

8.10.2. 99% BANDWIDTH

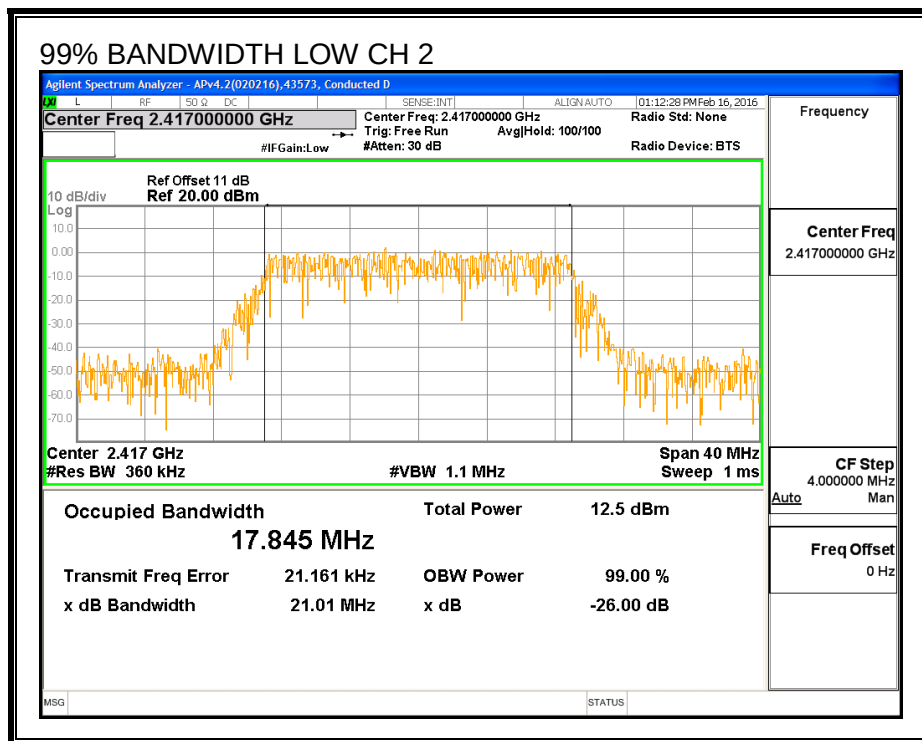
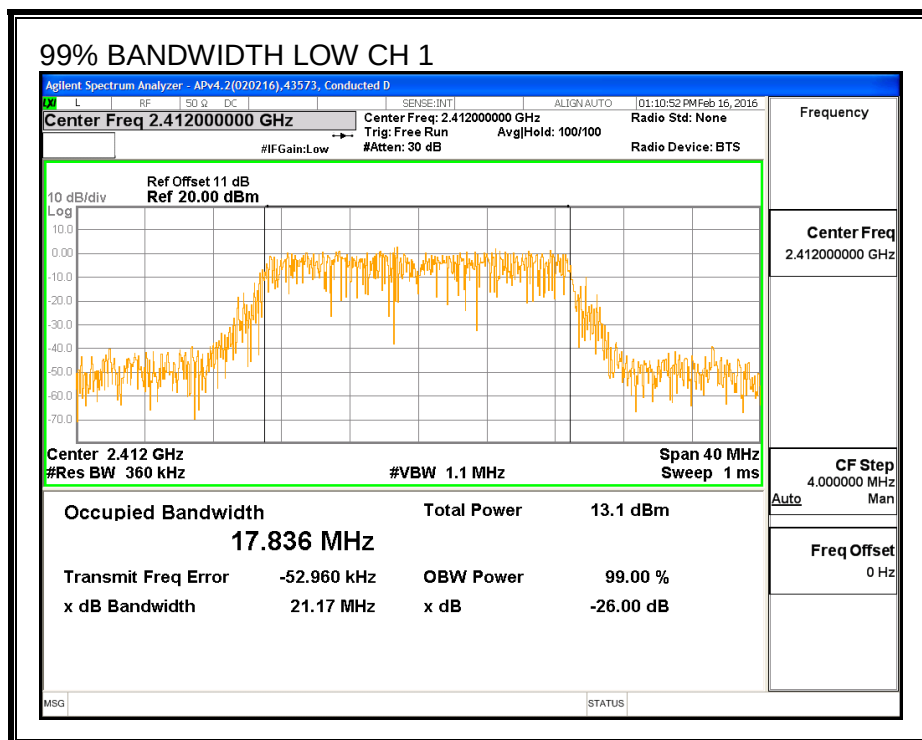
LIMITS

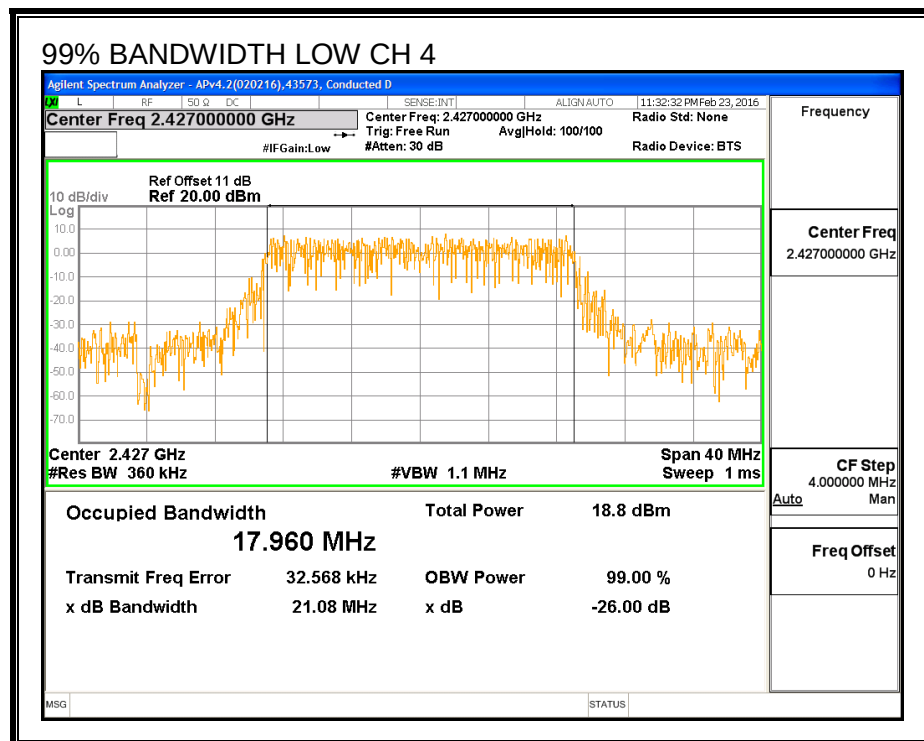
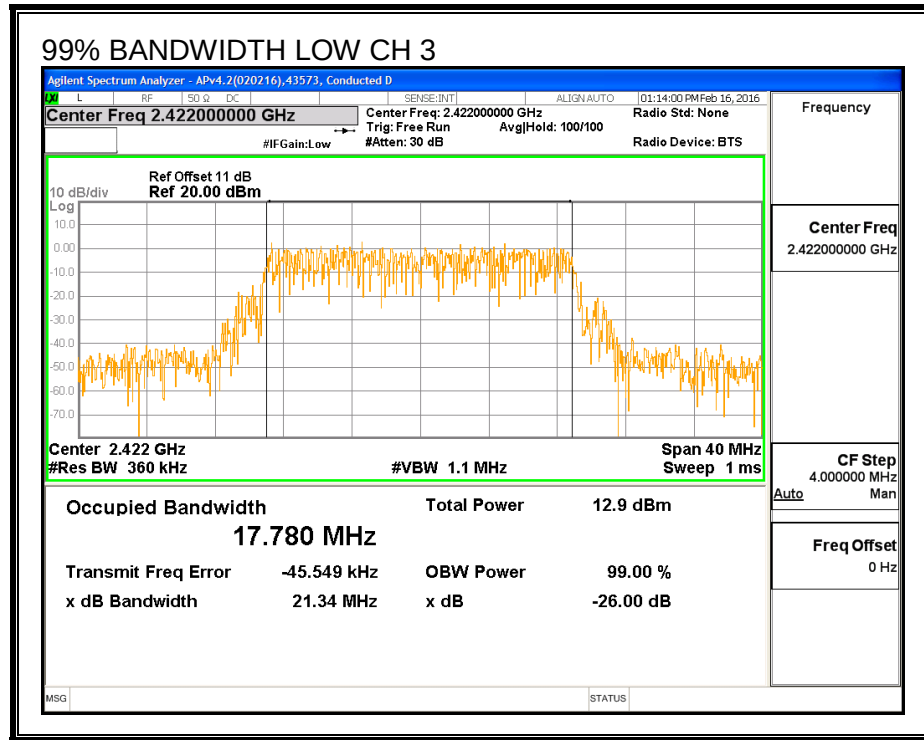
None; for reporting purposes only.

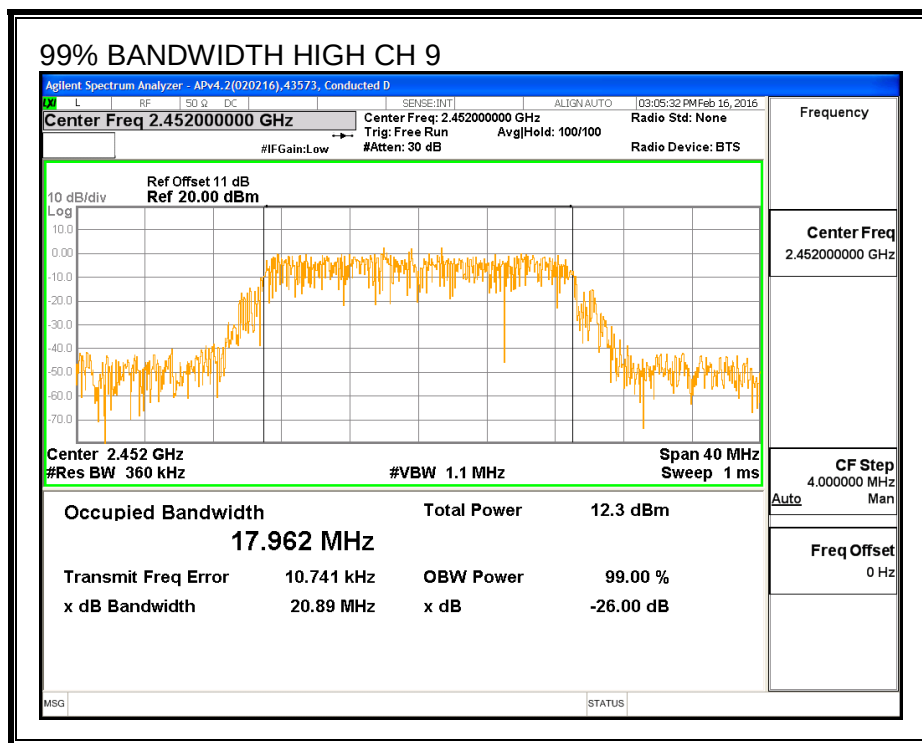
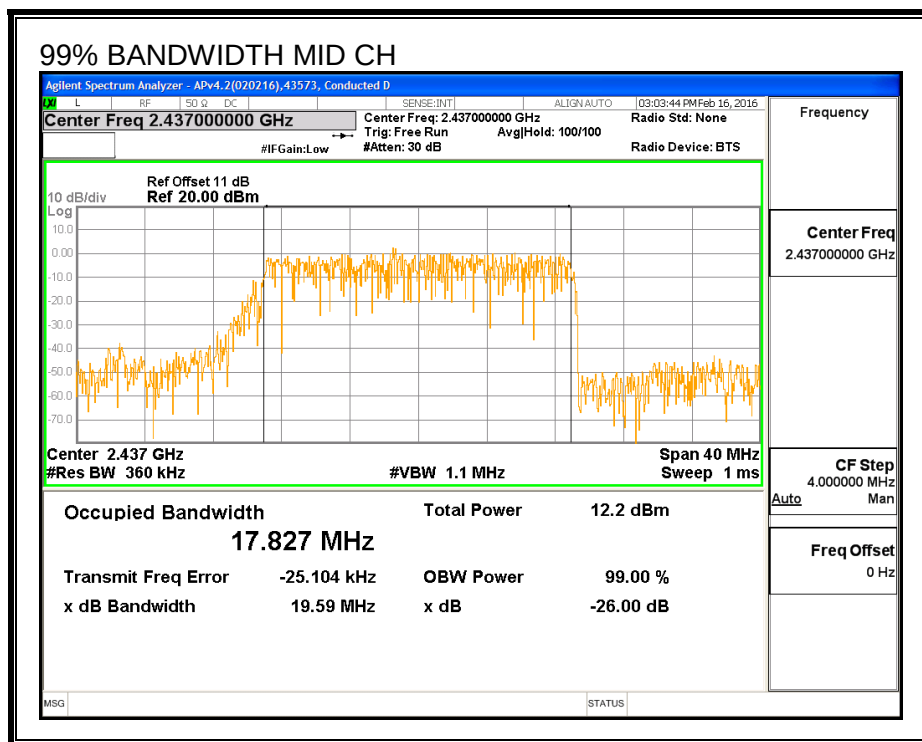
RESULTS

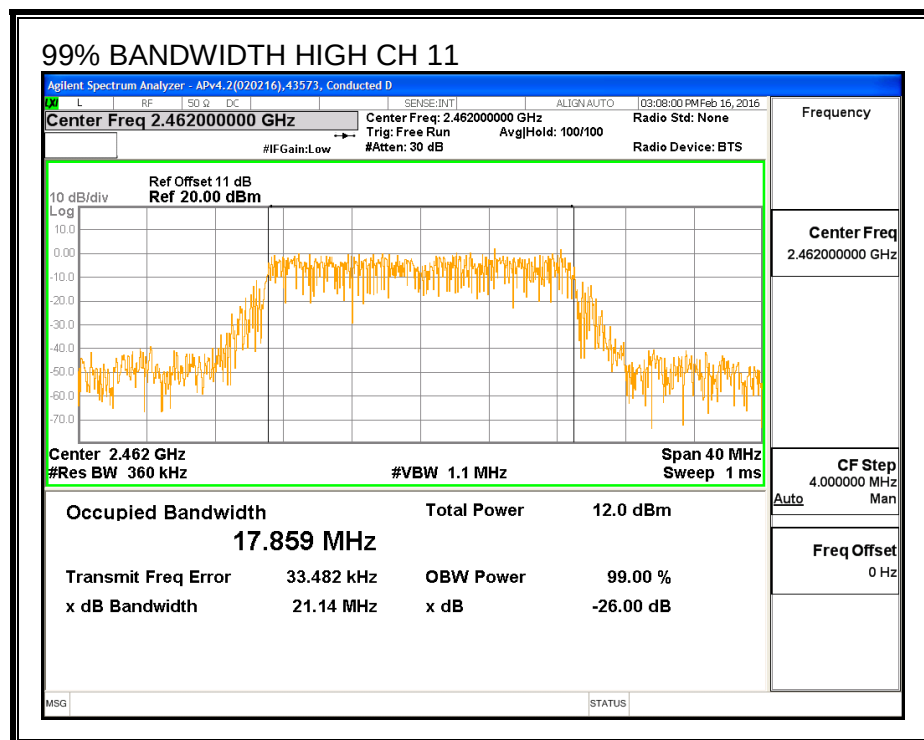
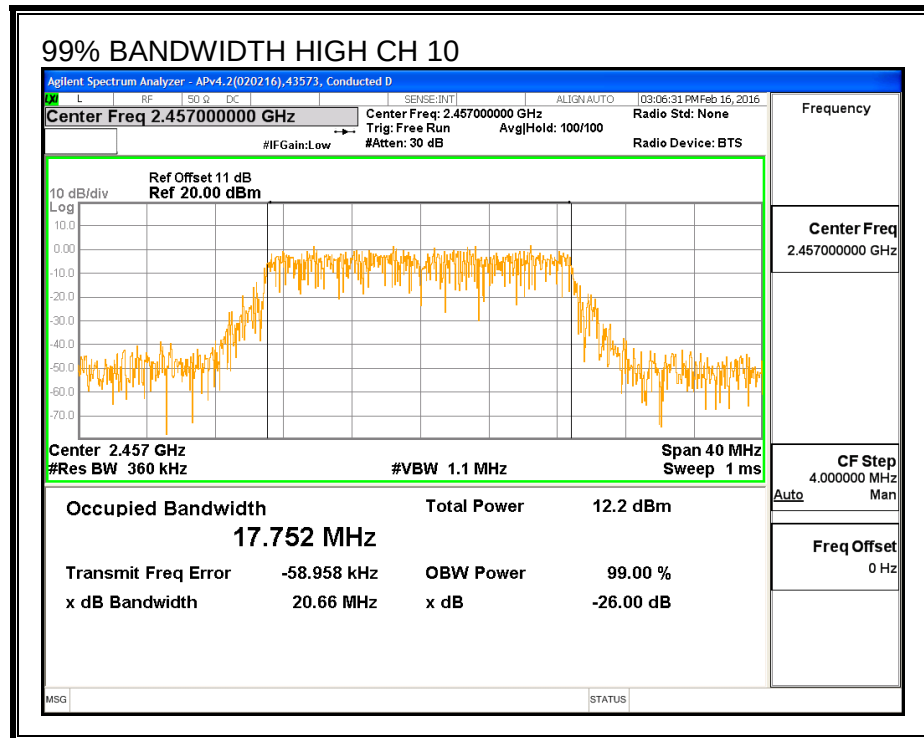
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low_1	2412	17.836	17.676
Low_2	2417	17.845	17.860
Low_3	2422	17.780	17.701
Low_4	2427	17.960	17.859
Mid_6	2437	17.827	17.809
High_9	2452	17.962	17.937
High_10	2457	17.752	17.890
High_11	2462	17.859	17.759
High_12	2467	17.813	17.544
High_13	2472	17.727	17.842

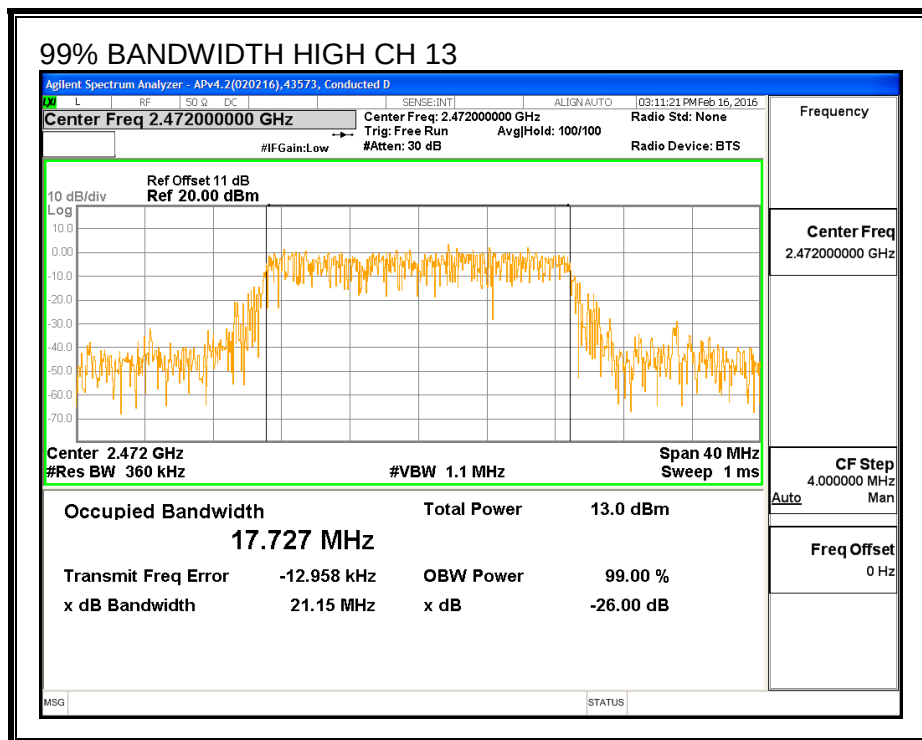
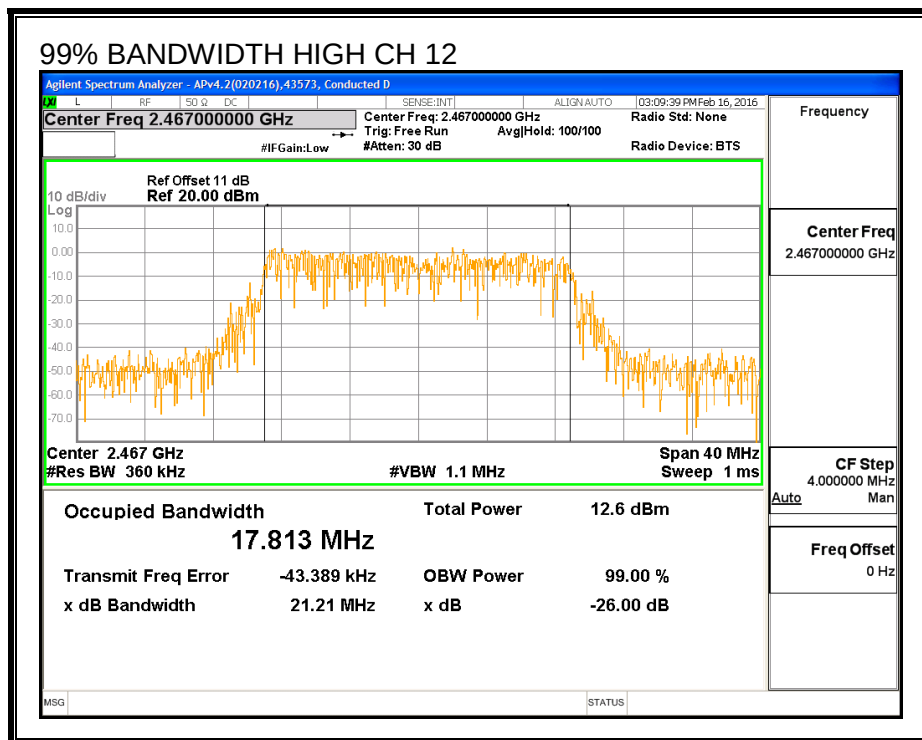
99% BANDWIDTH, Chain 0



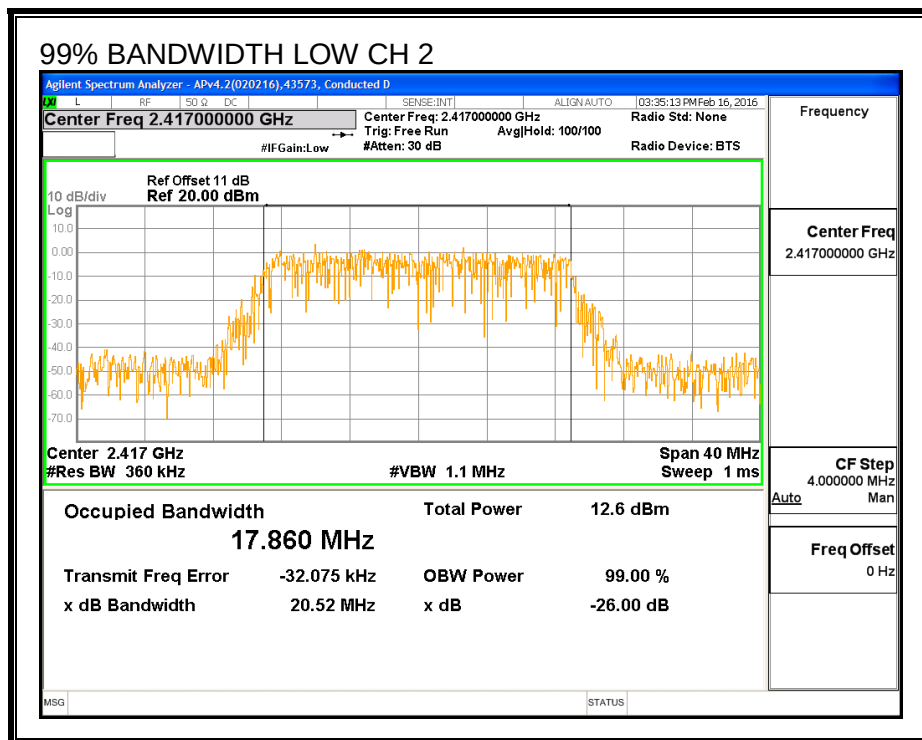
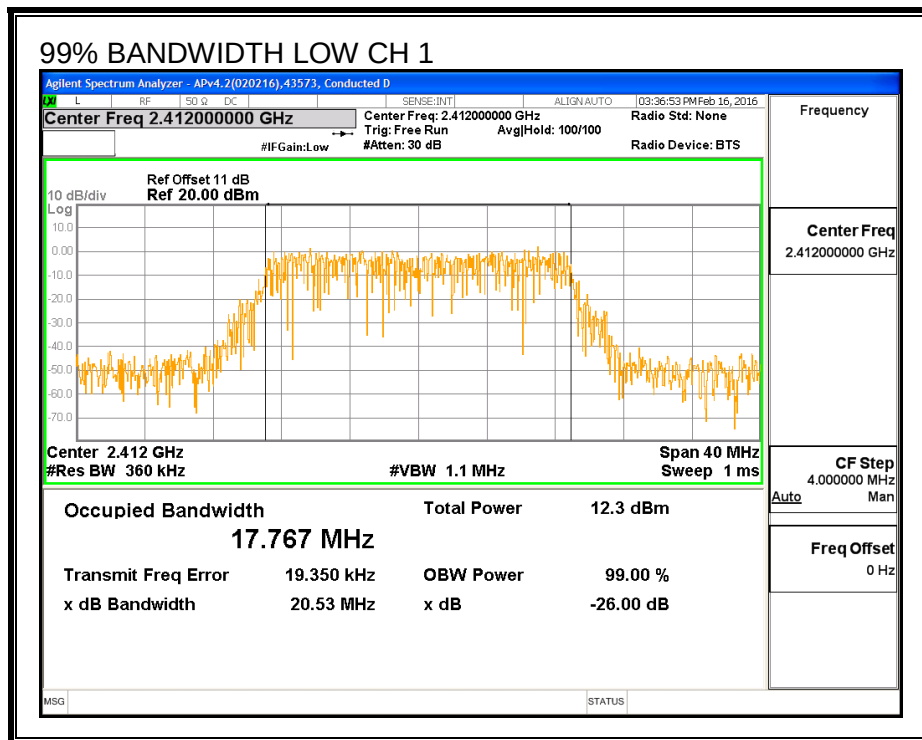


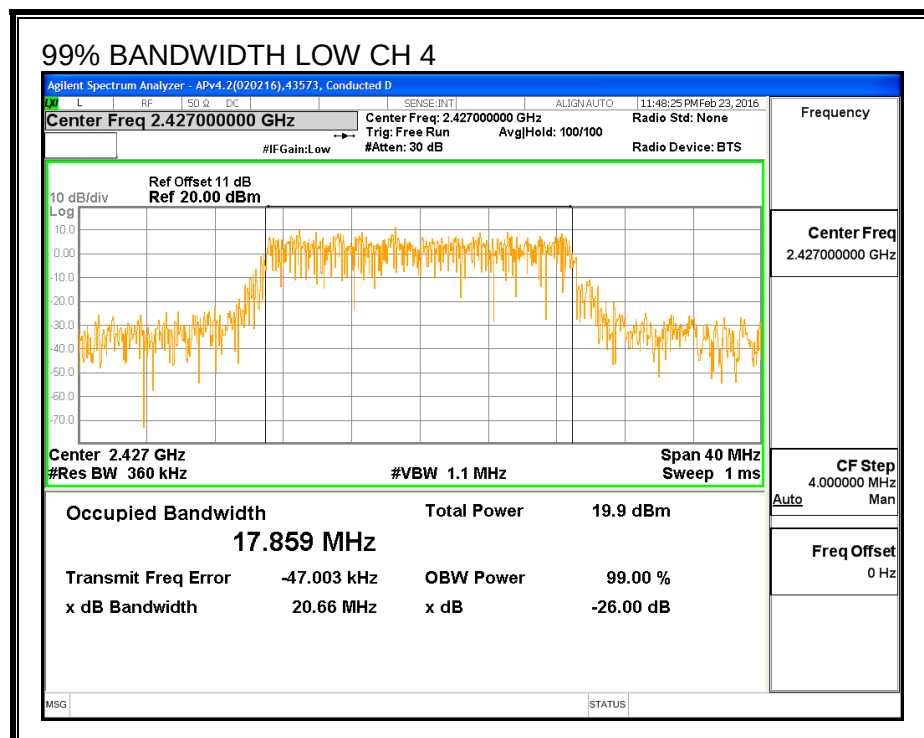
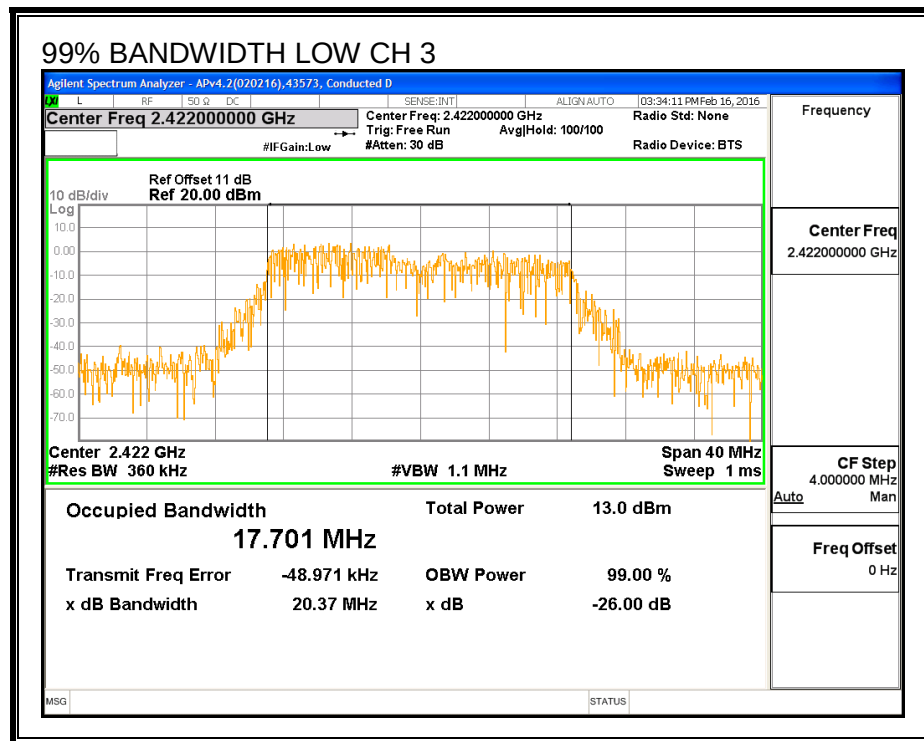


