

7.5. 802.11n HT20 2TX MODE IN THE 2.4 GHz BAND

7.5.1. 6 dB BANDWIDTH

LIMITS

I FCC §15.247 (a) (2)

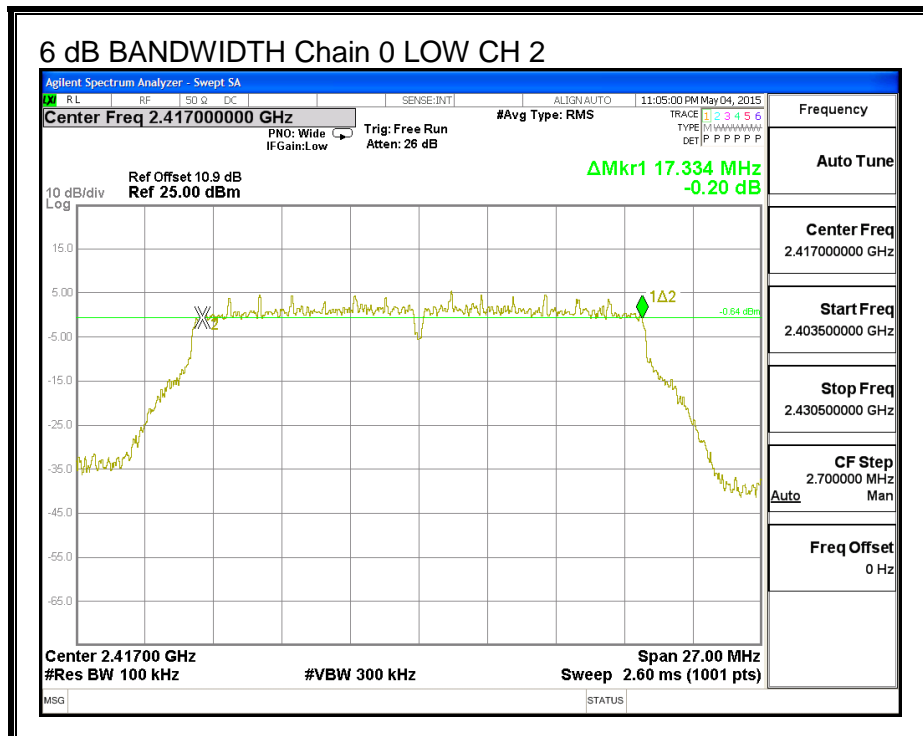
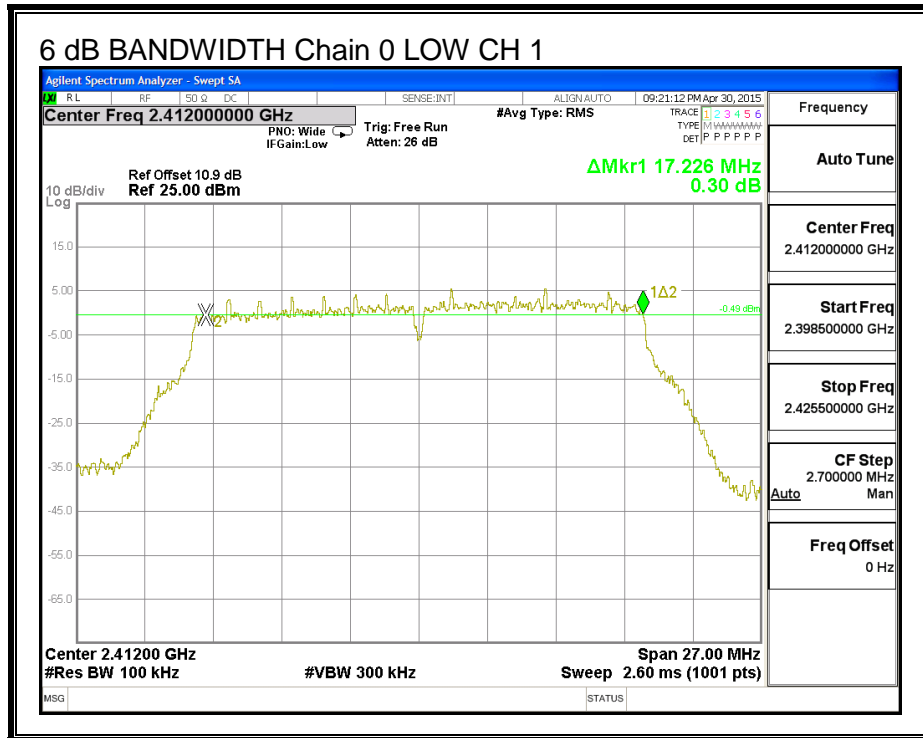
C RSS-247 (5.2) (1)

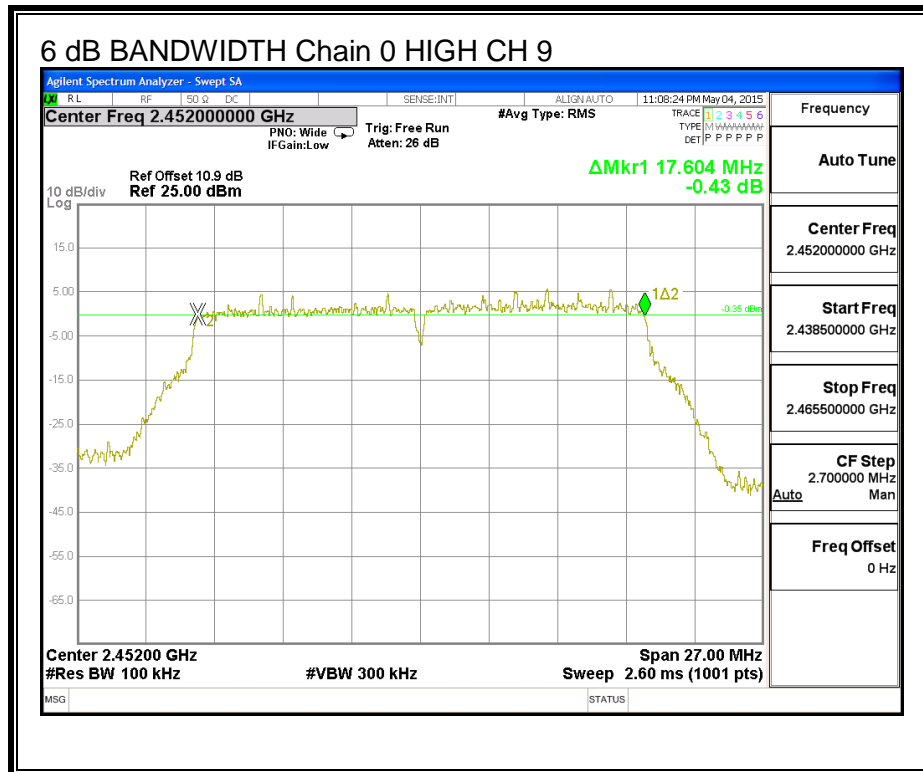
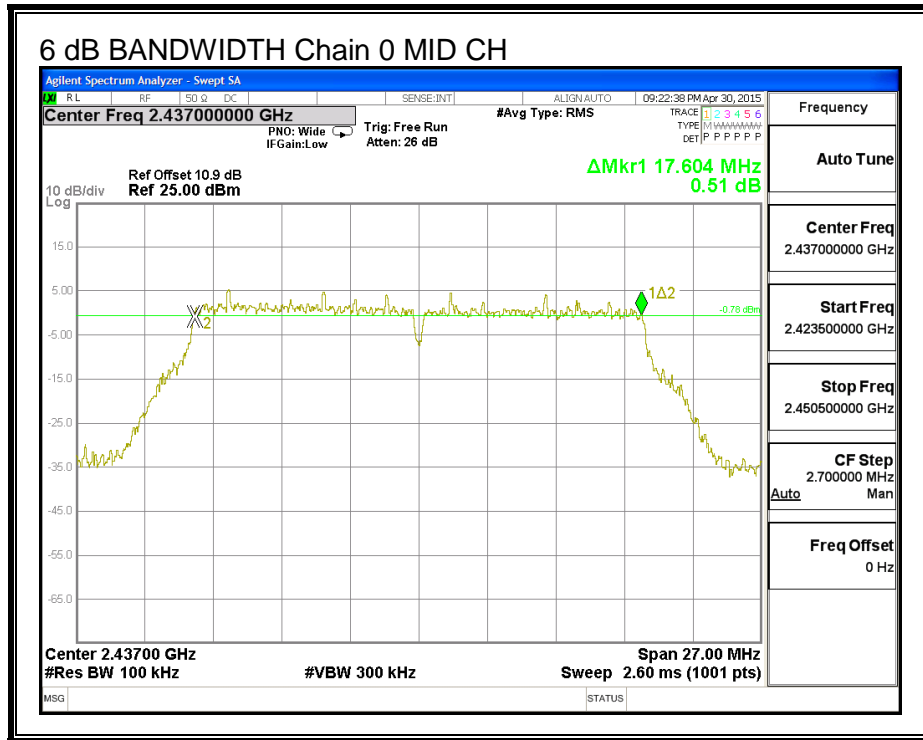
The minimum 6 dB bandwidth shall be at least 500 kHz.

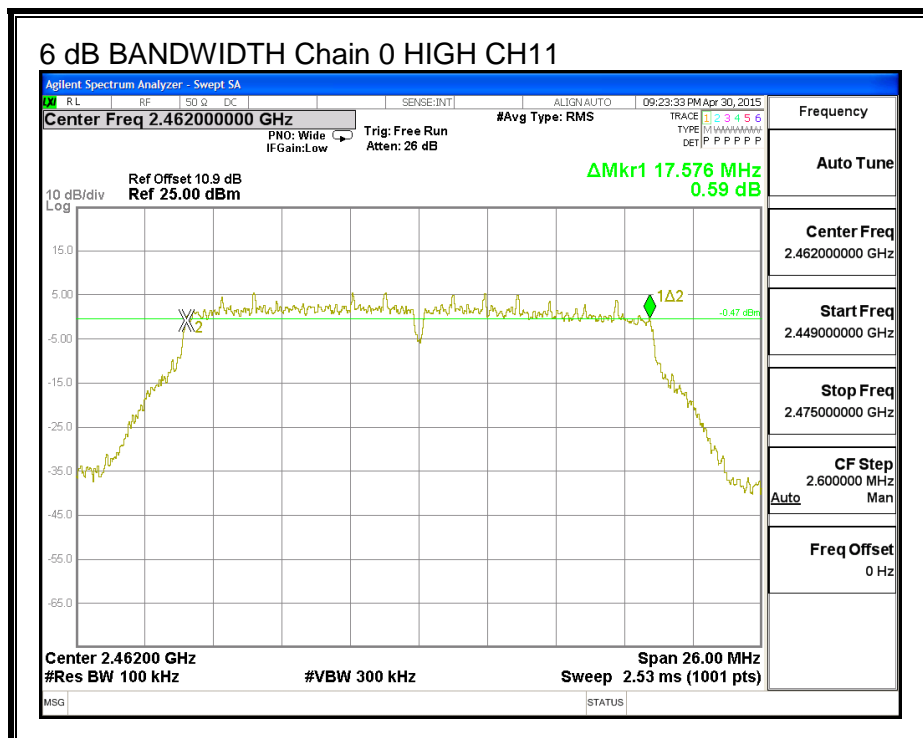
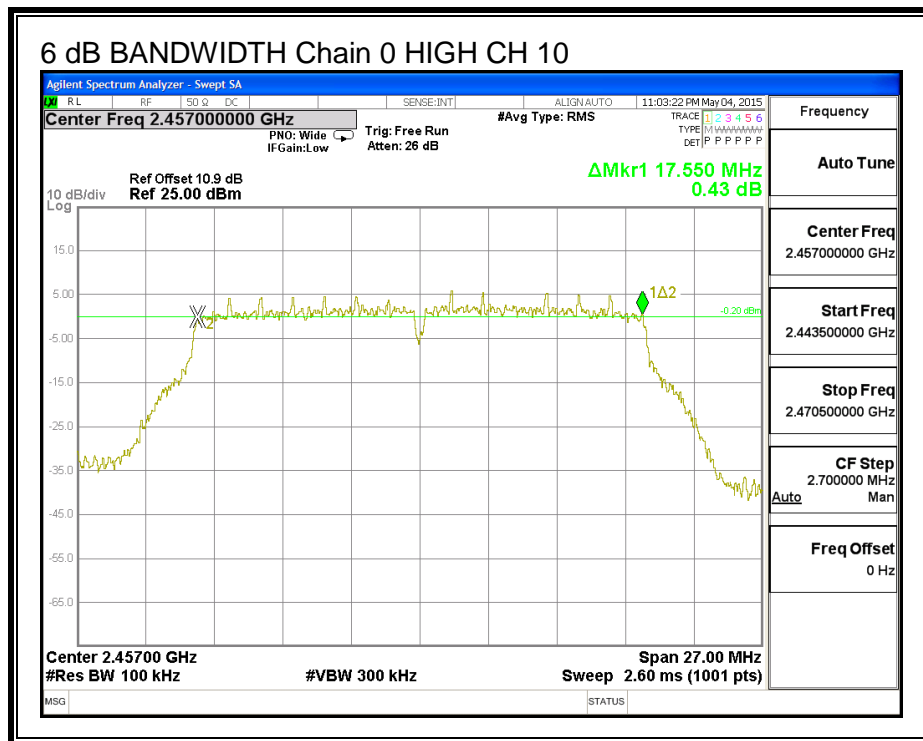
RESULTS

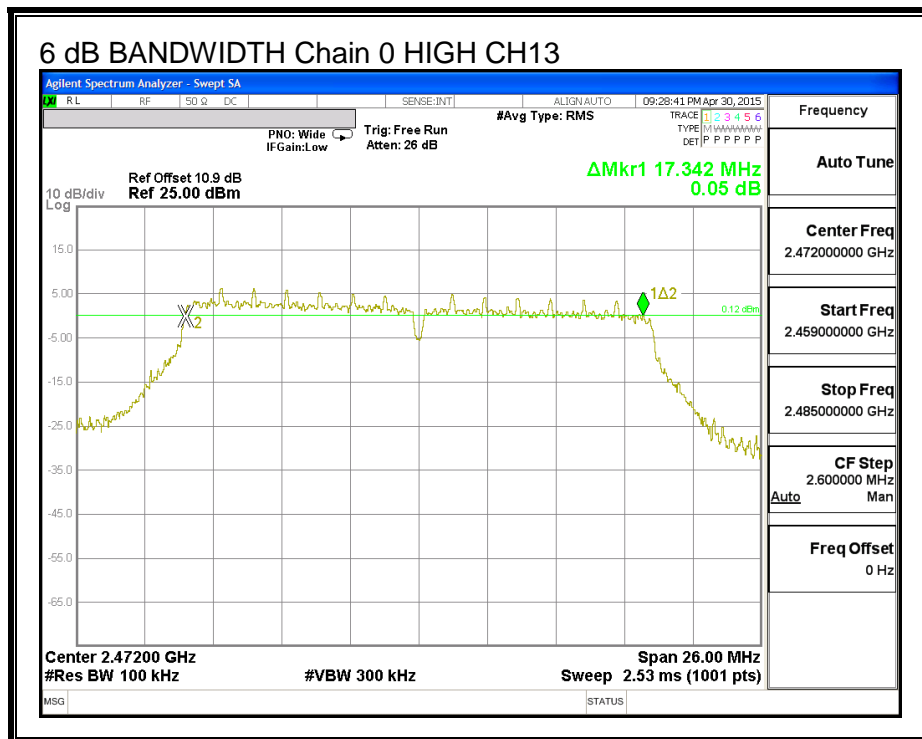
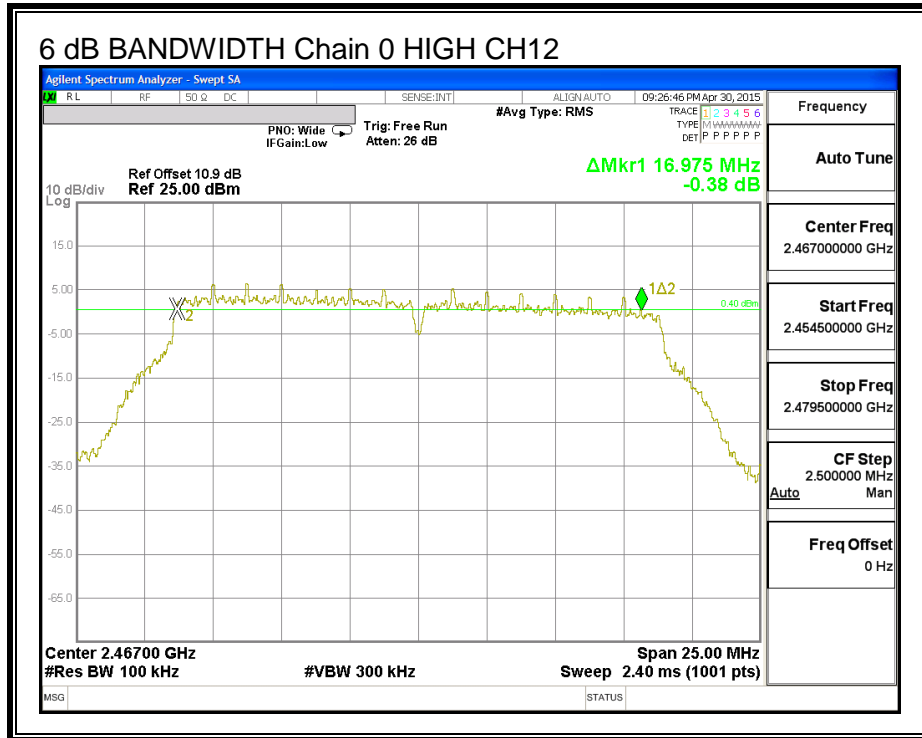
Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Low_1	2412	17.23	17.60	0.5
Low_2	2417	17.33	17.63	0.5
Mid	2437	17.60	17.66	0.5
High_9	2452	17.60	17.63	0.5
High_10	2457	17.55	17.63	0.5
High_11	2462	17.58	17.60	0.5
High_12	2467	16.98	17.60	0.5
High_13	2472	17.34	17.60	0.5

6 dB BANDWIDTH, Chain 0

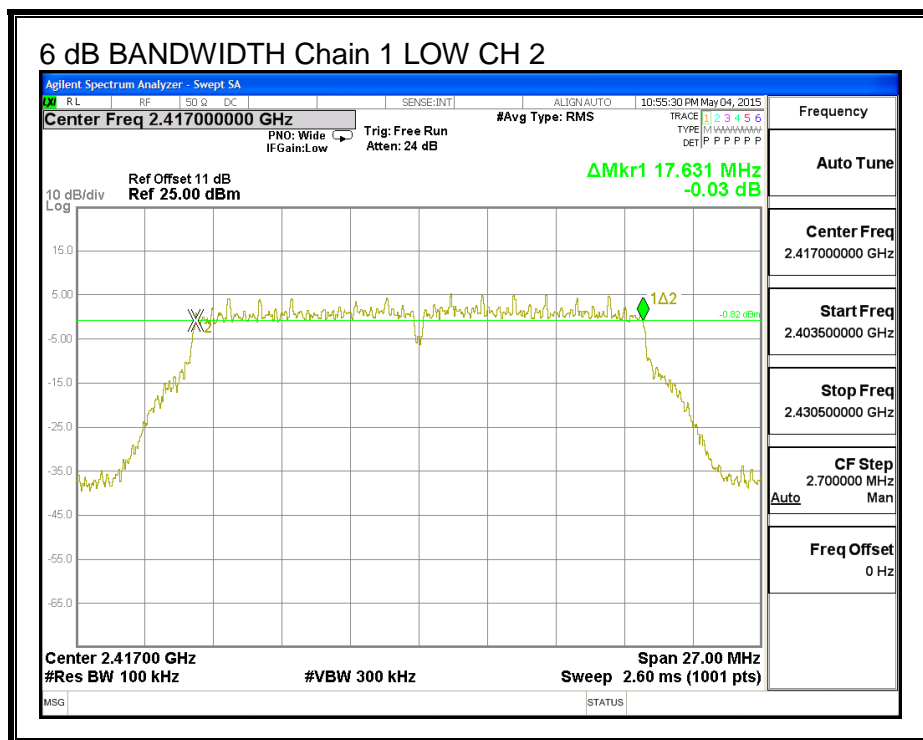
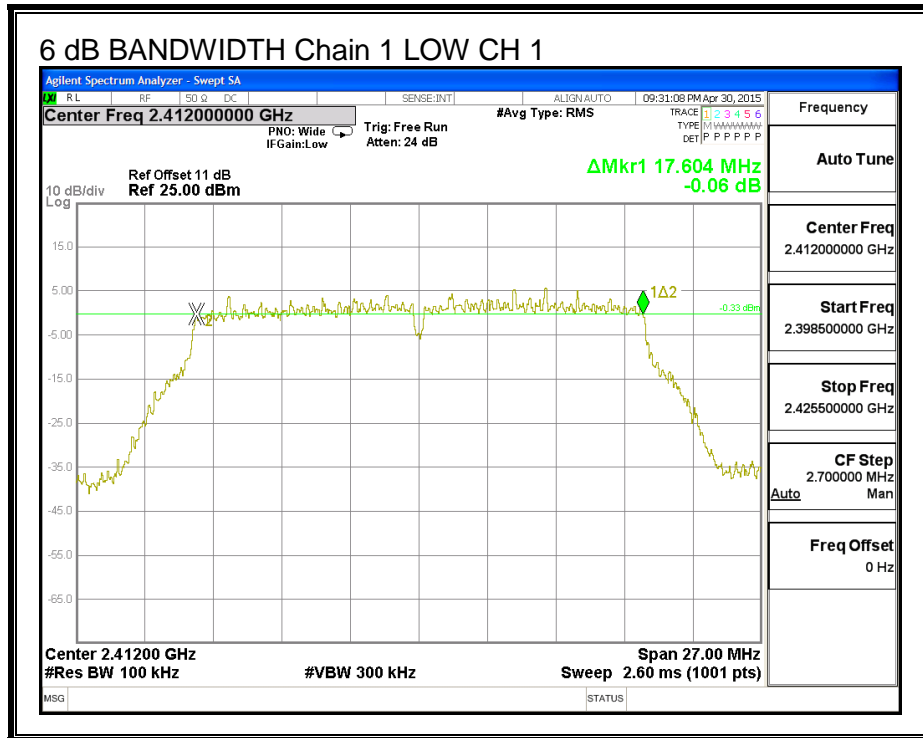


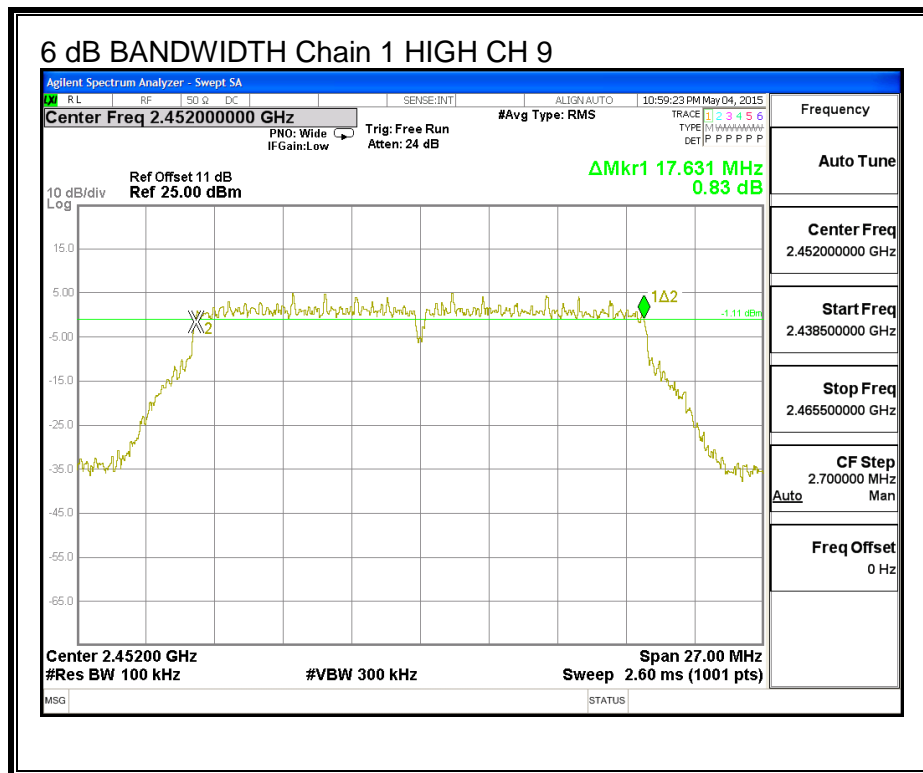
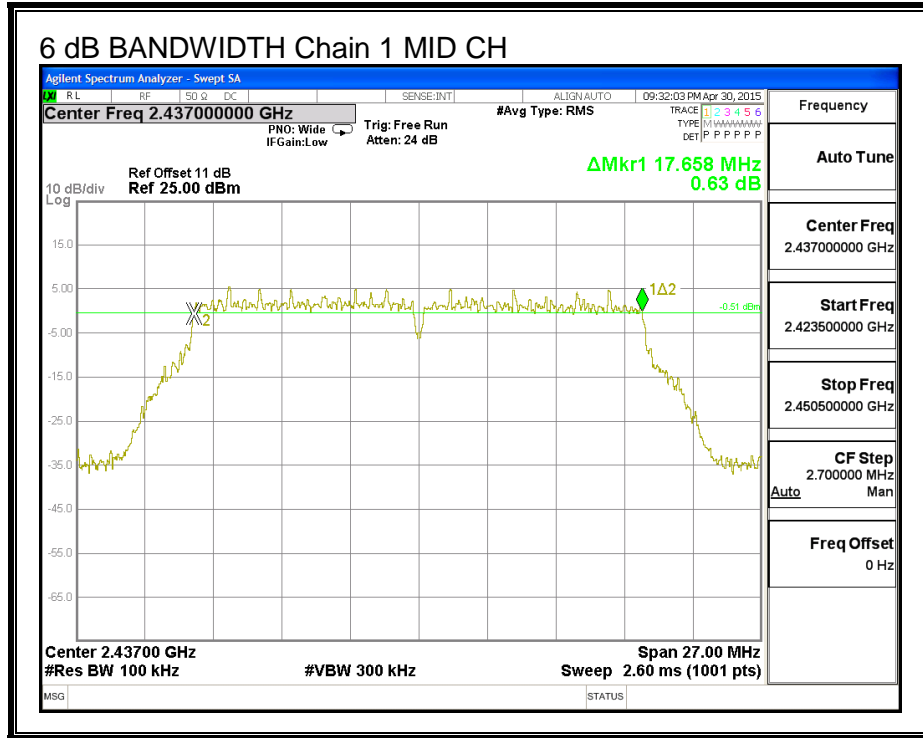


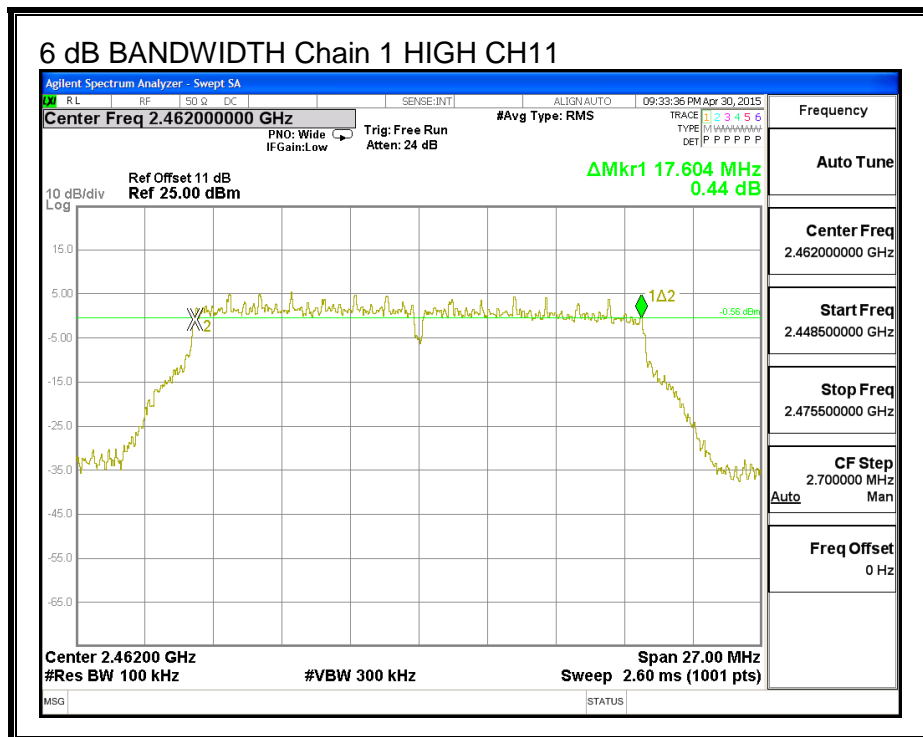
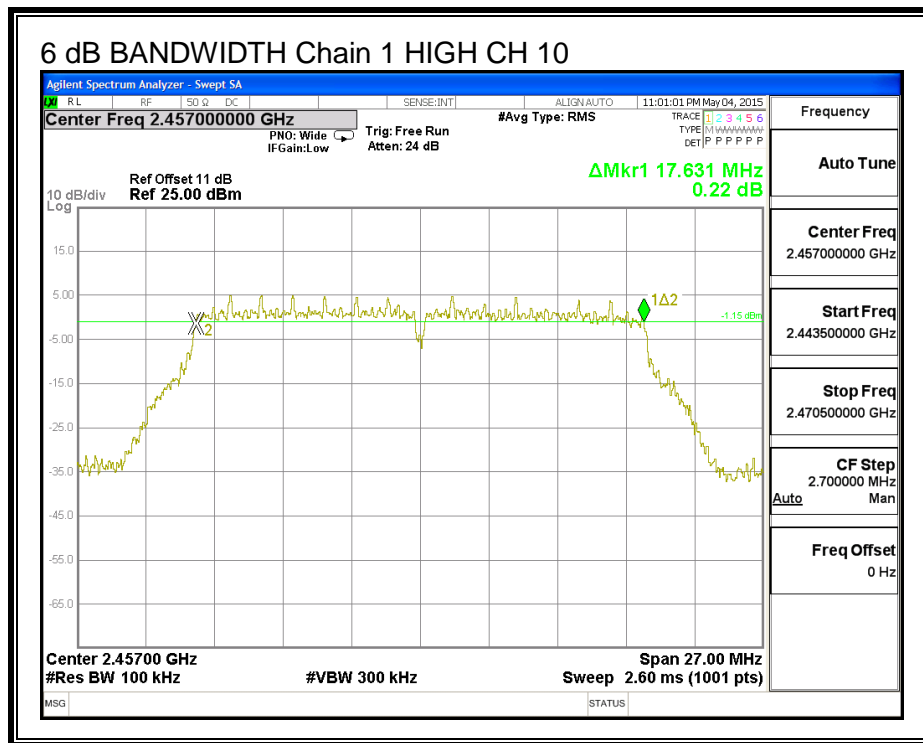


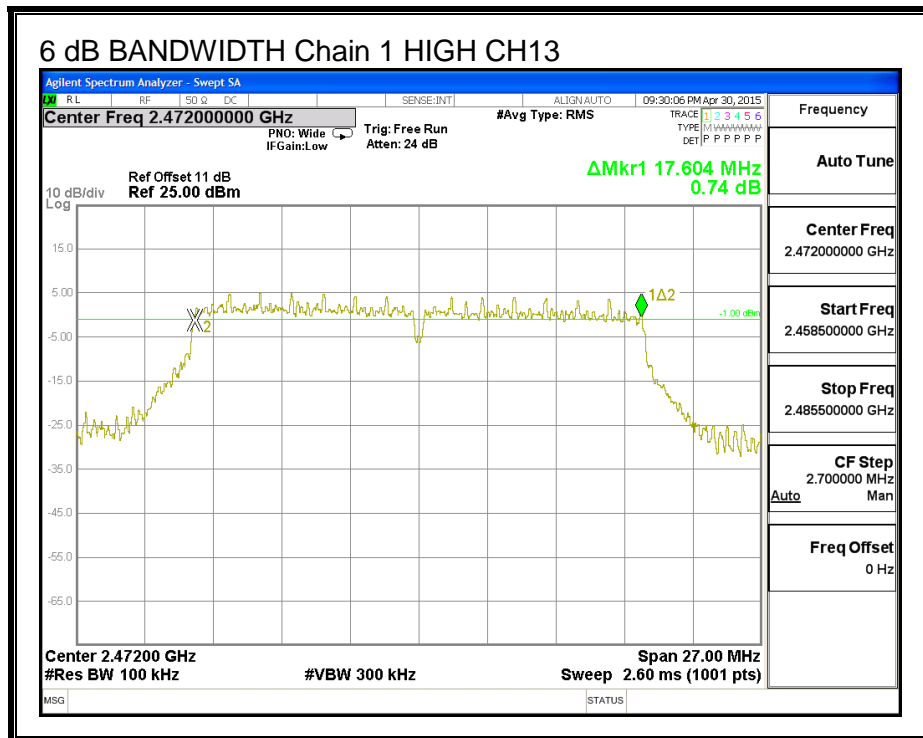
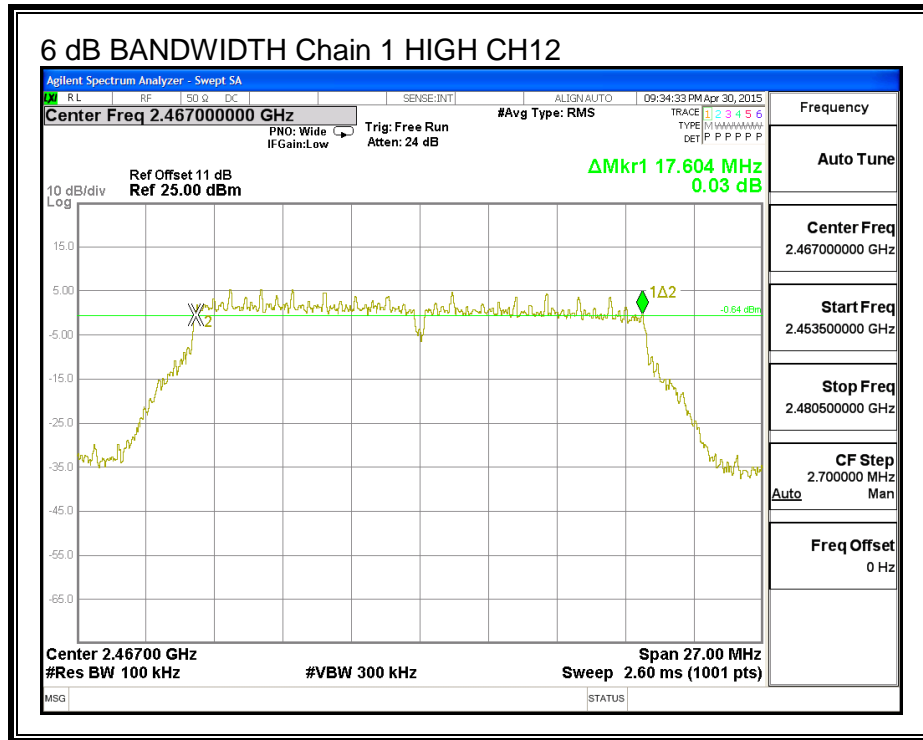


6 dB BANDWIDTH, Chain 1









7.5.2. 99% BANDWIDTH

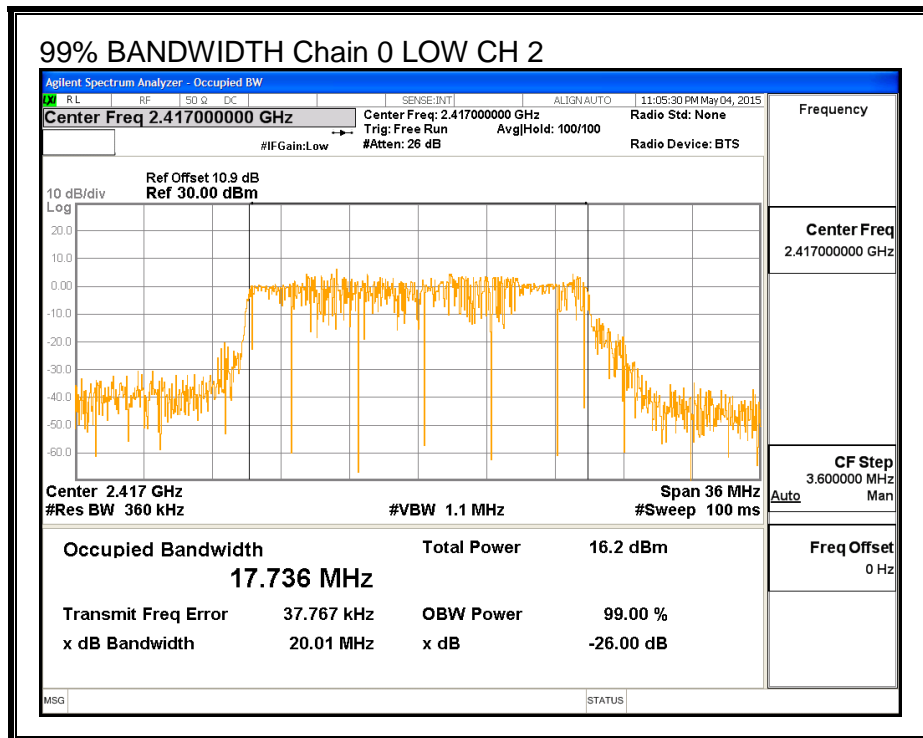
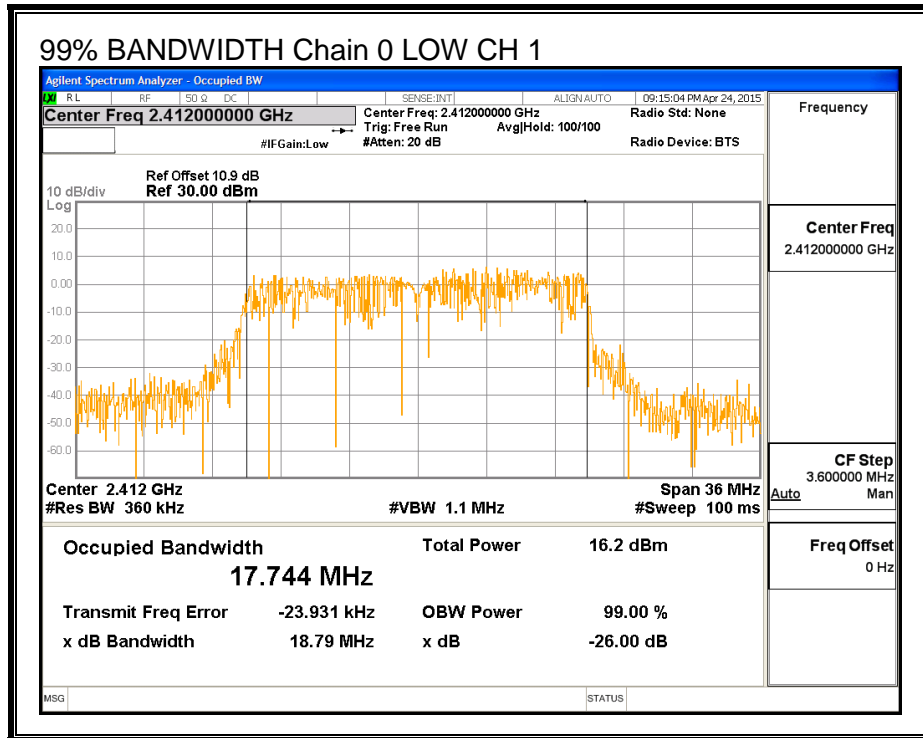
LIMITS

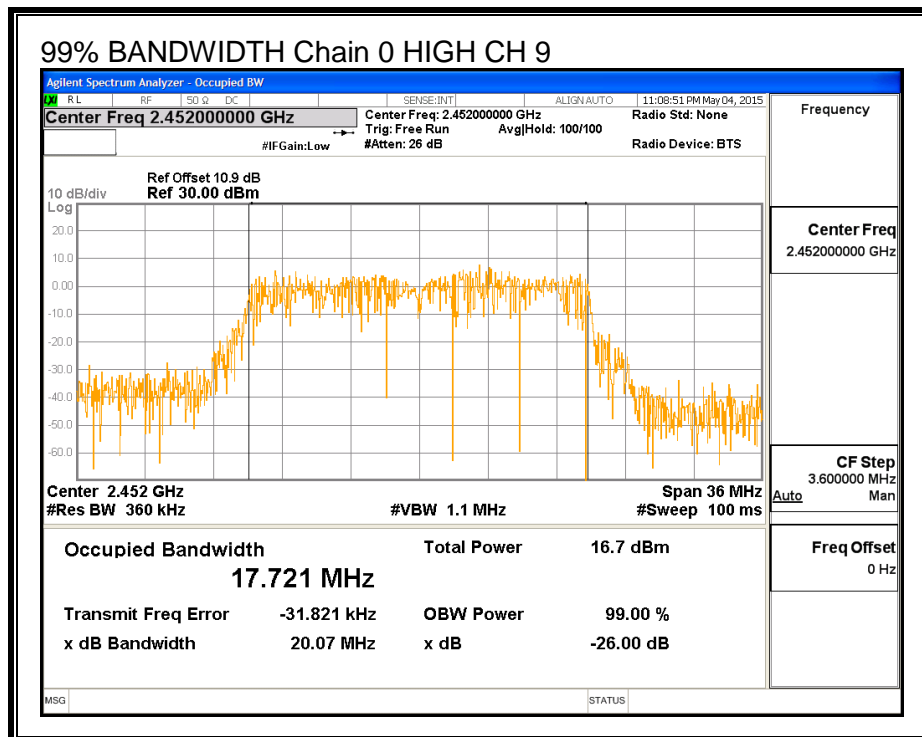
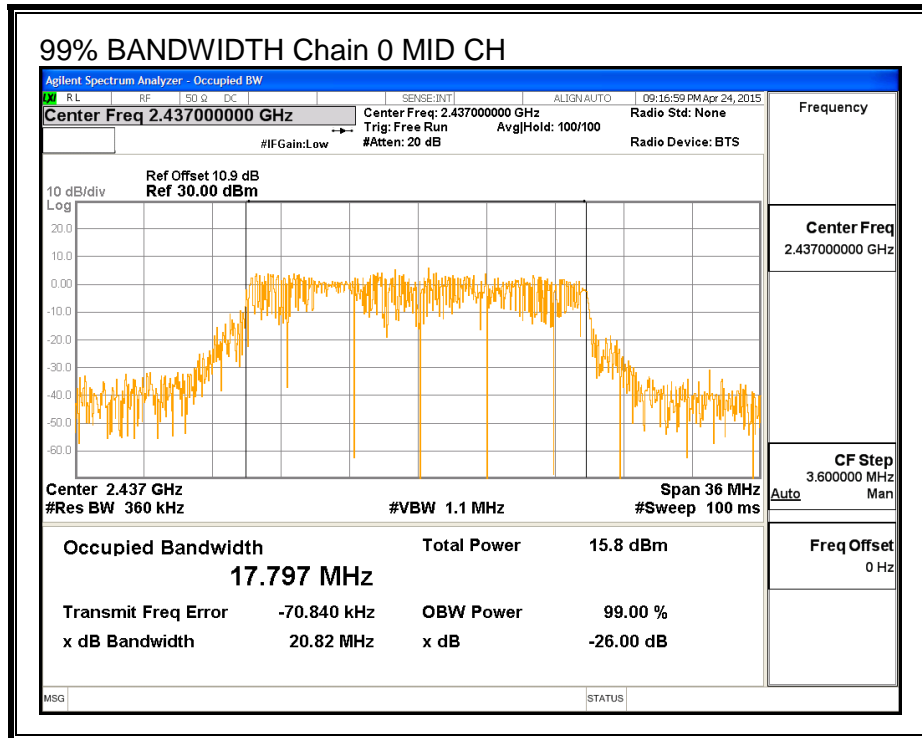
None; for reporting purposes only.

