

## 8.25.6. OUT-OF-BAND EMISSIONS

### LIMITS

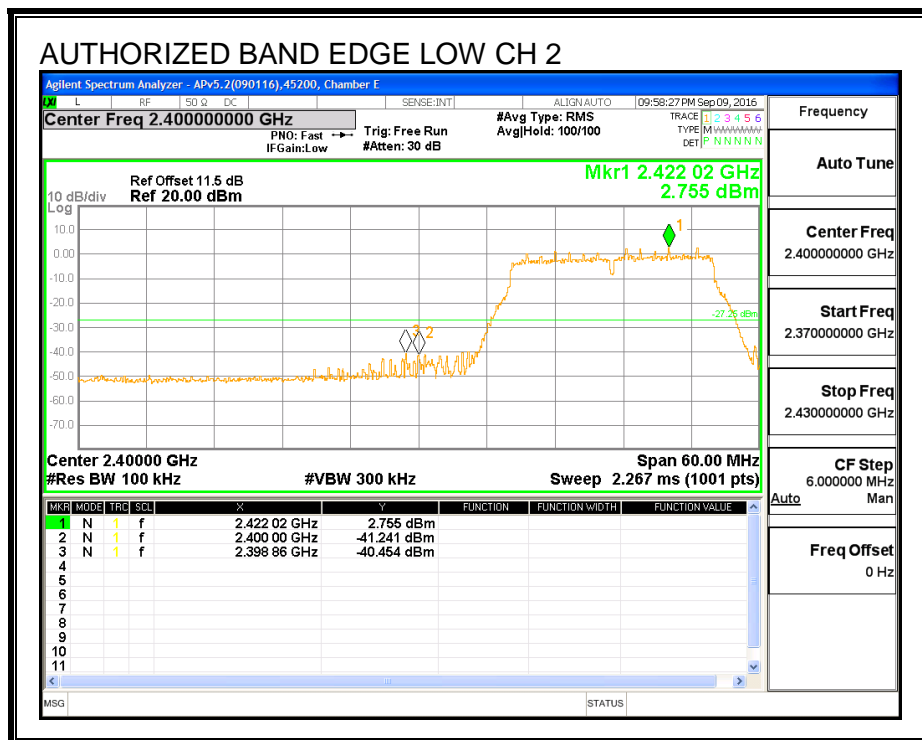
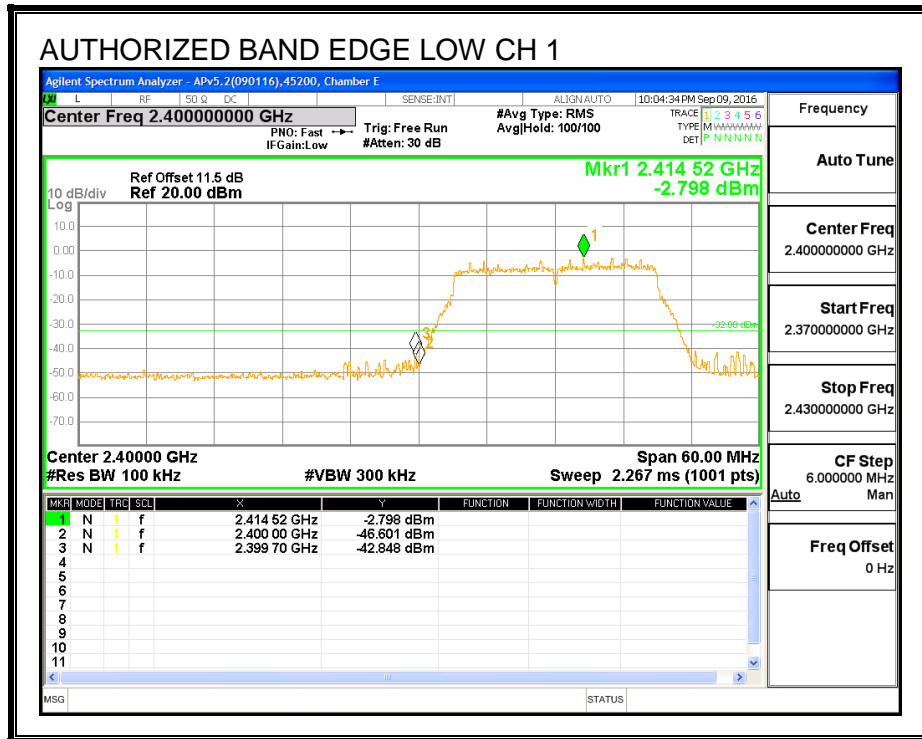
FCC §15.247 (d)

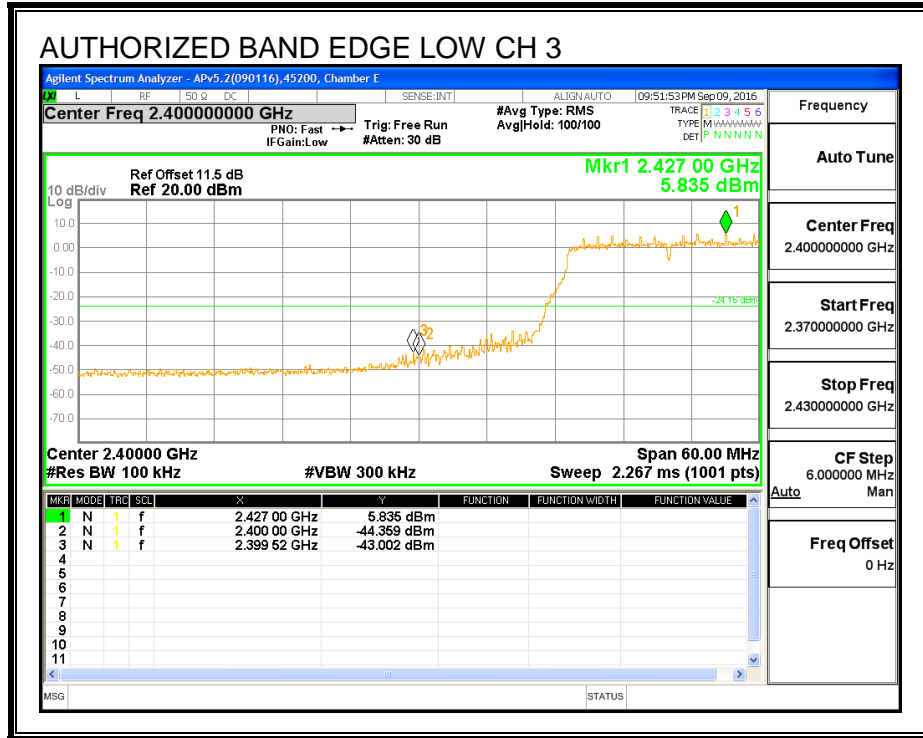
IC RSS-247 (5.5)

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.

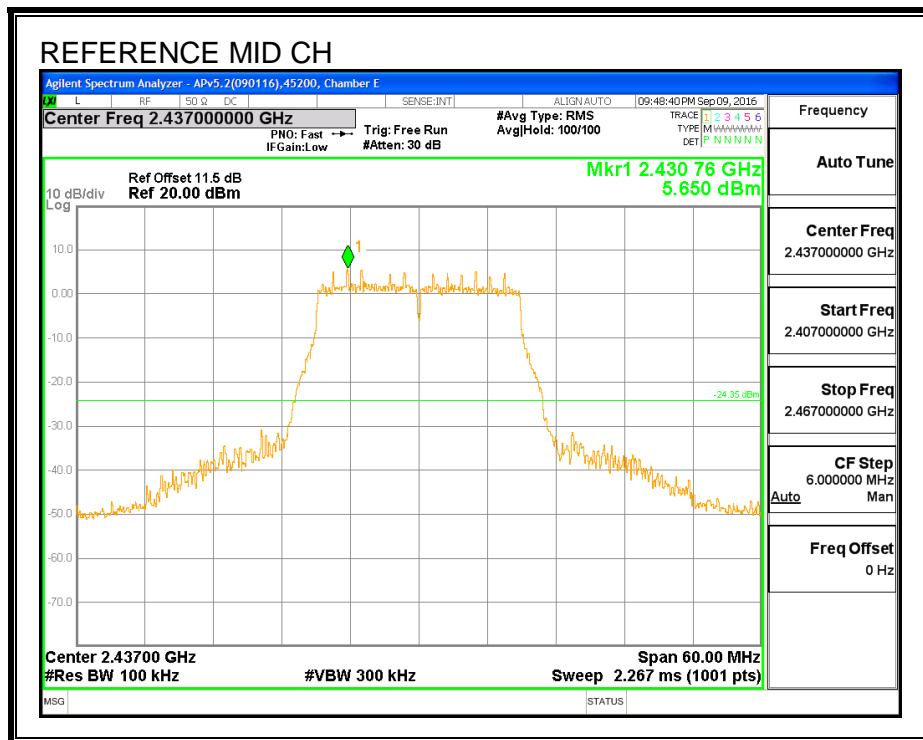
**RESULTS**

**LOW CHANNEL BANDEDGE, Chain 0**

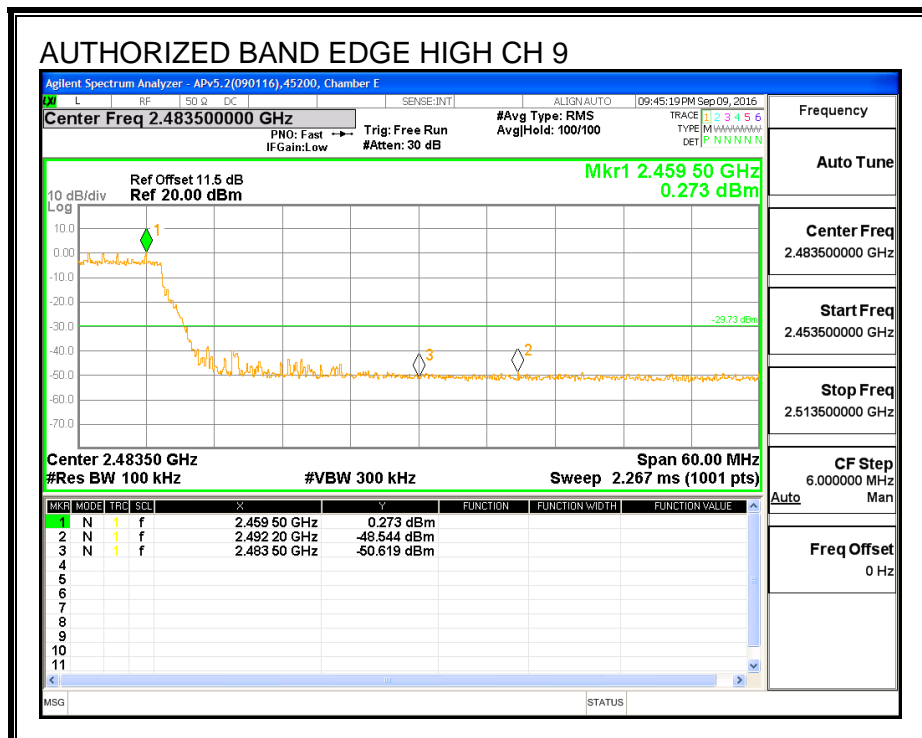
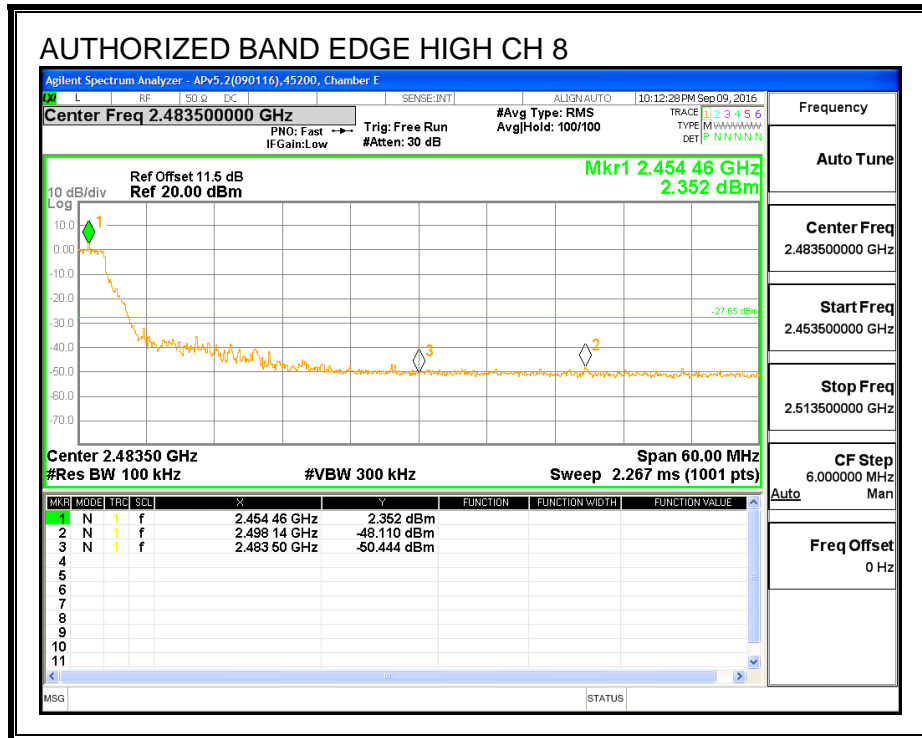


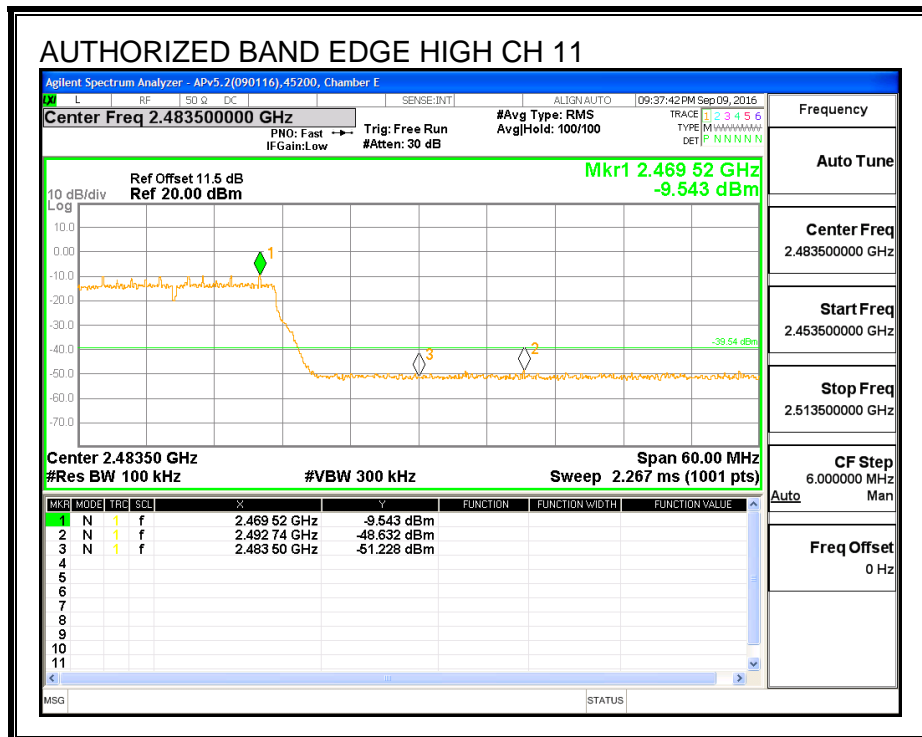
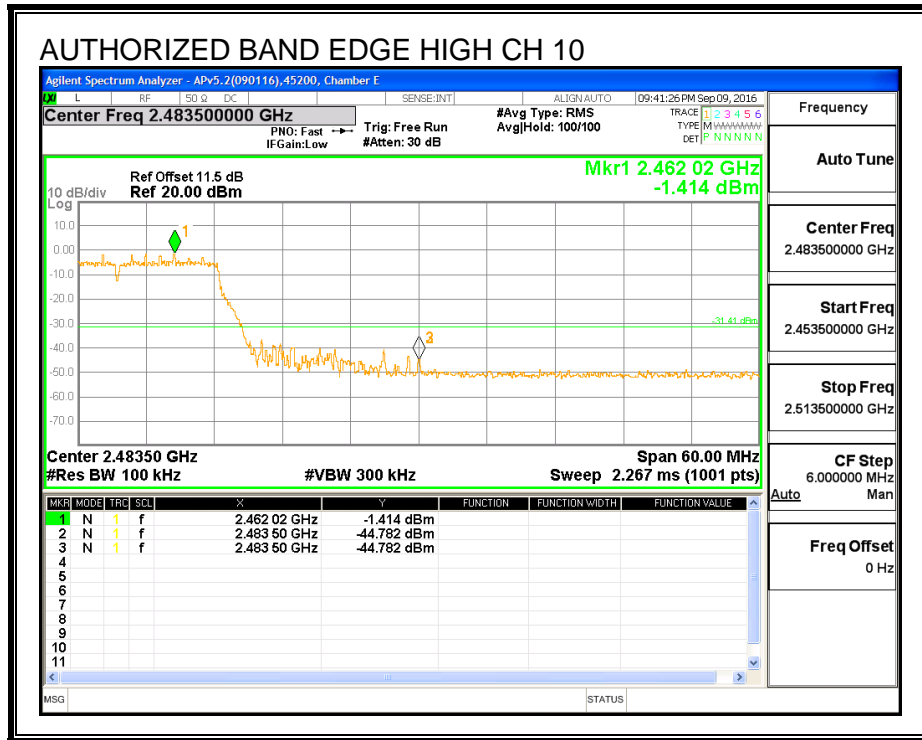


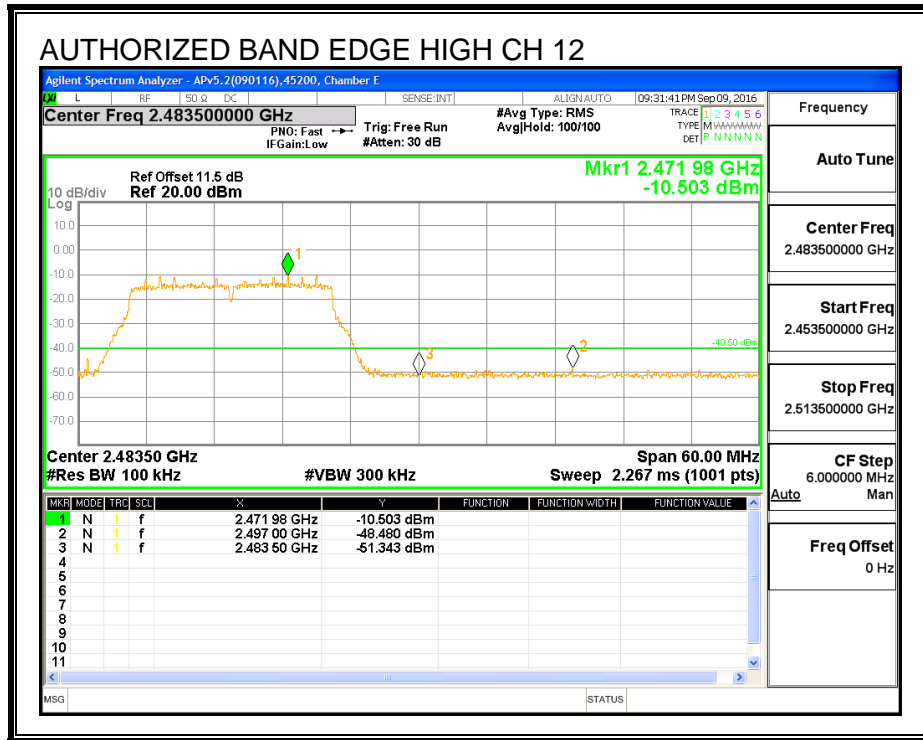
**MID CHANNEL REFERENCE, Chain 0**



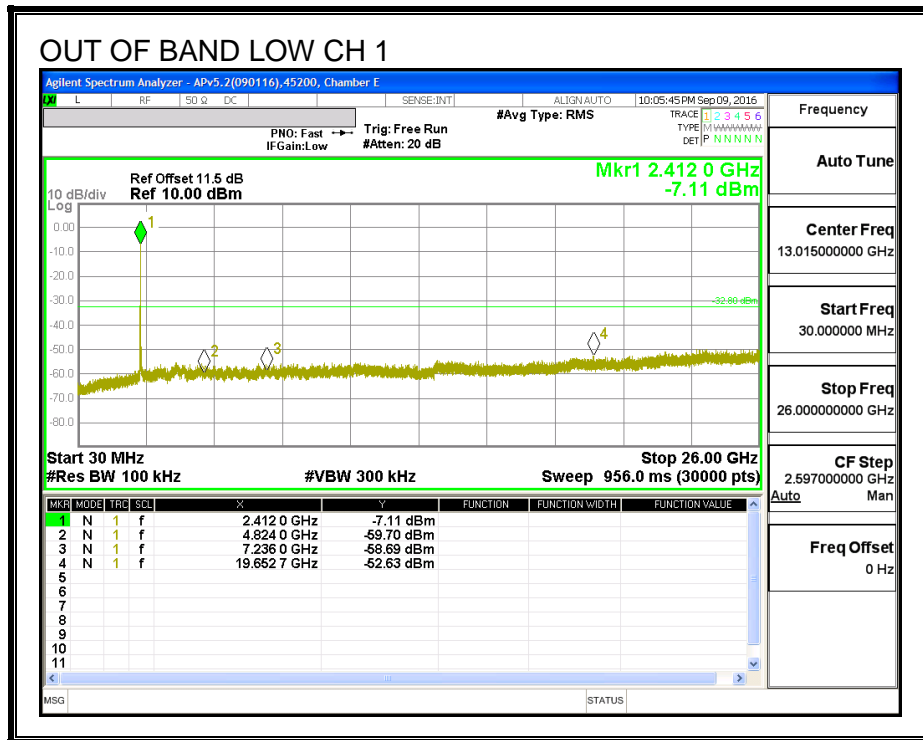
**HIGH CHANNEL BANDEDGE, Chain 0**

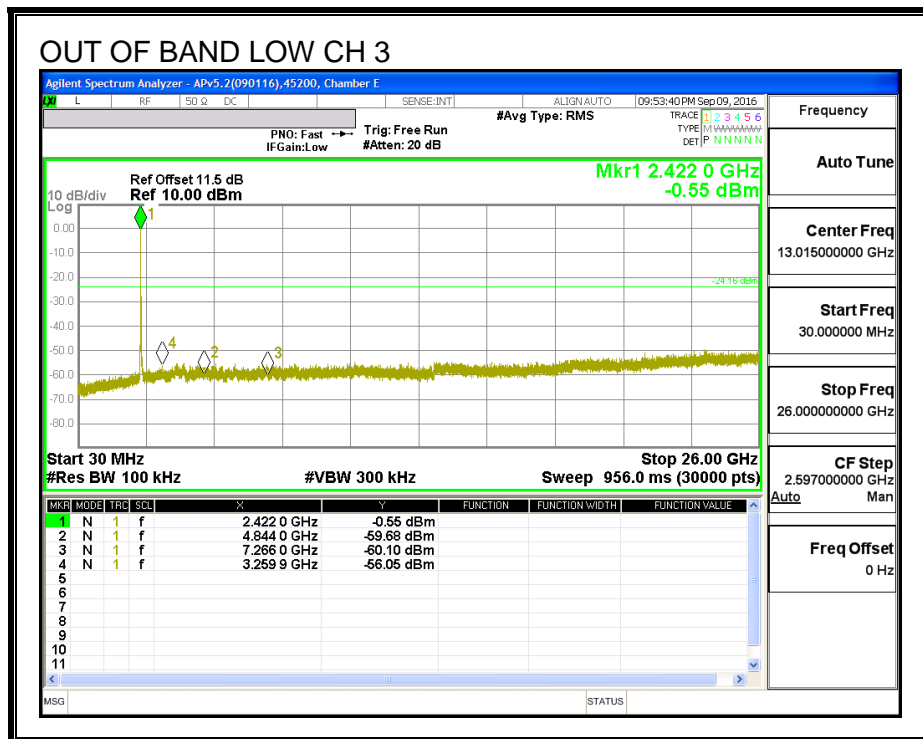
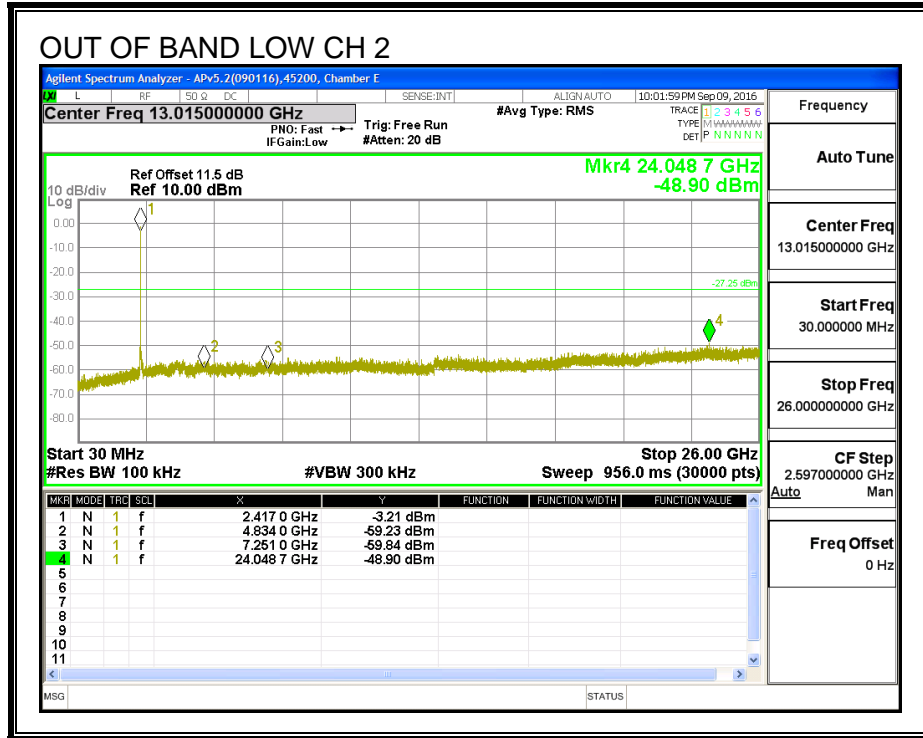