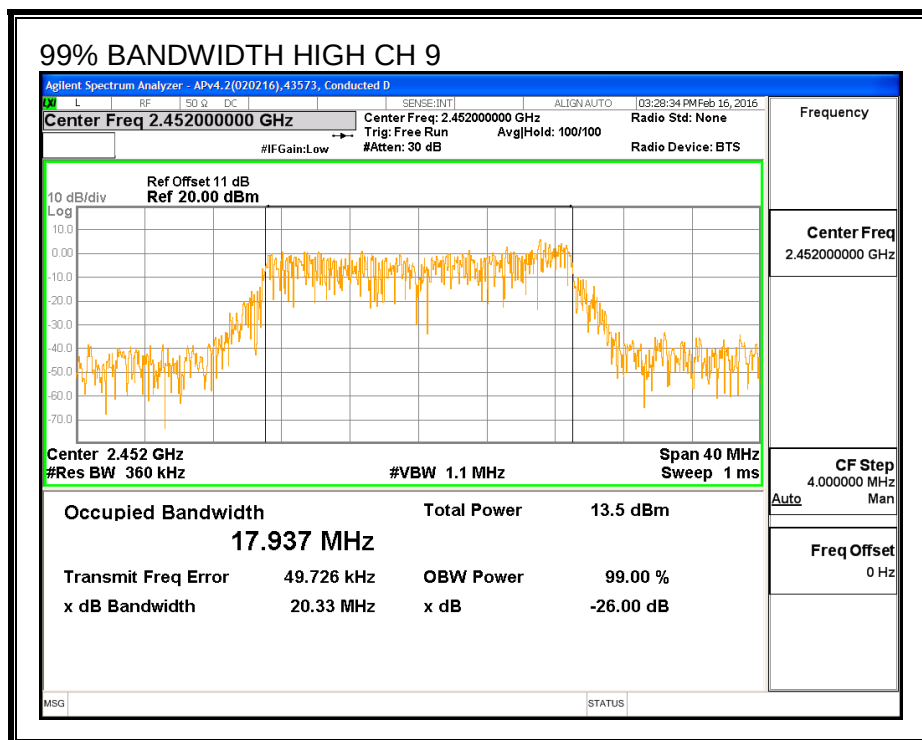
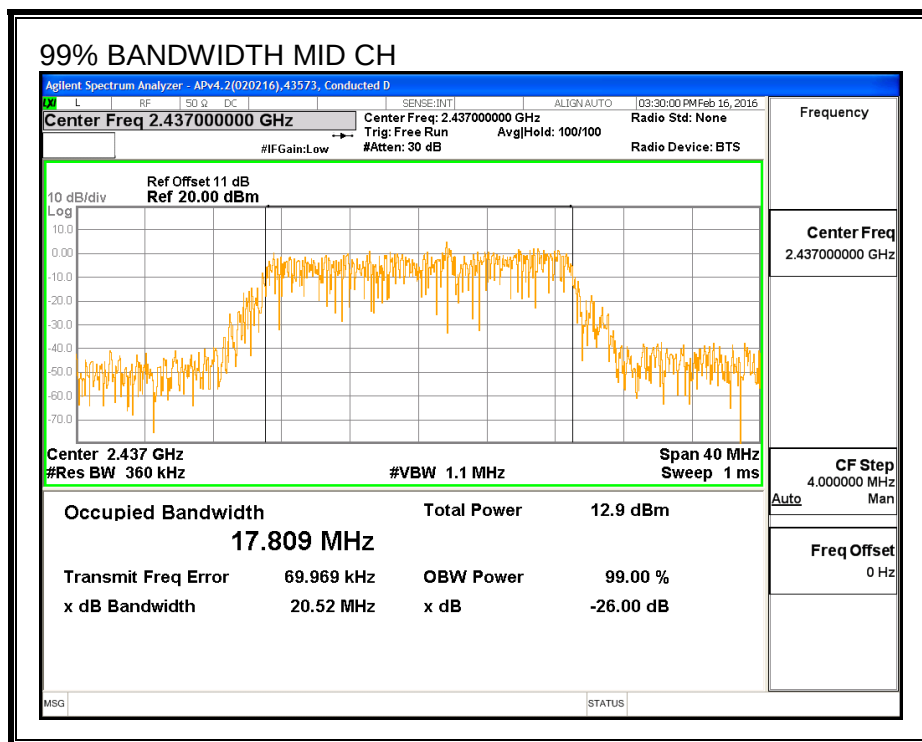


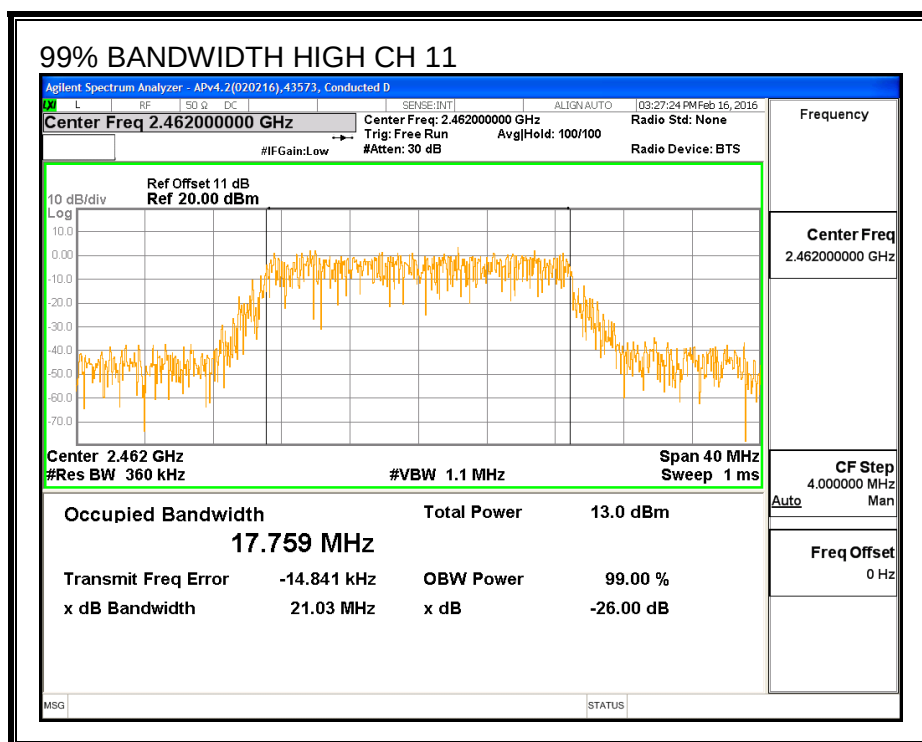
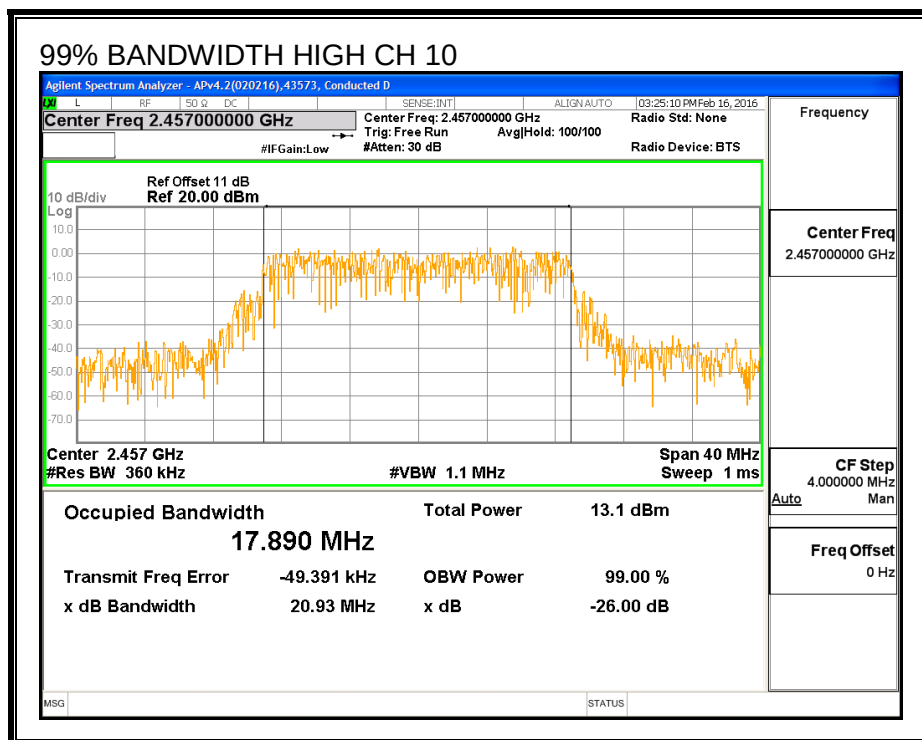


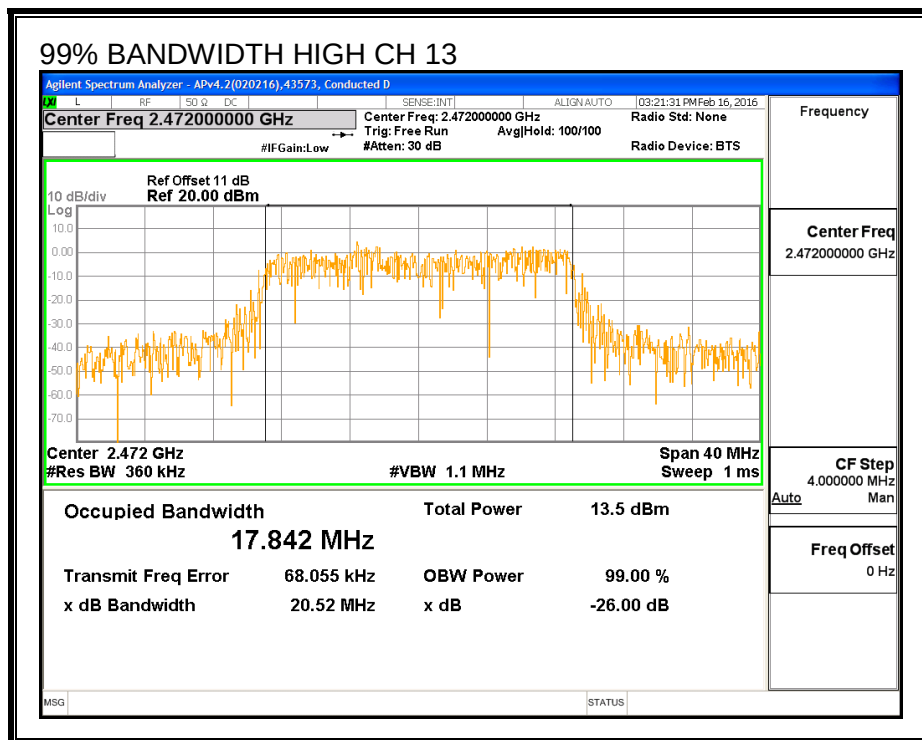
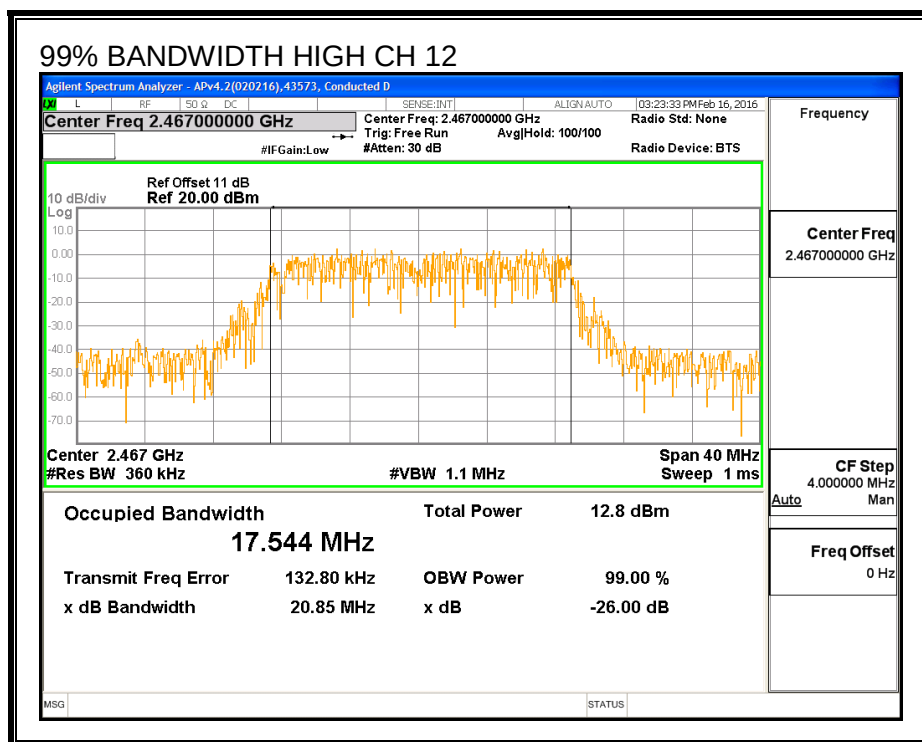
99% BANDWIDTH, Chain 1











8.10.3. 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.

TEST PROCEDURE

Measurements perform using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

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)
2.24	3.40	5.85

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	5.85	30.00	30	36	30.00
Low_2	2417	5.85	30.00	30	36	30.00
Low_3	2422	5.85	30.00	30	36	30.00
Low_4	2427	5.85	30.00	30	36	30.00
Mid_6	2437	5.85	30.00	30	36	30.00
High_9	2452	5.85	30.00	30	36	30.00
High_10	2457	5.85	30.00	30	36	30.00
High_11	2462	5.85	30.00	30	36	30.00
High_12	2467	5.85	30.00	30	36	30.00
High_13	2472	5.85	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	12.93	12.98	15.97	30.00	-14.03
Low_2	2417	15.91	15.93	18.93	30.00	-11.07
Low_3	2422	16.40	16.46	19.44	30.00	-10.56
Low_4	2427	18.80	18.72	21.77	30.00	-8.23
Mid_6	2437	18.89	18.96	21.94	30.00	-8.06
High_9	2452	18.80	18.84	21.83	30.00	-8.17
High_10	2457	16.84	16.91	19.89	30.00	-10.11
High_11	2462	11.88	11.89	14.90	30.00	-15.10
High_12	2467	8.83	8.88	11.87	30.00	-18.13
High_13	2472	-0.03	-0.02	2.99	30.00	-27.01

8.10.4. 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.

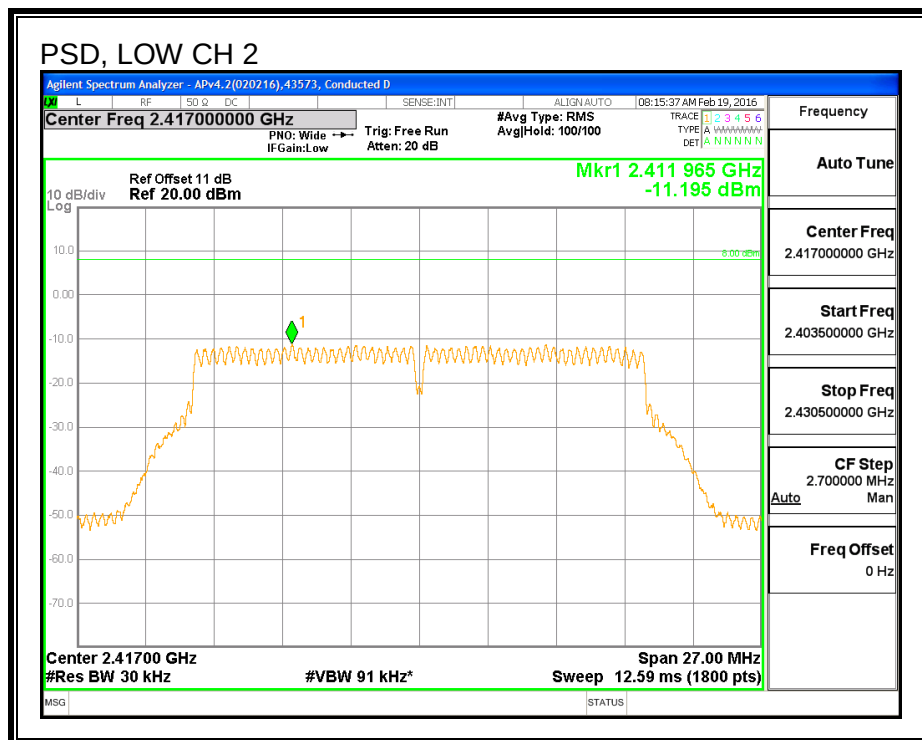
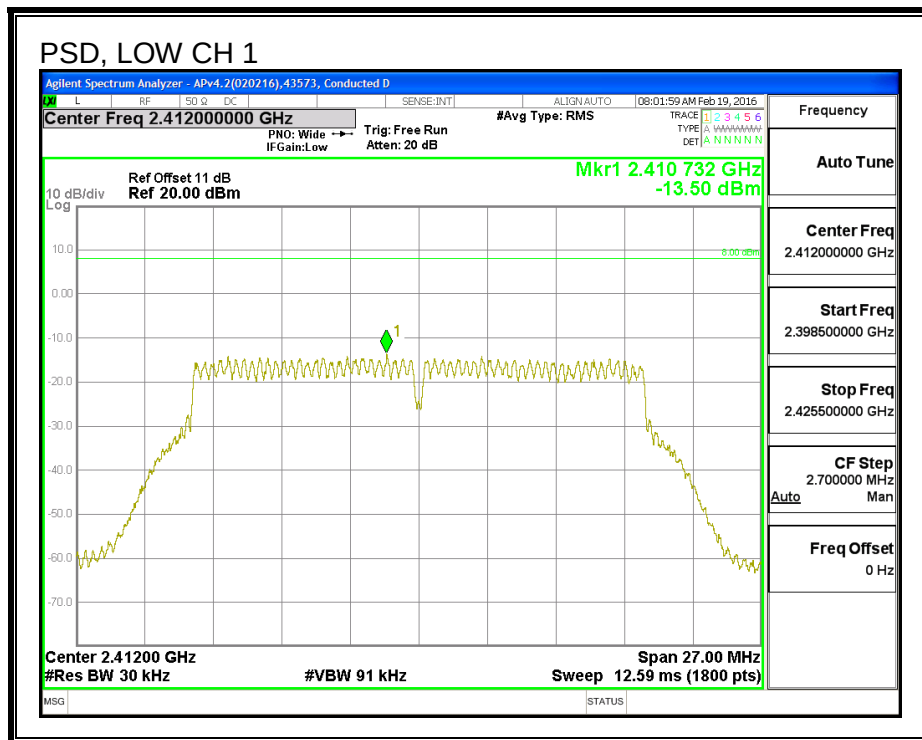
RESULTS

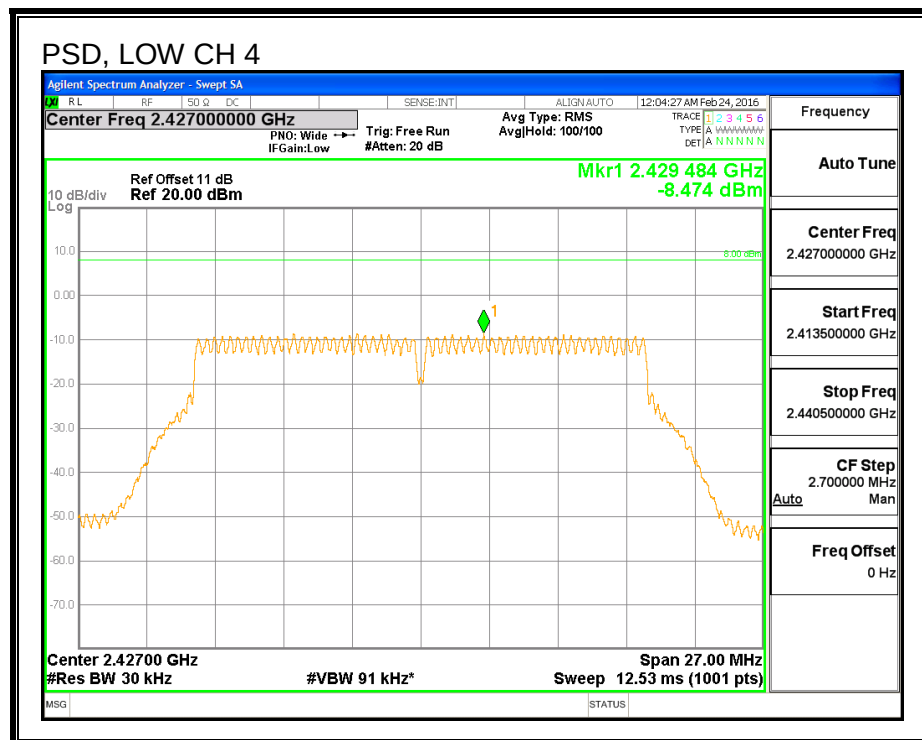
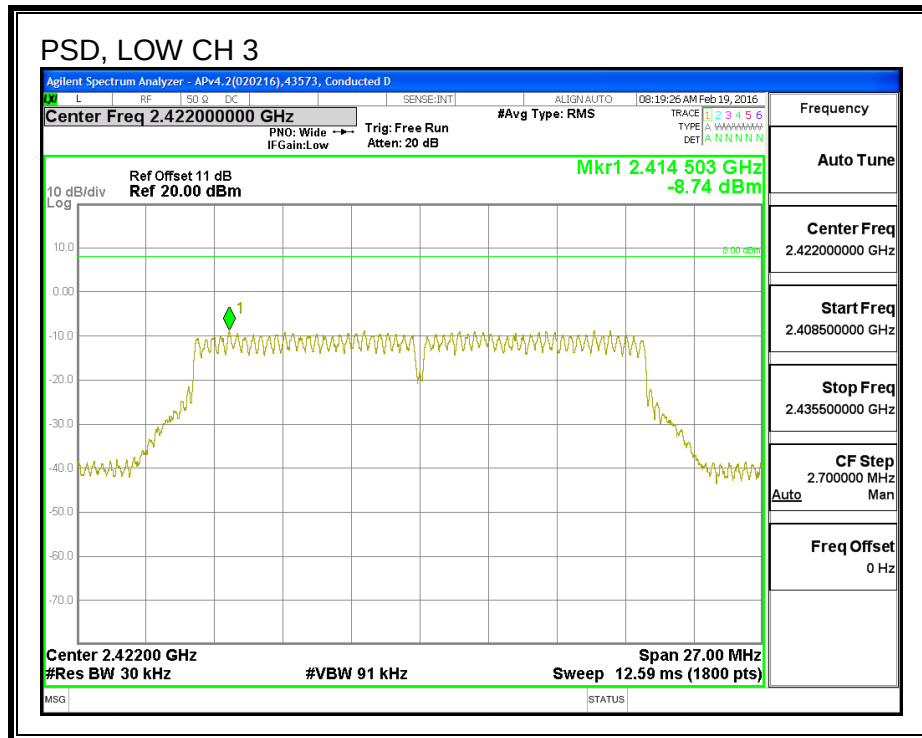
Duty Cycle CF (dB)	0.66	Included in Calculations of Corr'd PSD
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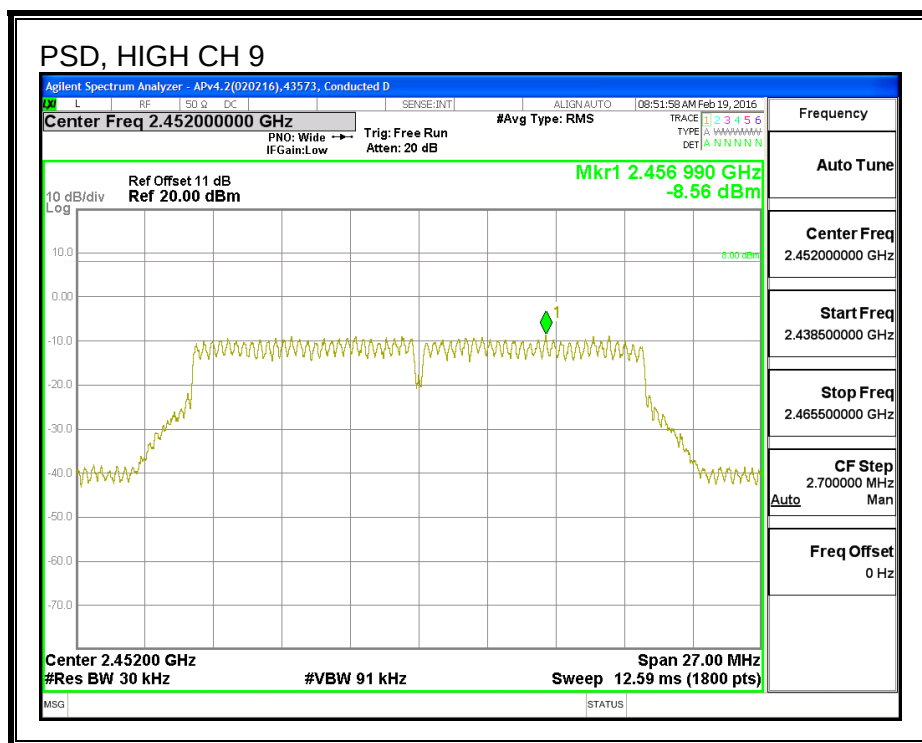
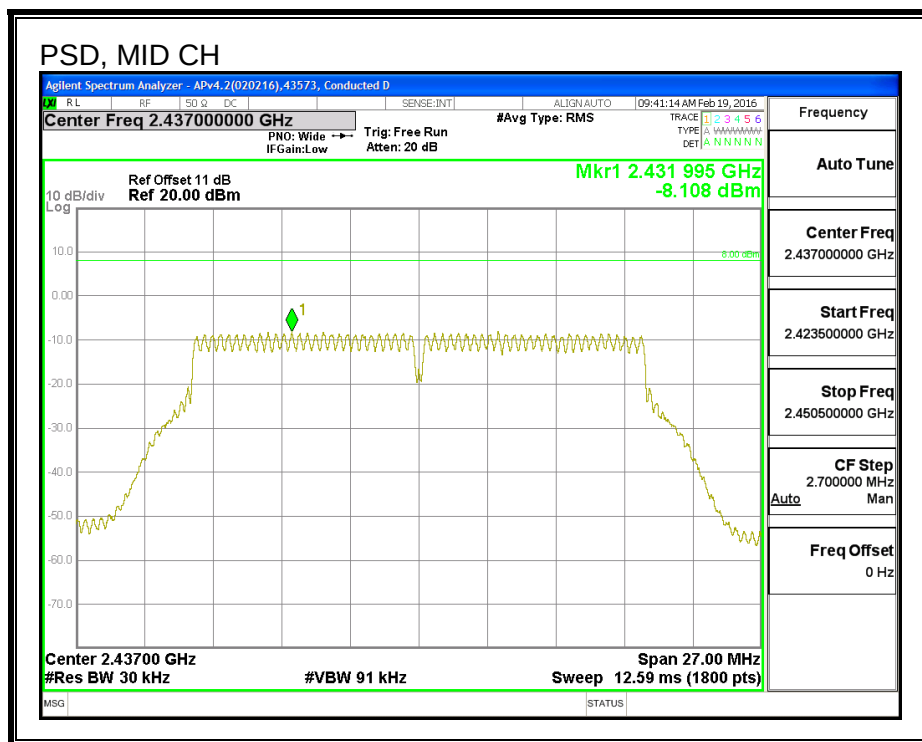
PSD Results

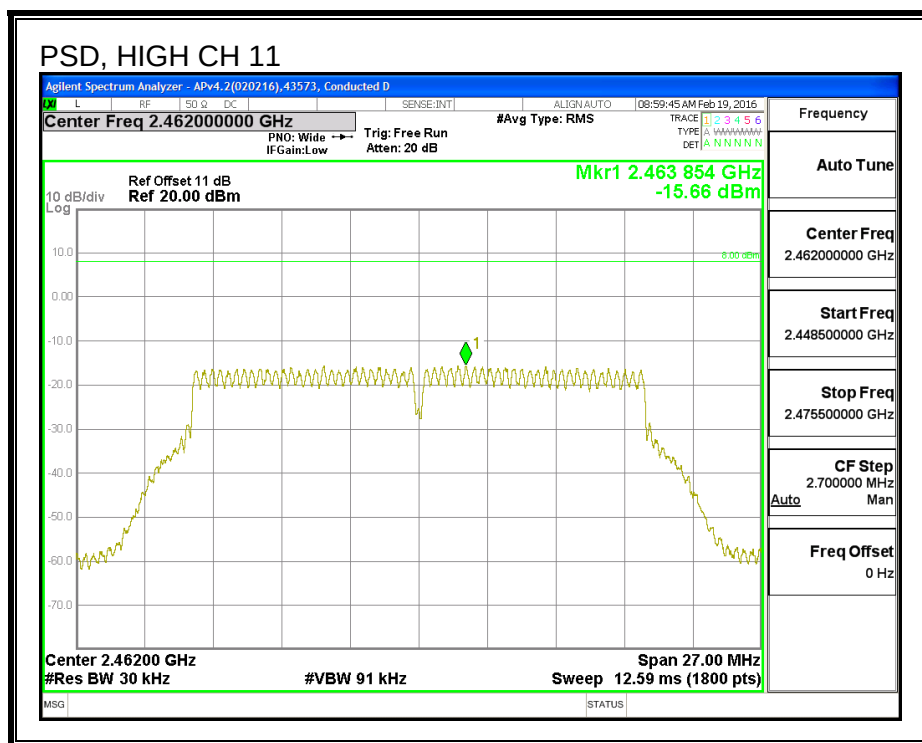
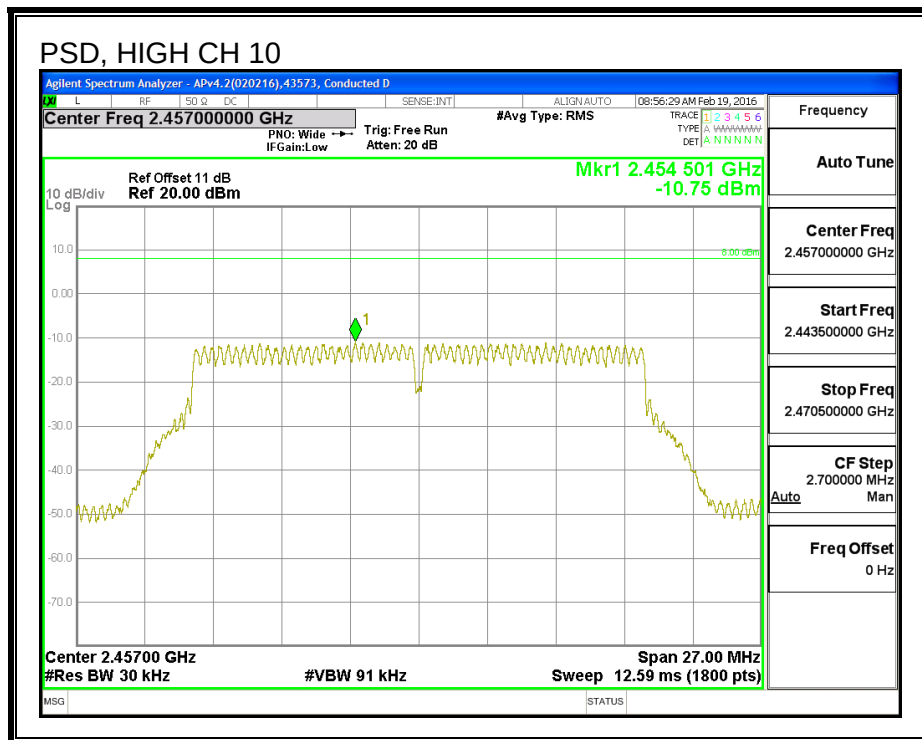
Channel	Frequency (MHz)	Chain 0 Meas (dBm)	Chain 1 Meas (dBm)	Total Corr'd PSD (dBm)	Limit (dBm)	Margin (dB)
Low_1	2412	-13.50	-14.13	-10.13	8.0	-18.1
Low_2	2417	-11.20	-10.72	-7.28	8.0	-15.3
Low_3	2422	-8.74	-8.19	-4.79	8.0	-12.8
Low_4	2427	-8.47	-8.64	-4.89	8.0	-12.9
Mid_6	2437	-8.11	-8.23	-4.50	8.0	-12.5
High_9	2452	-8.56	-8.59	-4.91	8.0	-12.9
High_10	2457	-10.75	-10.26	-6.83	8.0	-14.8
High_11	2462	-15.66	-15.60	-11.96	8.0	-20.0
High_12	2467	-18.83	-18.78	-15.13	8.0	-23.1
High_13	2472	-24.20	-24.50	-20.68	8.0	-28.7

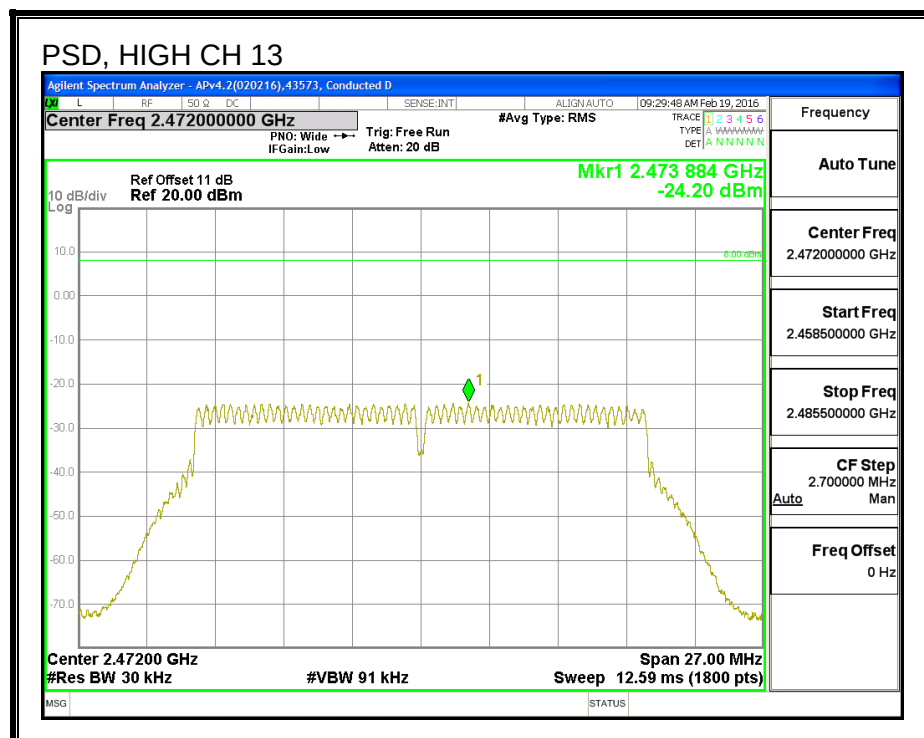
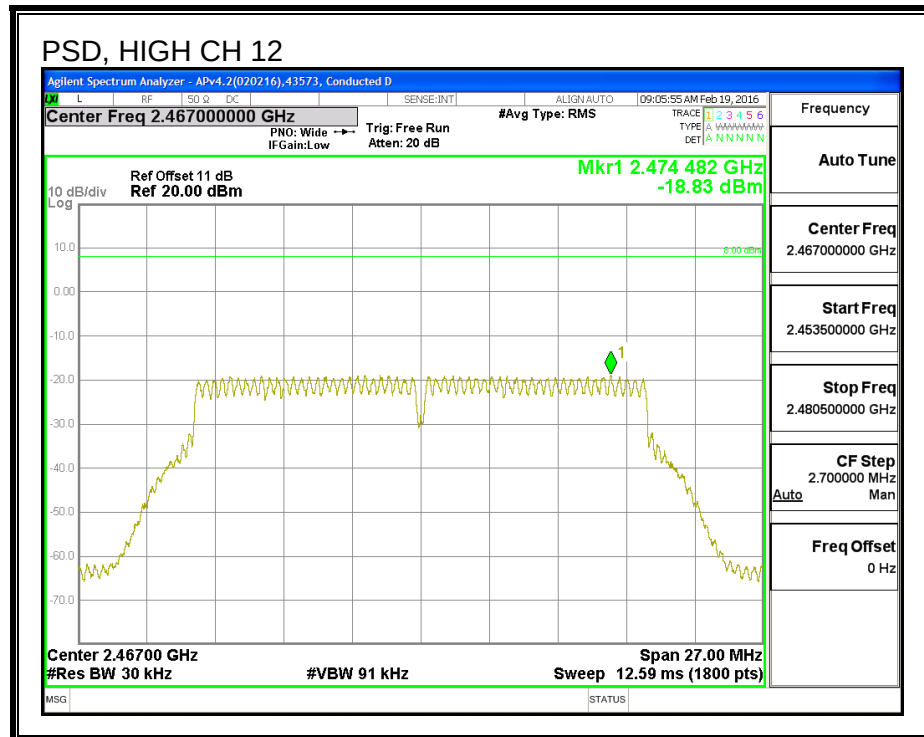
PSD, Chain 0



