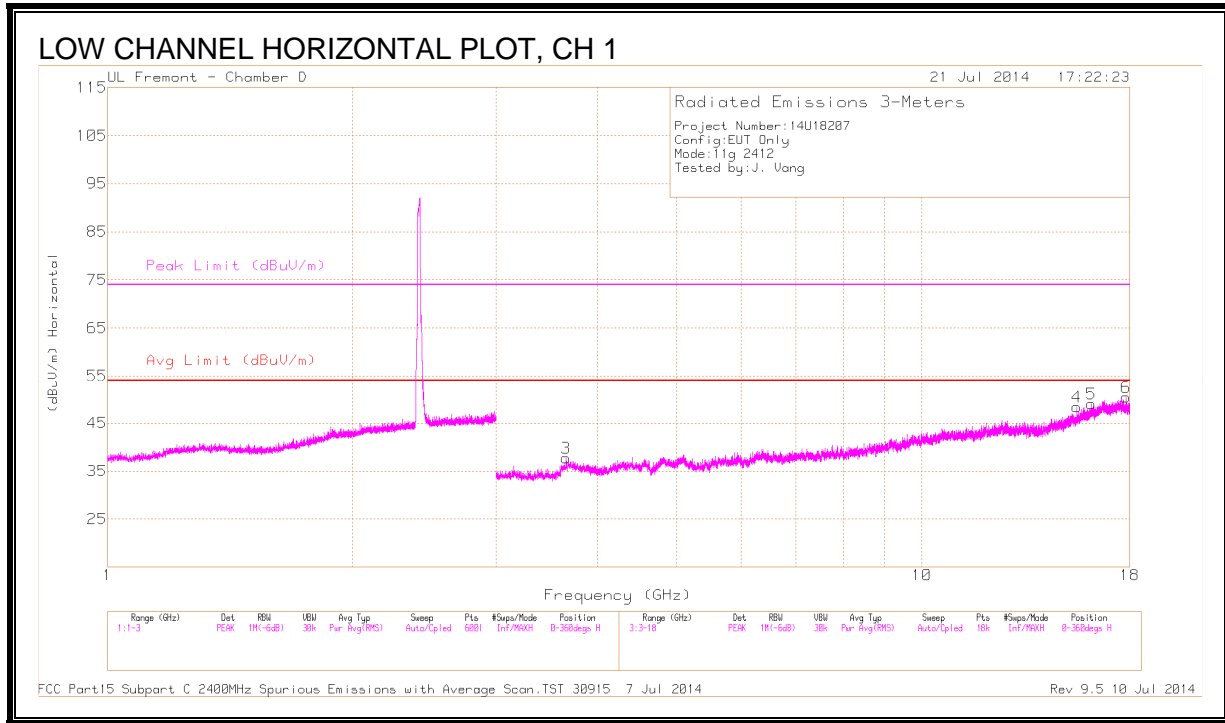


RESTRICTED BANDEDGE (HIGH CHANNEL, CHANNEL 13)





LOW CHANNEL 2412MHZ, HARMONICS AND SPURIOUS EMISSIONS



DATA

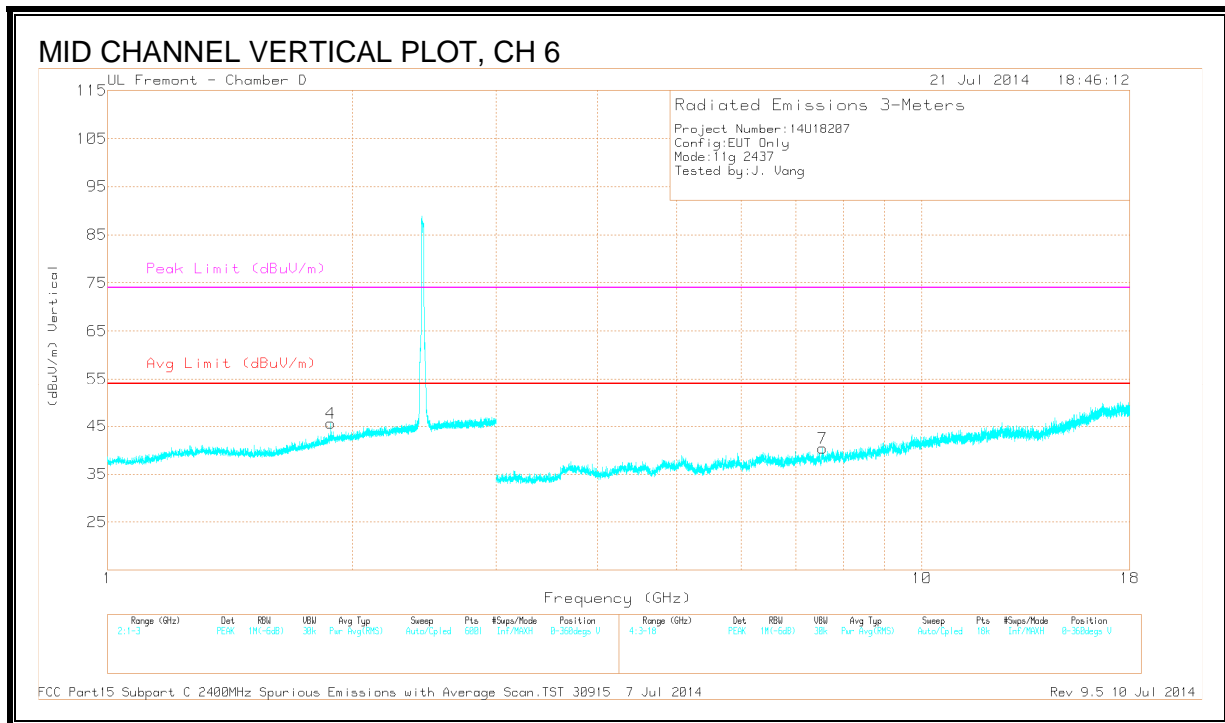
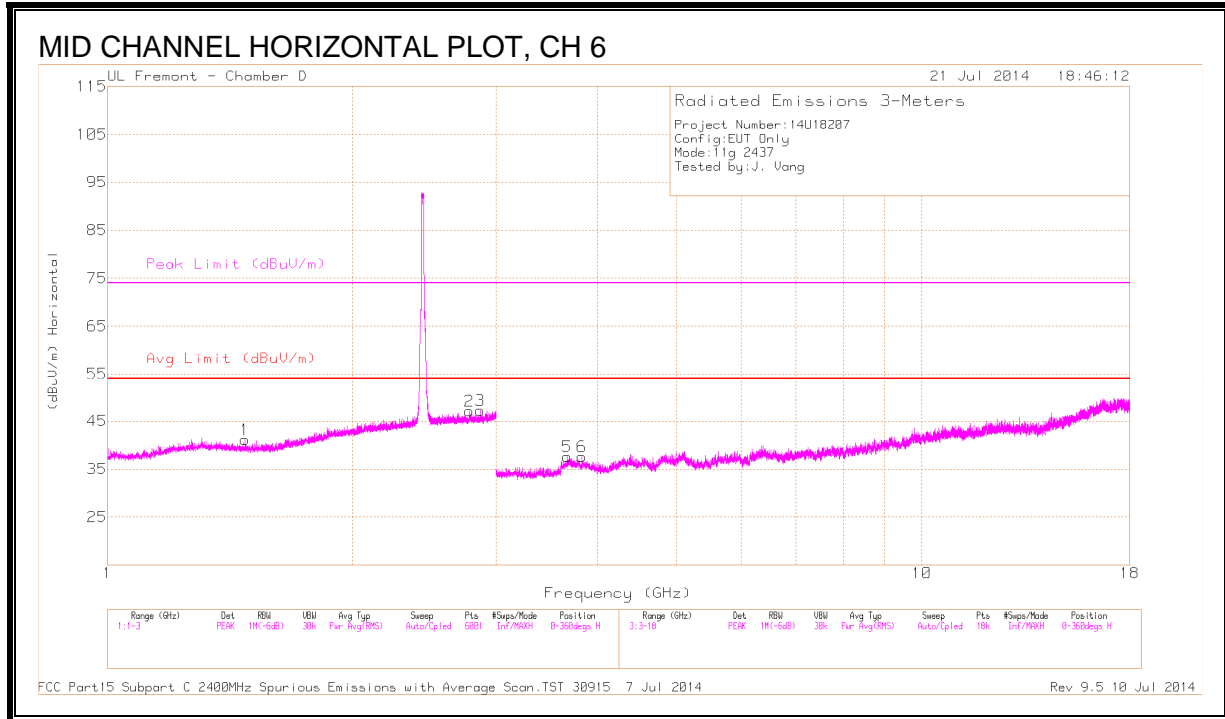
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.232	41.61	PK2	31.7	-20.7	52.61	-	-	74	-21.39	303	283	V
	* 2.231	29.7	MAv1	31.7	-20.8	40.6	54	-13.4	-	-	303	283	V
3	* 3.654	38.38	PK2	33.4	-28.1	43.68	-	-	74	-30.32	211	171	H
	* 3.656	26.57	MAv1	33.3	-28.1	31.77	54	-22.23	-	-	211	171	H
5	* 16.136	34.56	PK2	41.1	-19.5	56.16	-	-	74	-17.84	327	327	H
	* 16.136	22.7	MAv1	41.1	-19.5	44.3	54	-9.7	-	-	327	327	H