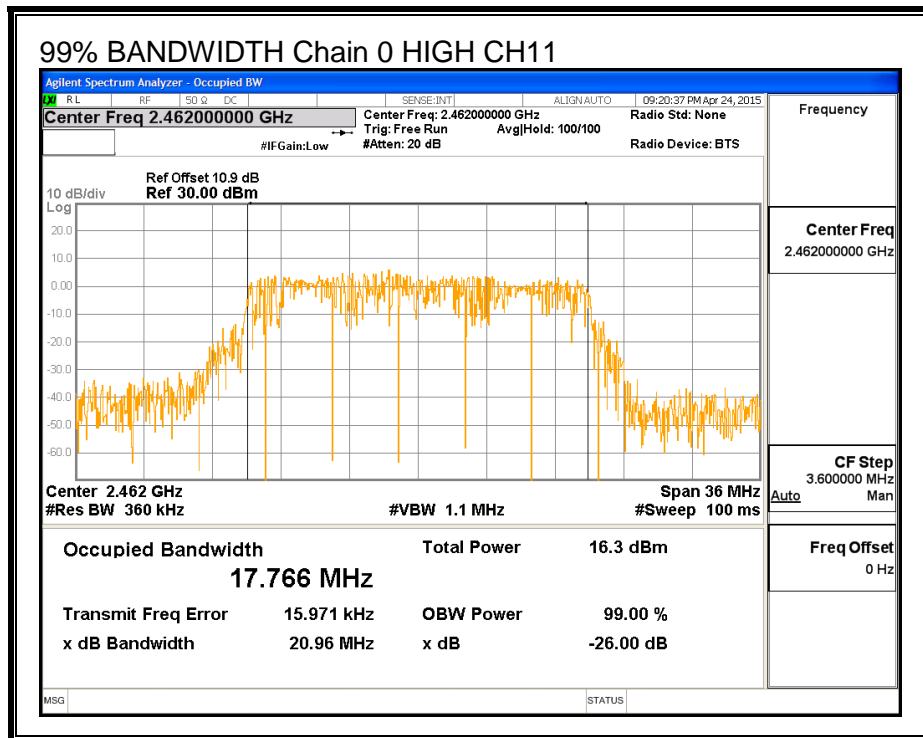
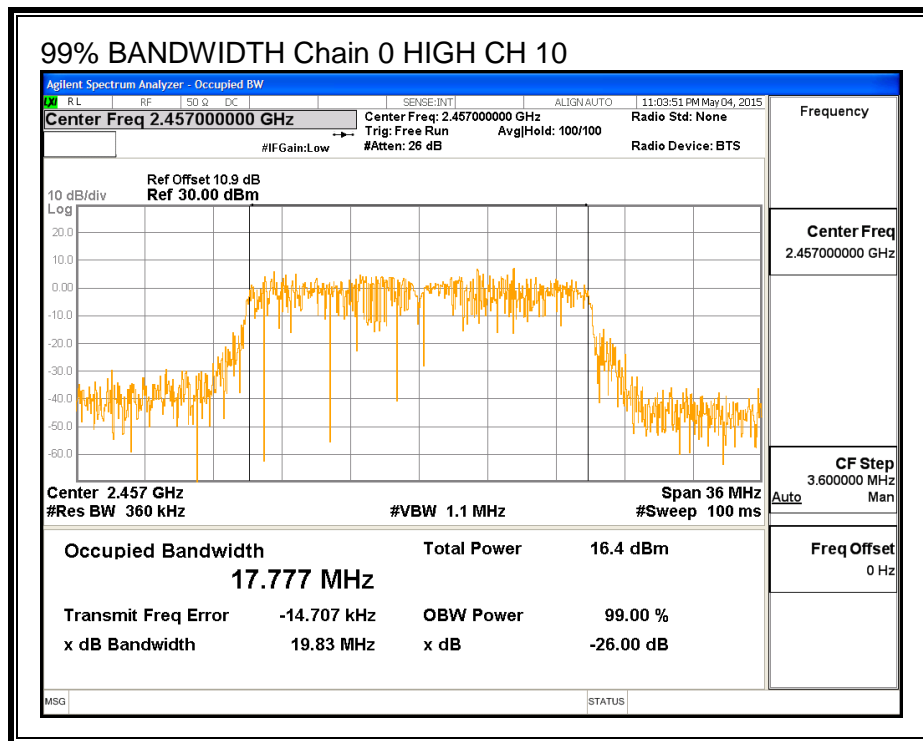
RESULTS

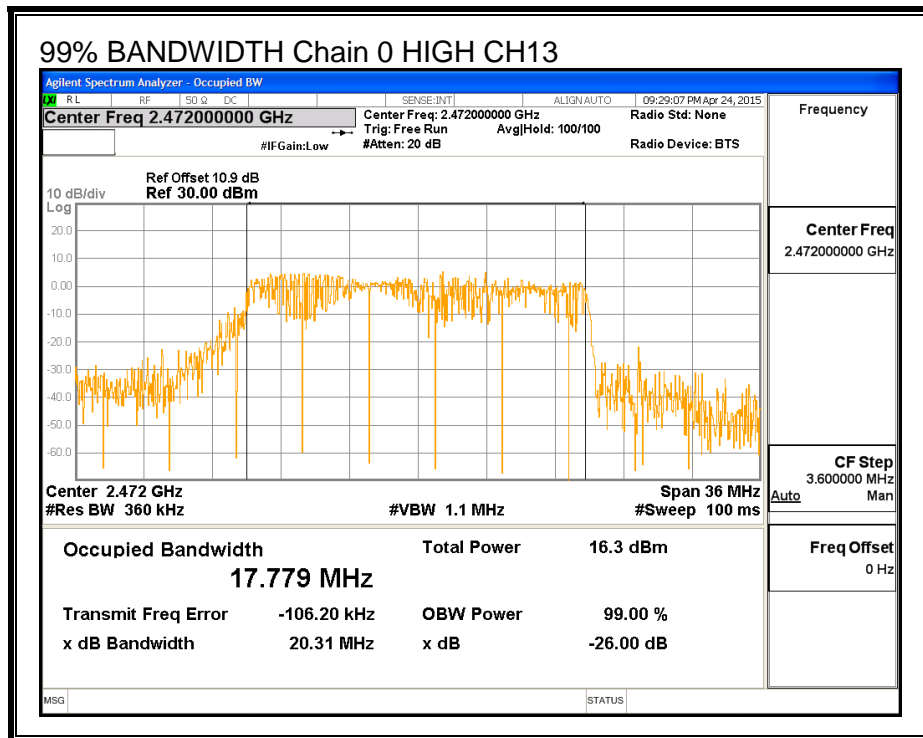
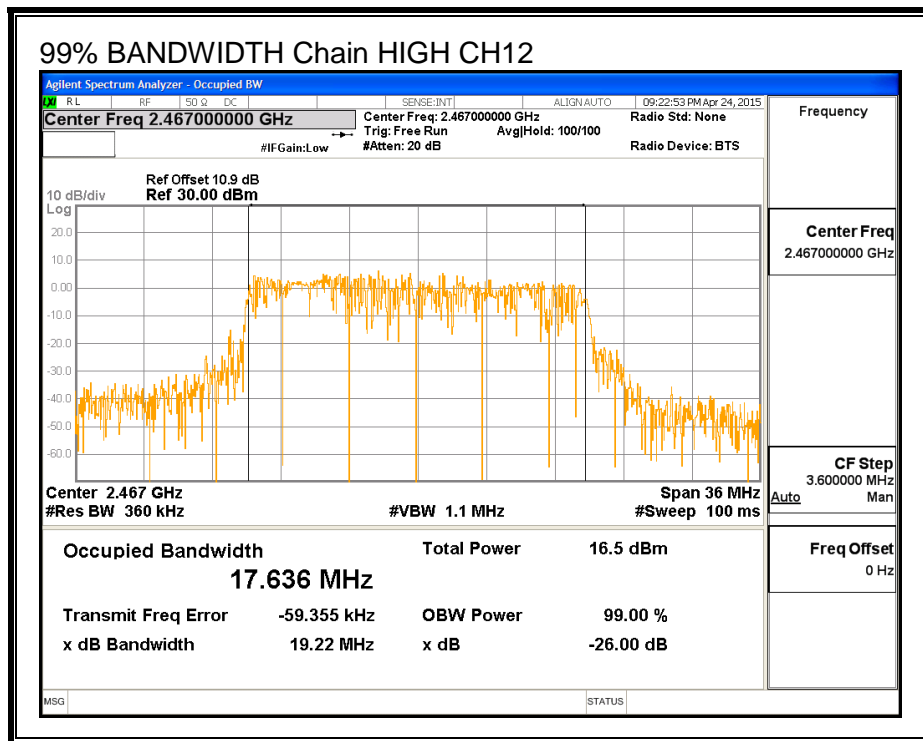
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low_1	2412	17.744	17.744
Low_2	2417	17.736	17.700
Mid	2437	17.797	17.668
High_9	2452	17.721	17.843
High_10	2457	17.777	17.789
High_11	2462	17.766	17.838
High_12	2467	17.636	17.800
High_13	2472	17.779	17.778

99% BANDWIDTH, Chain 0

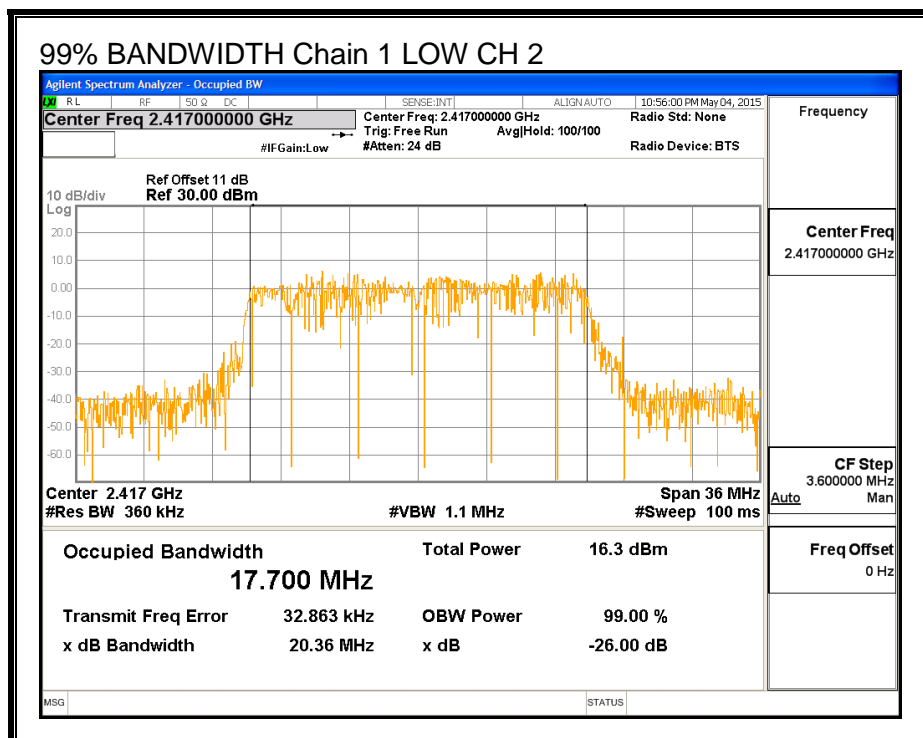
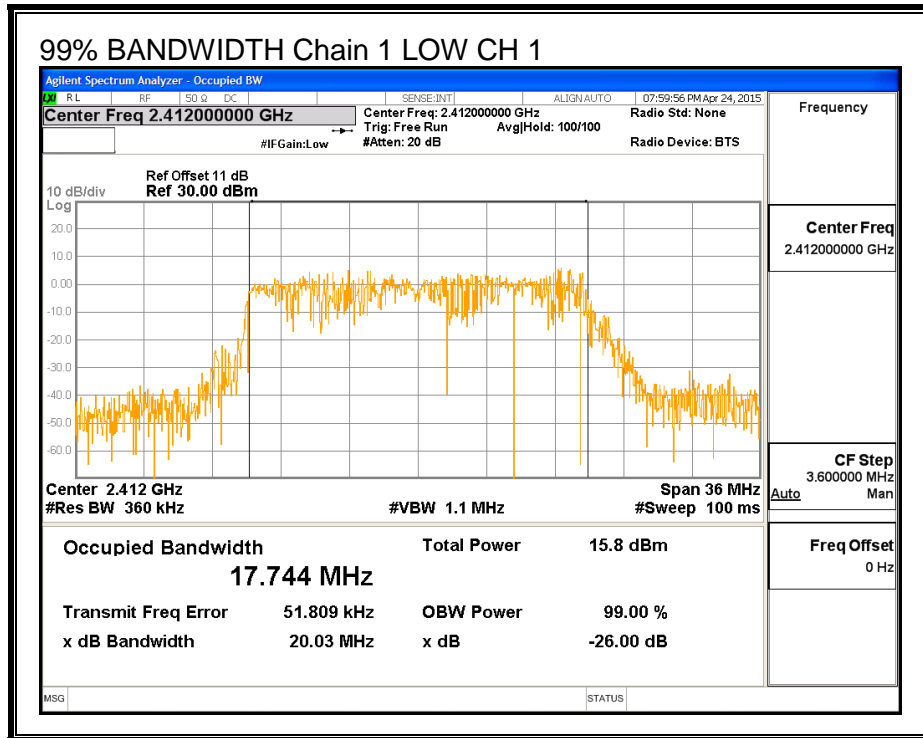


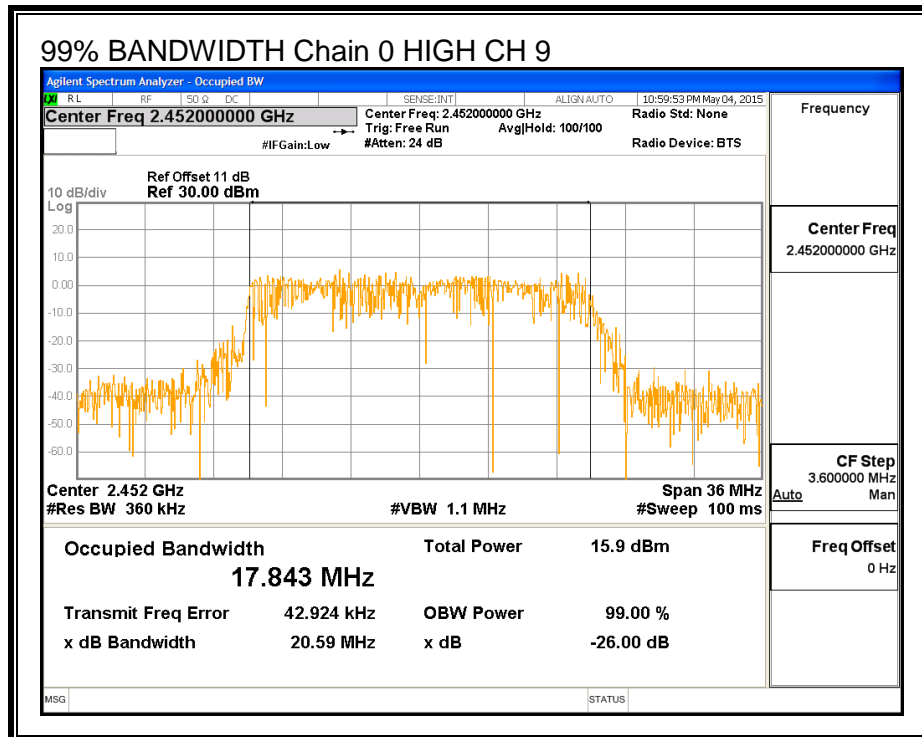
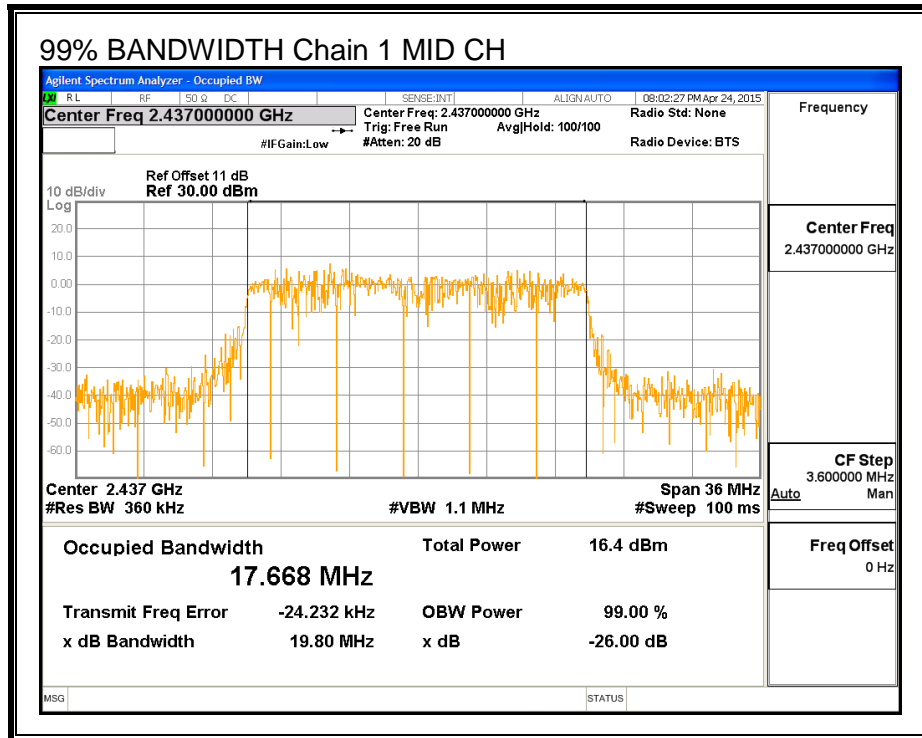


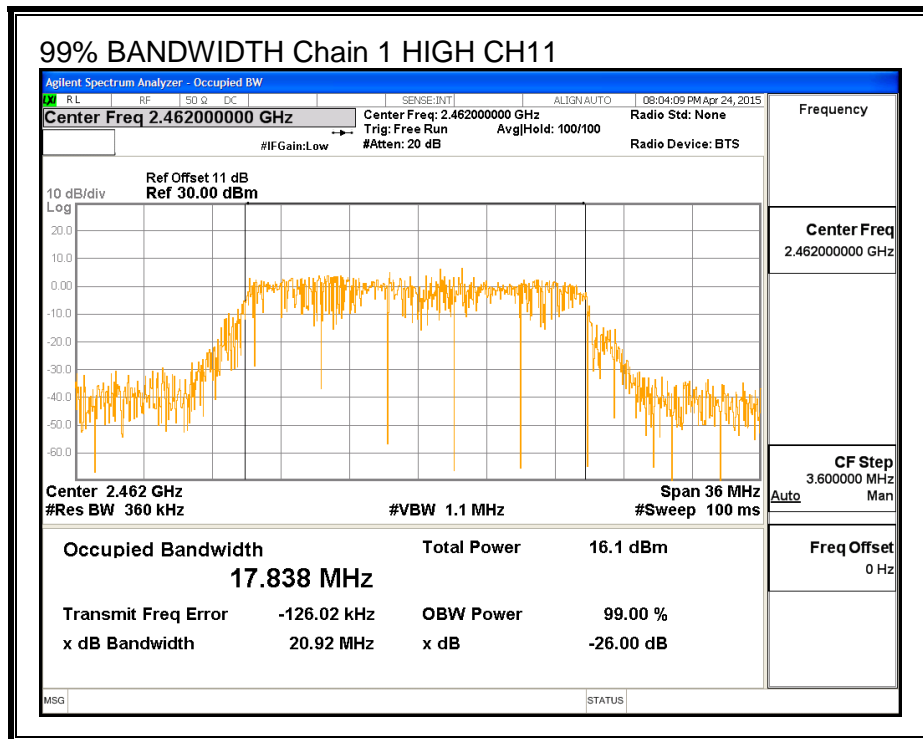
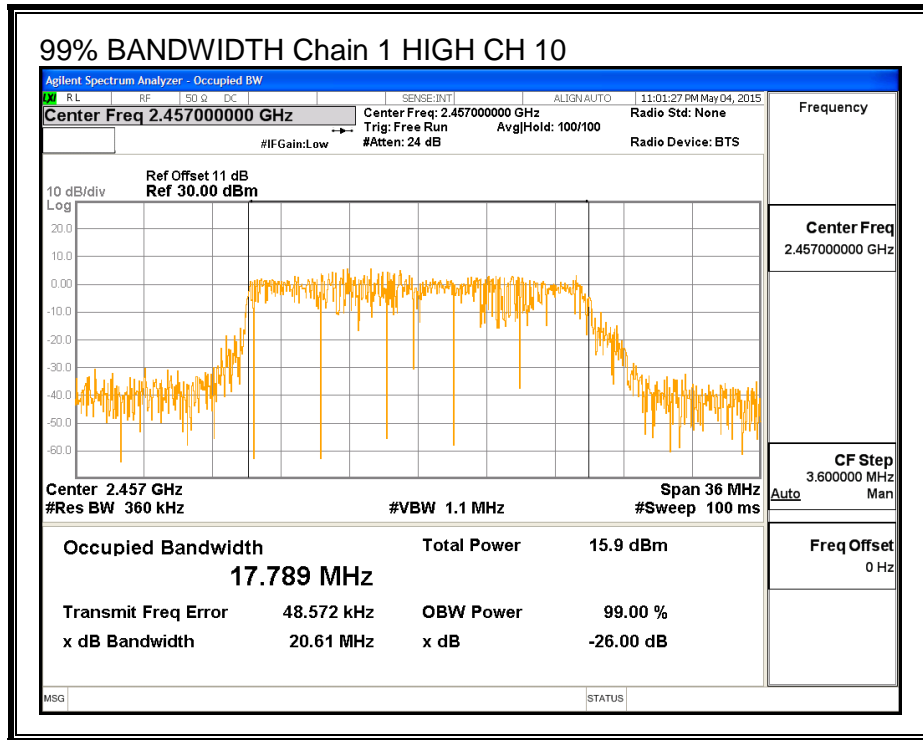


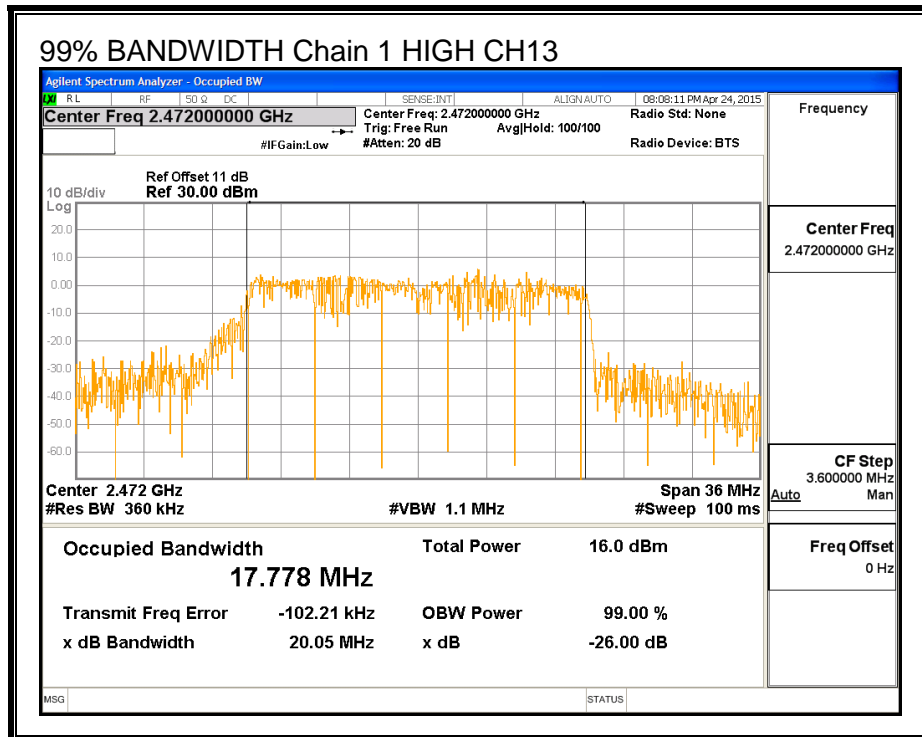
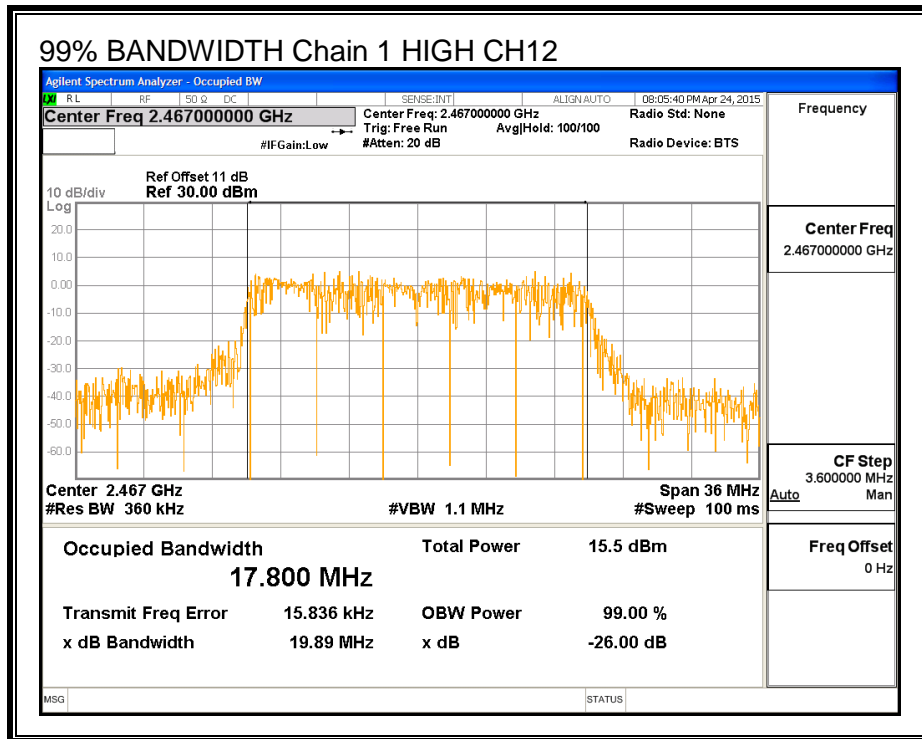


99% BANDWIDTH, Chain 1









7.5.3. AVERAGE POWER

LIMITS

None; for reporting purposes only.

RESULTS

Channel	Frequency (MHz)	Chain 1 Power (dBm)	Chain 2 Power (dBm)	Total Power (dBm)
Low_1	2412	15.38	15.41	18.41
Low_2	2417	16.82	16.93	19.89
Mid	2437	18.47	18.44	21.47
High_9	2452	18.41	18.39	21.41
High_10	2457	15.43	15.36	18.41
High_11	2462	14.38	14.42	17.41
High_12	2467	11.87	11.85	14.87
High_13	2472	2.96	2.92	5.95

7.5.4. OUTPUT POWER

LIMITS

FCC §15.247

IC RSS-247 (5.4) (4)

For systems using digital modulation in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 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:

Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
1.38	-0.95	0.37

RESULTS

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low_1	2412	0.37	30.00	30	36	30.00
Low_2	2417	0.37	30.00	30	36	30.00
Mid	2437	0.37	30.00	30	36	30.00
High_9	2452	0.37	30.00	30	36	30.00
High_10	2457	0.37	30.00	30	36	30.00
High_11	2462	0.37	30.00	30	36	30.00
High_12	2467	0.37	30.00	30	36	30.00
High_13	2472	0.37	30.00	30	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margi (dB)
Low_1	2412	21.22	21.36	24.30	30.00	-5.70
Low_2	2417	21.93	22.08	25.02	30.00	-4.98
Mid	2437	22.94	22.83	25.90	30.00	-4.10
High_9	2452	22.86	22.84	25.86	30.00	-4.14
High_10	2457	21.68	21.51	24.61	30.00	-5.39
High_11	2462	20.95	21.08	24.03	30.00	-5.97
High_12	2467	18.75	18.68	21.73	30.00	-8.27
High_13	2472	11.66	11.63	14.66	30.00	-15.34

7.5.5. POWER SPECTRAL DENSITY

LIMITS

FCC §15.247

IC RSS-247 (5.2) (2)

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 transmissions.

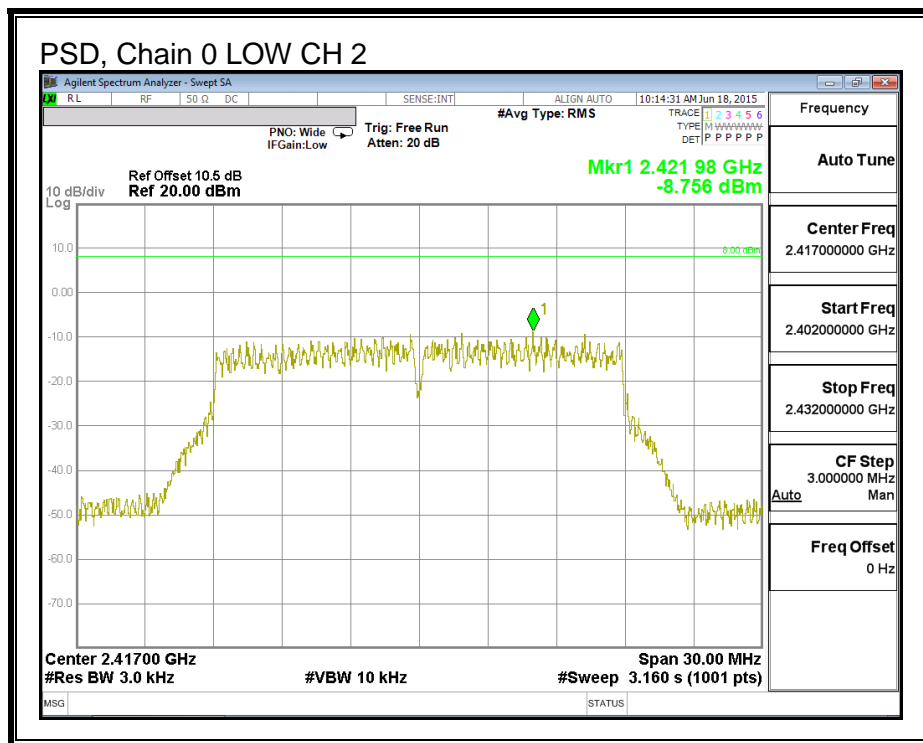
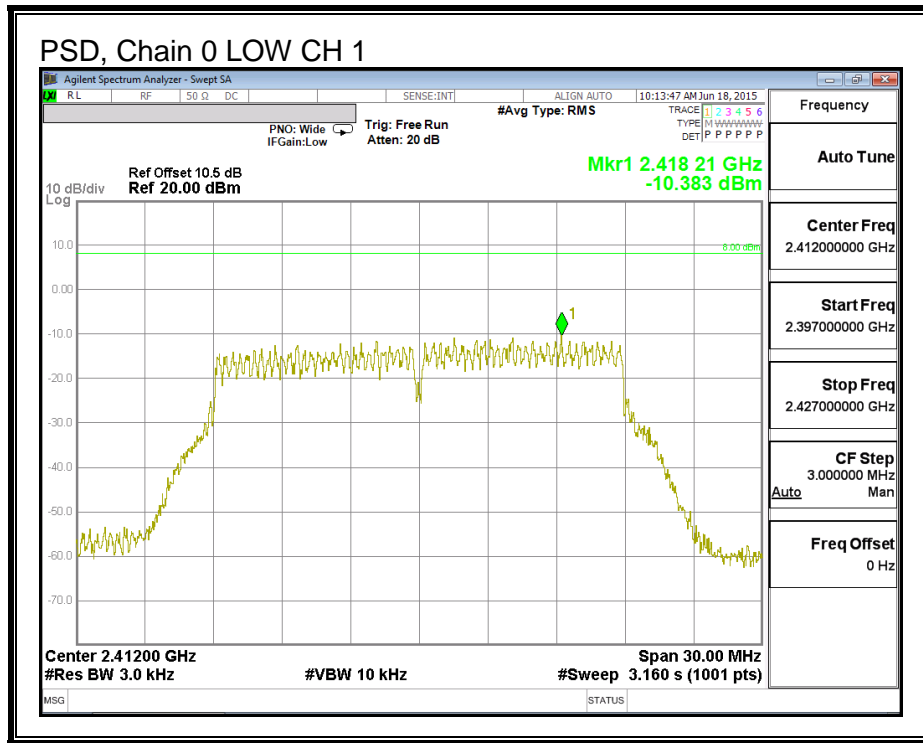
RESULTS

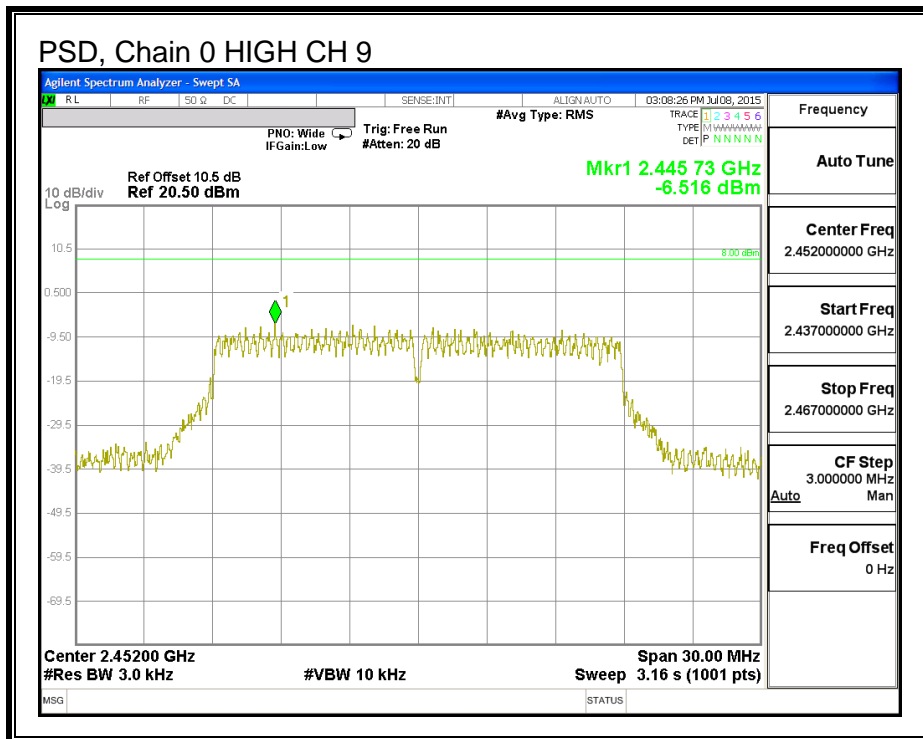
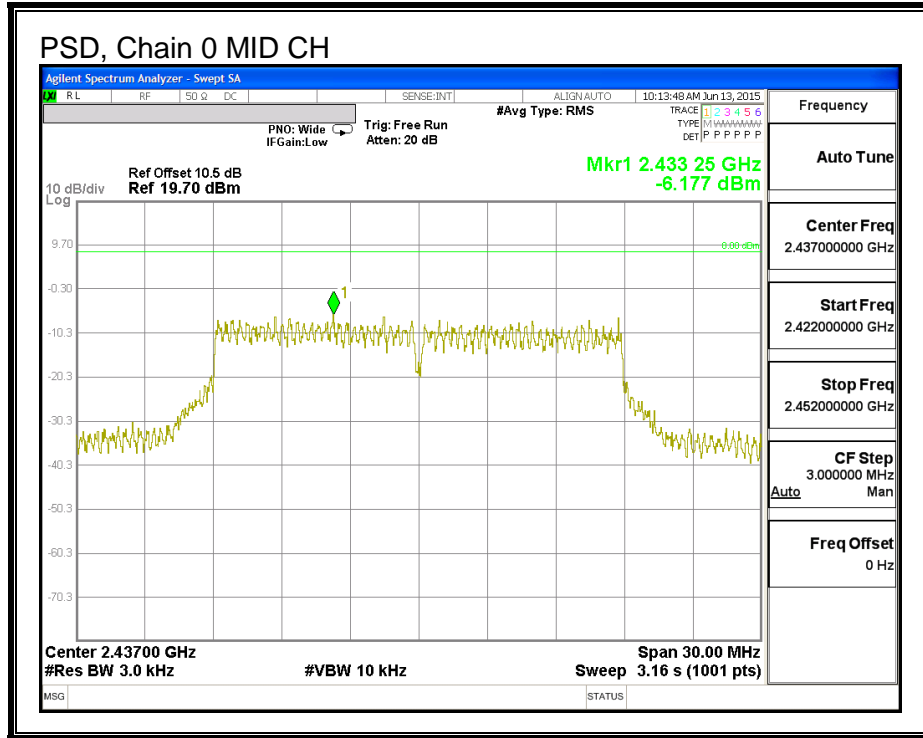
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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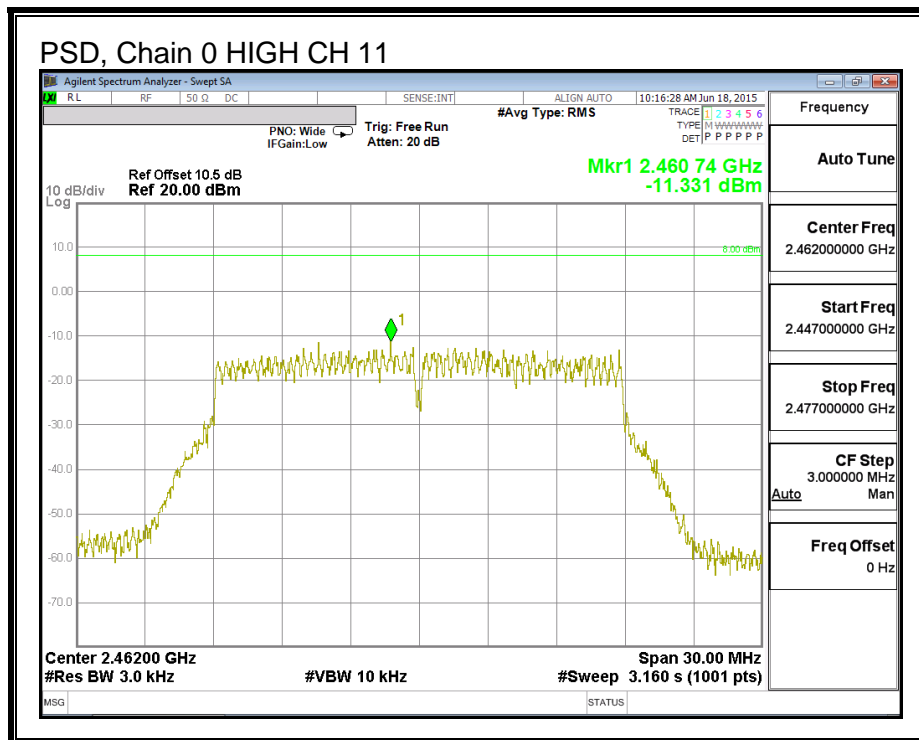
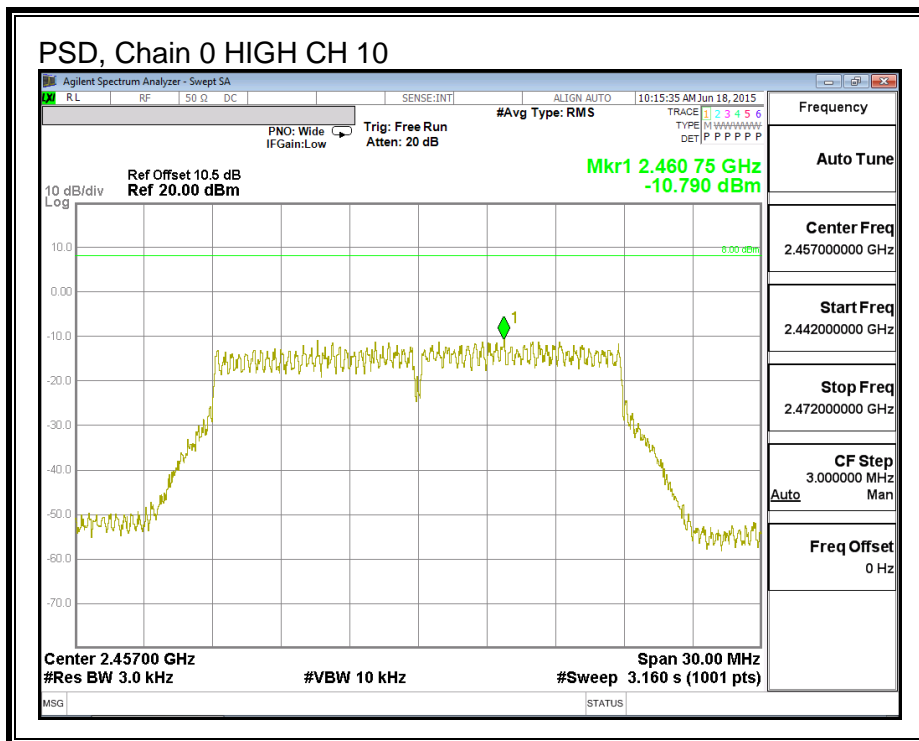
PSD Results