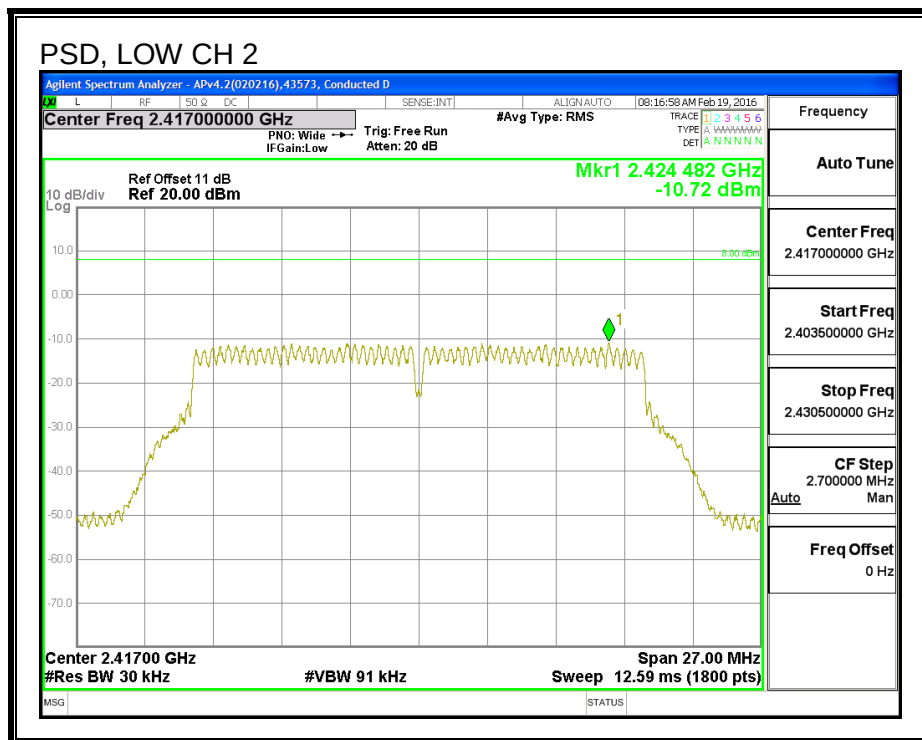
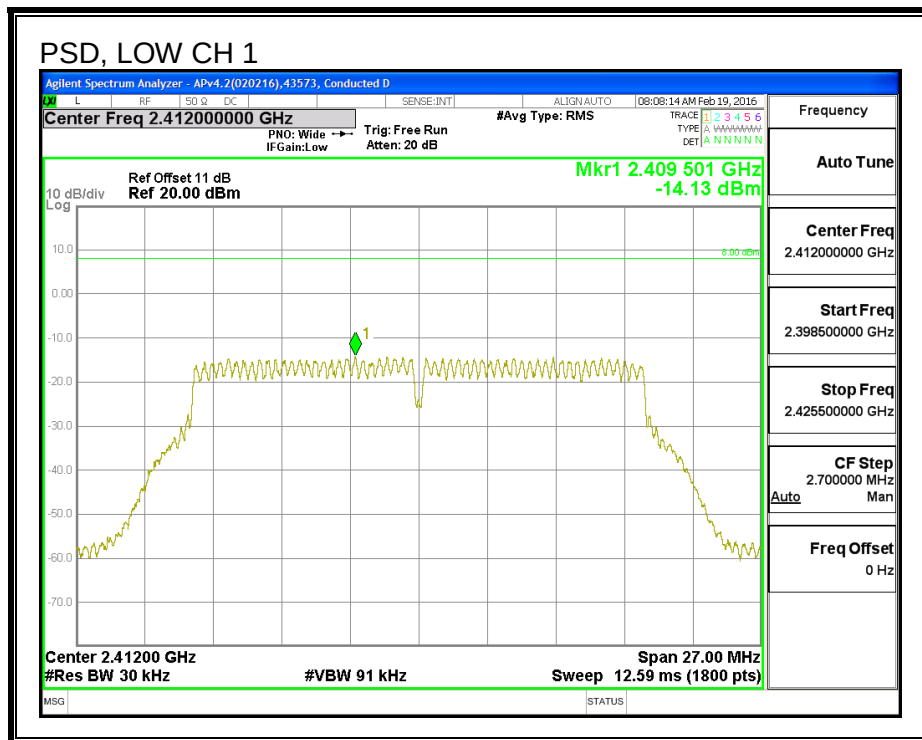


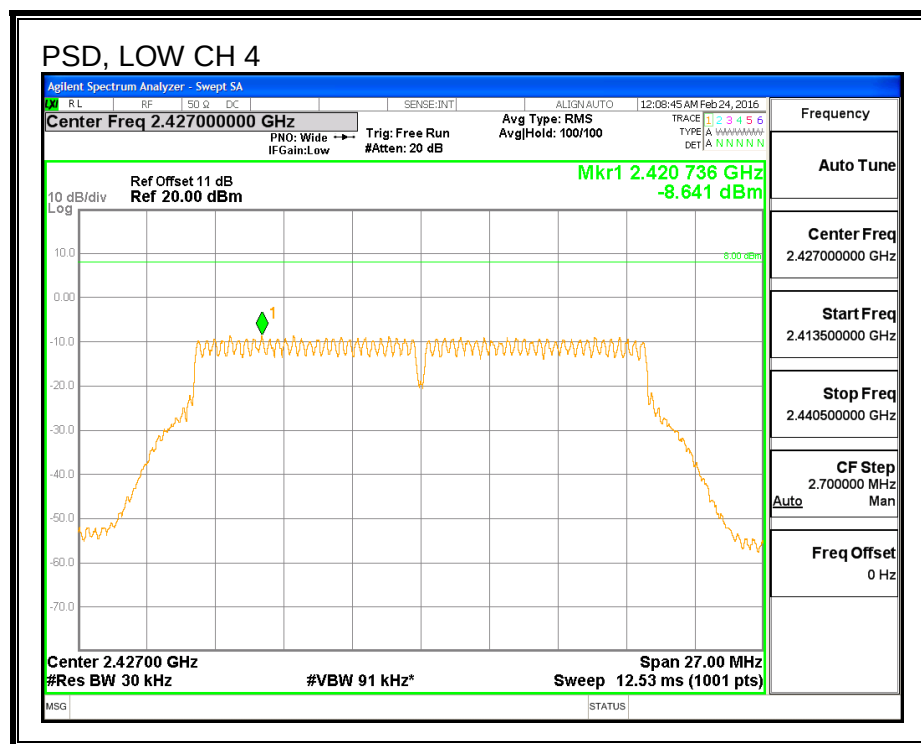
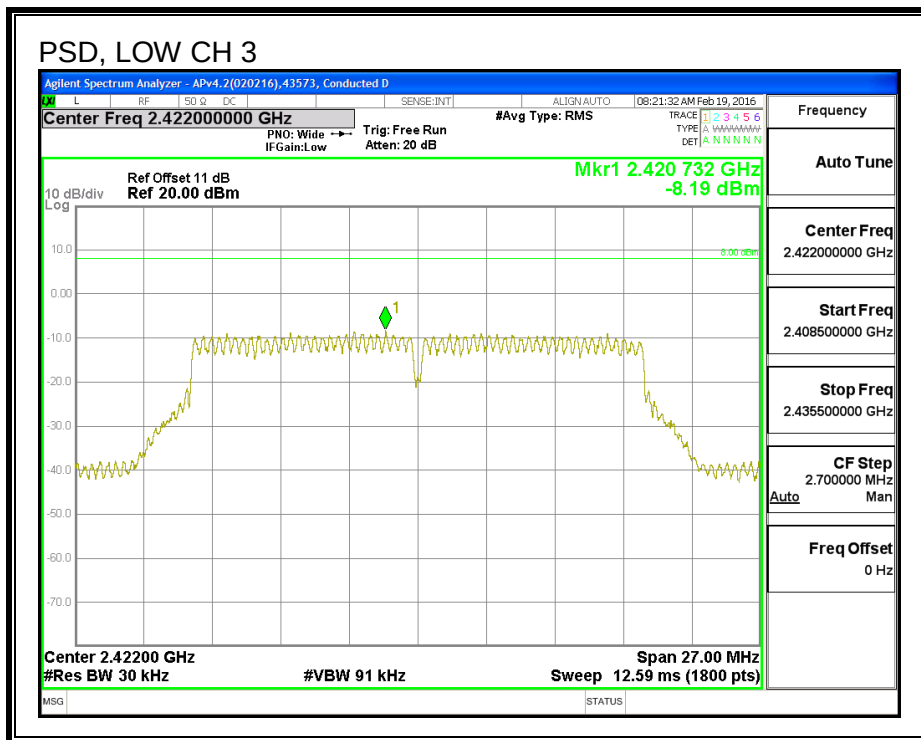


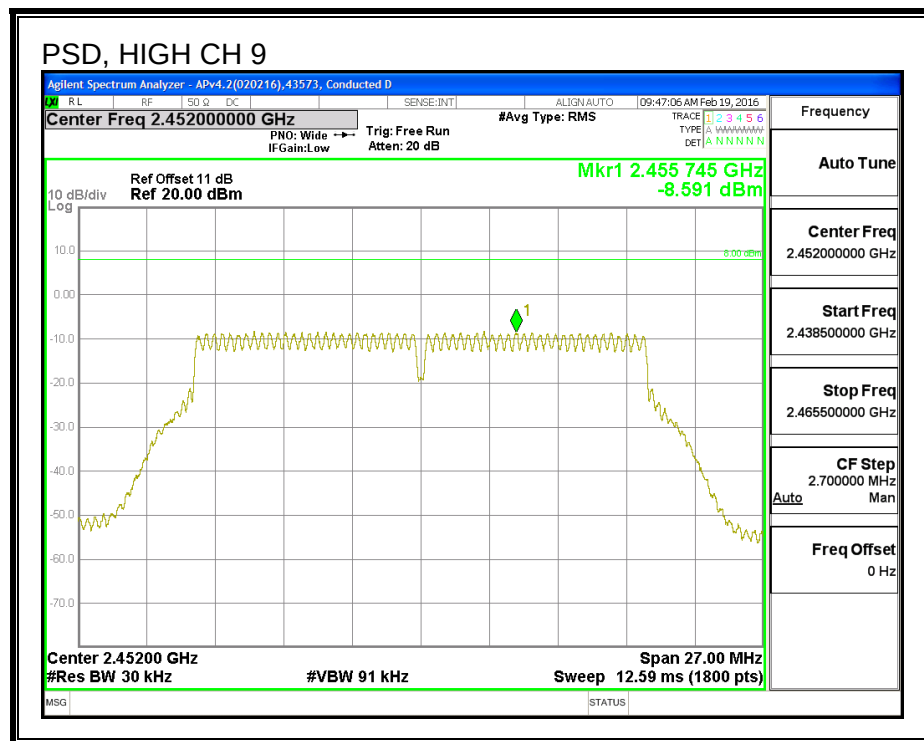
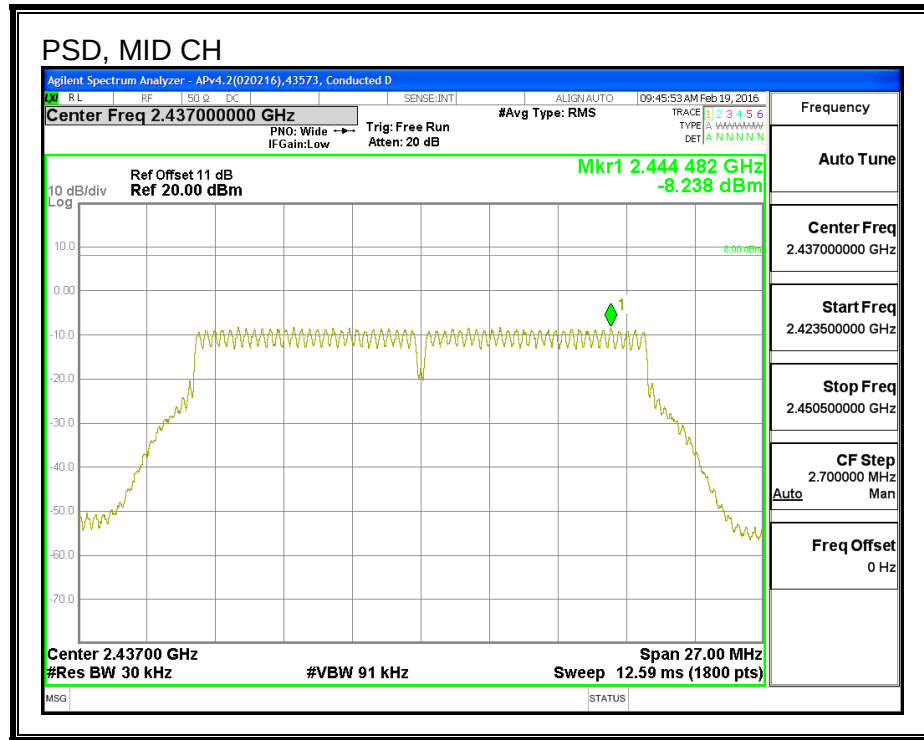


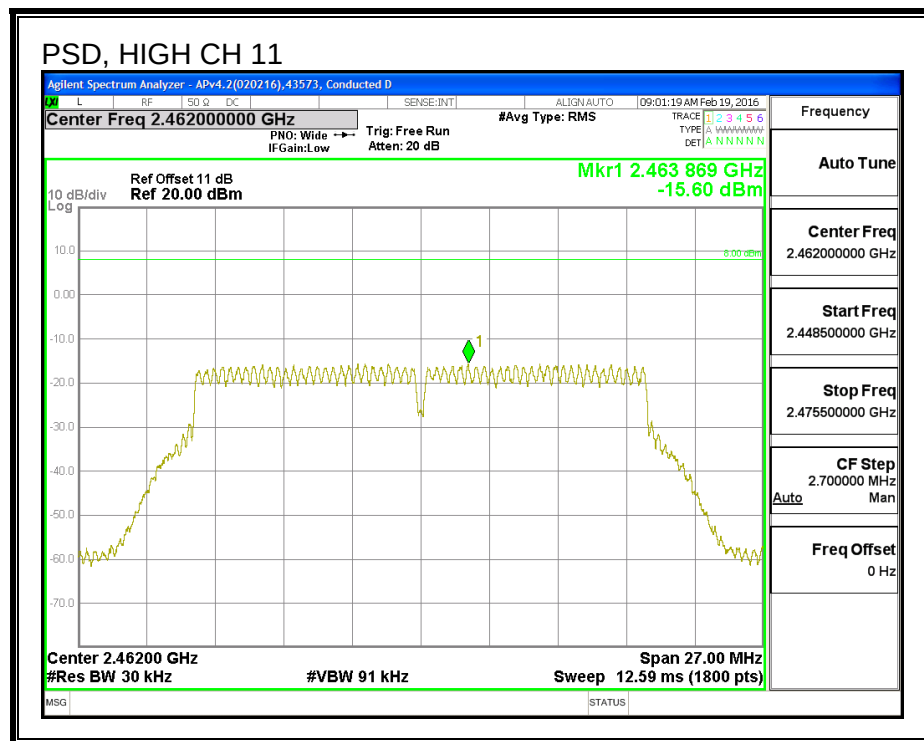
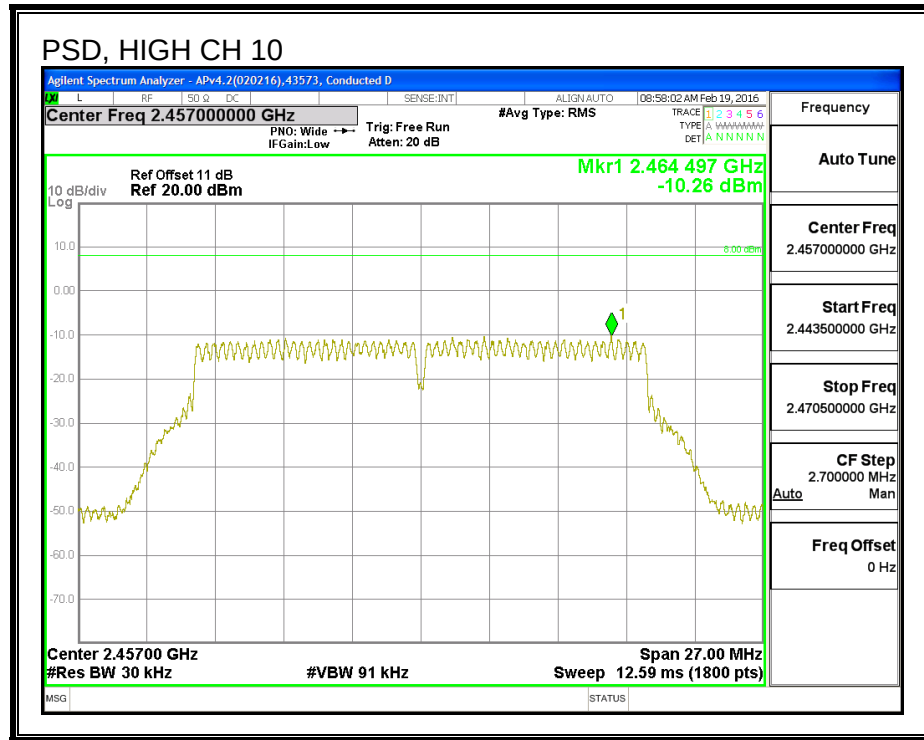


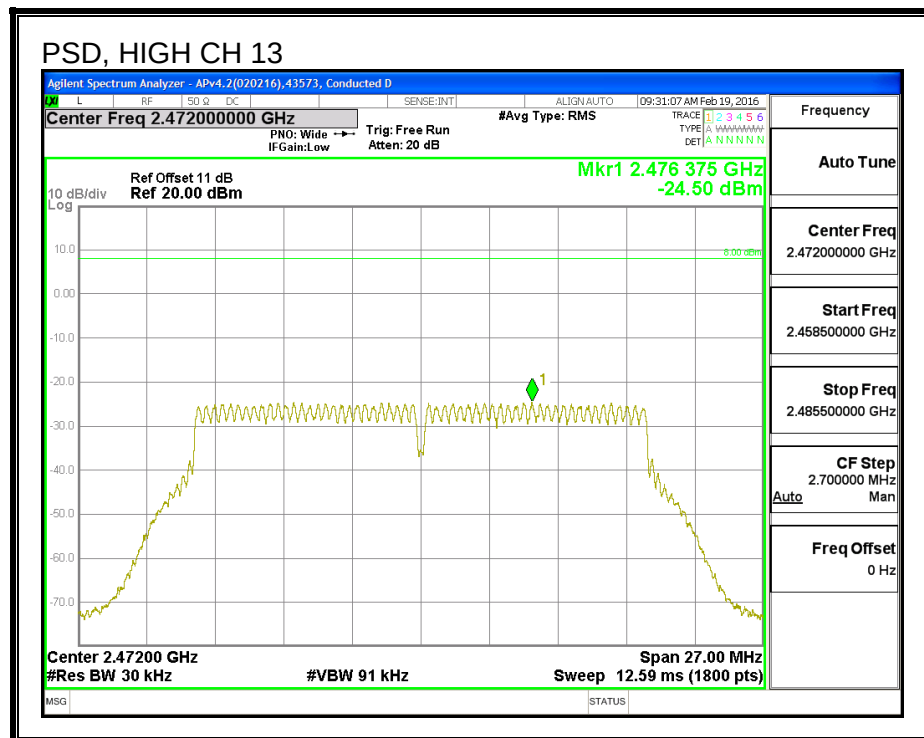
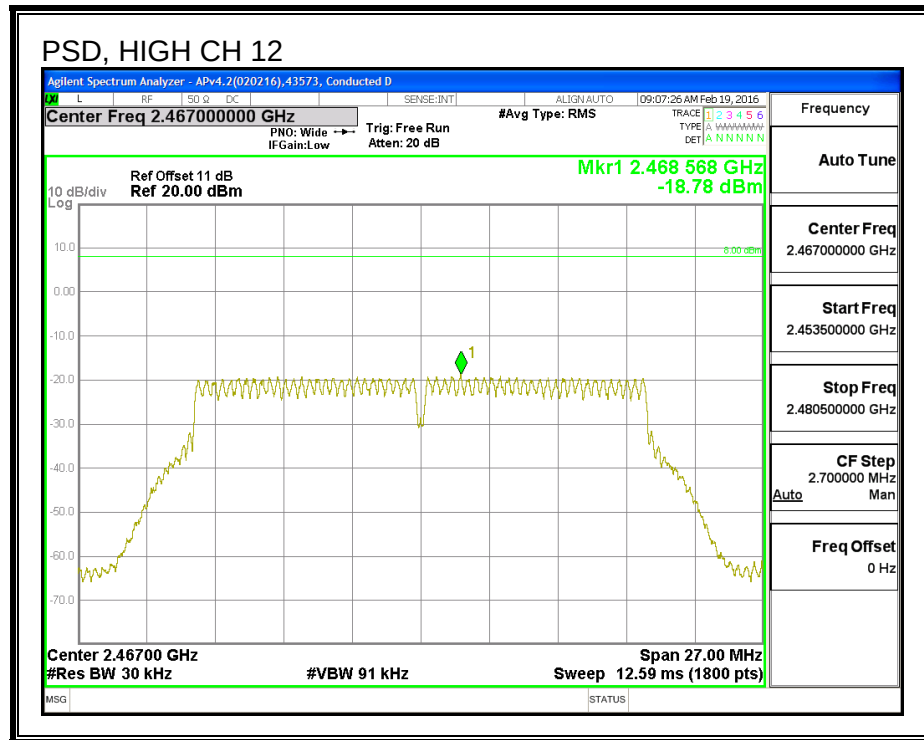
PSD, Chain 1











8.10.5. OUT-OF-BAND EMISSIONS

LIMITS

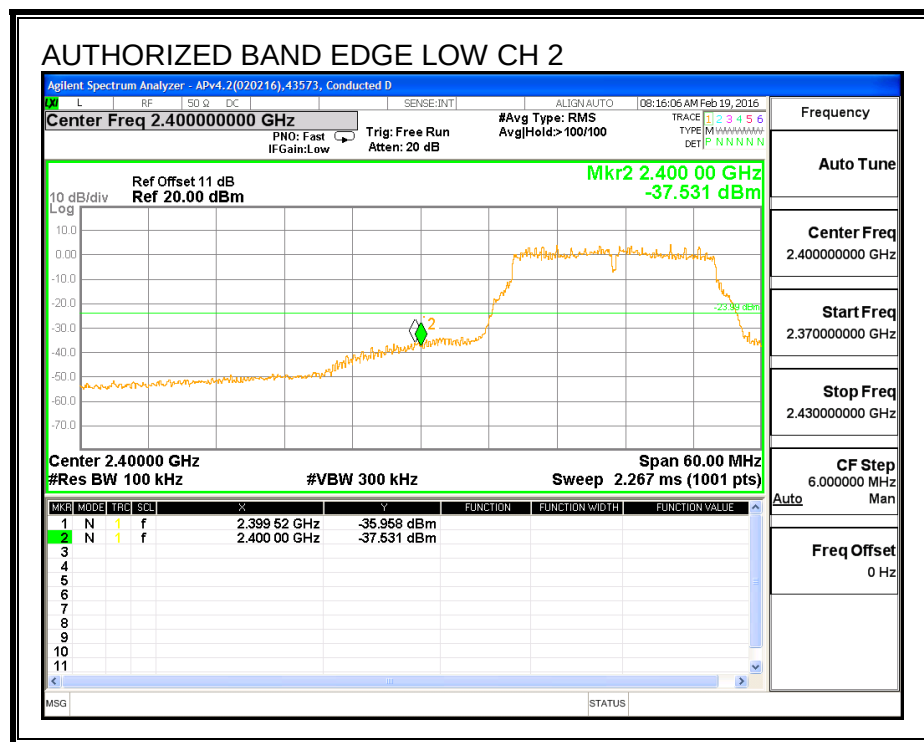
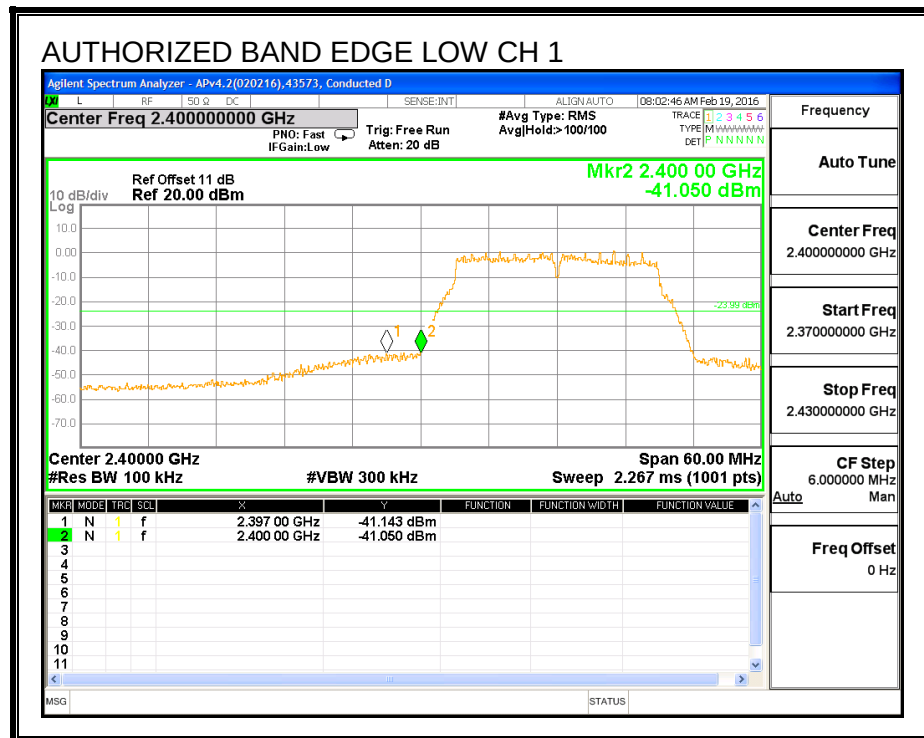
FCC §15.247 (d)

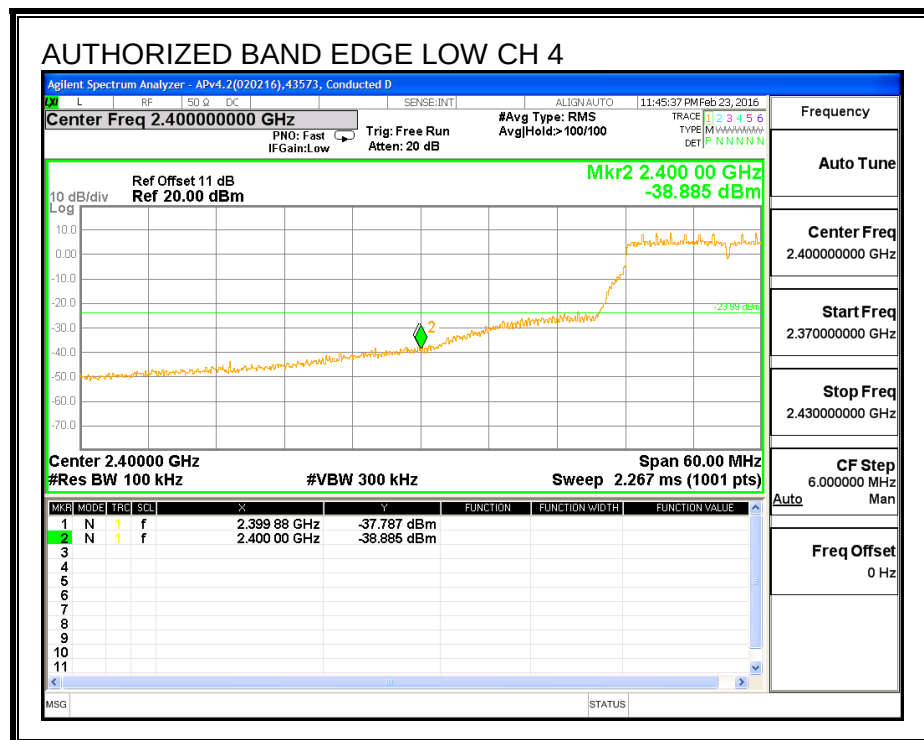
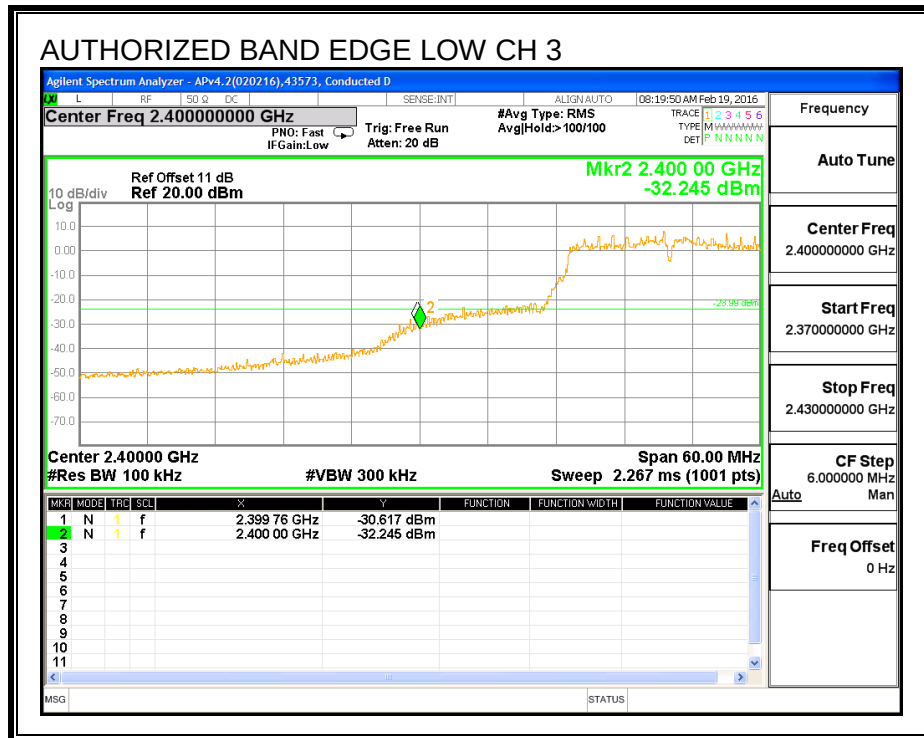
IC RSS-247 (5.5)

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.