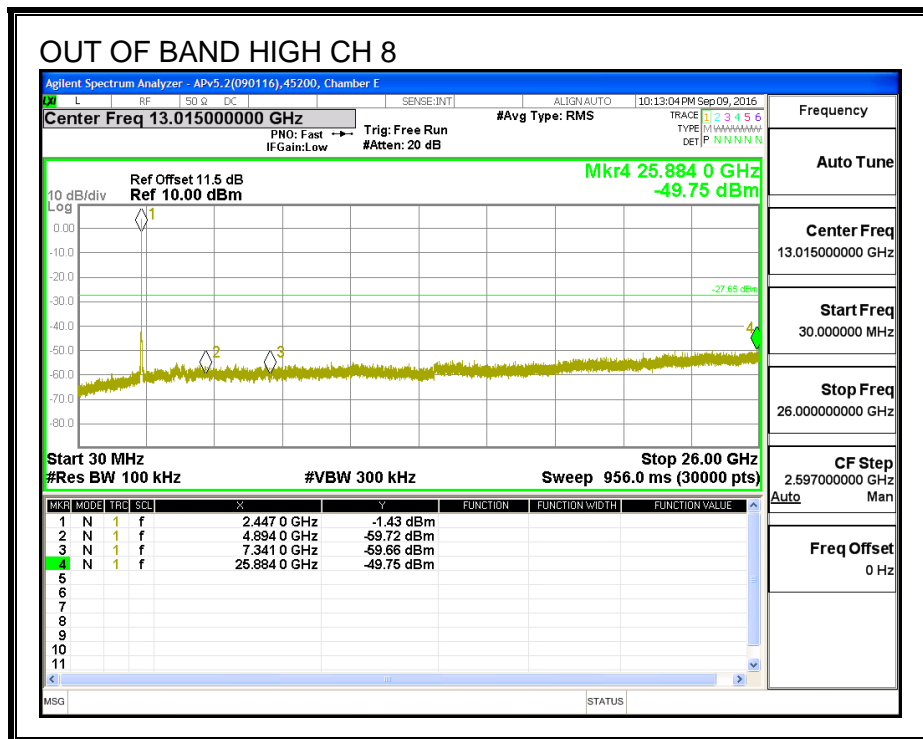
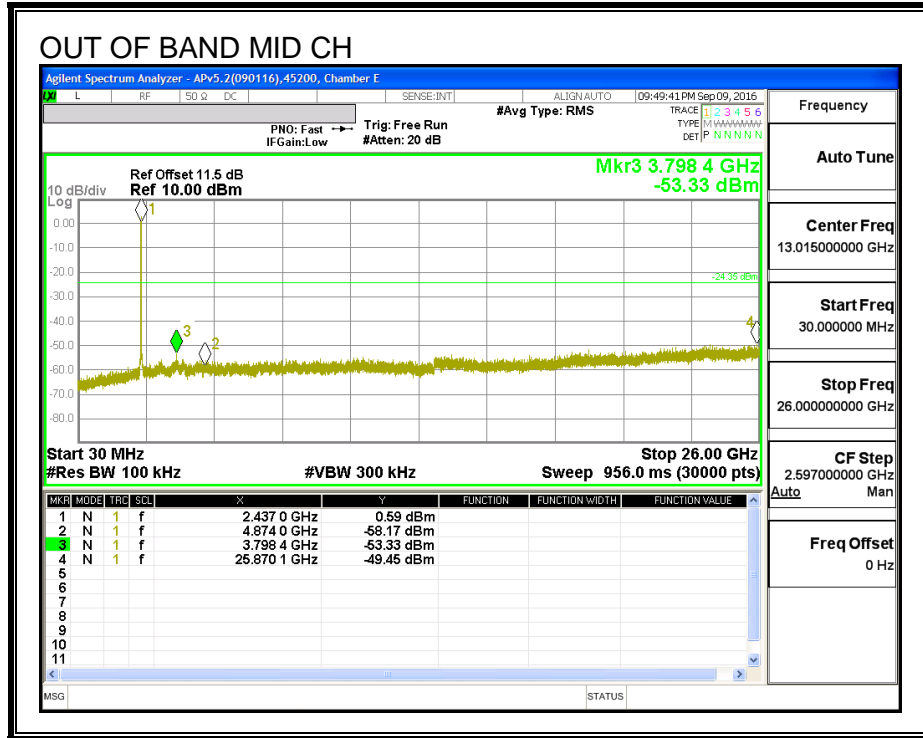




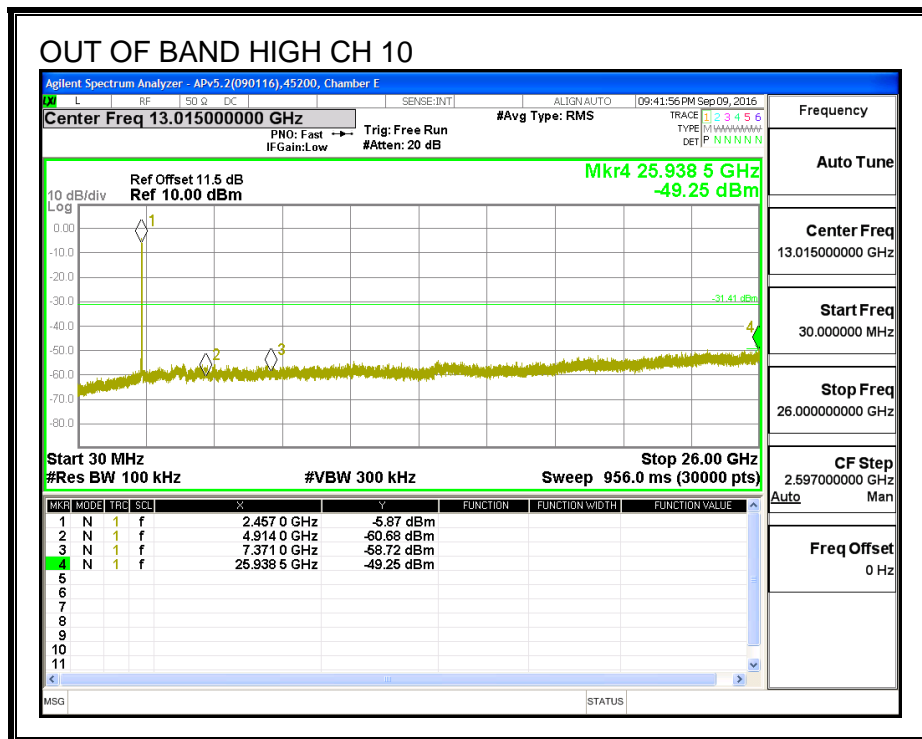
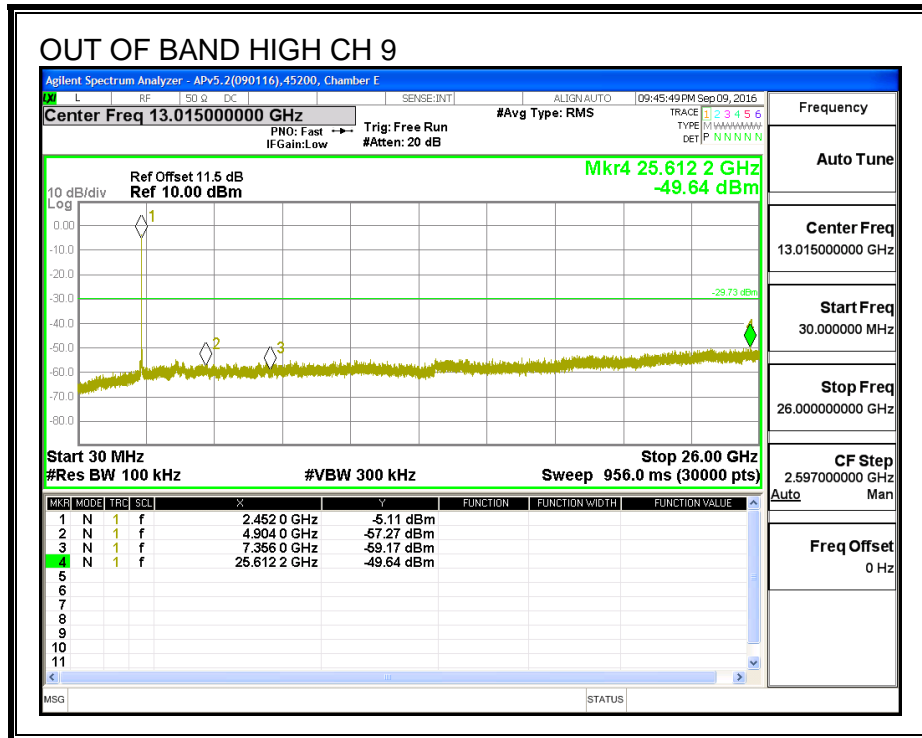
**OUT-OF-BAND EMISSIONS, Chain 0**

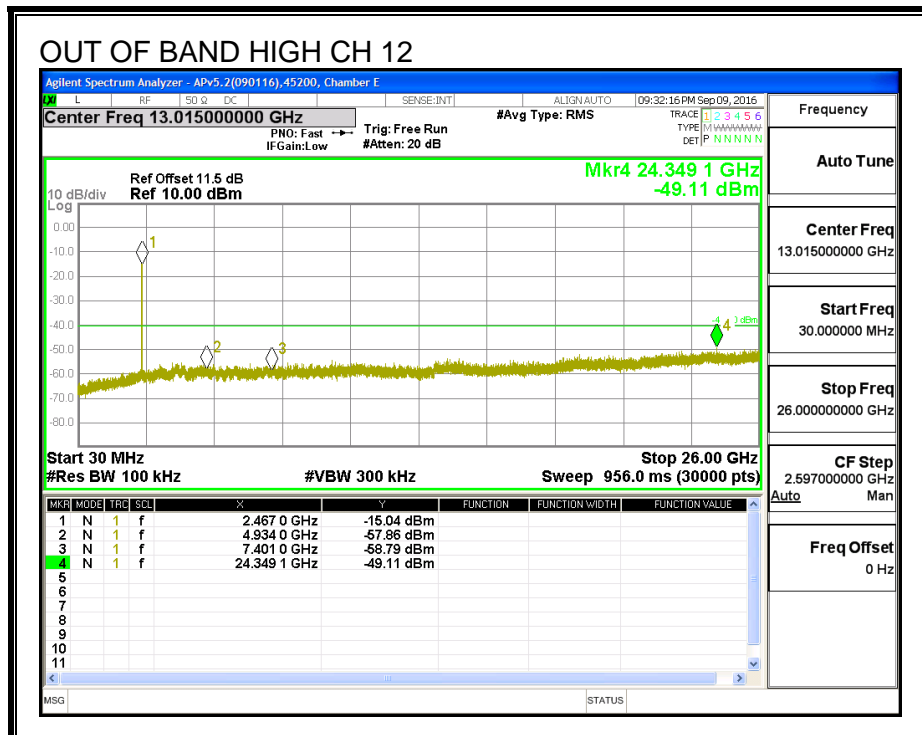
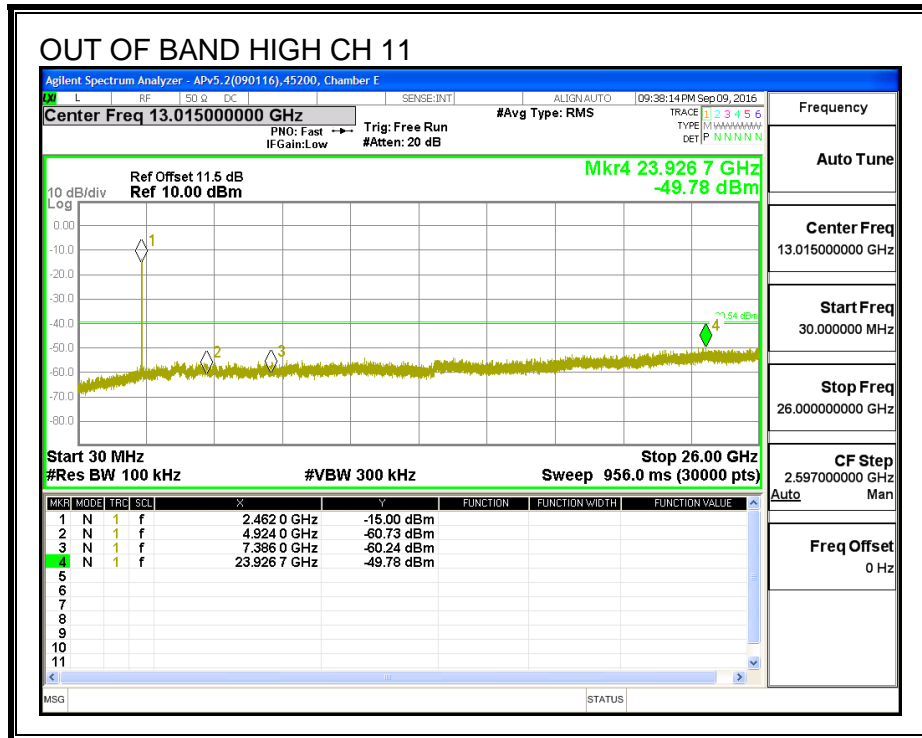




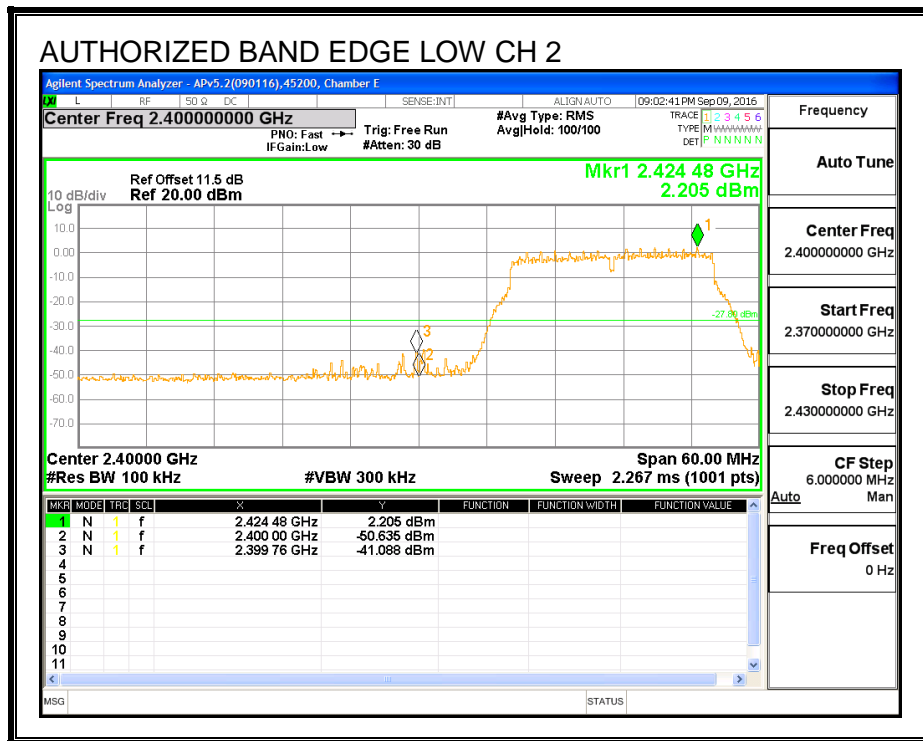
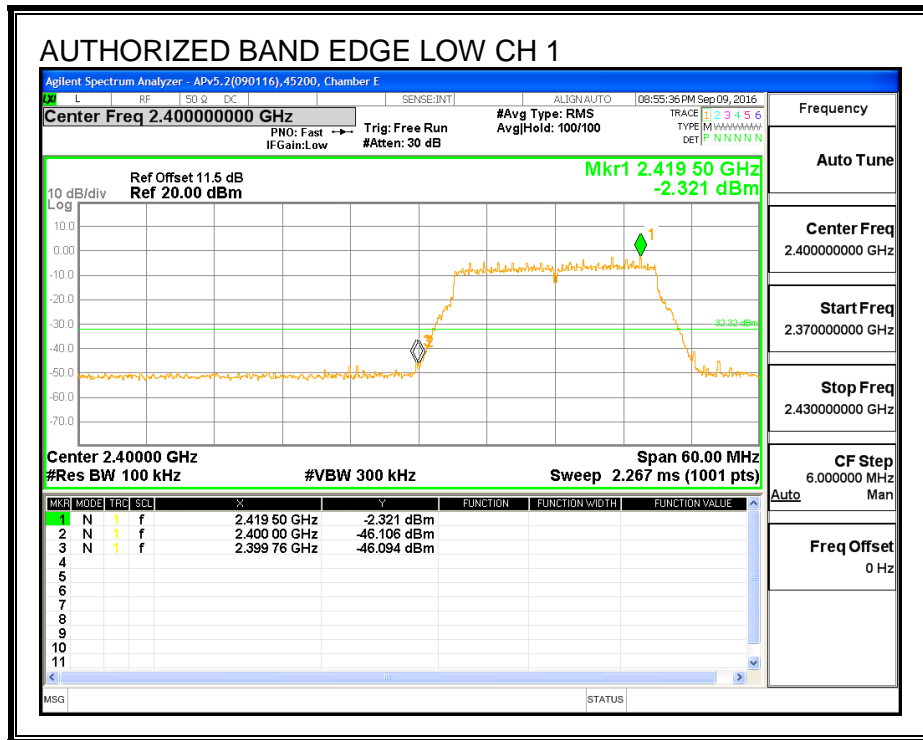


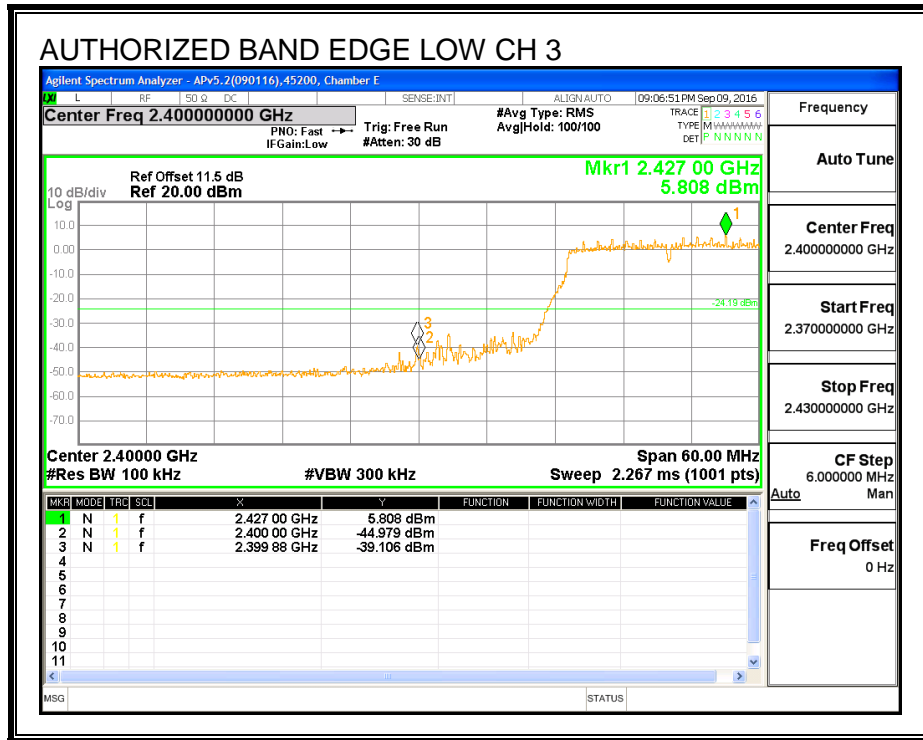




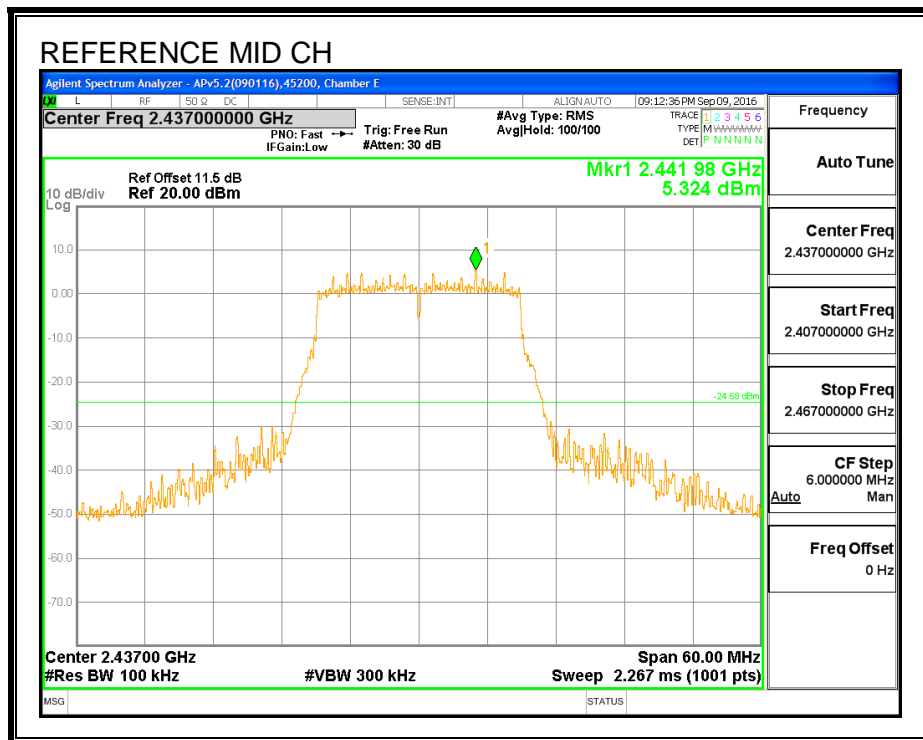


**LOW CHANNEL BANDEDGE, Chain 1**

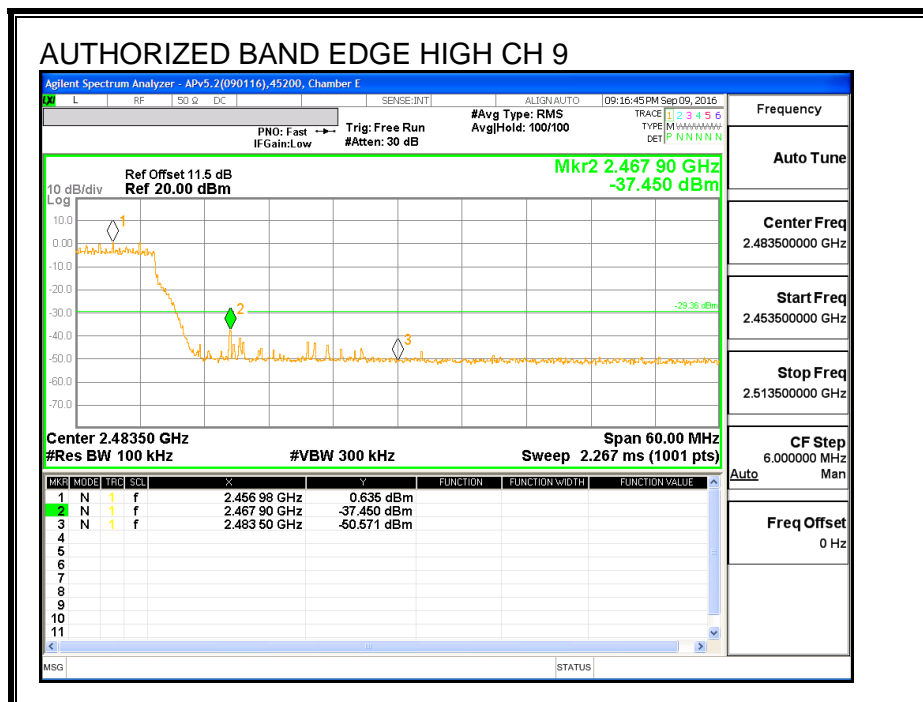
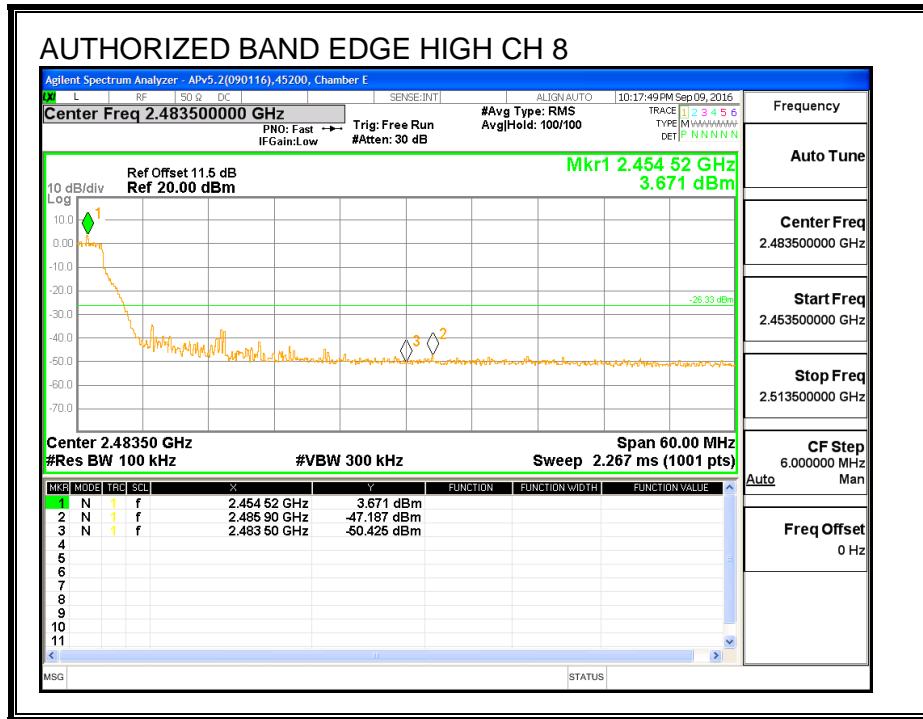


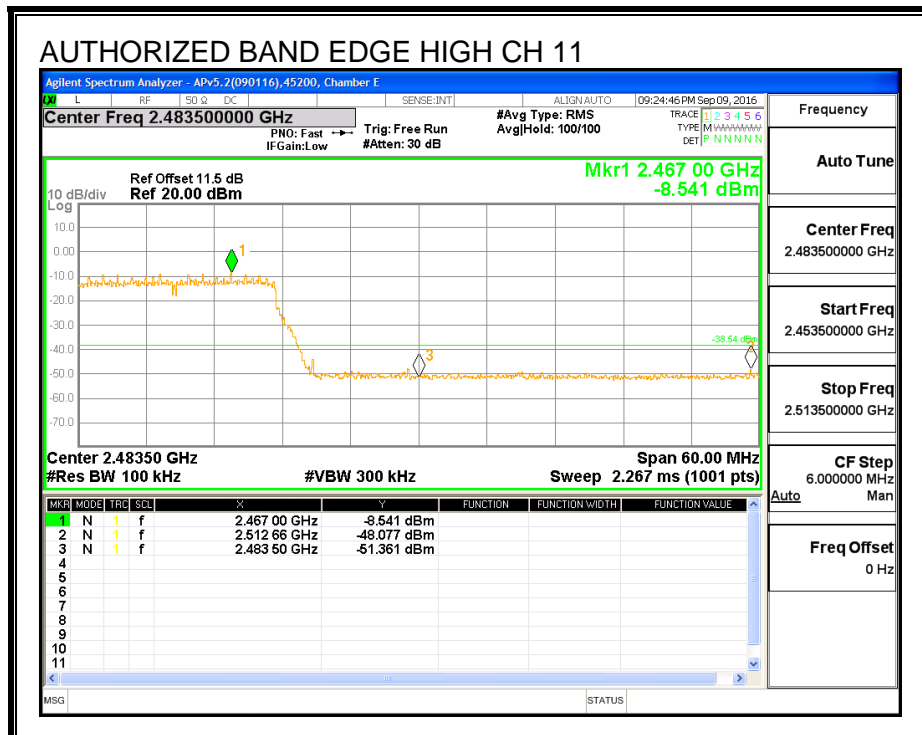
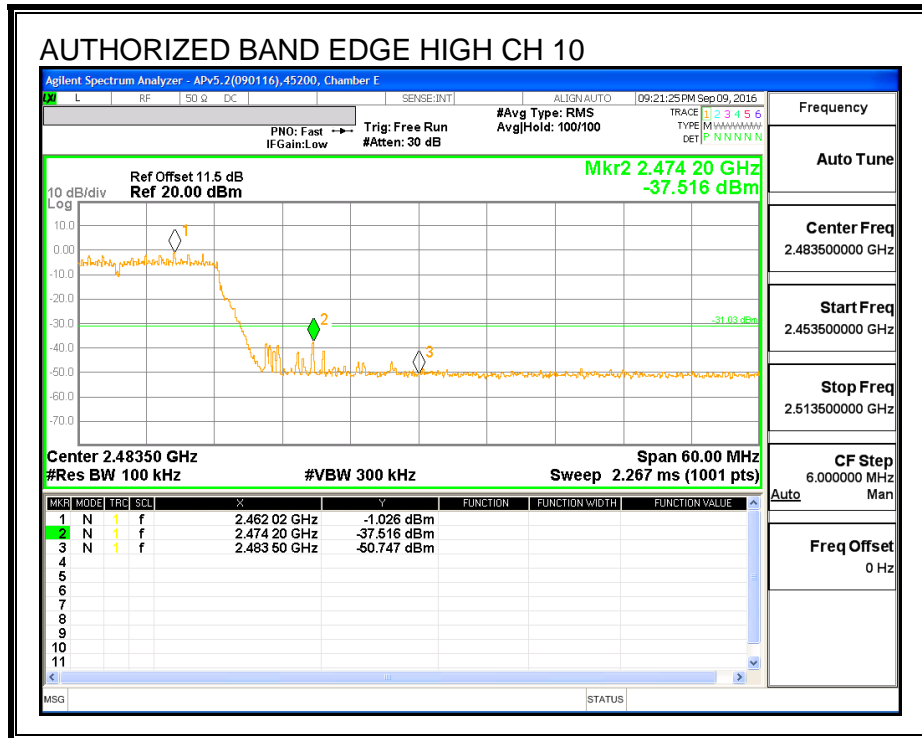