6	* 17.818	33.88	PK2	41.5	-17.4	57.98	-	-	74	-16.02	276	201	H
	* 17.819	22.15	MAv1	41.5	-17.4	46.25	54	-7.75	-	-	276	201	H
4	* 15.484	34.73	PK2	40.5	-20.7	54.53	-	-	74	-19.47	193	183	H
	* 15.482	22.93	MAv1	40.5	-20.8	42.63	54	-11.37	-	-	193	183	H
7	* 3.7	38.19	PK2	33.2	-27.8	43.59	-	-	74	-30.41	213	352	V
	* 3.703	26.6	MAv1	33.2	-27.9	31.9	54	-22.1	-	-	213	352	V
8	* 10.891	34.67	PK2	38.2	-21	51.87	-	-	74	-22.13	184	290	V
	* 10.89	22.75	MAv1	38.2	-21	39.95	54	-14.05	-	-	184	290	V
1	1.88	35.82	PK	30.7	-21.2	45.32	-	-	-	-	0-360	202	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



DATA

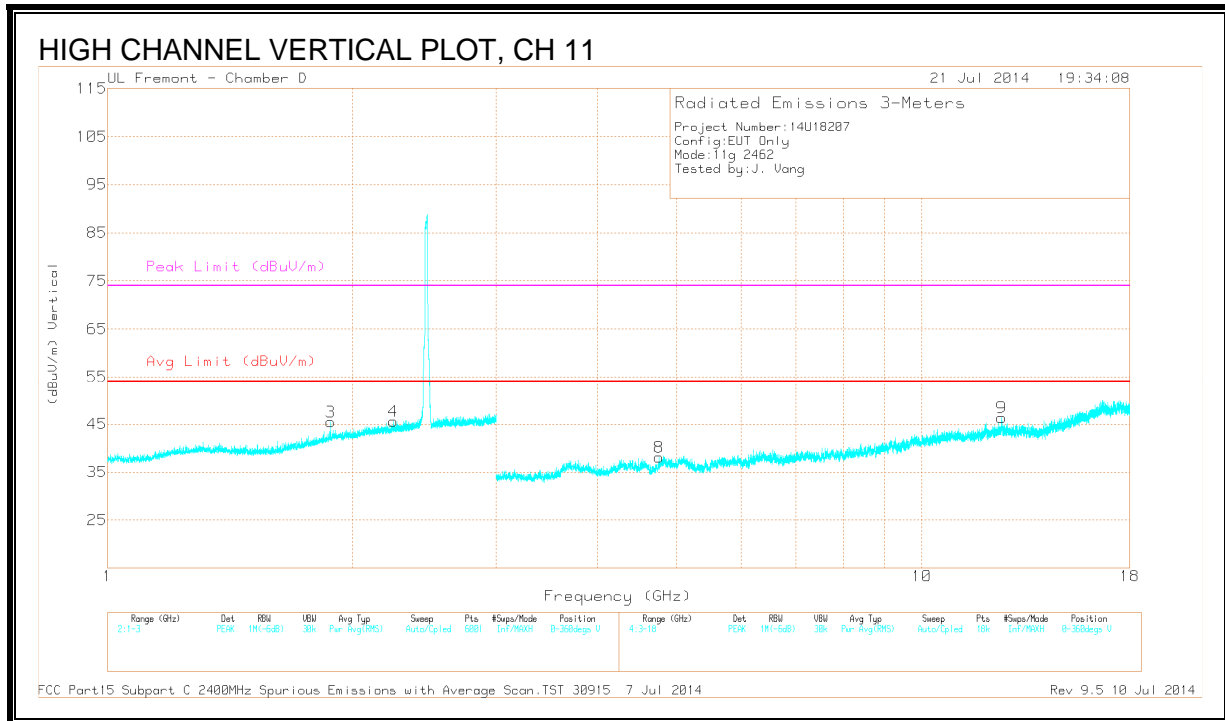
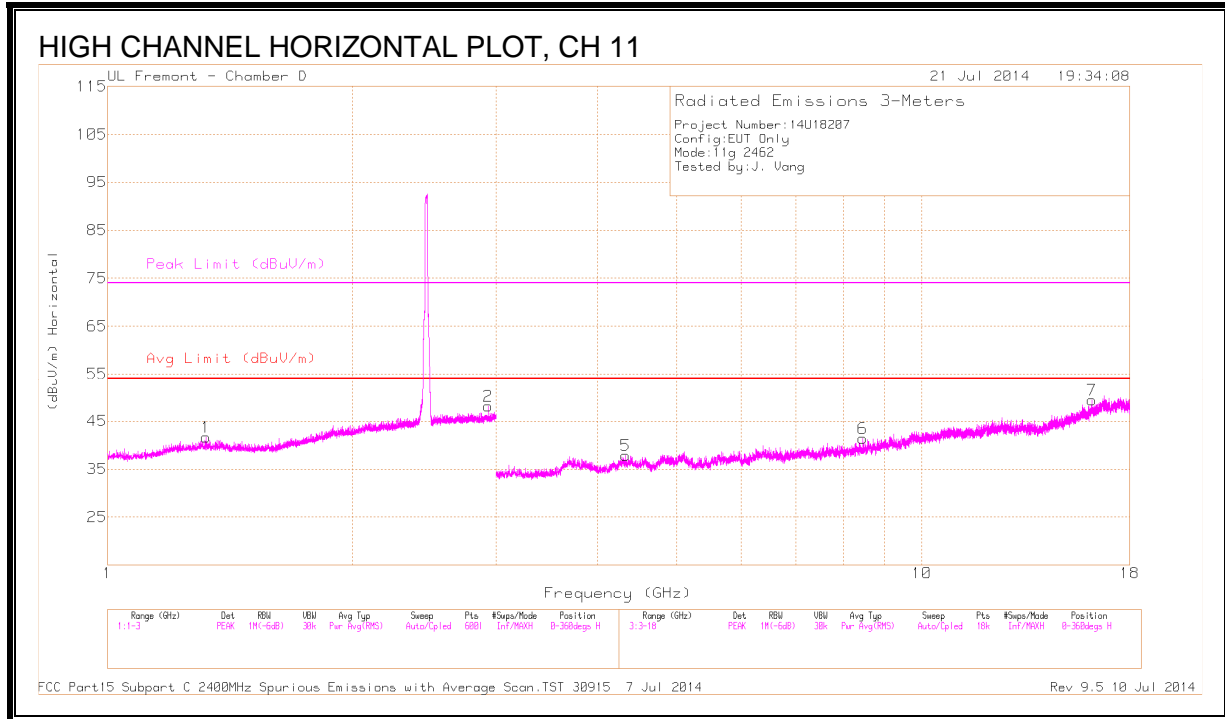