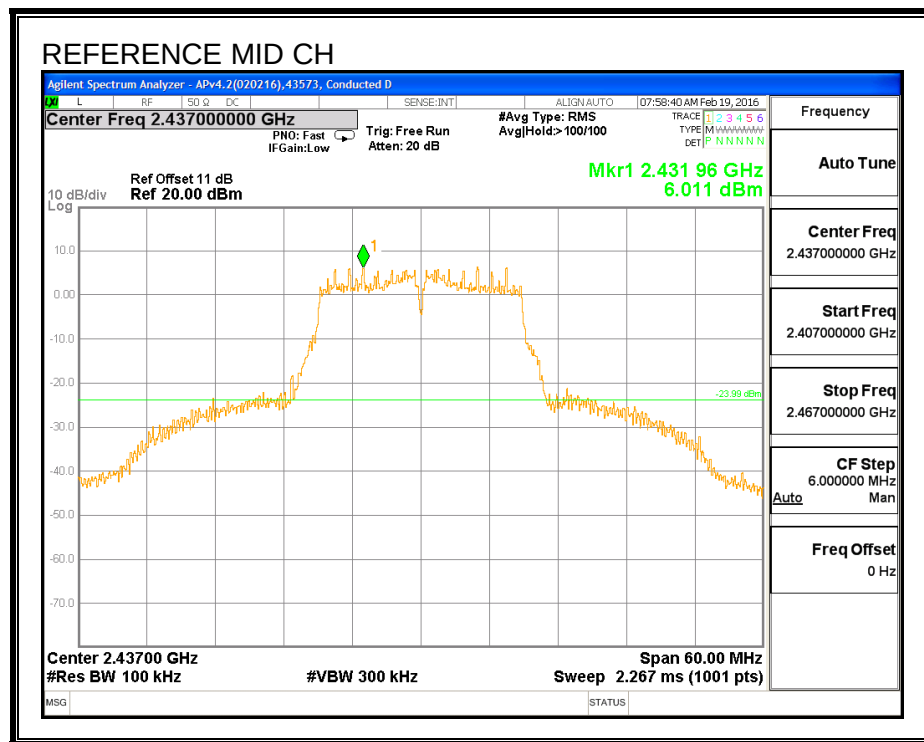
RESULTS

LOW CHANNEL BANDEDGE, Chain 0

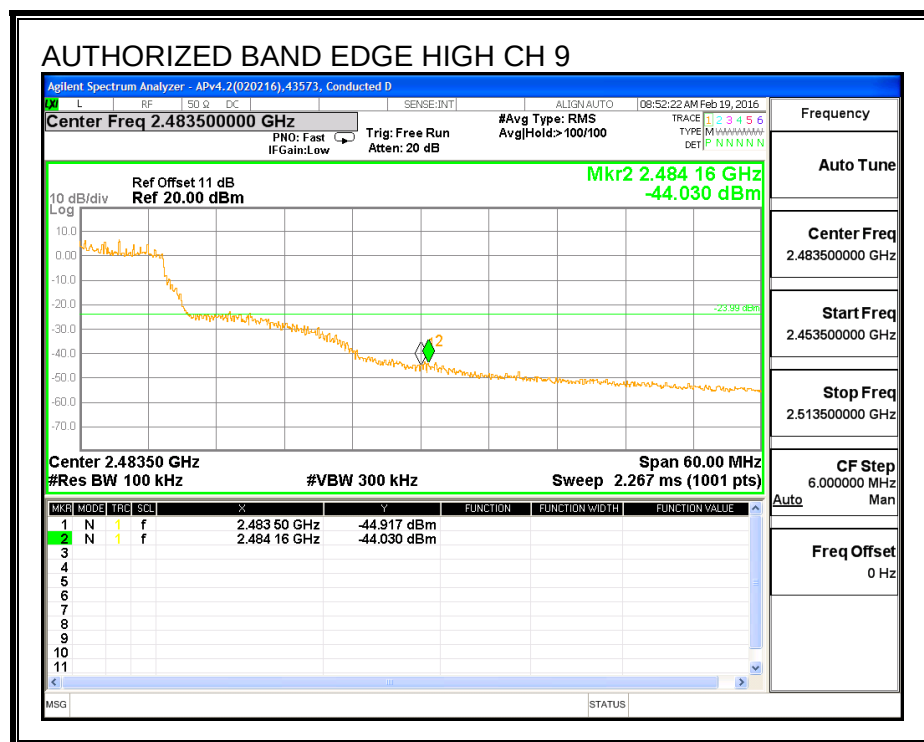


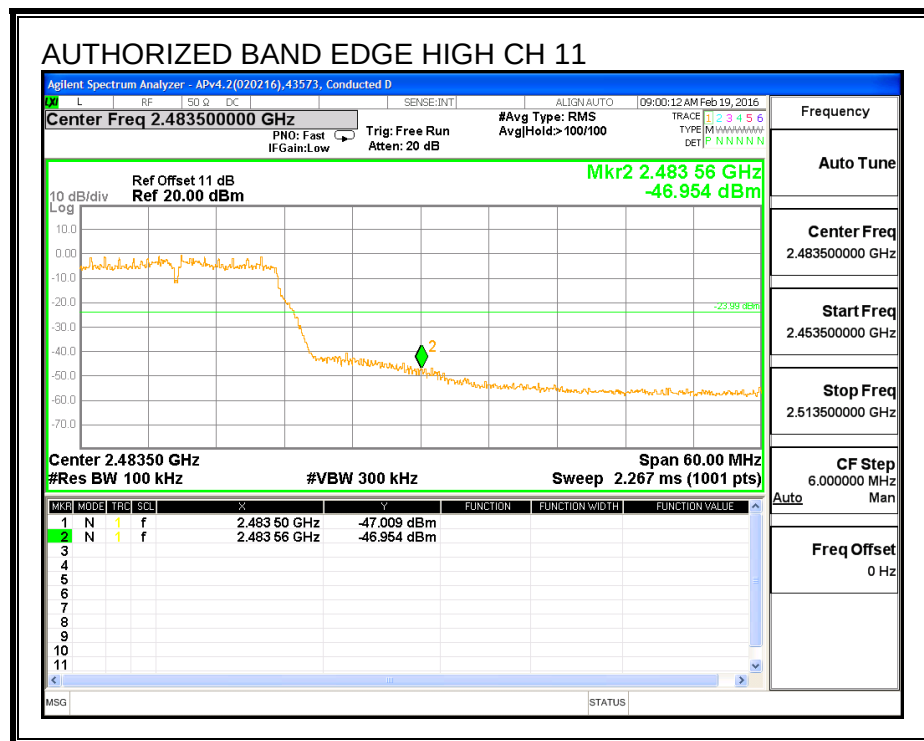
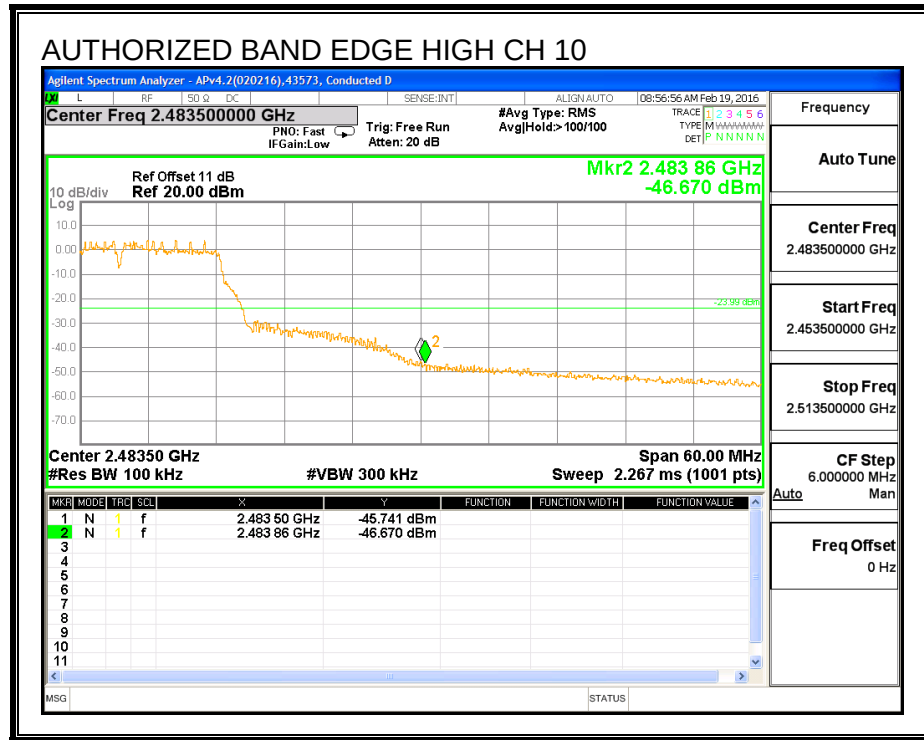


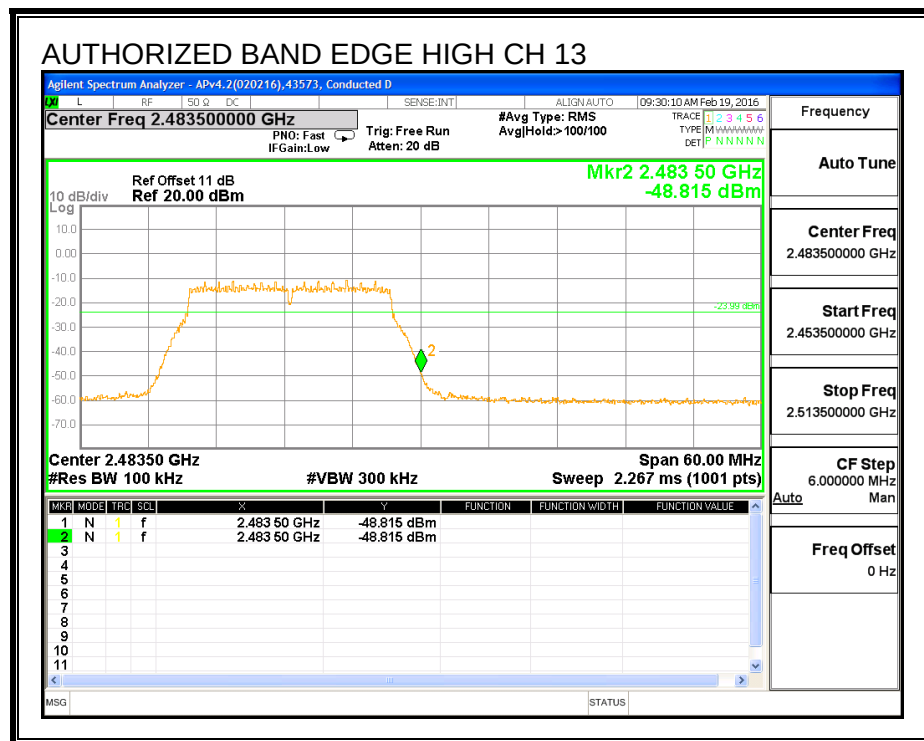
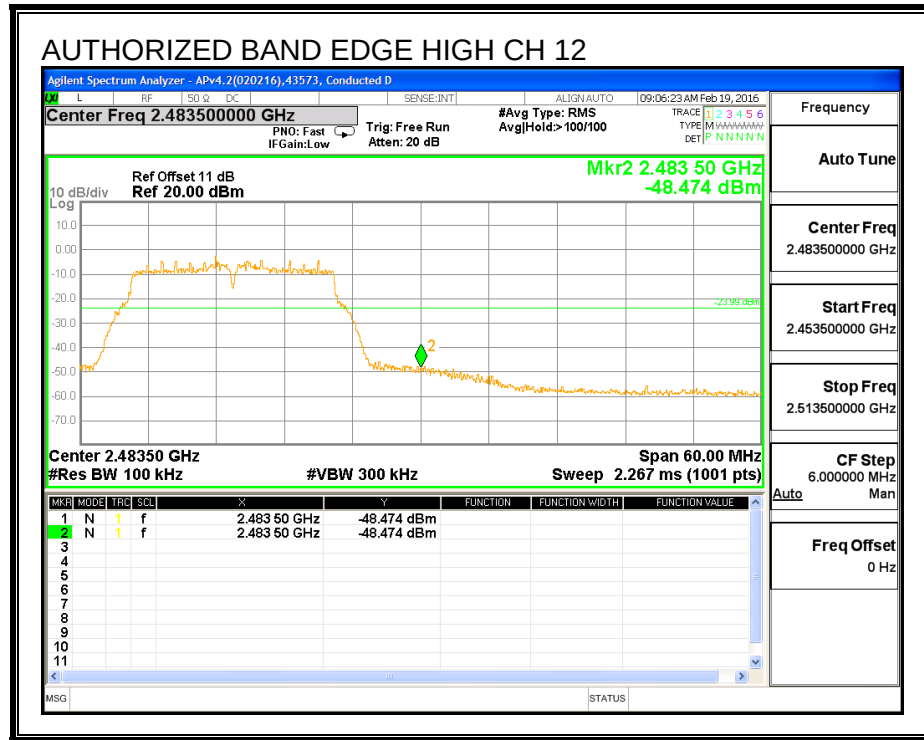
MID CHANNEL REFERENCE, Chain 0



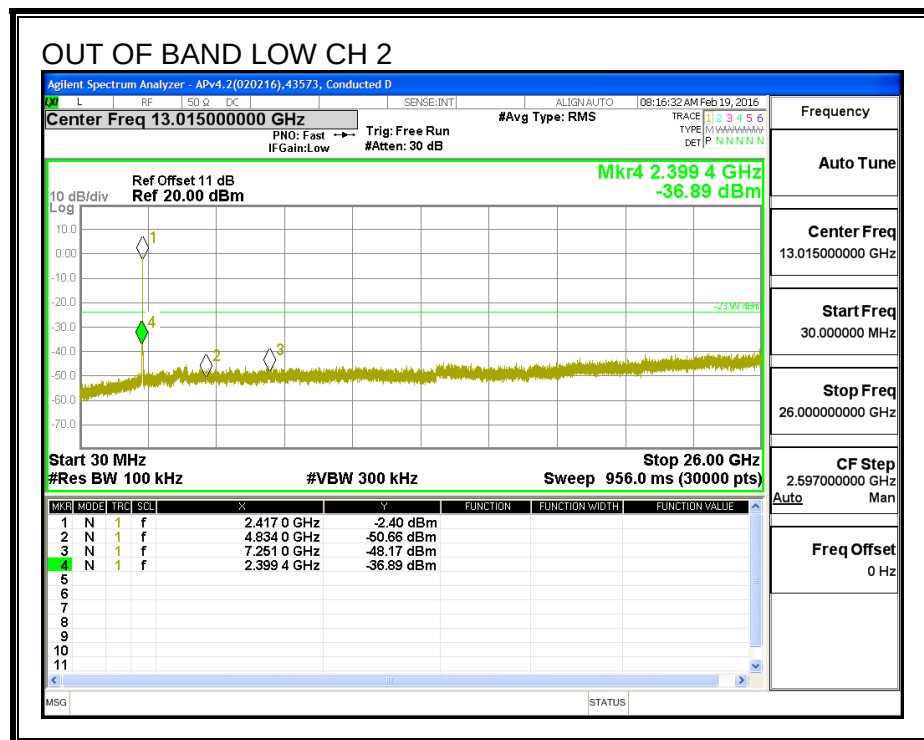
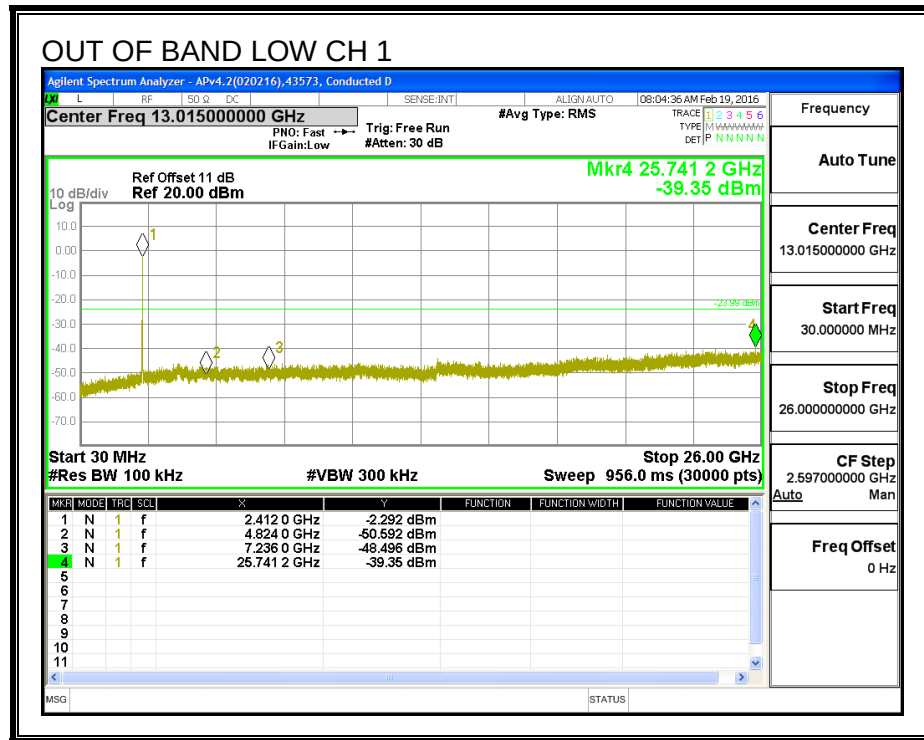
HIGH CHANNEL BANDEDGE, Chain 0

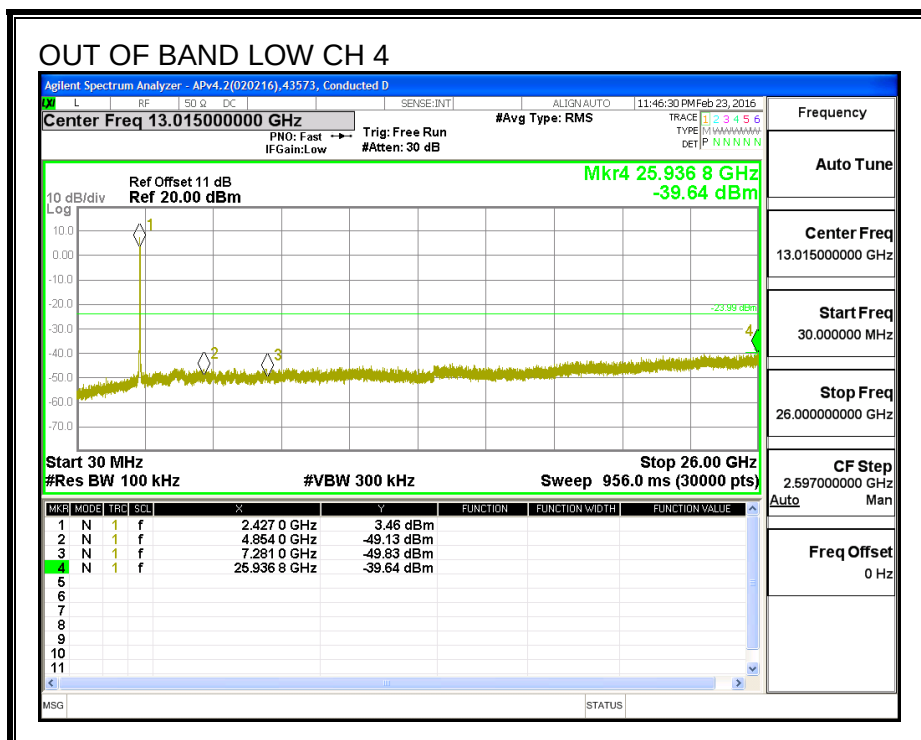
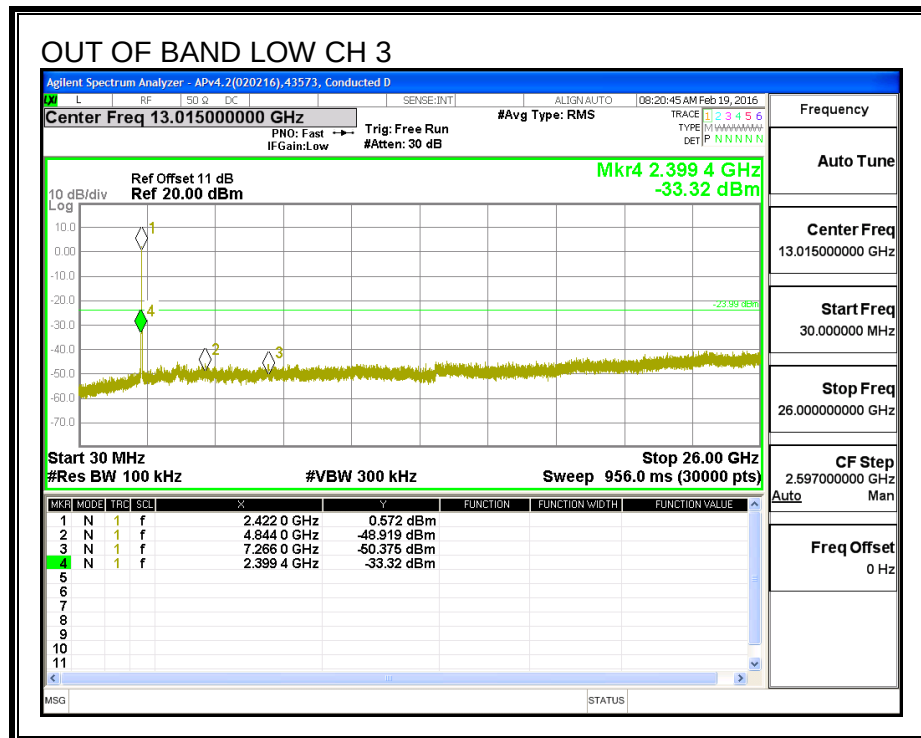


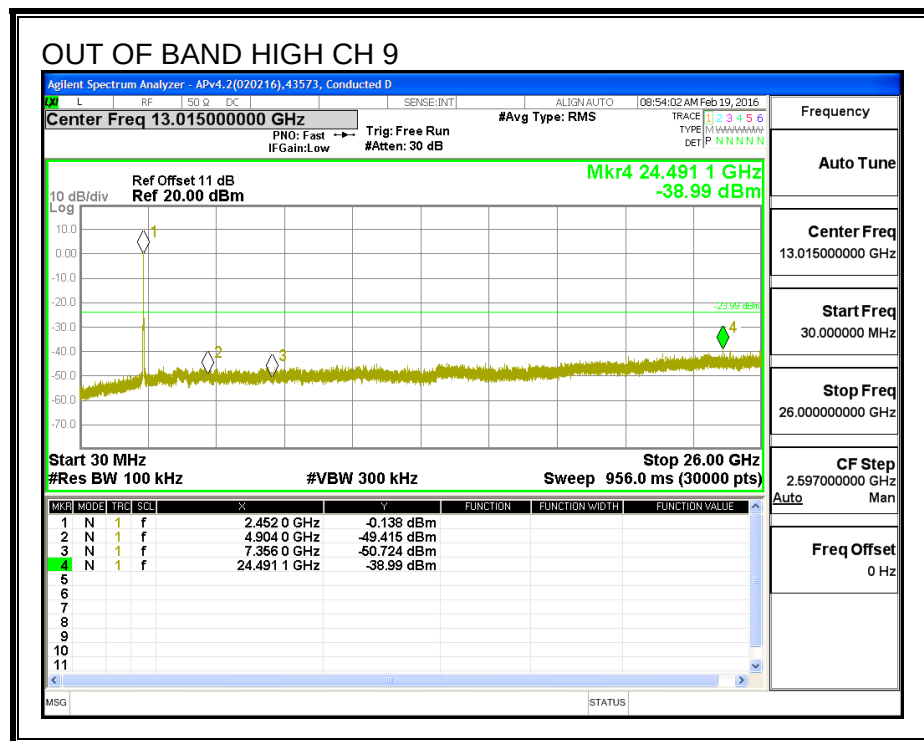
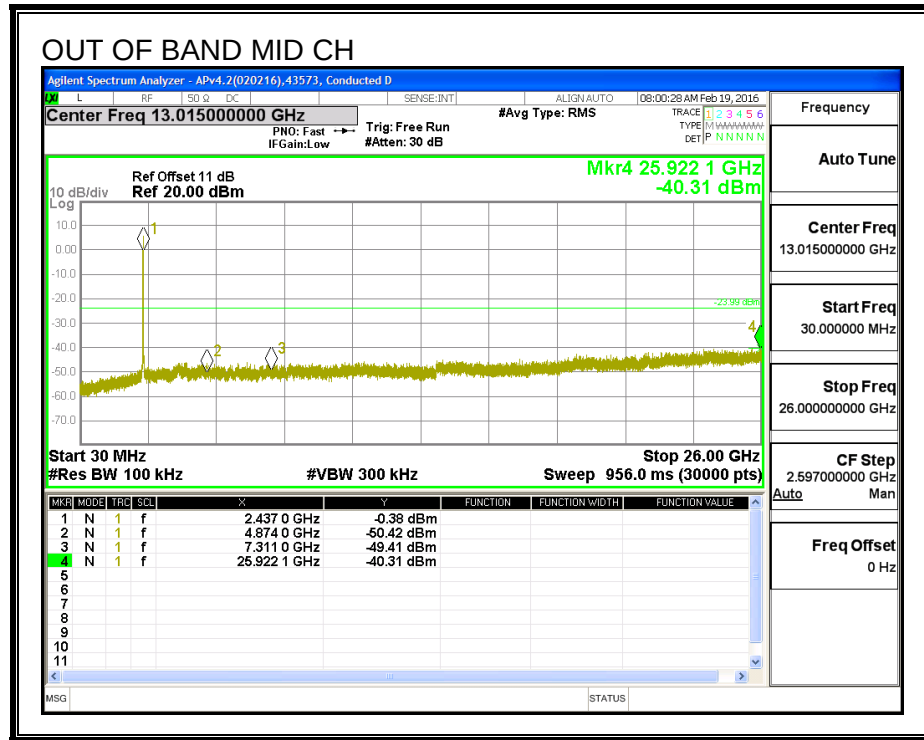


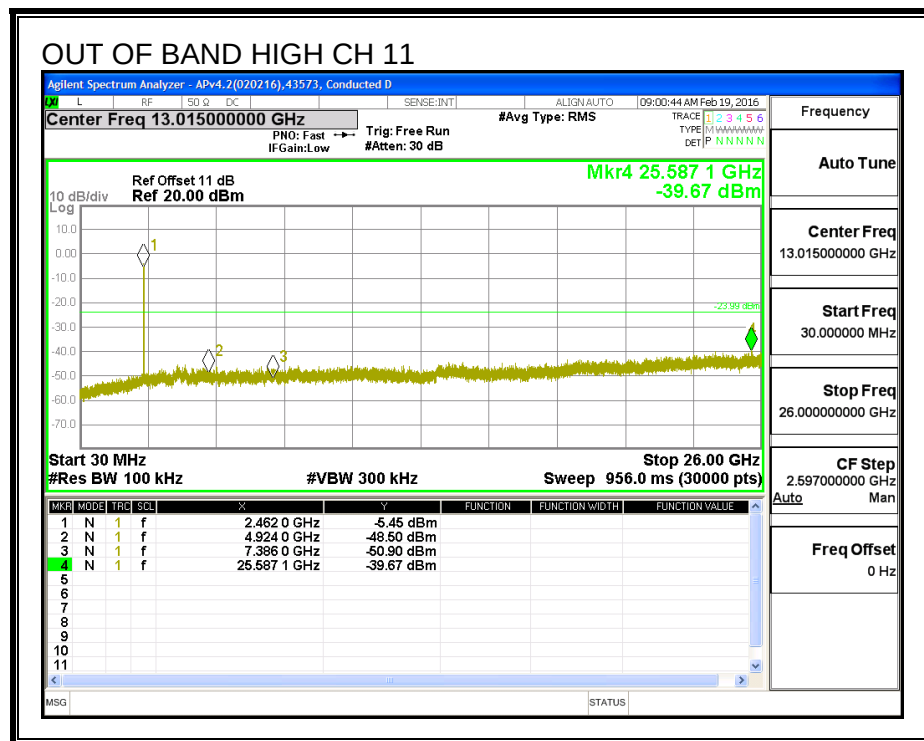
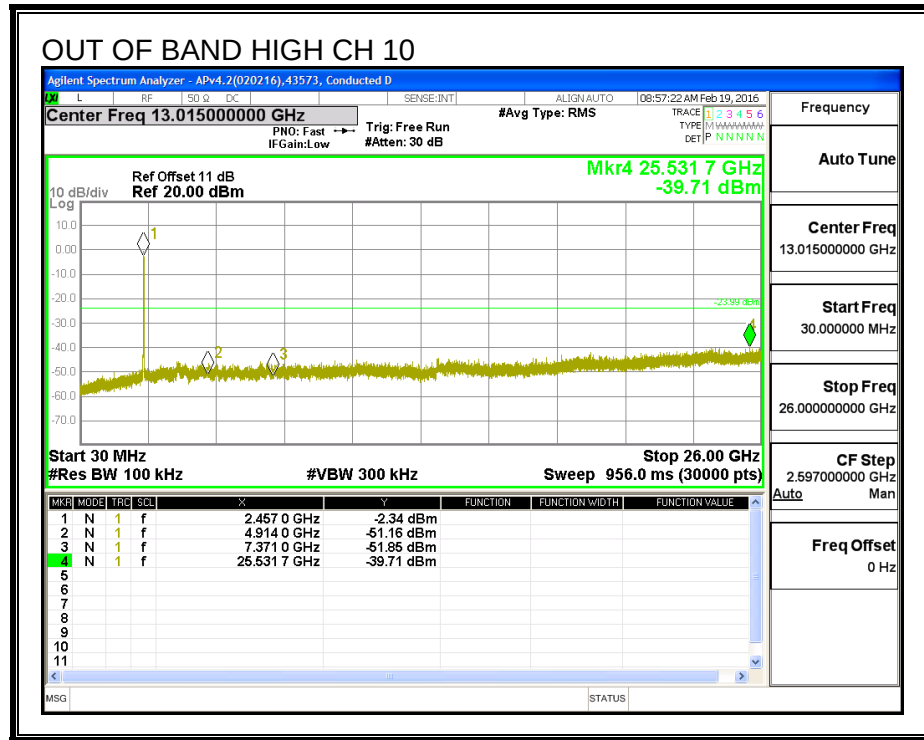


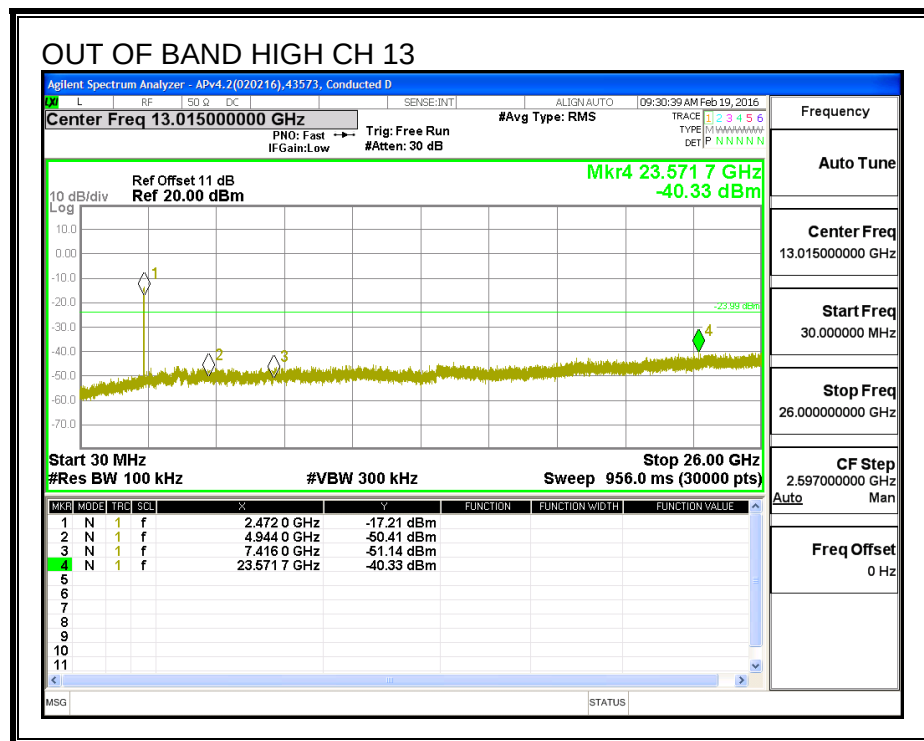
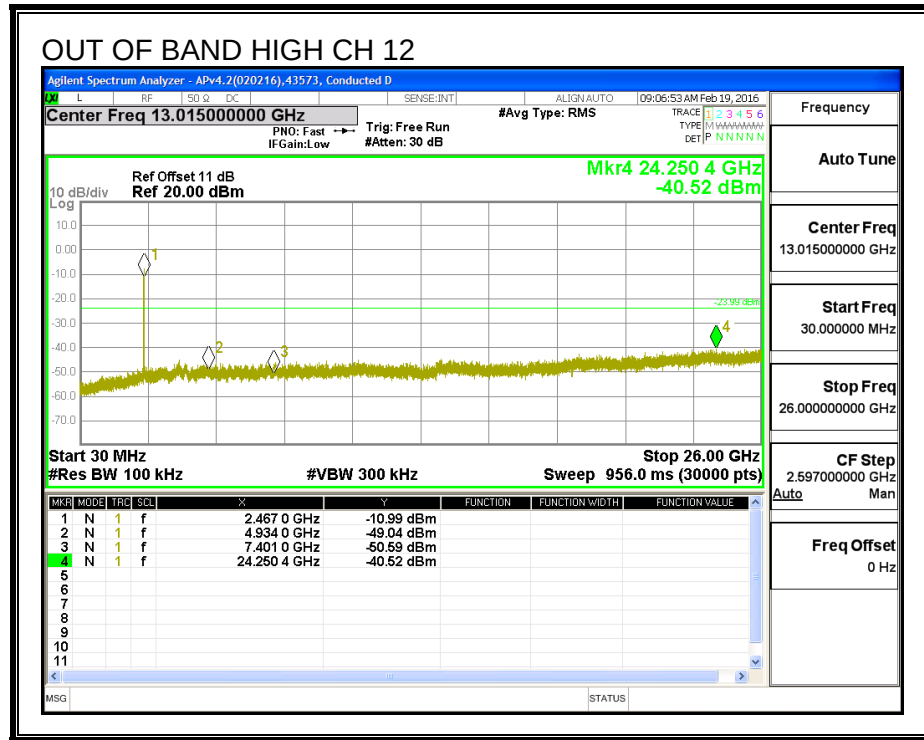
OUT-OF-BAND EMISSIONS, Chain 0