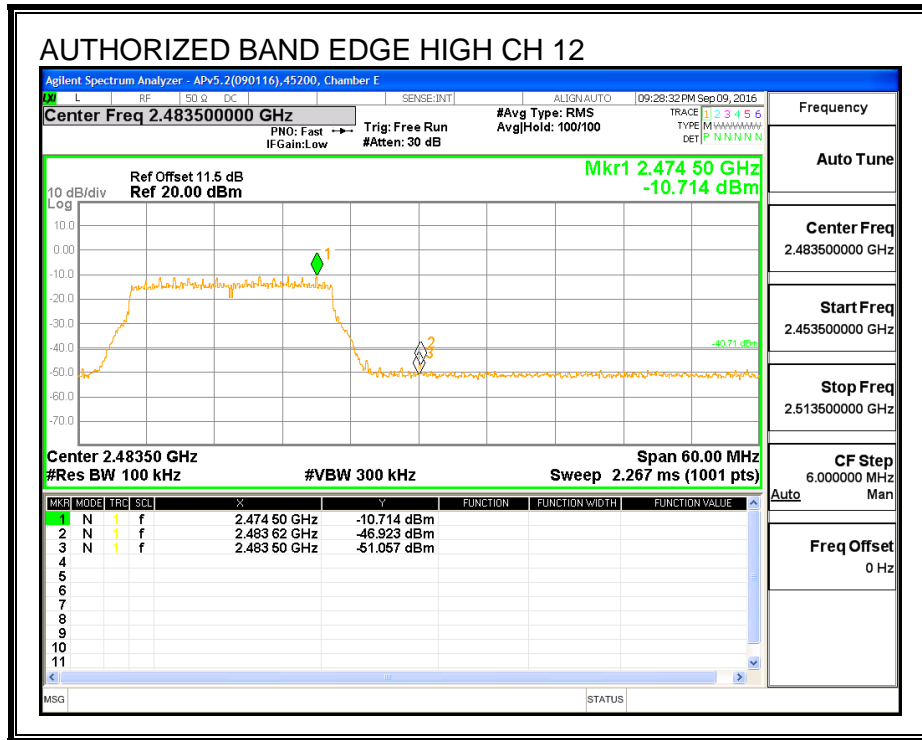
**MID CHANNEL REFERENCE, Chain 1**



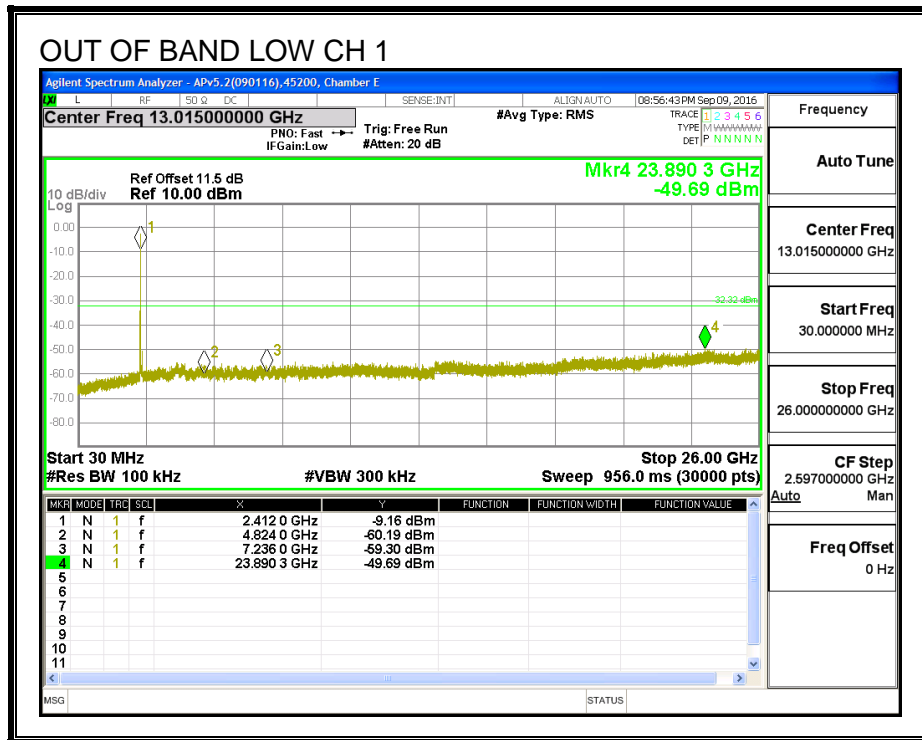
**HIGH CHANNEL BANDEDGE, Chain 1**

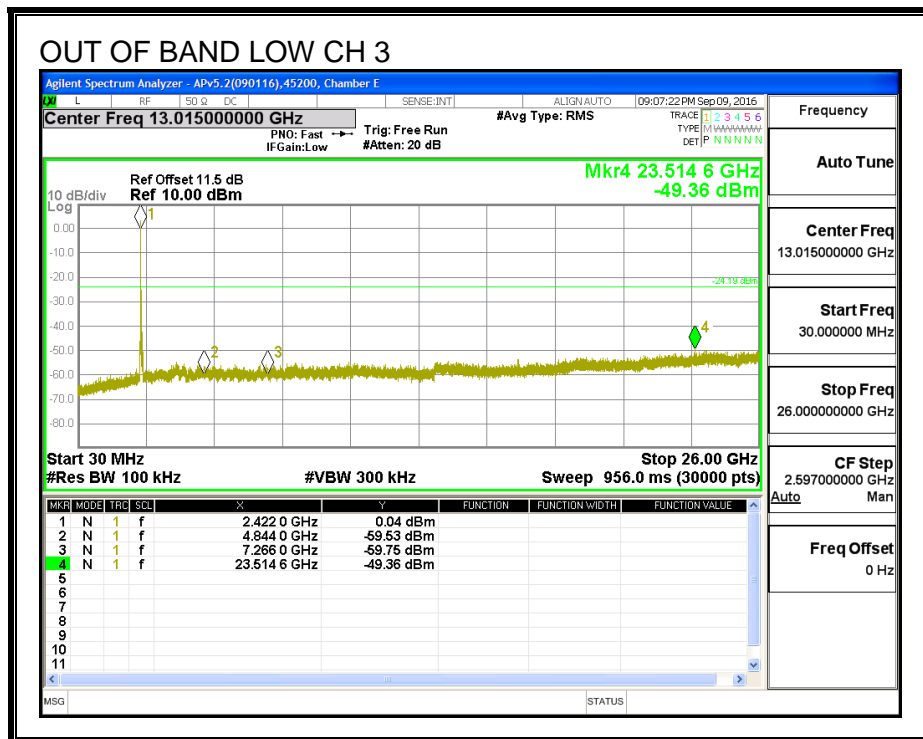
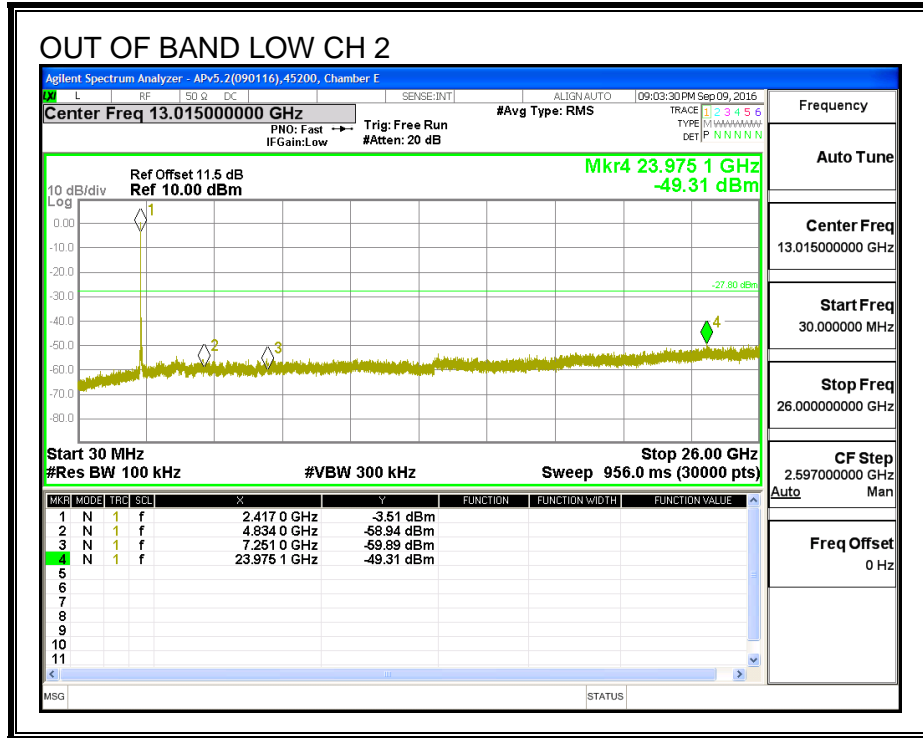




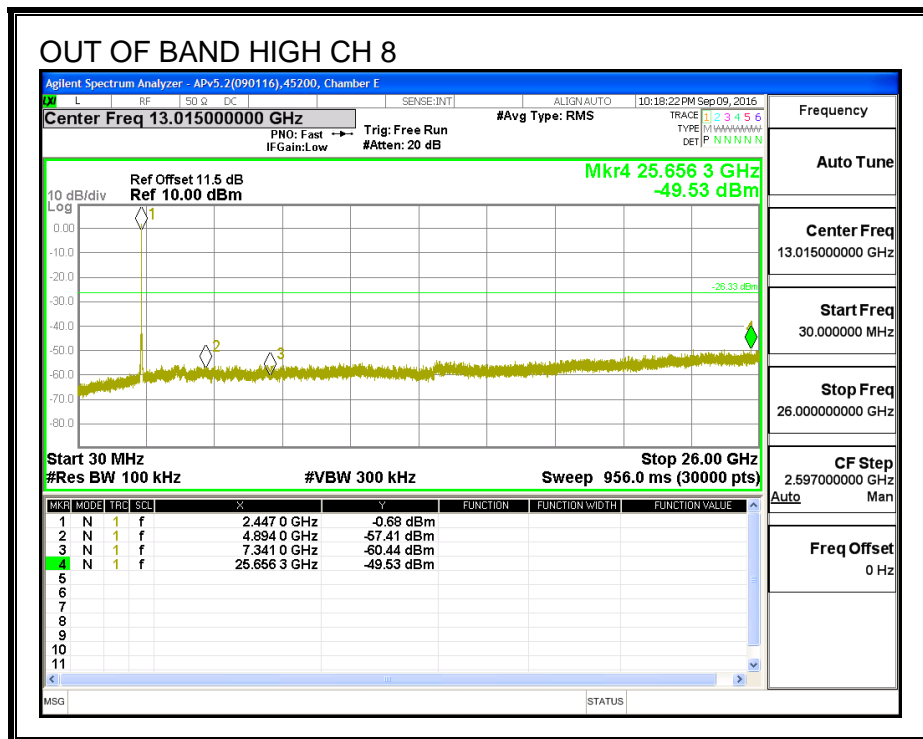
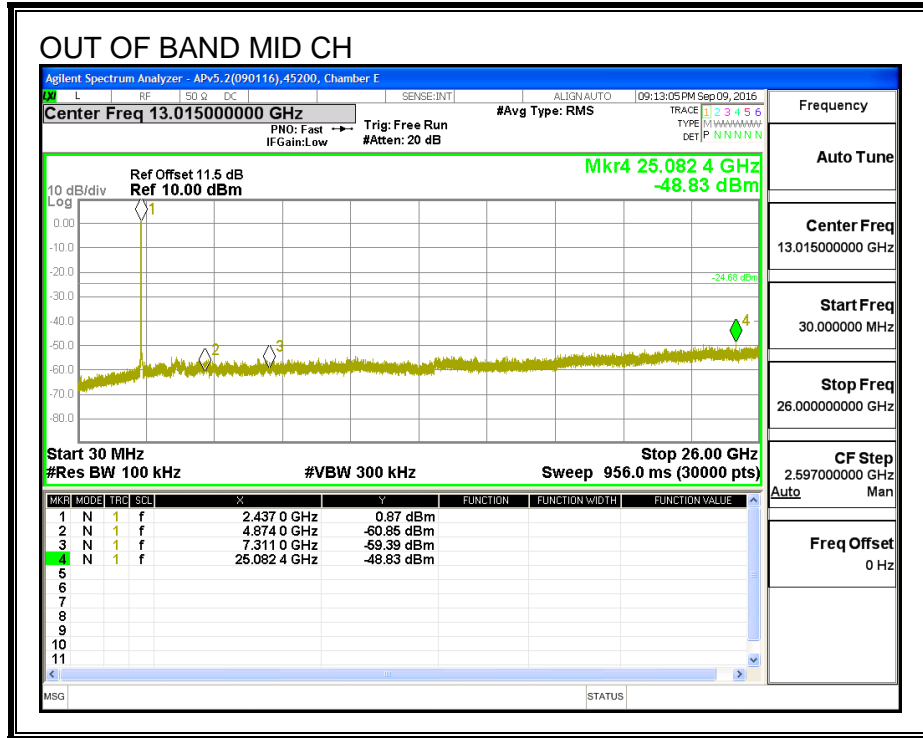


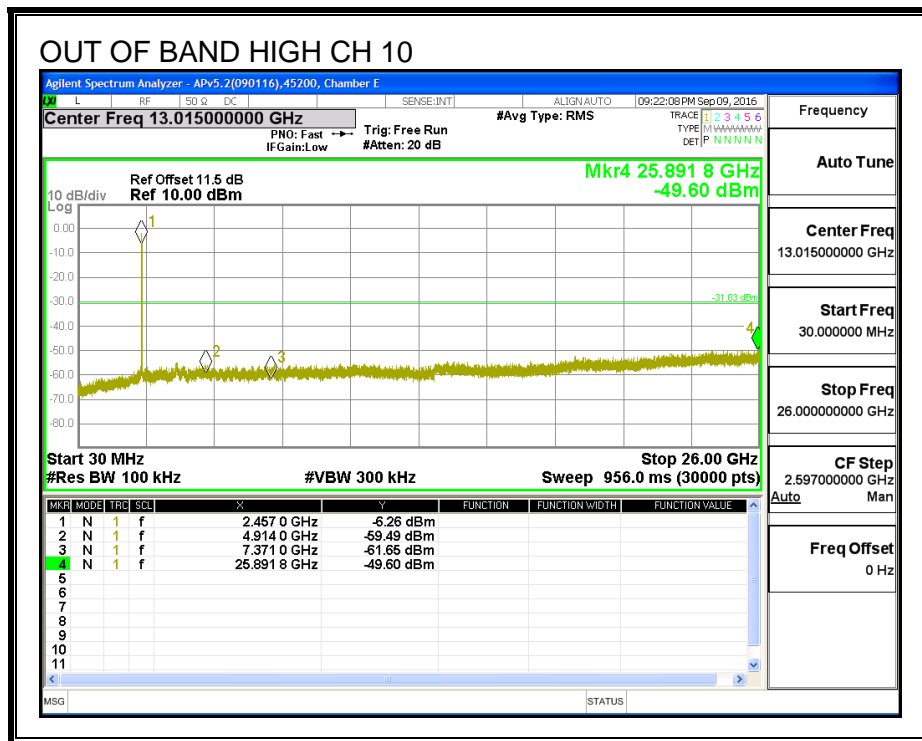
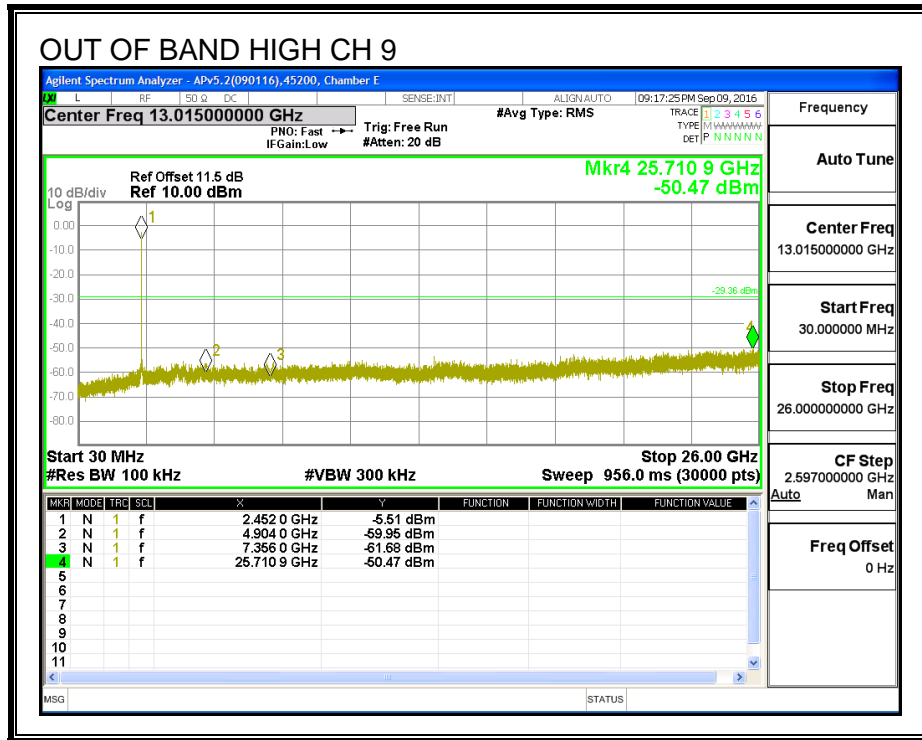
OUT-OF-BAND EMISSIONS, Chain 1

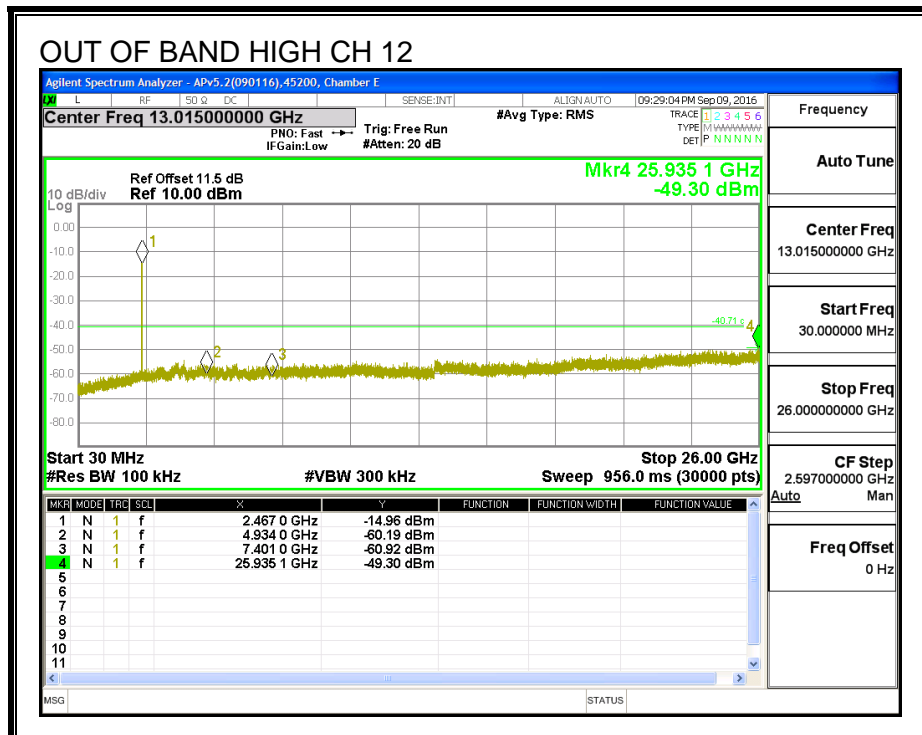
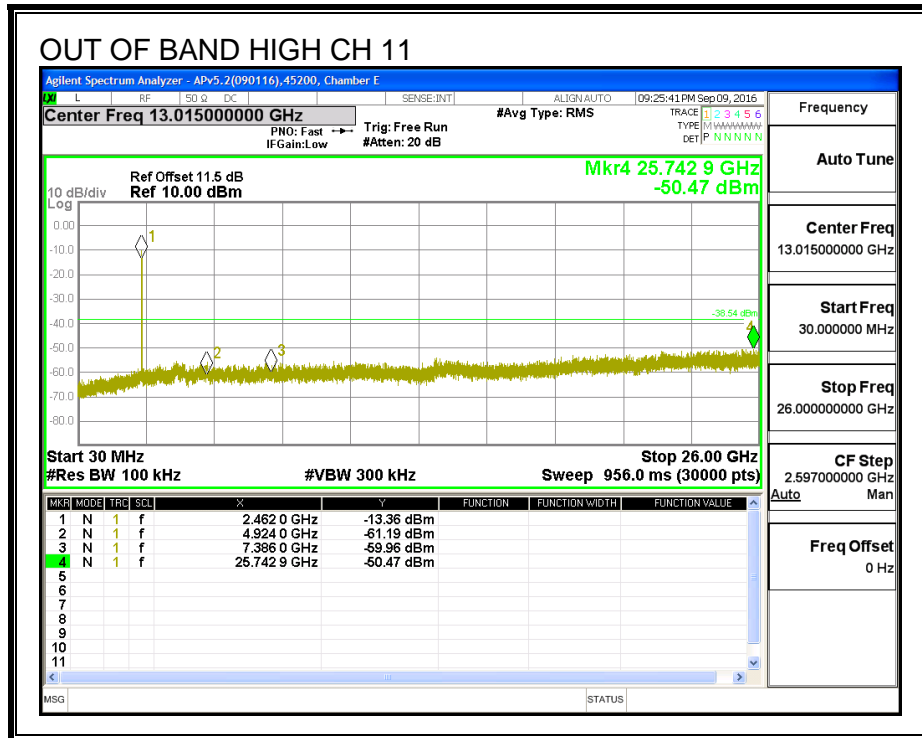




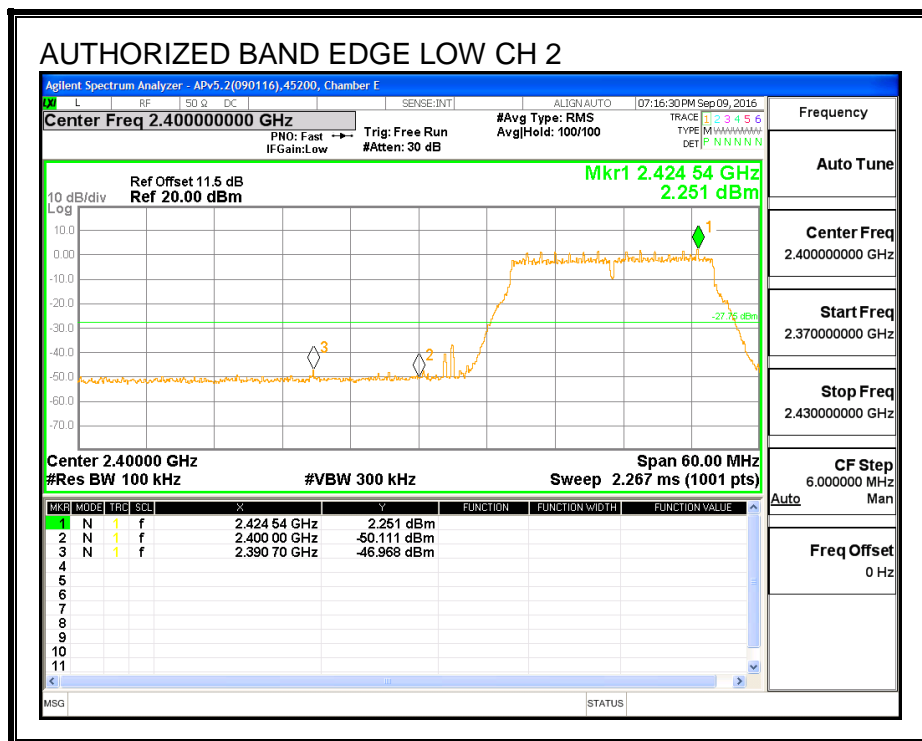
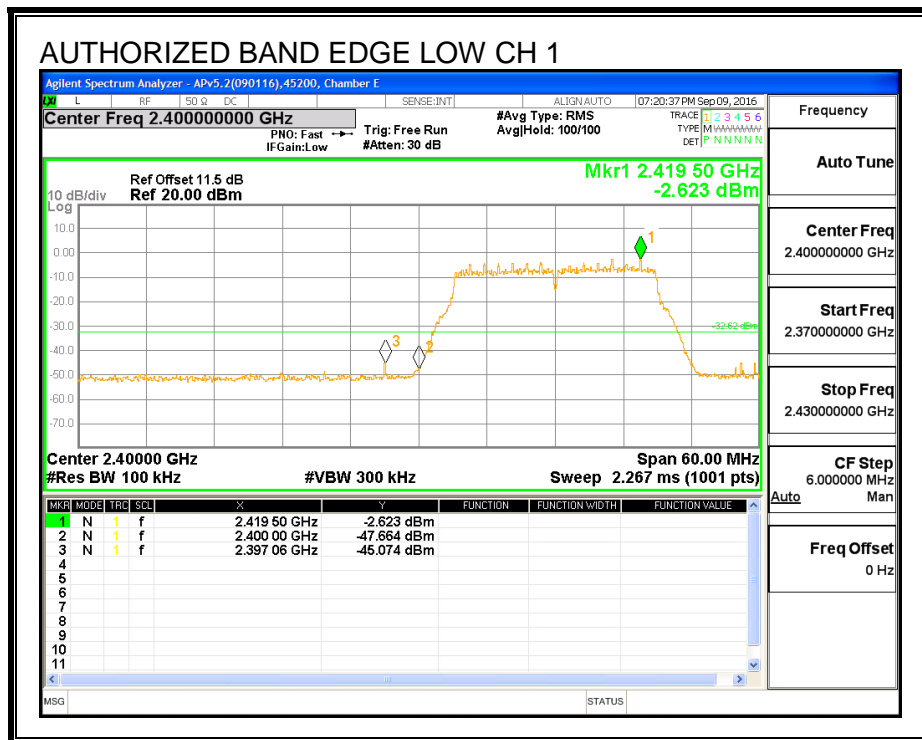