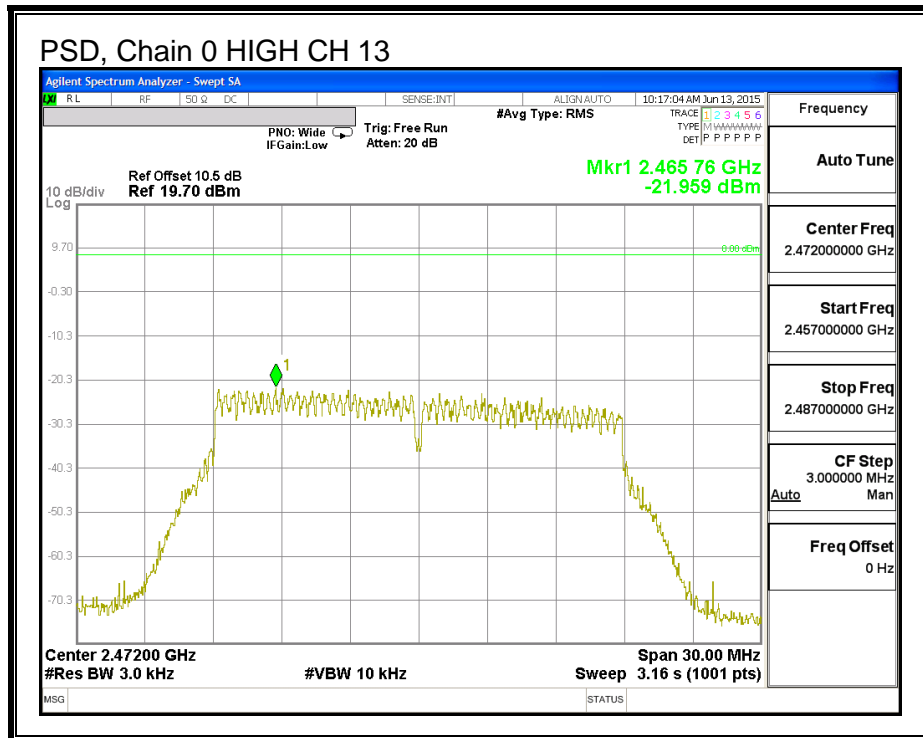
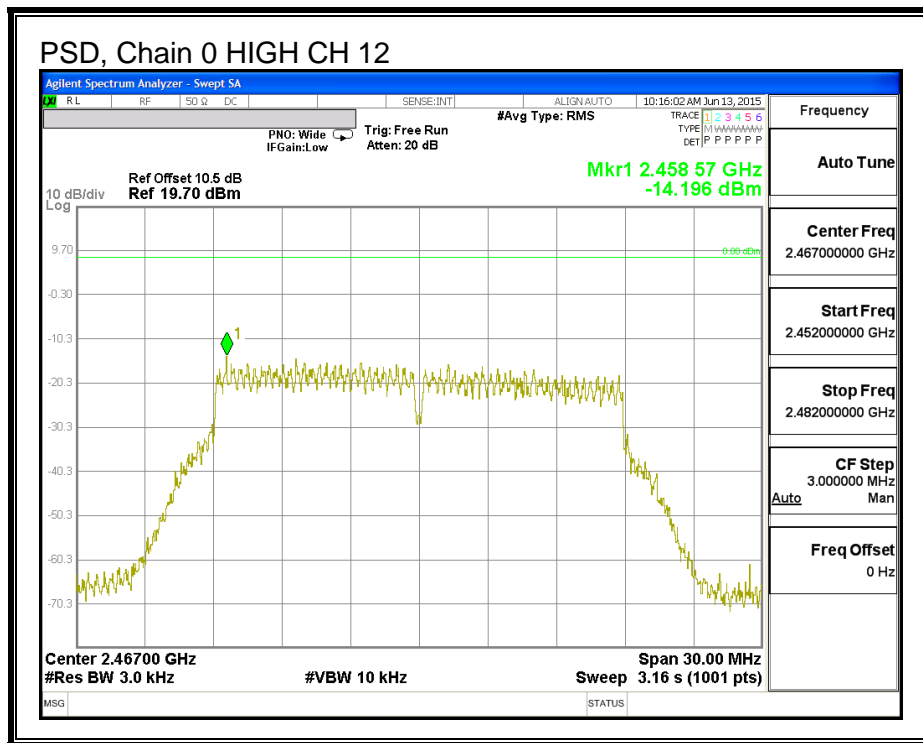
Channel	Frequency (MHz)	Chain 0 Meas (dBm)	Chain 1 Meas (dBm)	Total Corr'd PSD (dBm)	Limit (dBm)	Margin (dB)
Low_1	2412	-10.38	-10.43	-7.40	8.0	-15.4
Low_2	2417	-8.76	-8.37	-5.55	8.0	-13.5
Mid	2437	-6.18	-6.29	-3.22	8.0	-11.2
High_9	2452	-6.52	-6.33	-3.41	8.0	-11.4
High_10	2457	-10.79	-10.68	-7.72	8.0	-15.7
High_11	2462	-11.33	-11.80	-8.55	8.0	-16.5
High_12	2467	-14.19	-13.59	-10.87	8.0	-18.9
High_13	2472	-21.96	-21.83	-18.88	8.0	-26.9

PSD, Chain 0

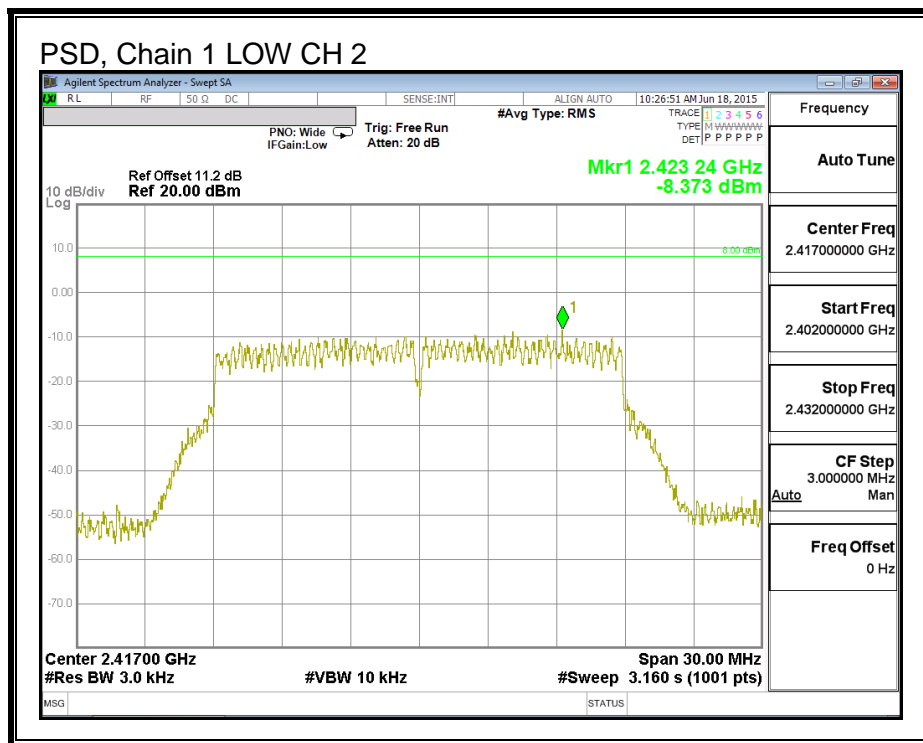
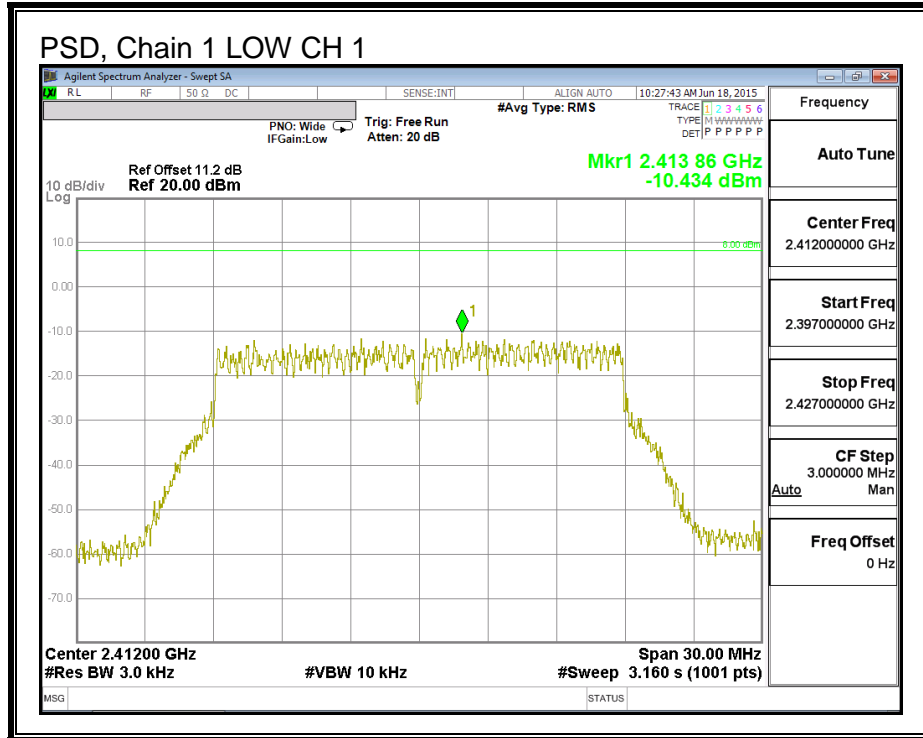


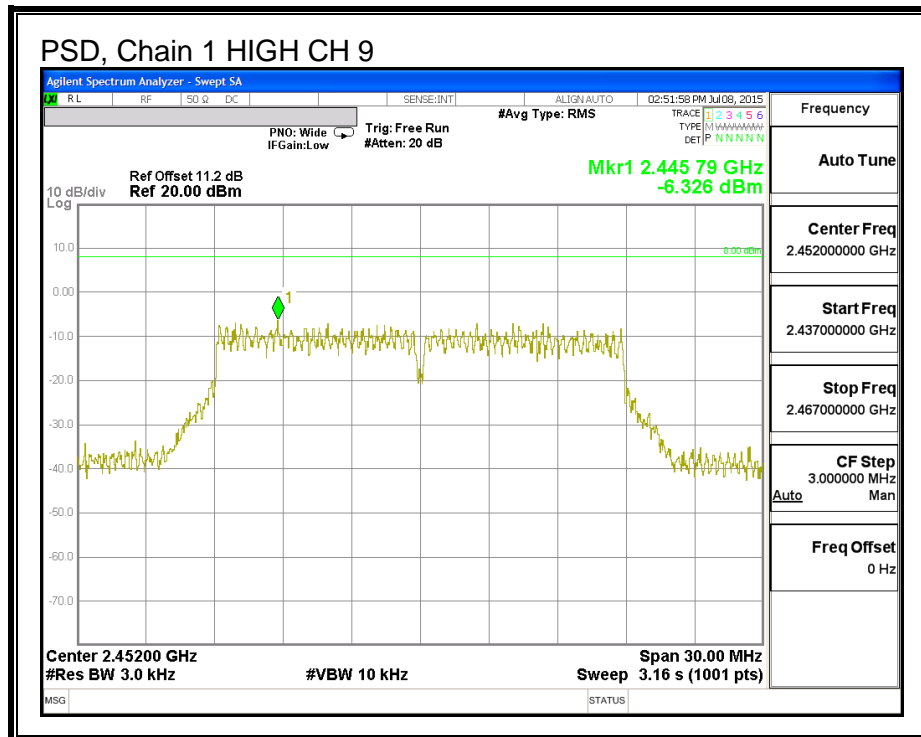
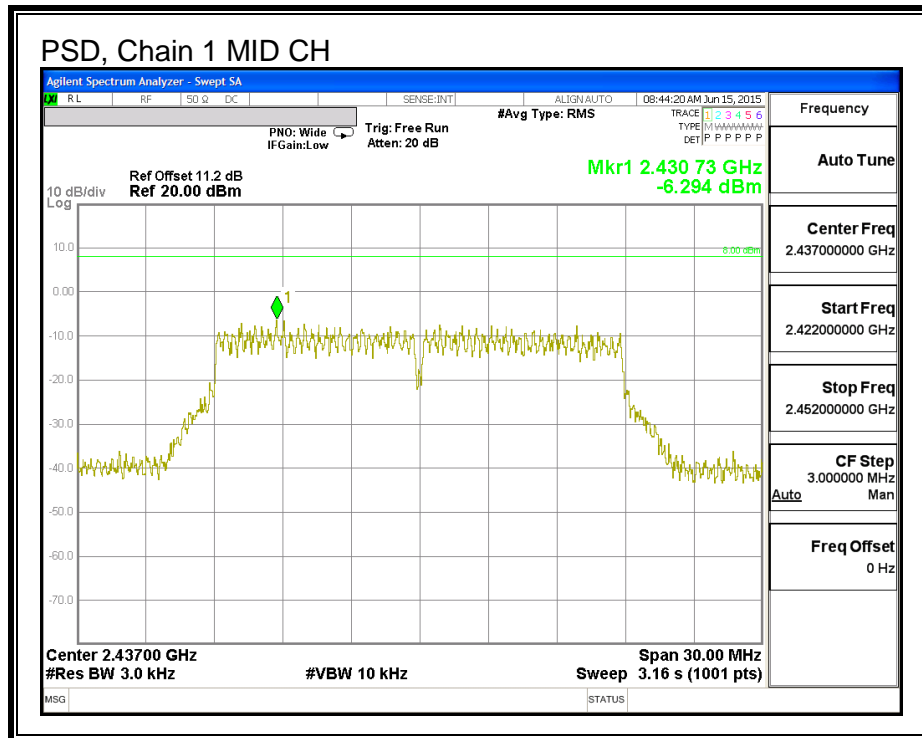


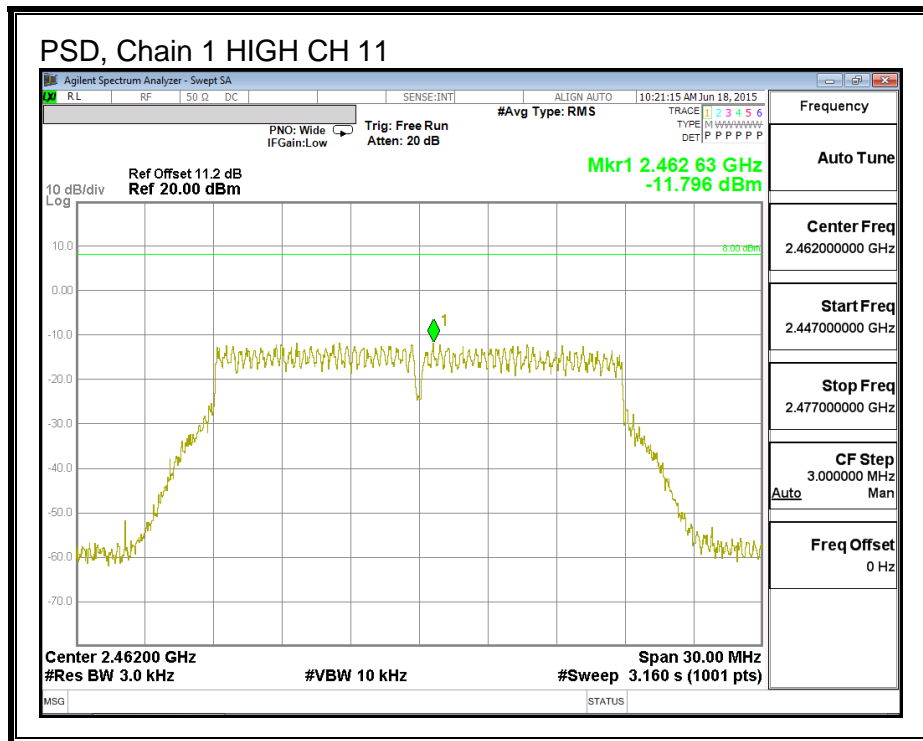
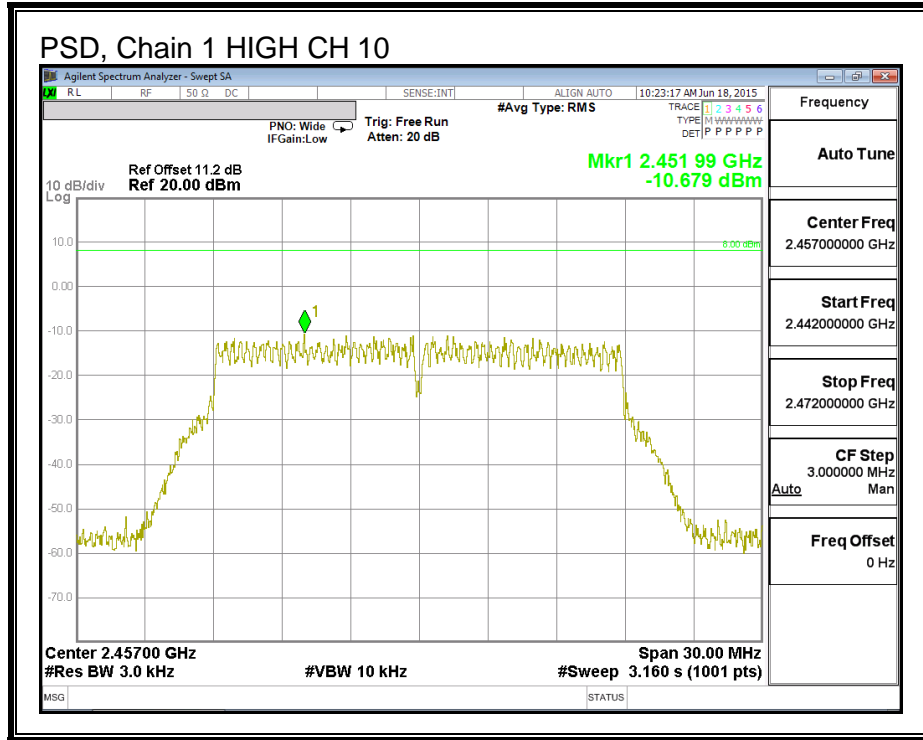


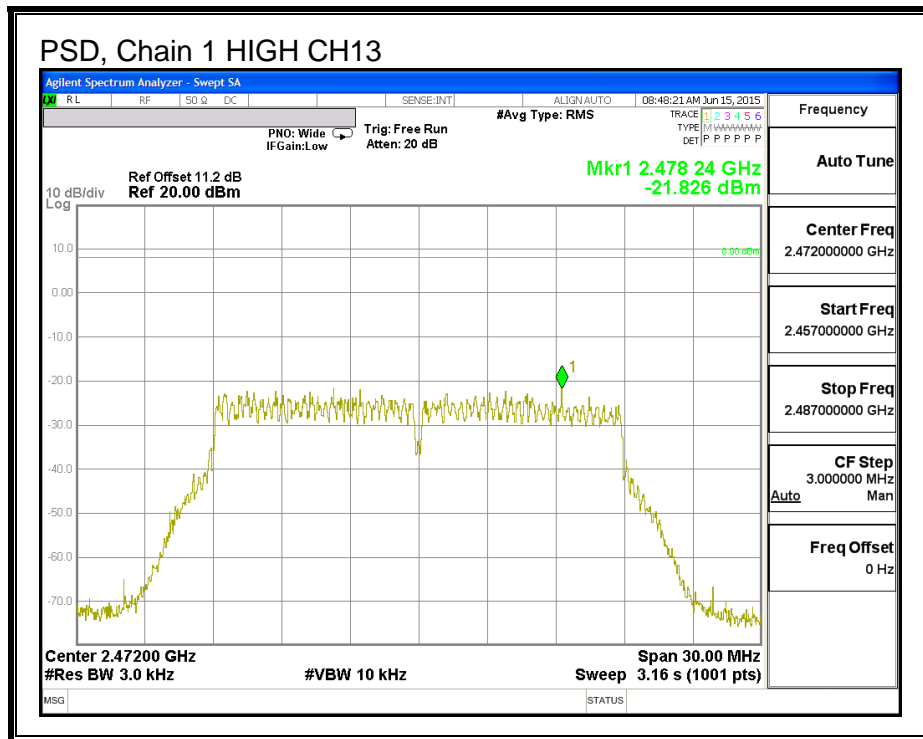
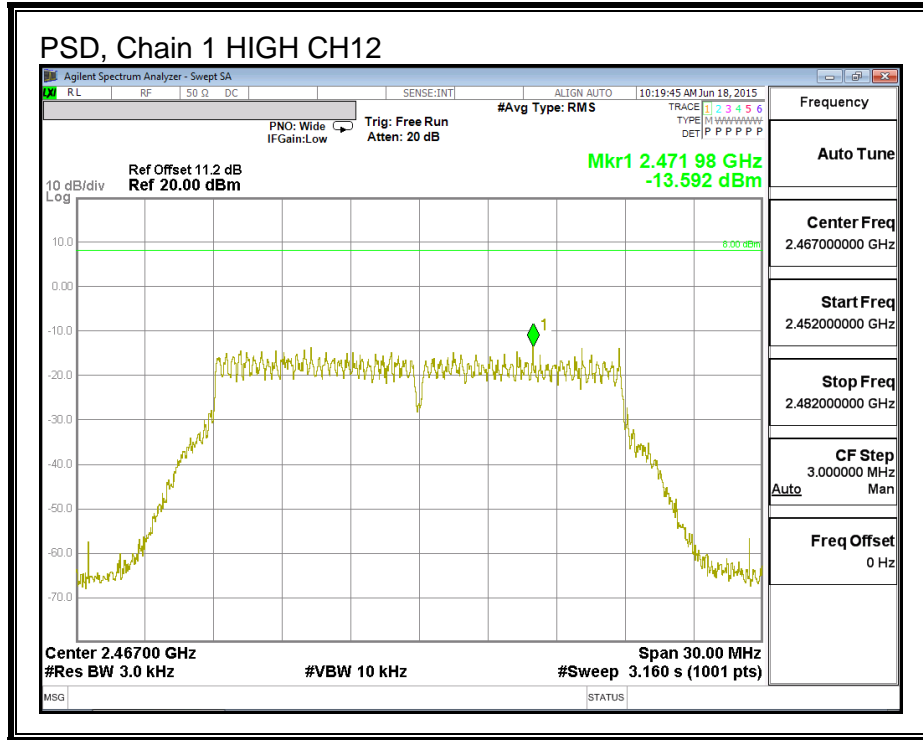


PSD, Chain 1









7.5.6. OUT-OF-BAND EMISSIONS

LIMITS

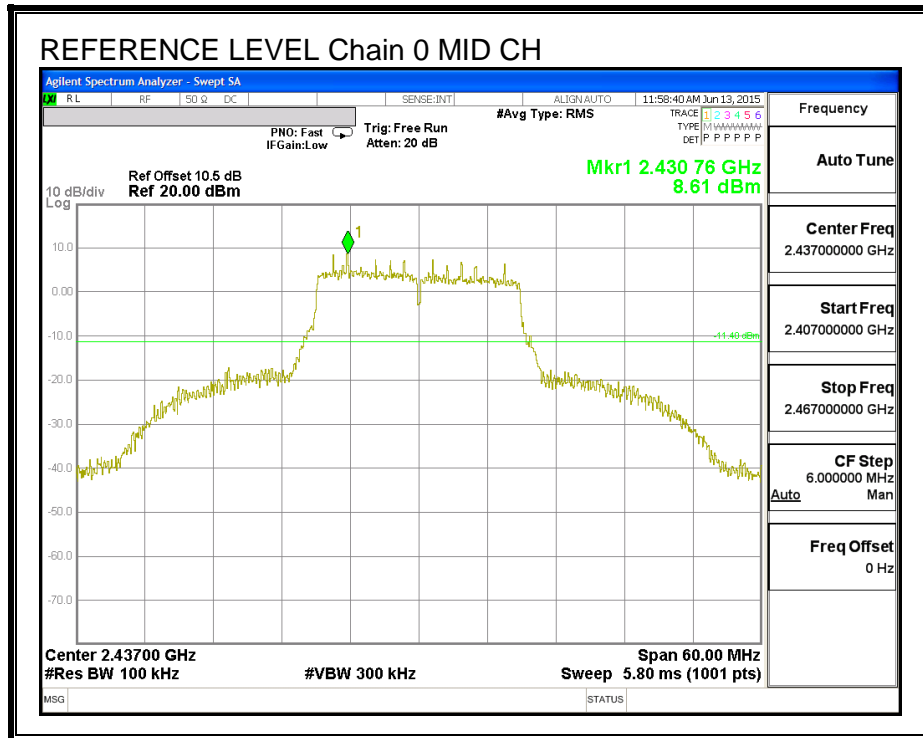
FCC §15.247 (d)

IC RSS-247 (5.5)

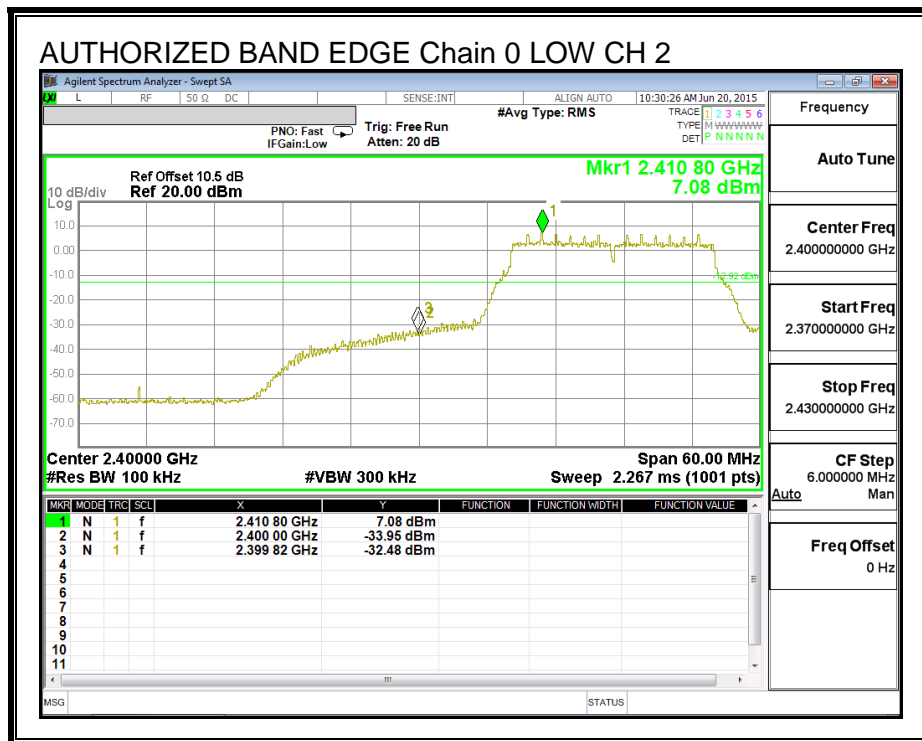
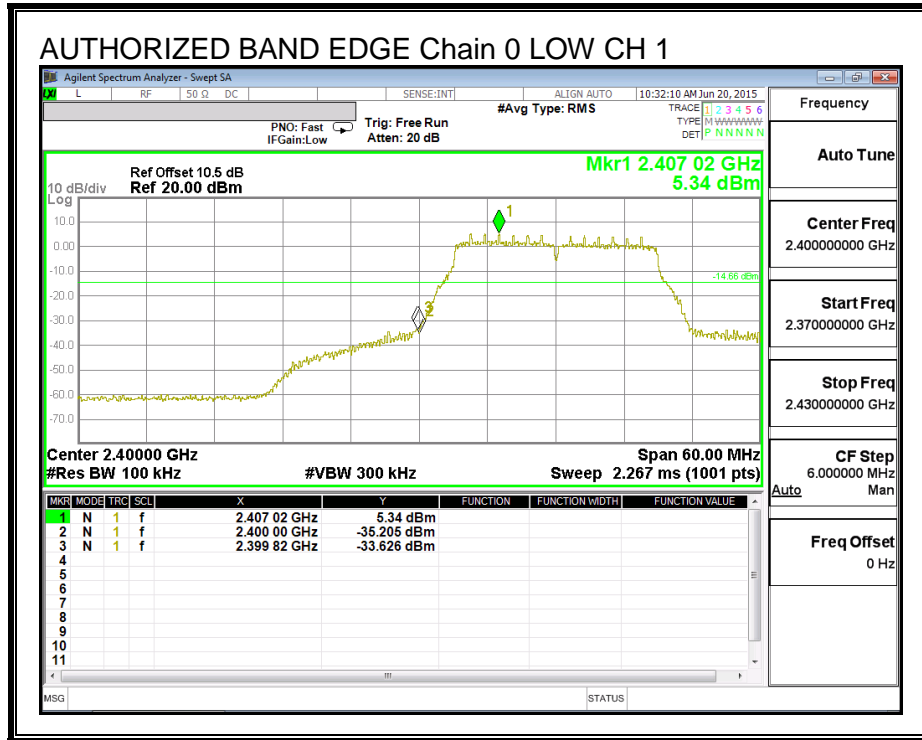
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the 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.

RESULTS

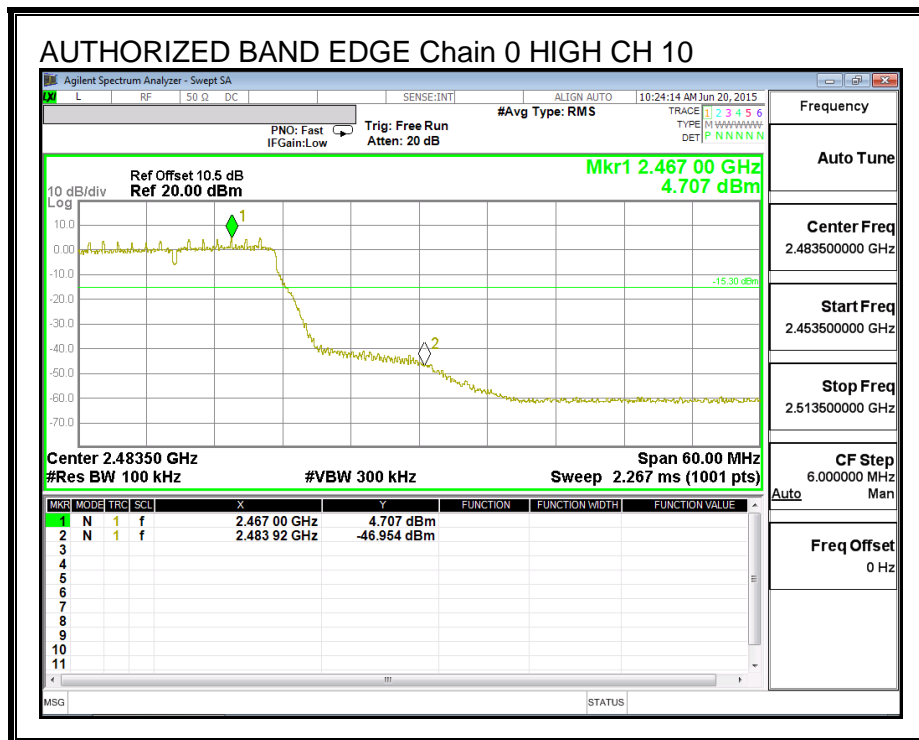
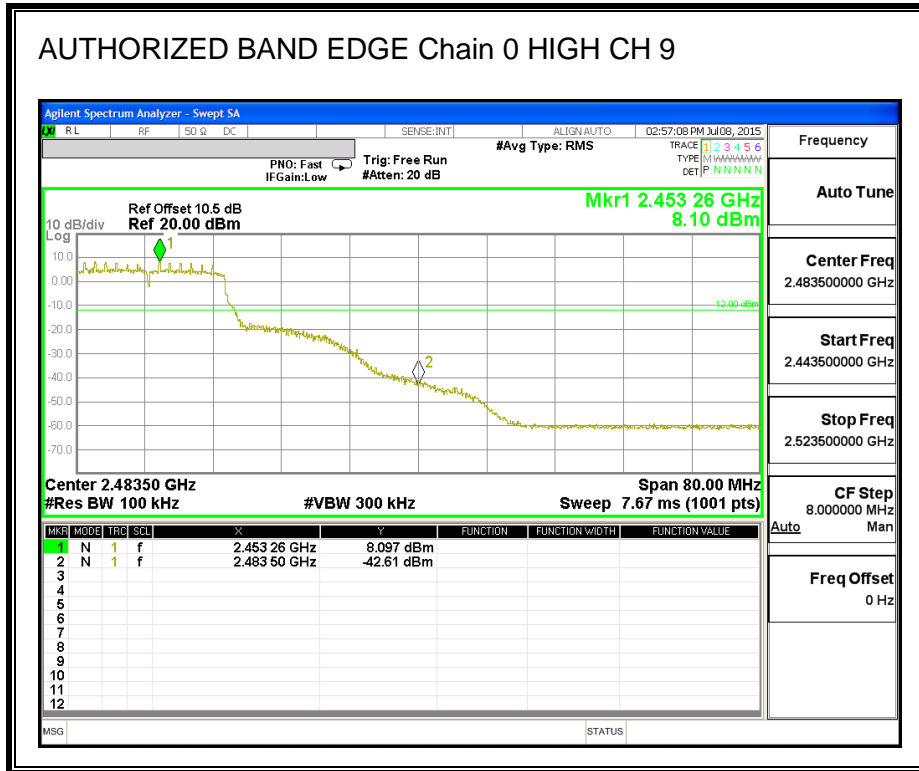
IN-BAND REFERENCE LEVEL, Chain 0

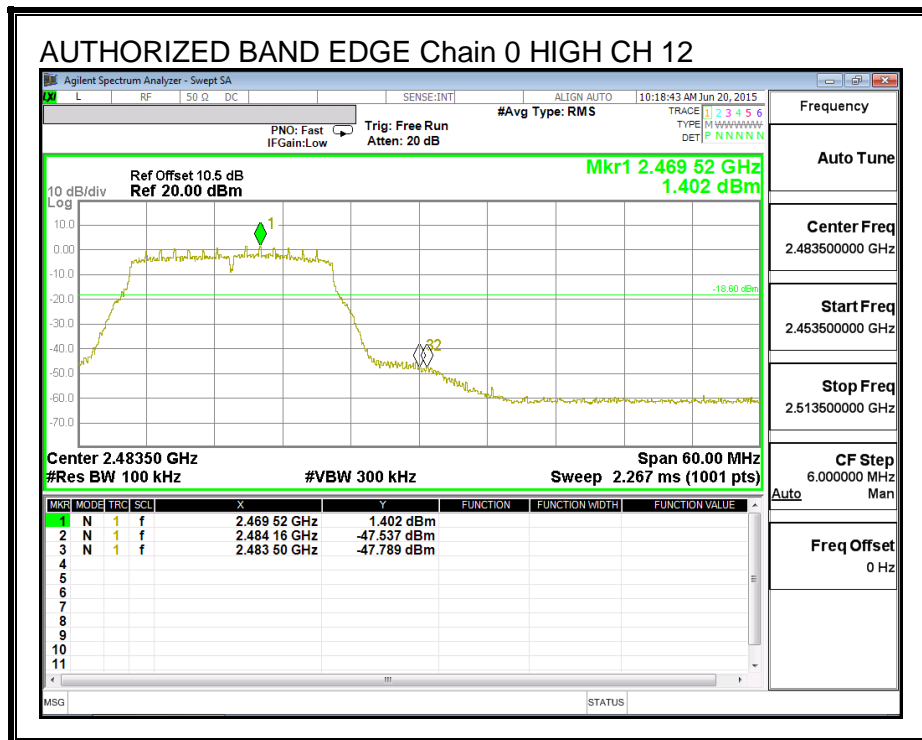
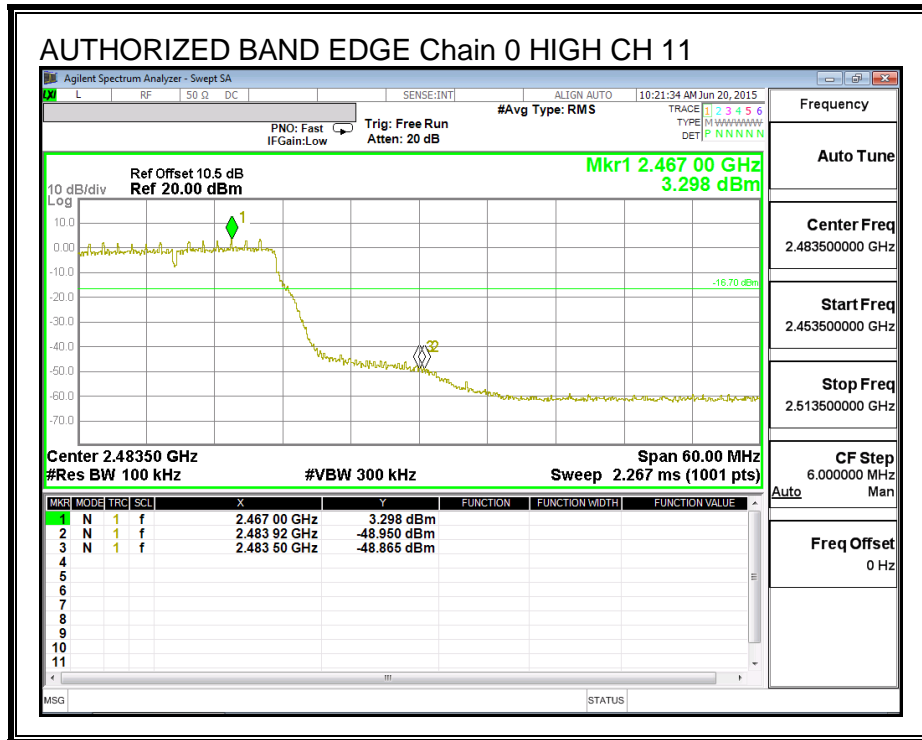