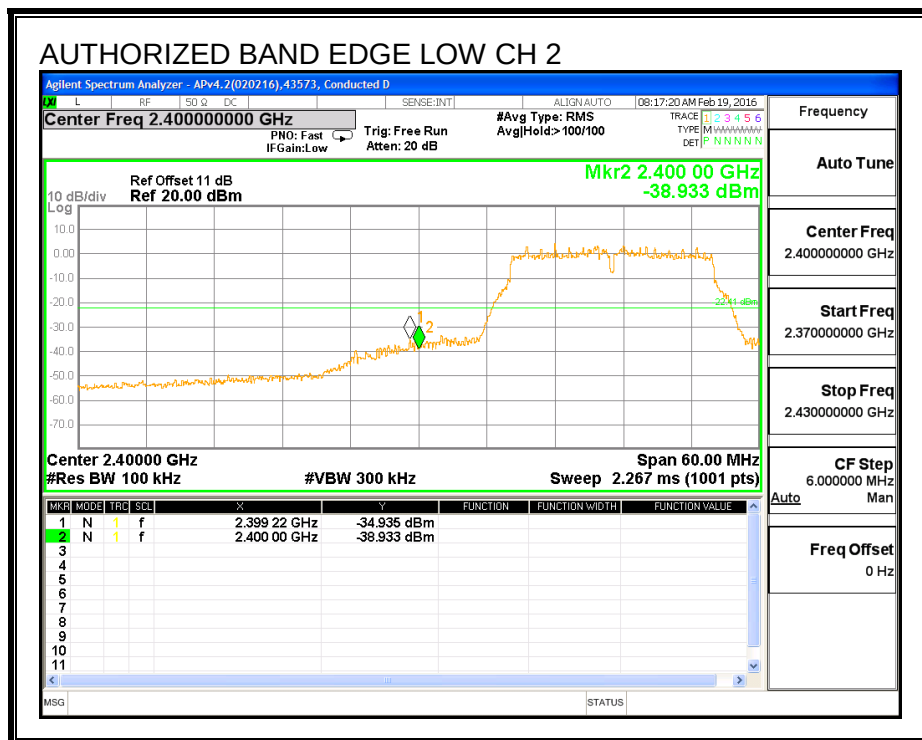
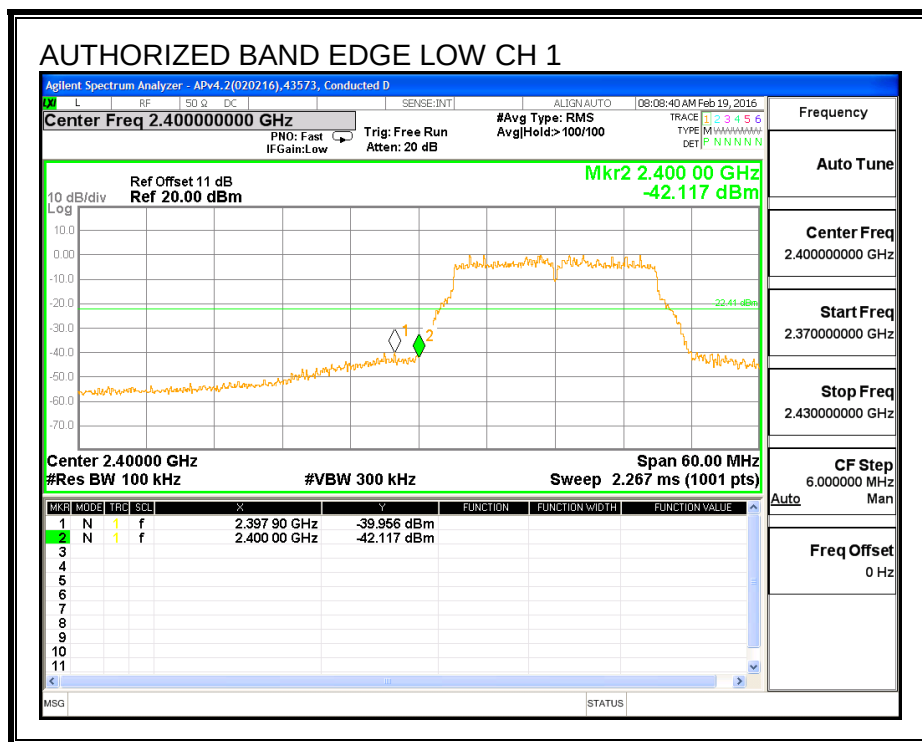


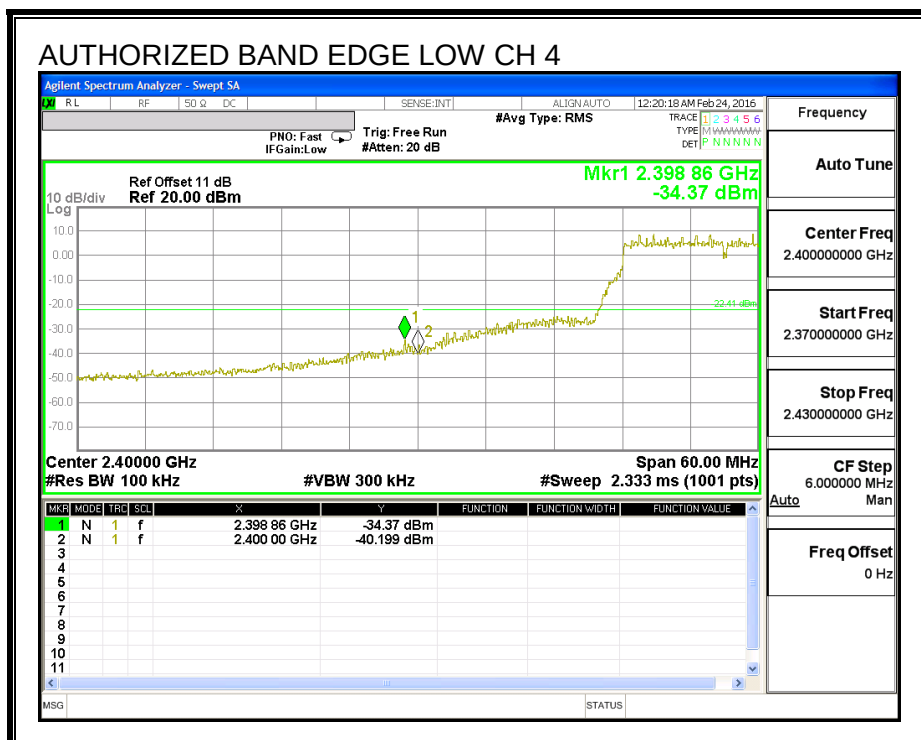
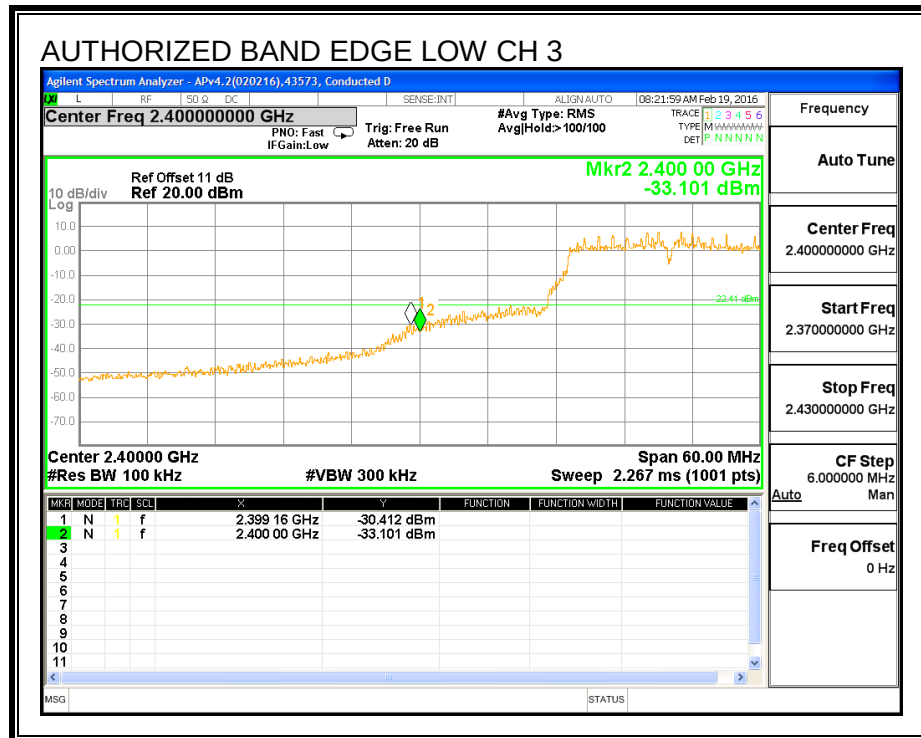




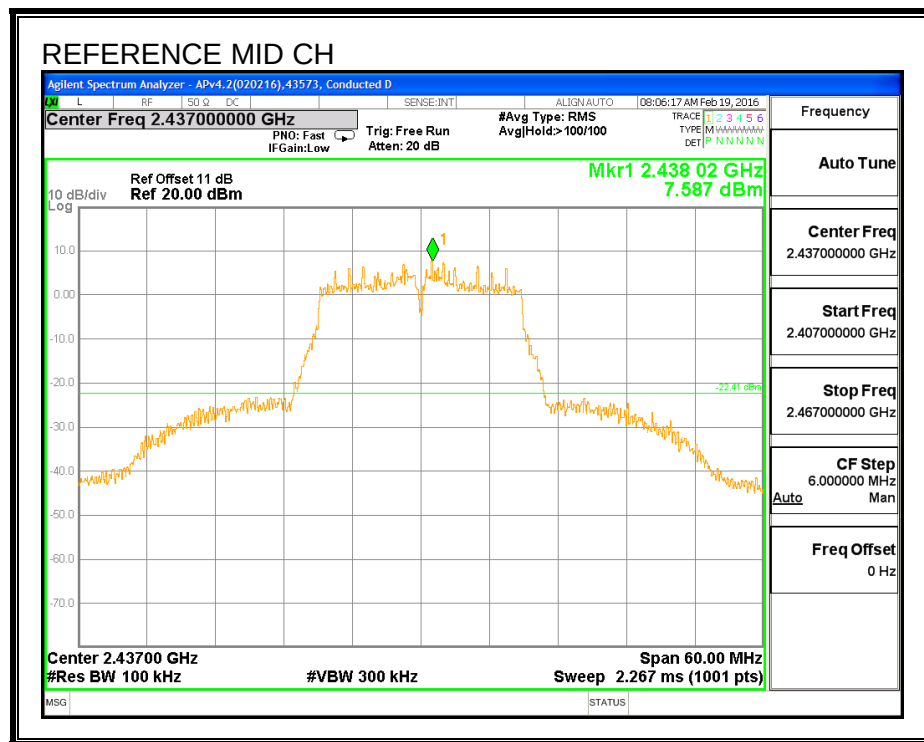


LOW CHANNEL BANDEDGE, Chain 1

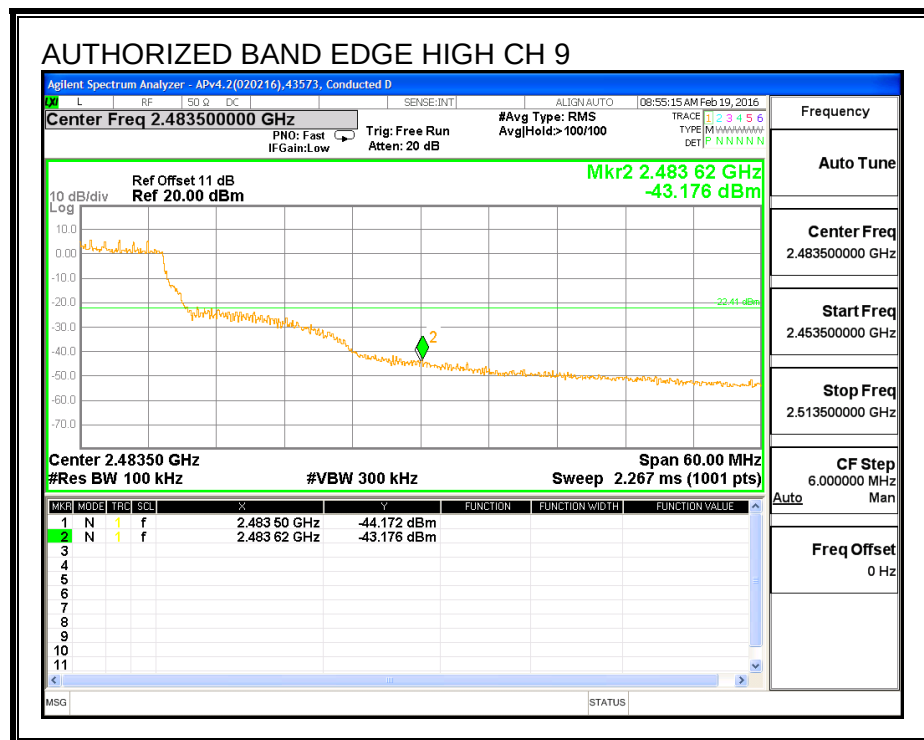


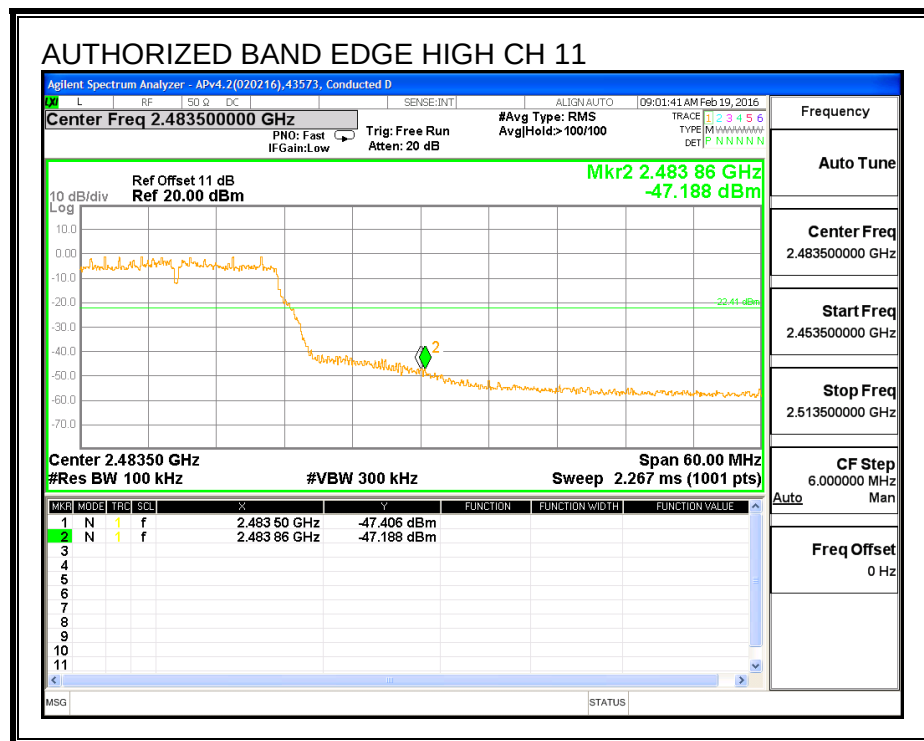
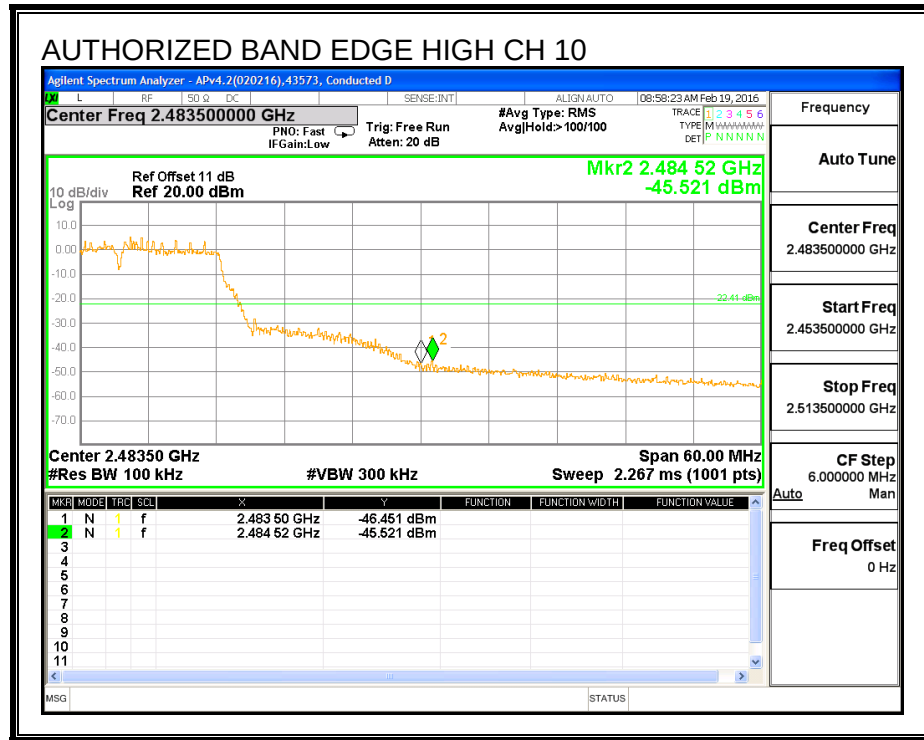


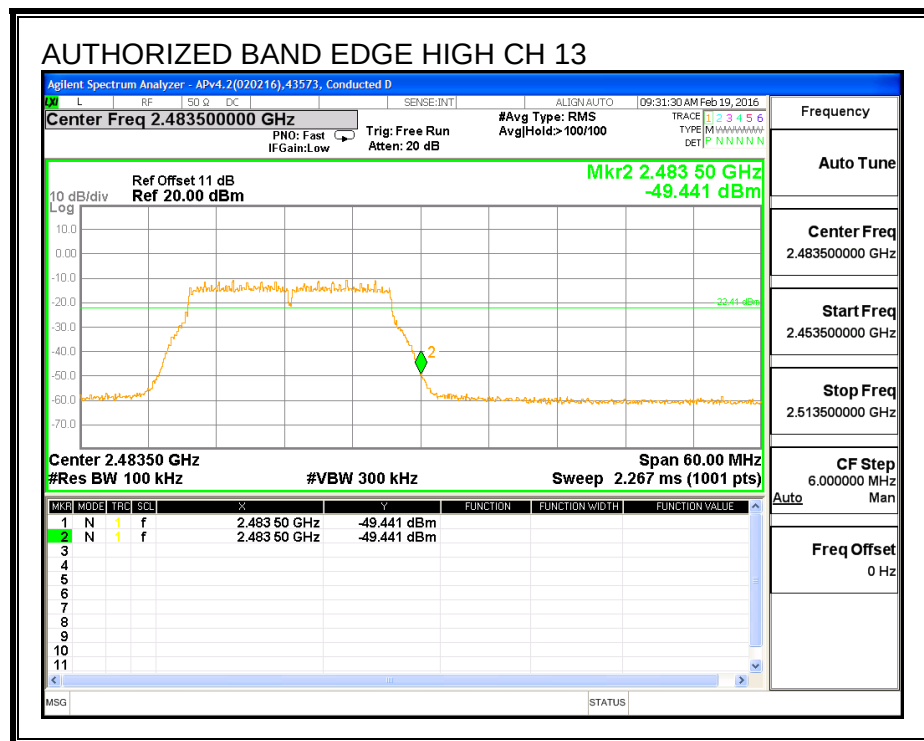
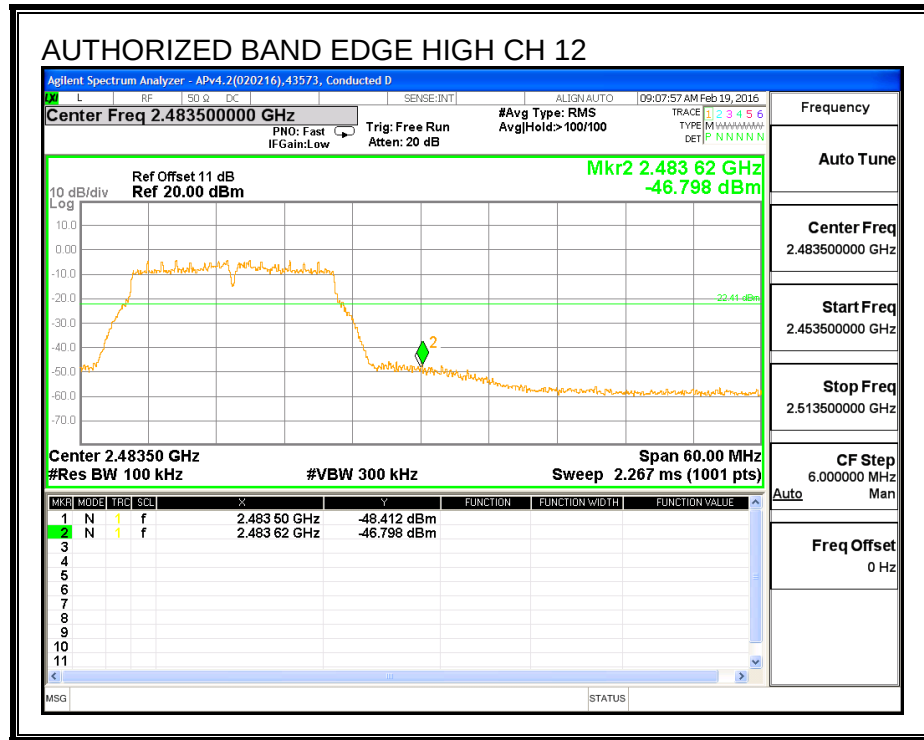
MID CHANNEL REFERENCE, Chain 1



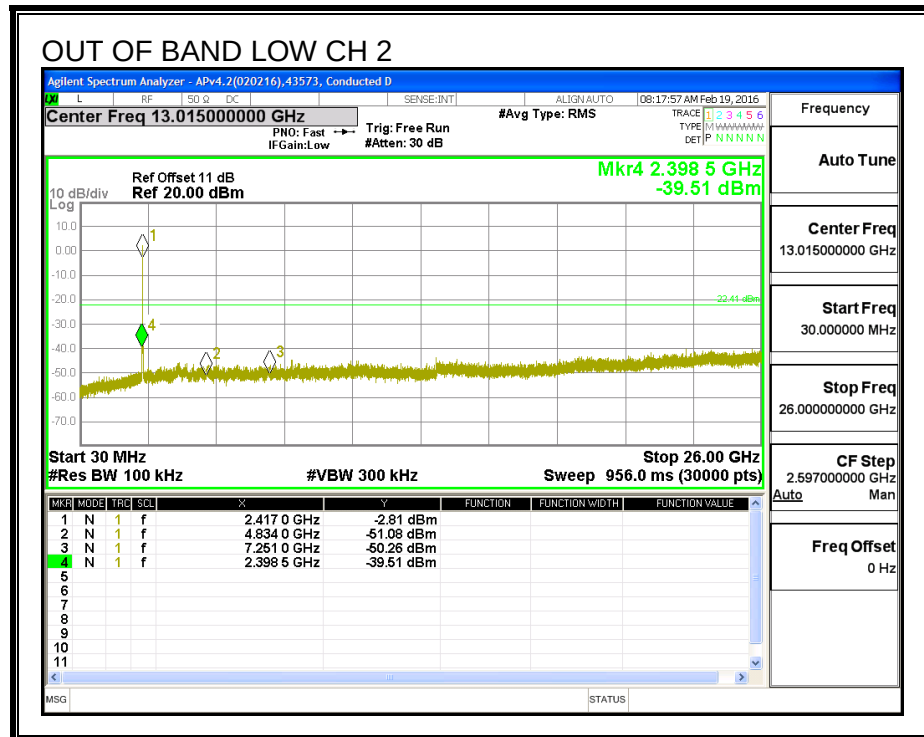
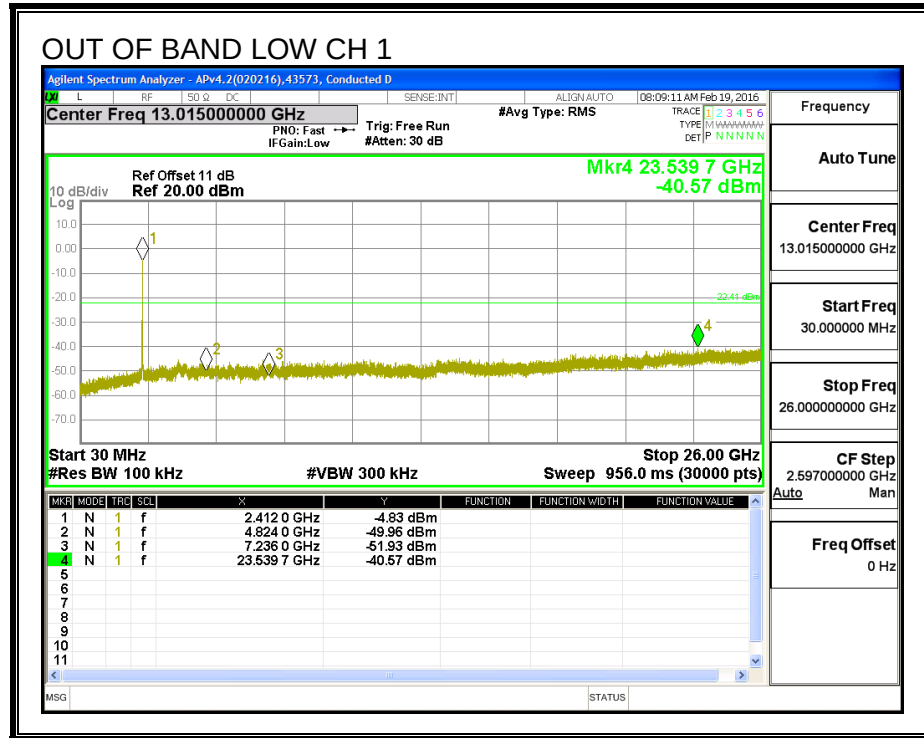
HIGH CHANNEL BANDEDGE, Chain 1

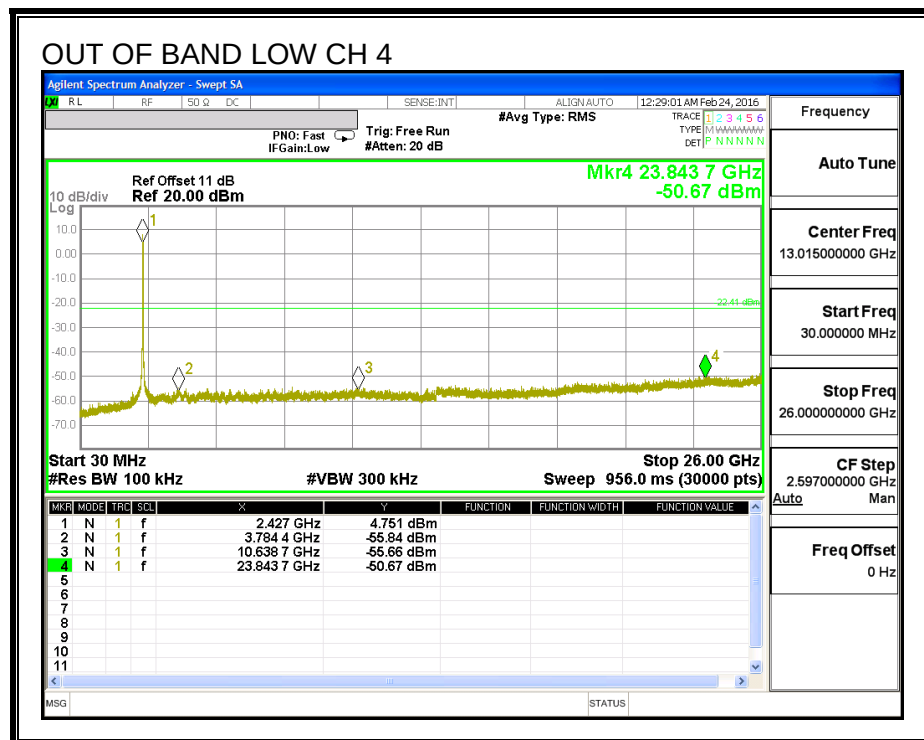
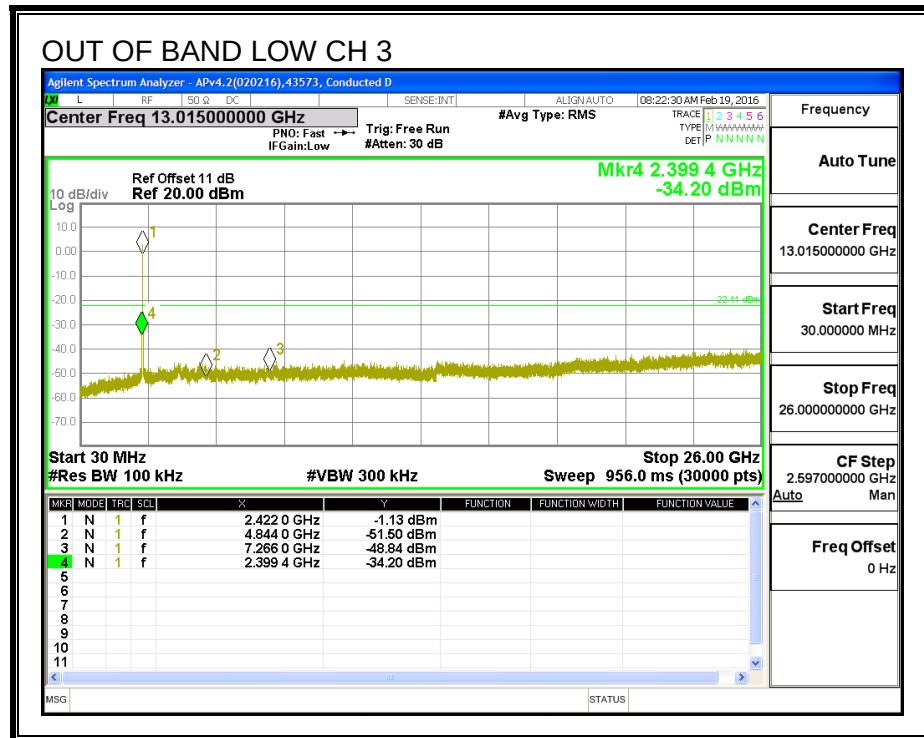