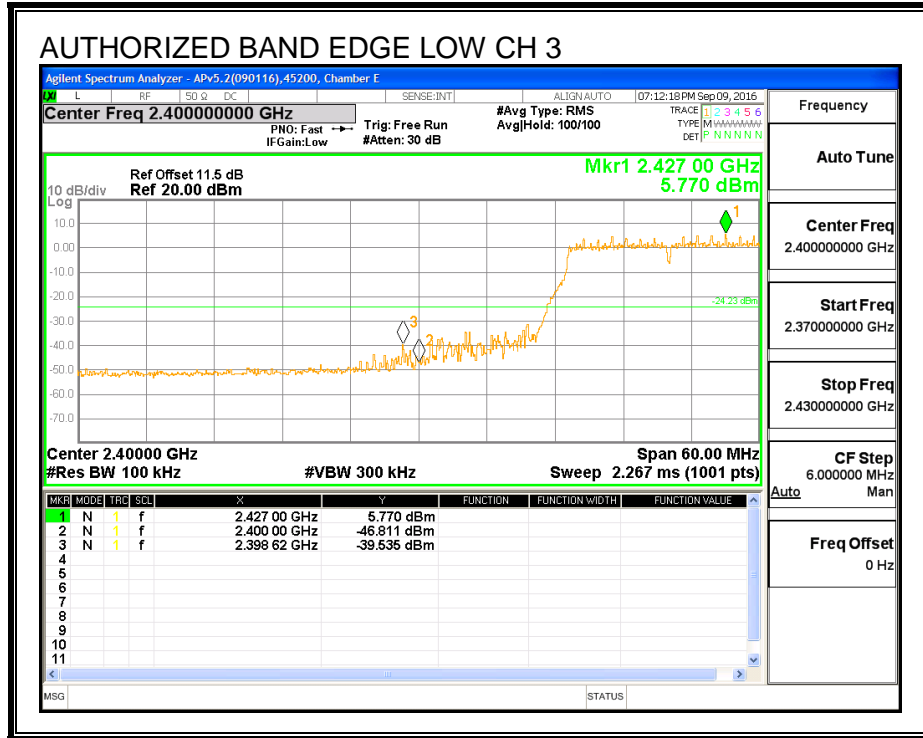




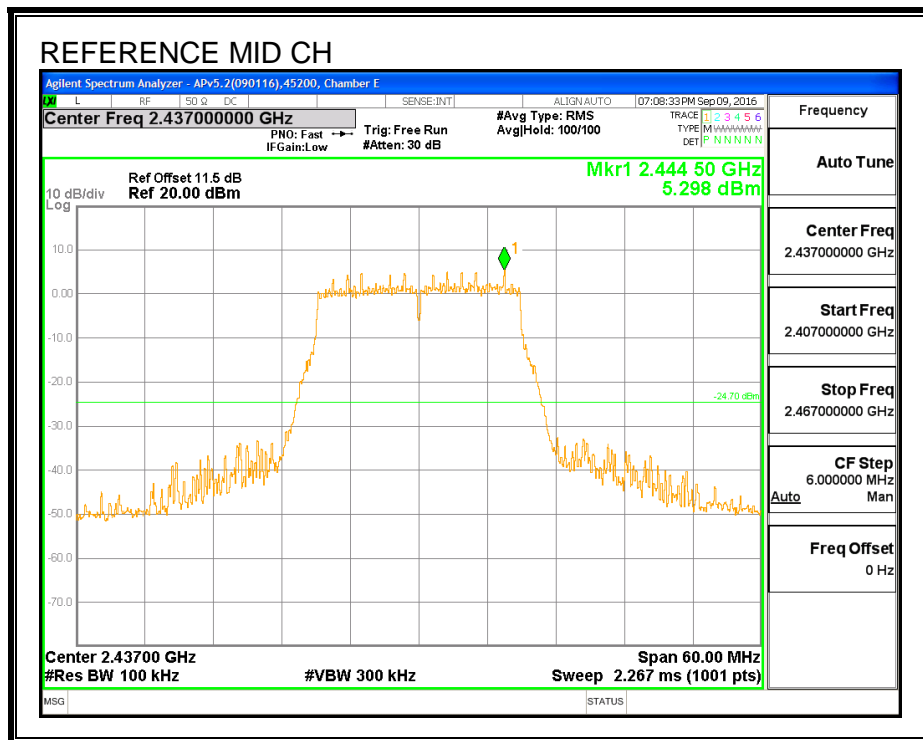


**LOW CHANNEL BANDEDGE, Chain 2**

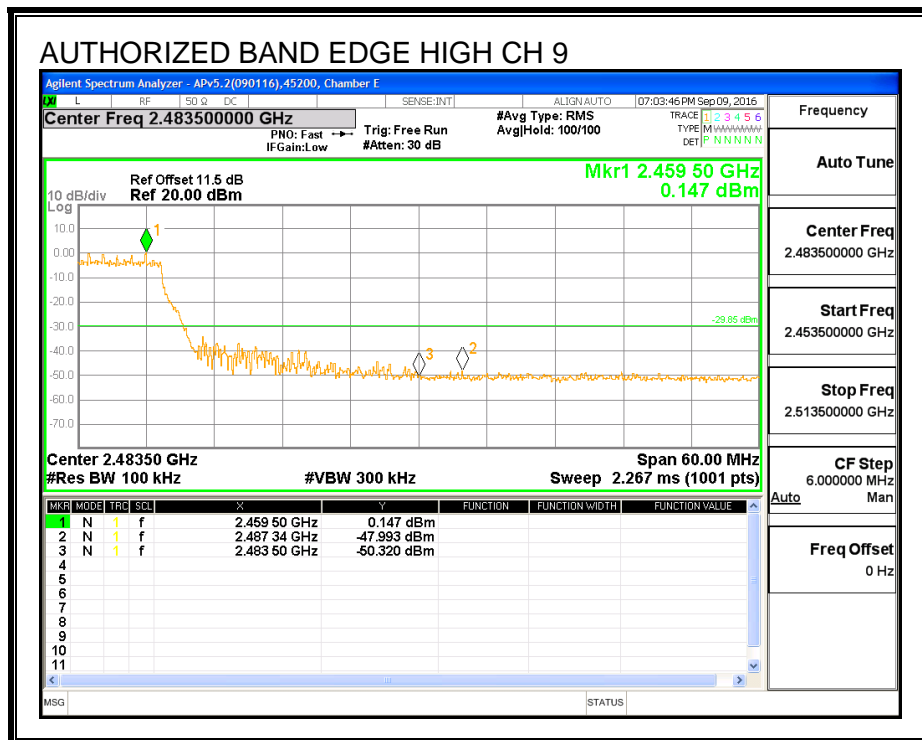
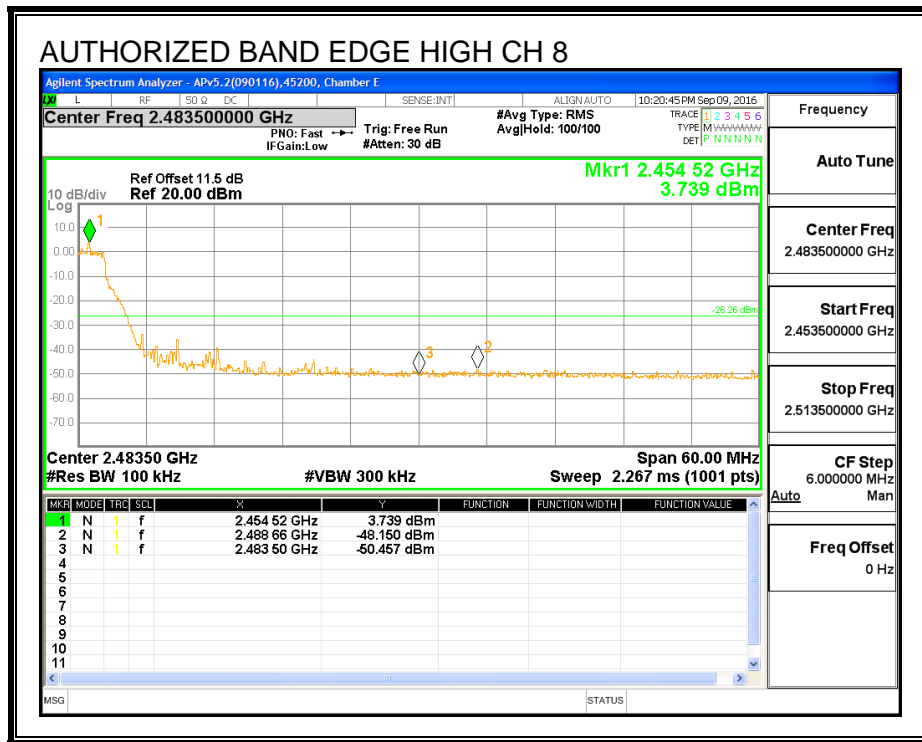


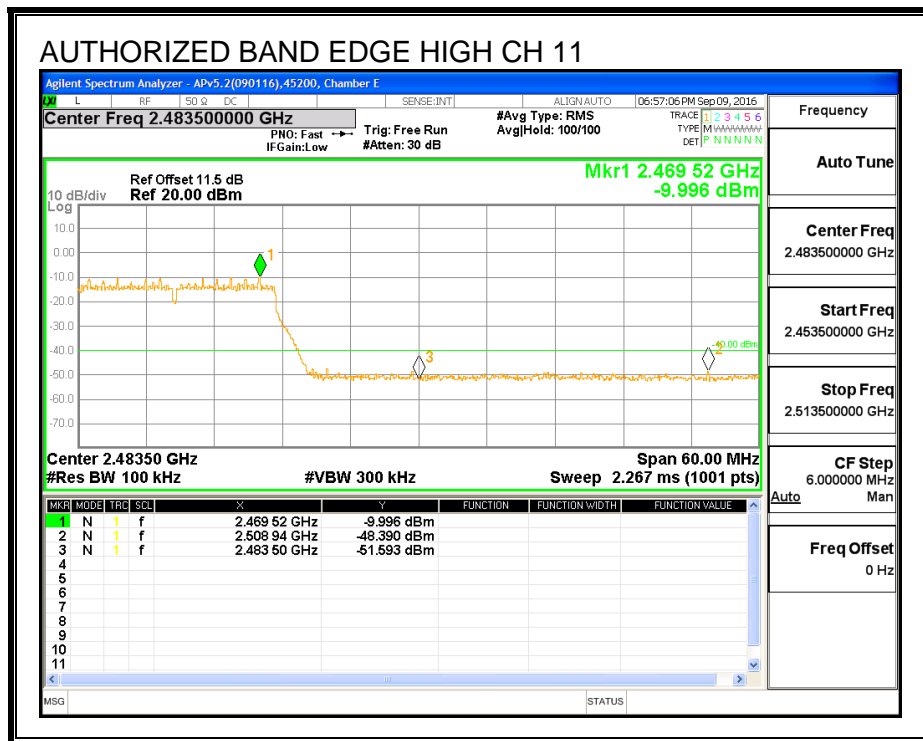
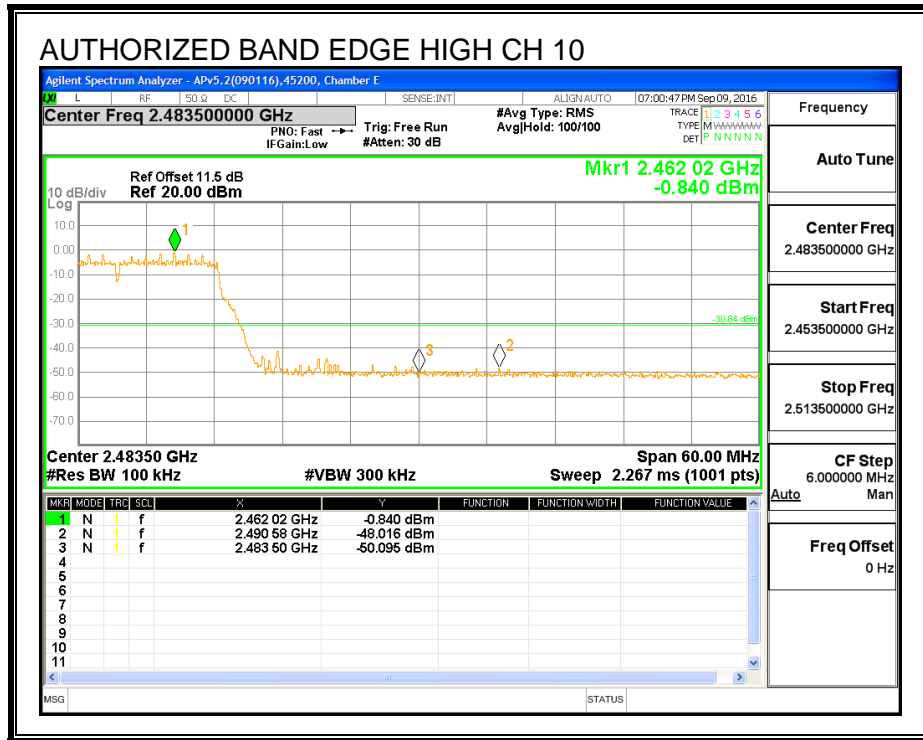


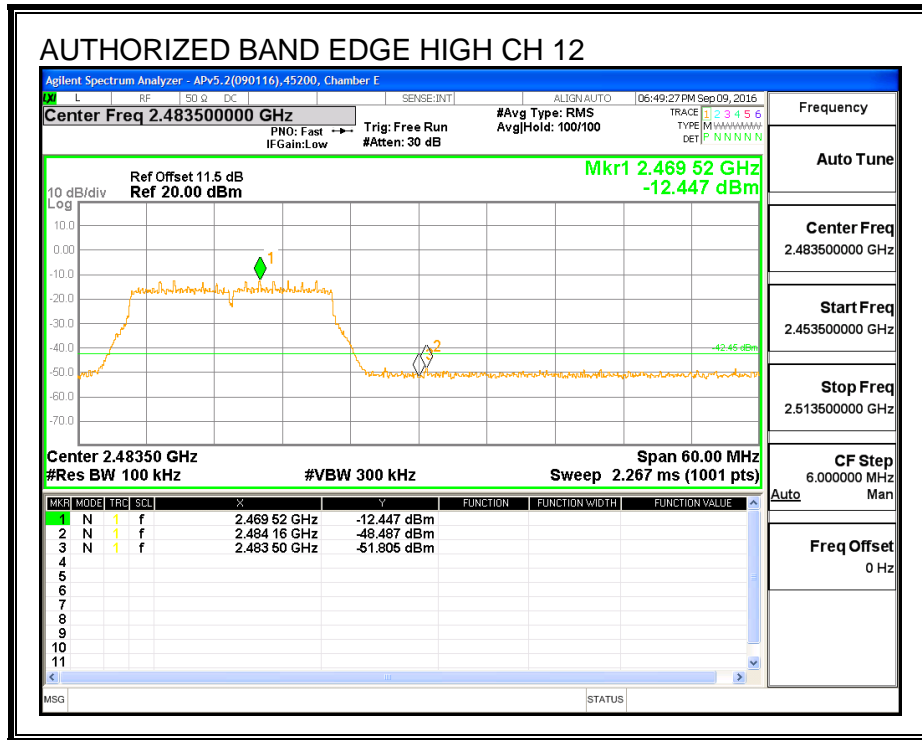
**MID CHANNEL REFERENCE, Chain 2**



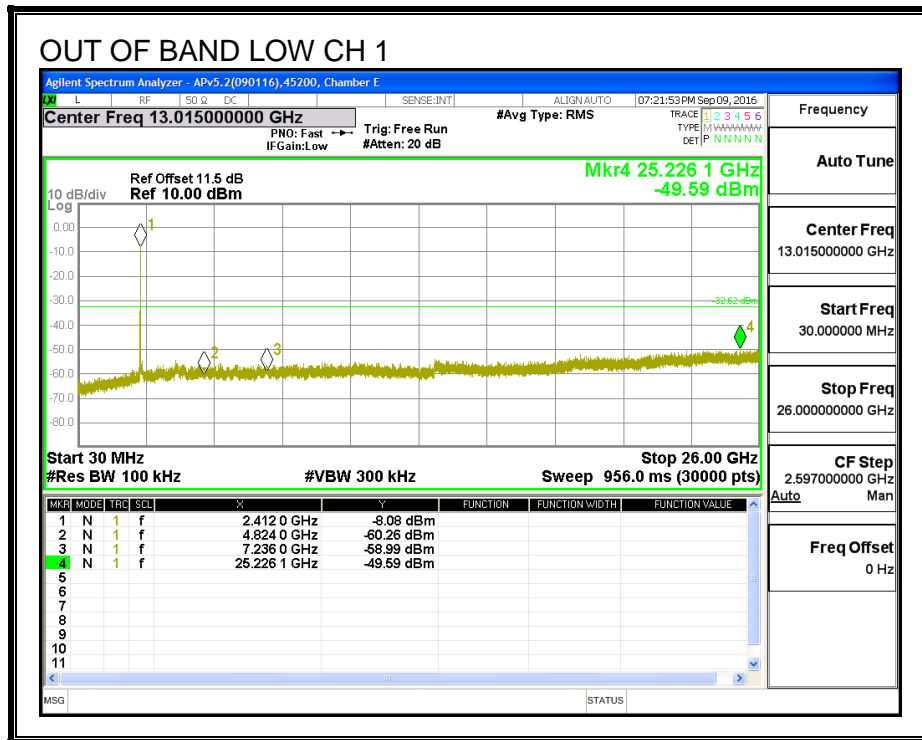
**HIGH CHANNEL BANDEDGE, Chain 2**



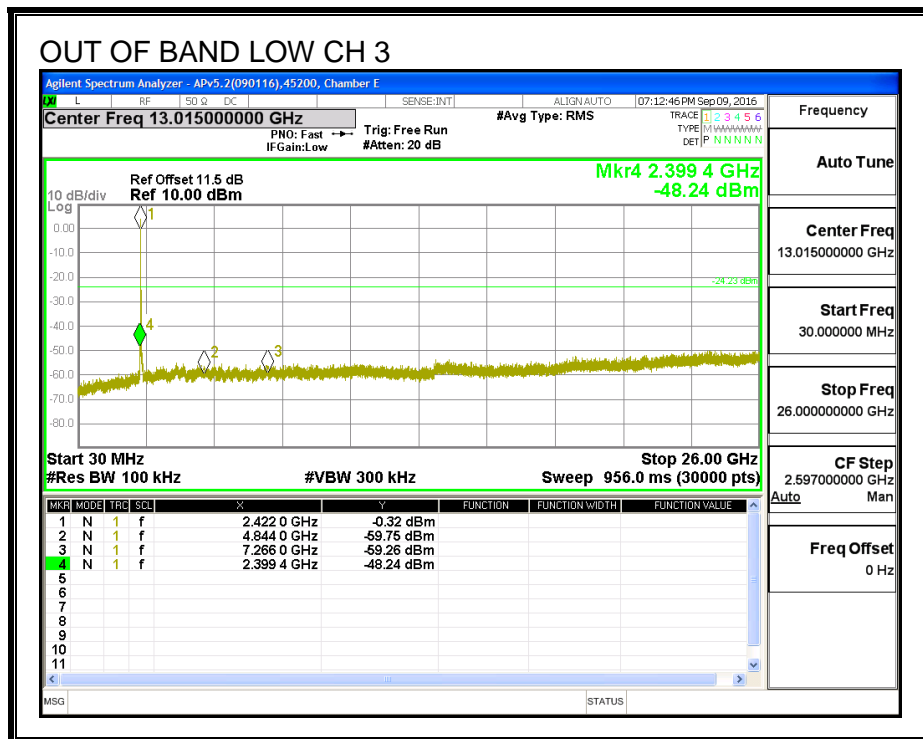
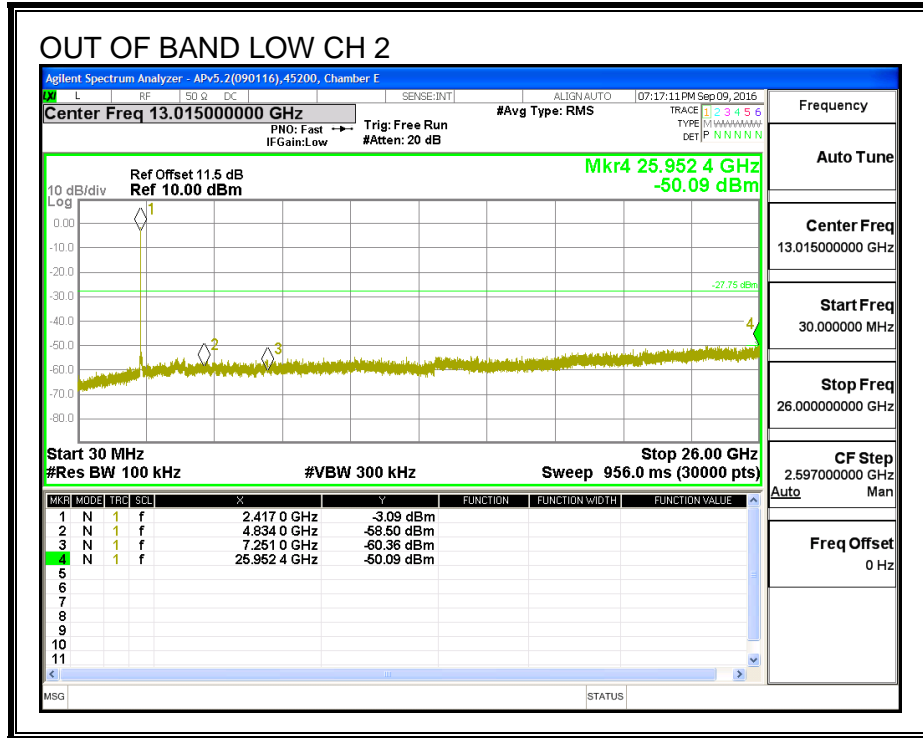


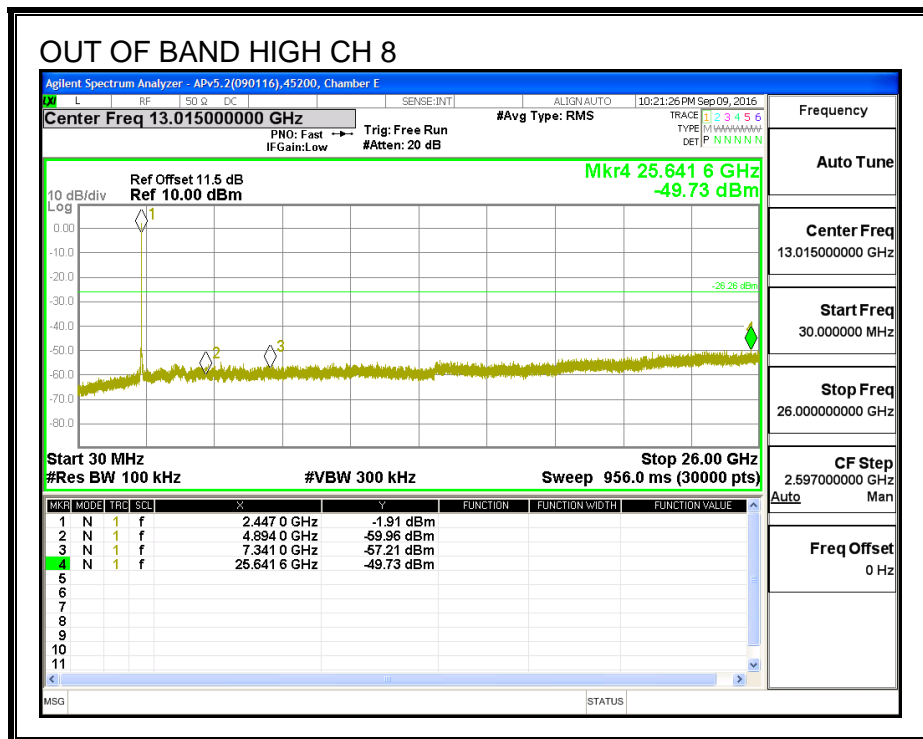
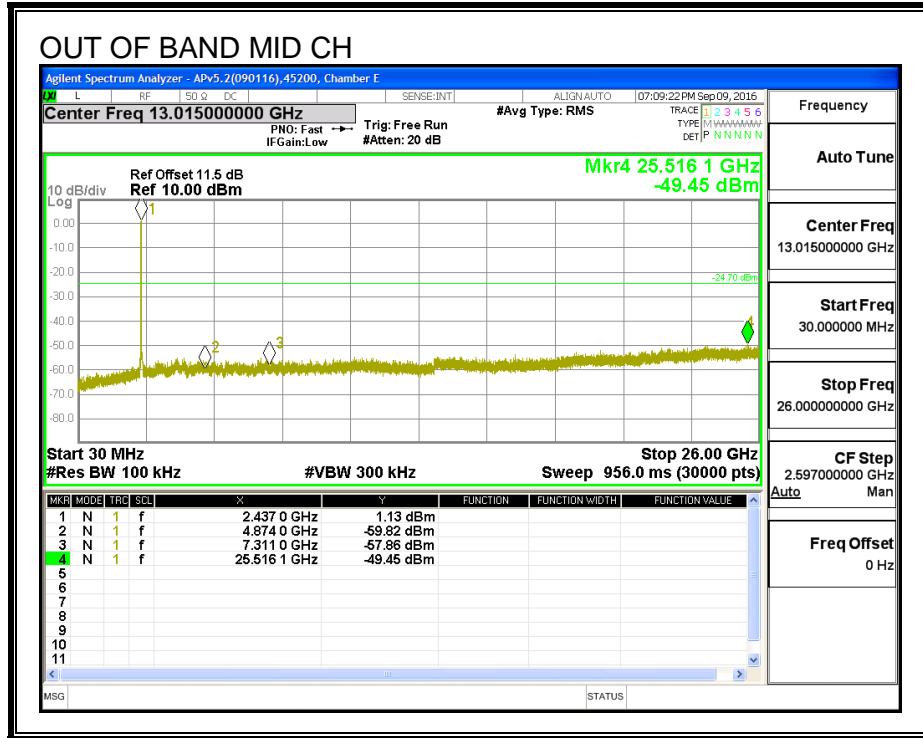