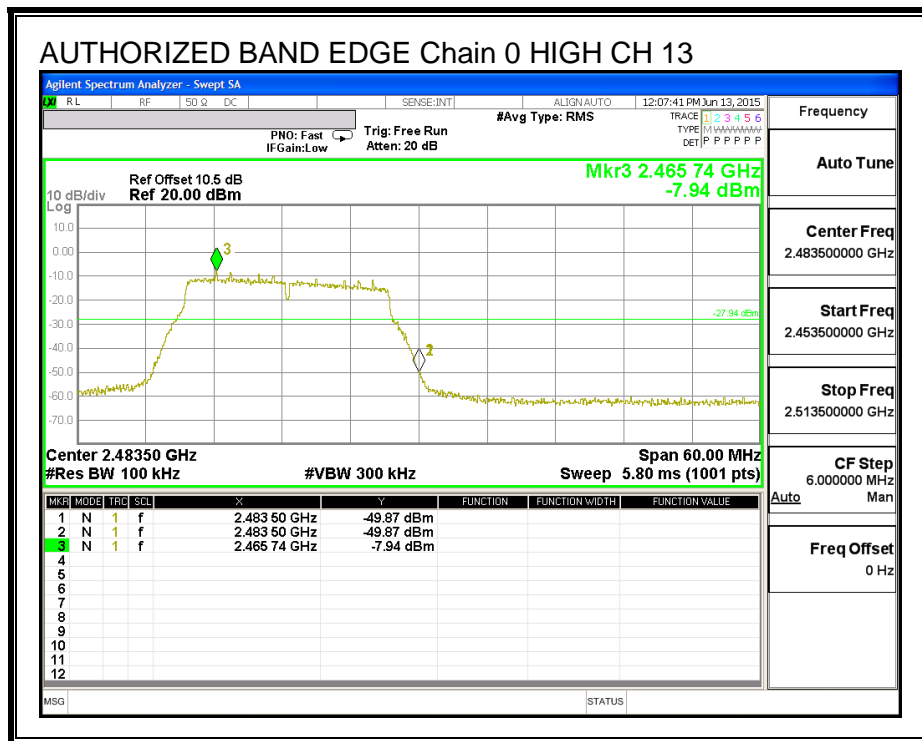
LOW CHANNEL BANDEDGE



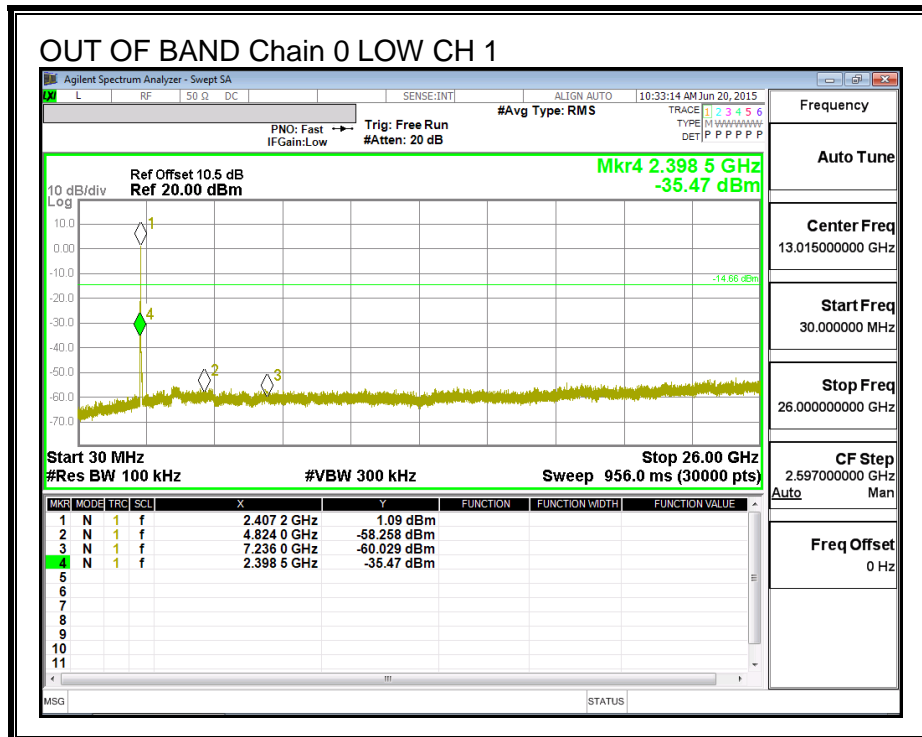
HIGH CHANNEL BANDEDGE

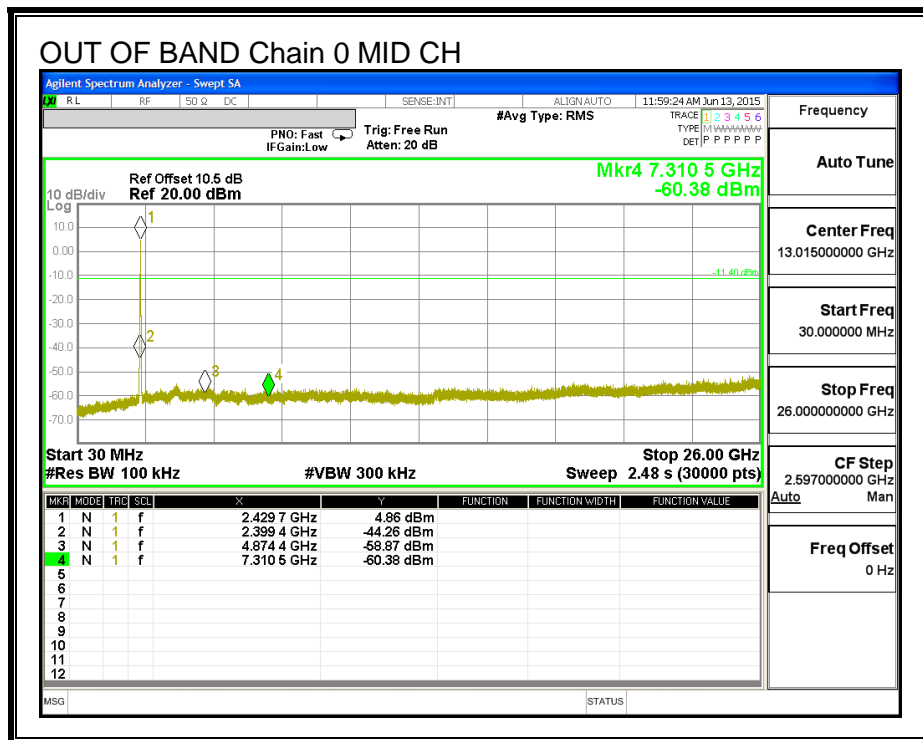
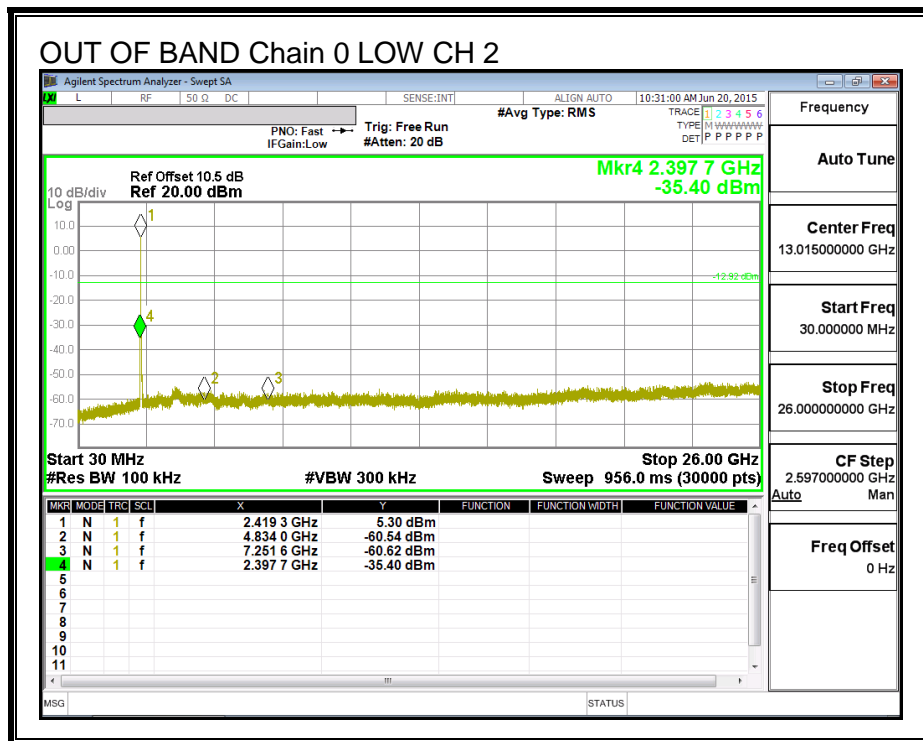


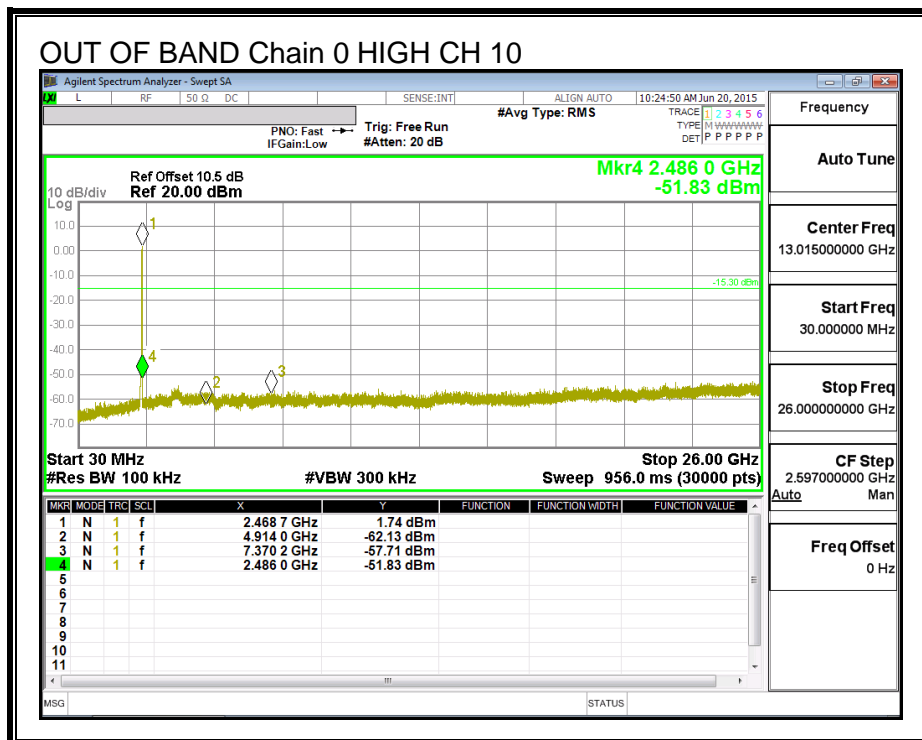
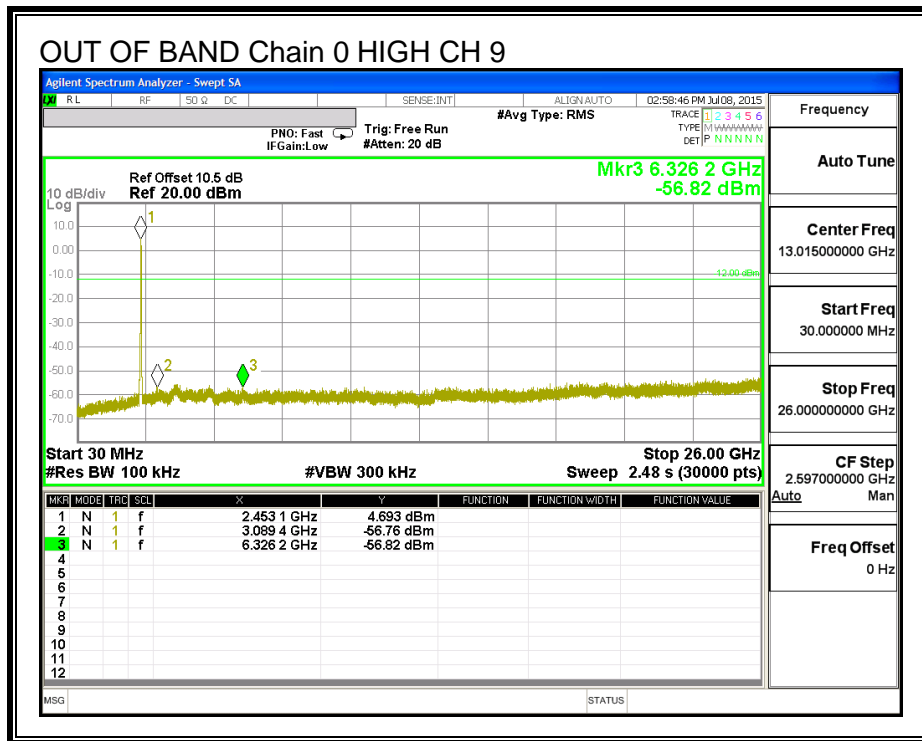


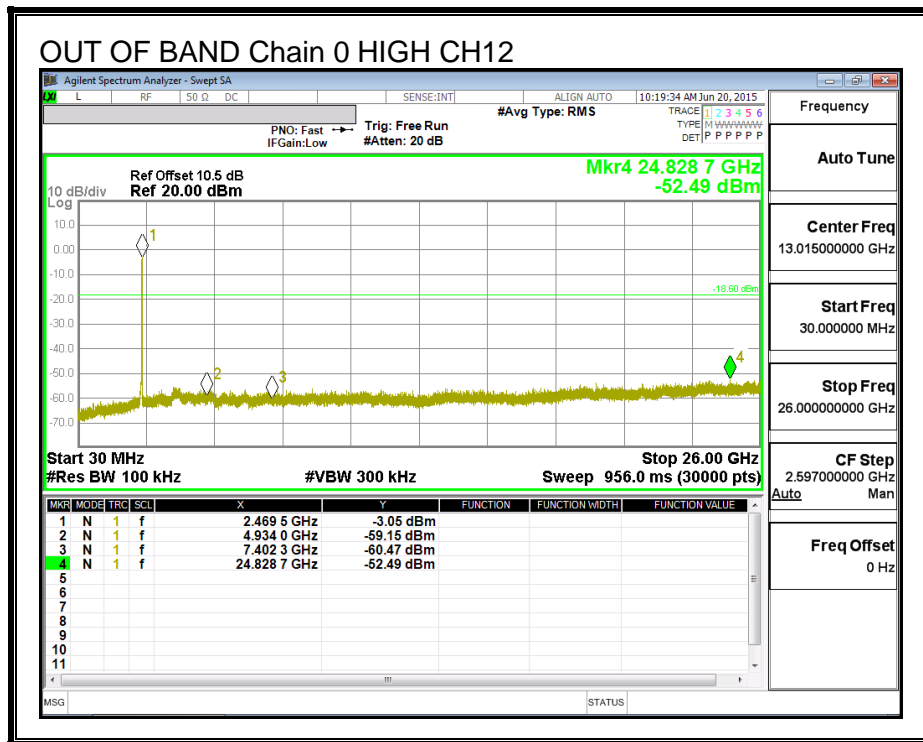
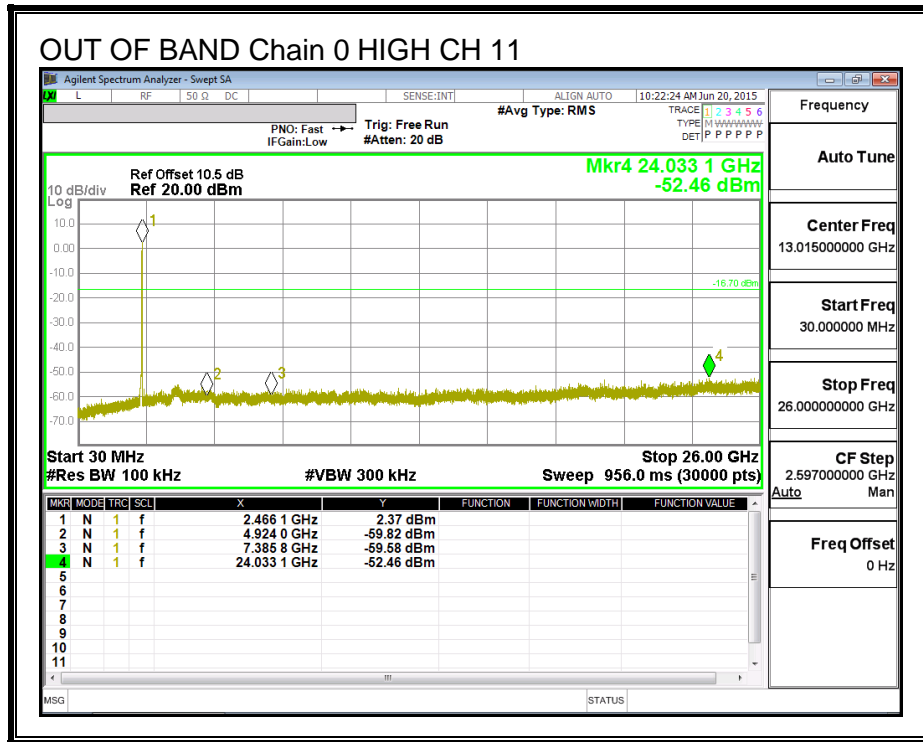


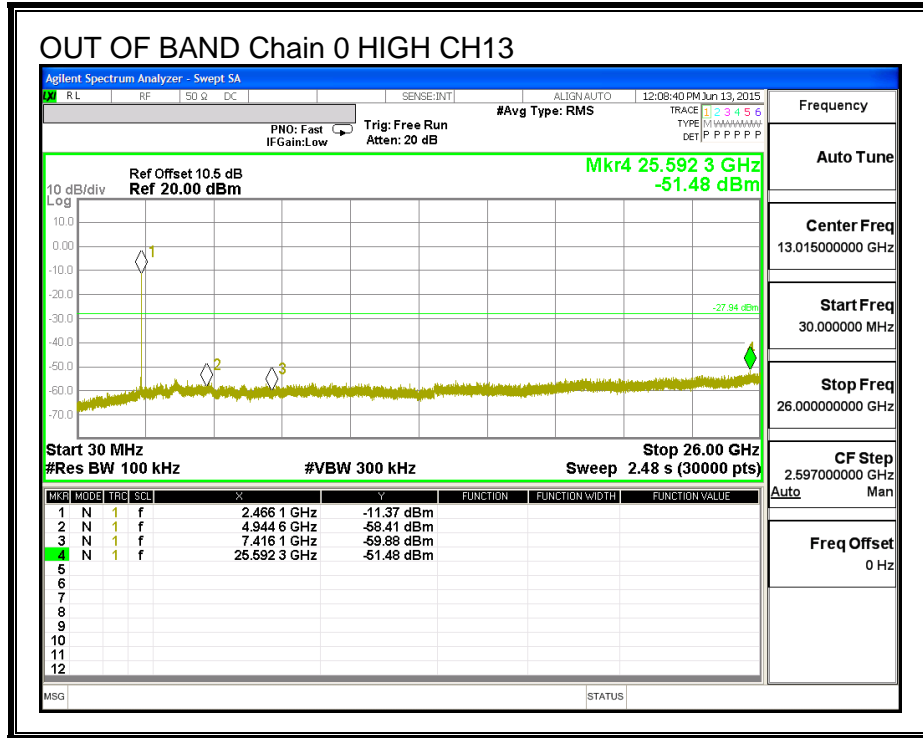
OUT-OF-BAND EMISSIONS



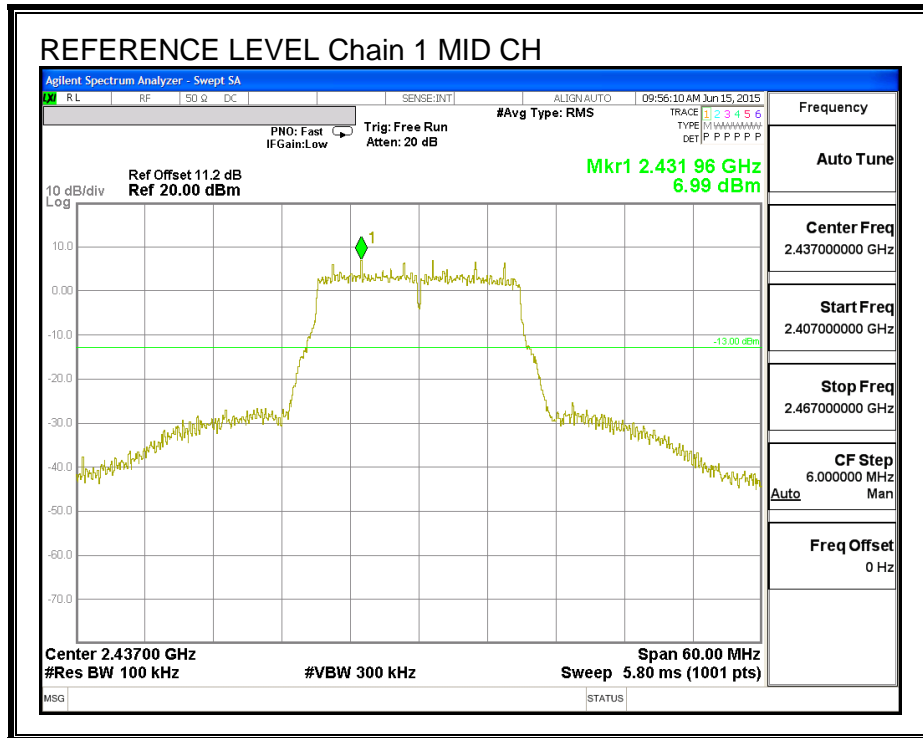




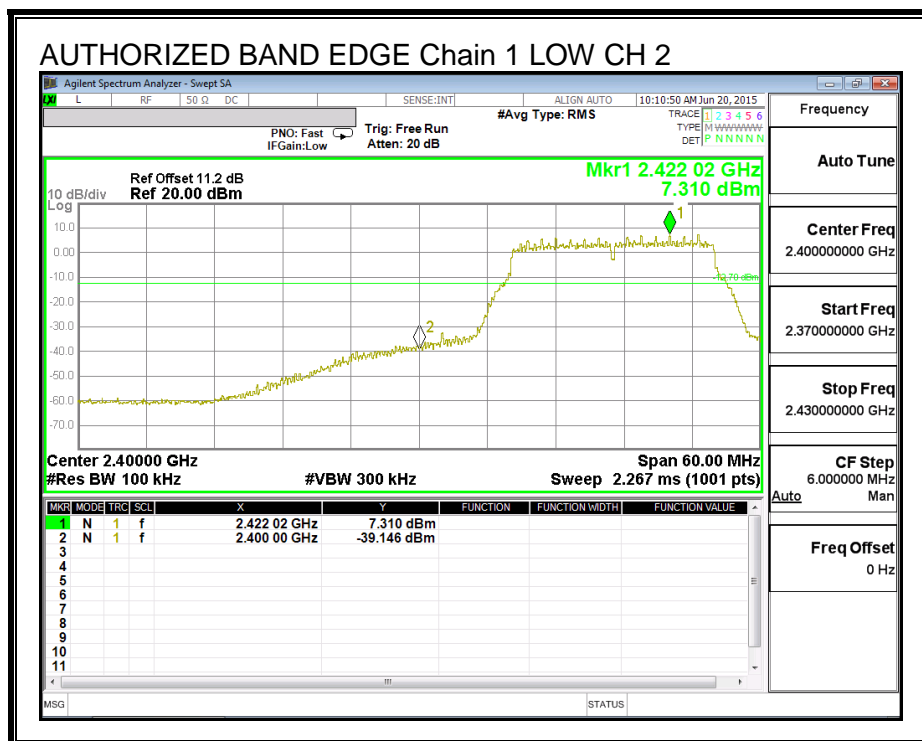
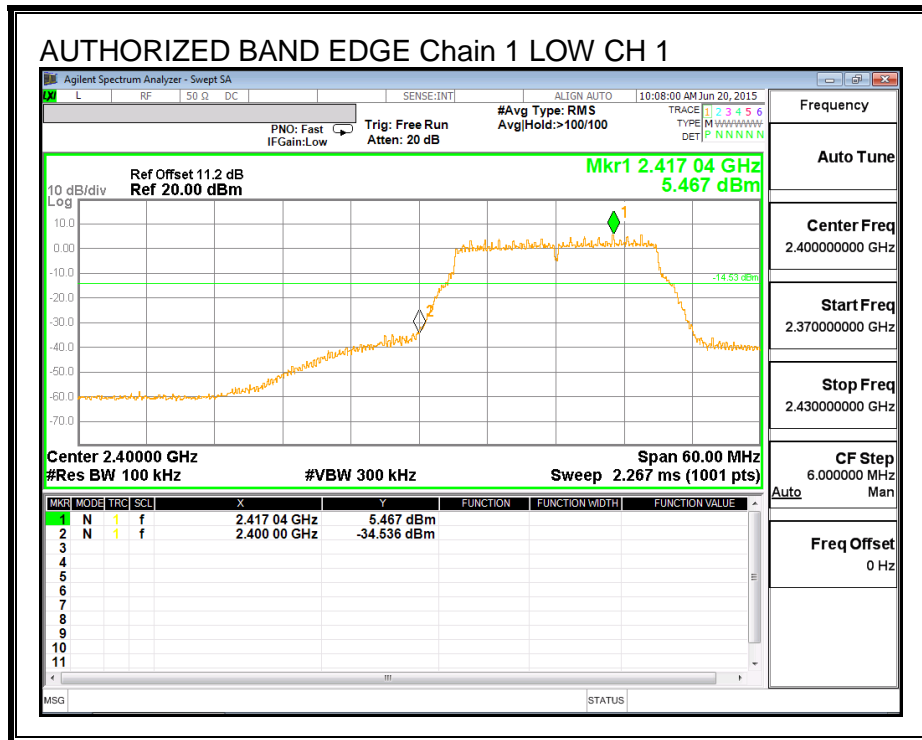




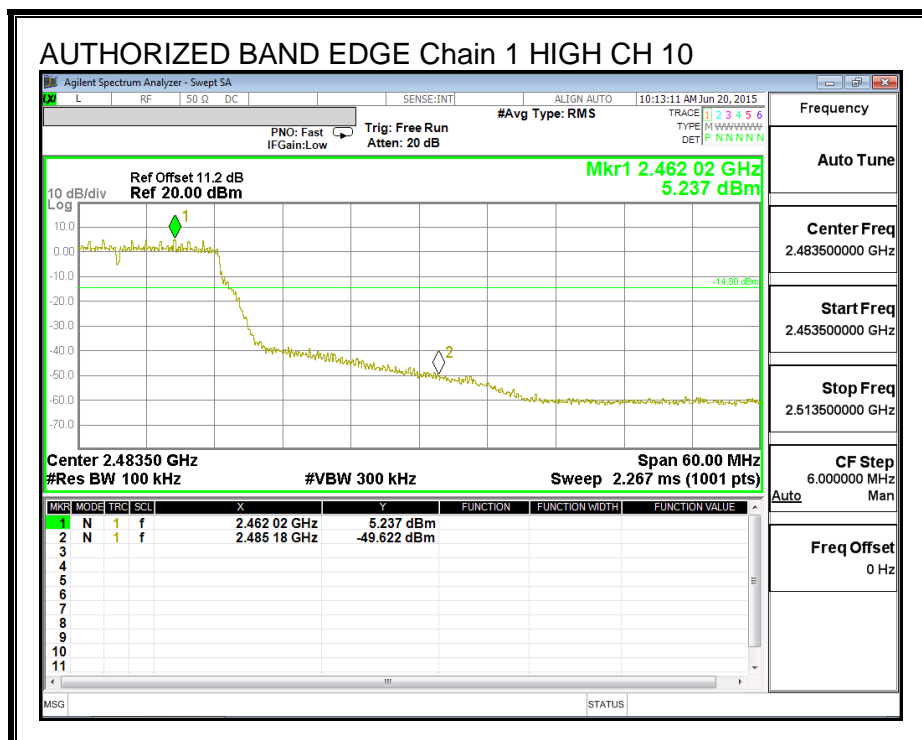
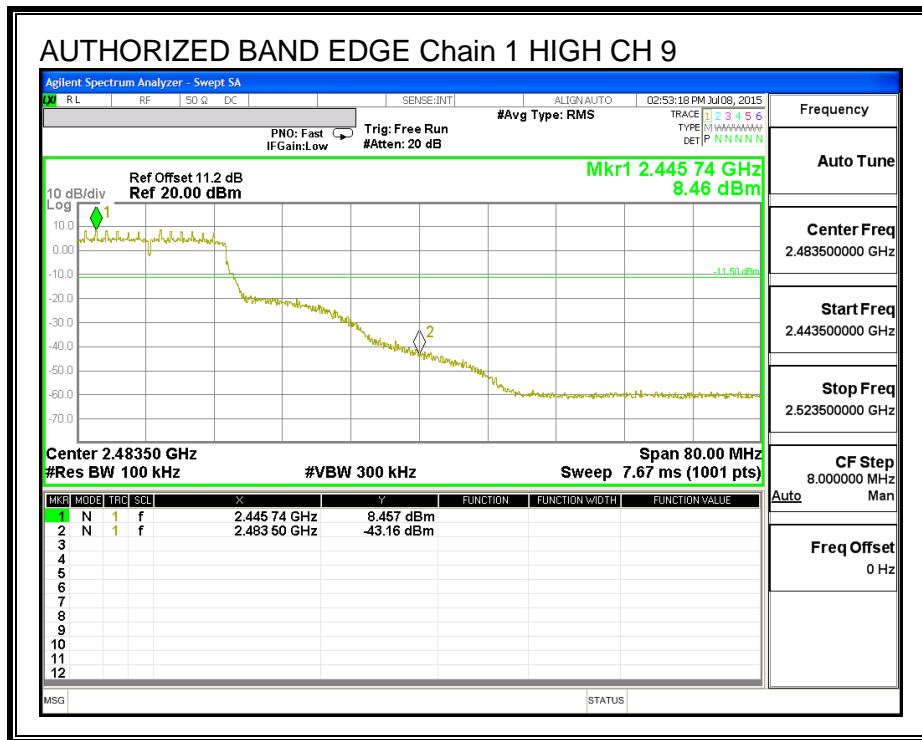
IN-BAND REFERENCE LEVEL, Chain 1

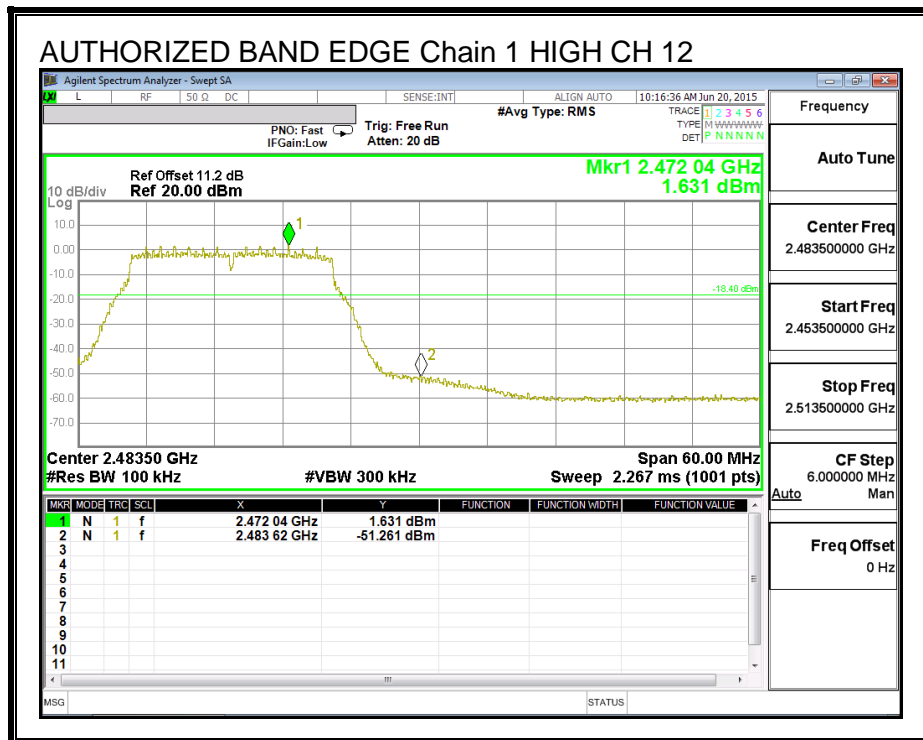
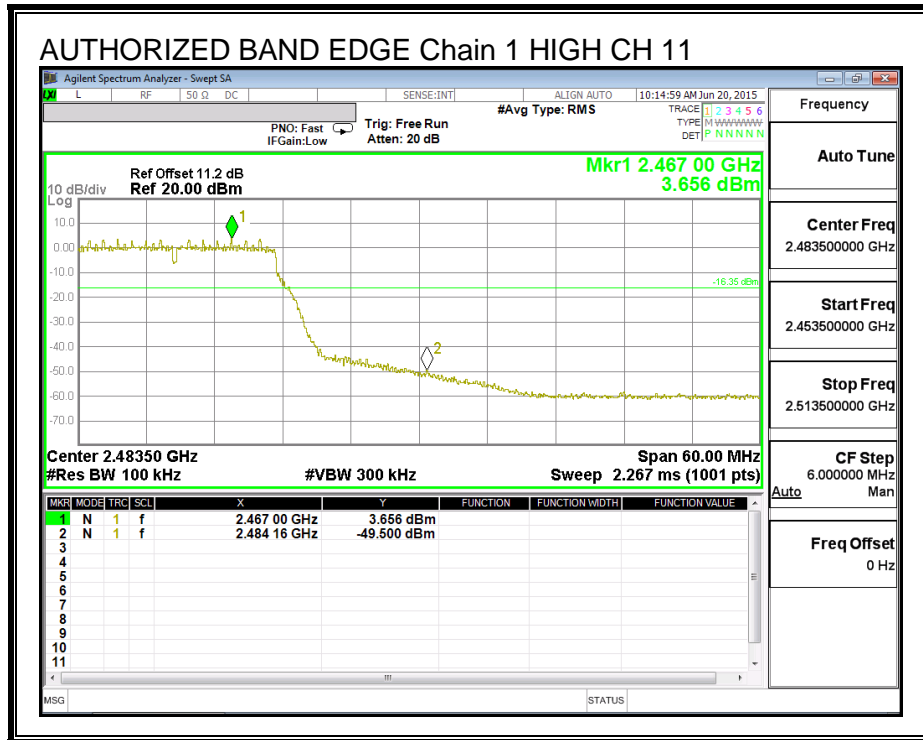


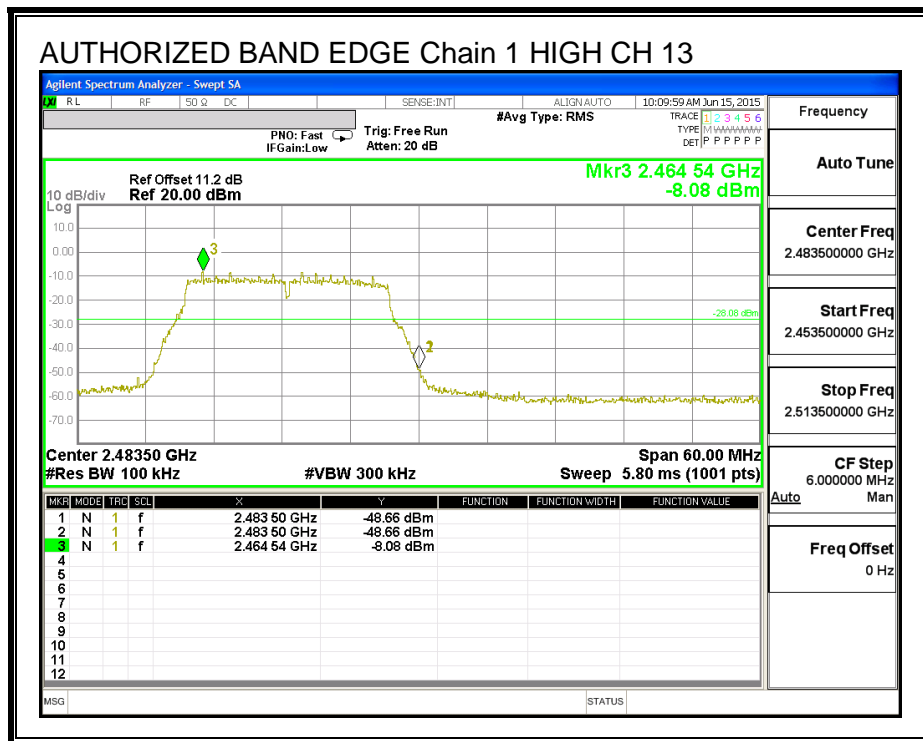
LOW CHANNEL BANDEDGE



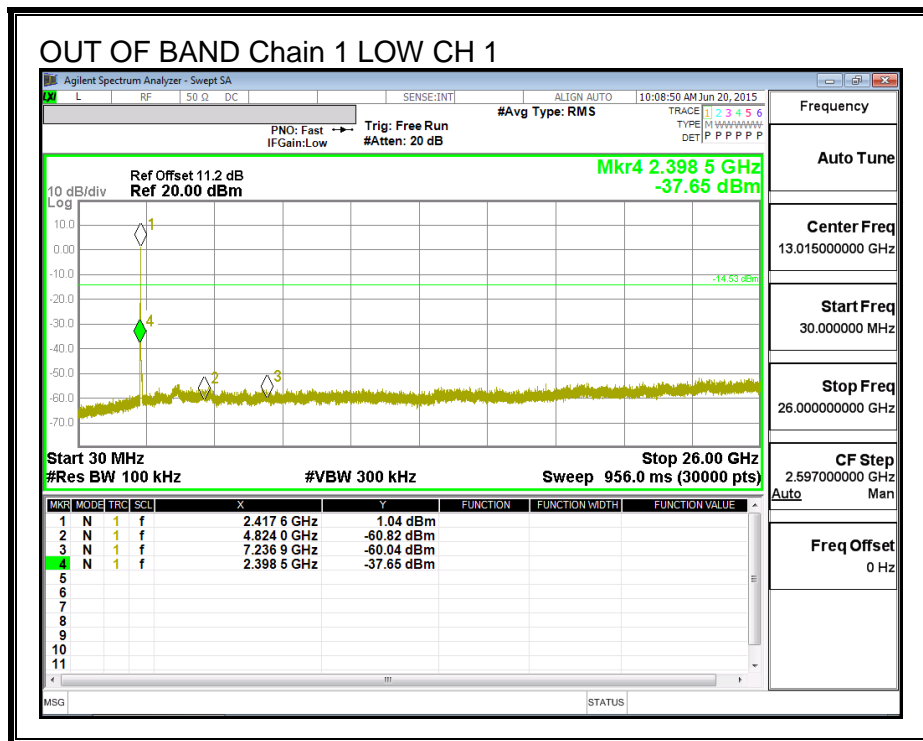
HIGH CHANNEL BANDEDGE

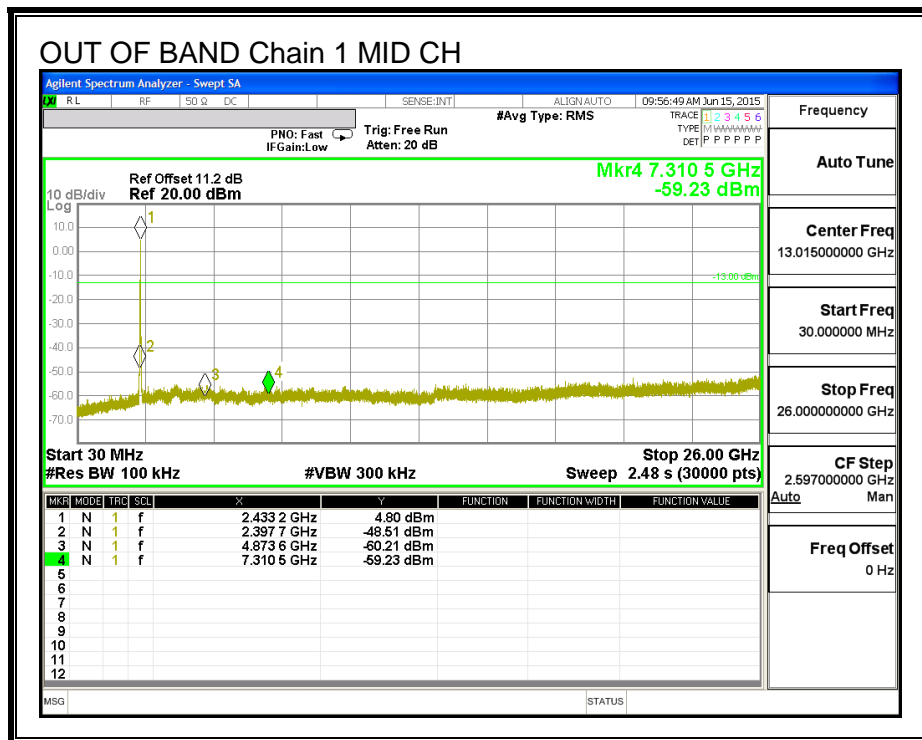
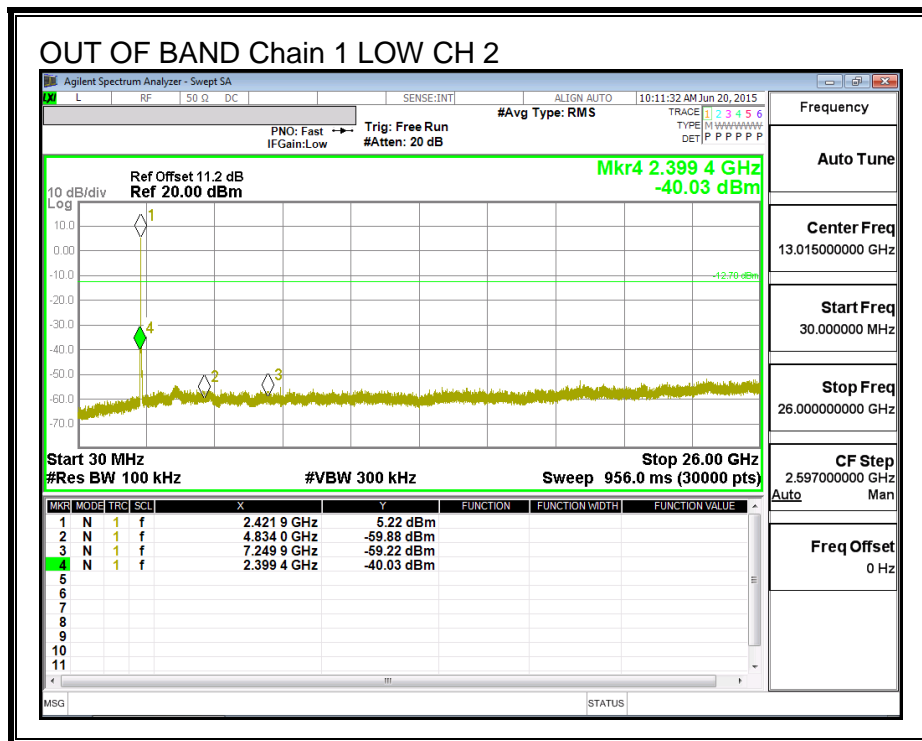