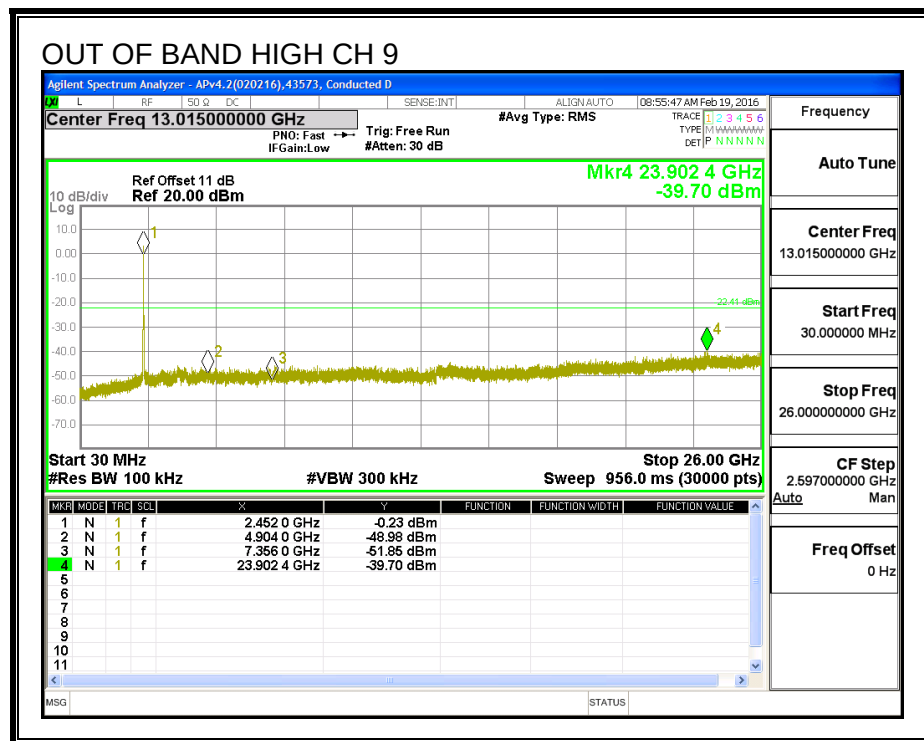
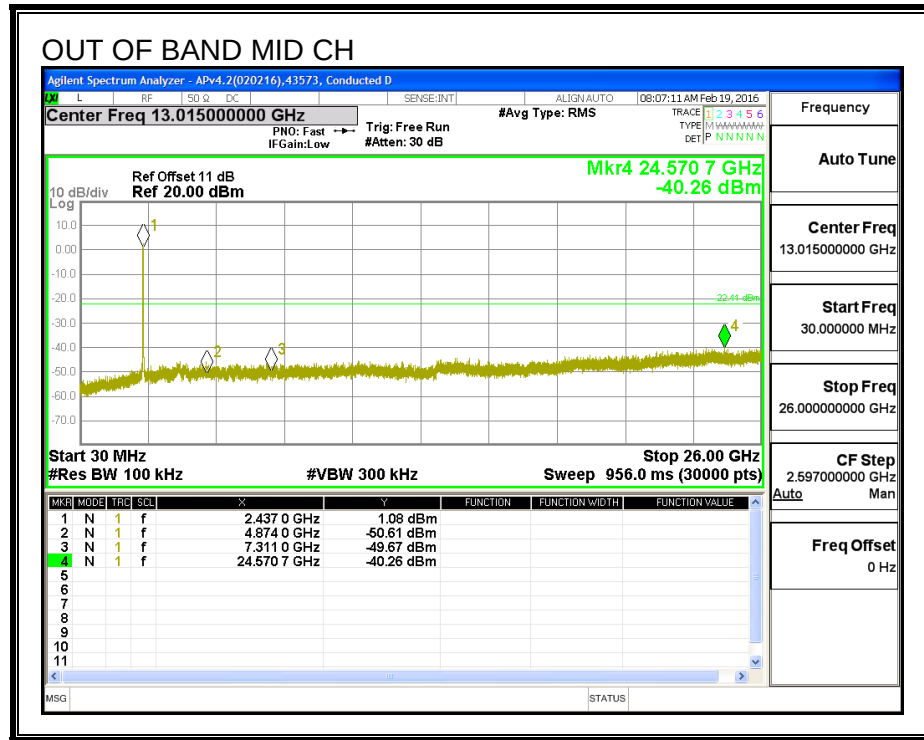


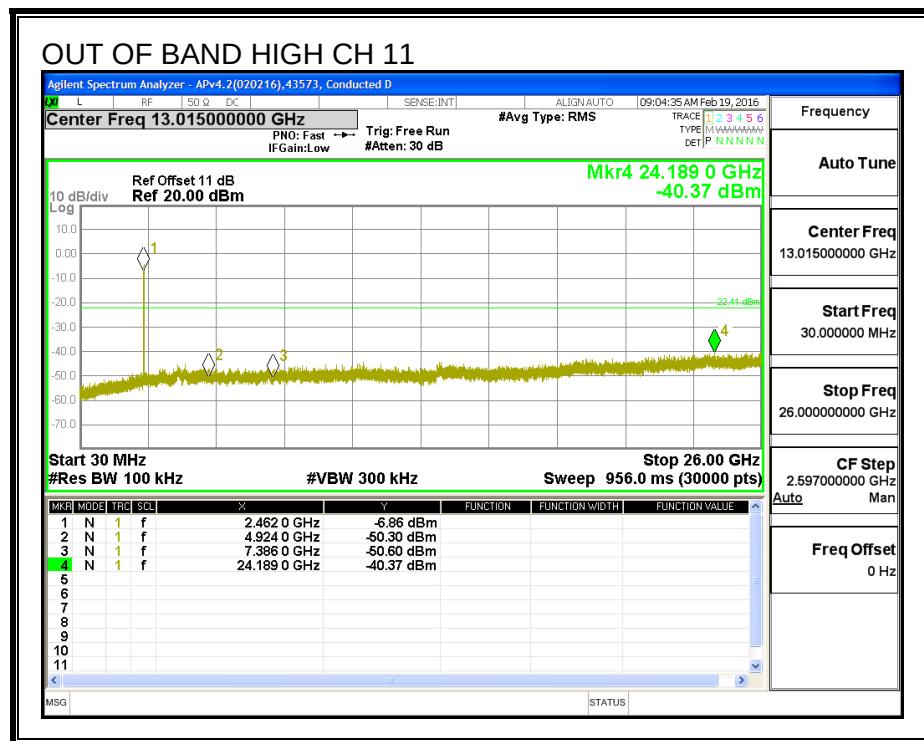
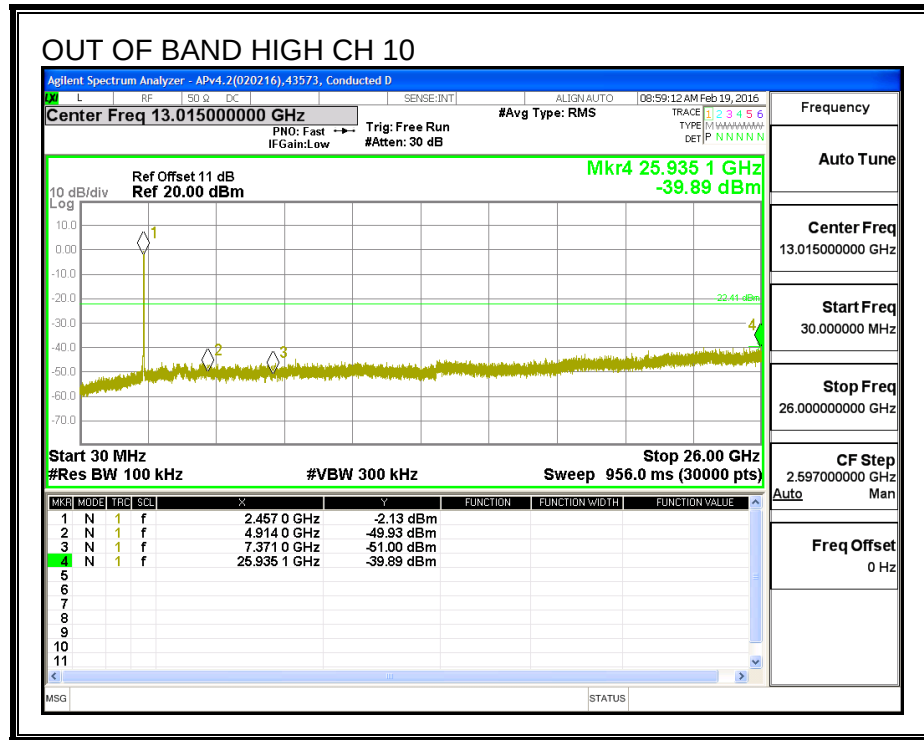


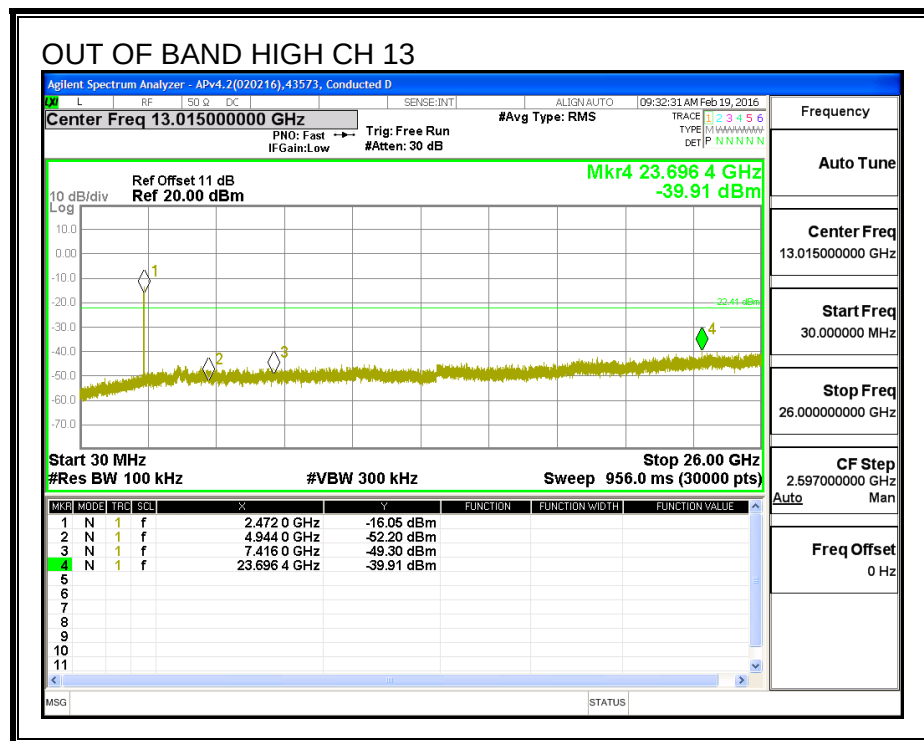
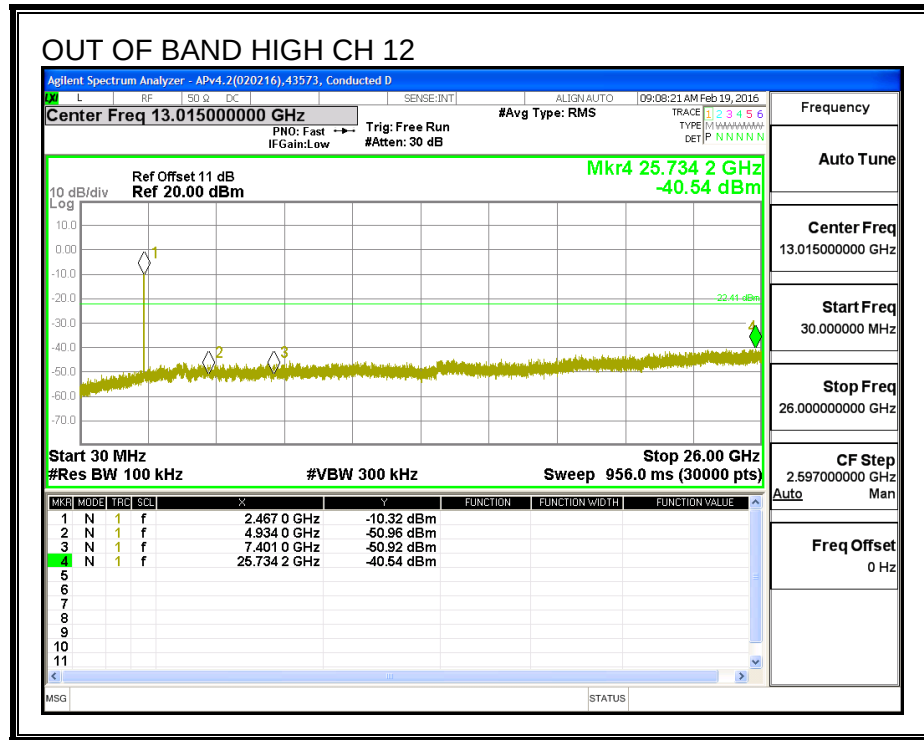
OUT-OF-BAND EMISSIONS, Chain 1











9. RADIATED TEST RESULTS

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.

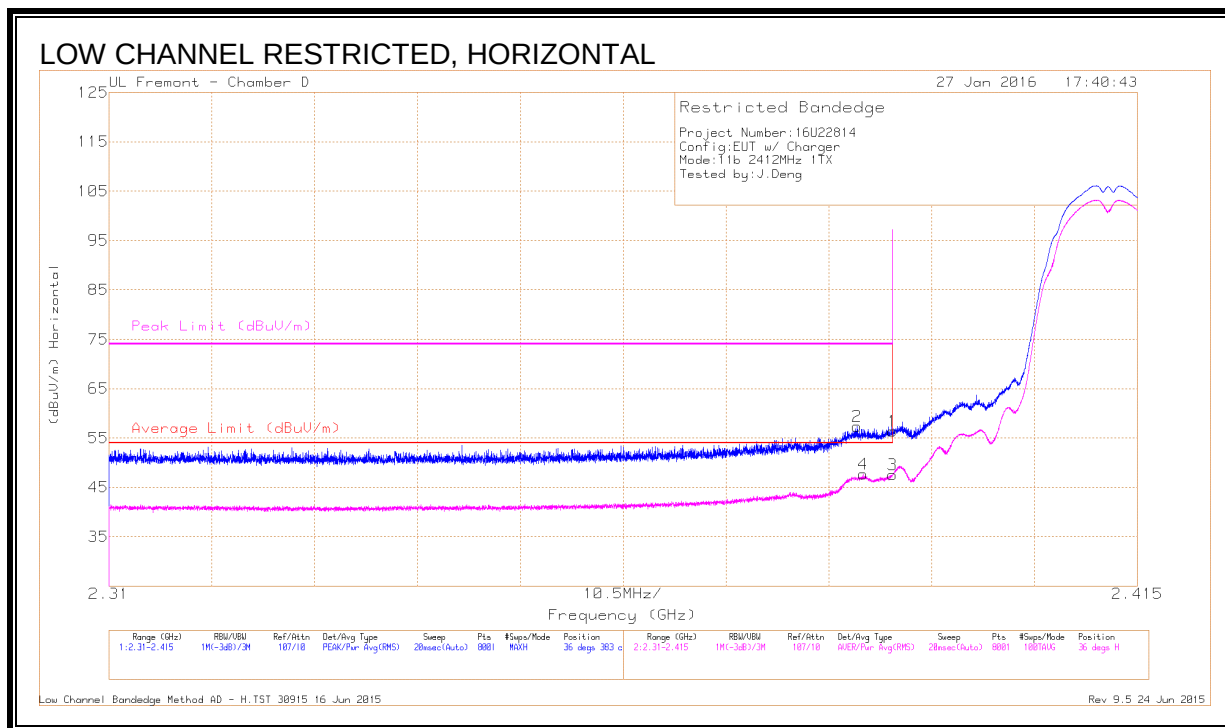
For 2.4 GHz band, the spectrum from 30 MHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in the 2.4 GHz band.

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 BANDEGE (LOW CHANNEL, CH 1)



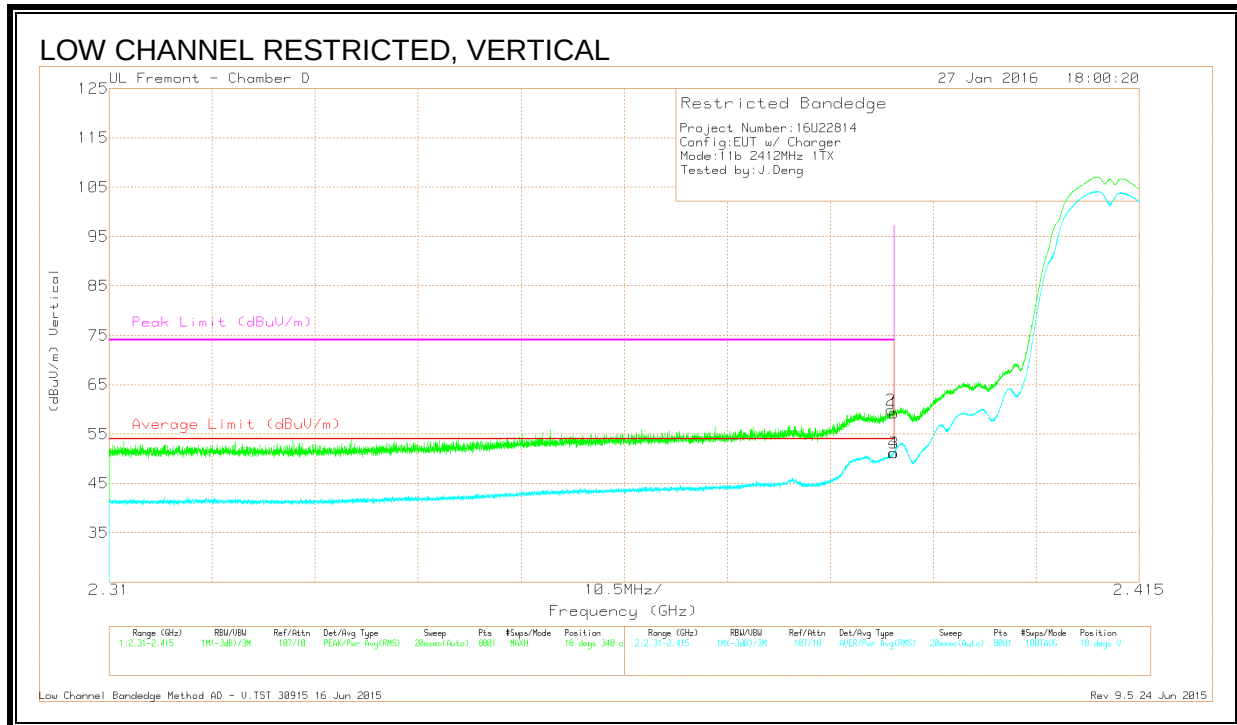
DATA

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	44.96	Pk	32.1	-20.7	56.36	-	-	74	-17.64	36	383	H
2	* 2.386	46.03	Pk	32.1	-20.8	57.33	-	-	74	-16.67	36	383	H
3	* 2.39	36.15	RMS	32.1	-20.7	47.55	54	-6.45	-	-	36	383	H
4	* 2.387	36.34	RMS	32.1	-20.8	47.64	54	-6.36	-	-	36	383	H

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

Pk - Peak detector

RMS - RMS detection



DATA

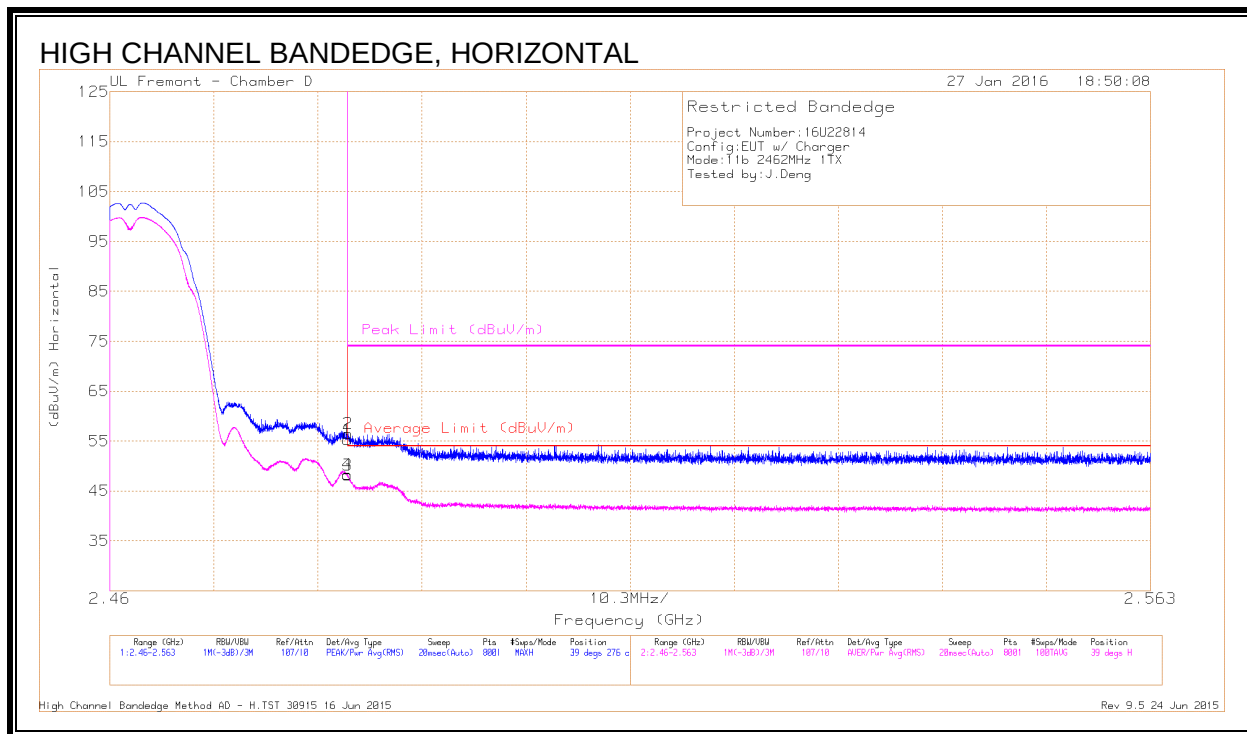
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	47.82	Pk	32.1	-20.7	59.22	-	-	74	-14.78	18	340	V
2	* 2.39	48.4	Pk	32.1	-20.7	59.8	-	-	74	-14.2	18	340	V
3	* 2.39	39.75	RMS	32.1	-20.7	51.15	54	-2.85	-	-	18	340	V
4	* 2.39	39.81	RMS	32.1	-20.7	51.21	54	-2.79	-	-	18	340	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 11)



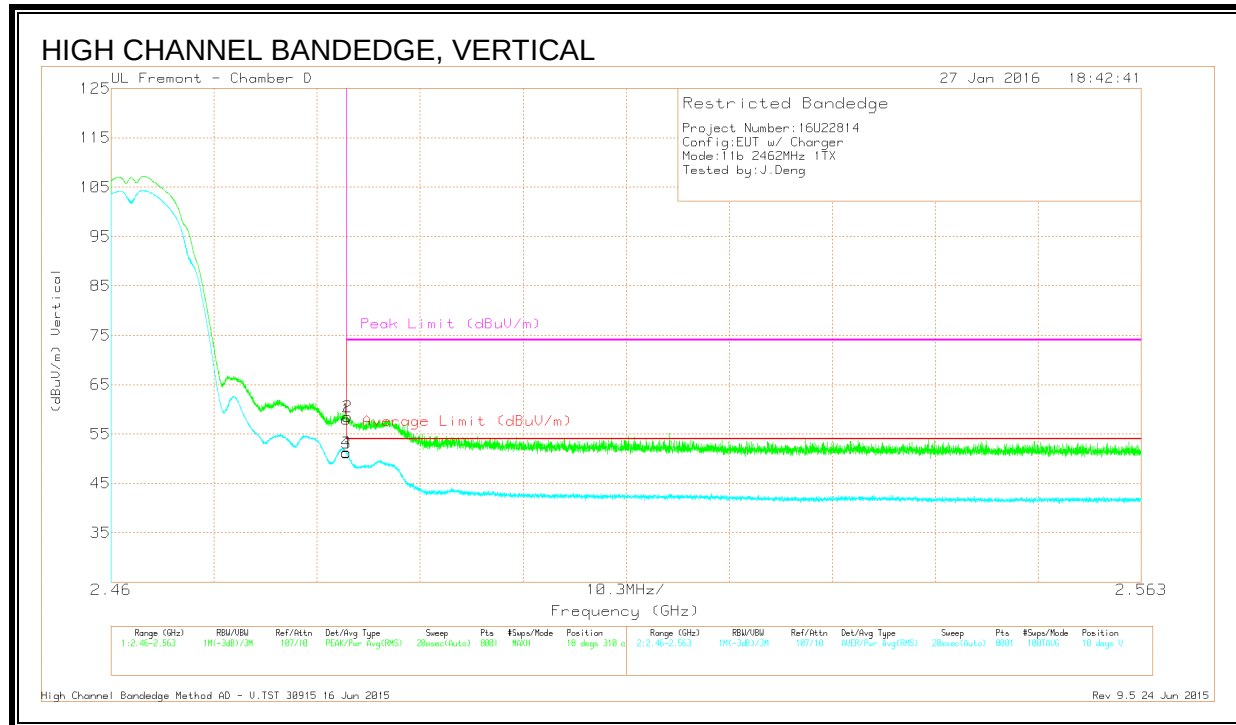
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Filt/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	43.89	Pk	32.2	-20.8	55.29	-	-	74	-18.71	39	276	H
2	* 2.484	45.08	Pk	32.2	-20.8	56.48	-	-	74	-17.52	39	276	H
3	* 2.484	36.77	RMS	32.2	-20.8	48.17	54	-5.83	-	-	39	276	H
4	* 2.484	36.92	RMS	32.2	-20.8	48.32	54	-5.68	-	-	39	276	H

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

Pk - Peak detector

RMS - RMS detection



DATA

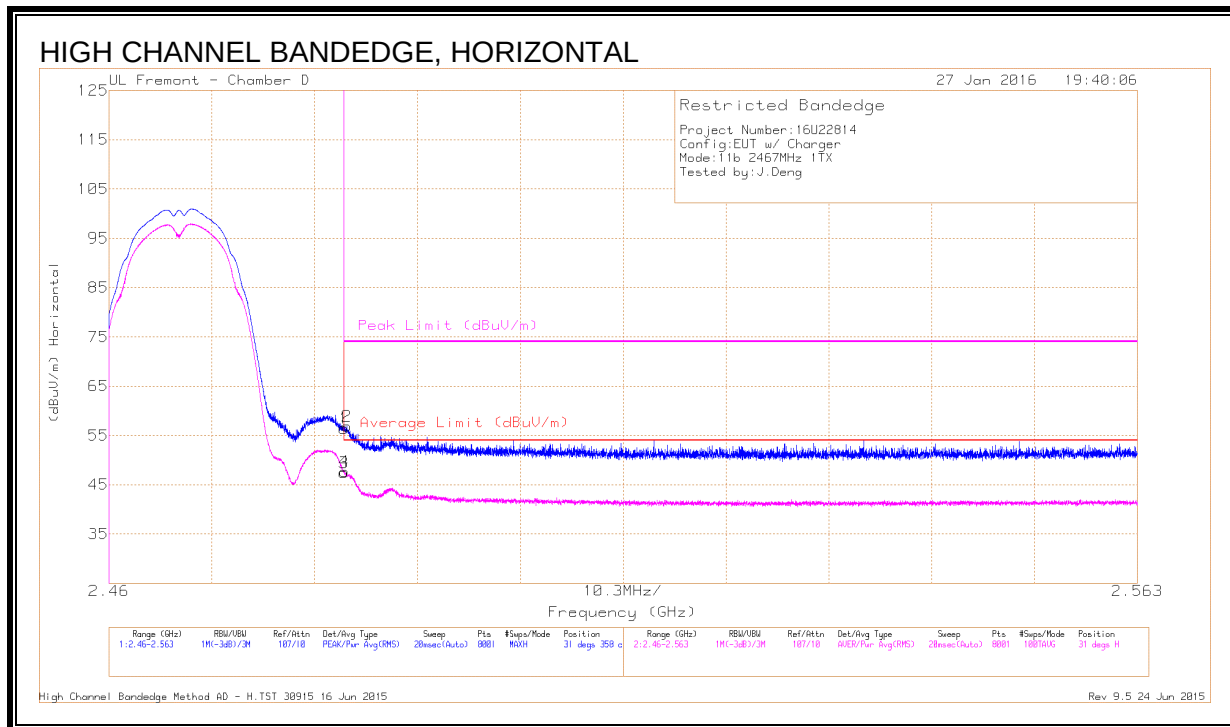
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.54	Pk	32.2	-20.8	57.94	-	-	74	-16.06	18	310	V
2	* 2.484	47.06	Pk	32.2	-20.8	58.46	-	-	74	-15.54	18	310	V
3	* 2.484	39.75	RMS	32.2	-20.8	51.15	54	-2.85	-	-	18	310	V
4	* 2.484	39.83	RMS	32.2	-20.8	51.23	54	-2.77	-	-	18	310	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 12)



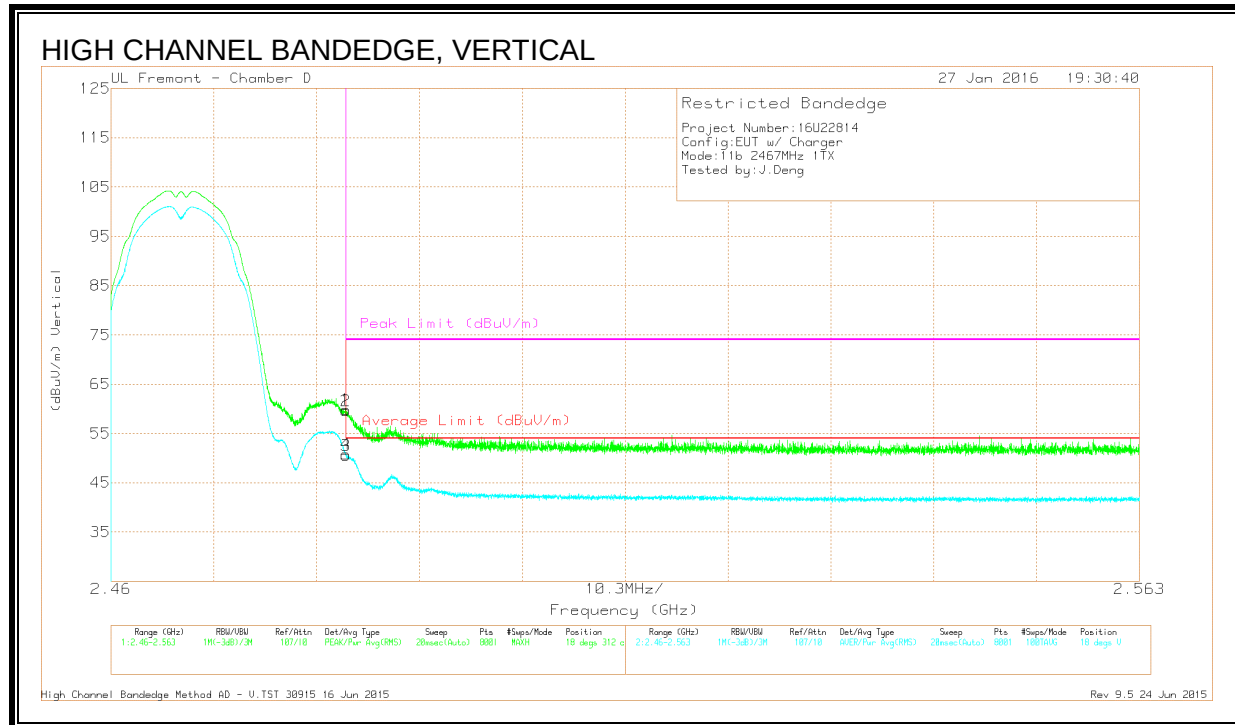
DATA

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	45.04	Pk	32.2	-20.8	56.44	-	-	74	-17.56	31	358	H
2	* 2.484	45.52	Pk	32.2	-20.8	56.92	-	-	74	-17.08	31	358	H
3	* 2.484	36.03	RMS	32.2	-20.8	47.43	54	-6.57	-	-	31	358	H
4	* 2.484	36.29	RMS	32.2	-20.8	47.69	54	-6.31	-	-	31	358	H