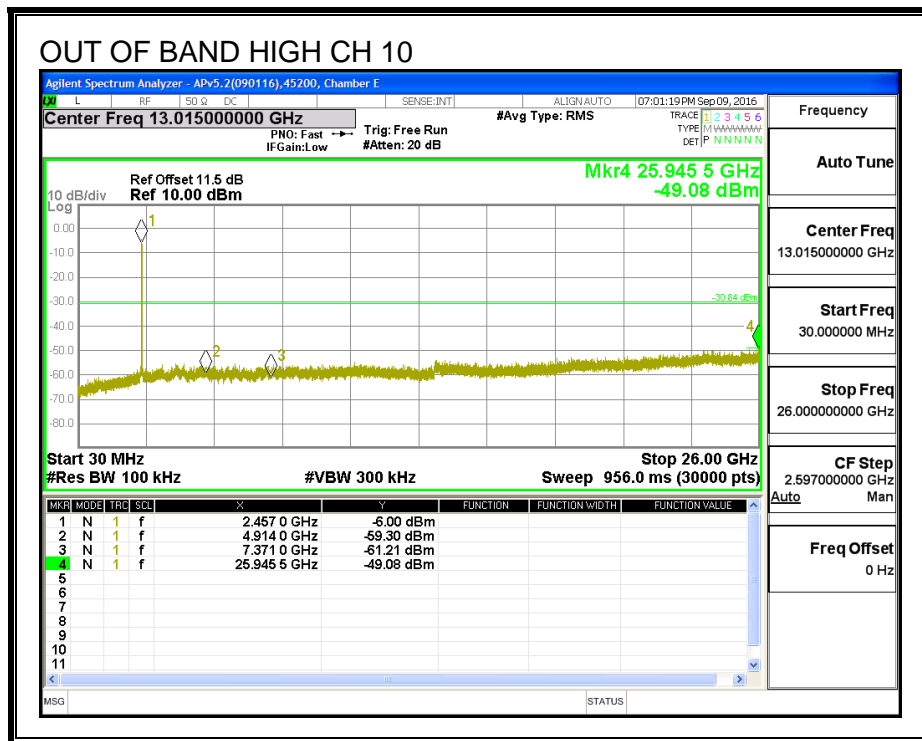
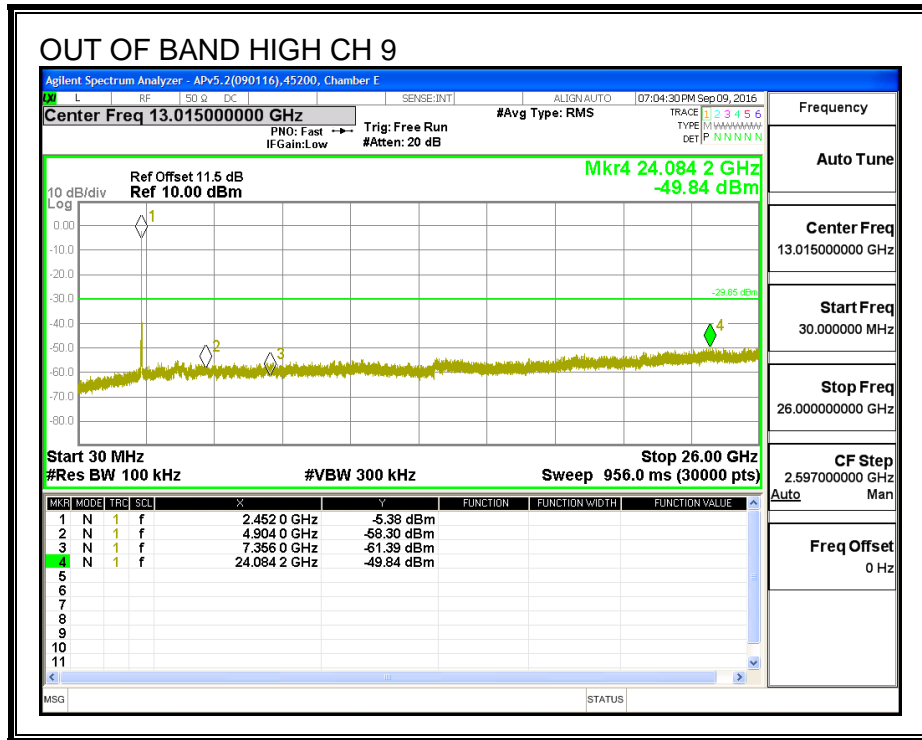
**OUT-OF-BAND EMISSIONS, Chain 2**

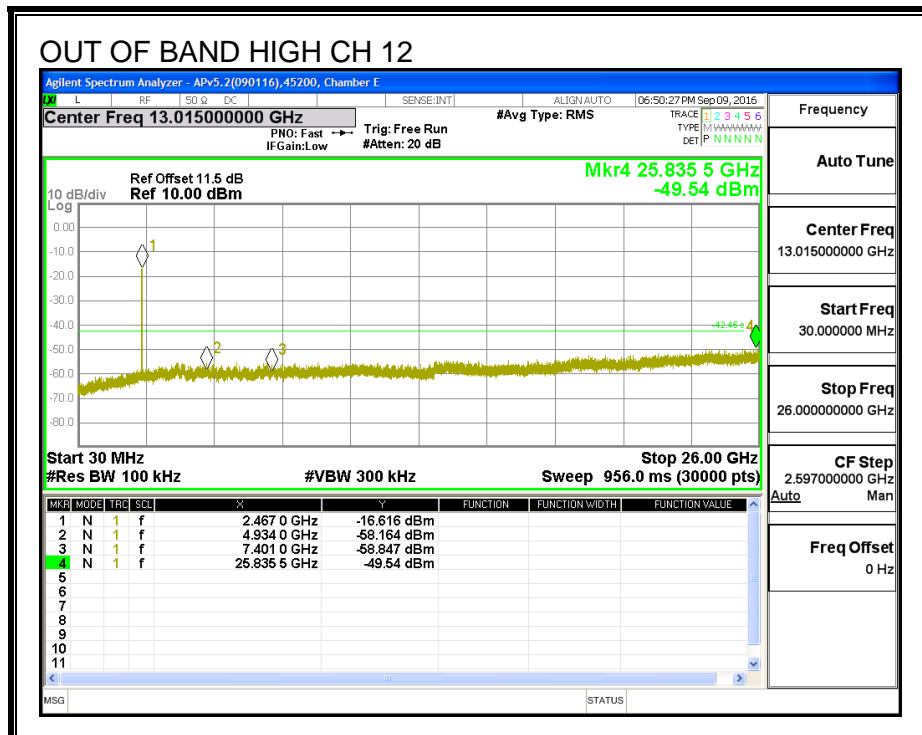
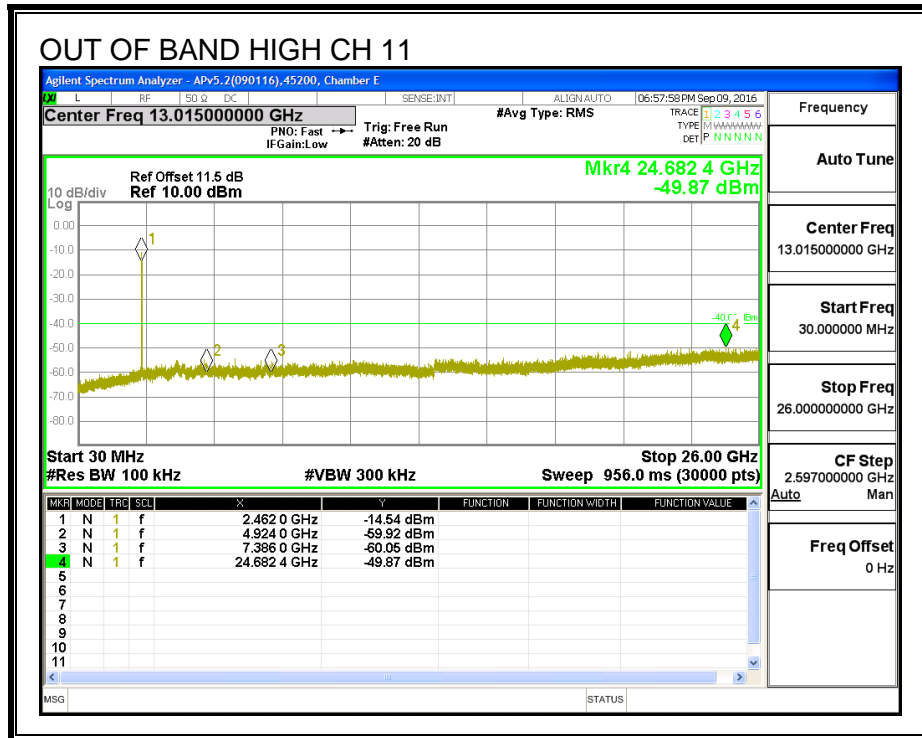












## 9. RADIATED TEST RESULTS

### 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 pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz for peak measurements.

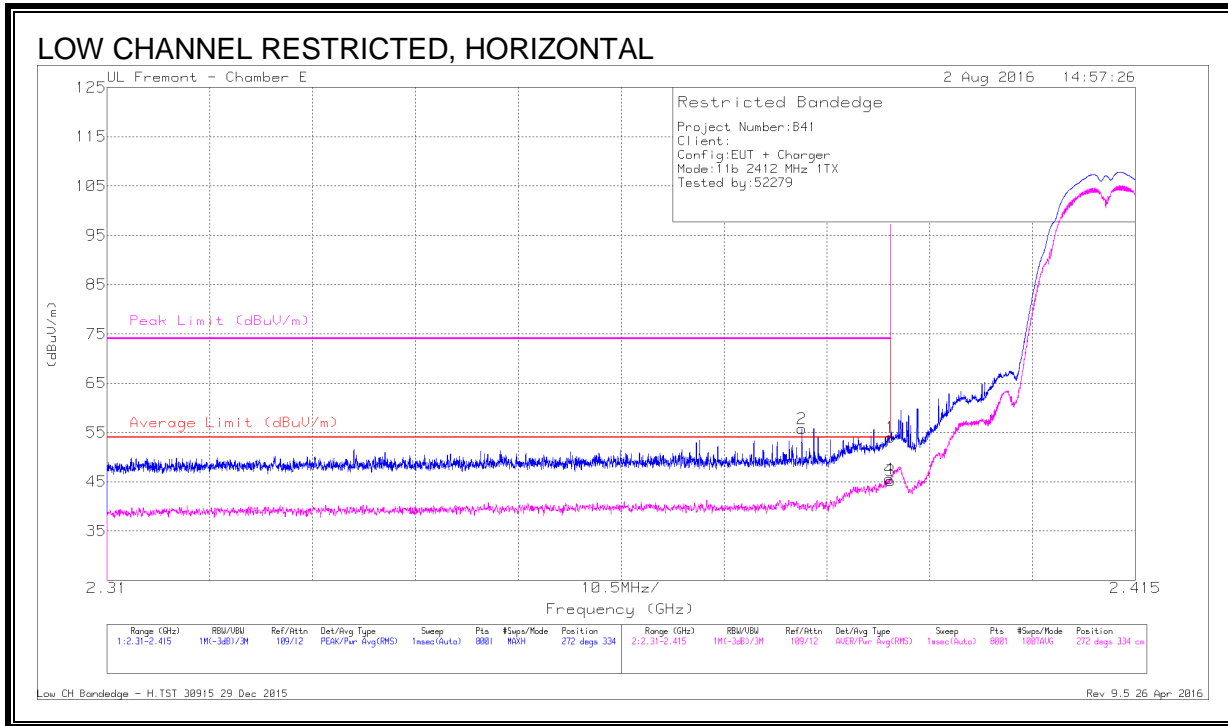
For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

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

### RESTRICTED BANDEDGE (LOW CHANNEL, CH 1)



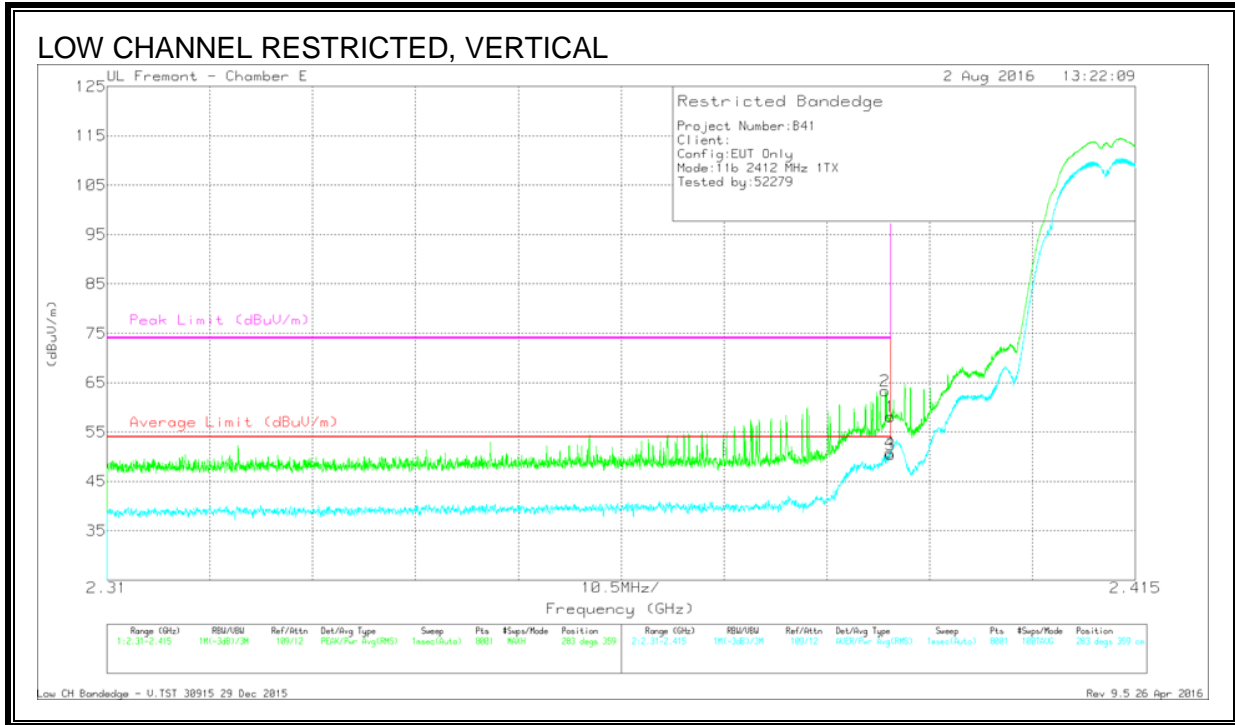
### DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	* 2.381	43.68	Pk	32	-19.9	55.78	-	-	74	-18.22	272	334	H
1	* 2.39	41.83	Pk	32.1	-19.9	54.03	-	-	74	-19.97	272	334	H
3	* 2.39	33.02	RMS	32.1	-19.9	45.22	54	-8.78	-	-	272	334	H
4	* 2.39	33.36	RMS	32.1	-19.9	45.56	54	-8.44	-	-	272	334	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

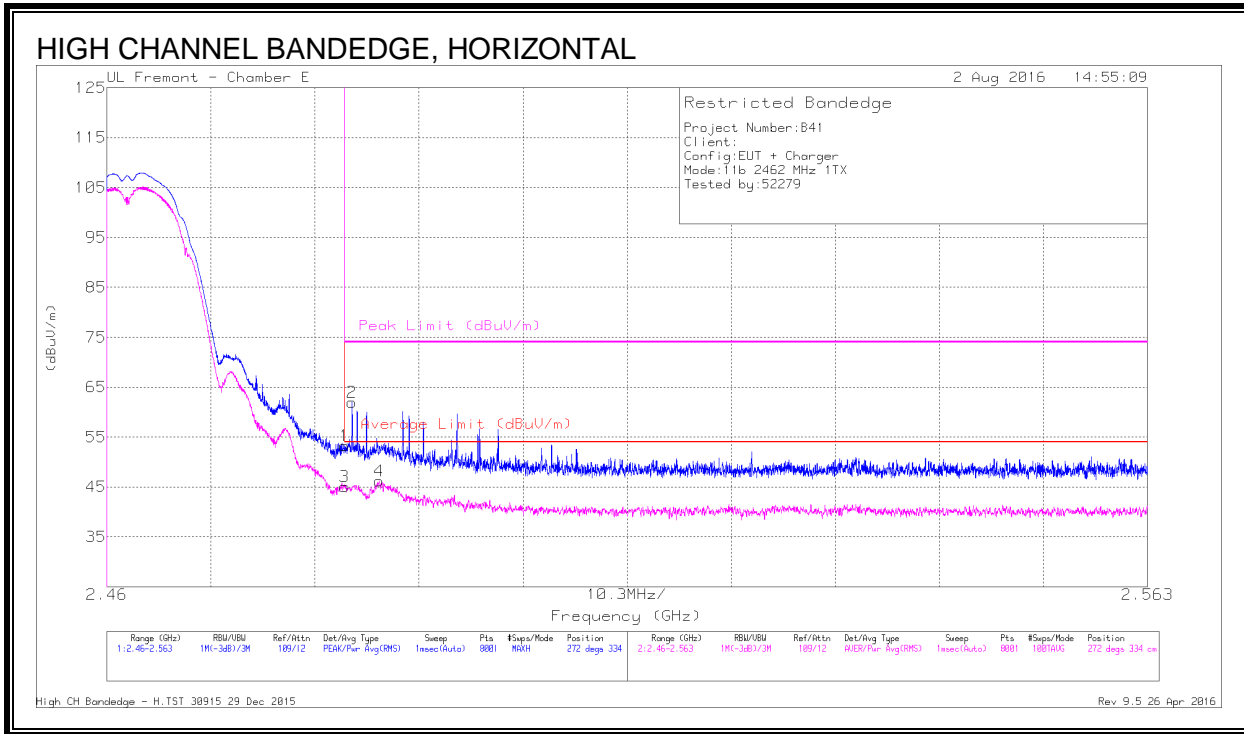


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	* 2.39	45.91	Pk	32.1	-19.9	58.11	-	-	74	-15.89	283	359	V
2	* 2.389	51.09	Pk	32.1	-19.9	63.29	-	-	74	-10.71	283	359	V
3	* 2.39	38.21	RMS	32.1	-19.9	50.41	54	-3.59	-	-	283	359	V
4	* 2.39	38.57	RMS	32.1	-19.9	50.77	54	-3.23	-	-	283	359	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**AUTHORIZED BANDEGE (HIGH CHANNEL, CH 11)**

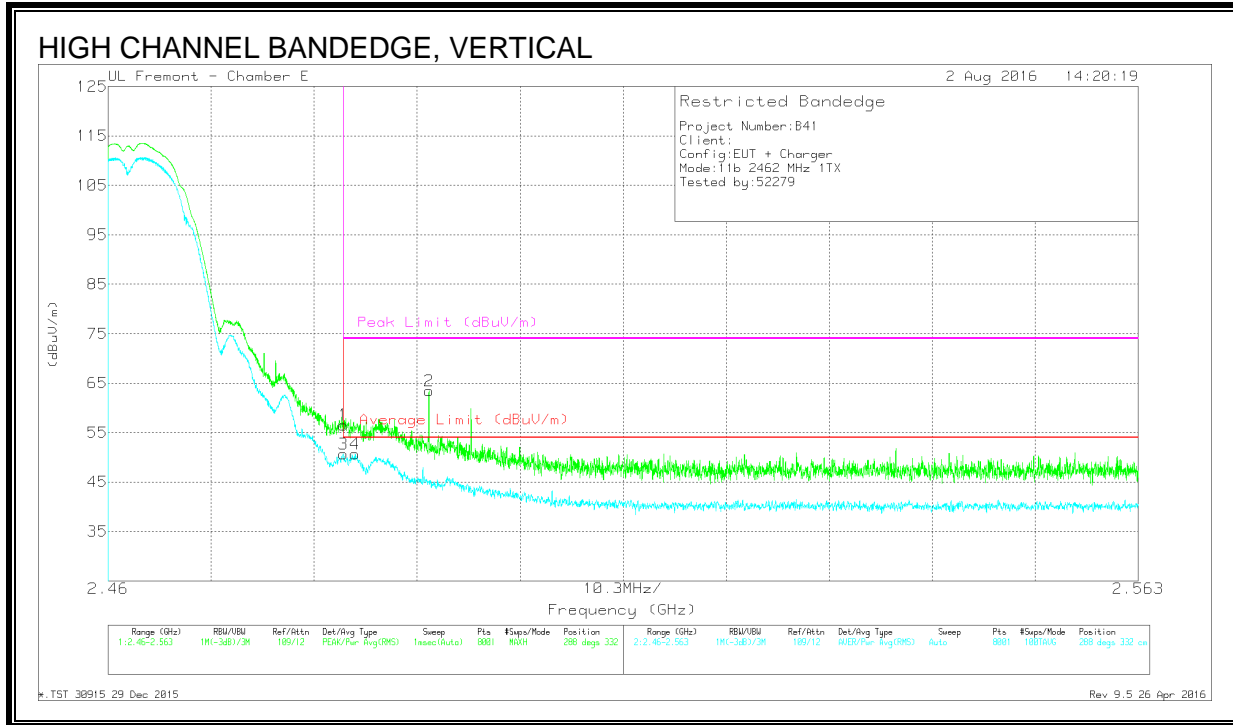


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/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	40.94	Pk	32.3	-20	53.24	-	-	74	-20.76	272	334	H
2	* 2.484	49.69	Pk	32.3	-20	61.99	-	-	74	-12.01	272	334	H
3	* 2.484	32.73	RMS	32.3	-20	45.03	54	-8.97	-	-	272	334	H
4	* 2.487	33.99	RMS	32.3	-20.1	46.19	54	-7.81	-	-	272	334	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection



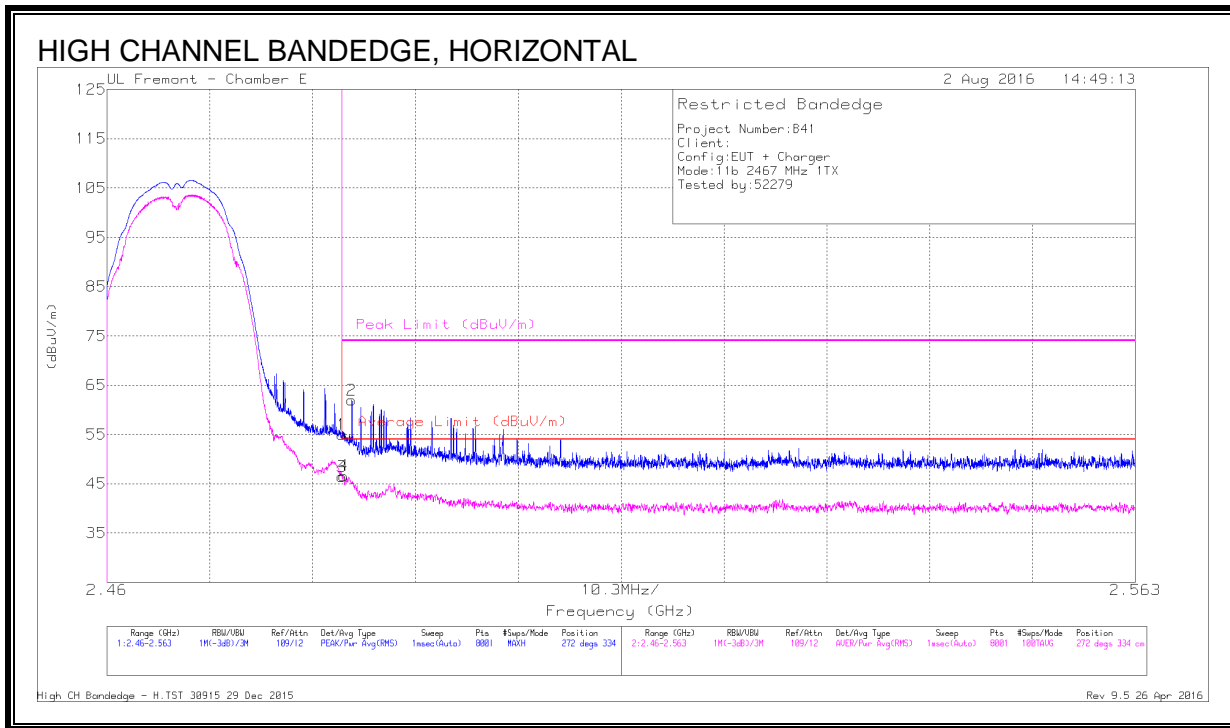


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Par d (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	44.26	Pk	32.3	-20	56.56	-	-	74	-17.44	288	332	V
2	* 2.492	51.28	Pk	32.3	-20.1	63.48	-	-	74	-10.52	288	332	V
3	* 2.484	38.37	RMS	32.3	-20	50.67	54	-3.33	-	-	288	332	V
4	* 2.485	38.39	RMS	32.3	-20	50.69	54	-3.31	-	-	288	332	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**AUTHORIZED BANDEGE (HIGH CHANNEL, CH 12)**



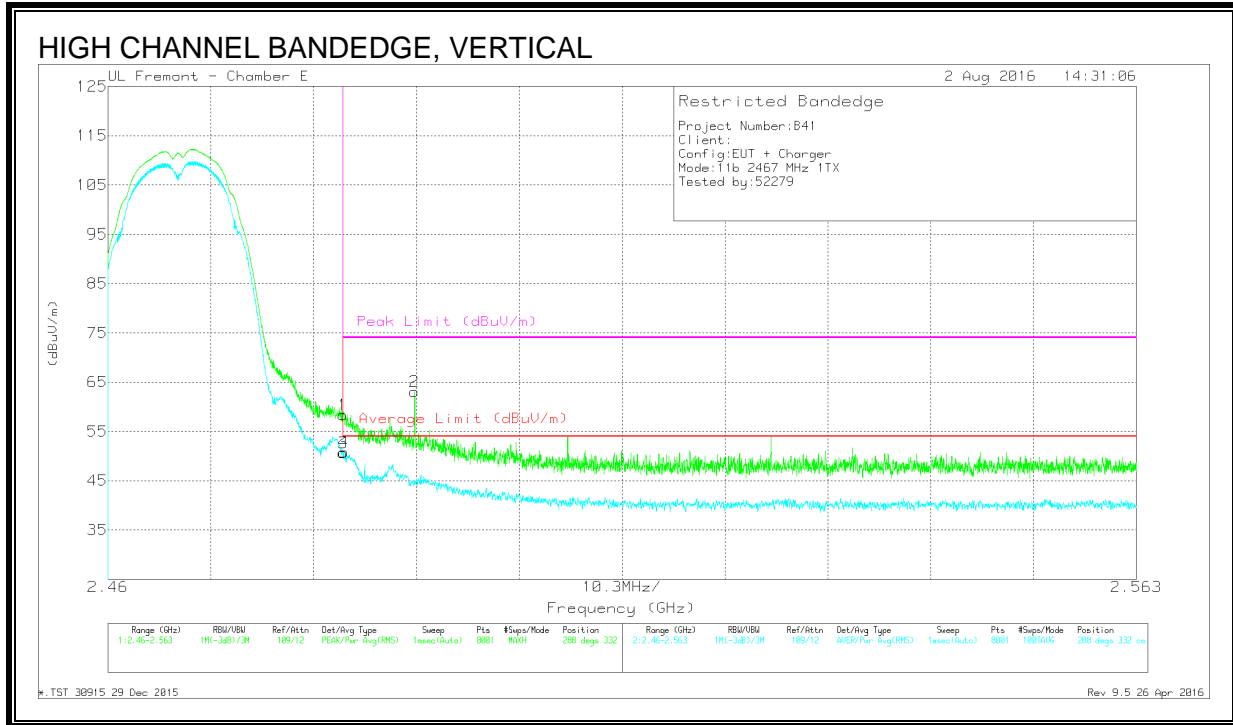
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/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	42.73	Pk	32.3	-20	55.03	-	-	74	-18.97	272	334	H
3	* 2.484	34.18	RMS	32.3	-20	46.48	54	-7.52	-	-	272	334	H
4	* 2.484	34.33	RMS	32.3	-20	46.63	54	-7.37	-	-	272	334	H
2	* 2.485	49.61	Pk	32.3	-20	61.91	-	-	74	-12.09	272	334	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