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.474	41.74	PK2	28.2	-21.6	48.34	-	-	74	-25.66	169	281	H
	* 1.475	29.81	MAv1	28.2	-21.6	36.41	54	-17.59	-	-	169	281	H
2	* 2.782	42	PK2	32.5	-20	54.5	-	-	74	-19.5	220	149	H
	* 2.783	29.64	MAv1	32.5	-20	42.14	54	-11.86	-	-	220	149	H
3	* 2.867	41.66	PK2	32.6	-20.2	54.06	-	-	74	-19.94	237	288	H
	* 2.869	29.48	MAv1	32.6	-20.2	41.88	54	-12.12	-	-	237	288	H
5	* 3.667	38.79	PK2	33.3	-28.1	43.99	-	-	74	-30.01	350	341	H
	* 3.667	26.58	MAv1	33.3	-28.1	31.78	54	-22.22	-	-	350	341	H
6	* 3.824	39.94	PK2	33.4	-28.8	44.54	-	-	74	-29.46	318	168	H
	* 3.824	27.37	MAv1	33.4	-28.8	31.97	54	-22.03	-	-	318	168	H
7	* 7.558	36.2	PK2	35.7	-24.9	47	-	-	74	-27	290	363	V
	* 7.556	24.63	MAv1	35.7	-24.9	35.43	54	-18.57	-	-	290	363	V
4	1.88	36.12	PK	30.7	-21.2	45.62	-	-	-	-	0-360	201	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

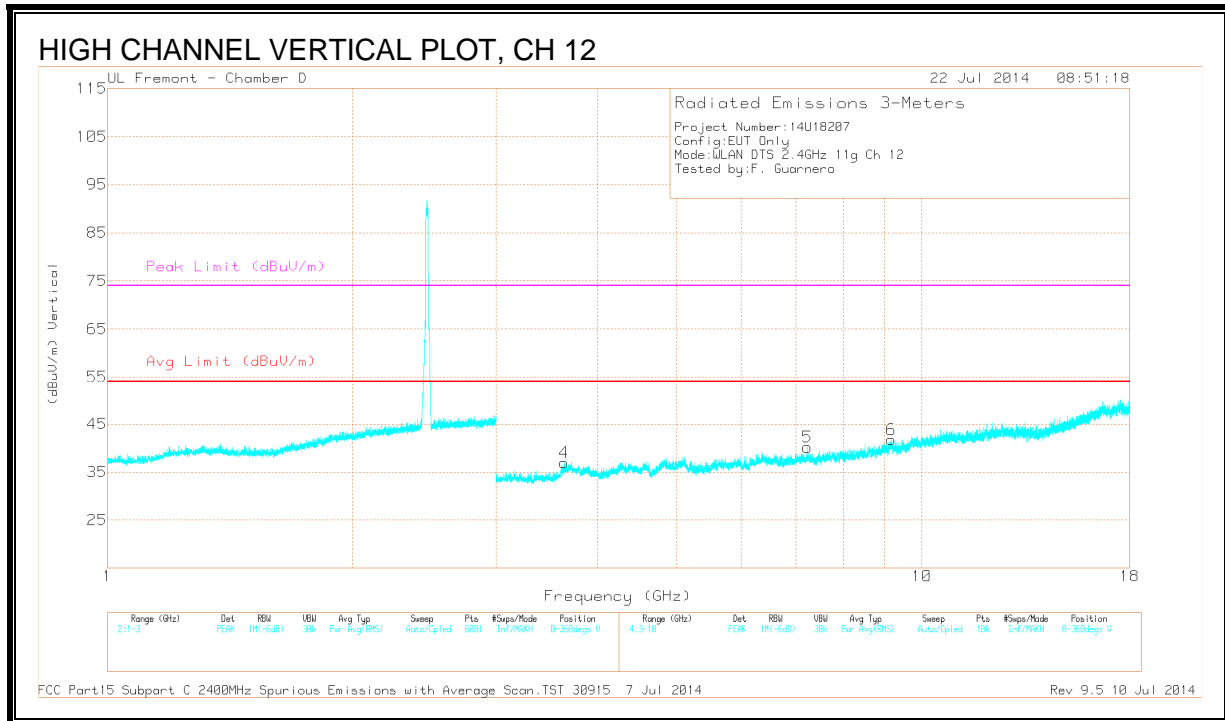
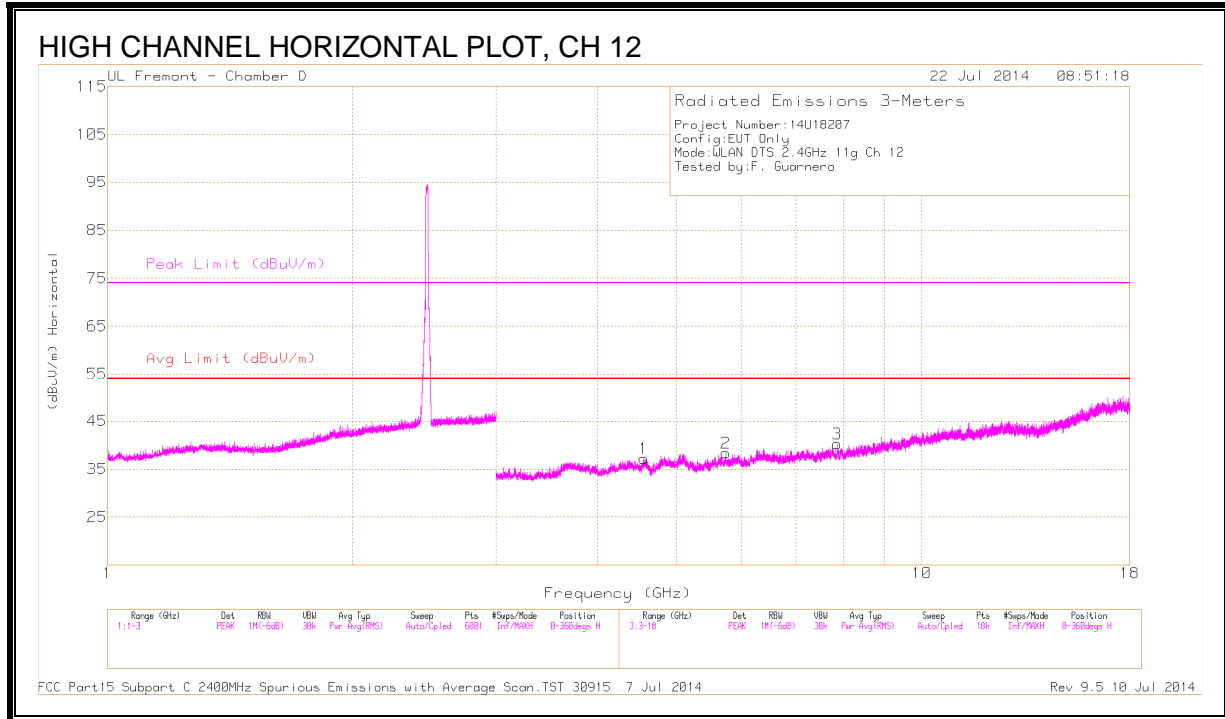
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.322	41.46	PK2	28.8	-22	48.26	-	-	74	-25.74	167	279	H
	* 1.32	30.53	MAv1	28.8	-22	37.33	54	-16.67	-	-	167	279	H
4	* 2.243	41.82	PK2	31.8	-20.8	52.82	-	-	74	-21.18	308	266	V
	* 2.242	29.77	MAv1	31.7	-20.8	40.67	54	-13.33	-	-	308	266	V
5	* 4.323	38.92	PK2	33.7	-27.5	45.12	-	-	74	-28.88	89	294	H
	* 4.325	25.88	MAv1	33.8	-27.5	32.18	54	-21.82	-	-	89	294	H
6	* 8.466	36.2	PK2	35.8	-23.5	48.5	-	-	74	-25.5	57	367	H
	* 8.467	23.79	MAv1	35.8	-23.5	36.09	54	-17.91	-	-	57	367	H
7	* 16.183	33.88	PK2	41.1	-18.9	56.08	-	-	74	-17.92	72	231	H
	* 16.182	22.15	MAv1	41.1	-18.9	44.35	54	-9.65	-	-	72	231	H
8	* 4.756	38.99	PK2	34.1	-28	45.09	-	-	74	-28.91	338	191	V
	* 4.755	27.22	MAv1	34.1	-28	33.32	54	-20.68	-	-	338	191	V
9	* 12.529	34.68	PK2	39.2	-20.8	53.08	-	-	74	-20.92	27	150	V
	* 12.529	23.04	MAv1	39.2	-20.8	41.44	54	-12.56	-	-	27	150	V
3	1.88	35.95	PK	30.7	-21.2	45.45	-	-	-	-	0-360	202	V
2	2.932	35.6	PK	32.6	-20.1	48.1	-	-	-	-	0-360	202	H

* - 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 T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.551	37.67	PK2	34	-26.6	45.07	-	-	74	-28.93	205	162	H
	* 4.551	25.49	MAv1	34	-26.6	32.89	54	-21.11	-	-	205	162	H
4	* 3.639	38.26	PK2	33.4	-28.1	43.56	-	-	74	-30.44	6	325	V
	* 3.639	26.51	MAv1	33.4	-28.1	31.81	54	-22.19	-	-	6	325	V
6	* 9.173	34.92	PK2	36.3	-21.3	49.92	-	-	74	-24.08	5	323	V
	* 9.173	23.03	MAv1	36.3	-21.3	38.03	54	-15.97	-	-	5	323	V
2	5.743	37.47	PK2	34.8	-26.9	45.37	-	-	-	-	204	157	H
5	7.233	36.98	PK2	35.7	-25	47.68	-	-	-	-	6	329	V
3	7.868	36.5	PK2	35.8	-24.6	47.7	-	-	-	-	199	157	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average