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

Pk - Peak detector

RMS - RMS detection



DATA

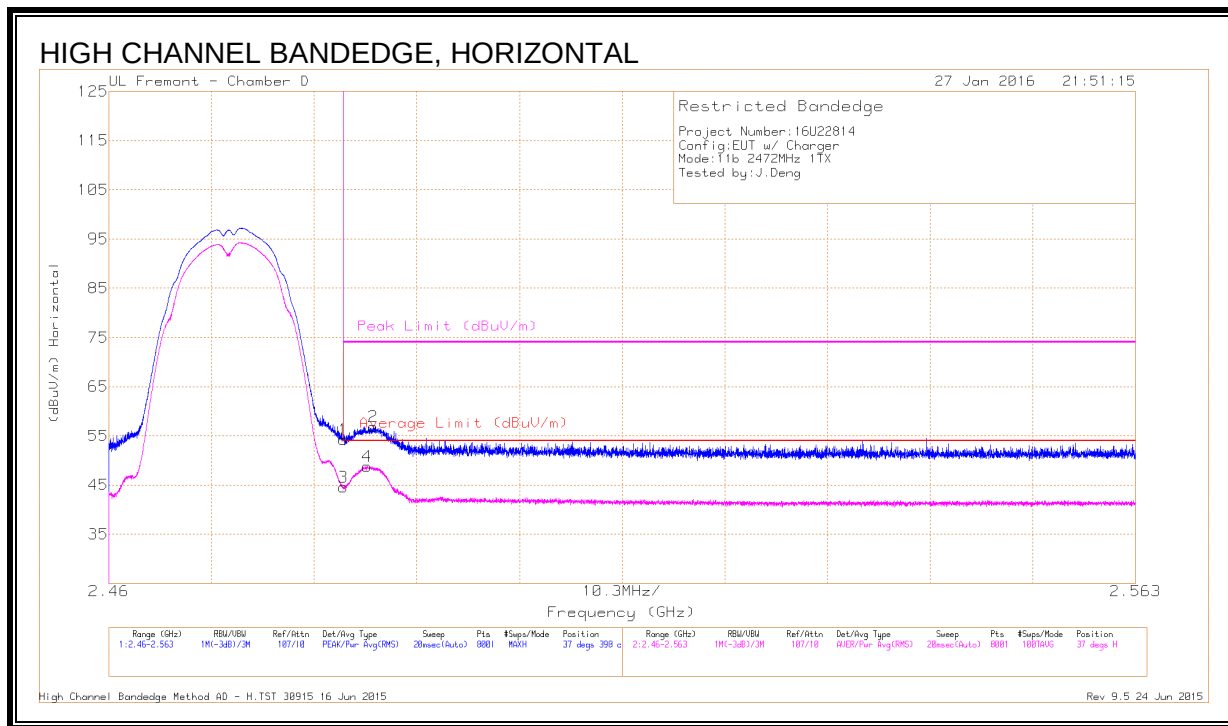
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.4	Pk	32.2	-20.8	59.8	-	-	74	-14.2	18	312	V
2	* 2.484	48.17	Pk	32.2	-20.8	59.57	-	-	74	-14.43	18	312	V
3	* 2.484	39.14	RMS	32.2	-20.8	50.54	54	-3.46	-	-	18	312	V
4	* 2.484	39.39	RMS	32.2	-20.8	50.79	54	-3.21	-	-	18	312	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 13)



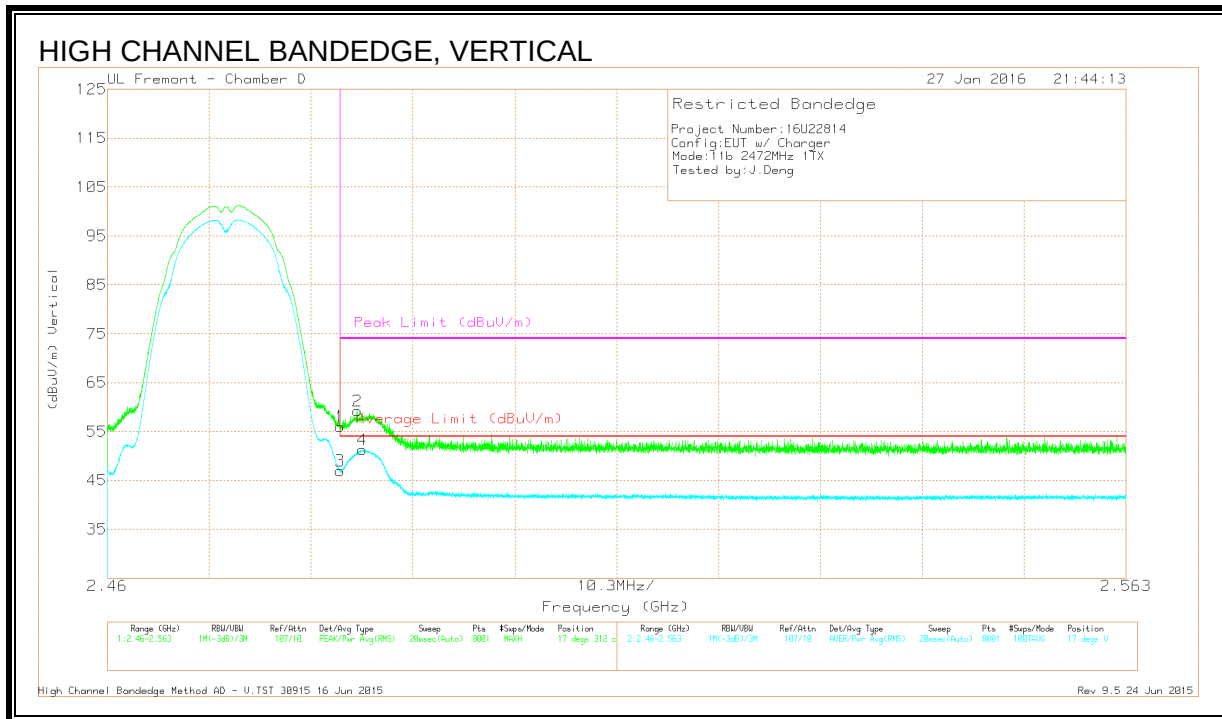
DATA

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	42.89	Pk	32.2	-20.8	54.29	-	-	74	-19.71	37	398	H
2	* 2.486	45.49	Pk	32.2	-20.8	56.89	-	-	74	-17.11	37	398	H
3	* 2.484	33.15	RMS	32.2	-20.8	44.55	54	-9.45	-	-	37	398	H
4	* 2.486	37.37	RMS	32.2	-20.8	48.77	54	-5.23	-	-	37	398	H

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

Pk - Peak detector

RMS - RMS detection



DATA

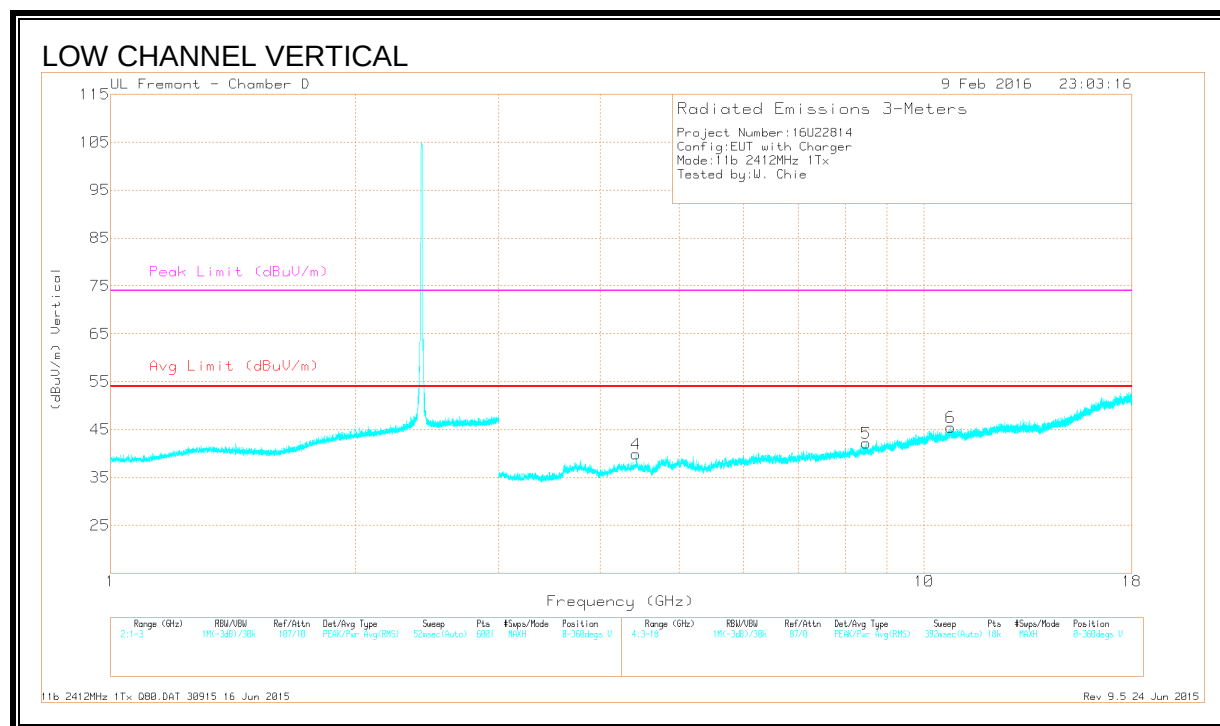
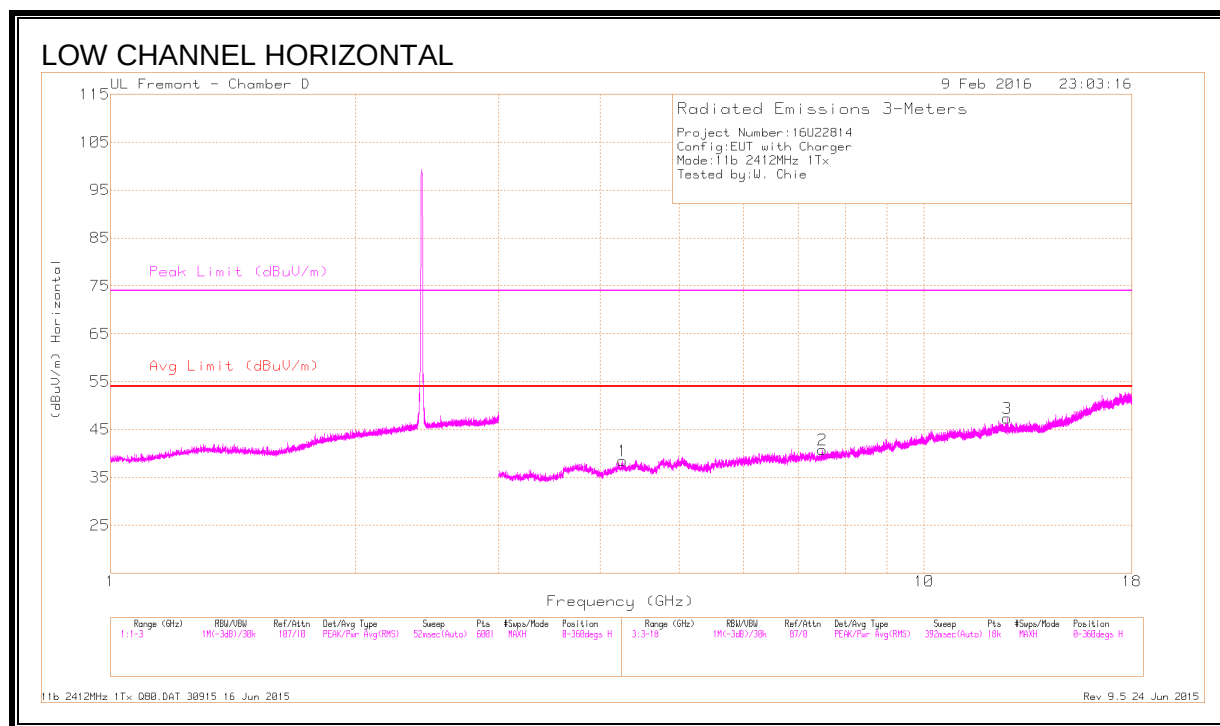
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.66	Pk	32.2	-20.8	56.06	-	-	74	-17.94	17	312	V
2	* 2.485	47.85	Pk	32.2	-20.8	59.25	-	-	74	-14.75	17	312	V
3	* 2.484	35.6	RMS	32.2	-20.8	47	54	-7	-	-	17	312	V
4	* 2.486	39.83	RMS	32.2	-20.8	51.23	54	-2.77	-	-	17	312	V

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

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL, CH 1



DATA

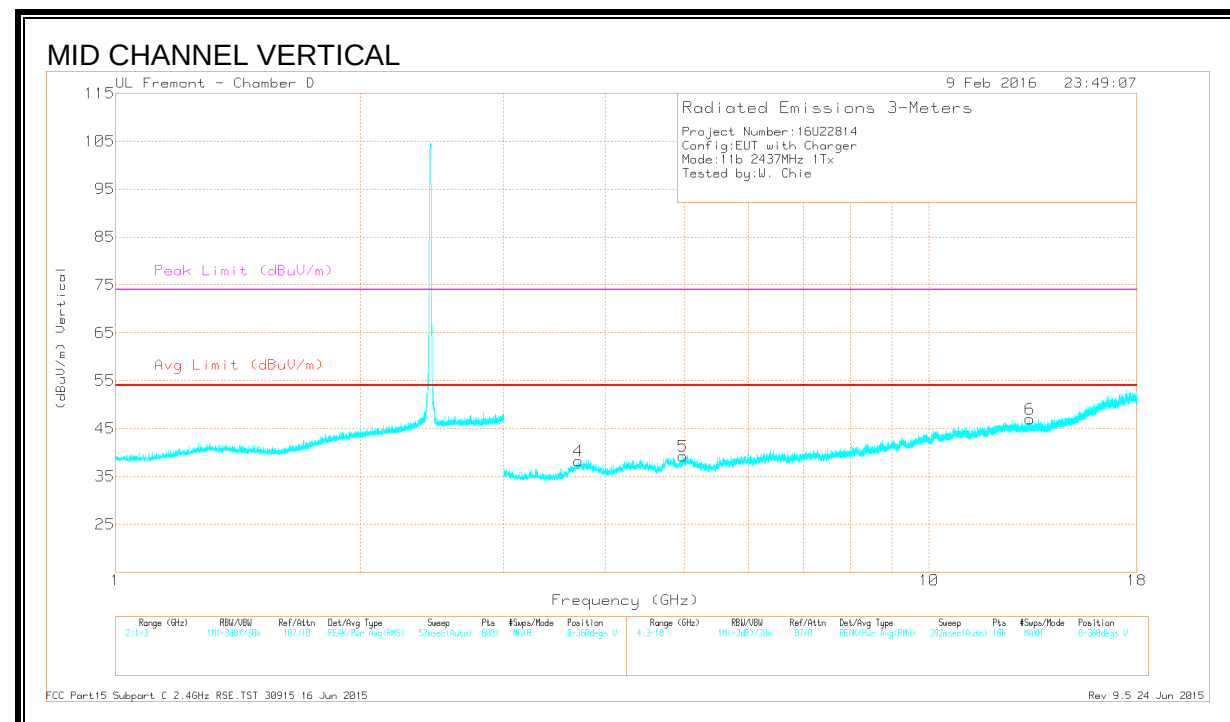
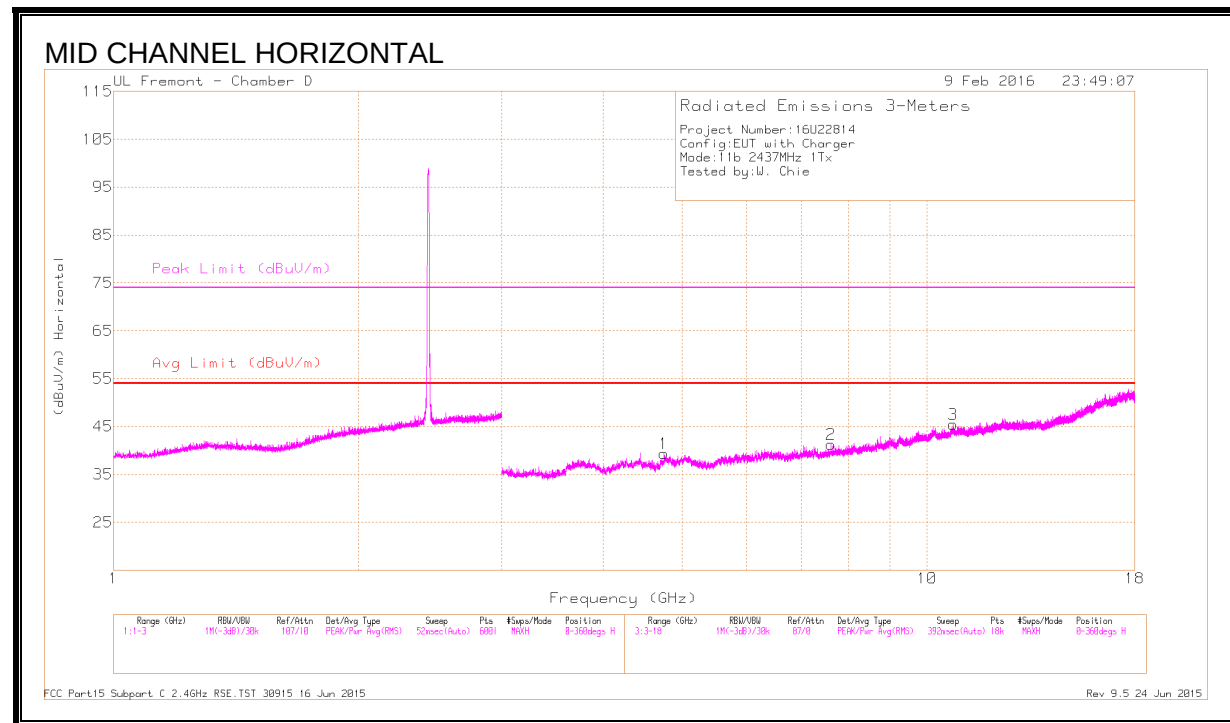
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.256	38.29	PK2	33.5	-27.5	44.29	-	-	74	-29.71	311	226	H
	* 4.256	26.11	MAv1	33.5	-27.5	32.11	54	-21.89	-	-	311	226	H
2	* 7.504	36.35	PK2	35.5	-24.5	47.35	-	-	74	-26.65	336	352	H
	* 7.501	24.35	MAv1	35.5	-24.5	35.35	54	-18.65	-	-	336	352	H
3	* 12.643	34.81	PK2	39.2	-21	53.01	-	-	74	-20.99	50	259	H
	* 12.643	23.16	MAv1	39.2	-21	41.36	54	-12.64	-	-	50	259	H
5	* 8.494	36.06	PK2	35.7	-23.4	48.36	-	-	74	-25.64	44	119	V
	* 8.495	23.96	MAv1	35.7	-23.4	36.26	54	-17.74	-	-	44	119	V
6	* 10.787	33.99	PK2	37.9	-20	51.89	-	-	74	-22.11	217	314	V
	* 10.787	22.01	MAv1	37.9	-20	39.91	54	-14.09	-	-	217	314	V
4	4.426	38.08	PK2	33.9	-27.3	44.68	-	-	-	-	164	186	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL, CH 6



DATA

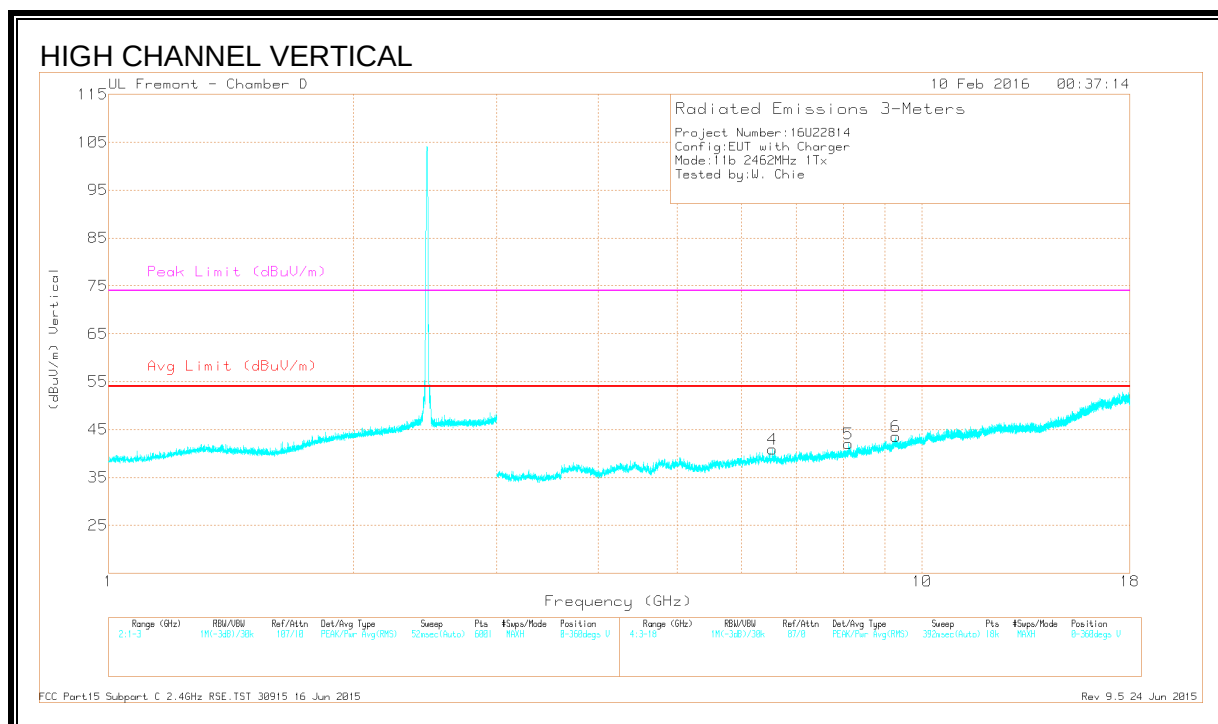
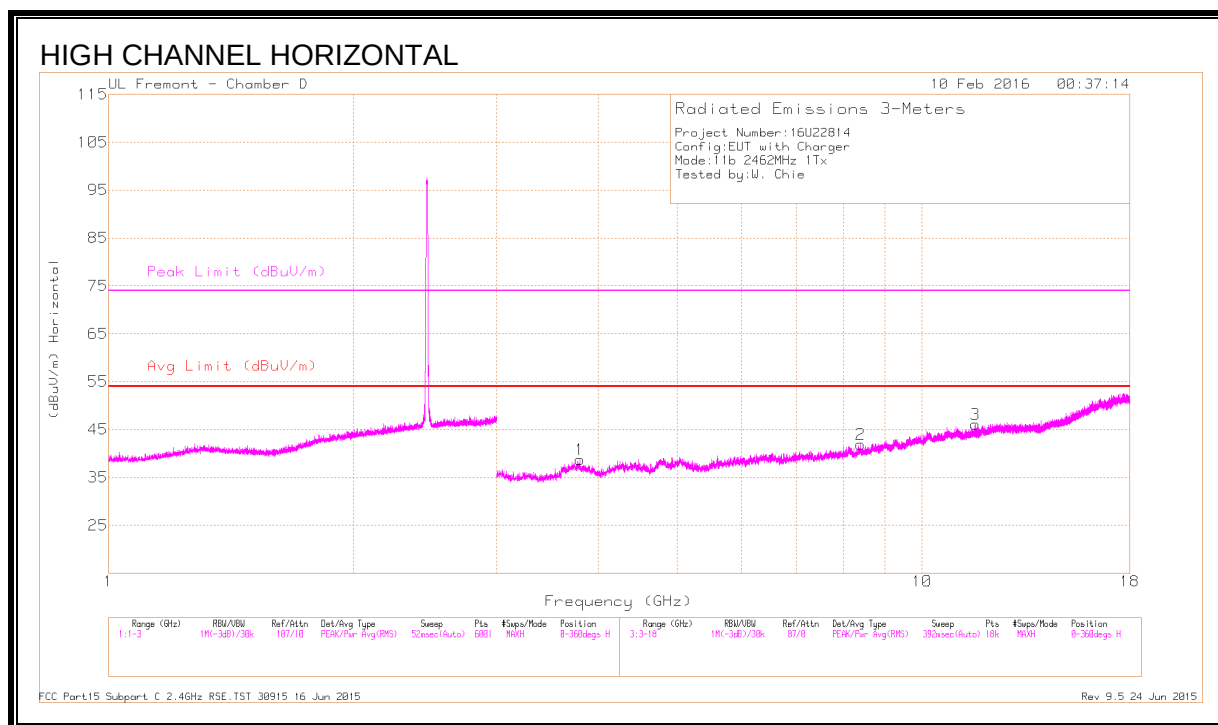
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.747	37.57	PK2	34.1	-26.5	45.17	-	-	74	-28.83	304	170	H
	* 4.747	26.49	MAv1	34.1	-26.5	34.09	54	-19.91	-	-	304	170	H
2	* 7.617	36.48	PK2	35.6	-24.4	47.68	-	-	74	-26.32	237	171	H
	* 7.613	24.43	MAv1	35.6	-24.5	35.53	54	-18.47	-	-	237	171	H
3	* 10.767	34.32	PK2	37.9	-20	52.22	-	-	74	-21.78	4	225	H
	* 10.767	22.12	MAv1	37.9	-20	40.02	54	-13.98	-	-	4	225	H
4	* 3.706	39.05	PK2	33.2	-28.8	43.45	-	-	74	-30.55	113	219	V
	* 3.706	27.04	MAv1	33.2	-28.8	31.44	54	-22.56	-	-	113	219	V
5	* 4.982	37.82	PK2	34.2	-27	45.02	-	-	74	-28.98	221	199	V
	* 4.982	26.09	MAv1	34.2	-27	33.29	54	-20.71	-	-	221	199	V
6	* 13.296	35.87	PK2	39.3	-21.7	53.47	-	-	74	-20.53	171	308	V
	* 13.298	23.82	MAv1	39.3	-21.7	41.42	54	-12.58	-	-	171	308	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL, CH 11



DATA

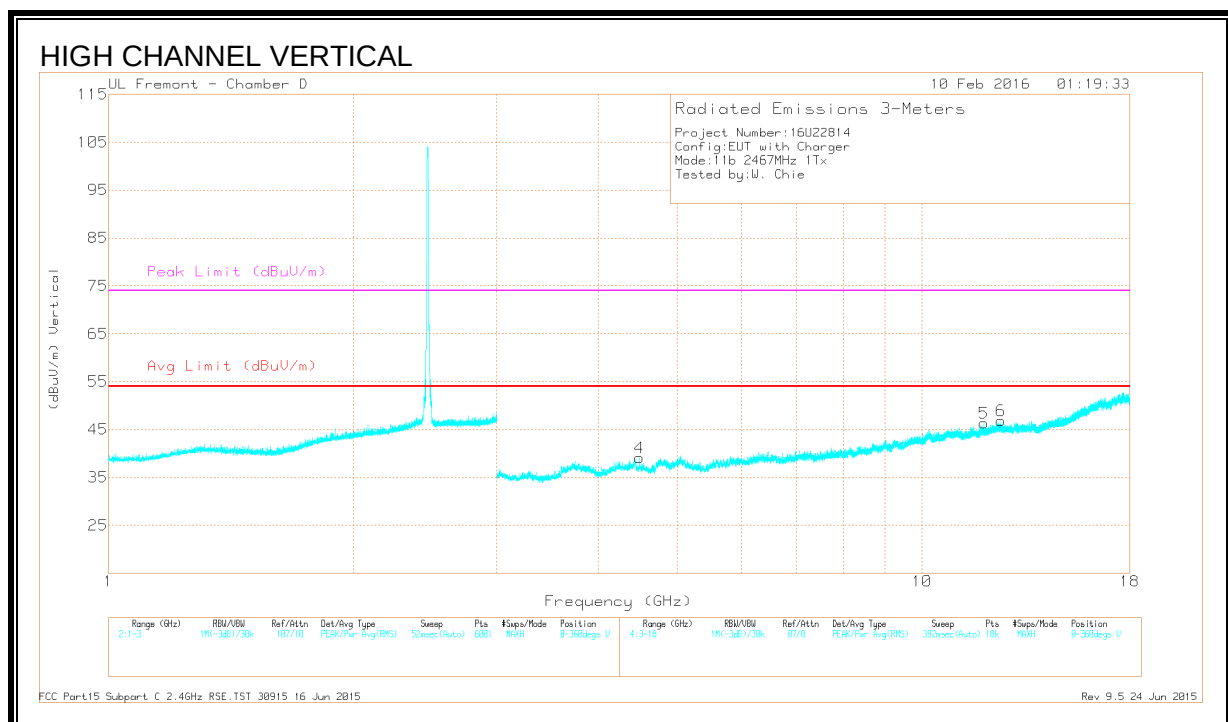
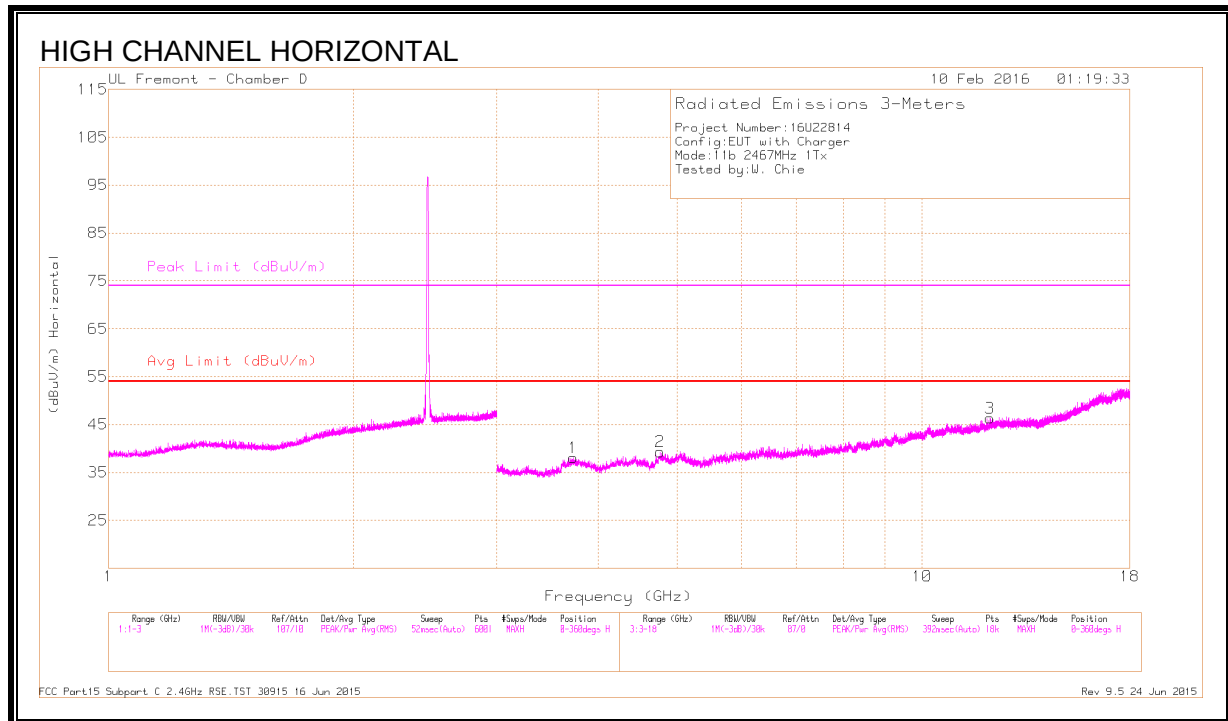
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.795	39.18	PK2	33.3	-28.1	44.38	-	-	74	-29.62	173	269	H
	* 3.793	26.98	MAv1	33.3	-28.1	32.18	54	-21.82	-	-	173	269	H
2	* 8.402	35.19	PK2	35.7	-22.8	48.09	-	-	74	-25.91	284	380	H
	* 8.403	23.6	MAv1	35.7	-22.8	36.5	54	-17.5	-	-	284	380	H
3	* 11.617	33.43	PK2	38.1	-20.2	51.33	-	-	74	-22.67	327	240	H
	* 11.618	22.36	MAv1	38.1	-20.2	40.26	54	-13.74	-	-	327	240	H
5	* 8.116	35.13	PK2	35.6	-22.9	47.83	-	-	74	-26.17	3	117	V
	* 8.114	23.61	MAv1	35.6	-22.9	36.31	54	-17.69	-	-	3	117	V
4	6.544	36.71	PK2	35.5	-25.4	46.81	-	-	-	-	298	118	V
6	9.286	33.48	PK2	36.4	-20.6	49.28	-	-	-	-	60	136	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL, CH 12