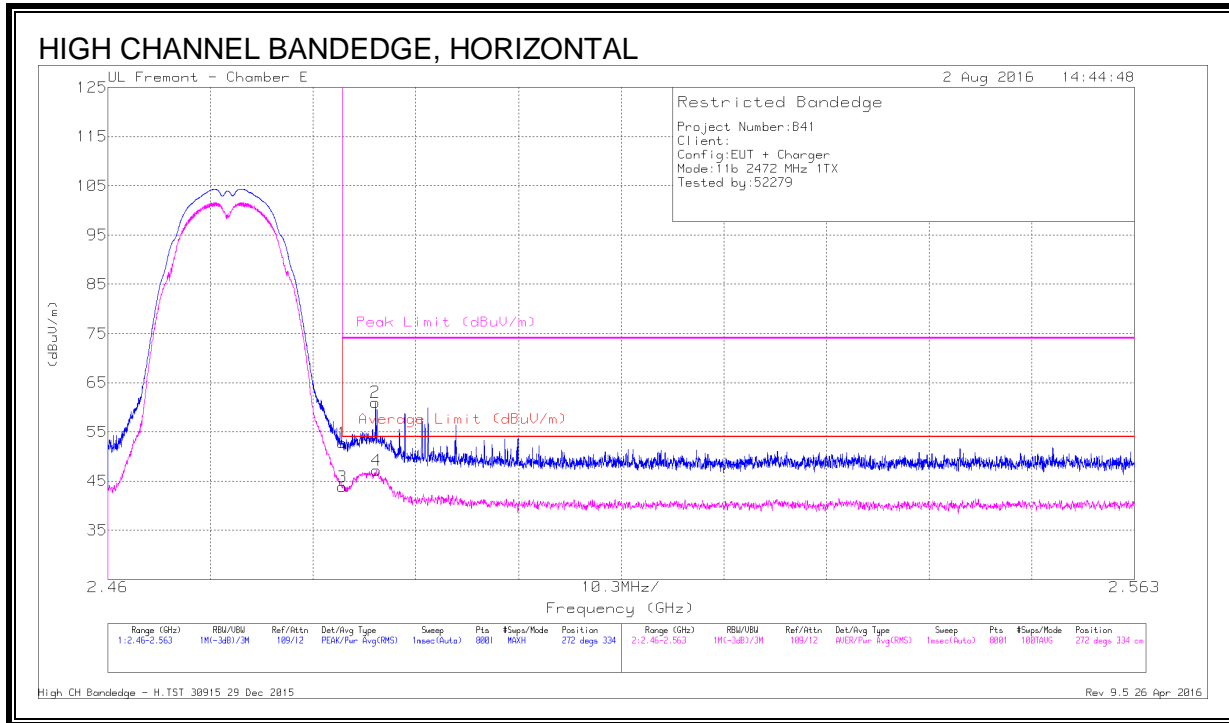


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/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	46.01	Pk	32.3	-20	58.31	-	-	74	-15.69	288	332	V
3	* 2.484	38.39	RMS	32.3	-20	50.69	54	-3.31	-	-	288	332	V
4	* 2.484	38.52	RMS	32.3	-20	50.82	54	-3.18	-	-	288	332	V
2	* 2.491	50.87	Pk	32.3	-20.1	63.07	-	-	74	-10.93	288	332	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**AUTHORIZED BANDEGE (HIGH CHANNEL, CH 13)**



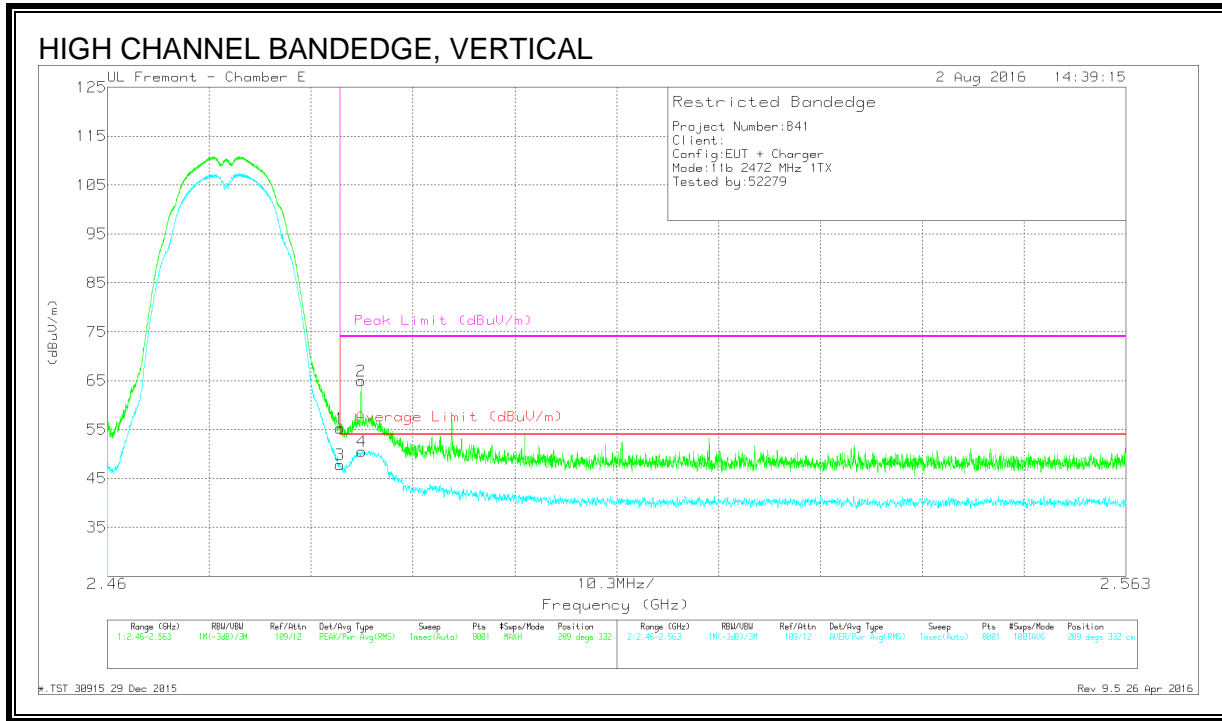
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/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	40.42	Pk	32.3	-20	52.72	-	-	74	-21.28	272	334	H
3	* 2.484	31.53	RMS	32.3	-20	43.83	54	-10.17	-	-	272	334	H
2	* 2.487	48.83	Pk	32.3	-20.1	61.03	-	-	74	-12.97	272	334	H
4	* 2.487	34.97	RMS	32.3	-20.1	47.17	54	-6.83	-	-	272	334	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection



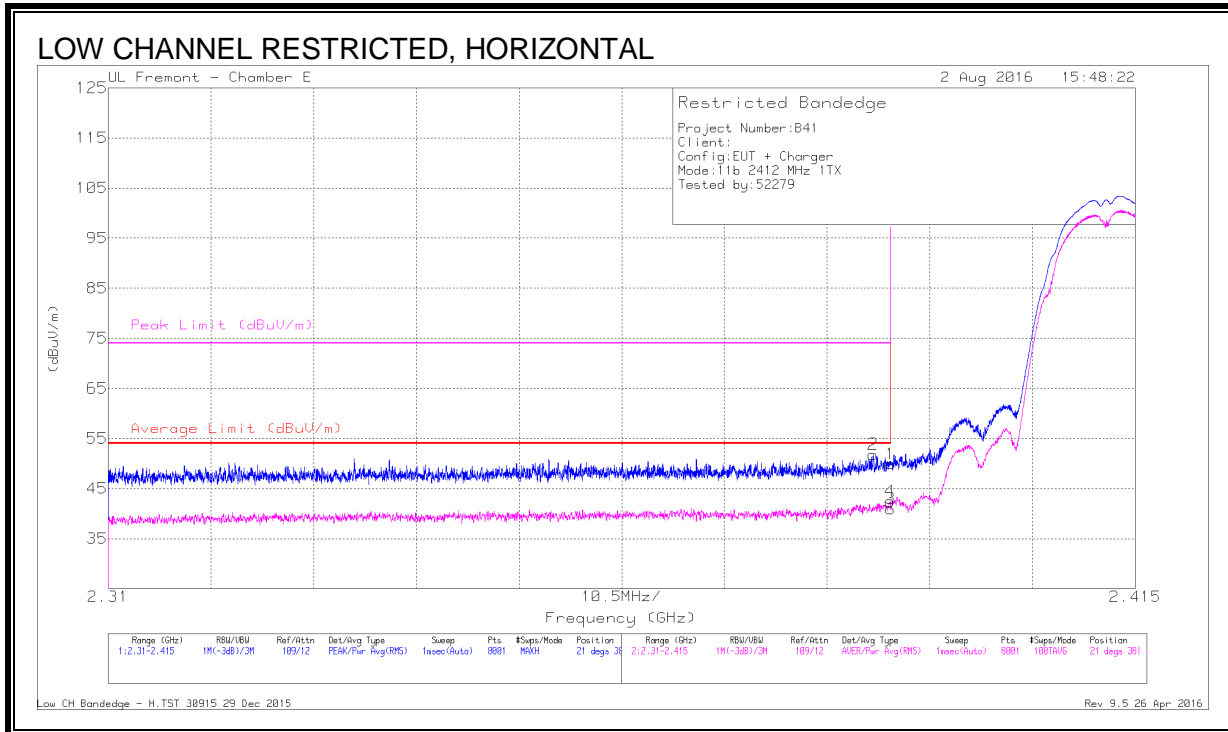
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	43.01	Pk	32.3	-20	55.31	-	-	74	-18.69	289	332	V
3	* 2.484	35.49	RMS	32.3	-20	47.79	54	-6.21	-	-	289	332	V
2	* 2.486	52.76	Pk	32.3	-20.1	64.96	-	-	74	-9.04	289	332	V
4	* 2.486	38.33	RMS	32.3	-20.1	50.53	54	-3.47	-	-	289	332	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### 9.3. 802.11b 1Tx MODE IN THE 2.4 GHz BAND CHAIN 1

#### RESTRICTED BANDEDGE (LOW CHANNEL, CH 1)



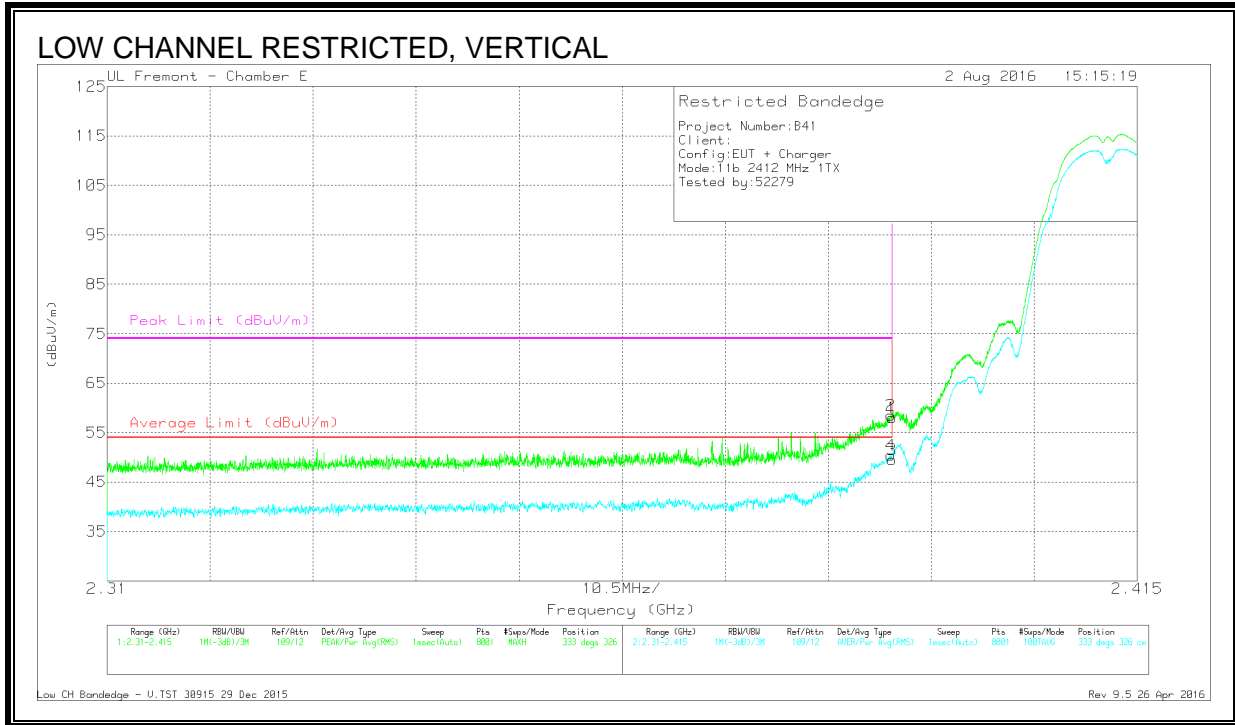
#### DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/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
2	* 2.388	39.62	Pk	32.1	-19.9	51.82	-	-	74	-22.18	21	381	H
1	* 2.39	37.76	Pk	32.1	-19.9	49.96	-	-	74	-24.04	21	381	H
3	* 2.39	28.78	RMS	32.1	-19.9	40.98	54	-13.02	-	-	21	381	H
4	* 2.39	30.26	RMS	32.1	-19.9	42.46	54	-11.54	-	-	21	381	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

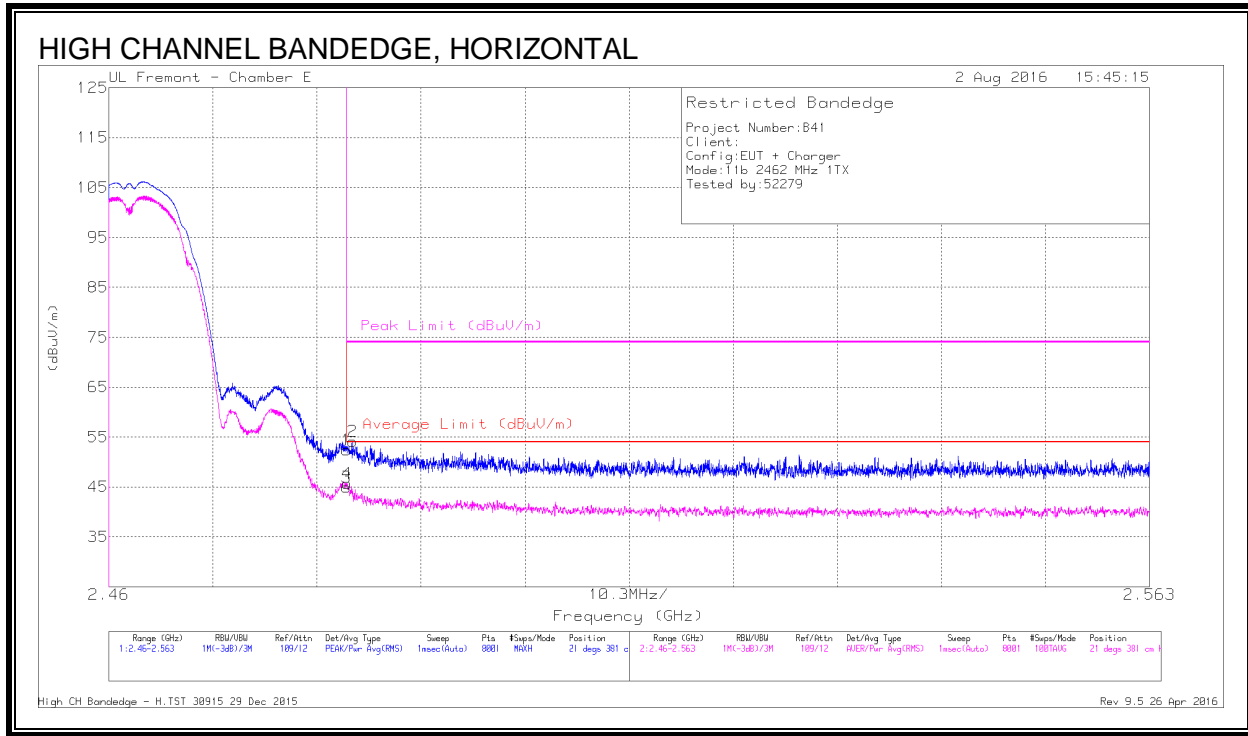


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	* 2.39	45.83	Pk	32.1	-19.9	58.03	-	-	74	-15.97	333	326	V
2	* 2.39	46.33	Pk	32.1	-19.9	58.53	-	-	74	-15.47	333	326	V
3	* 2.39	37.33	RMS	32.1	-19.9	49.53	54	-4.47	-	-	333	326	V
4	* 2.39	38.2	RMS	32.1	-19.9	50.4	54	-3.6	-	-	333	326	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 11)**

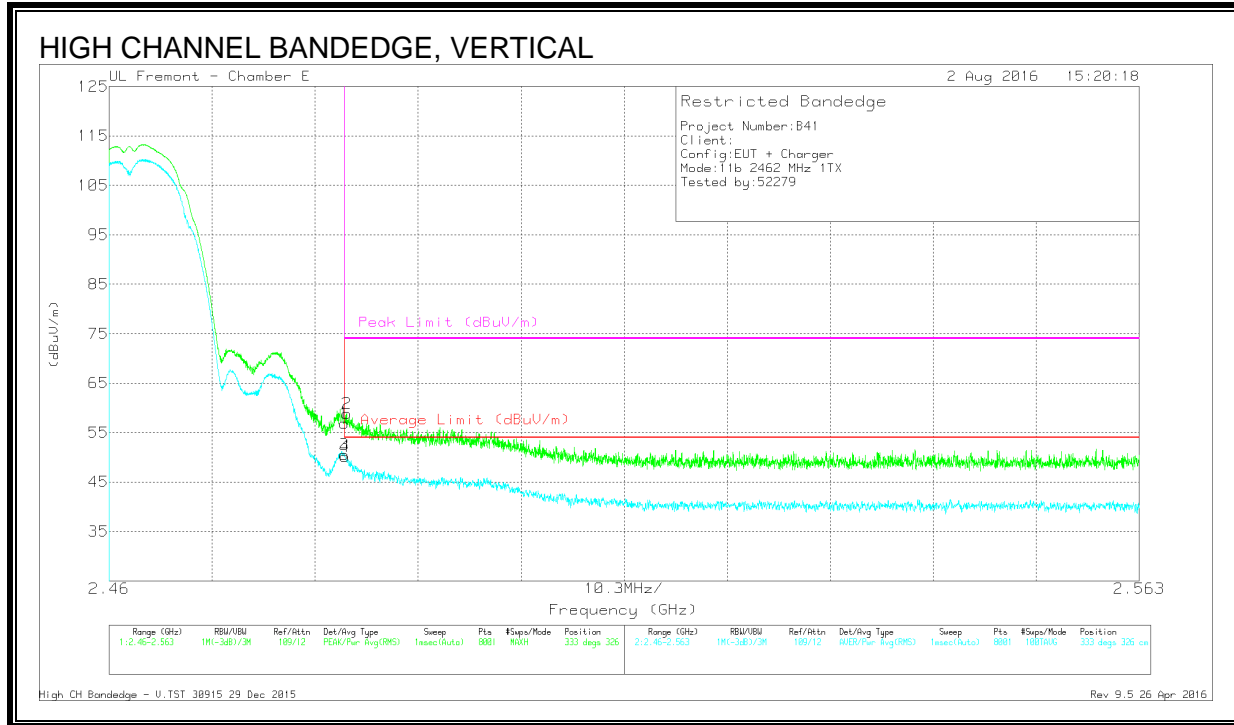


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	40.09	Pk	32.3	-20	52.39	-	-	74	-21.61	21	381	H
2	* 2.484	41.81	Pk	32.3	-20	54.11	-	-	74	-19.89	21	381	H
3	* 2.484	32.7	RMS	32.3	-20	45	54	-9	-	-	21	381	H
4	* 2.484	33.41	RMS	32.3	-20	45.71	54	-8.29	-	-	21	381	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection



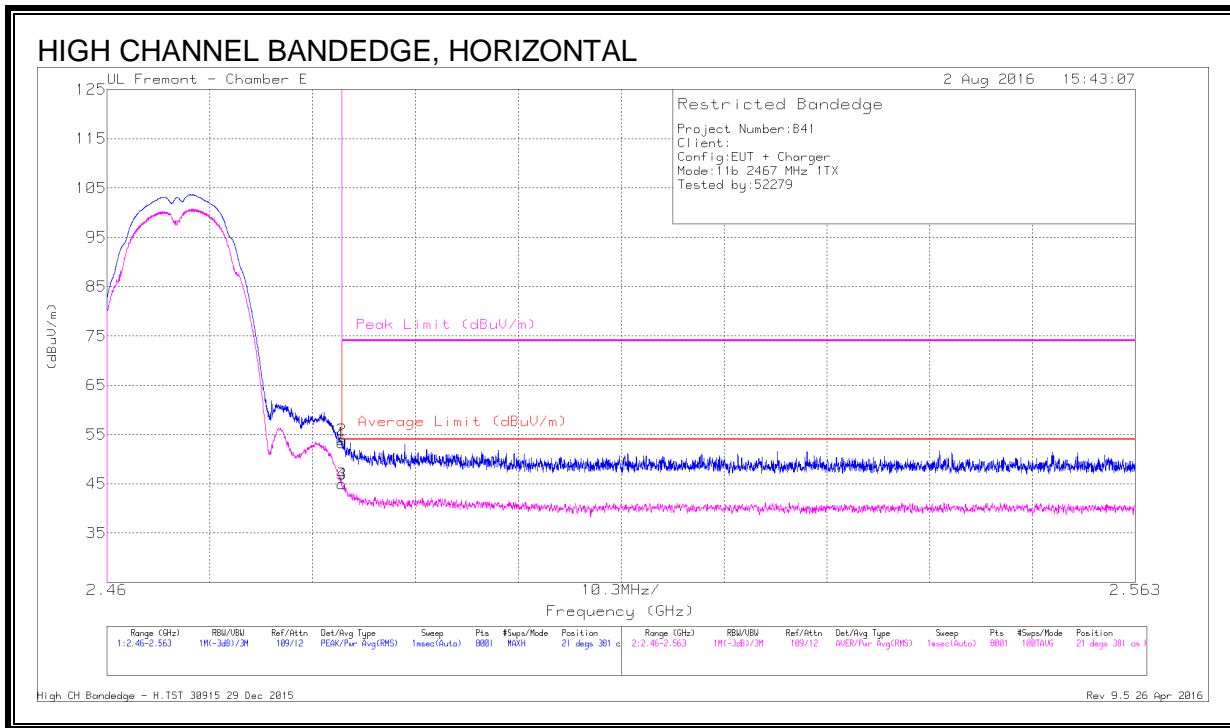


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb1/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	32.3	-20	56.93	-	-	74	-17.07	333	326	V
2	* 2.484	46.51	Pk	32.3	-20	58.81	-	-	74	-15.19	333	326	V
3	* 2.484	38.27	RMS	32.3	-20	50.57	54	-3.43	-	-	333	326	V
4	* 2.484	37.87	RMS	32.3	-20	50.17	54	-3.83	-	-	333	326	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**AUTHORIZED BANDEGE (HIGH CHANNEL, CH 12)**



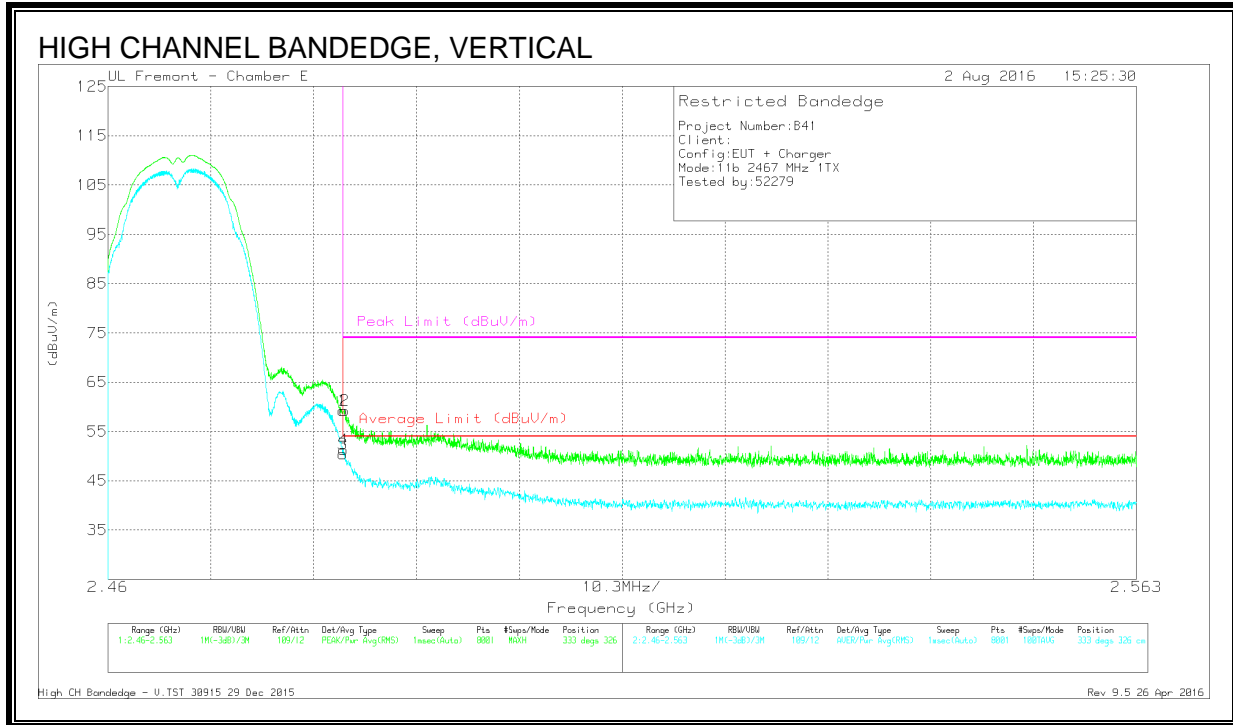
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/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	40.09	Pk	32.3	-20	52.39	-	-	74	-21.61	21	381	H
2	* 2.484	41.81	Pk	32.3	-20	54.11	-	-	74	-19.89	21	381	H
3	* 2.484	32.7	RMS	32.3	-20	45	54	-9	-	-	21	381	H
4	* 2.484	33.41	RMS	32.3	-20	45.71	54	-8.29	-	-	21	381	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

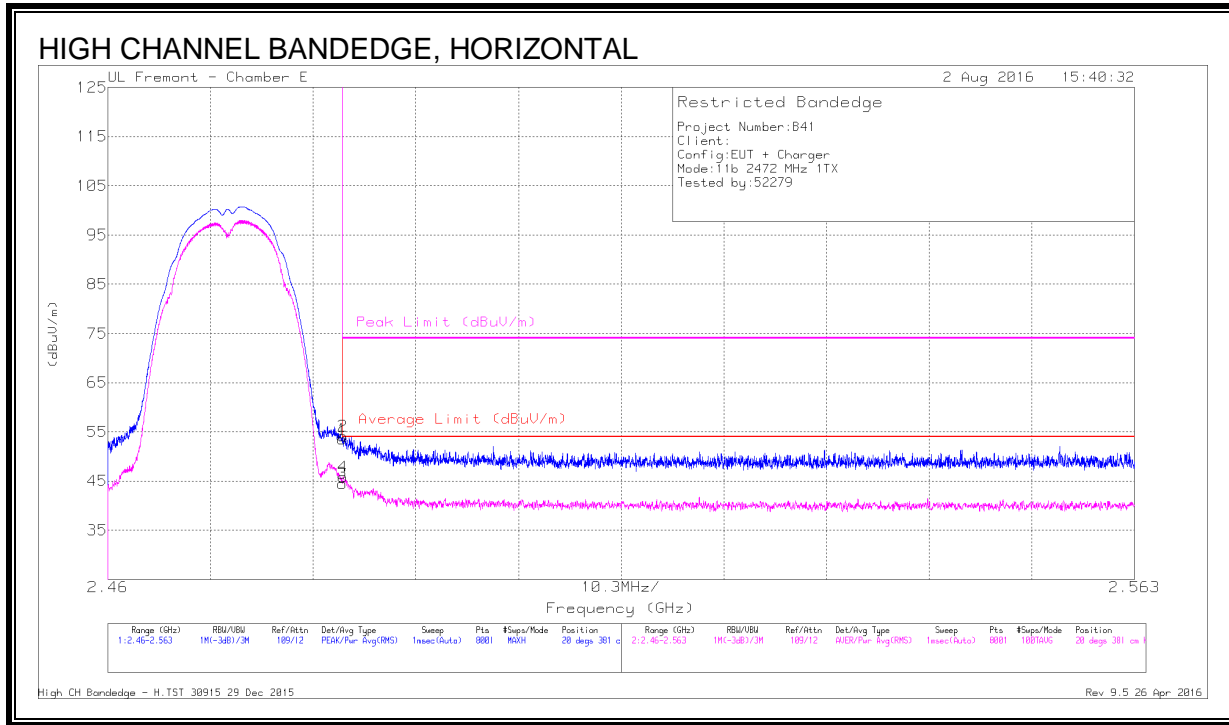


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	46.9	Pk	32.3	-20	59.2	-	-	74	-14.8	333	326	V
2	* 2.484	46.97	Pk	32.3	-20	59.27	-	-	74	-14.73	333	326	V
3	* 2.484	38.12	RMS	32.3	-20	50.42	54	-3.58	-	-	333	326	V
4	* 2.484	38.97	RMS	32.3	-20	51.27	54	-2.73	-	-	333	326	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**AUTHORIZED BANDEGE (HIGH CHANNEL, CH 13)**