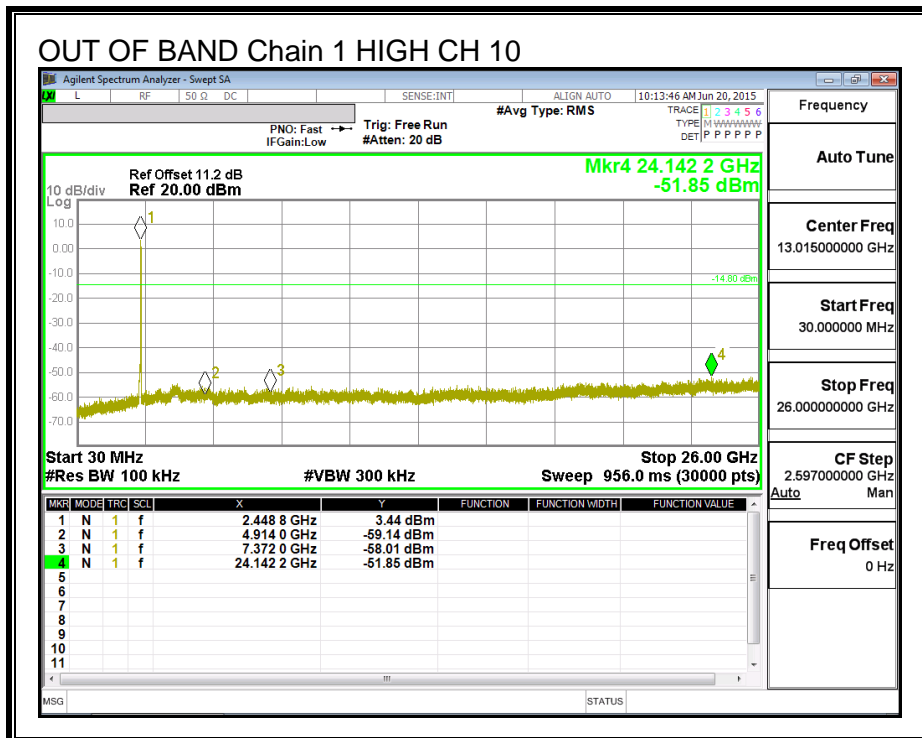
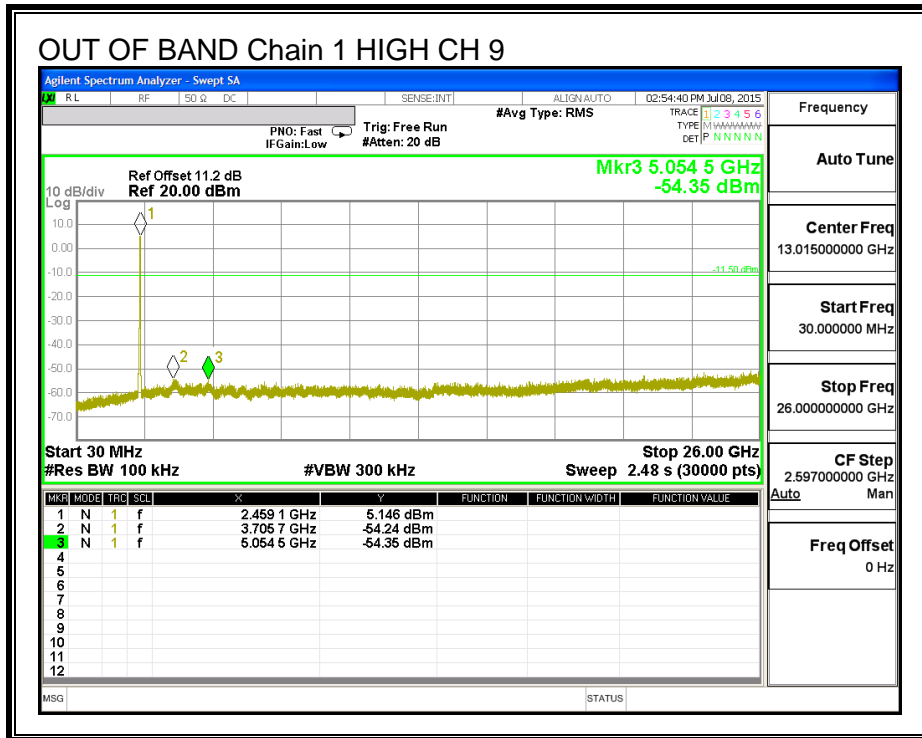


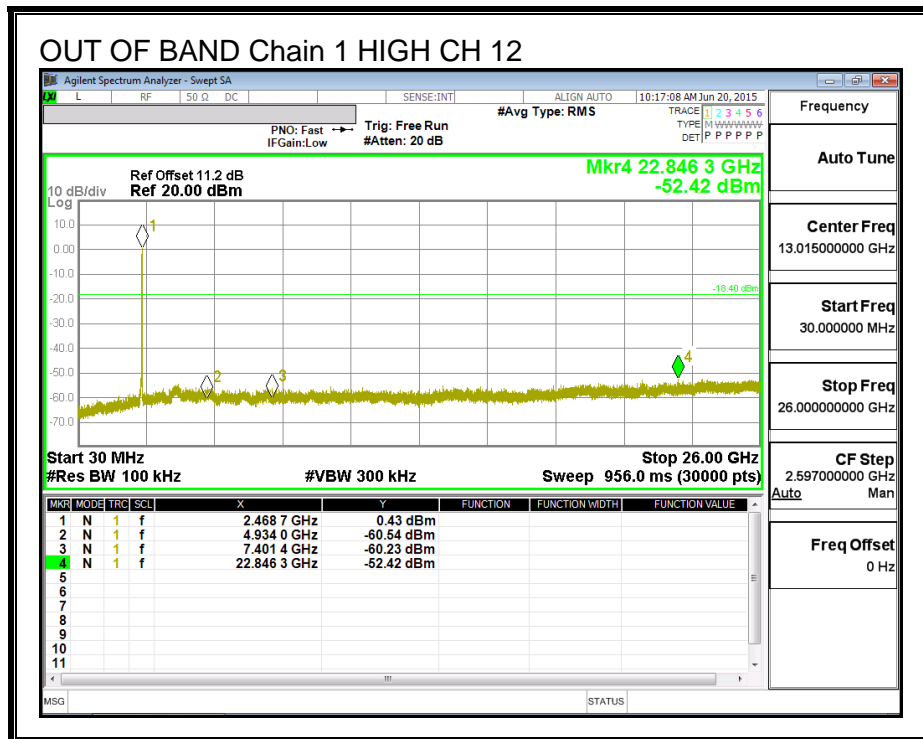
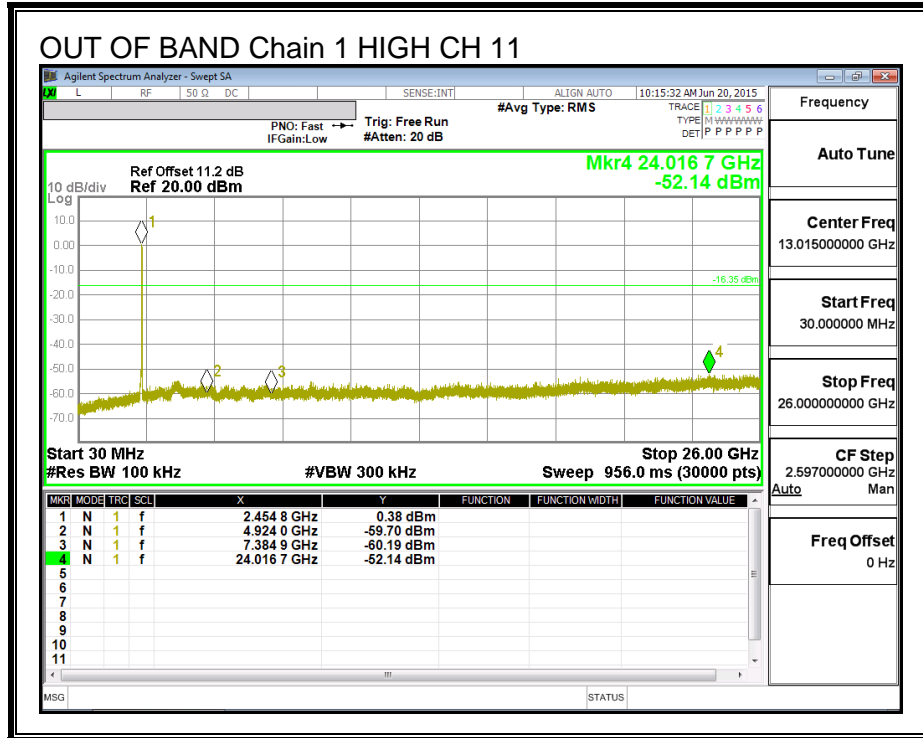


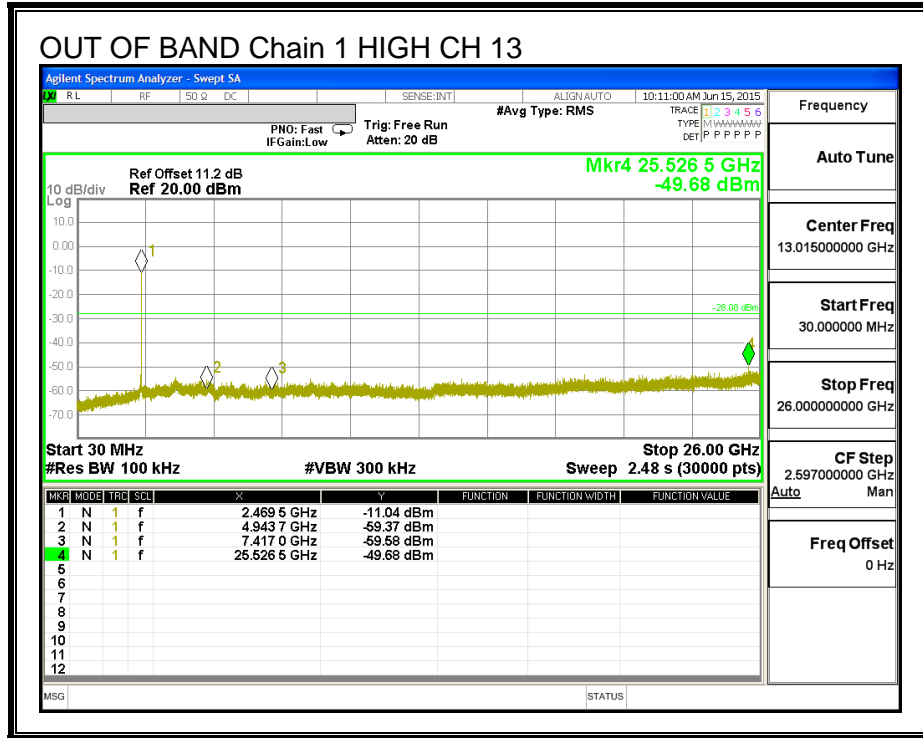
OUT-OF-BAND EMISSIONS











8. ANTENNA PORT TEST RESULTS (MODEL: A1688)

For antenna port data, refer to Model A1633.

9. RADIATED TEST RESULTS (MODEL: A1633)

9.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

IC RSS-GEN, Section 8.9 and 8.10.

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 for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

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 3 MHz for peak measurements and as applicable for average measurements.

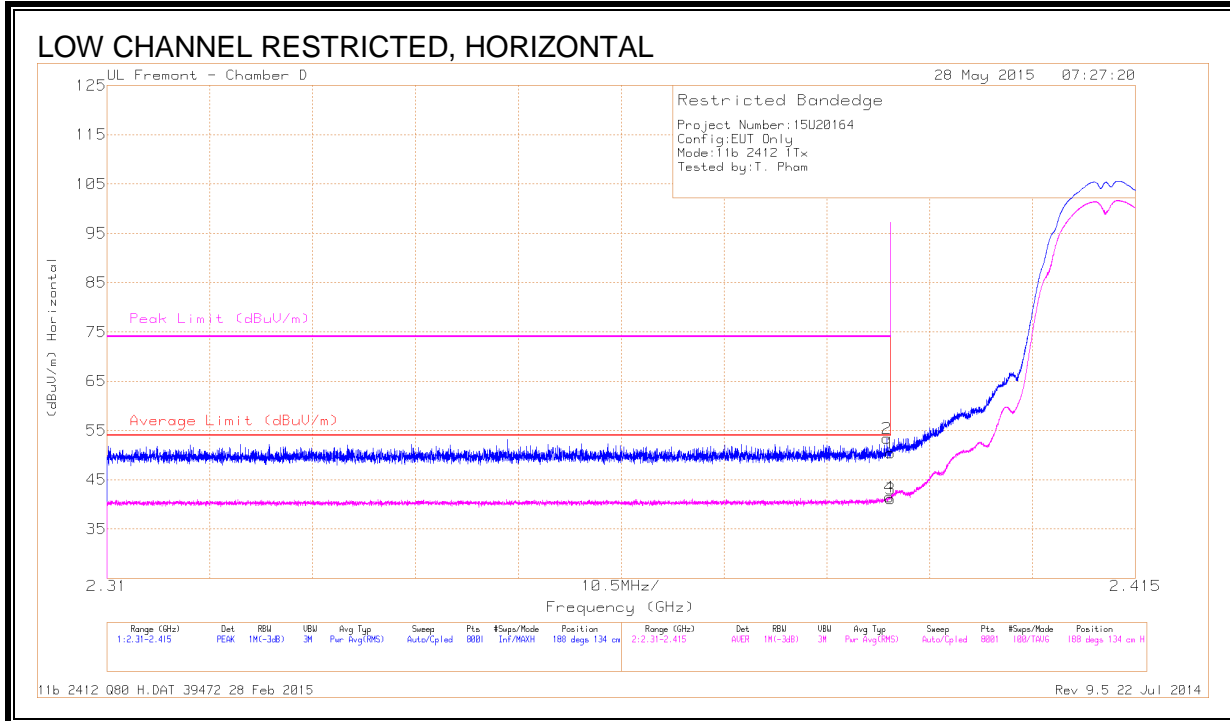
For 2.4 GHz band, the spectrum from 30 MHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in the 2.4 GHz band.

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

9.2. TRANSMITTER ABOVE 1 GHz

9.2.1. 802.11b 1Tx MODE IN THE 2.4 GHz BAND Chain 0

RESTRICTED BANDEDGE (LOW CHANNEL, CH 1)



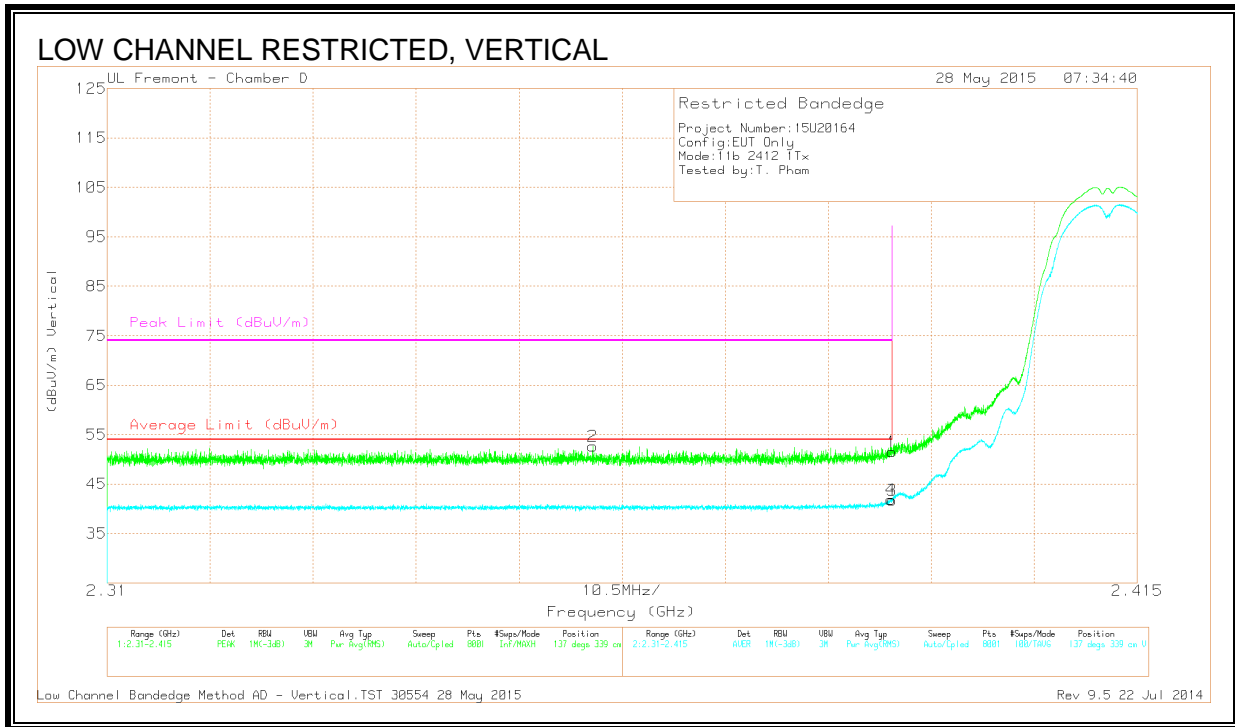
Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.06	PK	32.1	-20.7	50.46	-	-	74	-23.54	102	222	H
2	* 2.39	41.99	PK	32.1	-20.7	53.39	-	-	74	-20.61	102	222	H
3	* 2.39	30.98	RMS	32.1	-20.7	42.38	54	-11.62	-	-	102	222	H
4	* 2.39	31.1	RMS	32.1	-20.7	42.5	54	-11.5	-	-	102	222	H

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Data

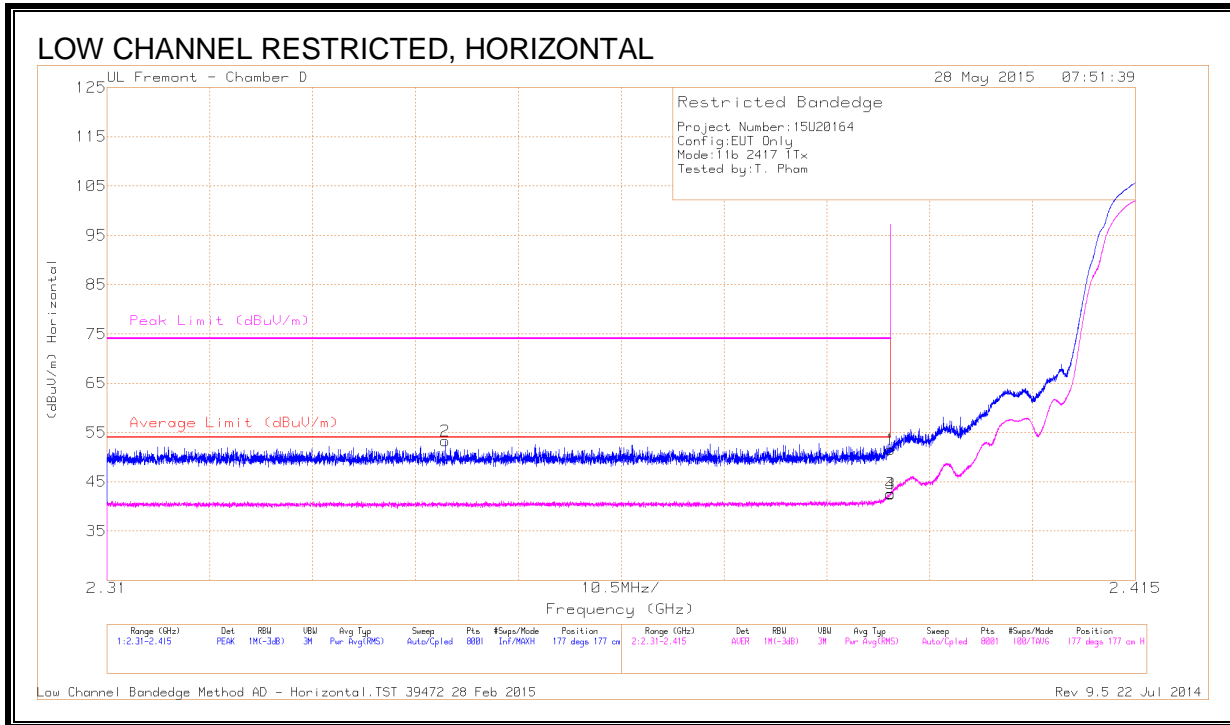
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	40.09	PK	32.1	-20.7	51.49	-	-	74	-22.51	63	284	V
2	* 2.359	41.56	PK	32	-20.9	52.66	-	-	74	-21.34	63	284	V
3	* 2.39	31.39	RMS	32.1	-20.7	42.79	54	-11.21	-	-	63	284	V
4	* 2.39	31.32	RMS	32.1	-20.7	42.72	54	-11.28	-	-	63	284	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

RESTRICTED BANDEDGE (LOW CHANNEL, CH 2)



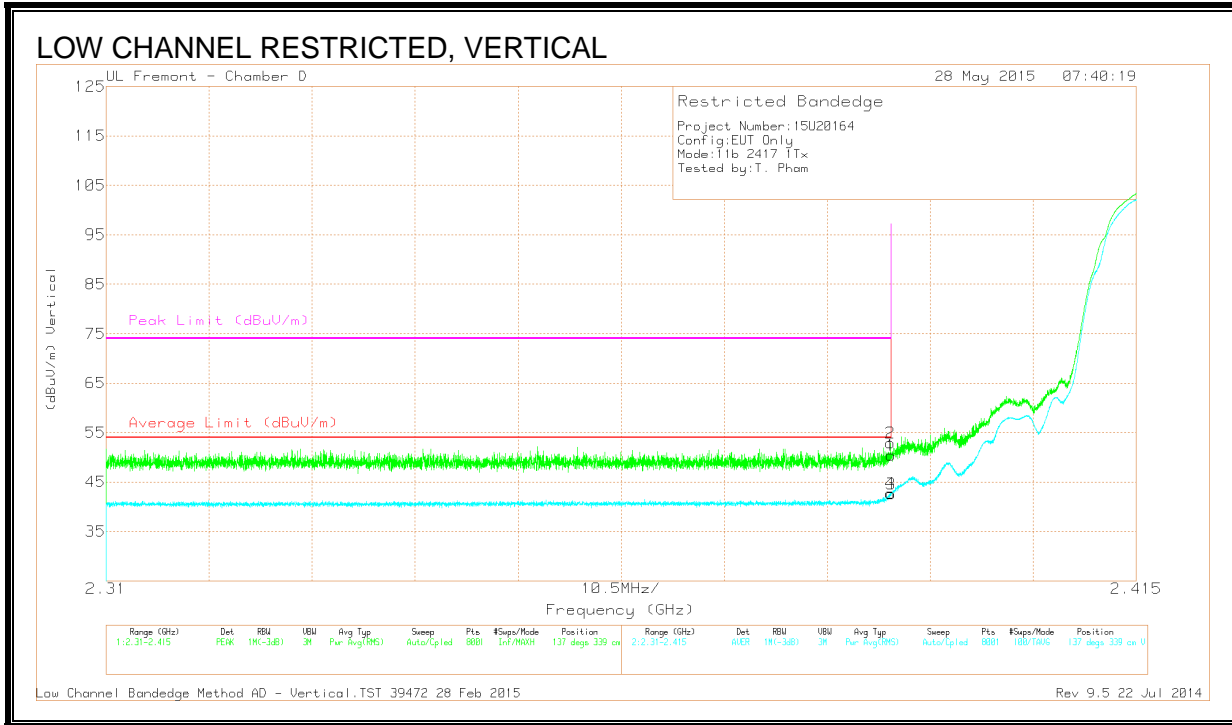
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	40.14	PK	32.1	-20.7	51.54	-	-	74	-22.46	177	177	H
2	* 2.345	42.13	PK	32	-20.9	53.23	-	-	74	-20.77	177	177	H
3	* 2.39	31.61	RMS	32.1	-20.7	43.01	54	-10.99	-	-	177	177	H
4	* 2.39	31.86	RMS	32.1	-20.7	43.26	54	-10.74	-	-	177	177	H

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



DATA

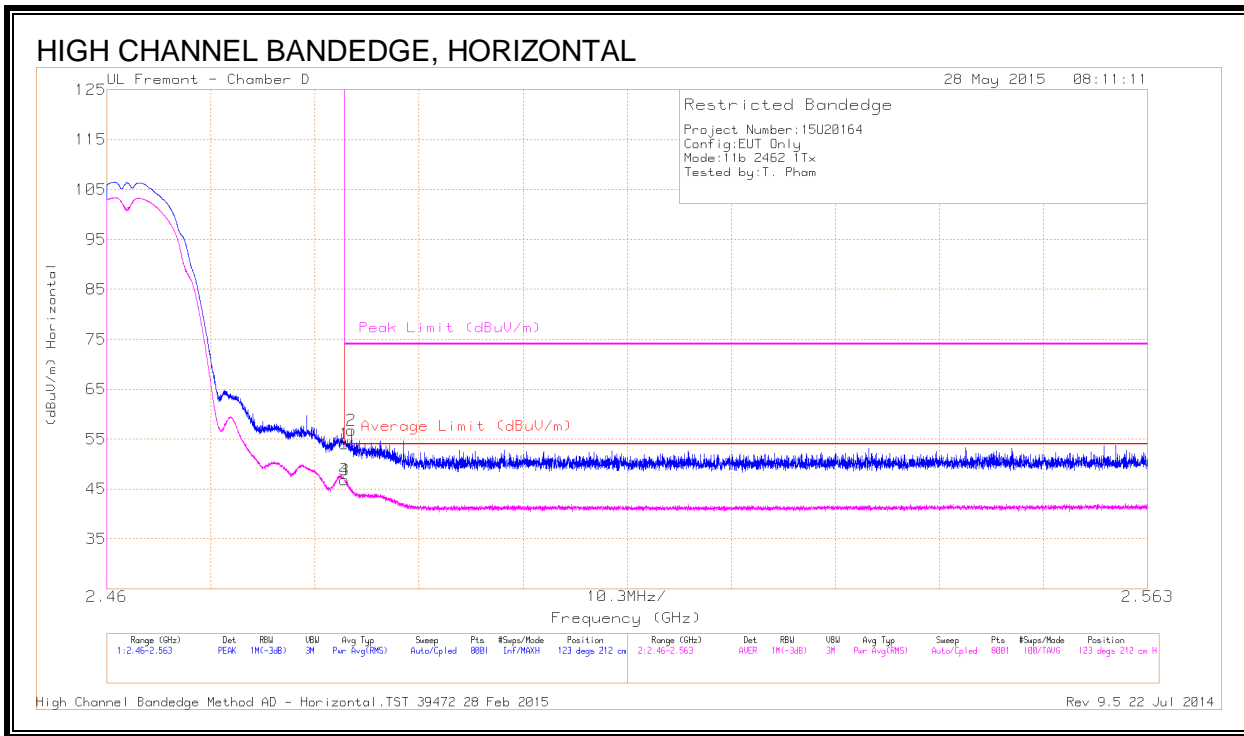
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39	PK	32.1	-20.7	50.4	-	-	74	-23.6	137	339	V
2	* 2.39	41.51	PK	32.1	-20.7	52.91	-	-	74	-21.09	137	339	V
3	* 2.39	31.18	RMS	32.1	-20.7	42.58	54	-11.42	-	-	137	339	V
4	* 2.39	31.29	RMS	32.1	-20.7	42.69	54	-11.31	-	-	137	339	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEGE (HIGH CHANNEL, CH 11)



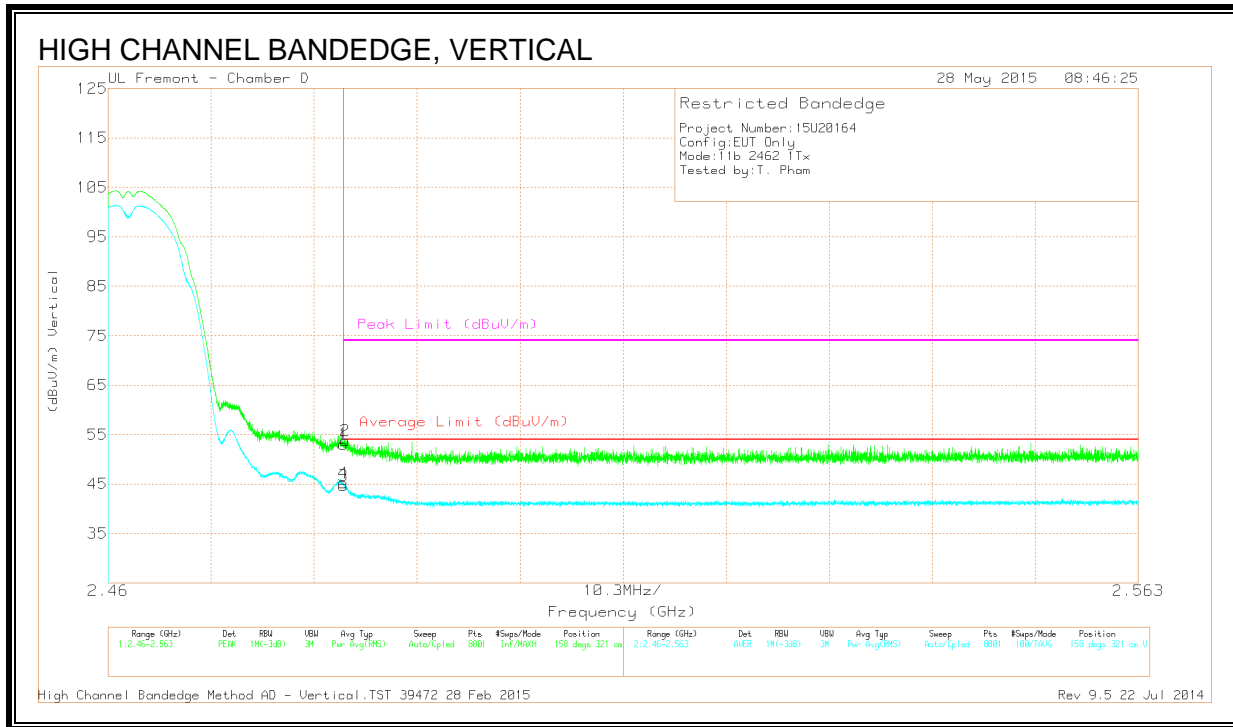
Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.59	PK	32.2	-20.8	53.99	-	-	74	-20.01	123	212	H
2	* 2.484	45.3	PK	32.2	-20.8	56.7	-	-	74	-17.3	123	212	H
3	* 2.484	35.42	RMS	32.2	-20.8	46.82	54	-7.18	-	-	123	212	H
4	* 2.484	35.44	RMS	32.2	-20.8	46.84	54	-7.16	-	-	123	212	H

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Data

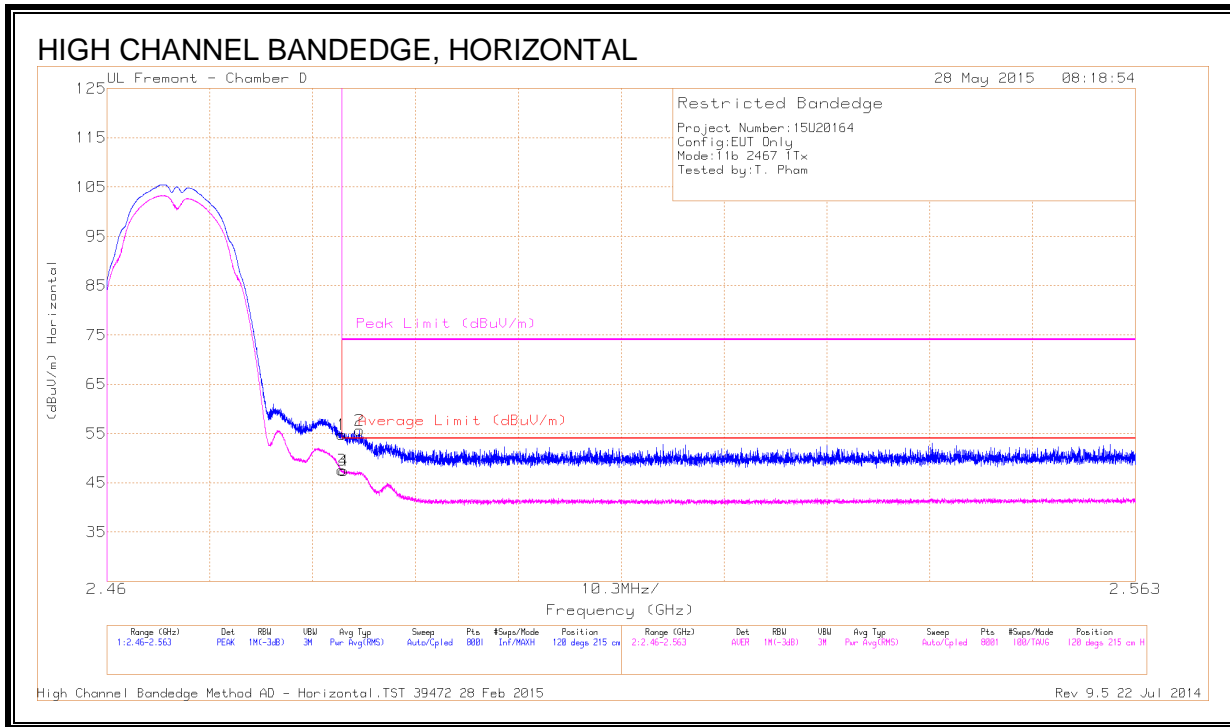
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.68	PK	32.2	-20.8	53.08	-	-	74	-20.92	158	321	V
2	* 2.484	42.42	PK	32.2	-20.8	53.82	-	-	74	-20.18	158	321	V
3	* 2.484	33.34	RMS	32.2	-20.8	44.74	54	-9.26	-	-	158	321	V
4	* 2.484	33.79	RMS	32.2	-20.8	45.19	54	-8.81	-	-	158	321	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEGE (HIGH CHANNEL, CH 12)



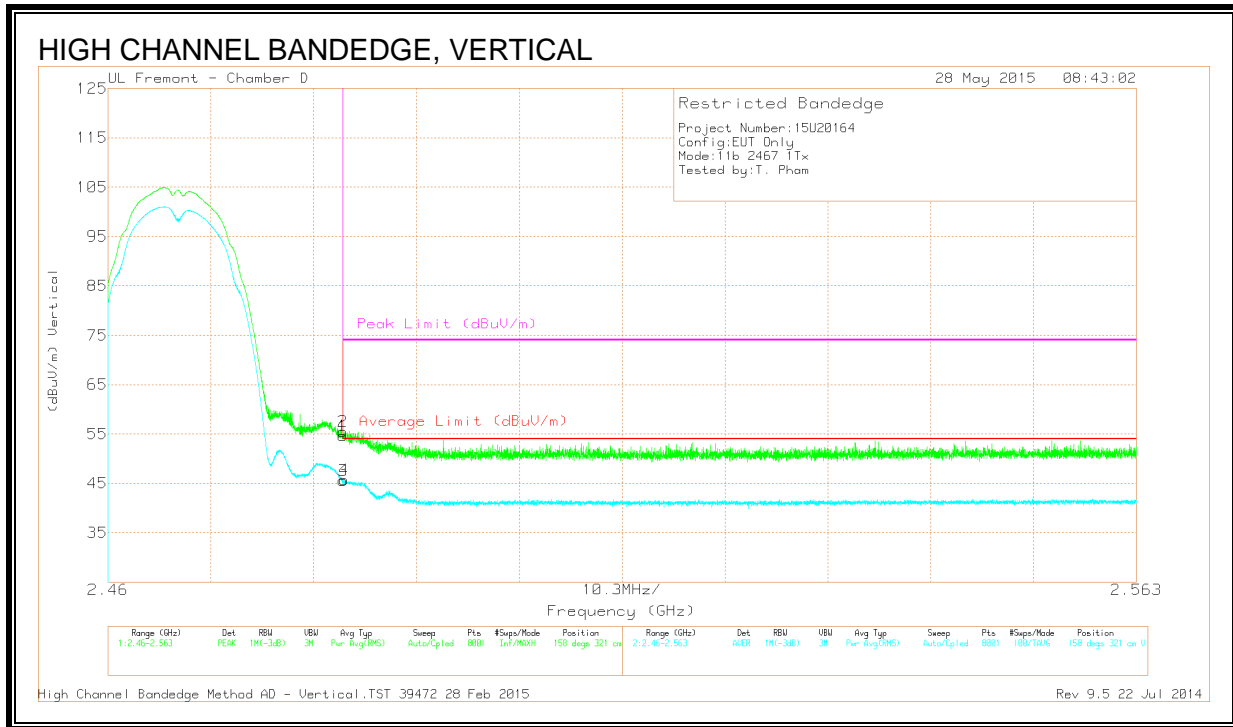
Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.37	PK	32.2	-20.8	54.77	-	-	74	-19.23	120	215	H
2	* 2.485	44.28	PK	32.2	-20.8	55.68	-	-	74	-18.32	120	215	H
3	* 2.484	36.12	RMS	32.2	-20.8	47.52	54	-6.48	-	-	120	215	H
4	* 2.484	36.09	RMS	32.2	-20.8	47.49	54	-6.51	-	-	120	215	H

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Data

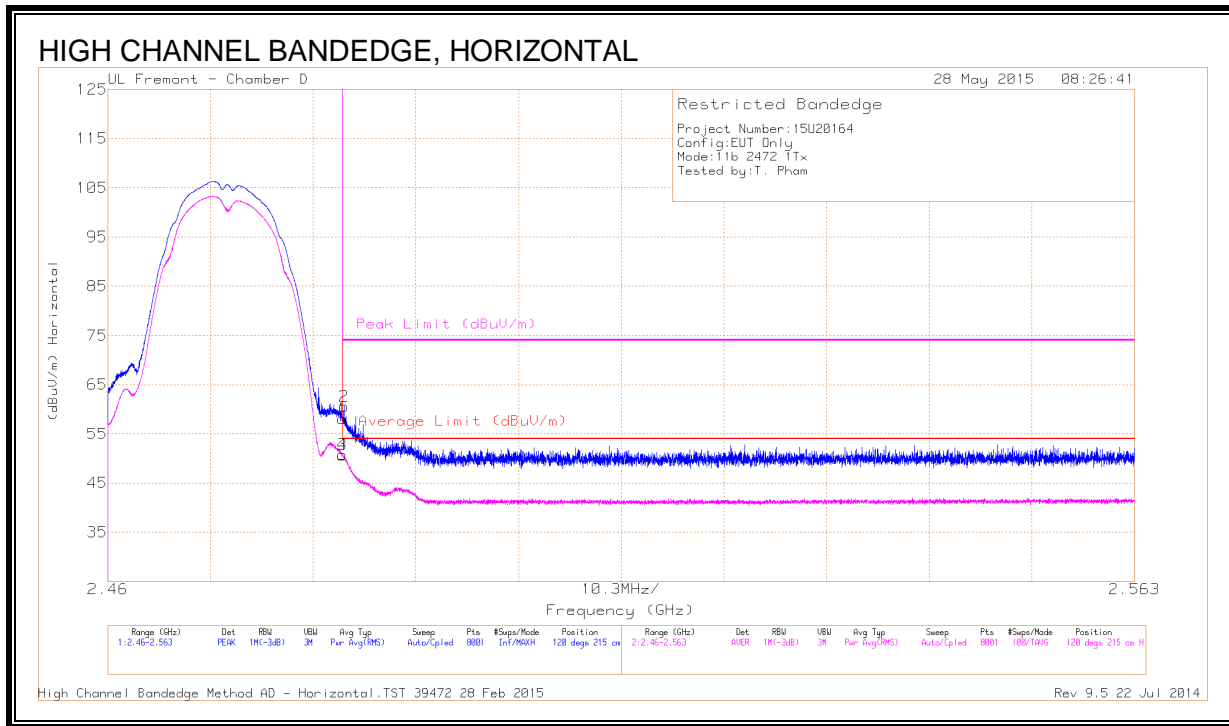
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.19	PK	32.2	-20.8	54.59	-	-	74	-19.41	158	321	V
2	* 2.484	44.12	PK	32.2	-20.8	55.52	-	-	74	-18.48	158	321	V
3	* 2.484	34.21	RMS	32.2	-20.8	45.61	54	-8.39	-	-	158	321	V
4	* 2.484	34.25	RMS	32.2	-20.8	45.65	54	-8.35	-	-	158	321	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEGE (HIGH CHANNEL, CH 13)



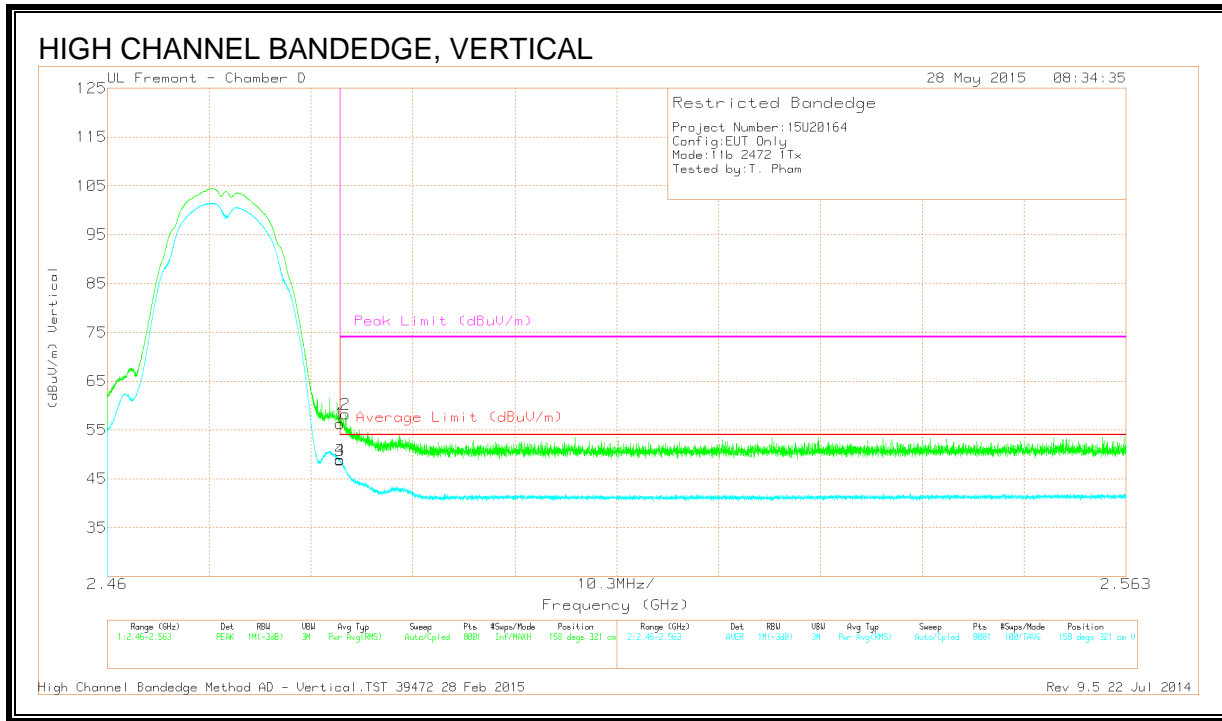
Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.72	PK	32.2	-20.8	58.12	-	-	74	-15.88	120	215	H
2	* 2.484	49.17	PK	32.2	-20.8	60.57	-	-	74	-13.43	120	215	H
3	* 2.484	39.35	RMS	32.2	-20.8	50.75	54	-3.25	-	-	120	215	H
4	* 2.484	39.33	RMS	32.2	-20.8	50.73	54	-3.27	-	-	120	215	H

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Data

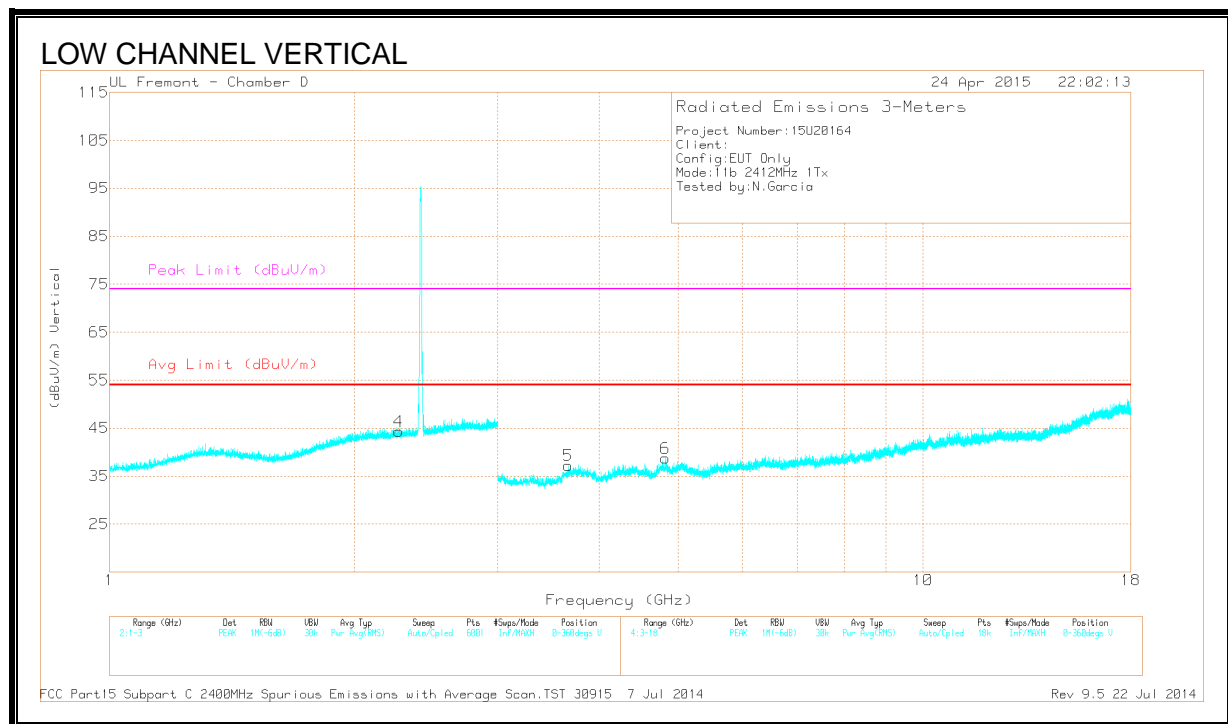
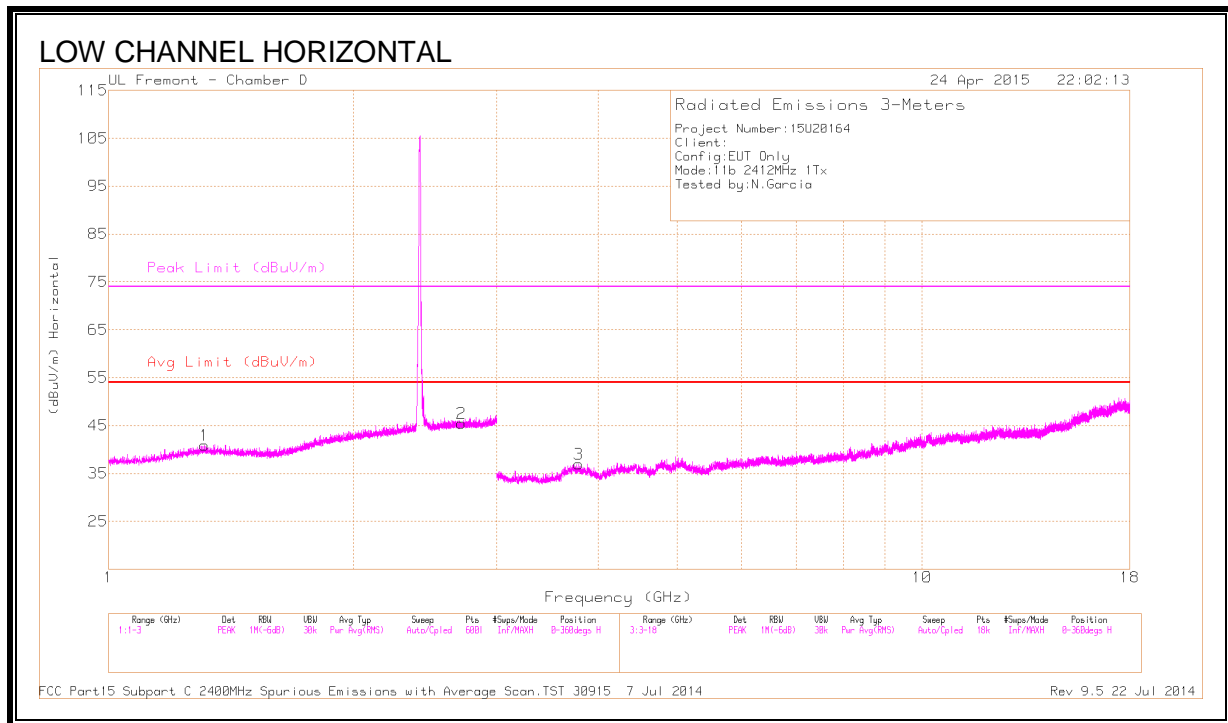
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.91	PK	32.2	-20.8	56.31	-	-	74	-17.69	158	321	V
2	* 2.484	46.86	PK	32.2	-20.8	58.26	-	-	74	-15.74	158	321	V
3	* 2.484	37.42	RMS	32.2	-20.8	48.82	54	-5.18	-	-	158	321	V
4	* 2.484	37.48	RMS	32.2	-20.8	48.88	54	-5.12	-	-	158	321	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL, CH 1



DATA

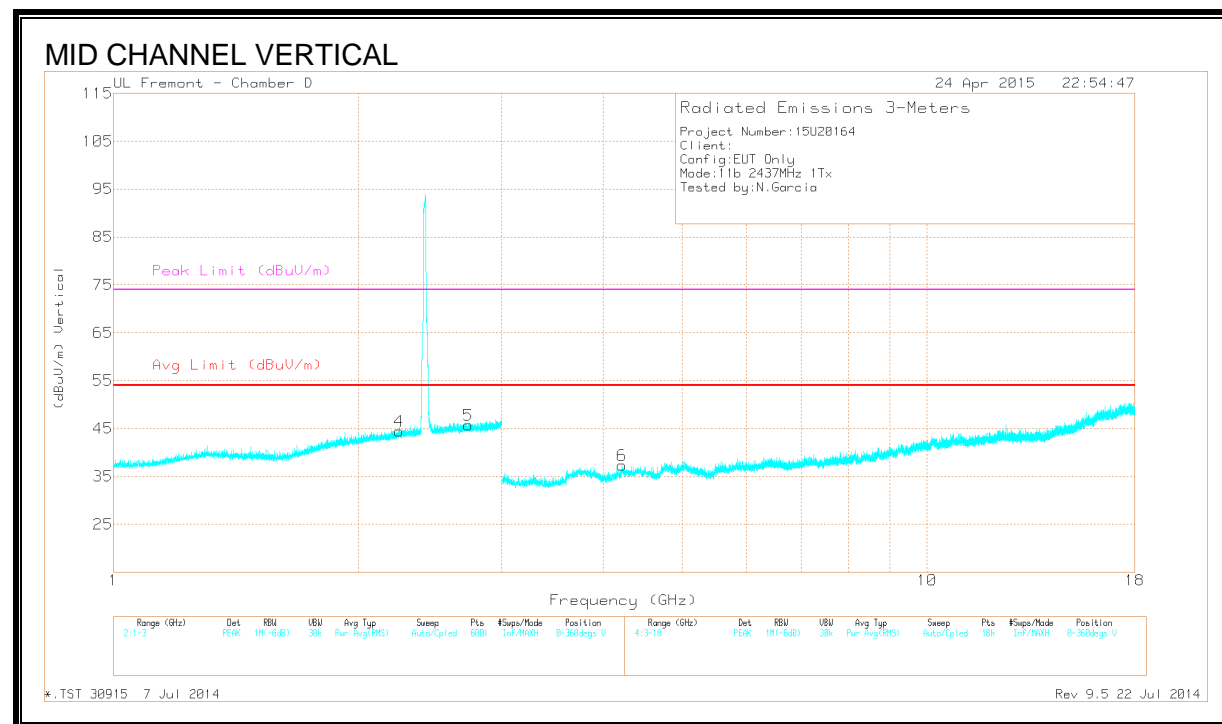
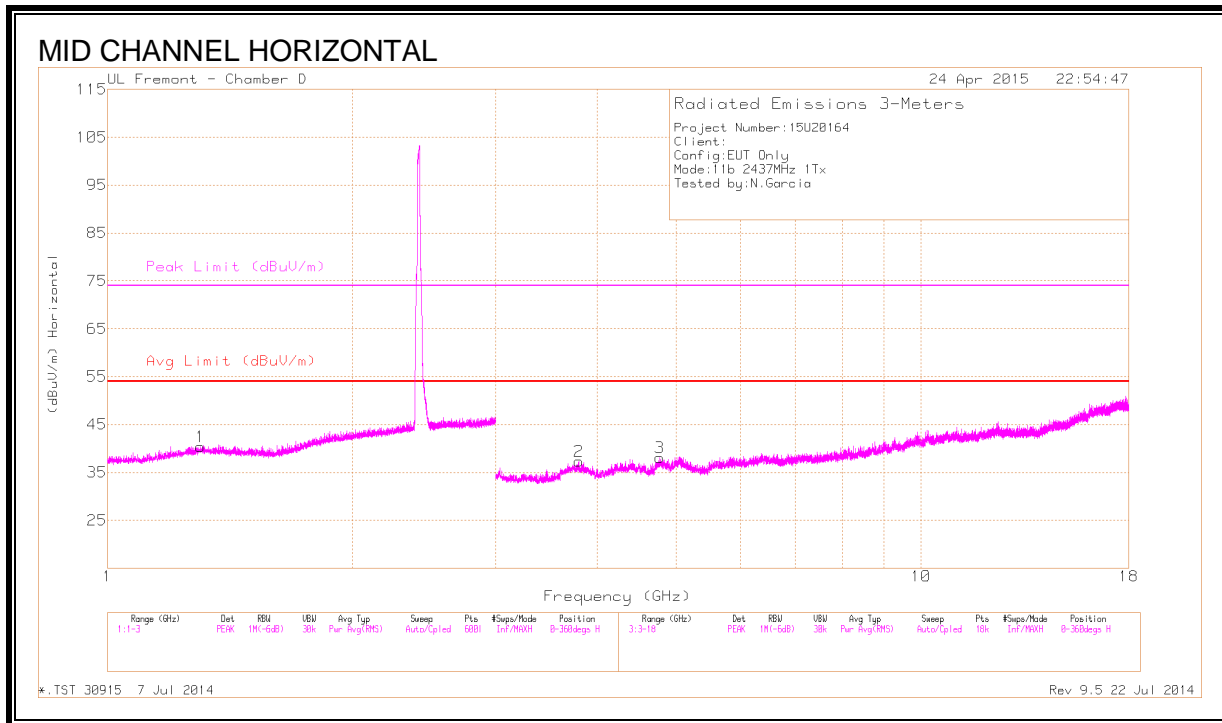
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.311	42	PK2	29	-22.3	48.7	-	-	74	-25.3	11	204	H
	* 1.309	30.46	MAv1	29	-22.3	37.16	54	-16.84	-	-	11	204	H
2	* 2.715	41.93	PK2	32.5	-20.6	53.83	-	-	74	-20.17	11	204	H
	* 2.715	30.41	MAv1	32.5	-20.6	42.31	54	-11.69	-	-	11	204	H
4	* 2.269	41.03	PK2	31.9	-20.9	52.03	-	-	74	-21.97	22	108	V
	* 2.265	29.85	MAv1	31.9	-20.9	40.85	54	-13.15	-	-	22	108	V
3	* 3.781	38.36	PK2	33.3	-28.2	43.46	-	-	74	-30.54	29	117	H
	* 3.782	27.46	MAv1	33.3	-28.2	32.56	54	-21.44	-	-	29	117	H
5	* 3.658	38.75	PK2	33.1	-29.2	42.65	-	-	74	-31.35	29	117	V
	* 3.662	27.66	MAv1	33.1	-29.2	31.56	54	-22.44	-	-	29	117	V
6	* 4.824	37.66	PK2	34.1	-27.4	44.36	-	-	74	-29.64	29	117	V
	* 4.824	27.2	MAv1	34.1	-27.4	33.9	54	-20.1	-	-	29	117	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL, CH 6



DATA

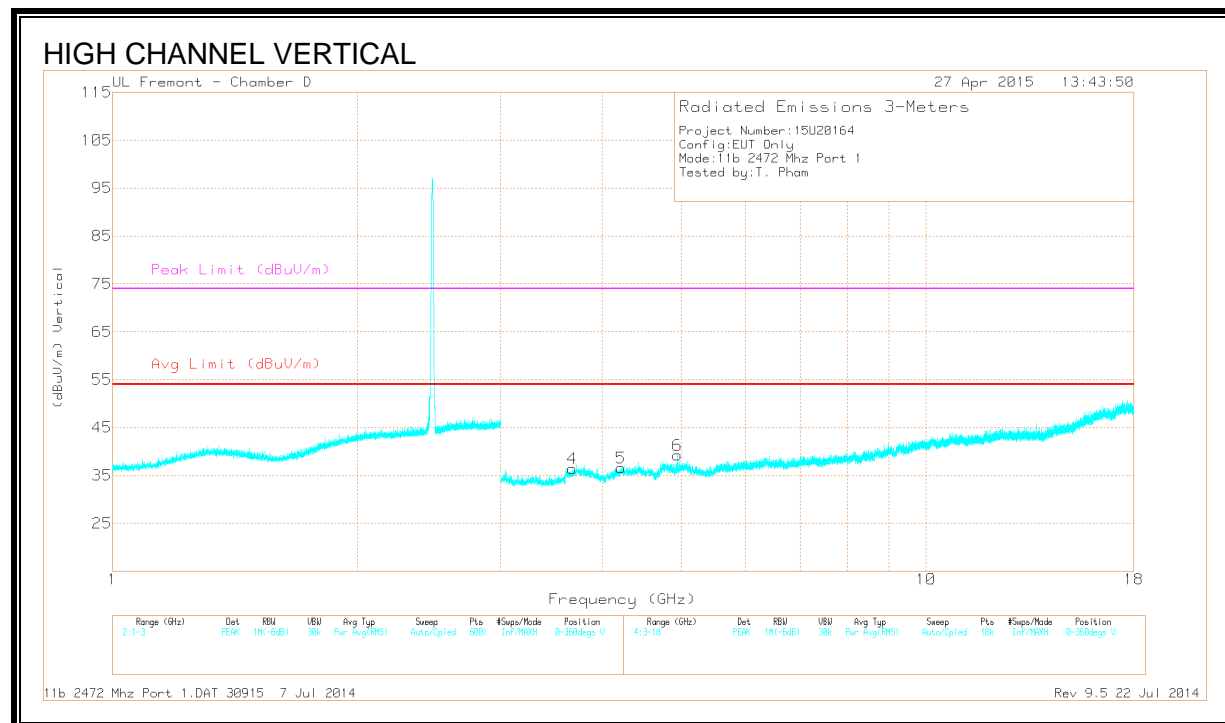
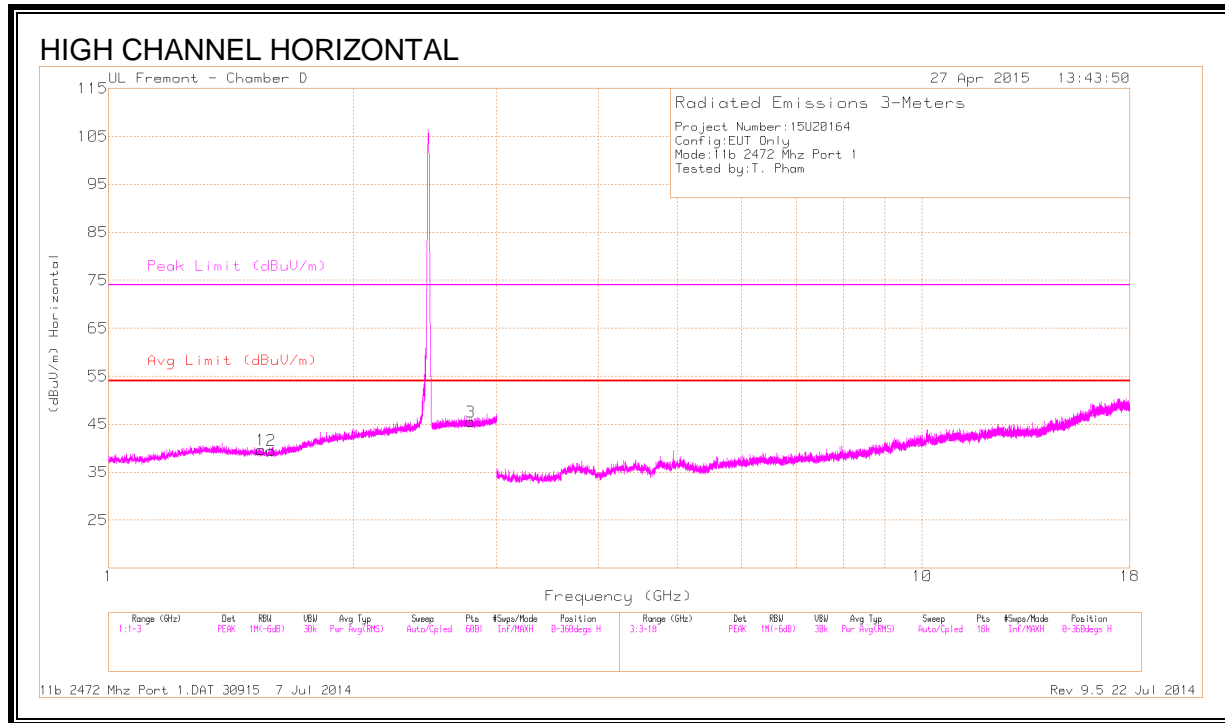
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.301	41.77	PK2	29	-22.3	48.47	-	-	74	-25.53	0	204	H
	* 1.299	30.38	MAv1	29	-22.3	37.08	54	-16.92	-	-	0	204	H
2	* 3.795	38.42	PK2	33.3	-28.3	43.42	-	-	74	-30.58	33	120	H
	* 3.796	27.46	MAv1	33.3	-28.3	32.46	54	-21.54	-	-	33	120	H
3	* 4.773	37.16	PK2	34.1	-26.6	44.66	-	-	74	-29.34	51	118	H
	* 4.774	26.33	MAv1	34.1	-26.6	33.83	54	-20.17	-	-	51	118	H
4	* 2.244	41.43	PK2	31.8	-21	52.23	-	-	74	-21.77	0	100	V
	* 2.241	30.18	MAv1	31.7	-21	40.88	54	-13.12	-	-	0	100	V
5	* 2.73	42.29	PK2	32.5	-20.5	54.29	-	-	74	-19.71	10	120	V
	* 2.729	30.47	MAv1	32.5	-20.5	42.47	54	-11.53	-	-	10	120	V
6	* 4.213	37.22	PK2	33.5	-27.6	43.12	-	-	74	-30.88	68	120	V
	* 4.214	26.82	MAv1	33.5	-27.6	32.72	54	-21.28	-	-	68	120	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL, CH 13



DATA

	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	* 1.539	41.47	PK2	28.1	-21.9	47.67	-	-	74	-26.33	360	100	H
	* 1.539	30.27	MAv1	28.1	-21.9	36.47	54	-17.53	-	-	360	100	H
2	* 1.585	41.68	PK2	28	-21.9	47.78	-	-	74	-26.22	360	100	H
	* 1.584	30.18	MAv1	28	-21.9	36.28	54	-17.72	-	-	360	100	H
3	* 2.786	41.56	PK2	32.5	-20.4	53.66	-	-	74	-20.34	360	100	H
	* 2.784	30.08	MAv1	32.5	-20.4	42.18	54	-11.82	-	-	360	100	H
4	* 3.675	39.7	PK2	33.2	-29.2	43.7	-	-	74	-30.3	360	100	V
	* 3.676	27.69	MAv1	33.2	-29.2	31.69	54	-22.31	-	-	360	100	V
5	* 4.218	38.23	PK2	33.5	-27.5	44.23	-	-	74	-29.77	360	100	V
	* 4.218	26.84	MAv1	33.5	-27.5	32.84	54	-21.16	-	-	360	100	V
6	* 4.943	37.84	PK2	34.2	-27.9	44.14	-	-	74	-29.86	360	100	V
	* 4.943	26.97	MAv1	34.2	-27.9	33.27	54	-20.73	-	-	360	100	V

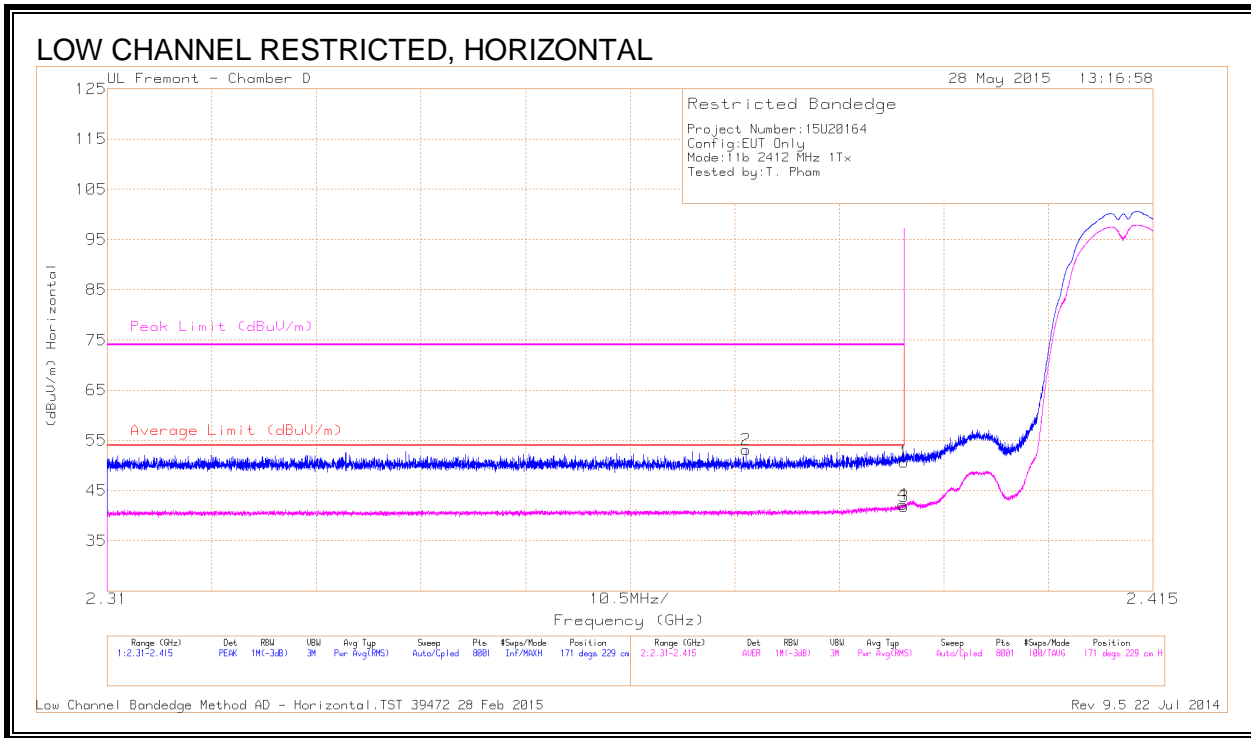
* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.2. 802.11b 1Tx MODE IN THE 2.4 GHz BAND Chain 1

RESTRICTED BANDEDGE (LOW CHANNEL, CH 1)



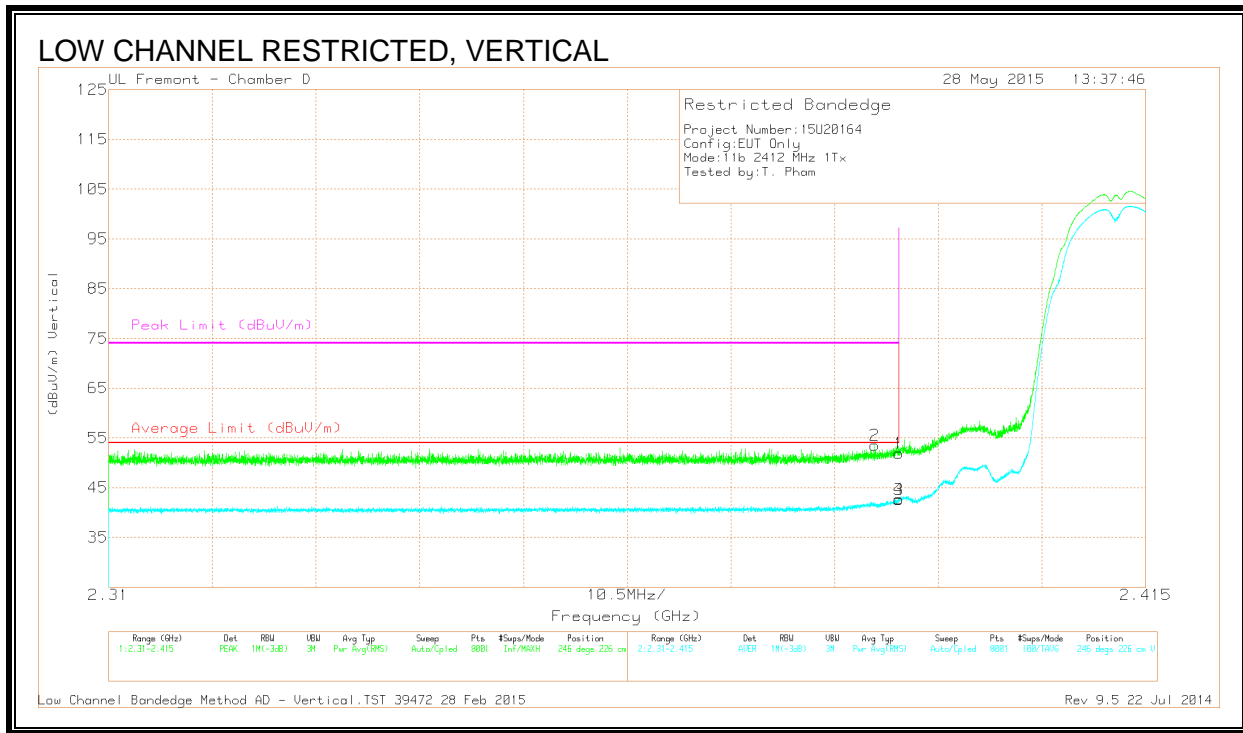
Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.374	42.06	PK	32	-20.9	53.16	-	-	74	-20.84	171	229	H
1	* 2.39	39.32	PK	32.1	-20.7	50.72	-	-	74	-23.28	171	229	H
3	* 2.39	30.56	RMS	32.1	-20.7	41.96	54	-12.04	-	-	171	229	H
4	* 2.39	30.82	RMS	32.1	-20.7	42.22	54	-11.78	-	-	171	229	H

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Data

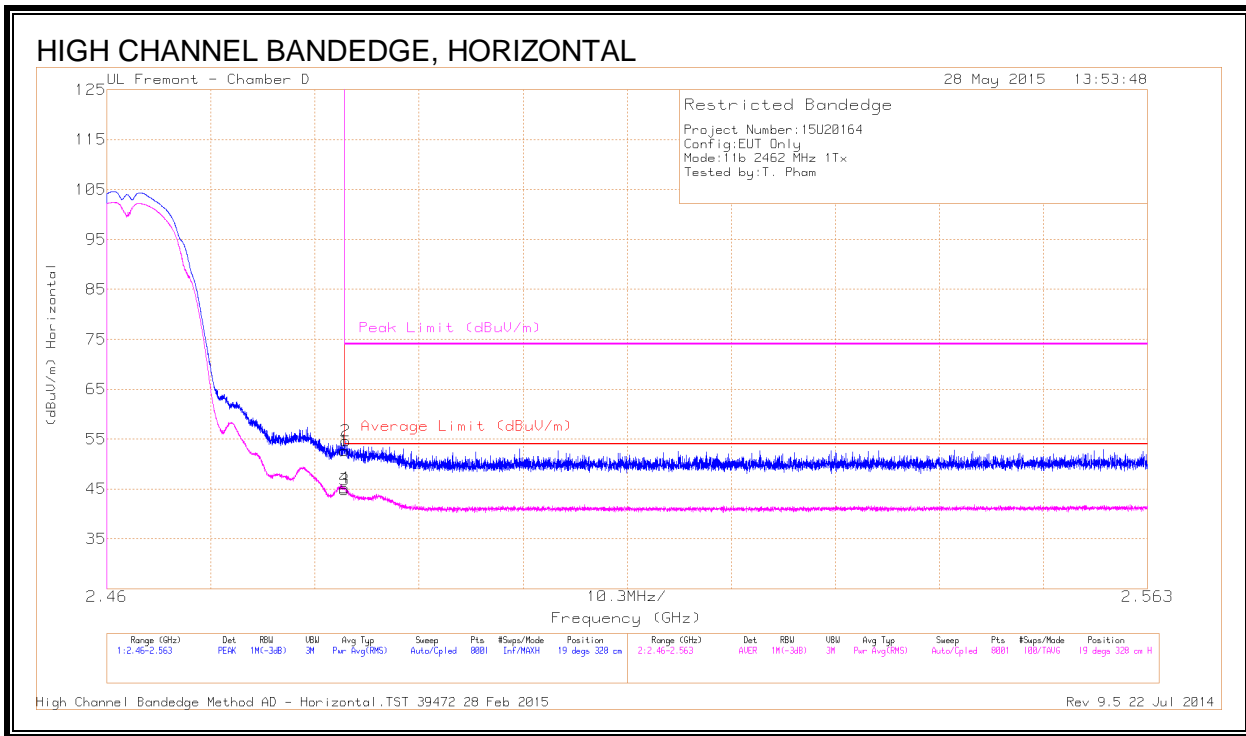
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.388	42.19	PK	32.1	-20.8	53.49	-	-	74	-20.51	246	226	V
1	* 2.39	40.51	PK	32.1	-20.7	51.91	-	-	74	-22.09	246	226	V
3	* 2.39	31.16	RMS	32.1	-20.7	42.56	54	-11.44	-	-	246	226	V
4	* 2.39	31.3	RMS	32.1	-20.7	42.7	54	-11.3	-	-	246	226	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEGE (HIGH CHANNEL, CH 11)



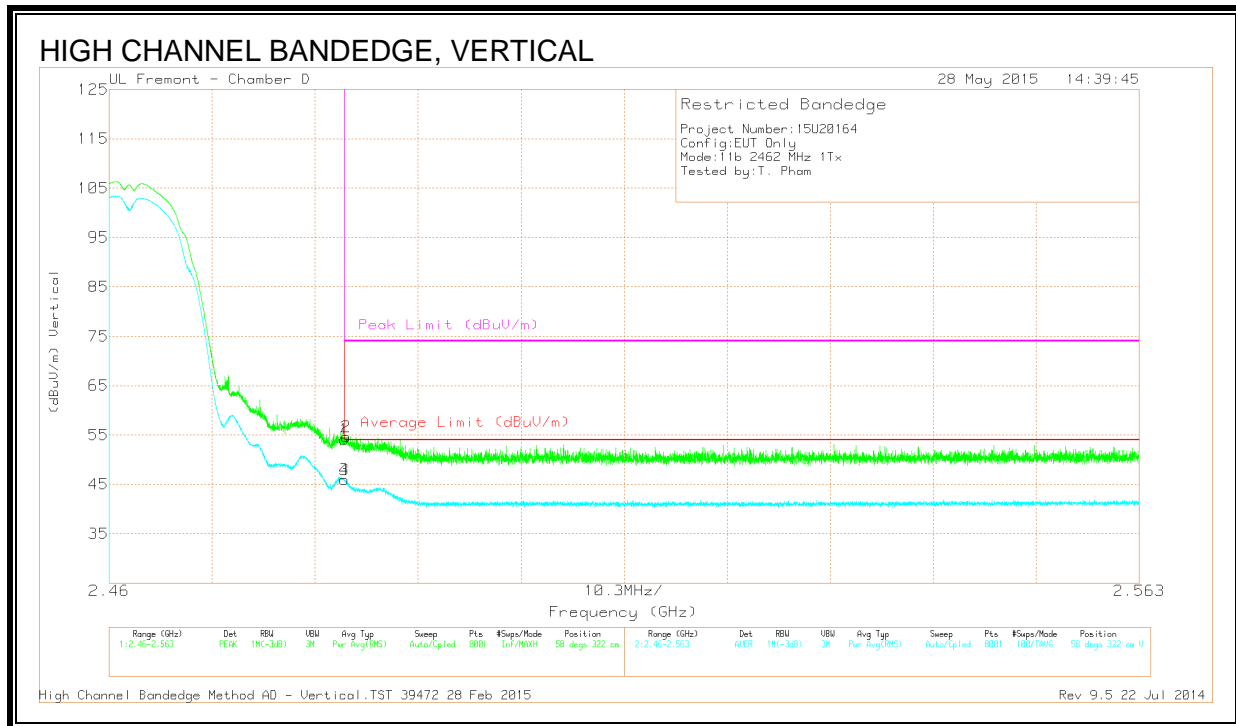
Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.22	PK	32.2	-20.8	52.62	-	-	74	-21.38	19	328	H
2	* 2.484	43.28	PK	32.2	-20.8	54.68	-	-	74	-19.32	19	328	H
3	* 2.484	33.91	RMS	32.2	-20.8	45.31	54	-8.69	-	-	19	328	H
4	* 2.484	33.88	RMS	32.2	-20.8	45.28	54	-8.72	-	-	19	328	H

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Data

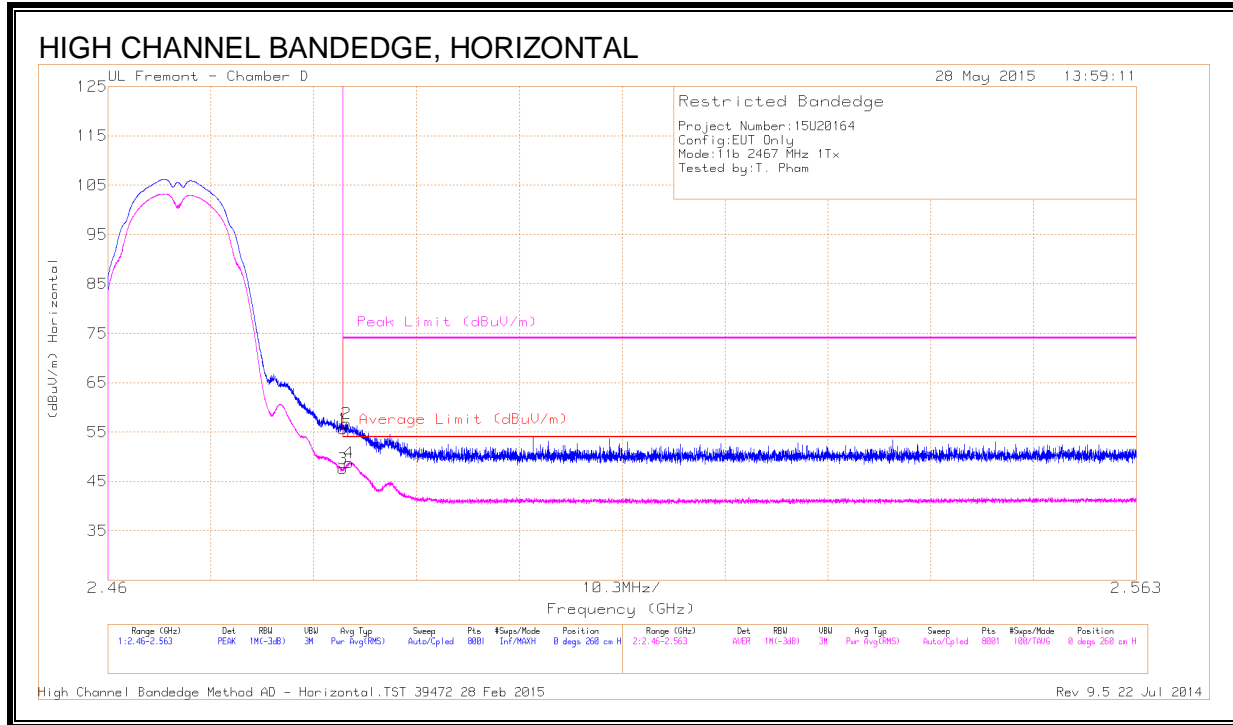
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.76	PK	32.2	-20.8	54.16	-	-	74	-19.84	58	322	V
2	* 2.484	43.24	PK	32.2	-20.8	54.64	-	-	74	-19.36	58	322	V
3	* 2.484	34.57	RMS	32.2	-20.8	45.97	54	-8.03	-	-	58	322	V
4	* 2.484	34.5	RMS	32.2	-20.8	45.9	54	-8.1	-	-	58	322	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 12)



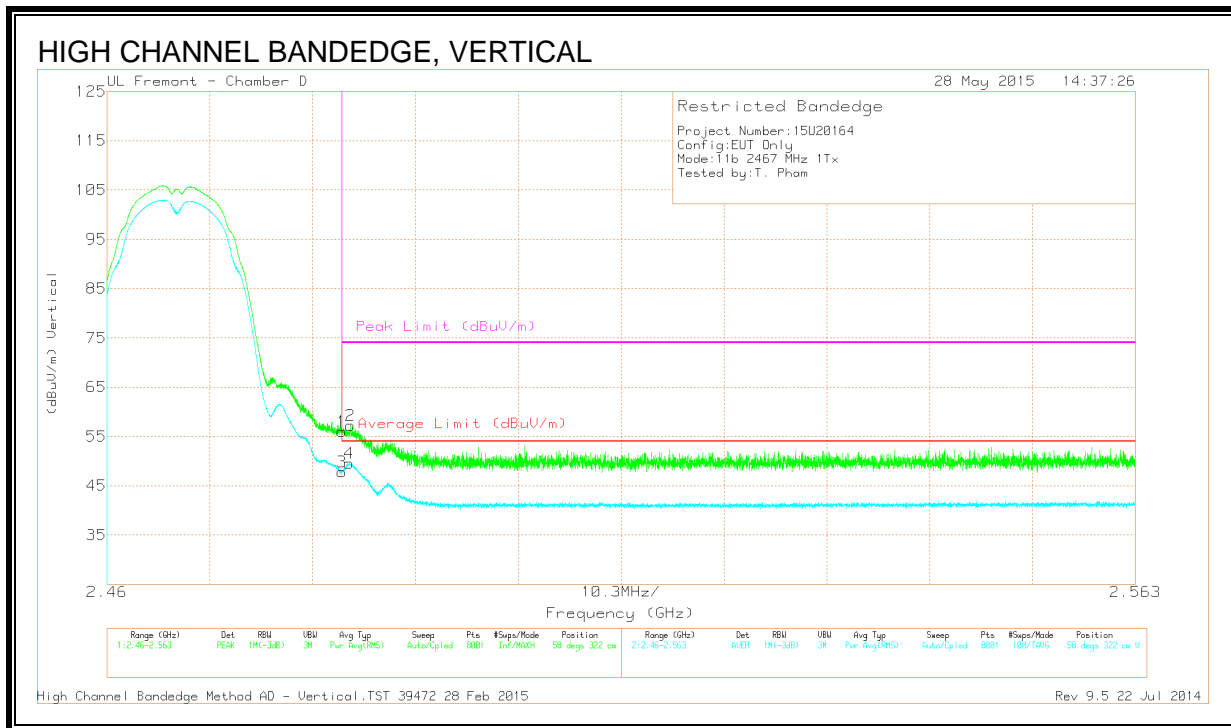
Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.28	PK	32.2	-20.8	55.68	-	-	74	-18.32	0	260	H
2	* 2.484	45.33	PK	32.2	-20.8	56.73	-	-	74	-17.27	0	260	H
3	* 2.484	36.12	RMS	32.2	-20.8	47.52	54	-6.48	-	-	0	260	H
4	* 2.484	37.43	RMS	32.2	-20.8	48.83	54	-5.17	-	-	0	260	H

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Data

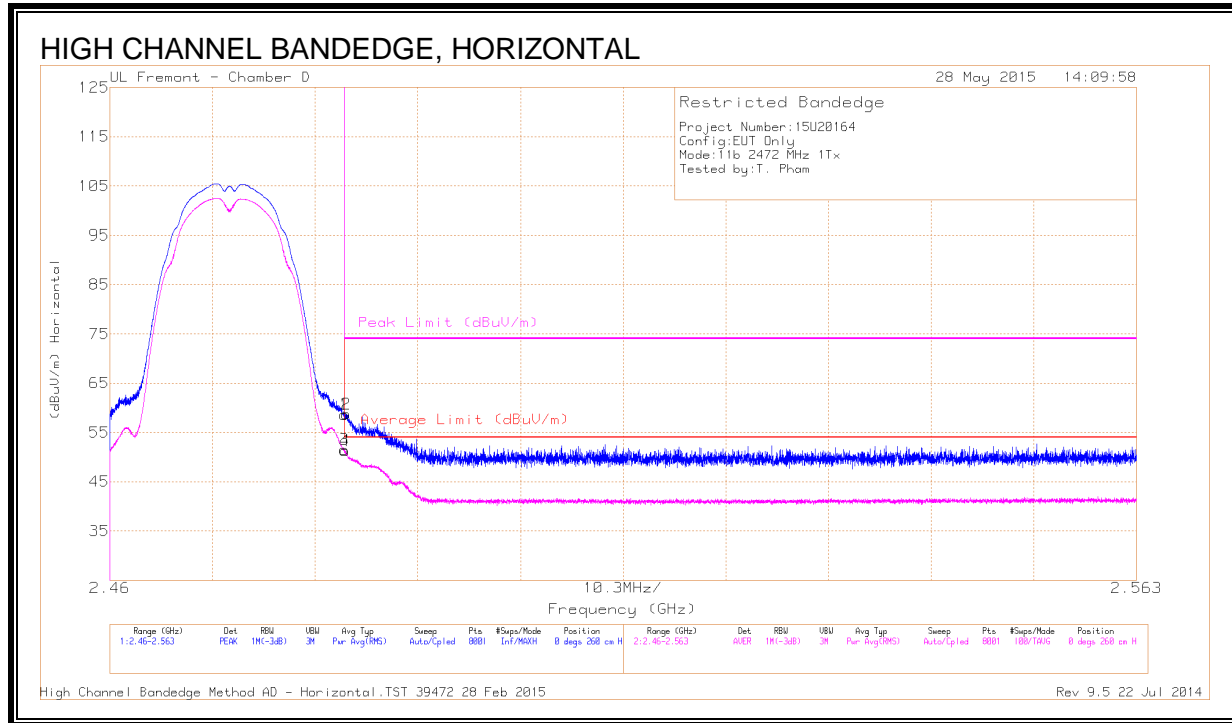
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.63	PK	32.2	-20.8	56.03	-	-	74	-17.97	58	322	V
2	* 2.484	45.89	PK	32.2	-20.8	57.29	-	-	74	-16.71	58	322	V
3	* 2.484	36.46	RMS	32.2	-20.8	47.86	54	-6.14	-	-	58	322	V
4	* 2.484	38.19	RMS	32.2	-20.8	49.59	54	-4.41	-	-	58	322	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEGE (HIGH CHANNEL, CH 13)



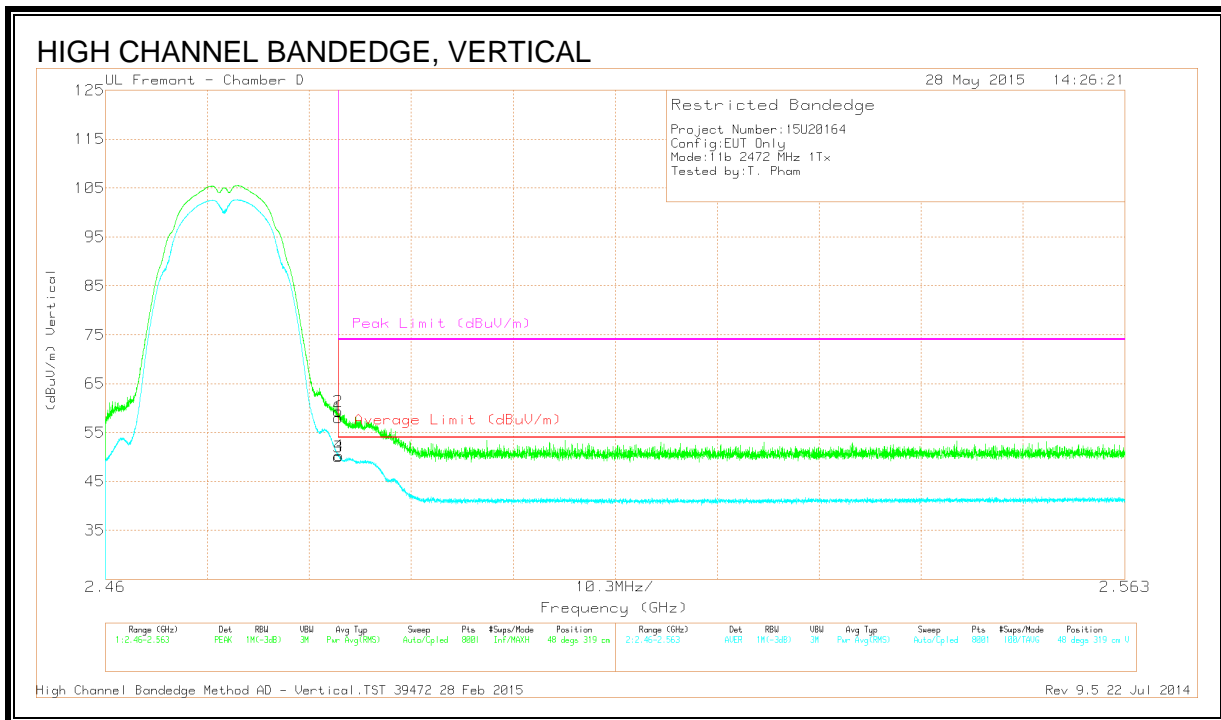
Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.23	PK	32.2	-20.8	58.63	-	-	74	-15.37	0	260	H
2	* 2.484	47.35	PK	32.2	-20.8	58.75	-	-	74	-15.25	0	260	H
3	* 2.484	40.09	RMS	32.2	-20.8	51.49	54	-2.51	-	-	0	260	H
4	* 2.484	39.89	RMS	32.2	-20.8	51.29	54	-2.71	-	-	0	260	H

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Data

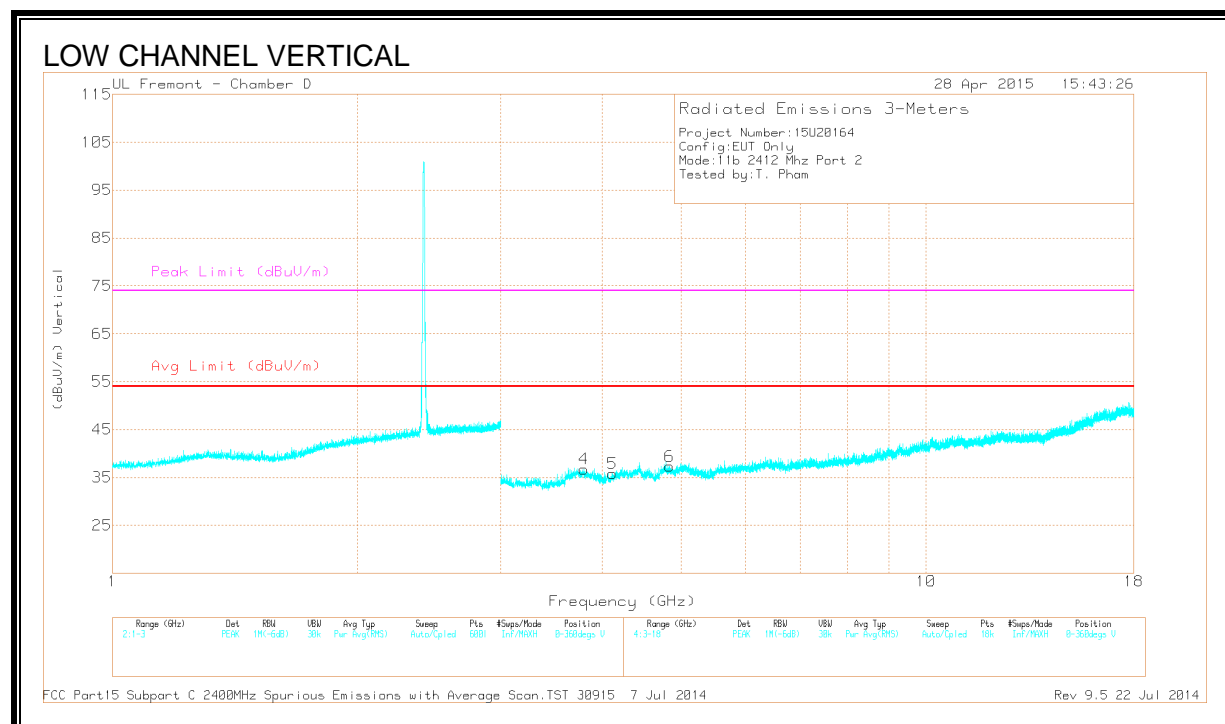
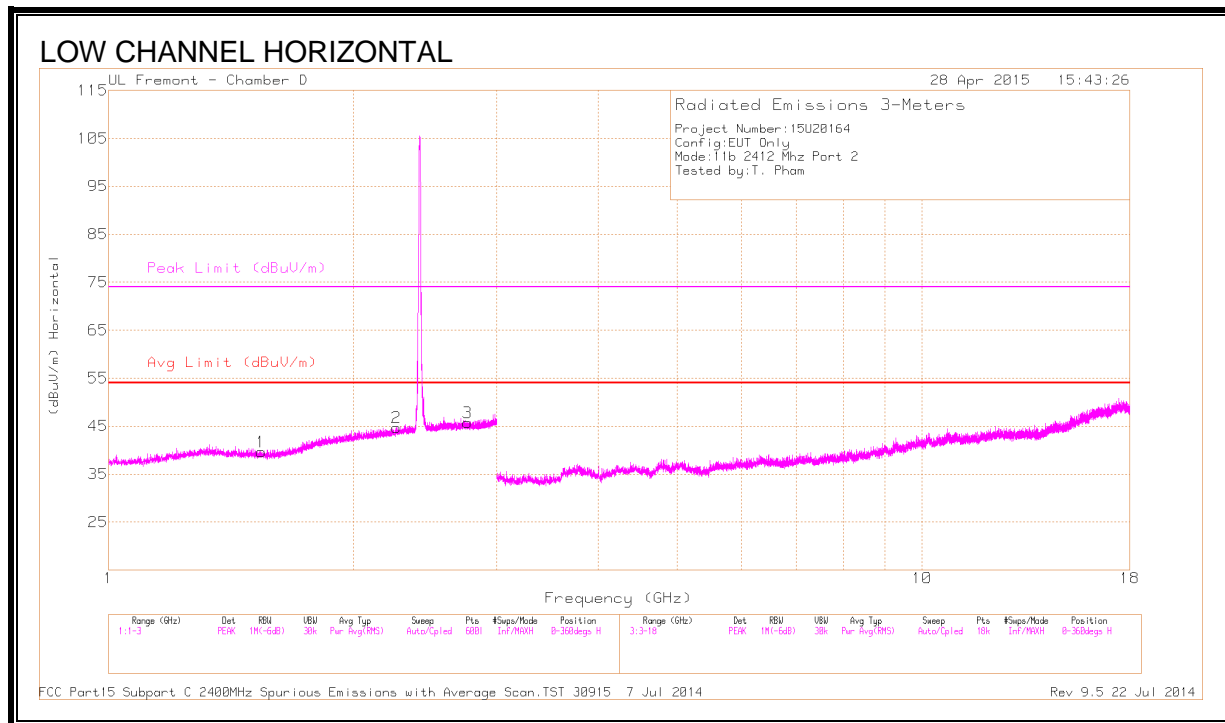
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.63	PK	32.2	-20.8	58.03	-	-	74	-15.97	48	319	V
2	* 2.484	47.91	PK	32.2	-20.8	59.31	-	-	74	-14.69	48	319	V
3	* 2.484	38.64	RMS	32.2	-20.8	50.04	54	-3.96	-	-	48	319	V
4	* 2.484	38.92	RMS	32.2	-20.8	50.32	54	-3.68	-	-	48	319	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL, CH 1



DATA

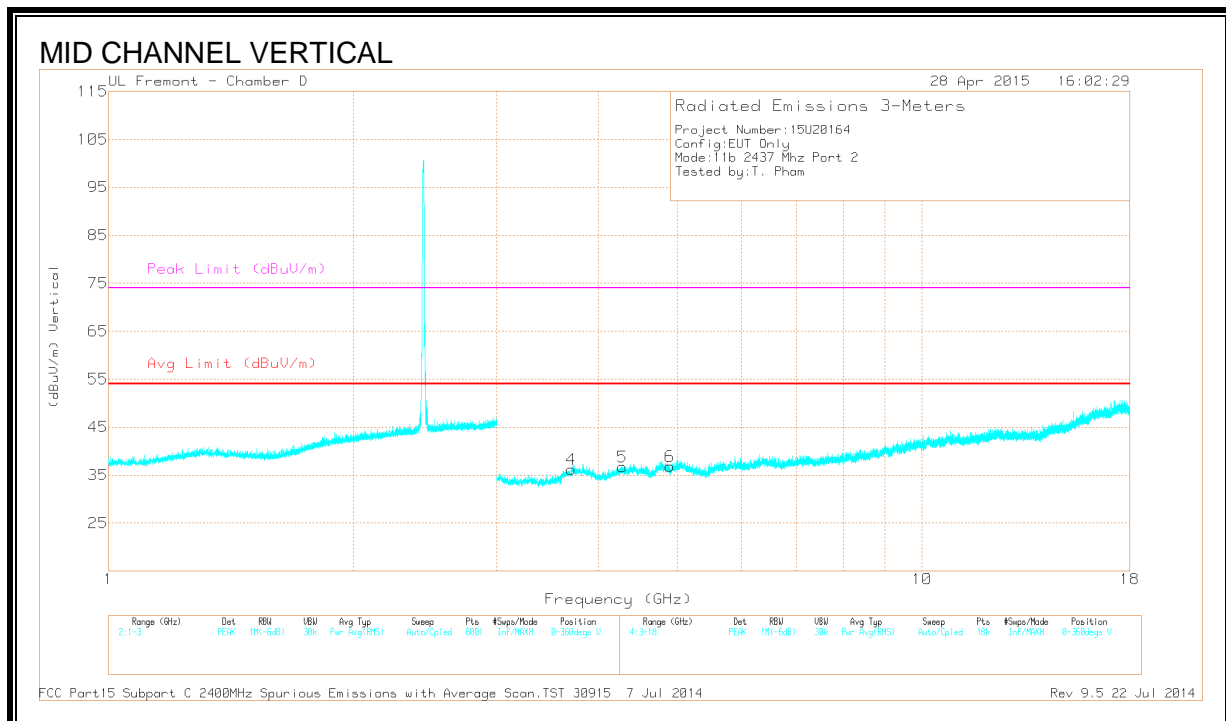
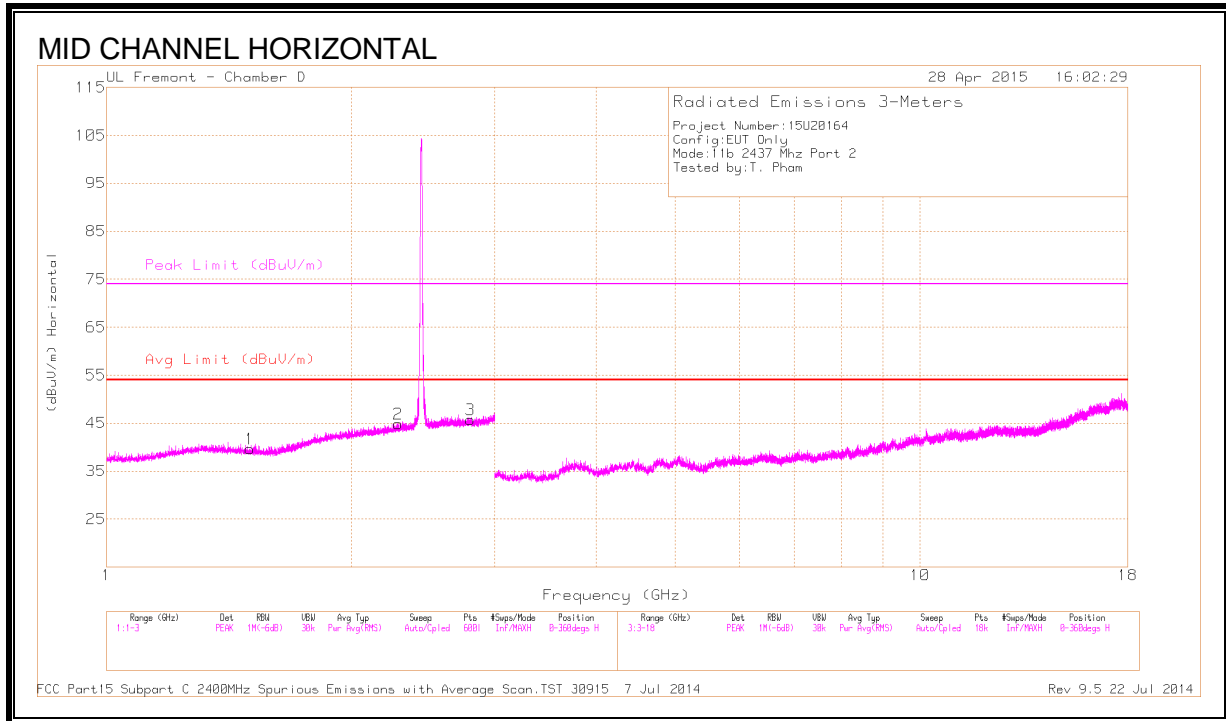
	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.541	41.58	PK2	28.1	-21.9	47.78	-	-	74	-26.22	360	100	H
	* 1.541	30.25	MAv1	28.1	-21.9	36.45	54	-17.55	-	-	360	100	H
2	* 2.258	41.48	PK2	31.8	-21	52.28	-	-	74	-21.72	360	100	H
	* 2.256	30.06	MAv1	31.8	-21	40.86	54	-13.14	-	-	360	100	H
3	* 2.762	41.66	PK2	32.6	-20.3	53.96	-	-	74	-20.04	360	100	H
	* 2.762	29.89	MAv1	32.6	-20.3	42.19	54	-11.81	-	-	360	100	H
4	* 3.795	39.14	PK2	33.3	-28.3	44.14	-	-	74	-29.86	360	100	V
	* 3.795	27.64	MAv1	33.3	-28.3	32.64	54	-21.36	-	-	360	100	V
5	* 4.113	38.97	PK2	33.4	-28	44.37	-	-	74	-29.63	360	100	V
	* 4.113	26.93	MAv1	33.4	-28	32.33	54	-21.67	-	-	360	100	V
6	* 4.835	38.35	PK2	34.1	-27.6	44.85	-	-	74	-29.15	360	100	V
	* 4.834	26.91	MAv1	34.1	-27.6	33.41	54	-20.59	-	-	360	100	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL, CH 6



DATA

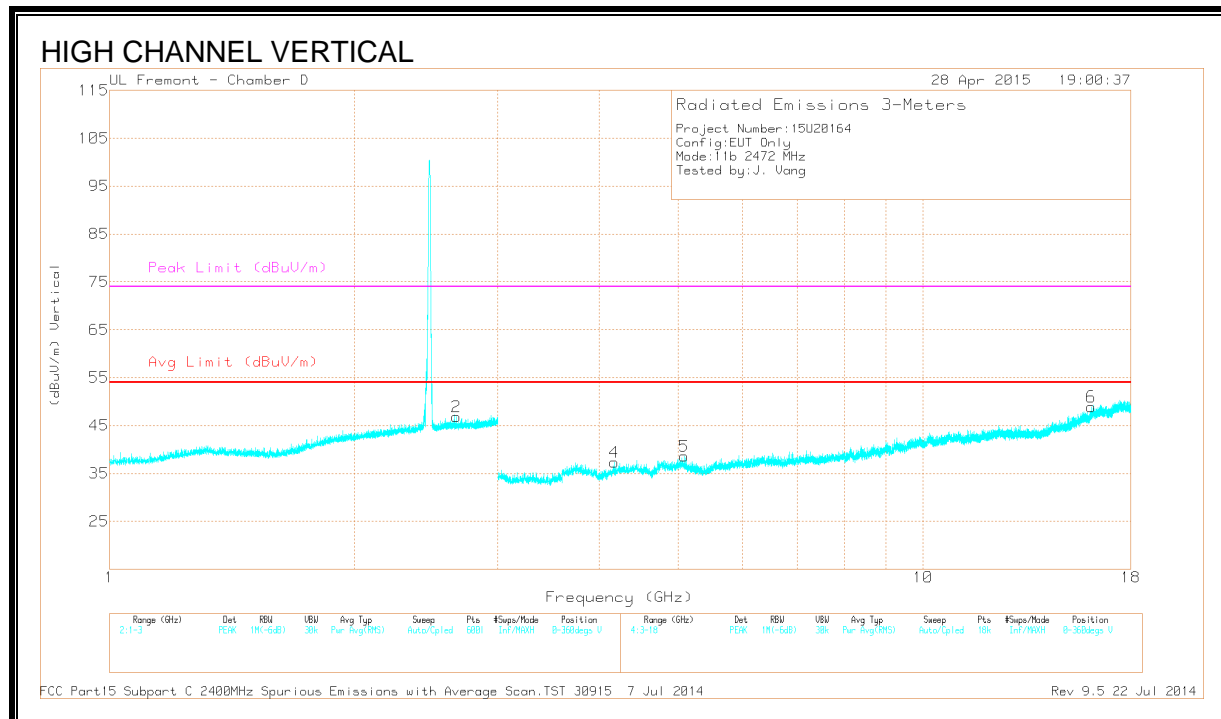
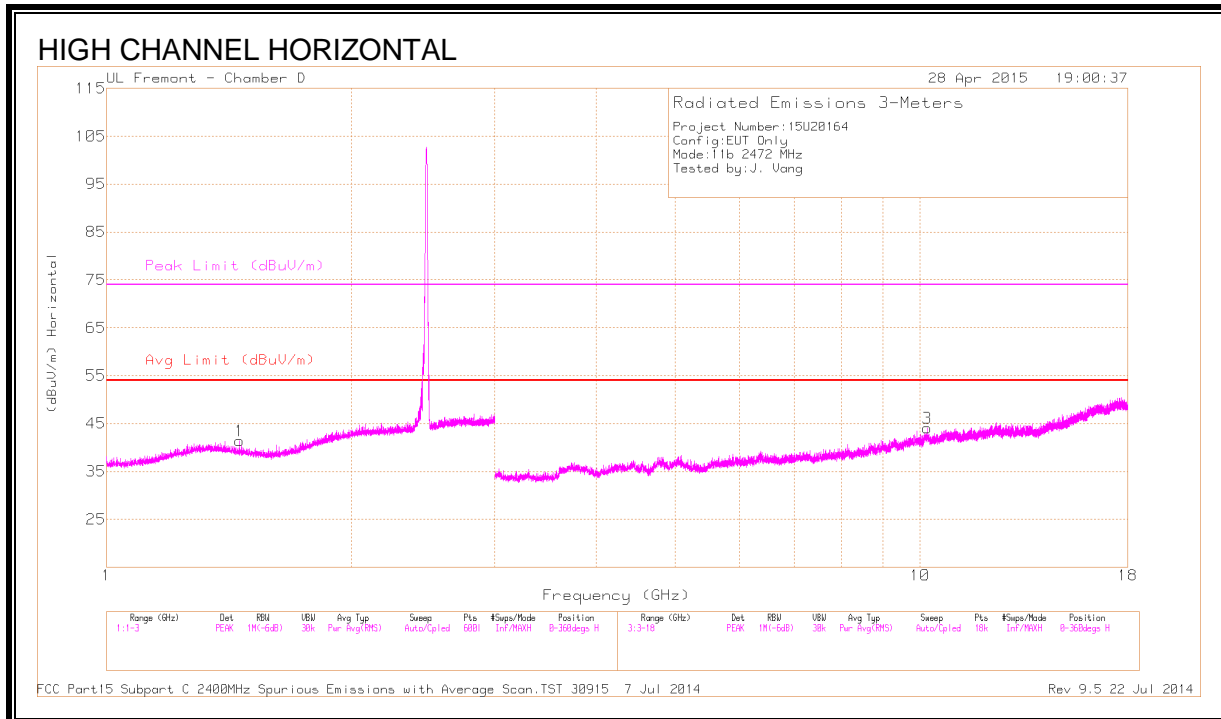
	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.502	41.86	PK2	28.2	-21.9	48.16	-	-	74	-25.84	360	100	H
	* 1.501	30.25	MAv1	28.2	-21.9	36.55	54	-17.45	-	-	360	100	H
2	* 2.284	41.31	PK2	31.9	-21	52.21	-	-	74	-21.79	360	100	H
	* 2.284	29.86	MAv1	31.9	-21	40.76	54	-13.24	-	-	360	100	H
3	* 2.801	41.41	PK2	32.5	-20.3	53.61	-	-	74	-20.39	360	100	H
	* 2.801	30.03	MAv1	32.5	-20.3	42.23	54	-11.77	-	-	360	100	H
4	* 3.706	39.2	PK2	33.2	-29	43.4	-	-	74	-30.6	360	100	V
	* 3.706	27.66	MAv1	33.2	-29	31.86	54	-22.14	-	-	360	100	V
5	* 4.28	38.46	PK2	33.6	-28.1	43.96	-	-	74	-30.04	360	100	V
	* 4.28	27.2	MAv1	33.6	-28.1	32.7	54	-21.3	-	-	360	100	V
6	* 4.895	38.39	PK2	34.1	-28.2	44.29	-	-	74	-29.71	360	100	V
	* 4.895	26.84	MAv1	34.1	-28.2	32.74	54	-21.26	-	-	360	100	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL, CH 13



DATA

	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	* 1.456	41.46	PK2	28.4	-22	47.86	-	-	74	-26.14	246	112	H
	* 1.458	30.22	MAv1	28.4	-22	36.62	54	-17.38	-	-	246	112	H
2	* 2.667	41.89	PK2	32.4	-20.6	53.69	-	-	74	-20.31	68	101	V
	* 2.668	30.3	MAv1	32.4	-20.6	42.1	54	-11.9	-	-	68	101	V
4	* 4.173	37.97	PK2	33.4	-28	43.37	-	-	74	-30.63	164	203	V
	* 4.173	26.5	MAv1	33.4	-28	31.9	54	-22.1	-	-	164	203	V
5	* 5.088	37.73	PK2	34.2	-27	44.93	-	-	74	-29.07	323	183	V
	* 5.088	26.21	MAv1	34.2	-27	33.41	54	-20.59	-	-	323	183	V
6	* 16.08	35.08	PK2	41.3	-20	56.38	-	-	74	-17.62	99	100	V
	* 16.077	23.04	MAv1	41.2	-20.1	44.14	54	-9.86	-	-	99	100	V
3	10.199	34.1	PK2	37.2	-20.1	51.2	-	-	-	-	159	205	H

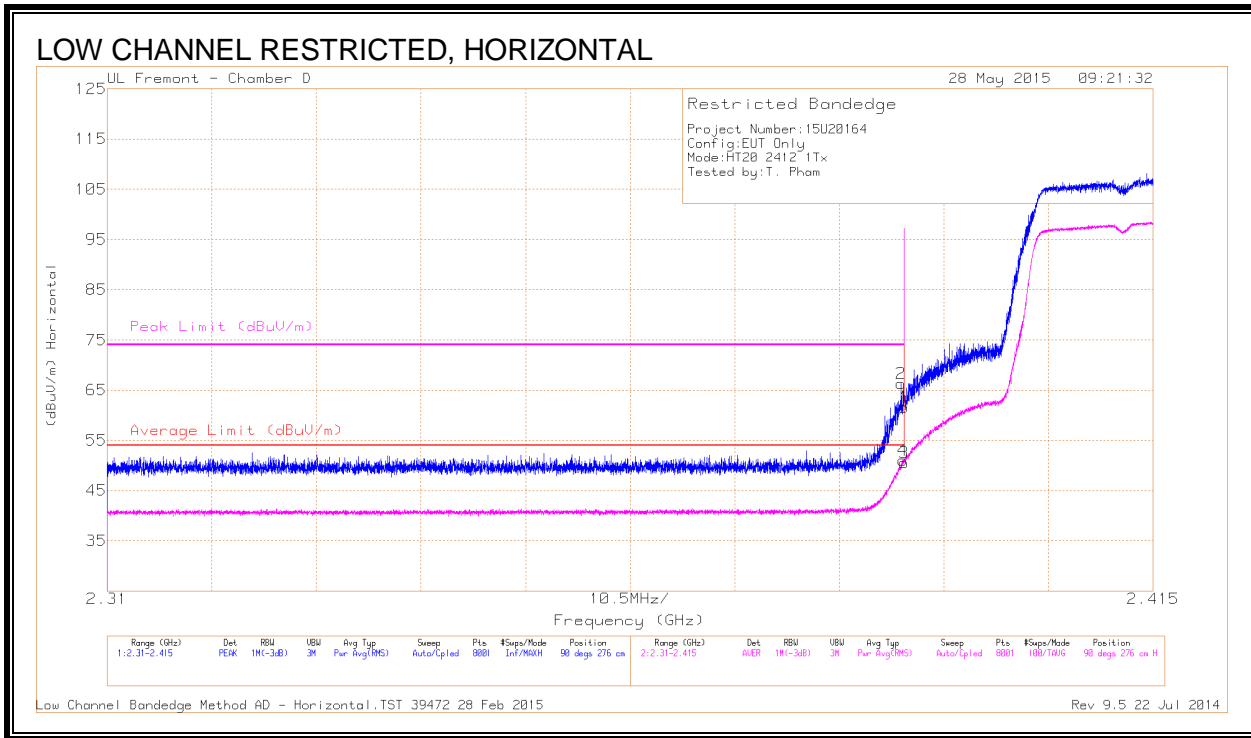
* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.3. 802.11n HT20 1Tx MODE IN THE 2.4 GHz BAND Chain 0

RESTRICTED BANDEDGE (LOW CHANNEL, CH 1)



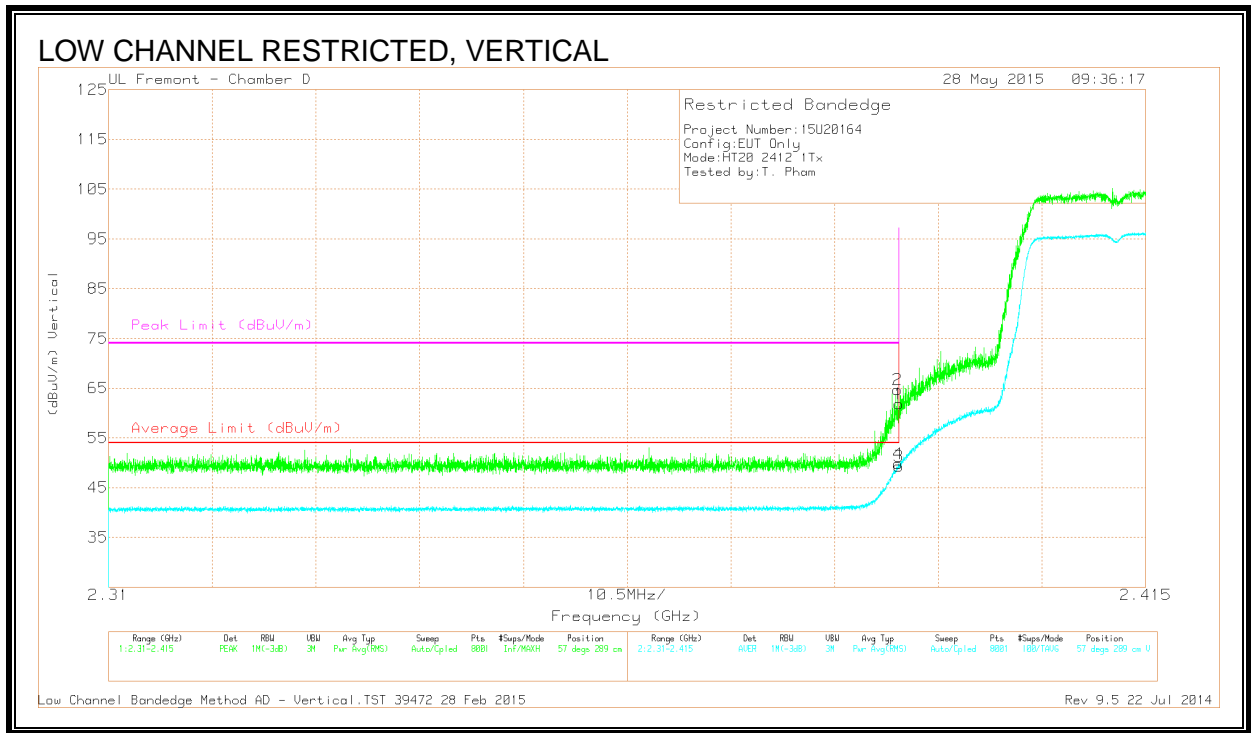
Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	50.15	PK	32.1	-20.7	61.55	-	-	74	-12.45	90	276	H
2	* 2.39	54.89	PK	32.1	-20.7	66.29	-	-	74	-7.71	90	276	H
3	* 2.39	39.16	RMS	32.1	-20.7	50.56	54	-3.44	-	-	90	276	H
4	* 2.39	39.65	RMS	32.1	-20.7	51.05	54	-2.95	-	-	90	276	H

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Data

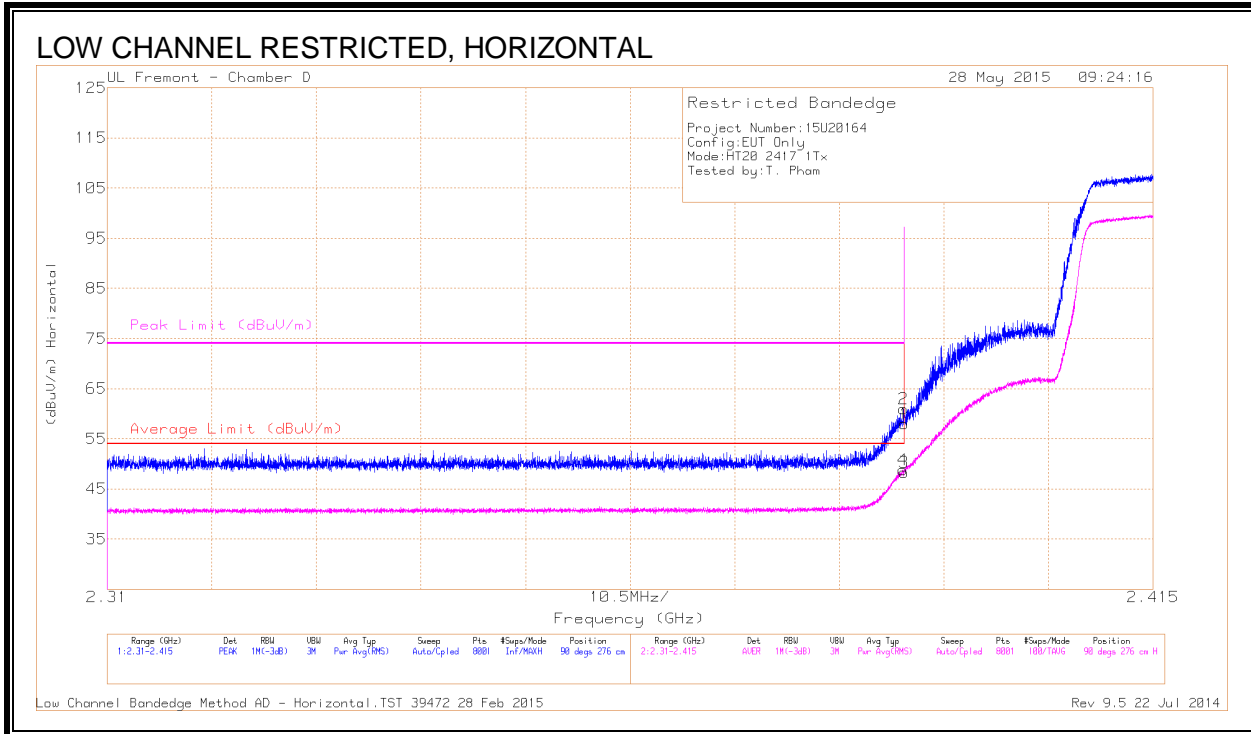
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	50.39	PK	32.1	-20.7	61.79	-	-	74	-12.21	57	289	V
2	* 2.39	53.35	PK	32.1	-20.7	64.75	-	-	74	-9.25	57	289	V
3	* 2.39	37.85	RMS	32.1	-20.7	49.25	54	-4.75	-	-	57	289	V
4	* 2.39	38.4	RMS	32.1	-20.7	49.8	54	-4.2	-	-	57	289	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

RESTRICTED BANDEGE (LOW CHANNEL, CH 2)



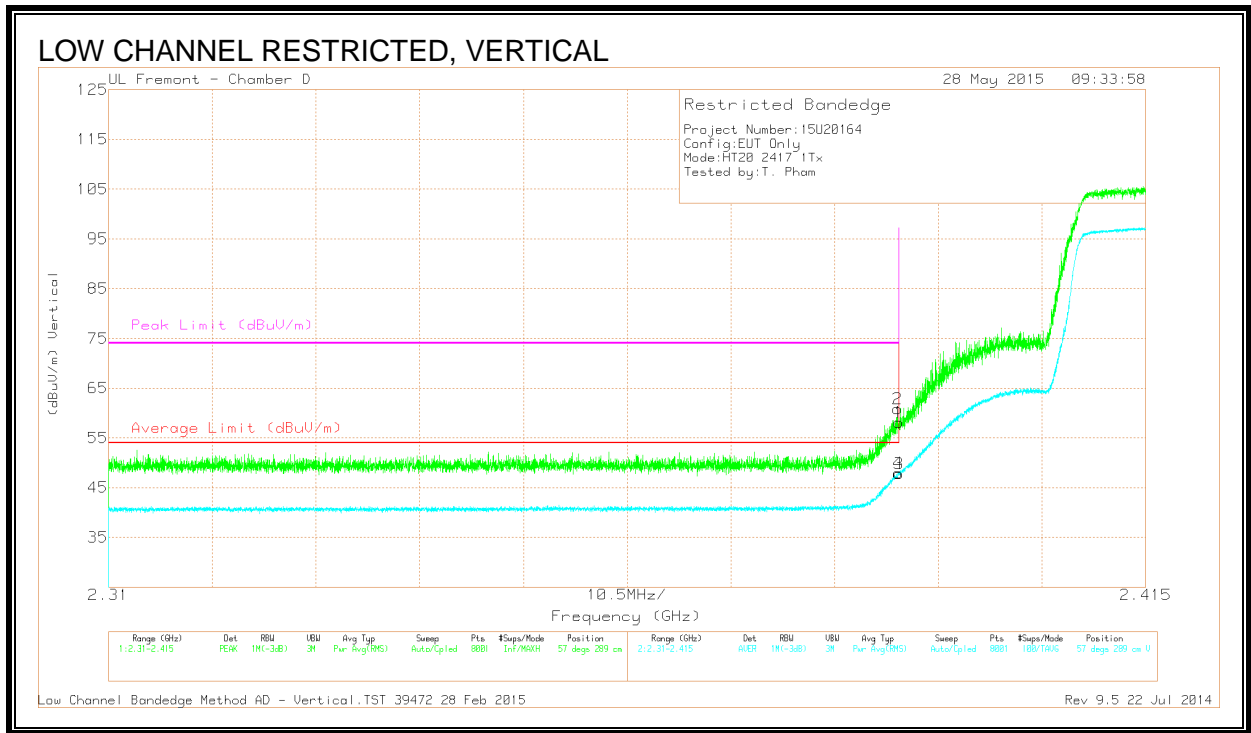
Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.62	PK	32.1	-20.7	58.02	-	-	74	-15.98	90	276	H
2	* 2.39	49.61	PK	32.1	-20.7	61.01	-	-	74	-12.99	90	276	H
3	* 2.39	36.49	RMS	32.1	-20.7	47.89	54	-6.11	-	-	90	276	H
4	* 2.39	37.79	RMS	32.1	-20.7	49.19	54	-4.81	-	-	90	276	H

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Data

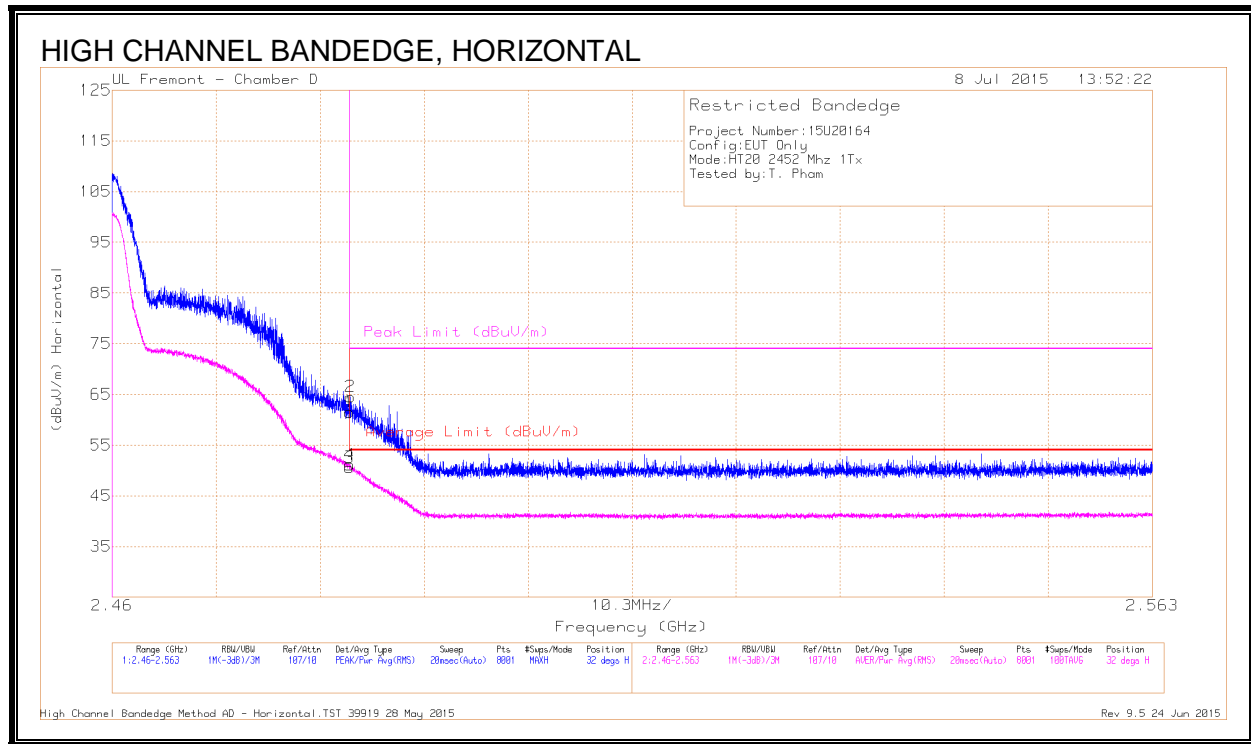
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.7	PK	32.1	-20.7	58.1	-	-	74	-15.9	57	289	V
2	* 2.39	49.45	PK	32.1	-20.7	60.85	-	-	74	-13.15	57	289	V
3	* 2.39	36.44	RMS	32.1	-20.7	47.84	54	-6.16	-	-	57	289	V
4	* 2.39	36.66	RMS	32.1	-20.7	48.06	54	-5.94	-	-	57	289	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEGE (HIGH CHANNEL, CH 9)



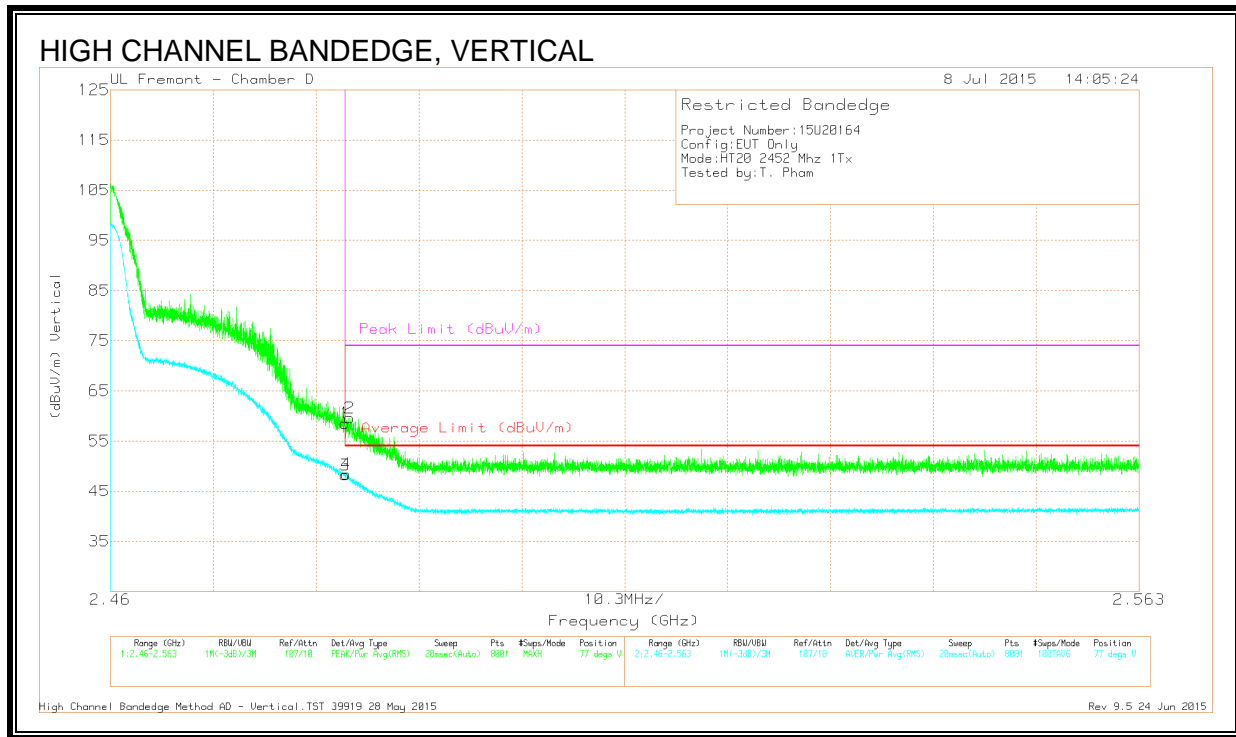
Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.11	Pk	32.2	-20.8	61.51	-	-	74	-12.49	32	183	H
2	* 2.484	53.16	Pk	32.2	-20.8	64.56	-	-	74	-9.44	32	183	H
3	* 2.484	39.2	RMS	32.2	-20.8	50.6	54	-3.4	-	-	32	183	H
4	* 2.484	39.74	RMS	32.2	-20.8	51.14	54	-2.86	-	-	32	183	H

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

Pk - Peak detector

RMS - RMS detection



Data

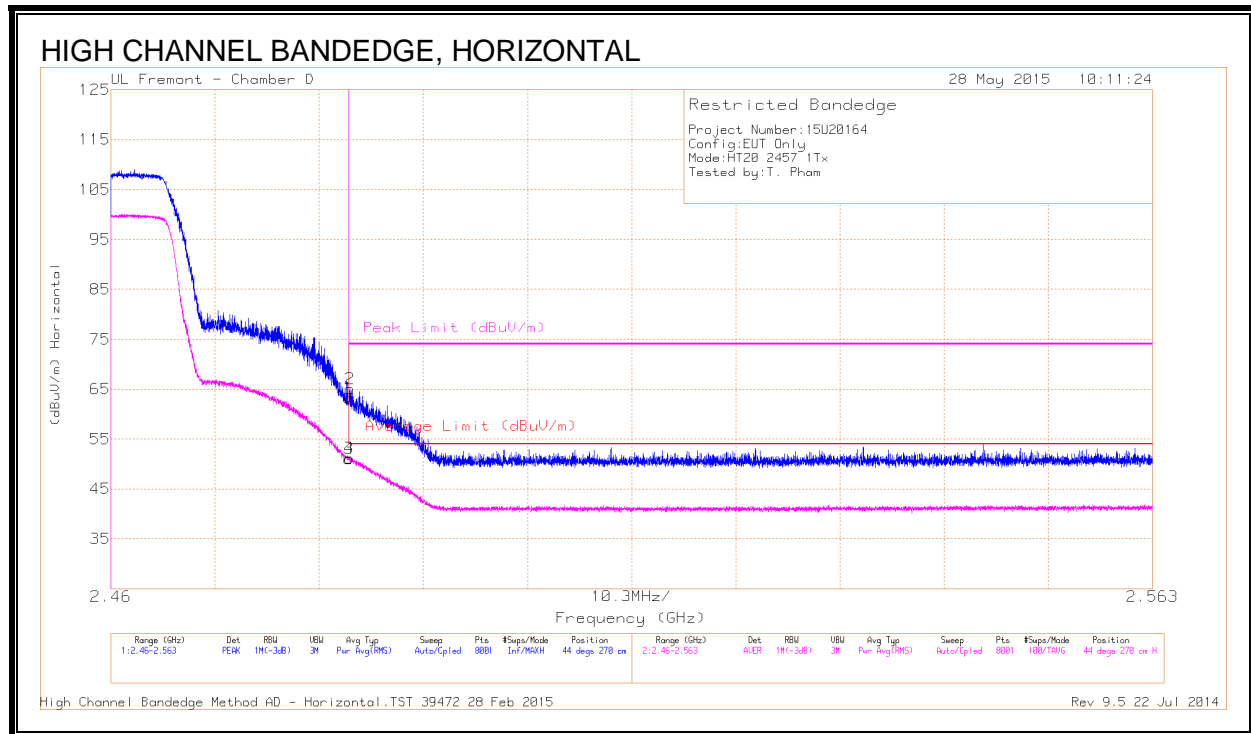
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.17	Pk	32.2	-20.8	58.57	-	-	74	-15.43	77	337	V
2	* 2.484	48.2	Pk	32.2	-20.8	59.6	-	-	74	-14.4	77	337	V
3	* 2.484	36.85	RMS	32.2	-20.8	48.25	54	-5.75	-	-	77	337	V
4	* 2.484	36.99	RMS	32.2	-20.8	48.39	54	-5.61	-	-	77	337	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 10)



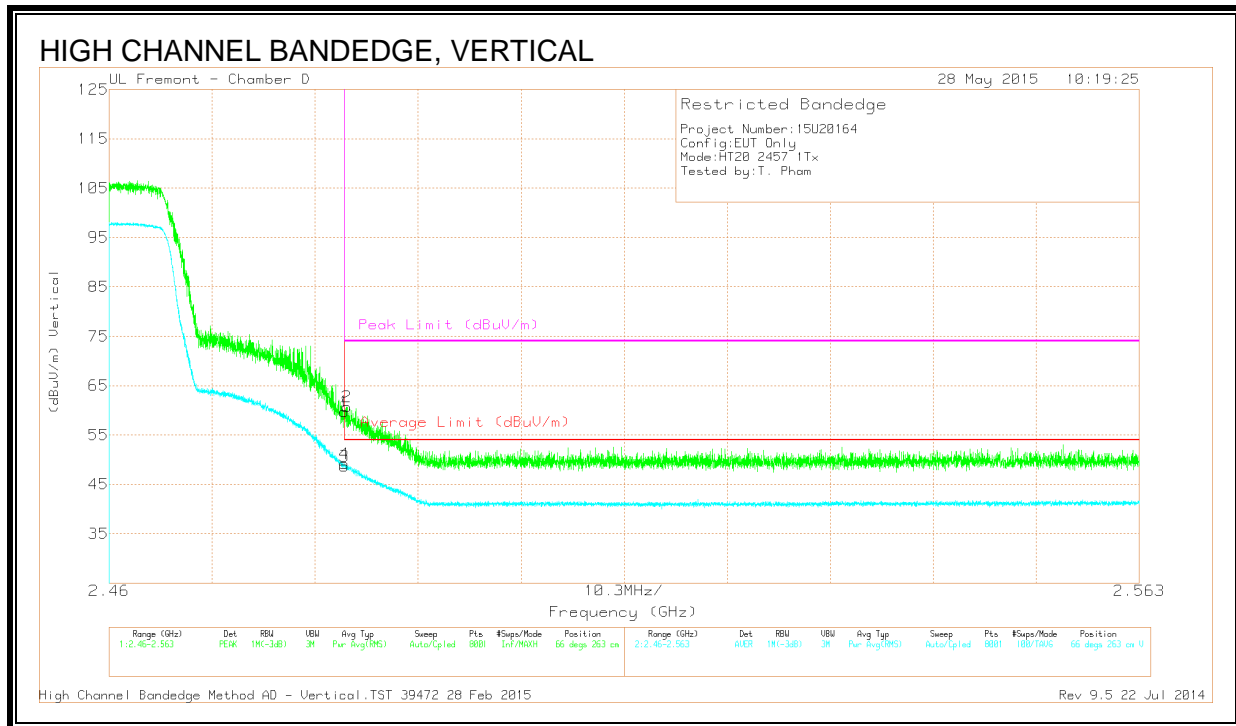
Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.86	PK	32.2	-20.8	63.26	-	-	74	-10.74	44	270	H
2	* 2.484	53.7	PK	32.2	-20.8	65.1	-	-	74	-8.9	44	270	H
3	* 2.484	39.7	RMS	32.2	-20.8	51.1	54	-2.9	-	-	44	270	H
4	* 2.484	39.75	RMS	32.2	-20.8	51.15	54	-2.85	-	-	44	270	H

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Data

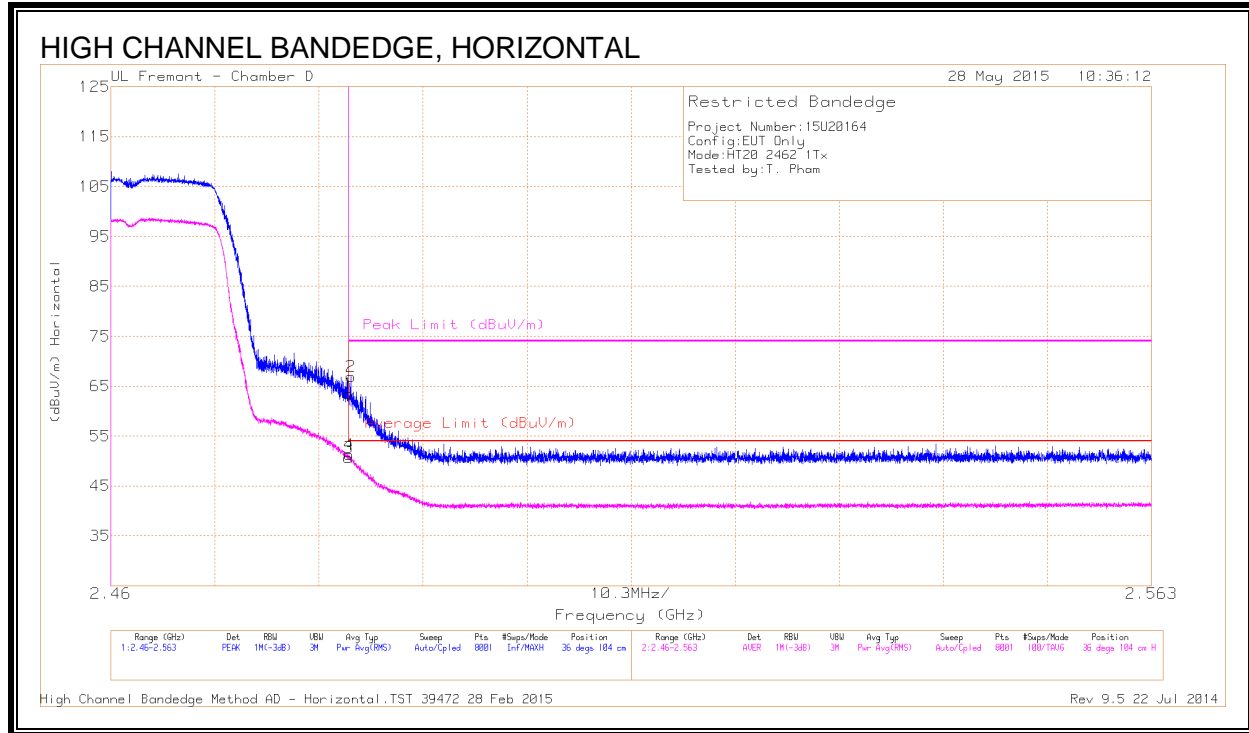
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.36	PK	32.2	-20.8	59.76	-	-	74	-14.24	66	263	V
2	* 2.484	49.31	PK	32.2	-20.8	60.71	-	-	74	-13.29	66	263	V
3	* 2.484	37.26	RMS	32.2	-20.8	48.66	54	-5.34	-	-	66	263	V
4	* 2.484	37.74	RMS	32.2	-20.8	49.14	54	-4.86	-	-	66	263	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 11)



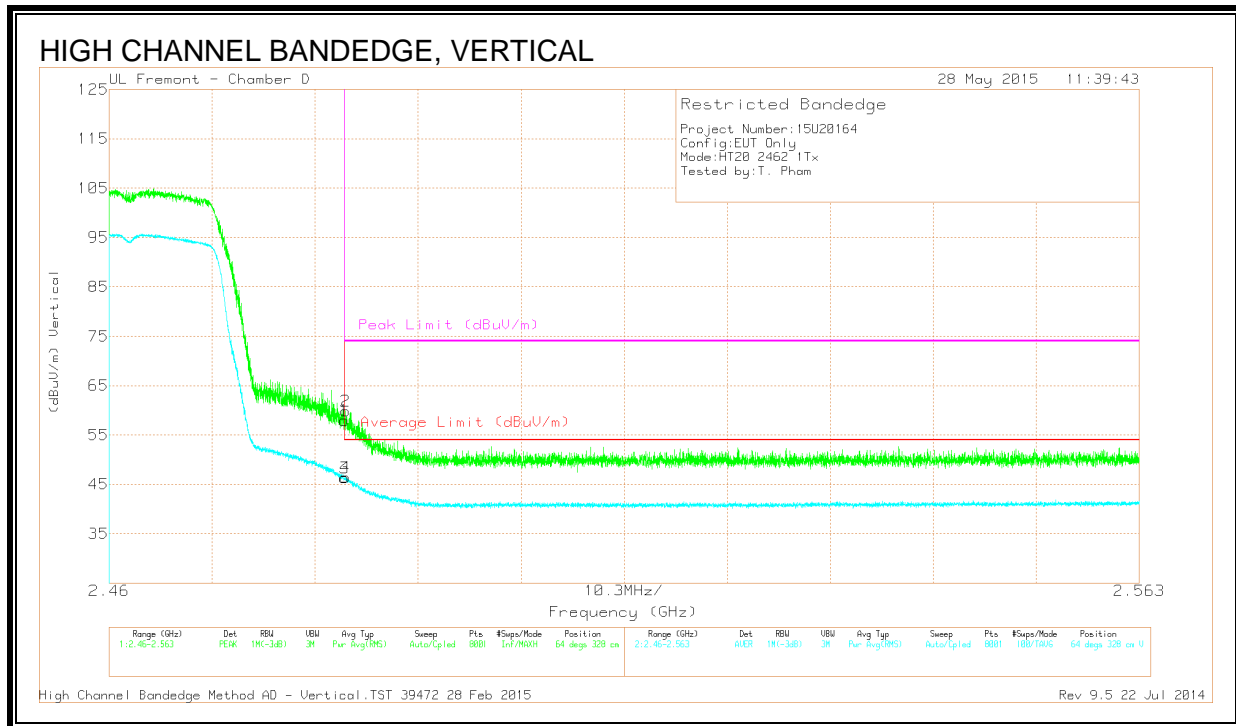
Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.03	PK	32.2	-20.8	63.43	-	-	74	-10.57	36	104	H
2	* 2.484	55.58	PK	32.2	-20.8	66.98	-	-	74	-7.02	36	104	H
3	* 2.484	39.28	RMS	32.2	-20.8	50.68	54	-3.32	-	-	36	104	H
4	* 2.484	39.83	RMS	32.2	-20.8	51.23	54	-2.77	-	-	36	104	H

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Data

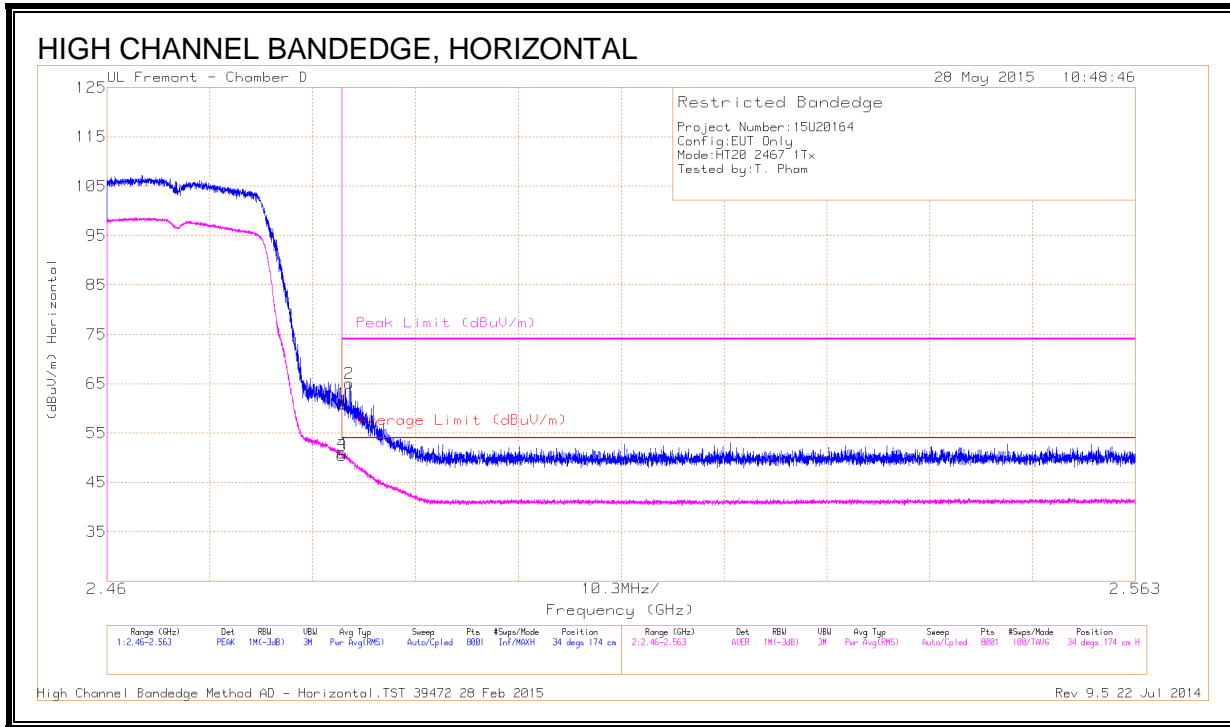
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.53	PK	32.2	-20.8	57.93	-	-	74	-16.07	64	328	V
2	* 2.484	48.49	PK	32.2	-20.8	59.89	-	-	74	-14.11	64	328	V
3	* 2.484	36.04	RMS	32.2	-20.8	47.44	54	-6.56	-	-	64	328	V
4	* 2.484	36.85	RMS	32.2	-20.8	48.25	54	-5.75	-	-	64	328	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 12)



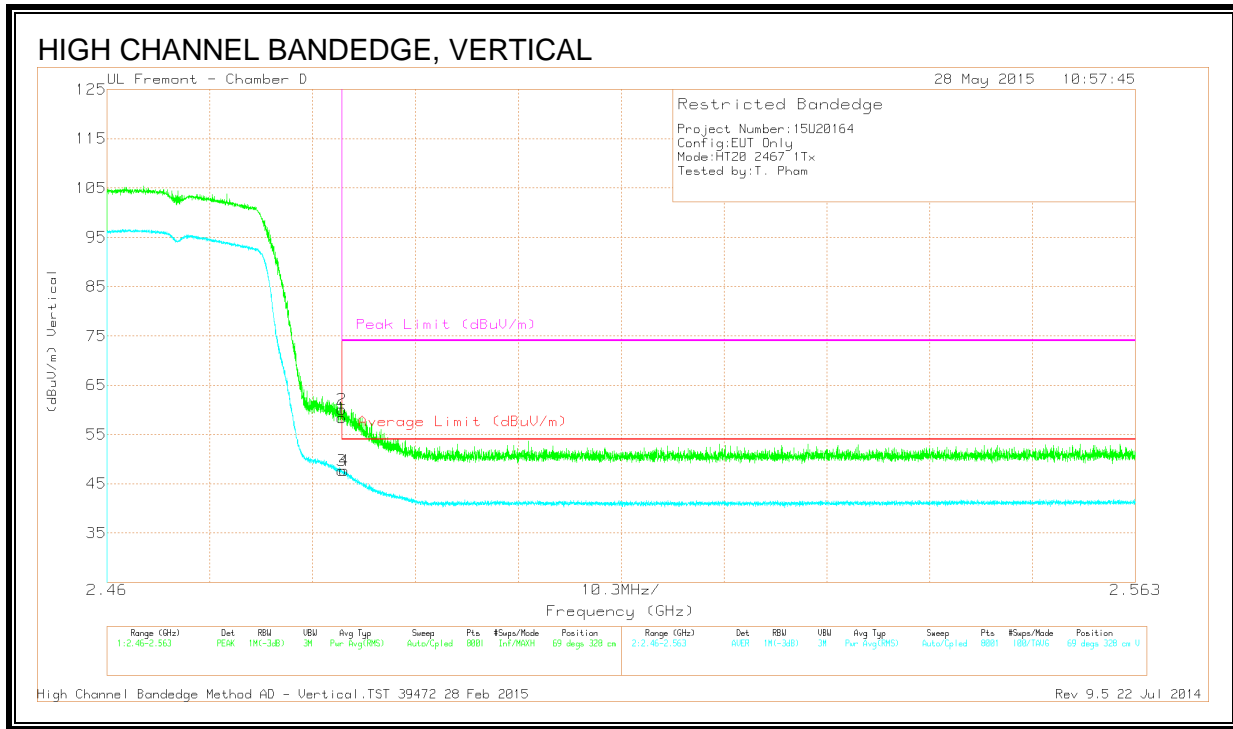
Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	49.51	PK	32.2	-20.8	60.91	-	-	74	-13.09	34	174	H
2	* 2.484	53.71	PK	32.2	-20.8	65.11	-	-	74	-8.89	34	174	H
3	* 2.484	38.97	RMS	32.2	-20.8	50.37	54	-3.63	-	-	34	174	H
4	* 2.484	39.53	RMS	32.2	-20.8	50.93	54	-3.07	-	-	34	174	H

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Data

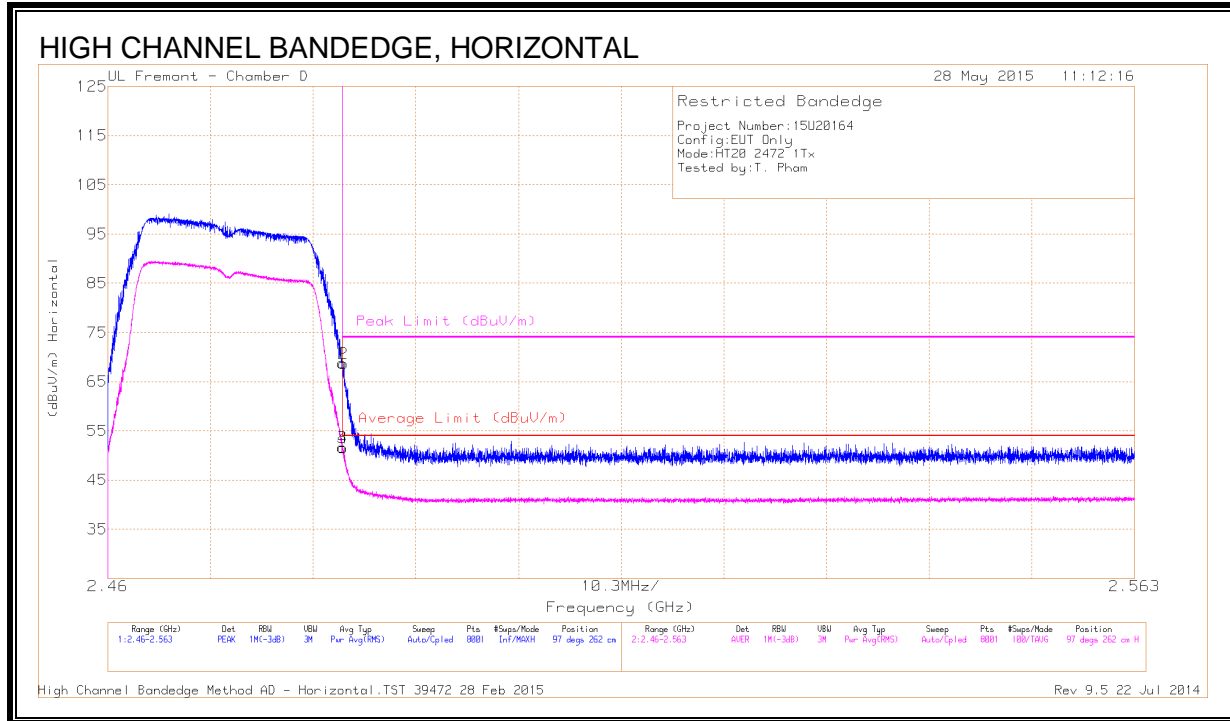
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.92	PK	32.2	-20.8	58.32	-	-	74	-15.68	69	328	V
2	* 2.484	48.74	PK	32.2	-20.8	60.14	-	-	74	-13.86	69	328	V
3	* 2.484	35.69	RMS	32.2	-20.8	47.09	54	-6.91	-	-	69	328	V
4	* 2.484	36.41	RMS	32.2	-20.8	47.81	54	-6.19	-	-	69	328	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 13)



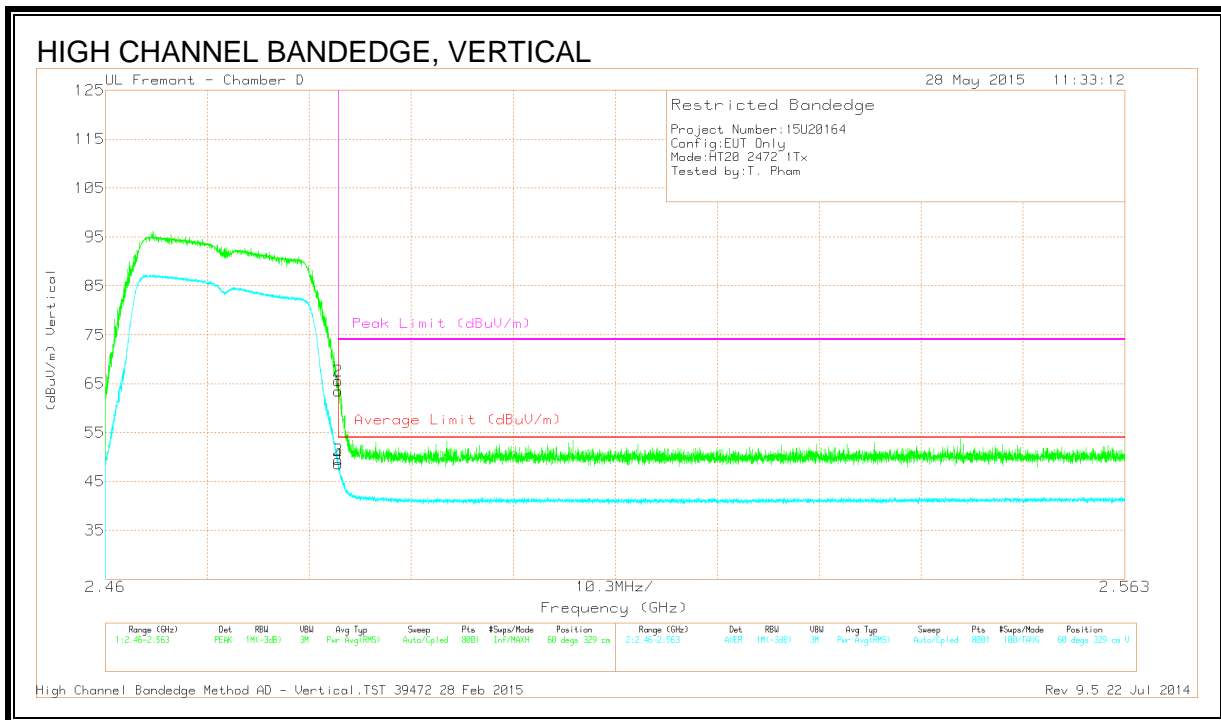
Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	57.44	PK	32.2	-20.8	68.84	-	-	74	-5.16	97	262	H
2	* 2.484	57.3	PK	32.2	-20.8	68.7	-	-	74	-5.3	97	262	H
3	* 2.484	40.22	RMS	32.2	-20.8	51.62	54	-2.38	-	-	97	262	H
4	* 2.484	40.11	RMS	32.2	-20.8	51.51	54	-2.49	-	-	97	262	H

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



Data

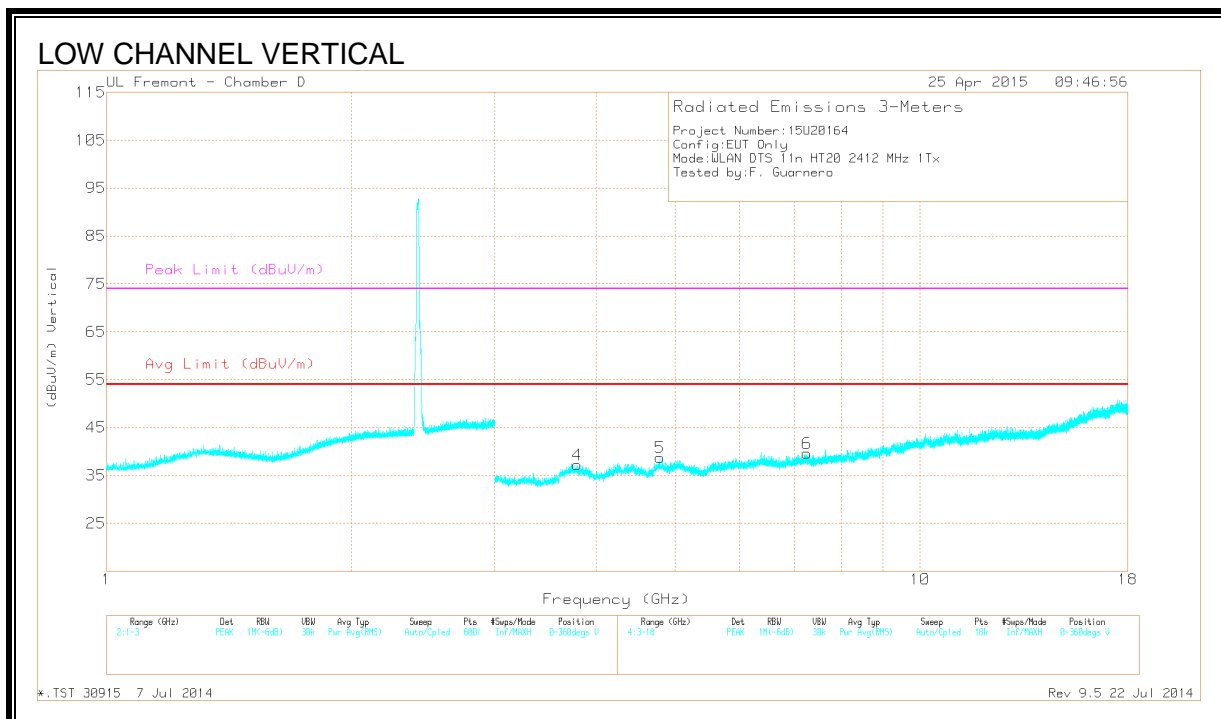
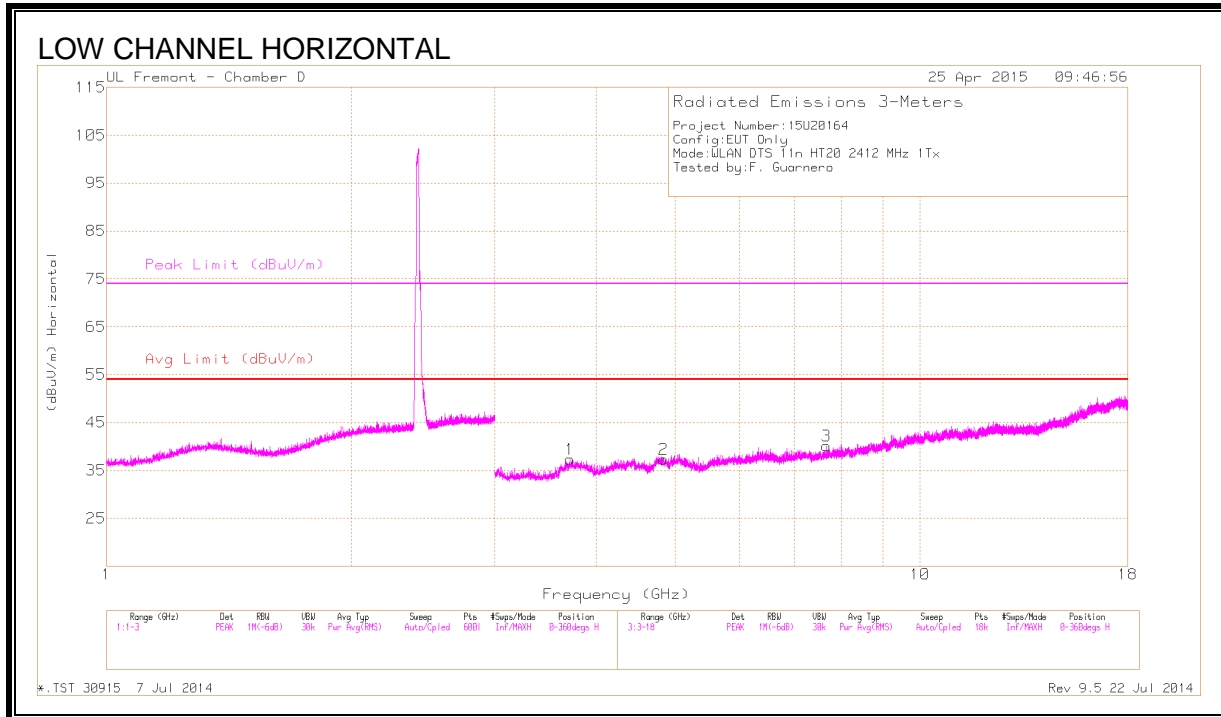
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.01	PK	32.2	-20.8	63.41	-	-	74	-10.59	60	329	V
2	* 2.484	54.12	PK	32.2	-20.8	65.52	-	-	74	-8.48	60	329	V
3	* 2.484	38.01	RMS	32.2	-20.8	49.41	54	-4.59	-	-	60	329	V
4	* 2.484	37.13	RMS	32.2	-20.8	48.53	54	-5.47	-	-	60	329	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL, CH 1



DATA

	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	* 4.825	38.21	PK2	34.1	-27.4	44.91	-	-	74	-29.09	348	205	H
	* 4.825	26.4	MAv1	34.1	-27.4	33.1	54	-20.9	-	-	348	205	H
2	* 3.713	39.26	PK2	33.2	-28.9	43.56	-	-	74	-30.44	293	119	H
	* 3.715	28.27	MAv1	33.2	-28.9	32.57	54	-21.43	-	-	293	119	H
3	* 7.67	35.96	PK2	35.6	-25.1	46.46	-	-	74	-27.54	302	204	H
	* 7.671	25.32	MAv1	35.6	-25.1	35.82	54	-18.18	-	-	302	204	H
4	* 4.811	37.36	PK2	34.1	-27.1	44.36	-	-	74	-29.64	301	163	V
	* 4.812	26.23	MAv1	34.1	-27.2	33.13	54	-20.87	-	-	301	163	V
5	* 3.787	38.88	PK2	33.3	-28.2	43.98	-	-	74	-30.02	301	100	V
	* 3.788	27.88	MAv1	33.3	-28.2	32.98	54	-21.02	-	-	301	100	V
6	* 7.258	36.67	PK2	35.5	-25.1	47.07	-	-	74	-26.93	328	127	V
	* 7.255	25.62	MAv1	35.5	-25	36.12	54	-17.88	-	-	328	127	V

* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average