DATA

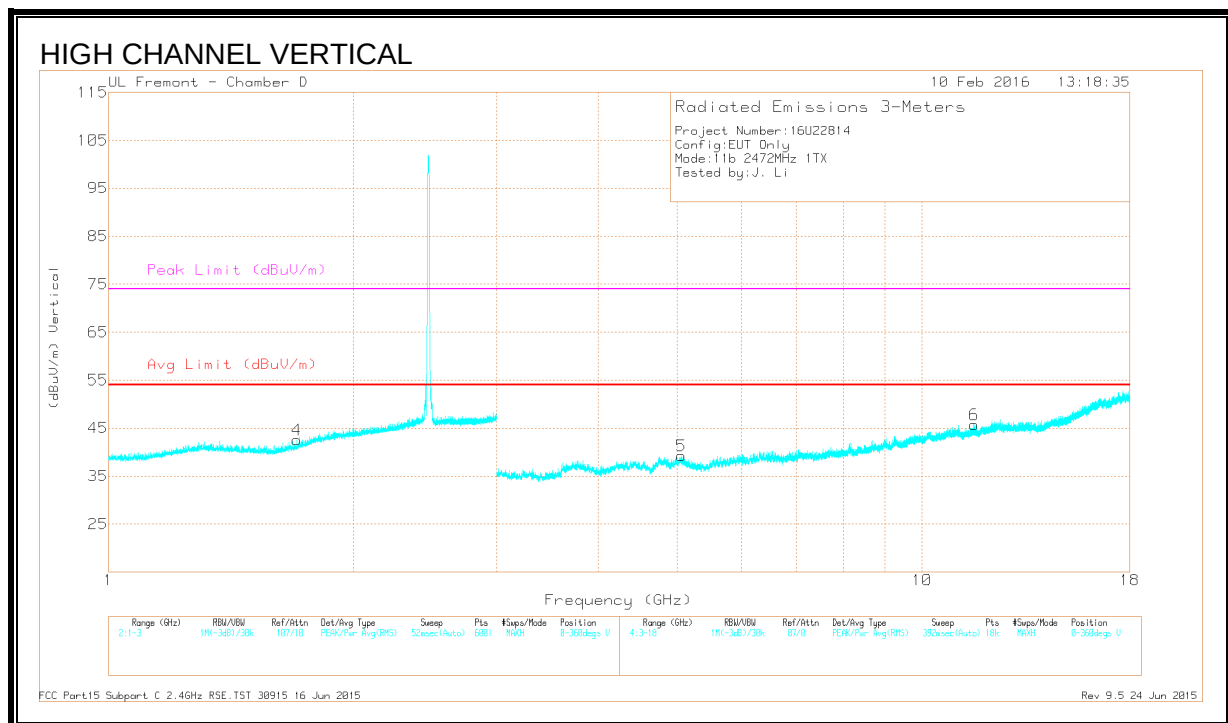
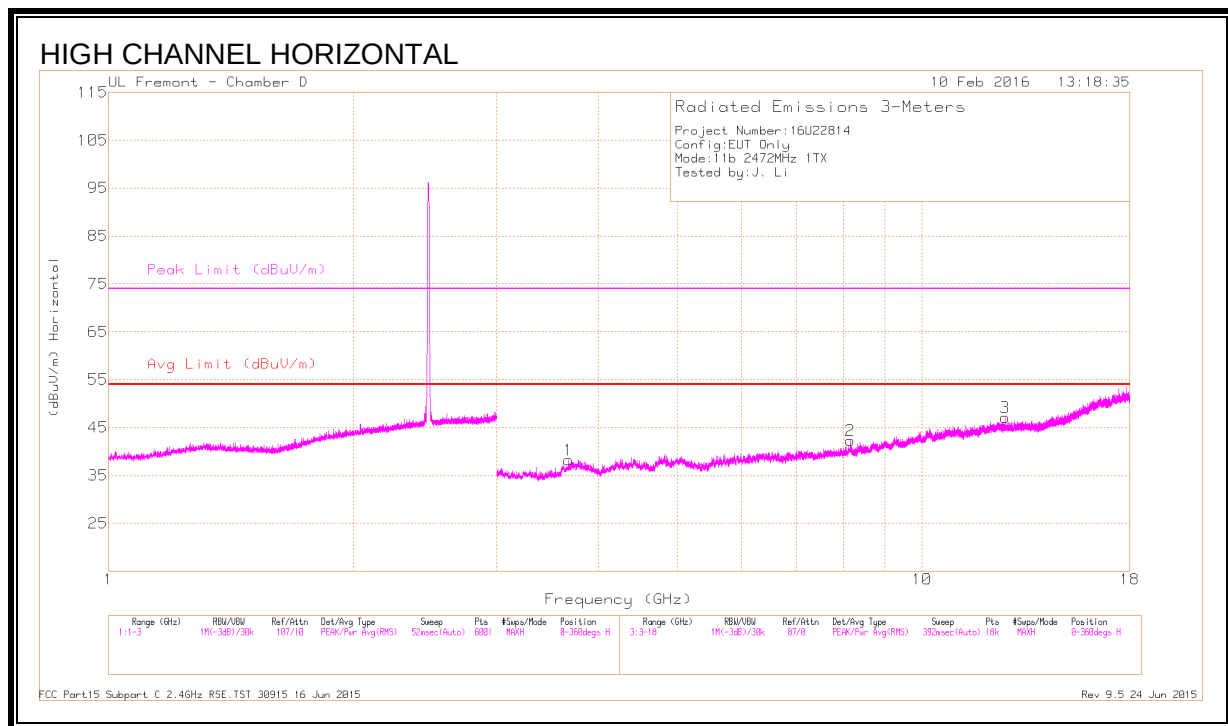
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.727	39.11	PK2	33.2	-28.5	43.81	-	-	74	-30.19	182	364	H
* 3.727	27.14	MAv1	33.2	-28.5	31.84	54	-22.16	-	-	182	364	H
* 4.764	37.68	PK2	34.1	-26.4	45.38	-	-	74	-28.62	182	295	H
* 4.766	26.32	MAv1	34.1	-26.4	34.02	54	-19.98	-	-	182	295	H
* 12.119	34.9	PK2	38.8	-20.8	52.9	-	-	74	-21.1	360	122	H
* 12.117	22.77	MAv1	38.8	-20.8	40.77	54	-13.23	-	-	360	122	H
* 11.918	33.9	PK2	38.5	-20.6	51.8	-	-	74	-22.2	319	302	V
* 11.918	22.8	MAv1	38.5	-20.6	40.7	54	-13.3	-	-	319	302	V
* 12.496	34.45	PK2	39.1	-20.5	53.05	-	-	74	-20.95	61	277	V
* 12.498	22.76	MAv1	39.1	-20.6	41.26	54	-12.74	-	-	61	277	V
4.494	37.68	PK2	34	-27.5	44.18	-	-	-	-	332	216	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS 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)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.704	41.44	PK2	28.8	-21.5	48.74	-	-	74	-25.26	133	172	V
	* 1.706	30.15	MAv1	28.9	-21.5	37.55	54	-16.45	-	-	133	172	V
1	* 3.678	38.86	PK2	33.2	-28.9	43.16	-	-	74	-30.84	84	139	H
	* 3.679	27.8	MAv1	33.2	-28.9	32.1	54	-21.9	-	-	84	139	H
2	* 8.163	34.86	PK2	35.6	-23	47.46	-	-	74	-26.54	302	201	H
	* 8.165	24.13	MAv1	35.6	-23	36.73	54	-17.27	-	-	302	201	H
3	* 12.647	34.9	PK2	39.2	-21	53.1	-	-	74	-20.9	336	198	H
	* 12.645	23.65	MAv1	39.2	-21	41.85	54	-12.15	-	-	336	198	H
5	* 5.064	37.54	PK2	34.2	-26.5	45.24	-	-	74	-28.76	261	245	V
	* 5.065	26.38	MAv1	34.2	-26.6	33.98	54	-20.02	-	-	261	245	V
6	* 11.584	34.05	PK2	38.1	-20.4	51.75	-	-	74	-22.25	170	311	V
	* 11.584	22.98	MAv1	38.1	-20.4	40.68	54	-13.32	-	-	170	311	V

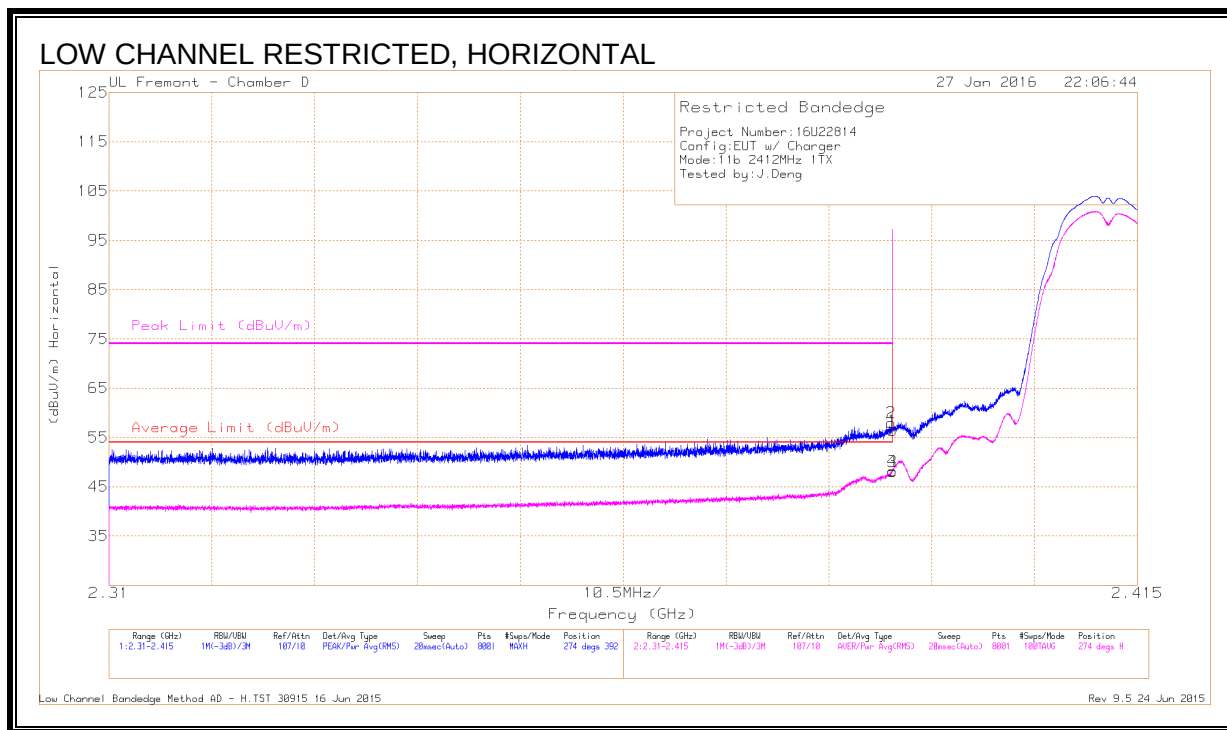
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

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)



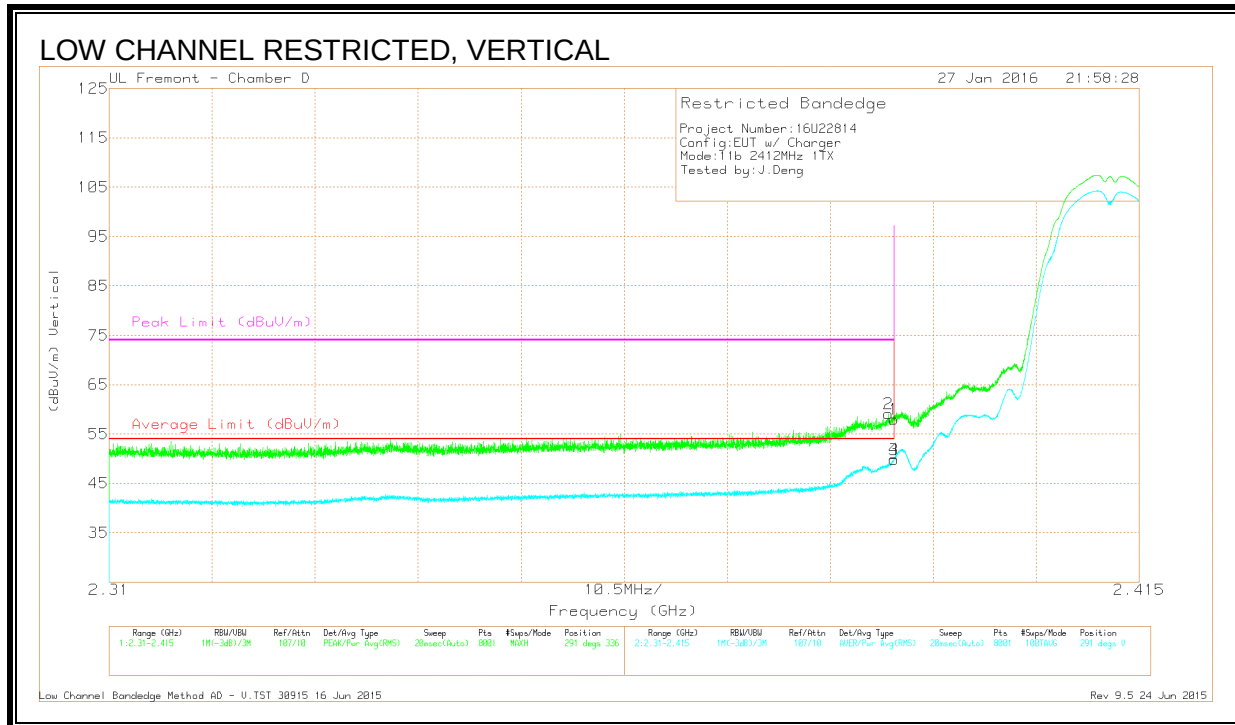
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ 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	45	Pk	32.1	-20.7	56.4	-	-	74	-17.6	274	392	H
2	* 2.39	46.59	Pk	32.1	-20.7	57.99	-	-	74	-16.01	274	392	H
3	* 2.39	36.67	RMS	32.1	-20.7	48.07	54	-5.93	-	-	274	392	H
4	* 2.39	36.81	RMS	32.1	-20.7	48.21	54	-5.79	-	-	274	392	H

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

Pk - Peak detector

RMS - RMS detection



DATA

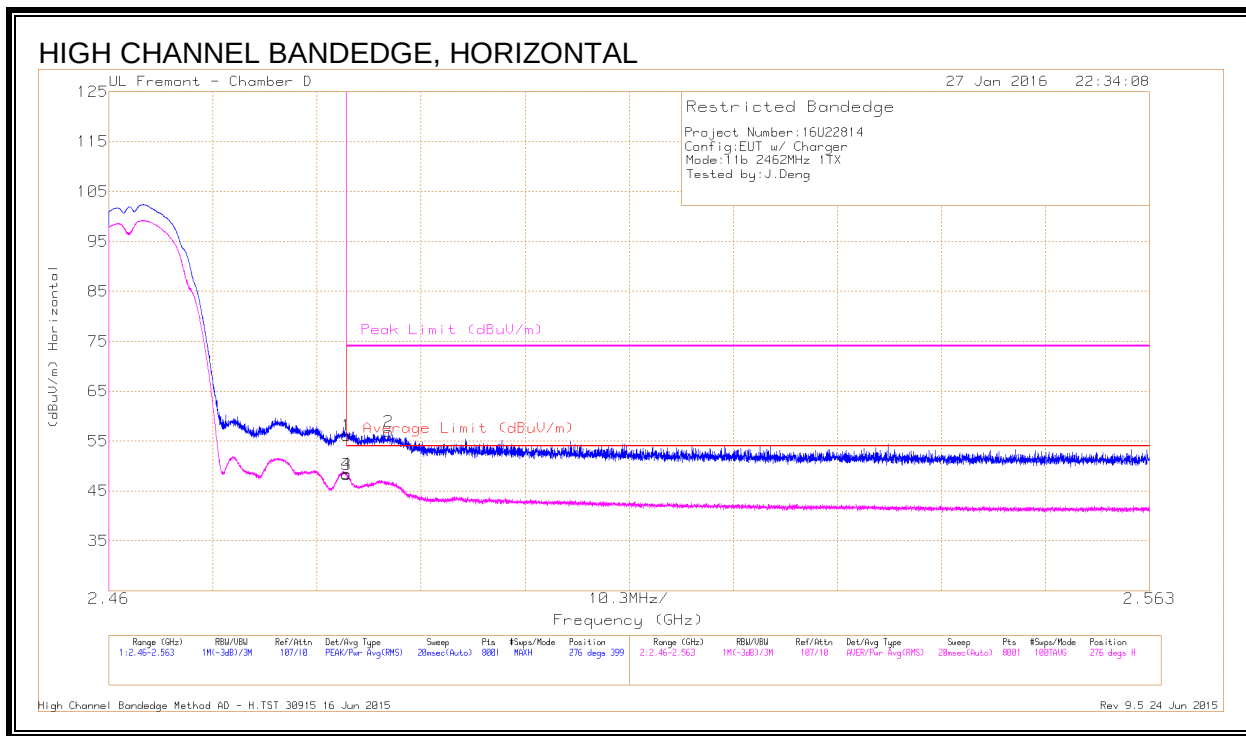
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.6	Pk	32.1	-20.7	58	-	-	74	-16	291	336	V
2	* 2.389	47.72	Pk	32.1	-20.7	59.12	-	-	74	-14.88	291	336	V
3	* 2.39	38.38	RMS	32.1	-20.7	49.78	54	-4.22	-	-	291	336	V
4	* 2.39	38.46	RMS	32.1	-20.7	49.86	54	-4.14	-	-	291	336	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 11)



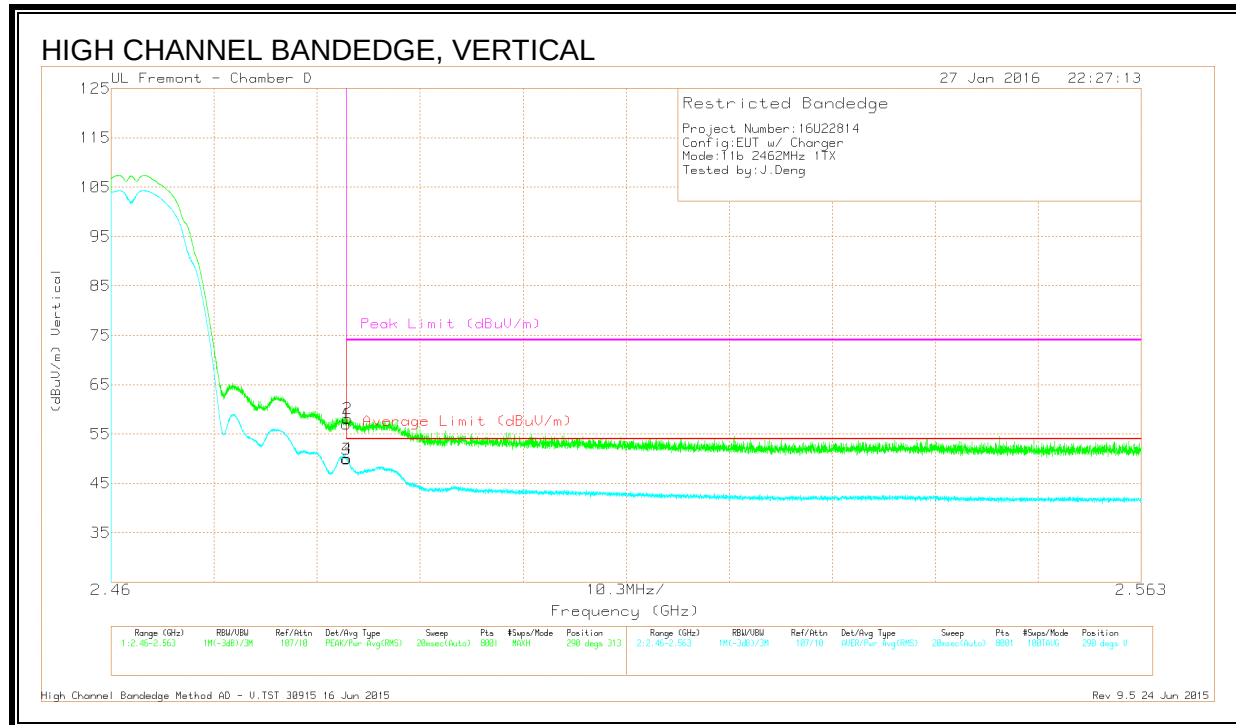
DATA

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	44.71	Pk	32.2	-20.8	56.11	-	-	74	-17.89	276	399	H
2	* 2.488	45.46	Pk	32.2	-20.8	56.86	-	-	74	-17.14	276	399	H
3	* 2.484	36.88	RMS	32.2	-20.8	48.28	54	-5.72	-	-	276	399	H
4	* 2.484	37.02	RMS	32.2	-20.8	48.42	54	-5.58	-	-	276	399	H

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

Pk - Peak detector

RMS - RMS detection



DATA

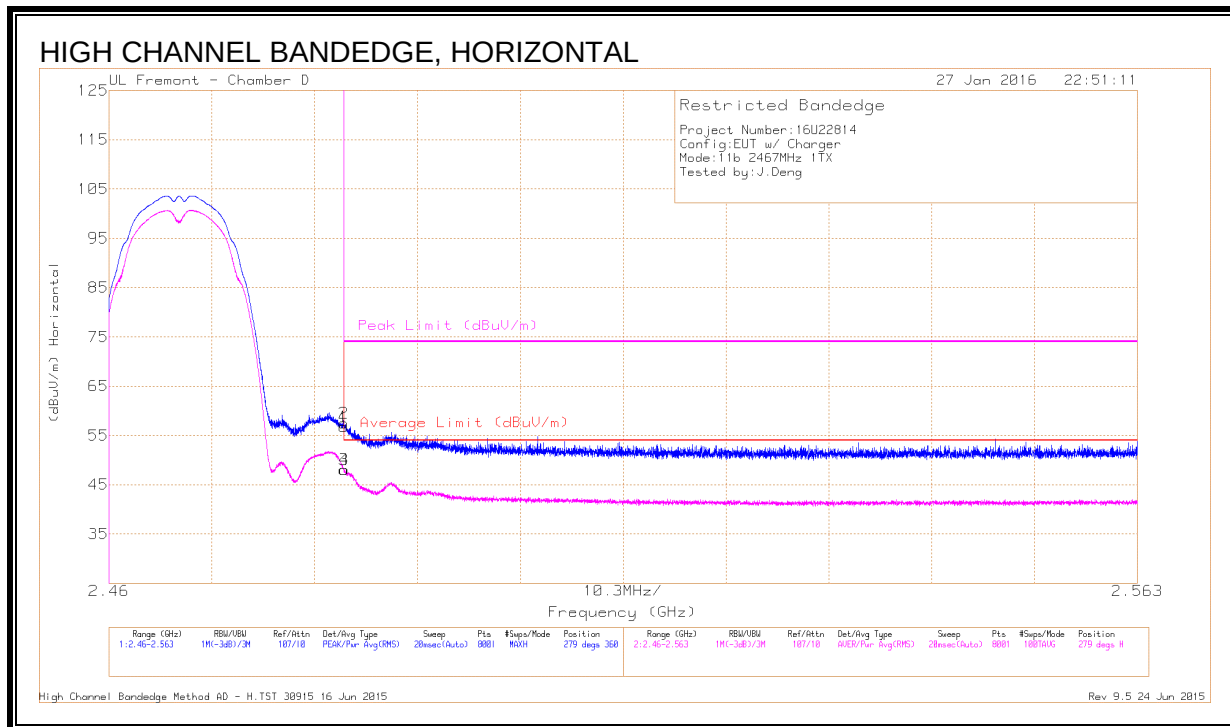
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.63	Pk	32.2	-20.8	57.03	-	-	74	-16.97	290	313	V
2	* 2.484	46.71	Pk	32.2	-20.8	58.11	-	-	74	-15.89	290	313	V
3	* 2.484	38.53	RMS	32.2	-20.8	49.93	54	-4.07	-	-	290	313	V
4	* 2.484	38.68	RMS	32.2	-20.8	50.08	54	-3.92	-	-	290	313	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 12)



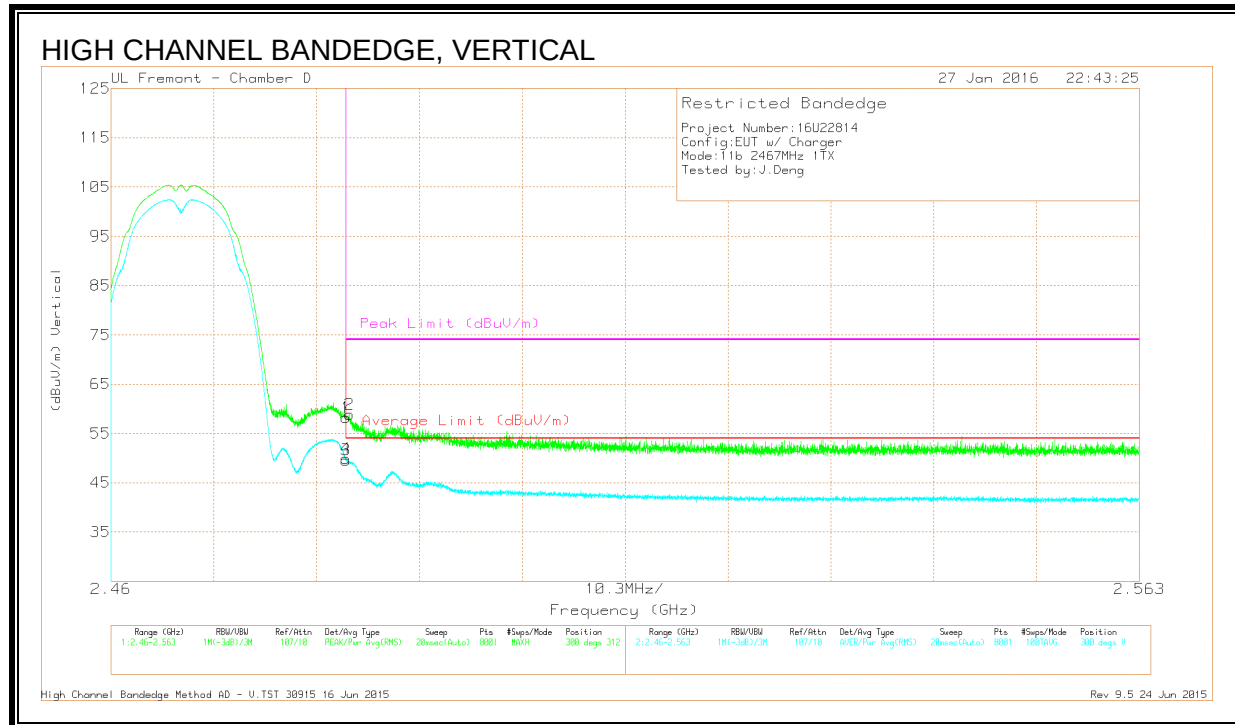
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fltr/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	45.39	Pk	32.2	-20.8	56.79	-	-	74	-17.21	279	360	H
2	* 2.484	46.1	Pk	32.2	-20.8	57.5	-	-	74	-16.5	279	360	H
3	* 2.484	36.62	RMS	32.2	-20.8	48.02	54	-5.98	-	-	279	360	H
4	* 2.484	36.65	RMS	32.2	-20.8	48.05	54	-5.95	-	-	279	360	H

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

Pk - Peak detector

RMS - RMS detection



DATA

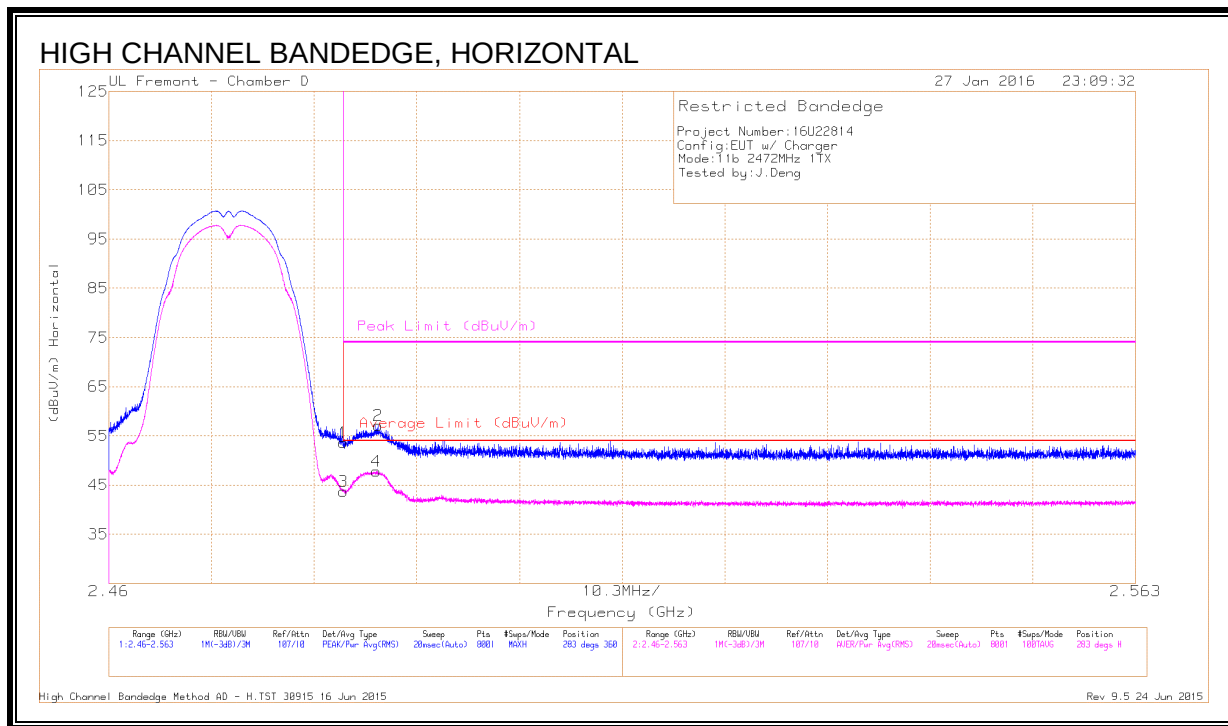
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.8	Pk	32.2	-20.8	58.2	-	-	74	-15.8	300	312	V
2	* 2.484	47.51	Pk	32.2	-20.8	58.91	-	-	74	-15.09	300	312	V
3	* 2.484	38.21	RMS	32.2	-20.8	49.61	54	-4.39	-	-	300	312	V
4	* 2.484	38.48	RMS	32.2	-20.8	49.88	54	-4.12	-	-	300	312	V

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

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 13)



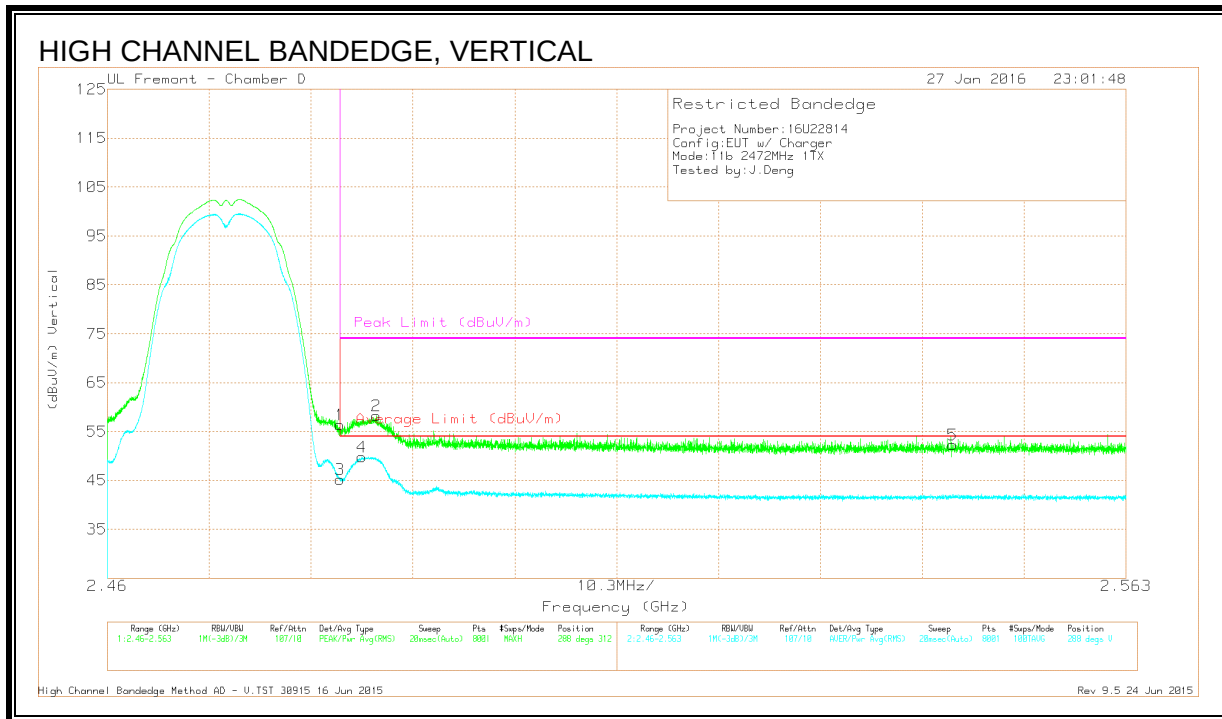
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Filt/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	42.23	Pk	32.2	-20.8	53.63	-	-	74	-20.37	283	360	H
2	* 2.487	45.7	Pk	32.2	-20.8	57.1	-	-	74	-16.9	283	360	H
3	* 2.484	32.33	RMS	32.2	-20.8	43.73	54	-10.27	-	-	283	360	H
4	* 2.487	36.44	RMS	32.2	-20.8	47.84	54	-6.16	-	-	283	360	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/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	45.01	Pk	32.2	-20.8	56.41	-	-	74	-17.59	288	312	V
2	* 2.487	46.83	Pk	32.2	-20.8	58.23	-	-	74	-15.77	288	312	V
3	* 2.484	33.83	RMS	32.2	-20.8	45.23	54	-8.77	-	-	288	312	V
4	* 2.486	38.37	RMS	32.2	-20.8	49.77	54	-4.23	-	-	288	312	V
5	2.545	40.7	Pk	32.3	-20.7	52.3	-	-	74	-21.7	288	312	V

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

Pk - Peak detector

RMS - RMS detection