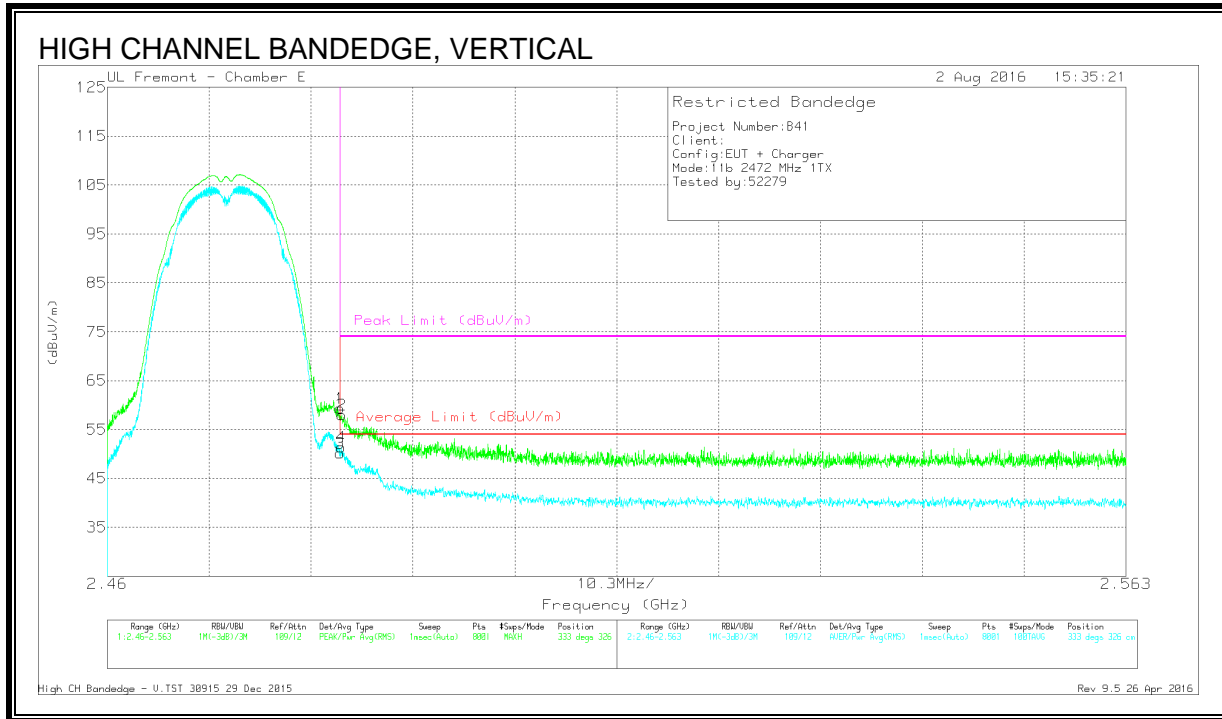
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	41.24	Pk	32.3	-20	53.54	-	-	74	-20.46	20	381	H
2	* 2.484	41.8	Pk	32.3	-20	54.1	-	-	74	-19.9	20	381	H
3	* 2.484	32.22	RMS	32.3	-20	44.52	54	-9.48	-	-	20	381	H
4	* 2.484	33.56	RMS	32.3	-20	45.86	54	-8.14	-	-	20	381	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection



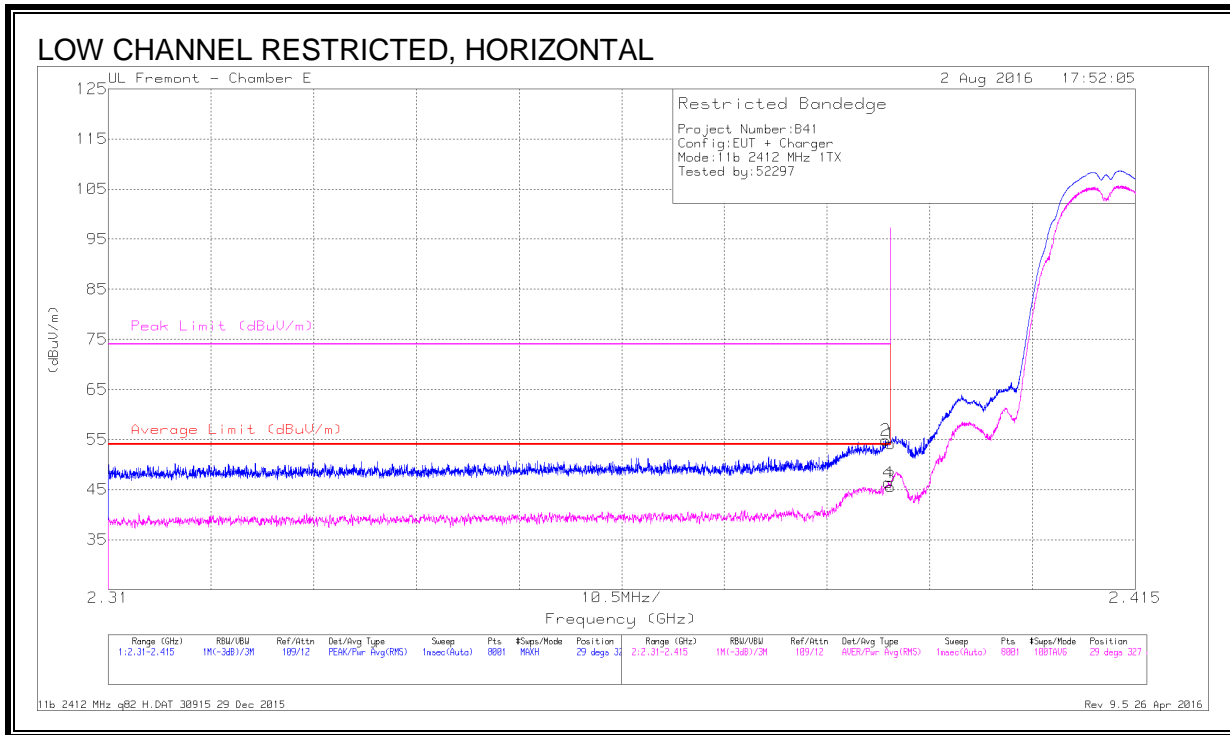
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	47.07	Pk	32.3	-20	59.37	-	-	74	-14.63	333	326	V
2	* 2.484	45.69	Pk	32.3	-20	57.99	-	-	74	-16.01	333	326	V
3	* 2.484	37.88	RMS	32.3	-20	50.18	54	-3.82	-	-	333	326	V
4	* 2.484	39.07	RMS	32.3	-20	51.37	54	-2.63	-	-	333	326	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### 9.4. 802.11b 1Tx MODE IN THE 2.4 GHz BAND CHAIN 2

#### RESTRICTED BANDEDGE (LOW CHANNEL, CH 1)



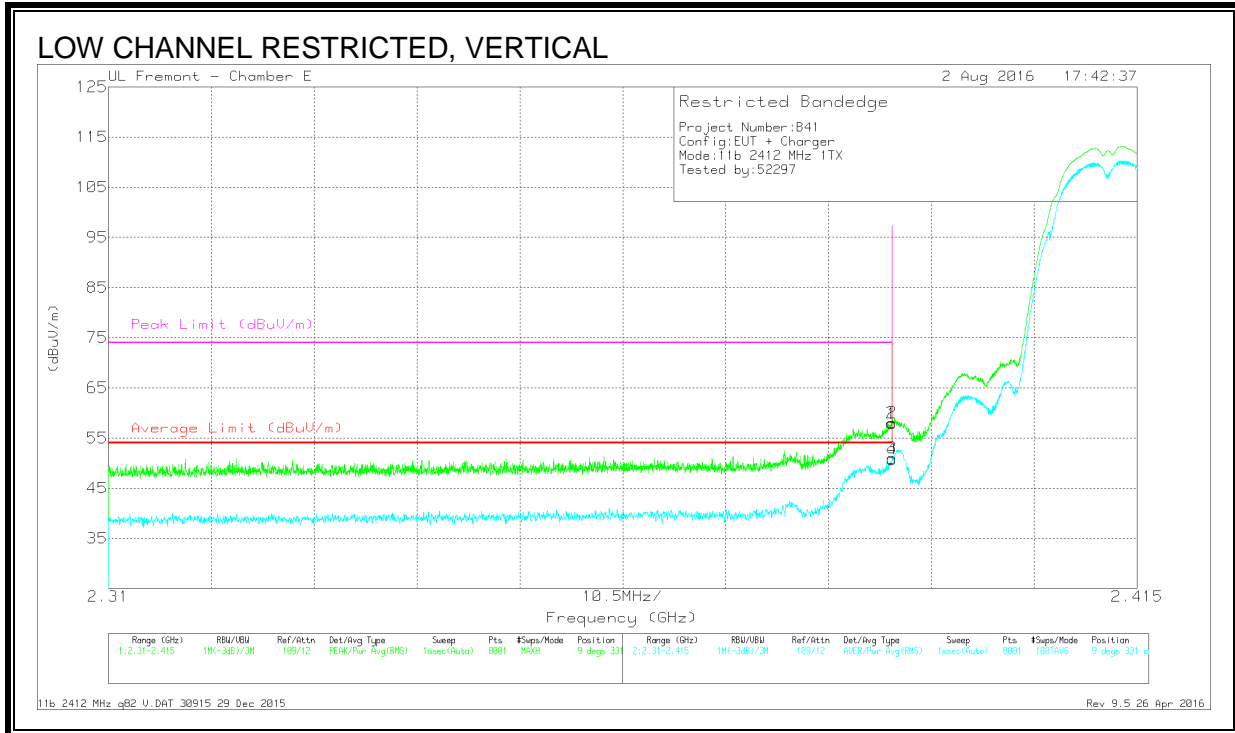
#### DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/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
2	* 2.389	42.66	Pk	32.1	-19.9	54.86	-	-	74	-19.14	29	327	H
1	* 2.39	41.99	Pk	32.1	-19.9	54.19	-	-	74	-19.81	29	327	H
3	* 2.39	33.39	RMS	32.1	-19.9	45.59	54	-8.41	-	-	29	327	H
4	* 2.39	34.21	RMS	32.1	-19.9	46.41	54	-7.59	-	-	29	327	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection



**DATA**

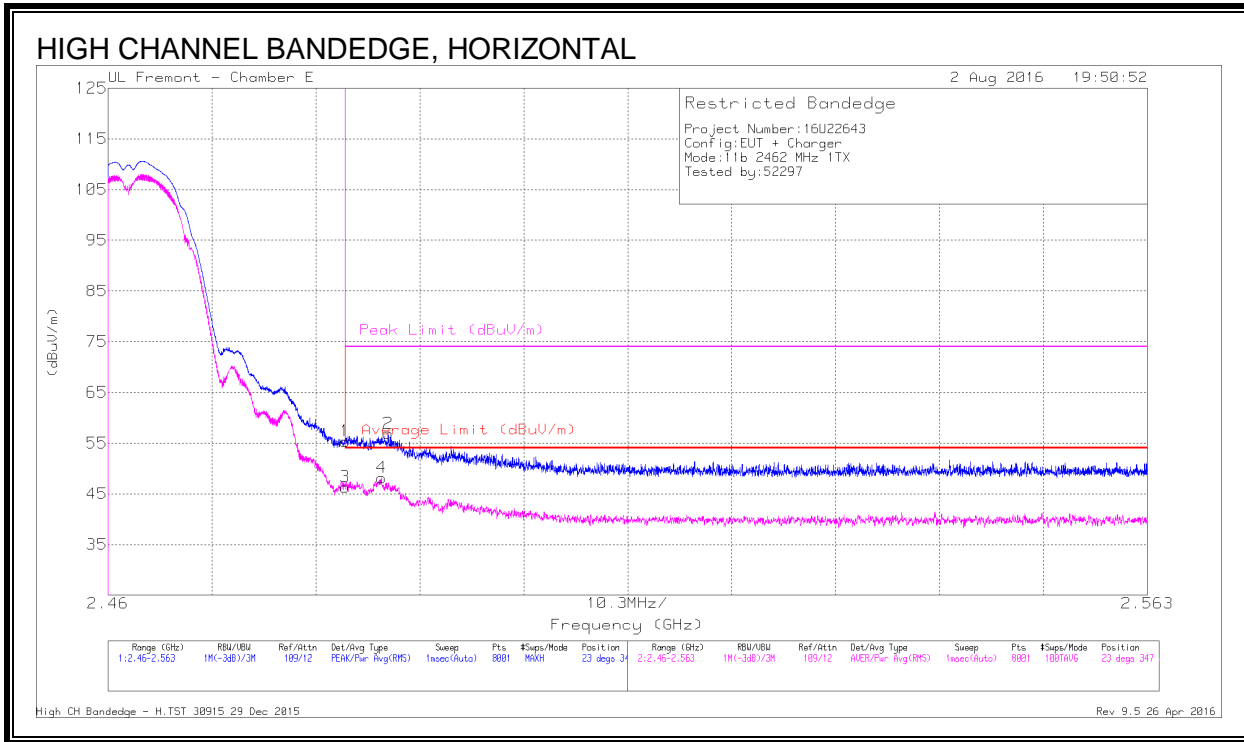
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1711 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	45.69	Pk	32.1	-19.9	57.89	-	-	74	-16.11	9	331	V
2	* 2.39	45.87	Pk	32.1	-19.9	58.07	-	-	74	-15.93	9	331	V
3	* 2.39	38.81	RMS	32.1	-19.9	51.01	54	-2.99	-	-	9	331	V
4	* 2.39	38.57	RMS	32.1	-19.9	50.77	54	-3.23	-	-	9	331	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEGE (HIGH CHANNEL, CH 11)**



**DATA**

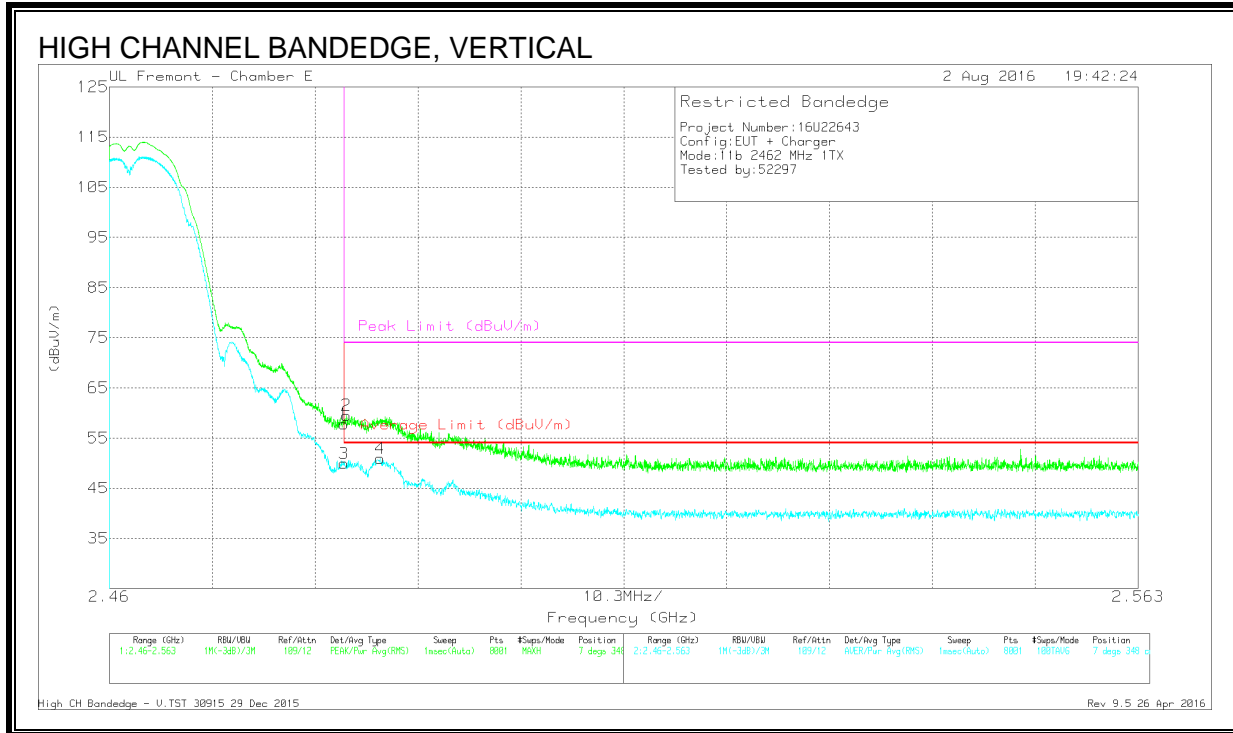
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1711 (dB/m)	Amp/Cb/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.09	Pk	32.3	-20	55.39	-	-	74	-18.61	23	347	H
2	* 2.488	44.73	Pk	32.3	-20.1	56.93	-	-	74	-17.07	23	347	H
3	* 2.484	34.06	RMS	32.3	-20	46.36	54	-7.64	-	-	23	347	H
4	* 2.487	35.98	RMS	32.3	-20.1	48.18	54	-5.82	-	-	23	347	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection



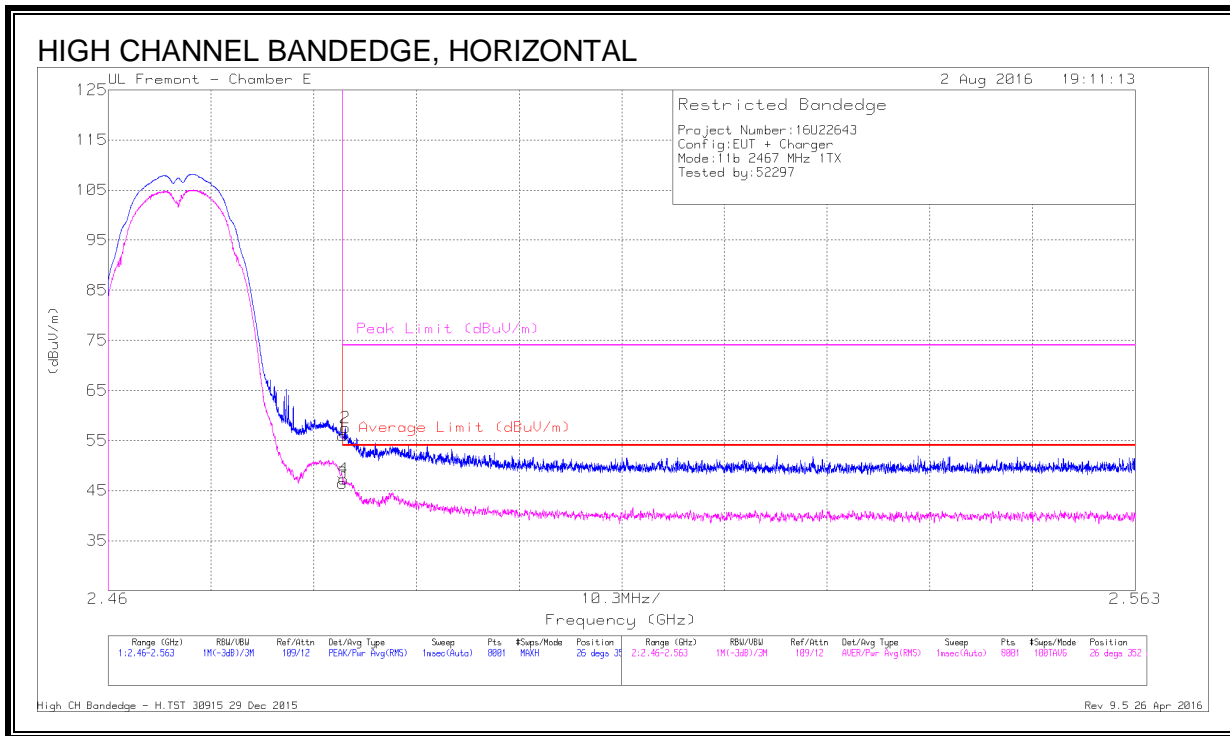


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fitr/Pa d (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	45.48	Pk	32.3	-20	57.78	-	-	74	-16.22	7	348	V
2	* 2.484	47.21	Pk	32.3	-20	59.51	-	-	74	-14.49	7	348	V
3	* 2.484	37.67	RMS	32.3	-20	49.97	54	-4.03	-	-	7	348	V
4	* 2.487	38.71	RMS	32.3	-20.1	50.91	54	-3.09	-	-	7	348	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**AUTHORIZED BANDEGE (HIGH CHANNEL, CH 12)**



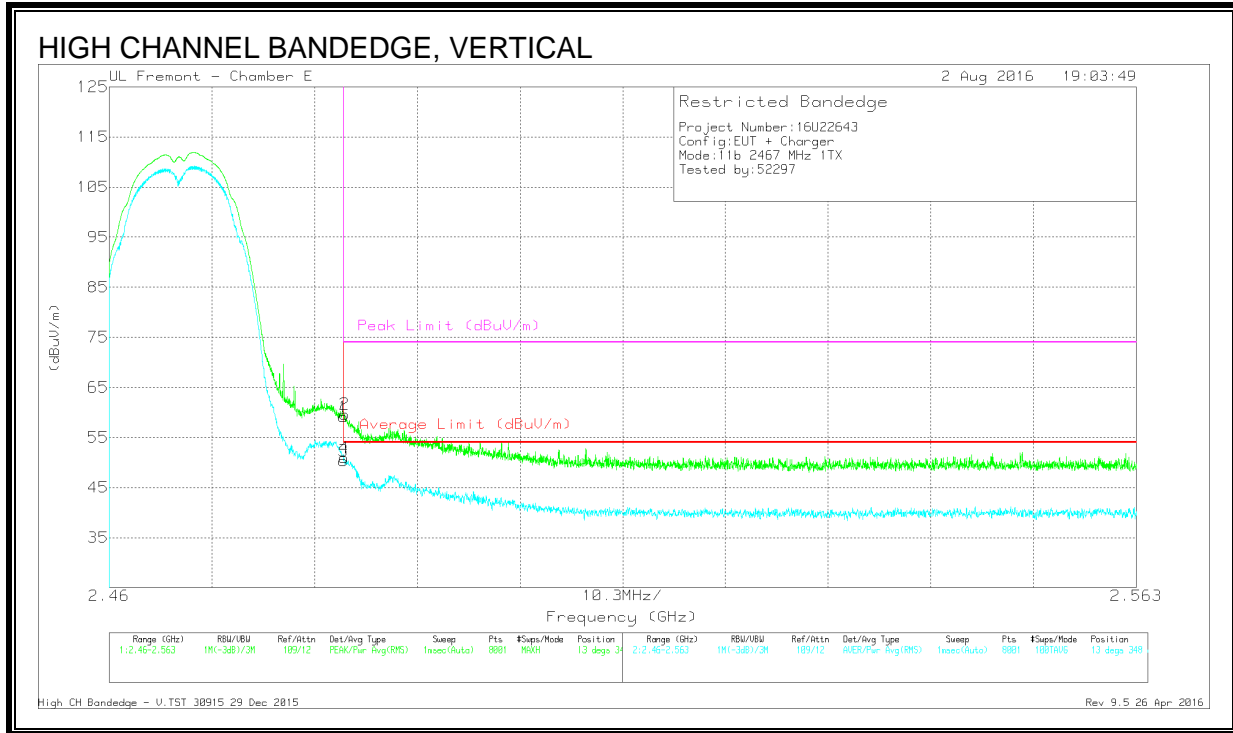
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	43.62	Pk	32.3	-20	55.92	-	-	74	-18.08	26	352	H
2	* 2.484	45.25	Pk	32.3	-20	57.55	-	-	74	-16.45	26	352	H
3	* 2.484	34.2	RMS	32.3	-20	46.5	54	-7.5	-	-	26	352	H
4	* 2.484	35.02	RMS	32.3	-20	47.32	54	-6.68	-	-	26	352	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

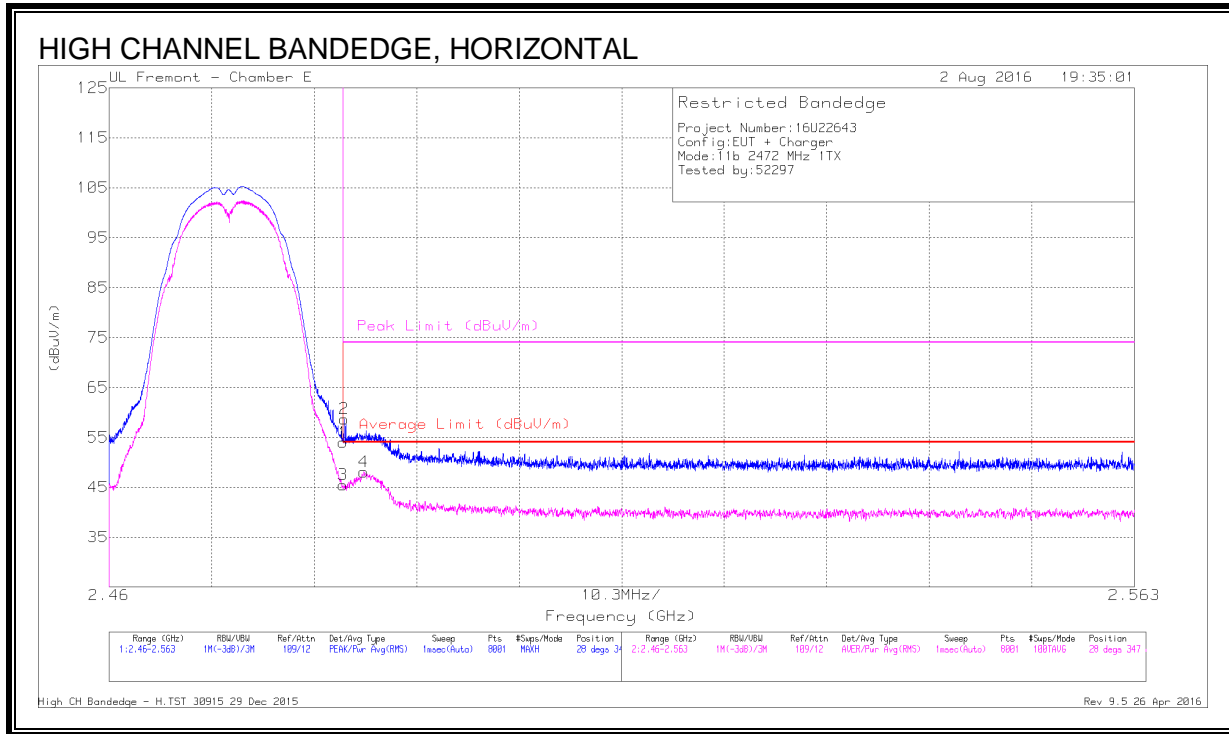


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 7711 (dB/m)	Amp/Cbl/Filtr/Pa d (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	32.3	-20	59.1	-	-	74	-14.9	13	348	V
2	* 2.484	47.36	Pk	32.3	-20	59.66	-	-	74	-14.34	13	348	V
3	* 2.484	38.06	RMS	32.3	-20	50.36	54	-3.64	-	-	13	348	V
4	* 2.484	38.62	RMS	32.3	-20	50.92	54	-3.08	-	-	13	348	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

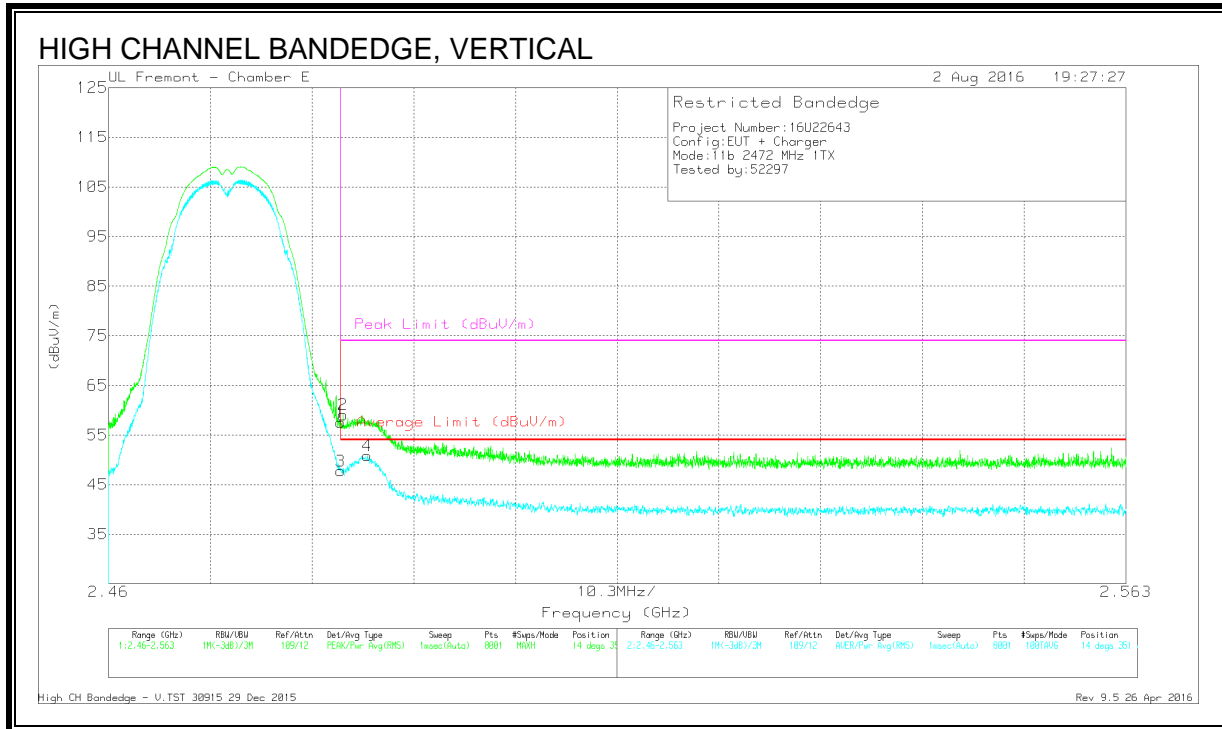
**AUTHORIZED BANDEGE (HIGH CHANNEL, CH 13)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1711 (dB/m)	Amp/Cb/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	41.67	Pk	32.3	-20	53.97	-	-	74	-20.03	28	347	H
2	* 2.484	46.39	Pk	32.3	-20	58.69	-	-	74	-15.31	28	347	H
3	* 2.484	33.2	RMS	32.3	-20	45.5	54	-8.5	-	-	28	347	H
4	* 2.486	35.88	RMS	32.3	-20.1	48.08	54	-5.92	-	-	28	347	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection



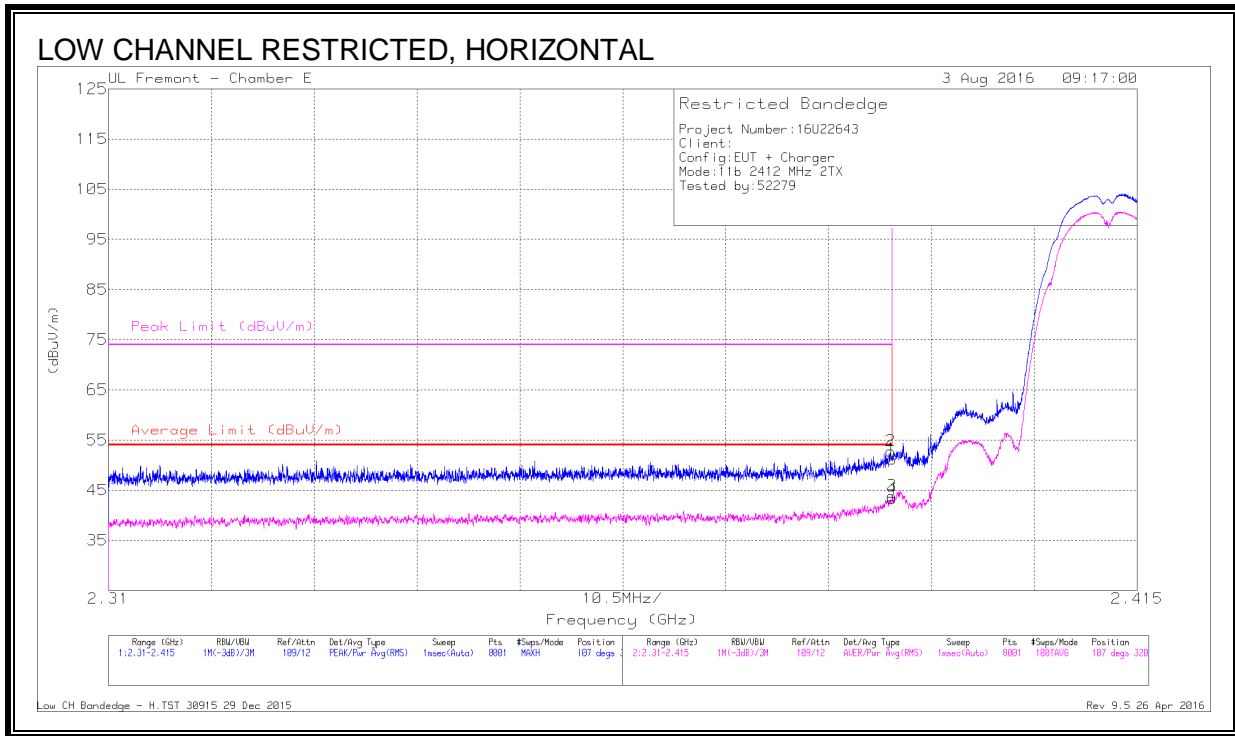
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Fltr/Pa d (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	45.23	Pk	32.3	-20	57.53	-	-	74	-16.47	14	351	V
2	* 2.484	46.78	Pk	32.3	-20	59.08	-	-	74	-14.92	14	351	V
3	* 2.484	35.45	RMS	32.3	-20	47.75	54	-6.25	-	-	14	351	V
4	* 2.486	38.63	RMS	32.3	-20.1	50.83	54	-3.17	-	-	14	351	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### 9.5. 802.11b 2Tx MODE IN THE 2.4 GHz BAND CHAIN 0+1

#### RESTRICTED BANDEDGE (LOW CHANNEL, CH 1)



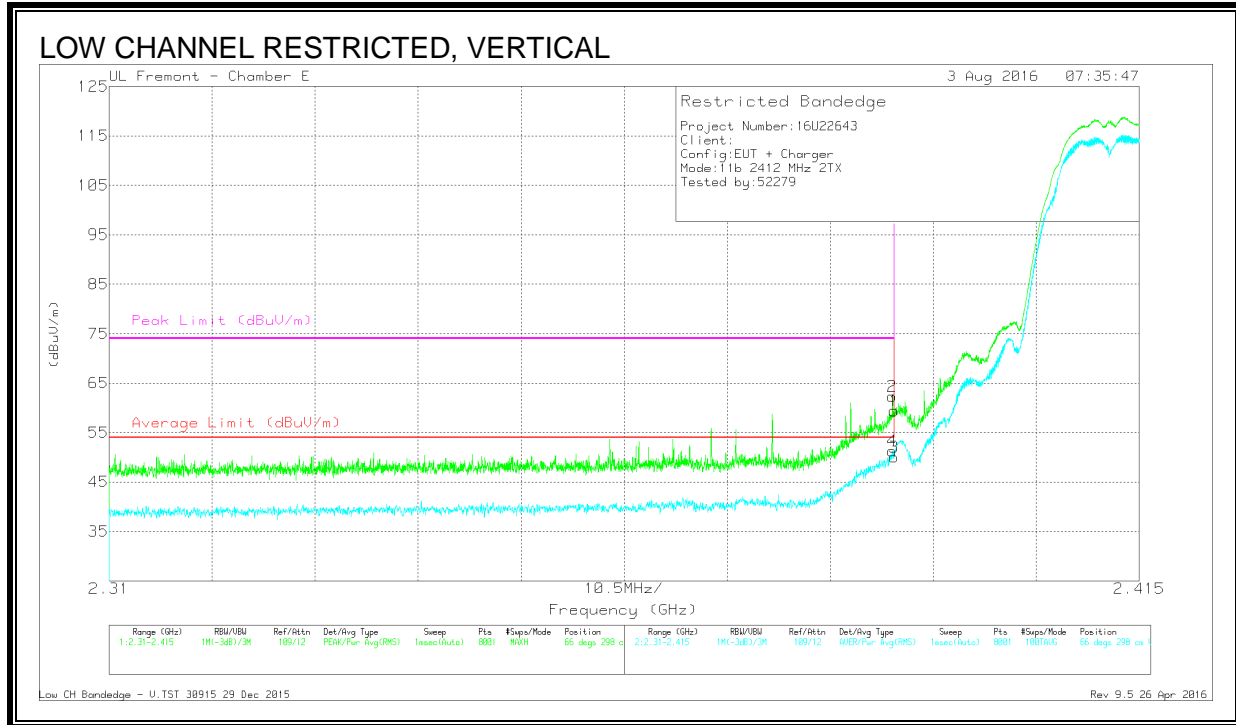
#### DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/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	* 2.39	39.03	Pk	32.1	-19.9	51.23	-	-	74	-22.77	107	320	H
2	* 2.39	40.63	Pk	32.1	-19.9	52.83	-	-	74	-21.17	107	320	H
3	* 2.39	31.67	RMS	32.1	-19.9	43.87	54	-10.13	-	-	107	320	H
4	* 2.39	31.16	RMS	32.1	-19.9	43.36	54	-10.64	-	-	107	320	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection



**DATA**

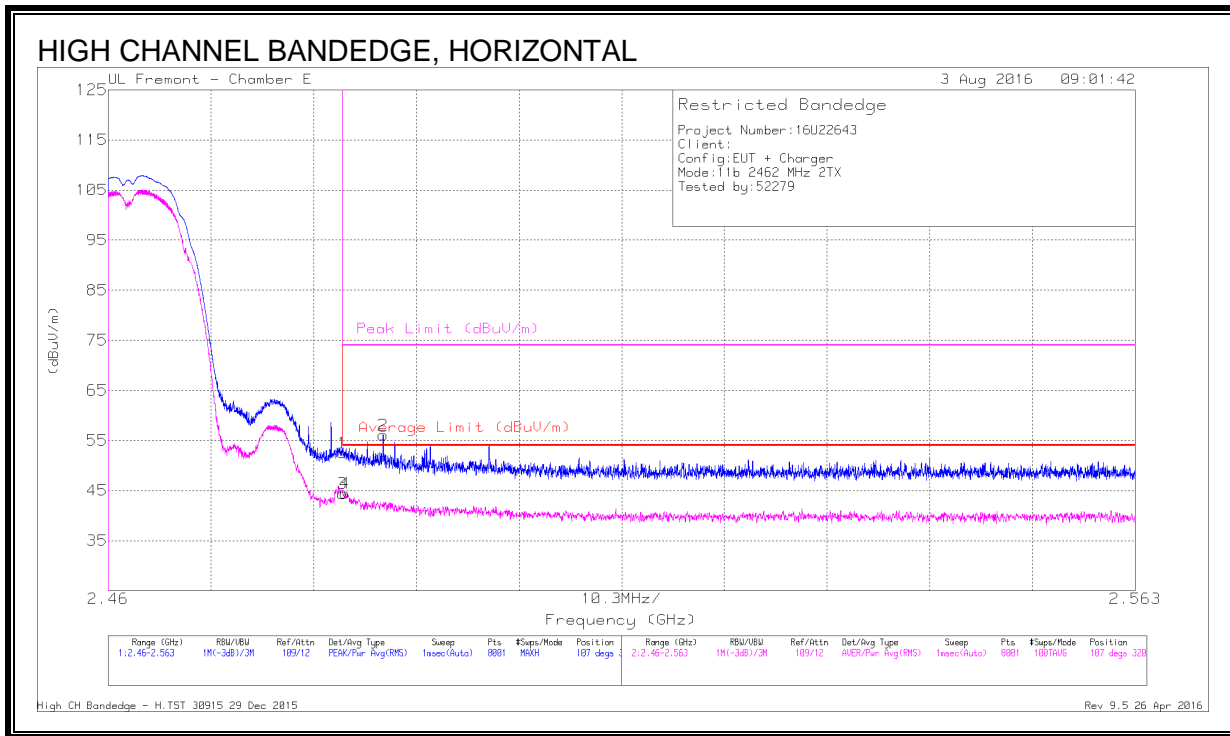
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	47.22	Pk	32.1	-19.9	59.42	-	-	74	-14.58	66	298	V
2	* 2.39	50.12	Pk	32.1	-19.9	62.32	-	-	74	-11.68	66	298	V
3	* 2.39	37.89	RMS	32.1	-19.9	50.09	54	-3.91	-	-	66	298	V
4	* 2.39	39.03	RMS	32.1	-19.9	51.23	54	-2.77	-	-	66	298	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL, CH 11)**



**DATA**

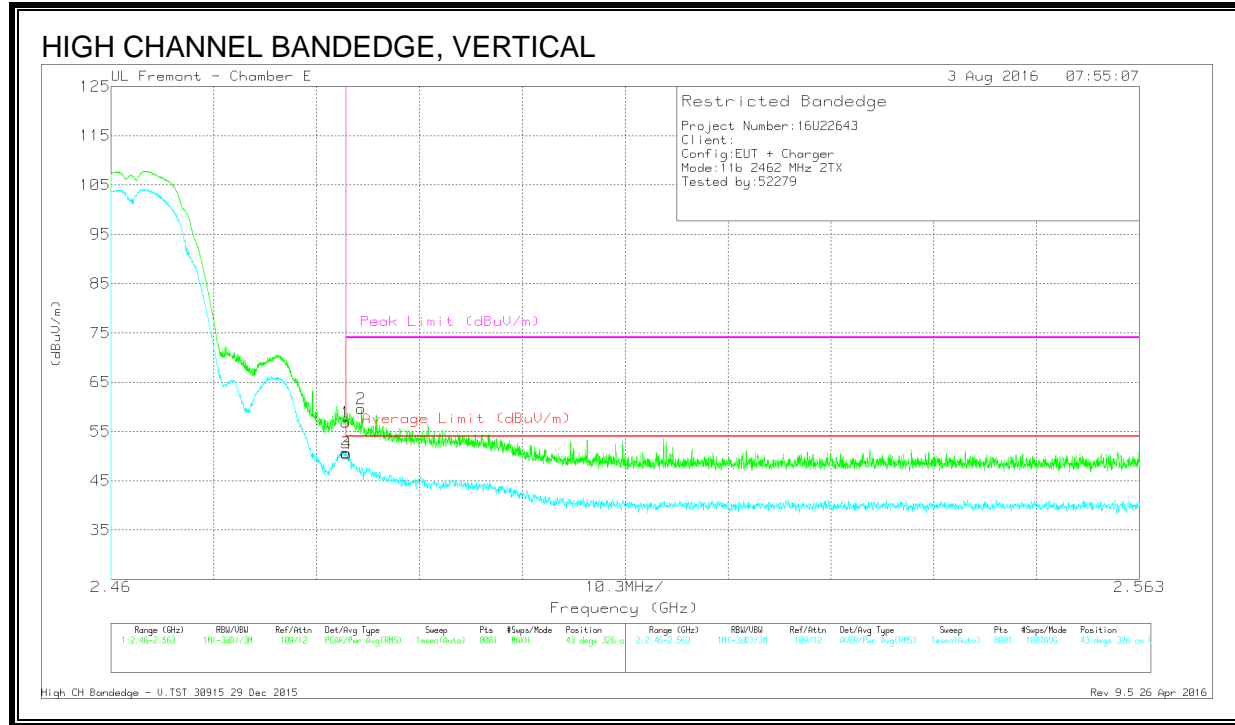
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Fltr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.23	Pk	32.3	-20	52.53	-	-	74	-21.47	107	320	H
2	* 2.488	43.87	Pk	32.3	-20.1	56.07	-	-	74	-17.93	107	320	H
3	* 2.484	32.12	RMS	32.3	-20	44.42	54	-9.58	-	-	107	320	H
4	* 2.484	32.17	RMS	32.3	-20	44.47	54	-9.53	-	-	107	320	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection



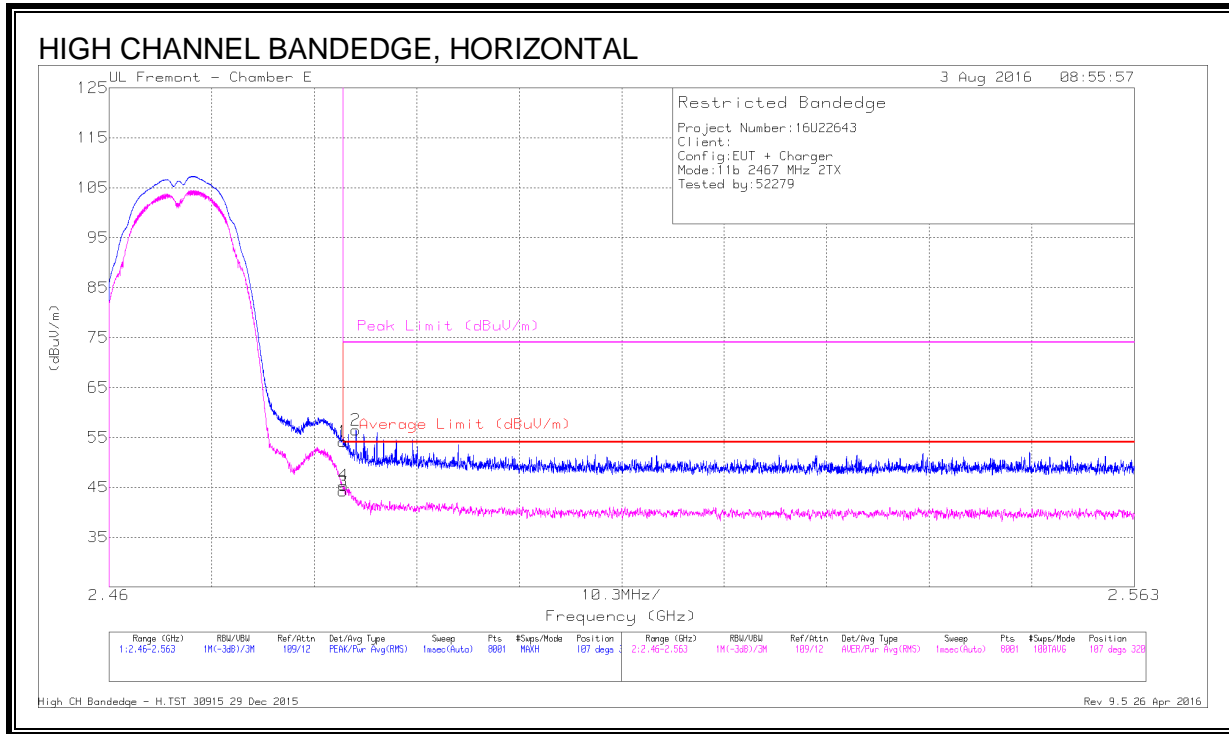


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T1711 (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	44.58	Pk	32.3	-20	56.88	-	-	74	-17.12	43	326	V
2	* 2.485	47.38	Pk	32.3	-20.1	59.58	-	-	74	-14.42	43	326	V
3	* 2.484	38.35	RMS	32.3	-20	50.65	54	-3.35	-	-	43	326	V
4	* 2.484	38.18	RMS	32.3	-20	50.48	54	-3.52	-	-	43	326	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

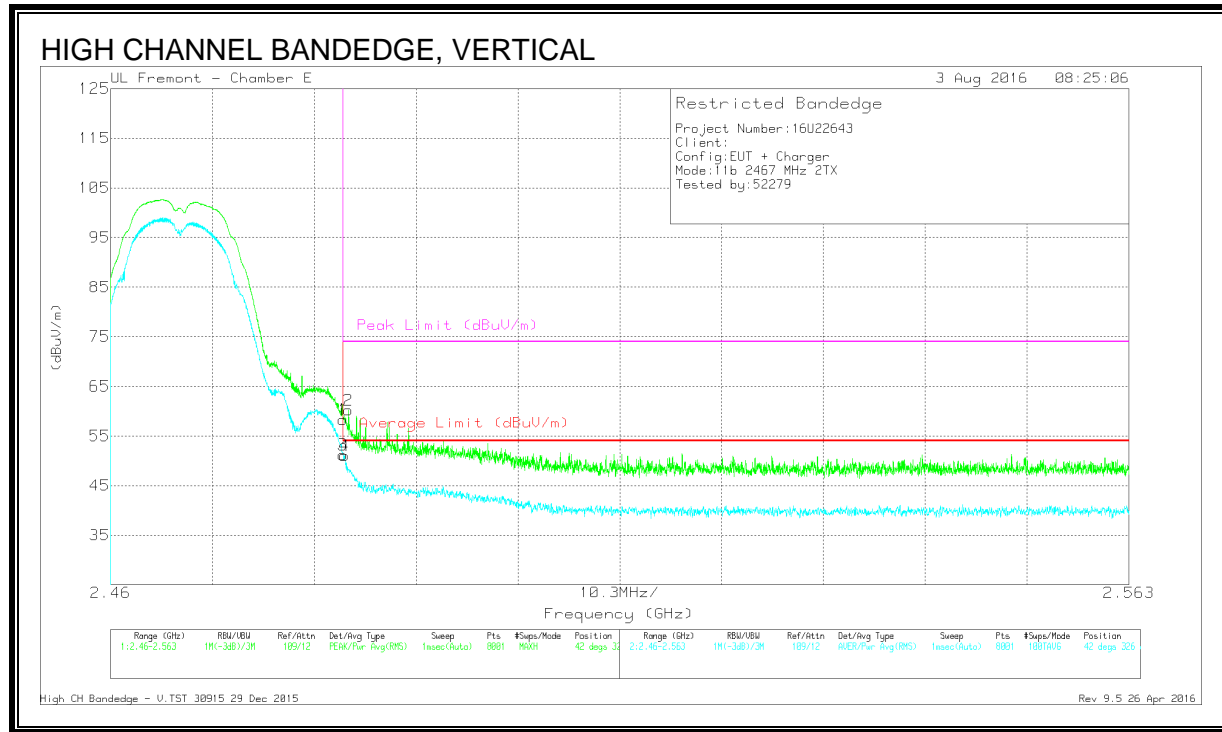
**AUTHORIZED BANDEGE (HIGH CHANNEL, CH 12)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	41.84	Pk	32.3	-20	54.14	-	-	74	-19.86	107	320	H
2	* 2.485	44.28	Pk	32.3	-20.1	56.48	-	-	74	-17.52	107	320	H
3	* 2.484	31.9	RMS	32.3	-20	44.2	54	-9.8	-	-	107	320	H
4	* 2.484	33.08	RMS	32.3	-20	45.38	54	-8.62	-	-	107	320	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Par d (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	46.02	Pk	32.3	-20	58.32	-	-	74	-15.68	42	326	V
2	* 2.484	47.92	Pk	32.3	-20	60.22	-	-	74	-13.78	42	326	V
3	* 2.484	38.93	RMS	32.3	-20	51.23	54	-2.77	-	-	42	326	V
4	* 2.484	38.74	RMS	32.3	-20	51.04	54	-2.96	-	-	42	326	V

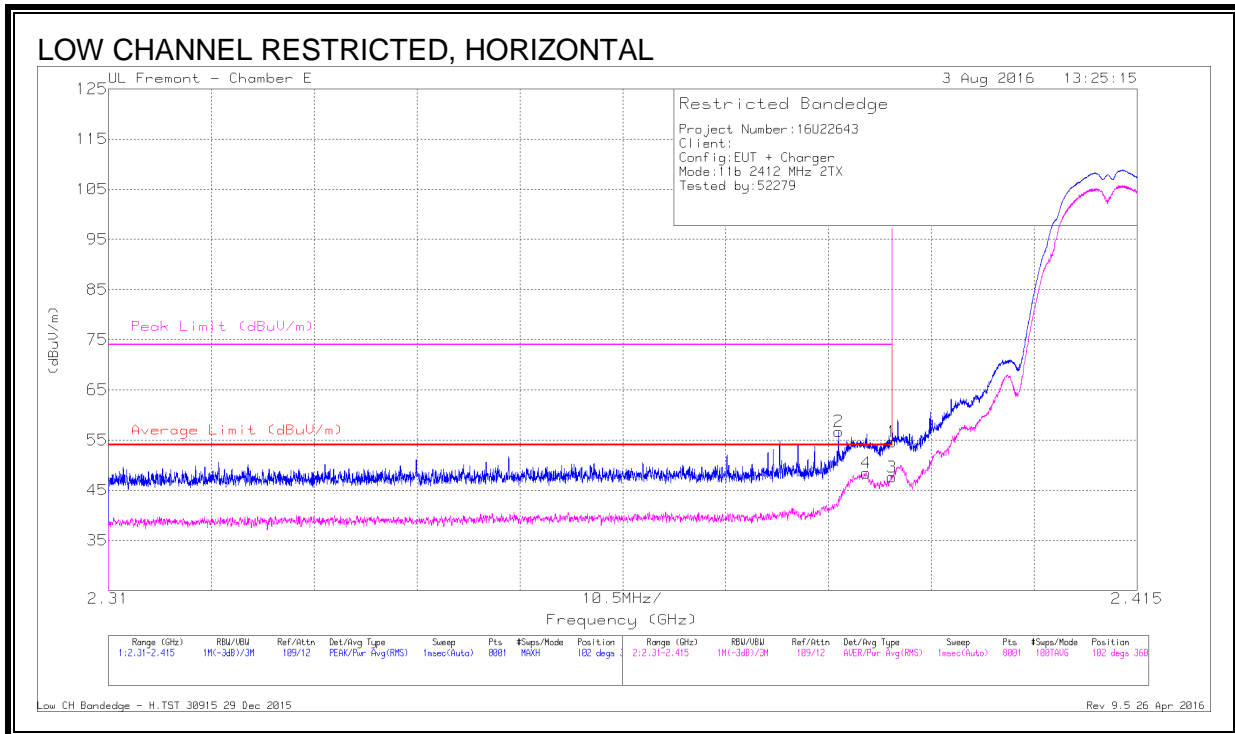
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

### 9.6. 802.11b 2Tx MODE IN THE 2.4 GHz BAND CHAIN 0+2

#### RESTRICTED BANDEDGE (LOW CHANNEL, CH 1)



#### DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/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
2	* 2.385	44.51	Pk	32.1	-19.9	56.71	-	-	74	-17.29	102	360	H
4	* 2.387	36.25	RMS	32.1	-19.9	48.45	54	-5.55	-	-	102	360	H
1	* 2.39	42.46	Pk	32.1	-19.9	54.66	-	-	74	-19.34	102	360	H
3	* 2.39	35.41	RMS	32.1	-19.9	47.61	54	-6.39	-	-	102	360	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection