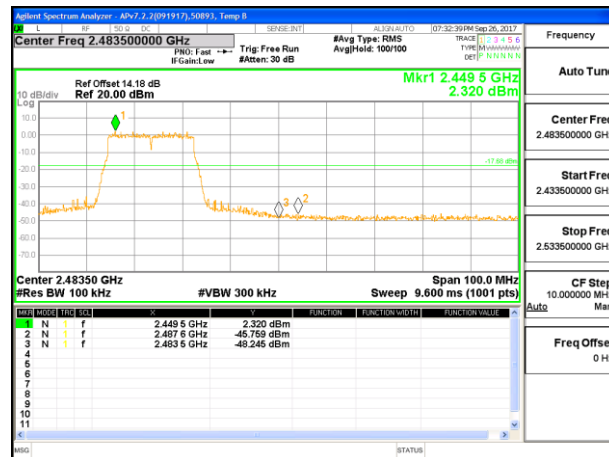
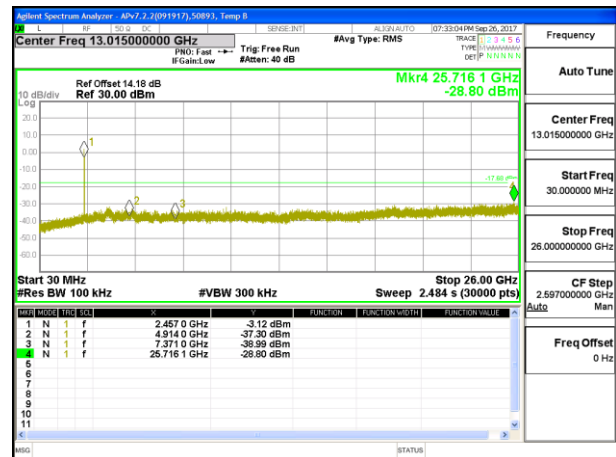
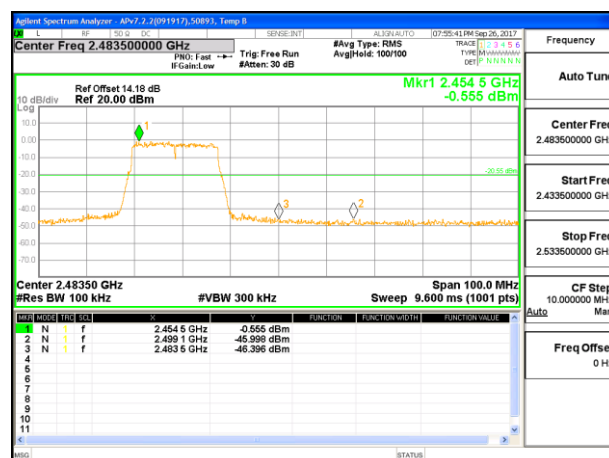




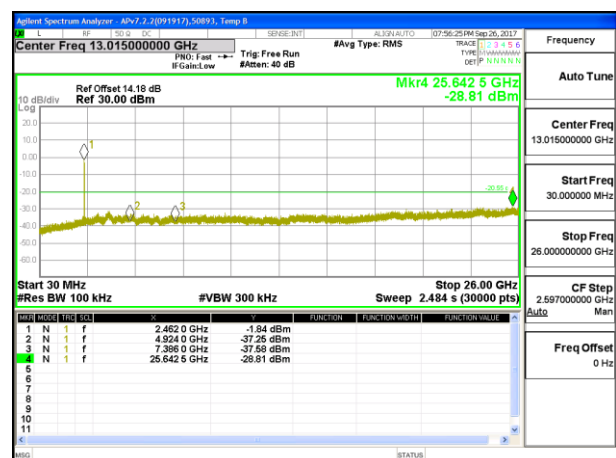
HIGH CHANNEL 10 BANDEDGE WF4



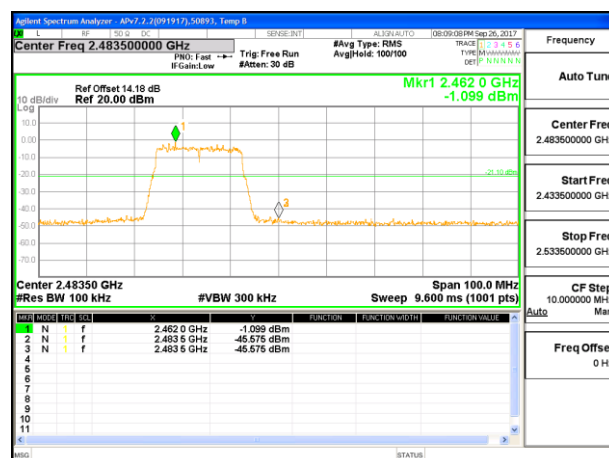
OUT-OF-BAND HIGH CHANNEL 10 WF4



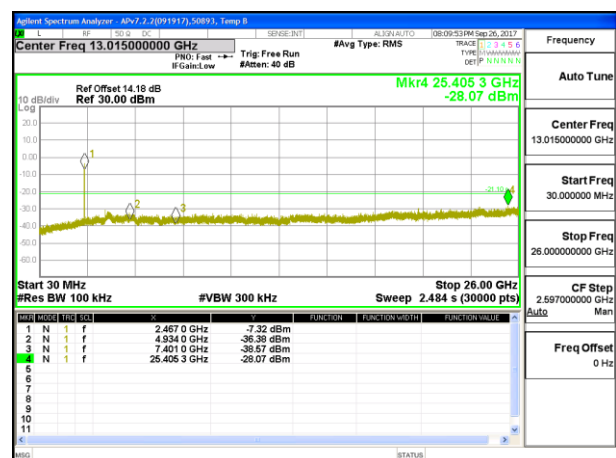
HIGH CHANNEL 11 BANDEDGE WF4



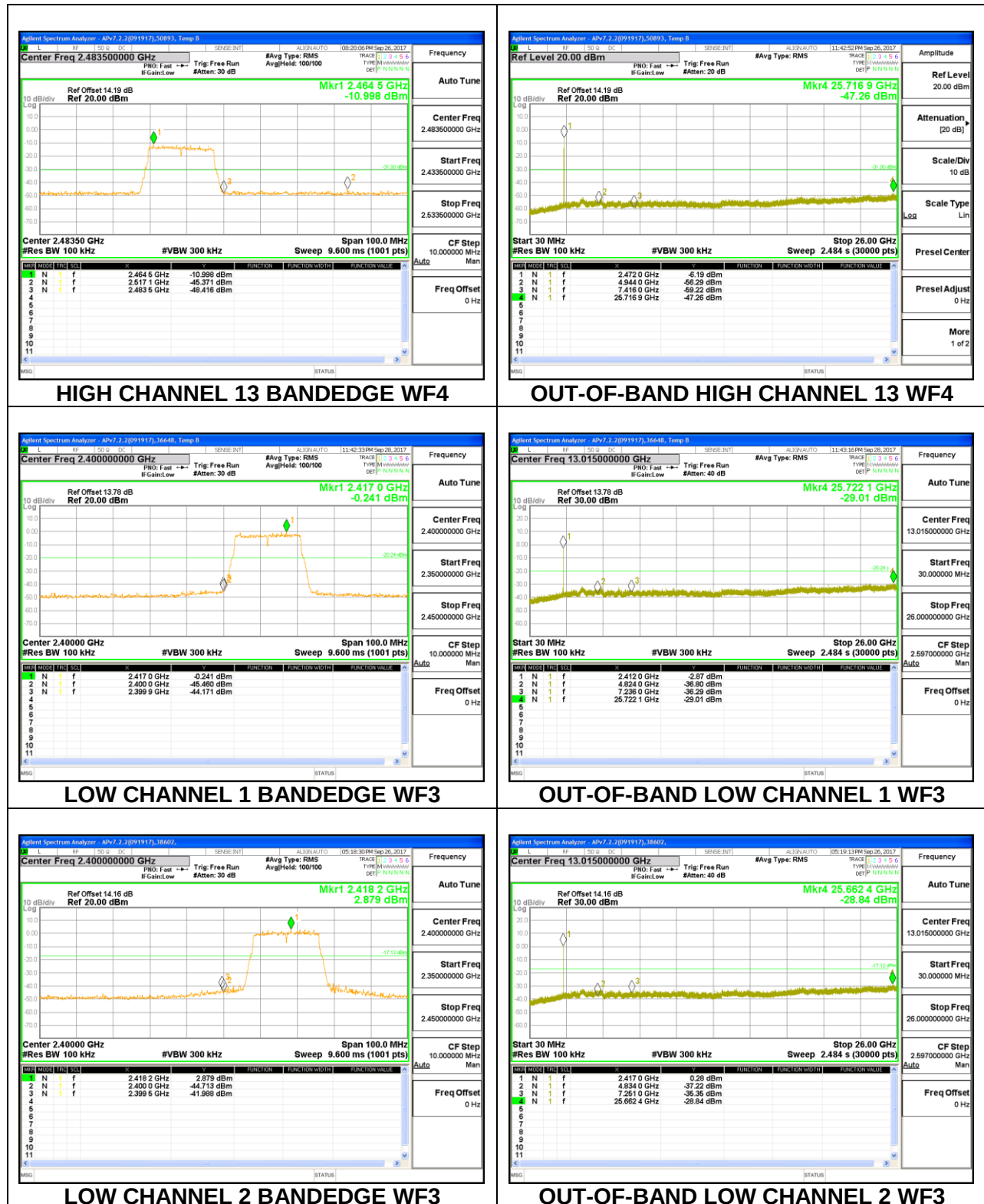
OUT-OF-BAND HIGH CHANNEL 11 WF4

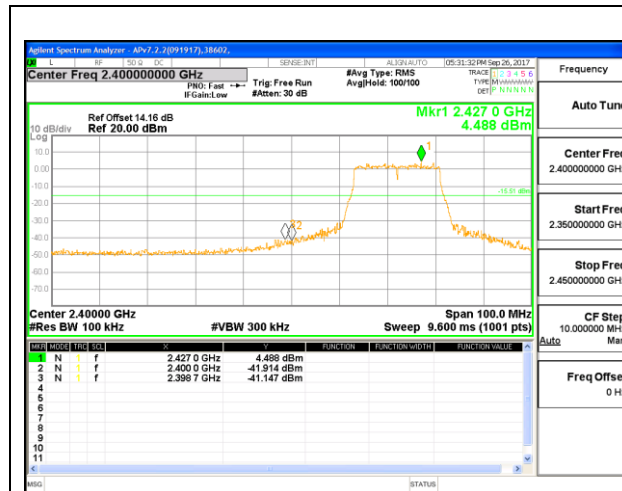


HIGH CHANNEL 12 BANDEDGE WF4

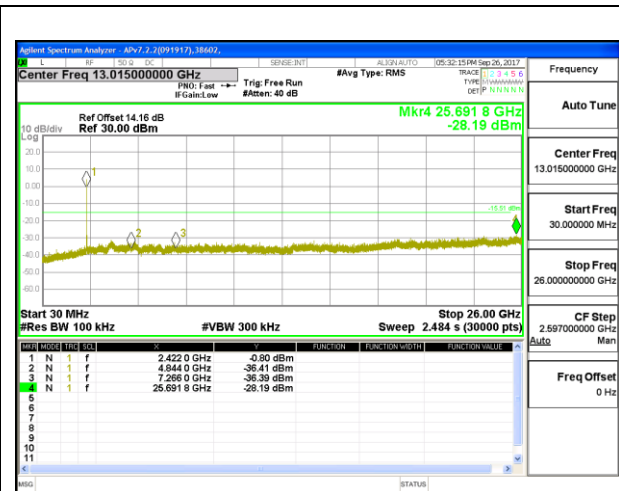


OUT-OF-BAND HIGH CHANNEL 12 WF4

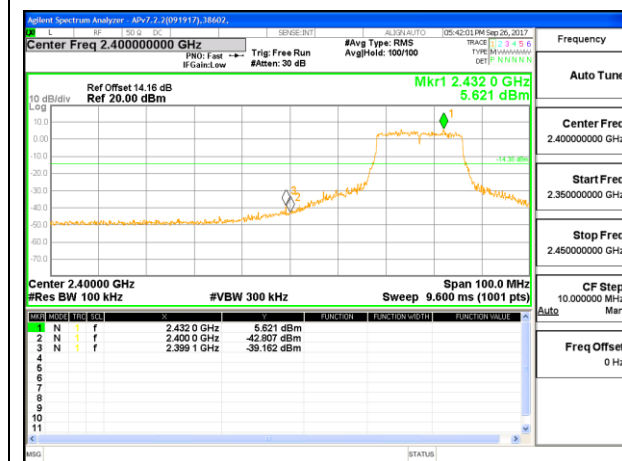




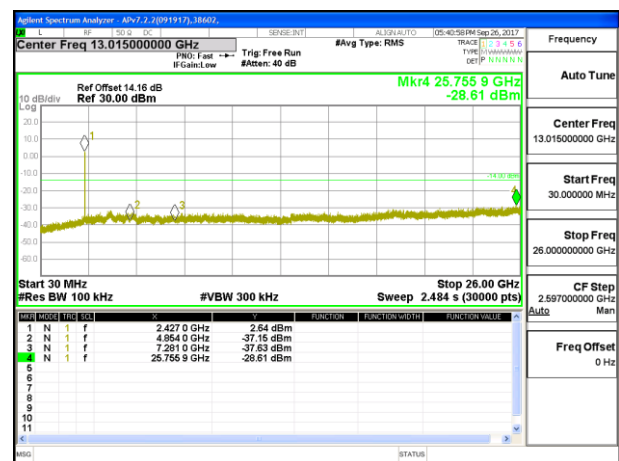
LOW CHANNEL 3 BANDEDGE WF3



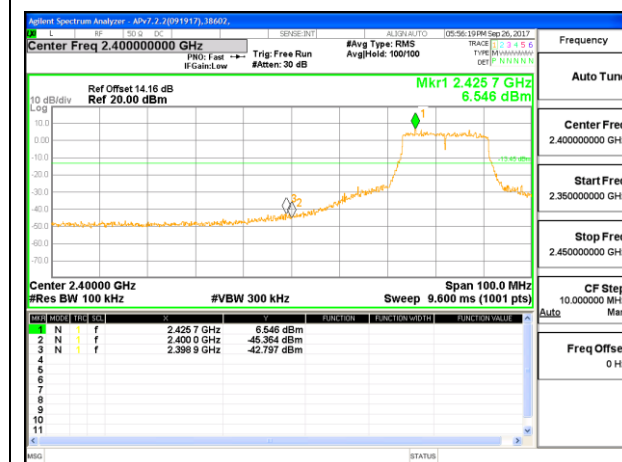
OUT-OF-BAND LOW CHANNEL 3 WF3



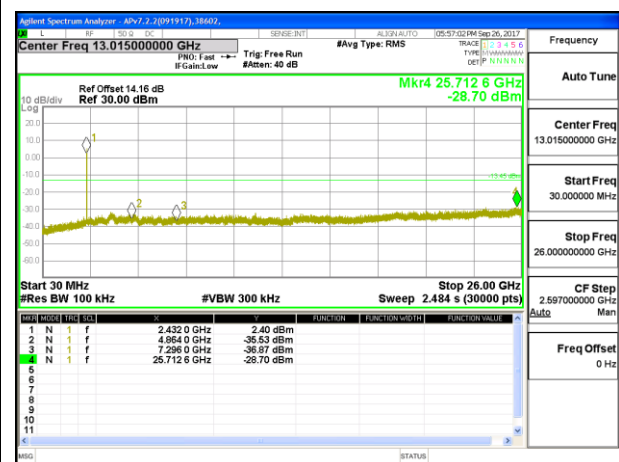
LOW CHANNEL 4 BANDEDGE WF3



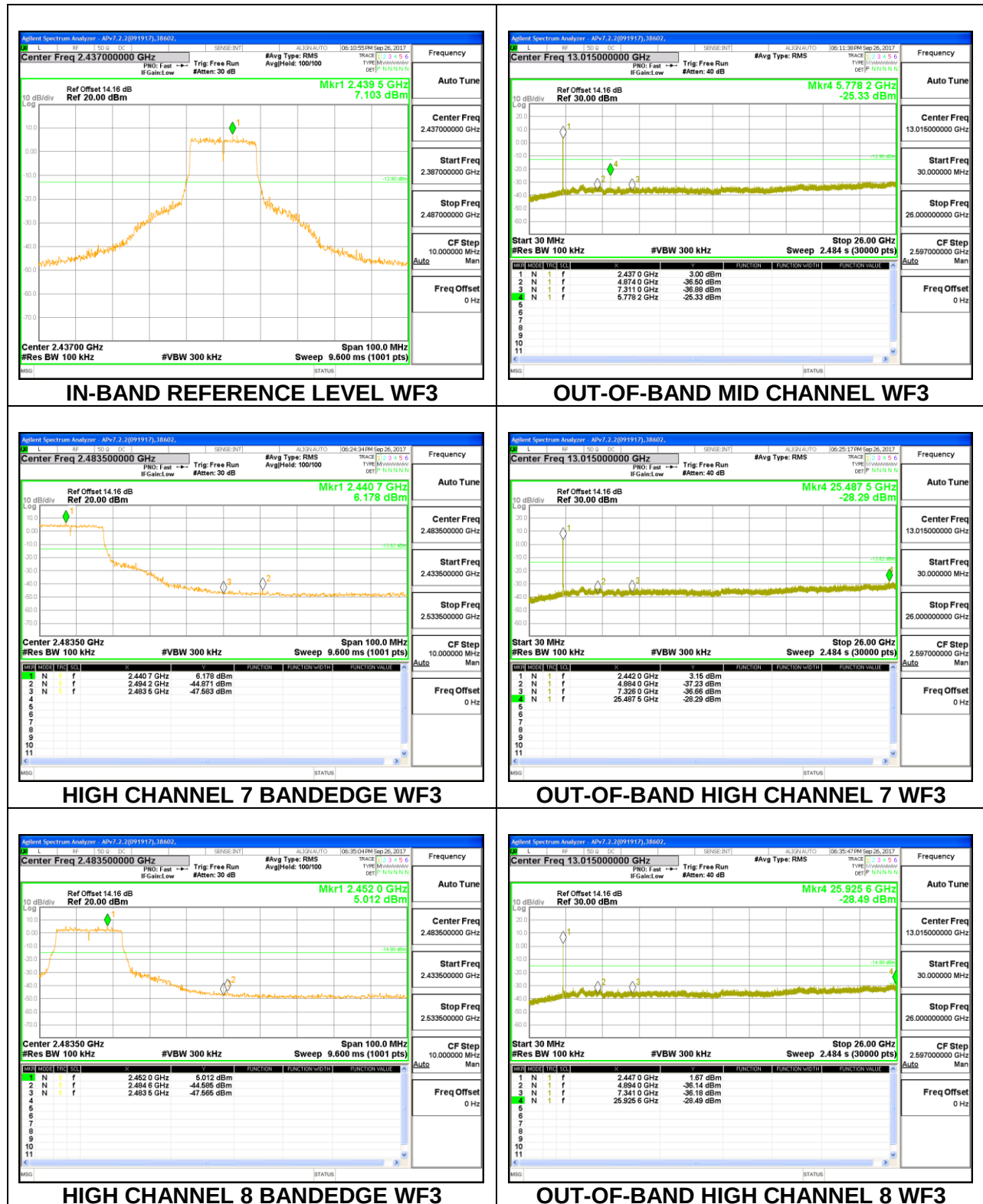
OUT-OF-BAND LOW CHANNEL 4 WF3

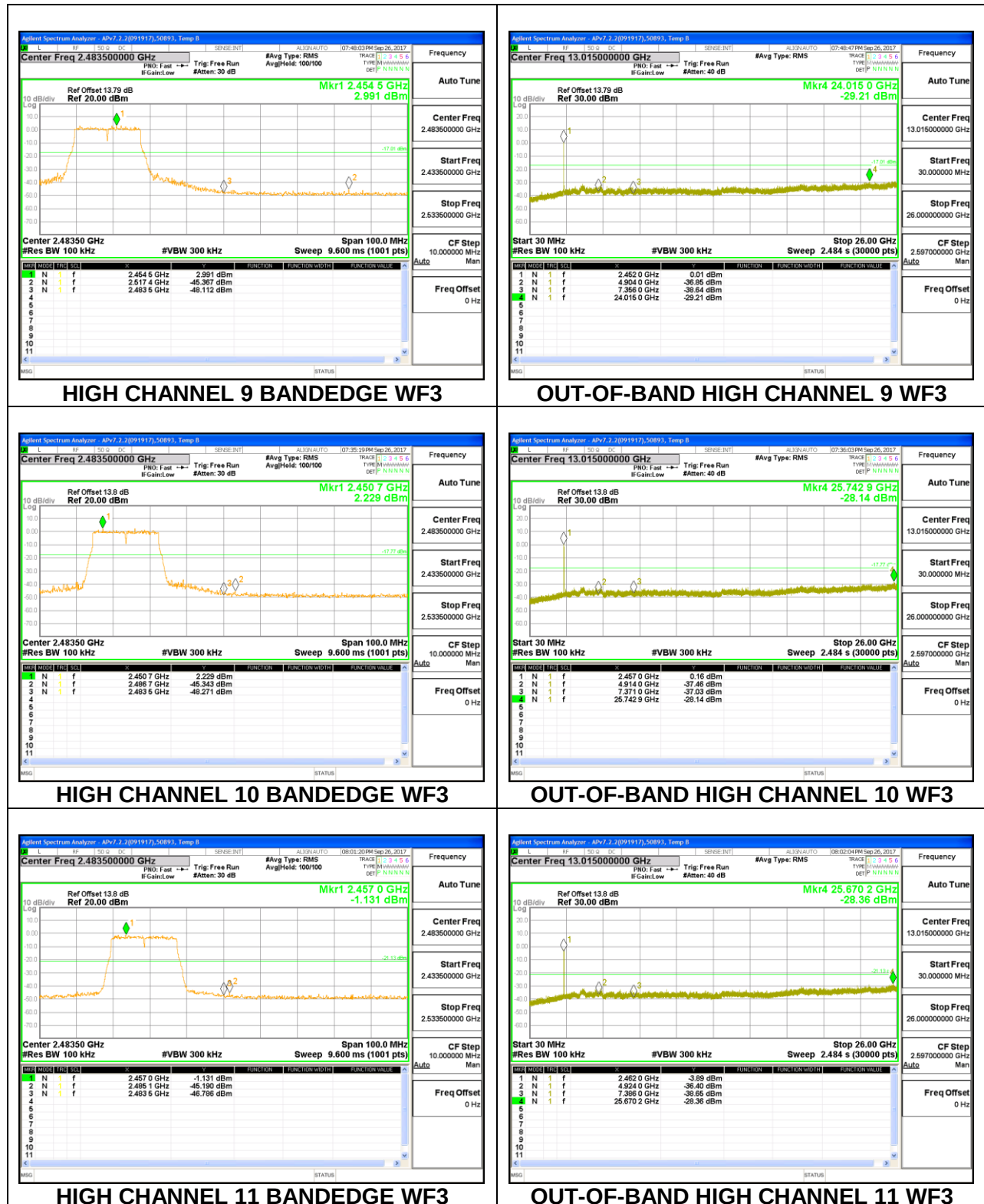


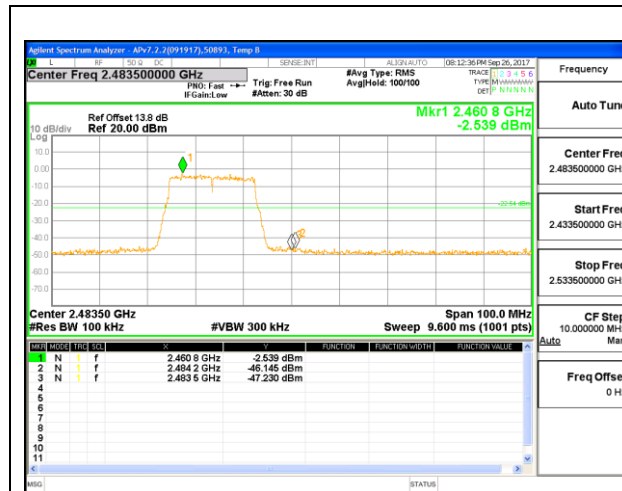
LOW CHANNEL 5 BANDEDGE WF3



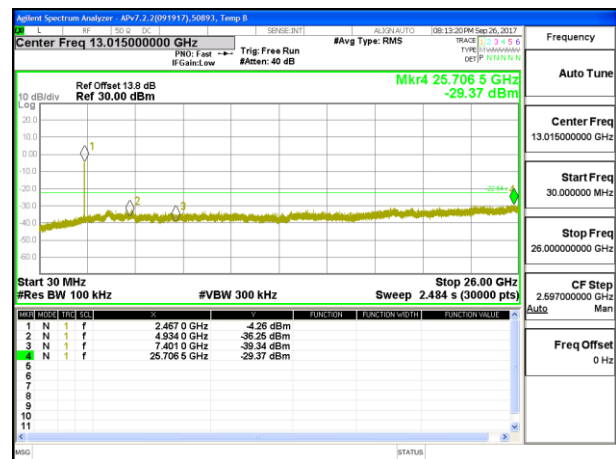
OUT-OF-BAND LOW CHANNEL 5 WF3



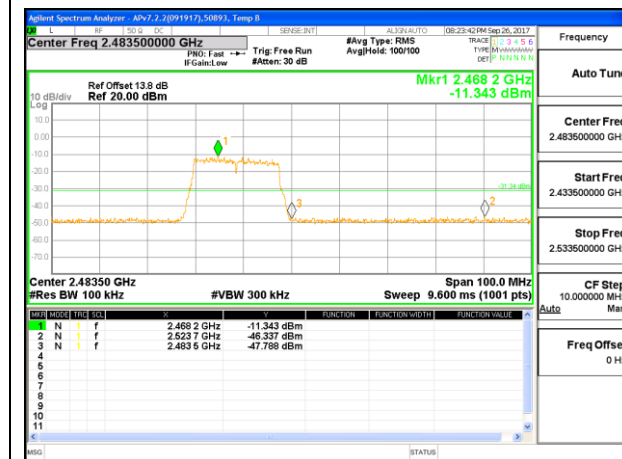




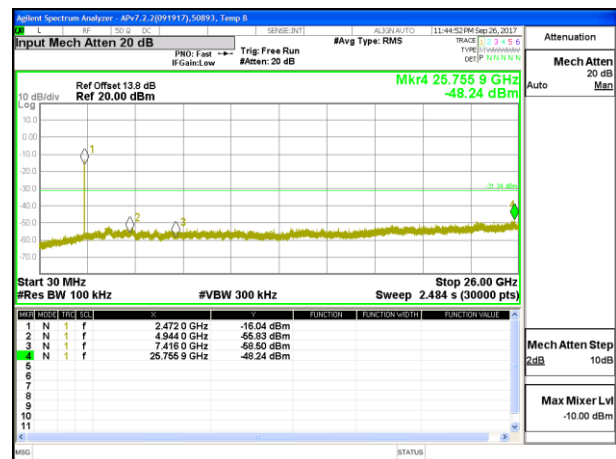
HIGH CHANNEL 12 BANDEDGE WF3



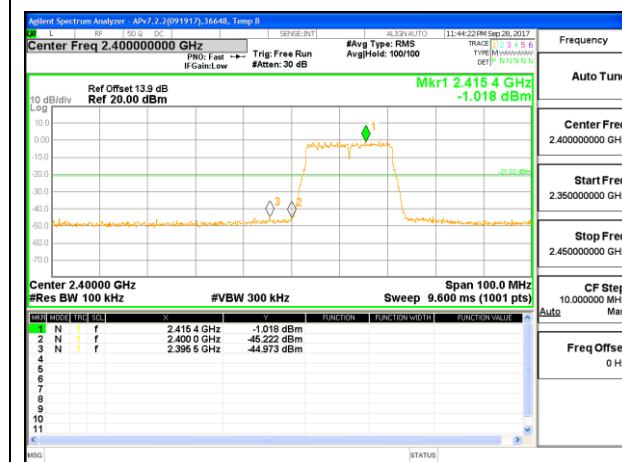
OUT-OF-BAND HIGH CHANNEL 12 WF3



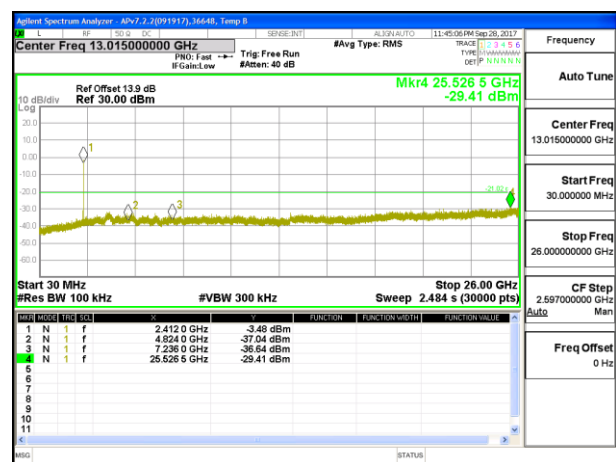
HIGH CHANNEL 13 BANDEDGE WF3



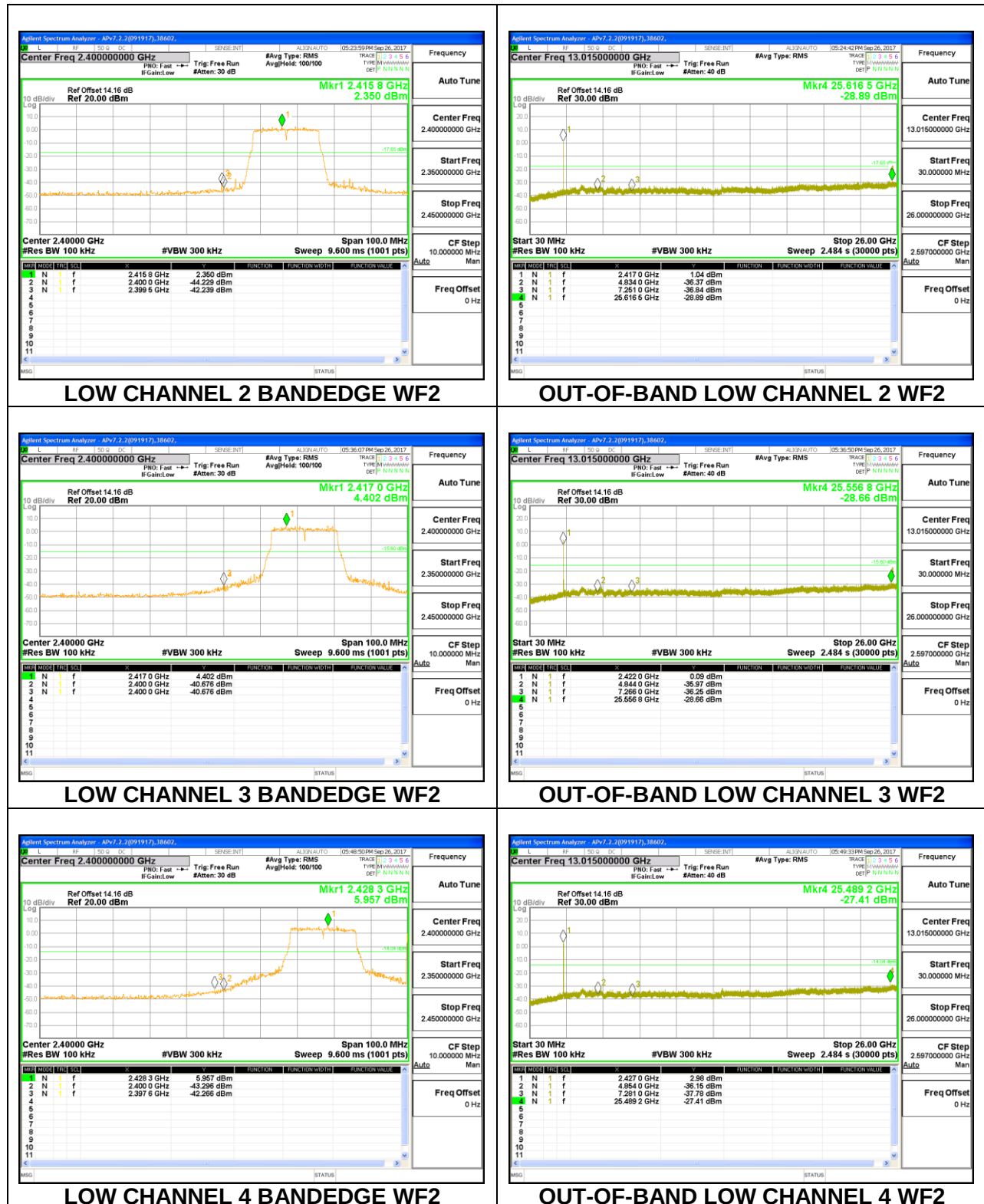
OUT-OF-BAND HIGH CHANNEL 13 WF3

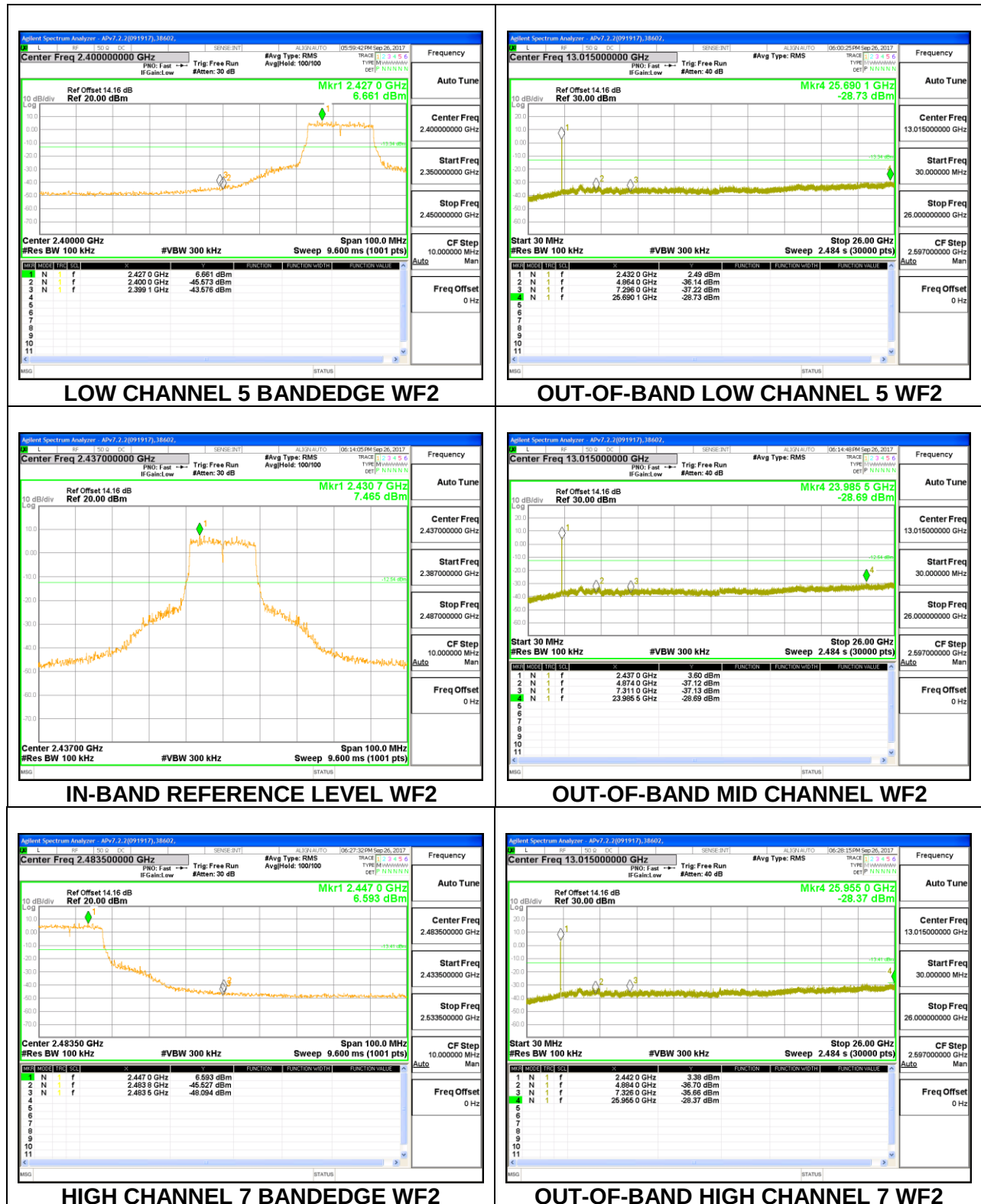


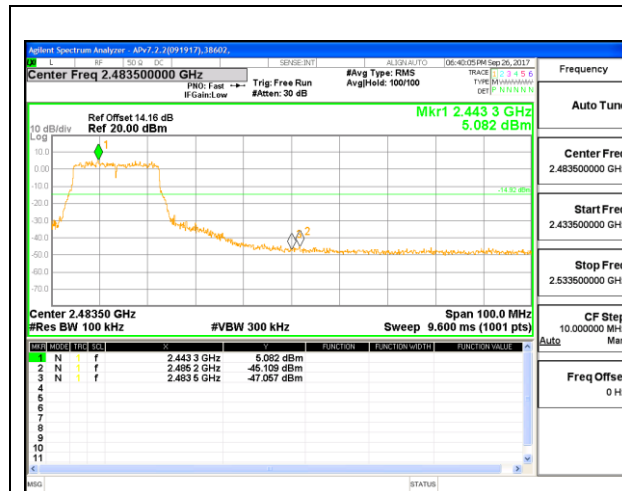
LOW CHANNEL 1 BANDEDGE WF2



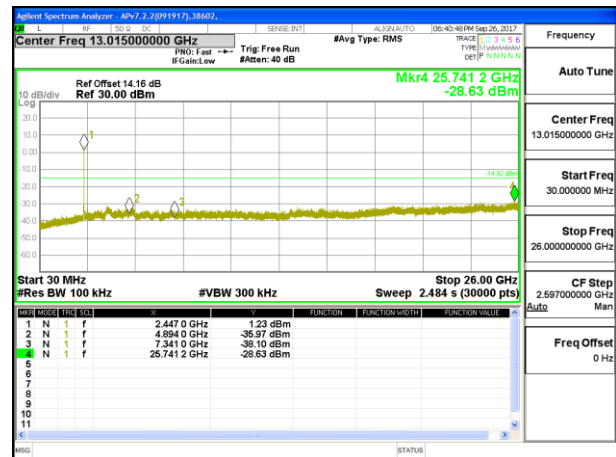
OUT-OF-BAND LOW CHANNEL 1 WF2



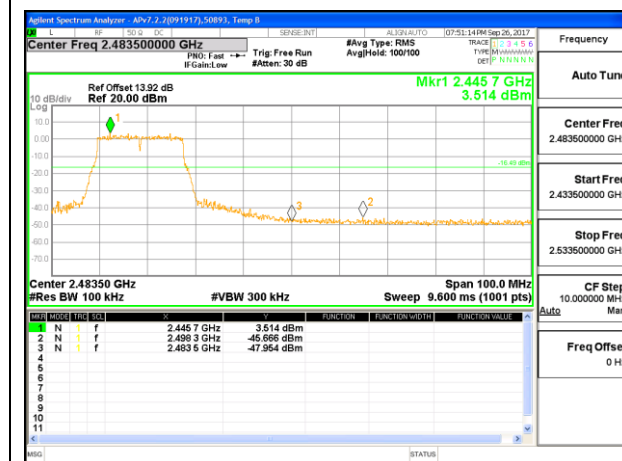




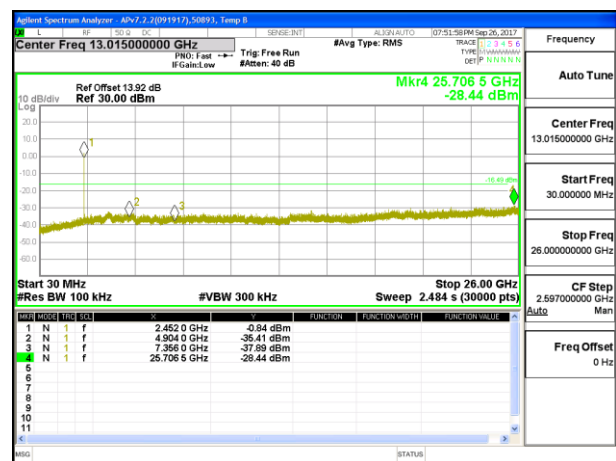
HIGH CHANNEL 8 BANDEDGE WF2



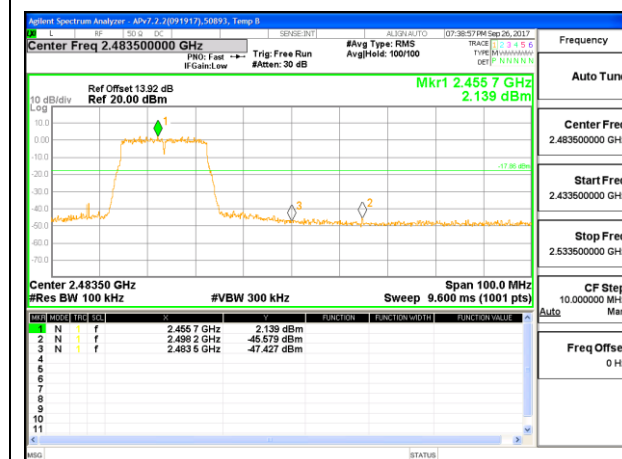
OUT-OF-BAND HIGH CHANNEL 8 WF2



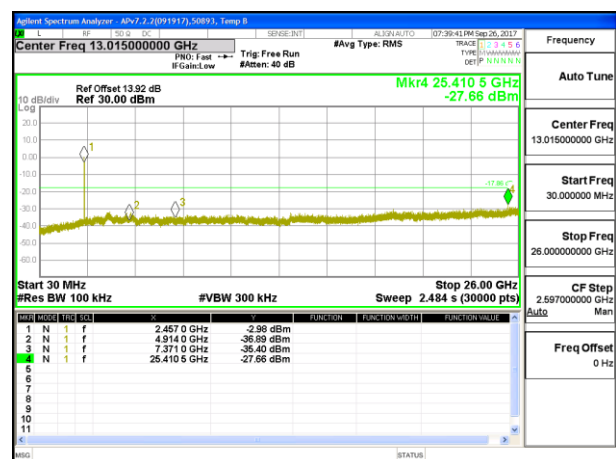
HIGH CHANNEL 9 BANDEDGE WF2



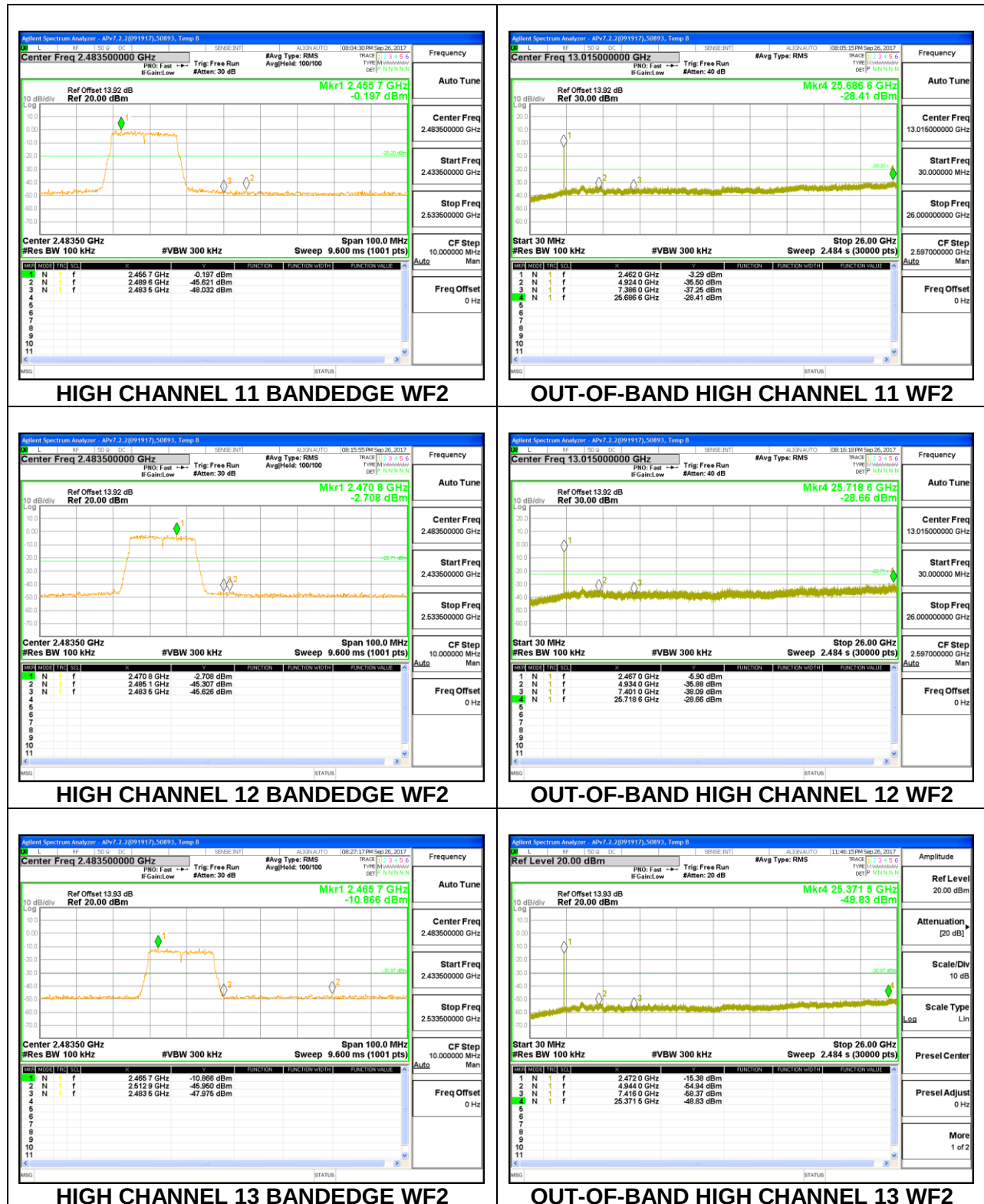
OUT-OF-BAND HIGH CHANNEL 9 WF2



HIGH CHANNEL 10 BANDEDGE WF2



OUT-OF-BAND HIGH CHANNEL 10 WF2



5. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209

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

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for below 1GHz and 150cm for above 1GHz. The antenna to EUT distance is 3 meters.

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 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.

Reference to KDB 789033 UNII part G) 6) d) Method AD:

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 add duty cycle factor to the reading offset for average measurements.

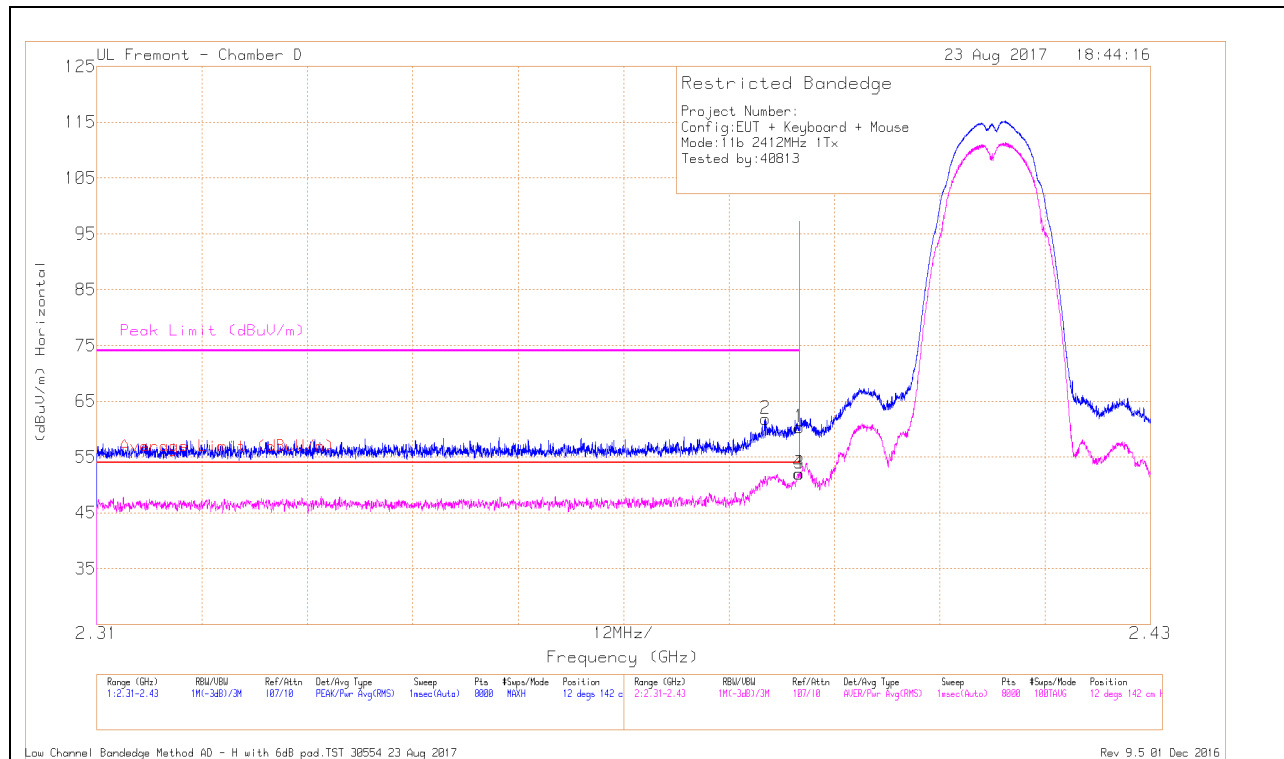
The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized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

5.1. TRANSMITTER ABOVE 1 GHz,

5.1.1. BANDEDGE, 1TX Antenna WF4, 802.11b Mode

LOW CHANNEL, CH 1

HORIZONTAL RESULT



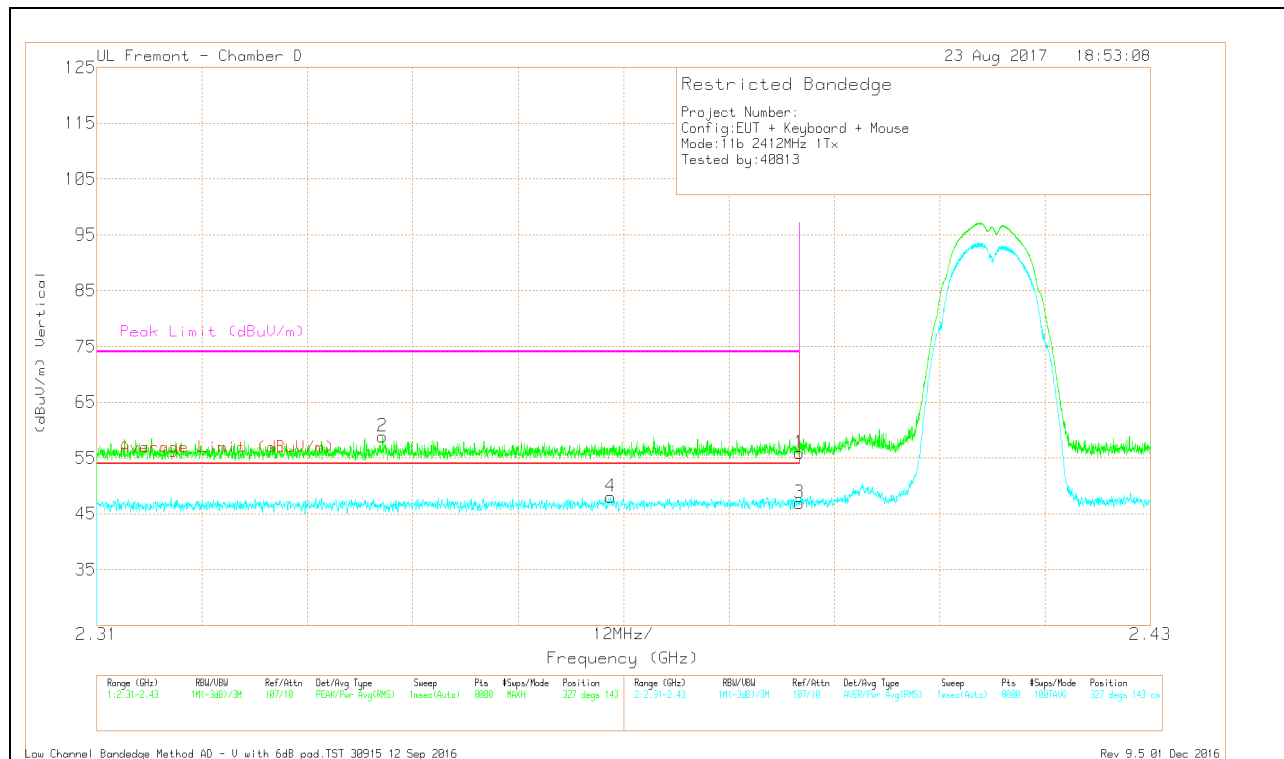
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.94	Pk	32.1	-20.7	6	0	60.34	-	-	74	-13.66	12	142	H
2	* 2.386	44.57	Pk	32.1	-20.8	6	0	61.87	-	-	74	-12.13	12	142	H
3	* 2.39	34.65	RMS	32.1	-20.7	6	0	52.05	54	-1.95	-	-	12	142	H
4	* 2.39	34.62	RMS	32.1	-20.7	6	0	52.02	54	-1.98	-	-	12	142	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/C bl/Filtr /Pad (dB)	6dB ext Attn	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	38.47	Pk	32.1	-20.7	6	55.87	-	-	74	-18.13	327	143	V
2	* 2.343	41.8	Pk	32	-20.9	6	58.9	-	-	74	-15.1	327	143	V
3	* 2.39	29.55	RMS	32.1	-20.7	6	46.95	54	-7.05	-	-	327	143	V
4	* 2.369	30.74	RMS	32.1	-20.8	6	48.04	54	-5.96	-	-	327	143	V

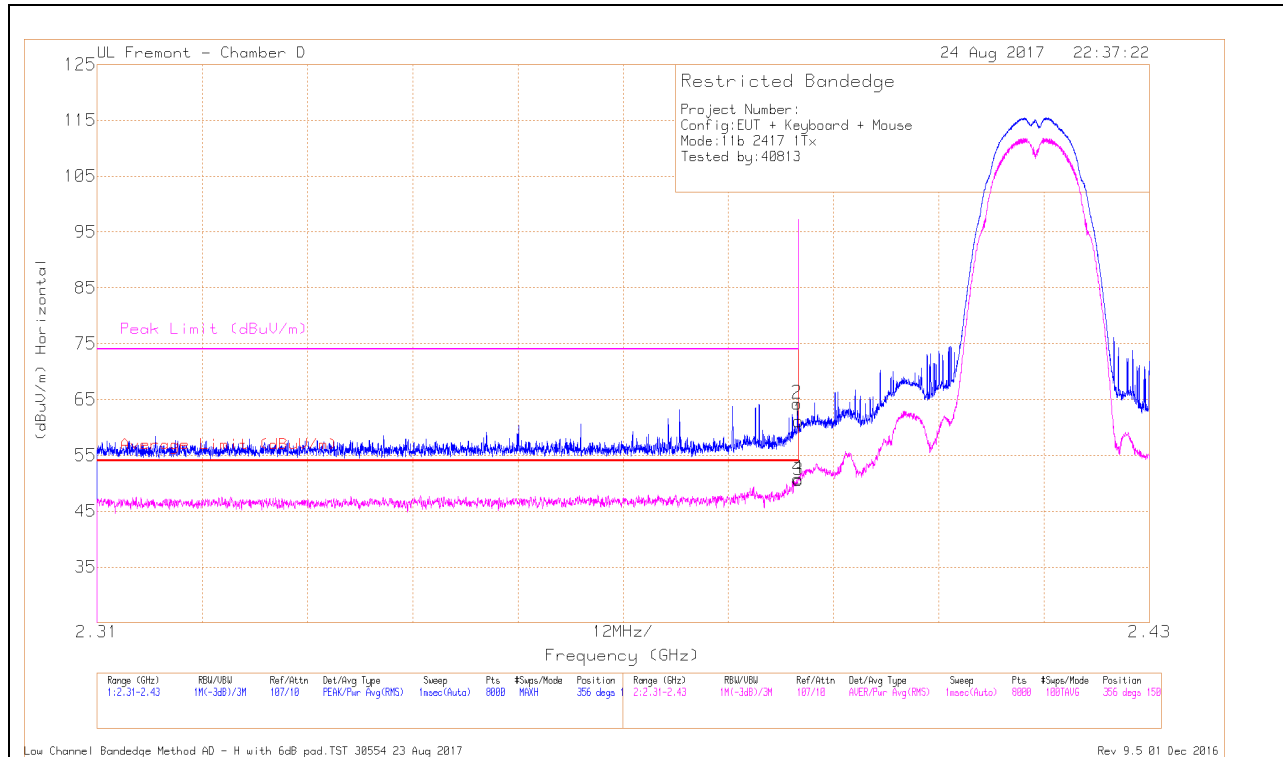
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL, CH 2

HORIZONTAL RESULT



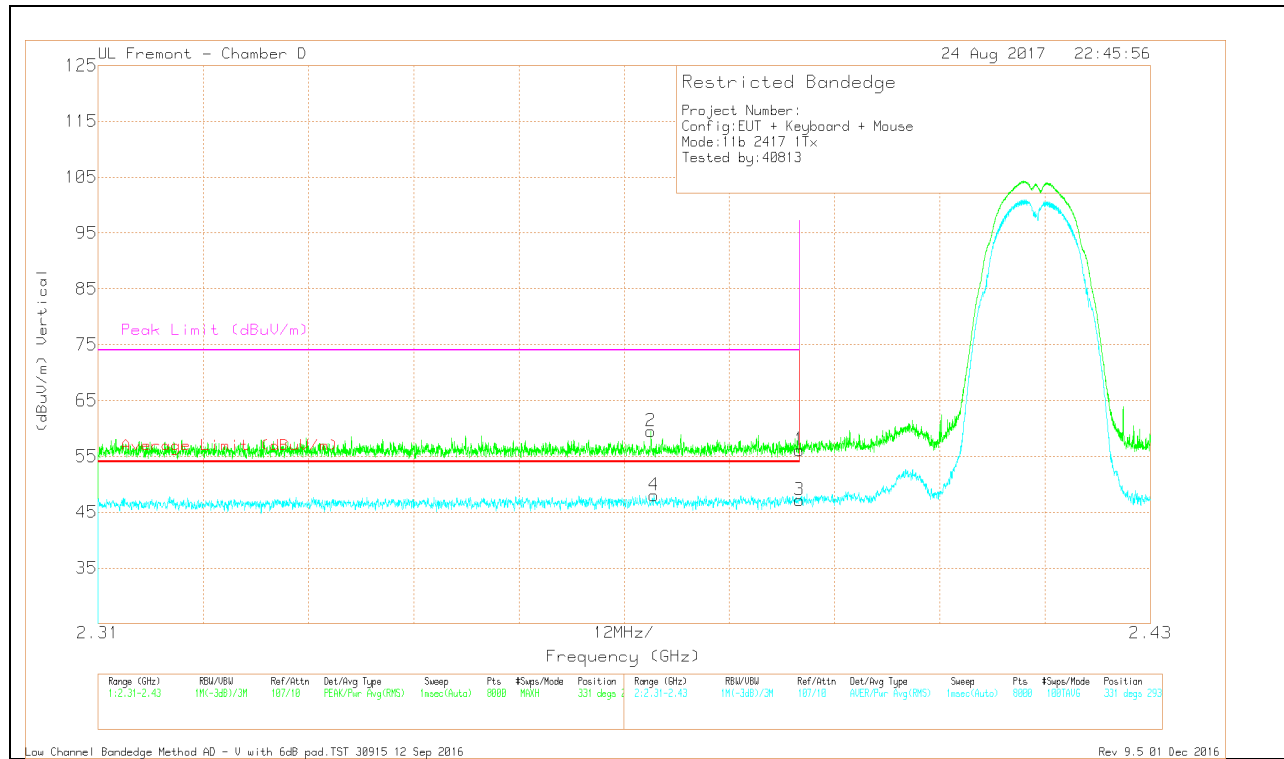
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.75	Pk	32.1	-20.7	6	0	61.15	-	-	74	-12.85	356	150	H
2	* 2.39	46.89	Pk	32.1	-20.7	6	0	64.29	-	-	74	-9.71	356	150	H
3	* 2.39	33.17	RMS	32.1	-20.7	6	0	50.57	54	-3.43	-	-	356	150	H
4	* 2.39	33.46	RMS	32.1	-20.7	6	0	50.86	54	-3.14	-	-	356	150	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	6dB ext Attn	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	38.69	Pk	32.1	-20.7	6	56.09	-	-	74	-17.91	331	293	V
2	* 2.373	42.16	Pk	32.1	-20.8	6	59.46	-	-	74	-14.54	331	293	V
3	* 2.39	29.73	RMS	32.1	-20.7	6	47.13	54	-6.87	-	-	331	293	V
4	* 2.373	30.71	RMS	32.1	-20.8	6	48.01	54	-5.99	-	-	331	293	V

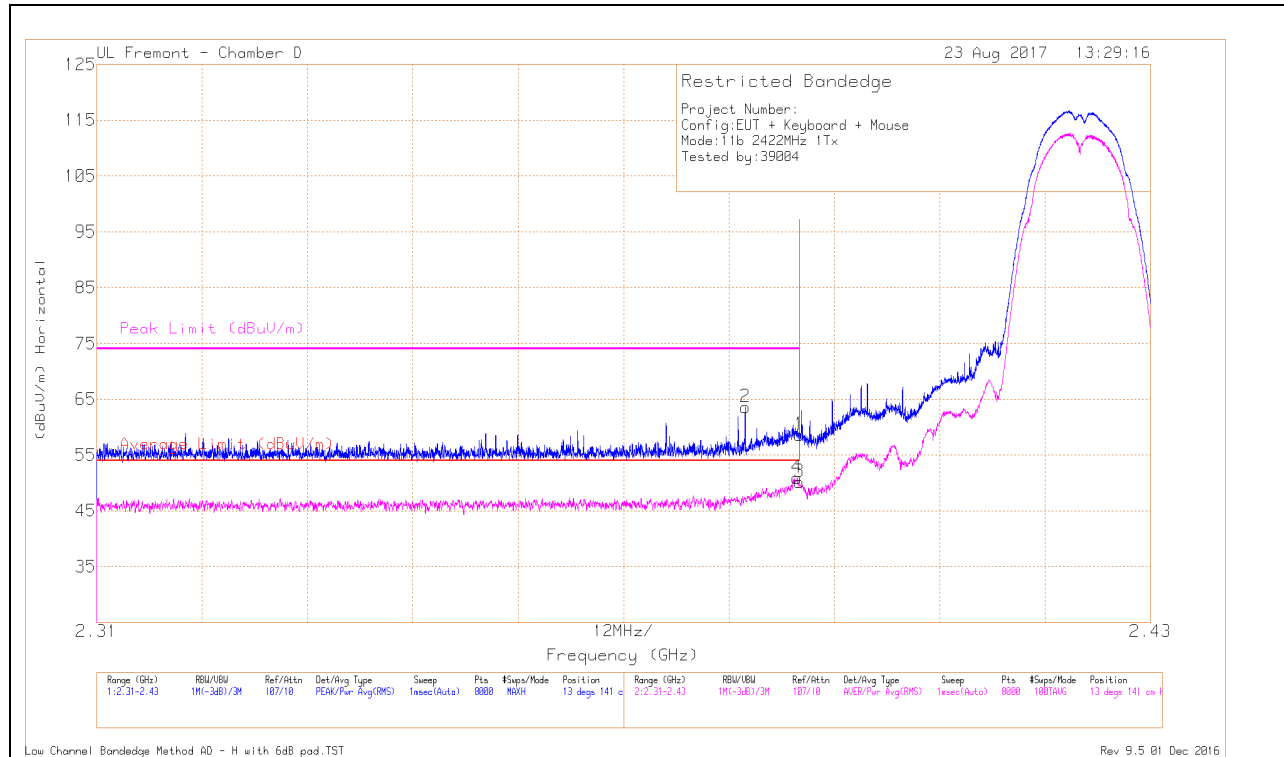
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL, CH 3

HORIZONTAL RESULT



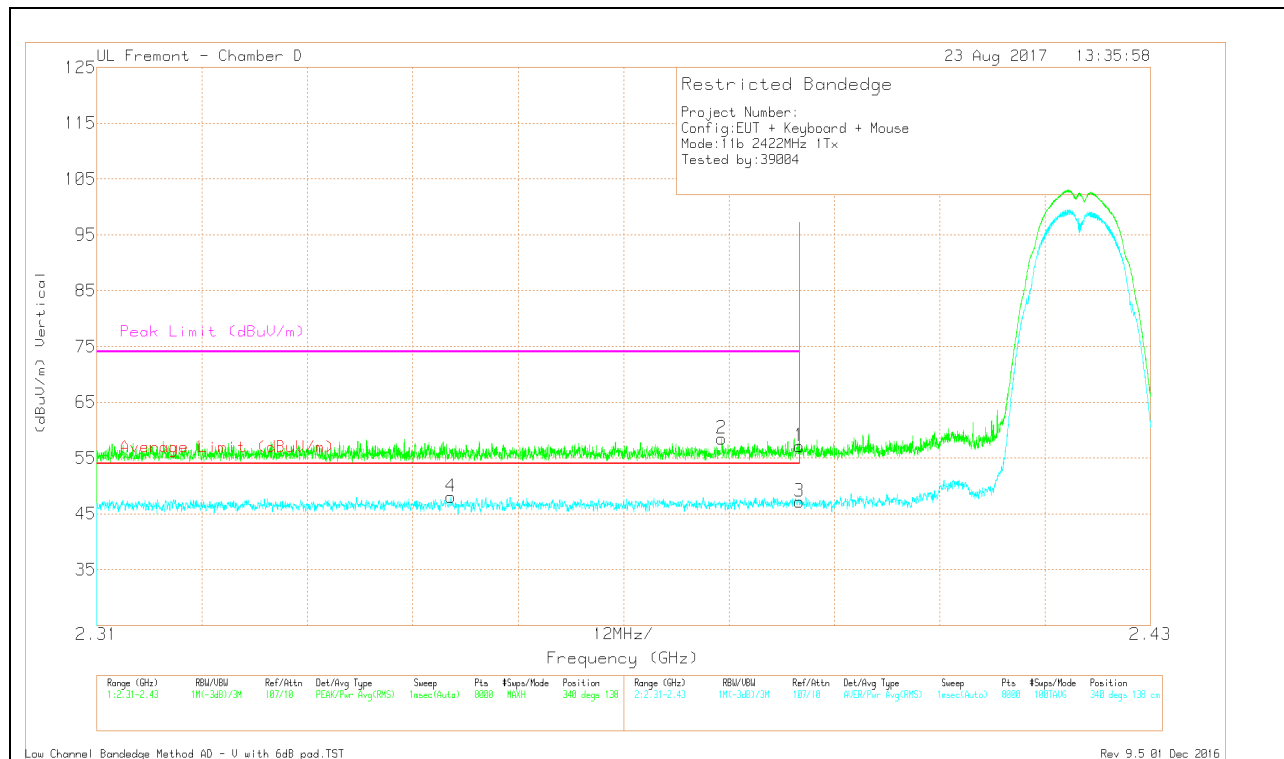
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.7	Pk	32.1	-20.7	6	0	59.1	-	-	74	-14.9	13	141	H
2	* 2.384	46.82	Pk	32.1	-20.8	6	0	64.12	-	-	74	-9.88	13	141	H
3	* 2.39	33.24	RMS	32.1	-20.7	6	0	50.54	54	-3.26	-	-	13	141	H
4	* 2.39	34.06	RMS	32.1	-20.8	6	0	51.36	54	-2.64	-	-	13	141	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

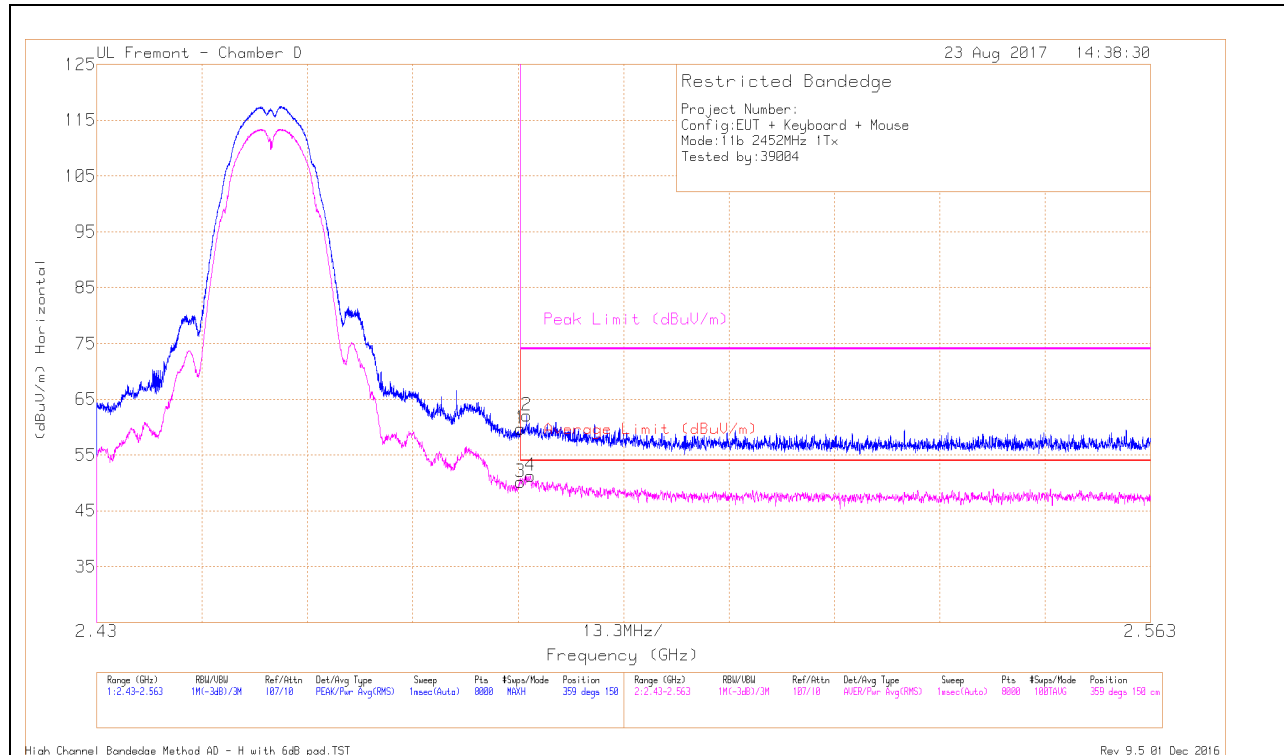


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 2.39	39.76	Pk	32.1	-20.7	6	0	57.16	-	-	74	-16.84	340	138	V
2	* 2.381	41.16	Pk	32.1	-20.8	6	0	58.46	-	-	74	-15.54	340	138	V
3	* 2.39	29.81	RMS	32.1	-20.7	6	0	47.21	54	-6.79	-	-	340	138	V
4	* 2.35	30.89	RMS	32	-20.8	6	0	48.09	54	-5.91	-	-	340	138	V

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

HIGH CHANNEL, CH 9

HORIZONTAL RESULT



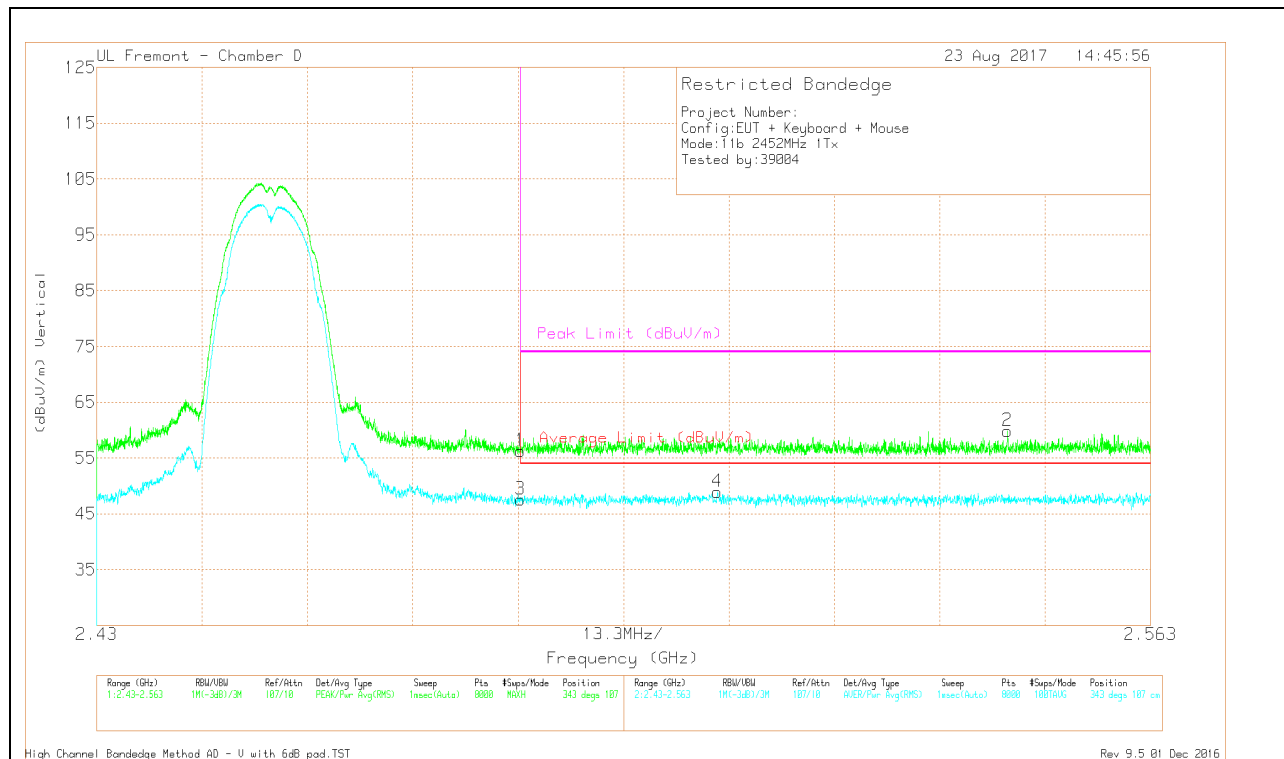
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.05	Pk	32.5	-20.8	6	0	59.75	-	-	74	-14.25	359	150	H
2	* 2.484	44.25	Pk	32.6	-20.8	6	0	62.05	-	-	74	-11.95	359	150	H
3	* 2.484	32.48	RMS	32.5	-20.8	6	0	50.18	54	-3.82	-	-	359	150	H
4	* 2.485	33.5	RMS	32.6	-20.8	6	0	51.3	54	-2.7	-	-	359	150	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	6dB ext Attn	DC Corr (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	38.57	Pk	32.5	-20.8	6	0	56.27	-	-	74	-17.73	343	107	V
3	* 2.484	29.86	RMS	32.5	-20.8	6	0	47.56	54	-6.44	-	-	343	107	V
4	2.508	30.9	RMS	32.6	-20.6	6	0	48.9	54	-5.1	-	-	343	107	V
2	2.545	41.88	Pk	32.6	-20.6	6	0	59.88	-	-	74	-14.12	343	107	V

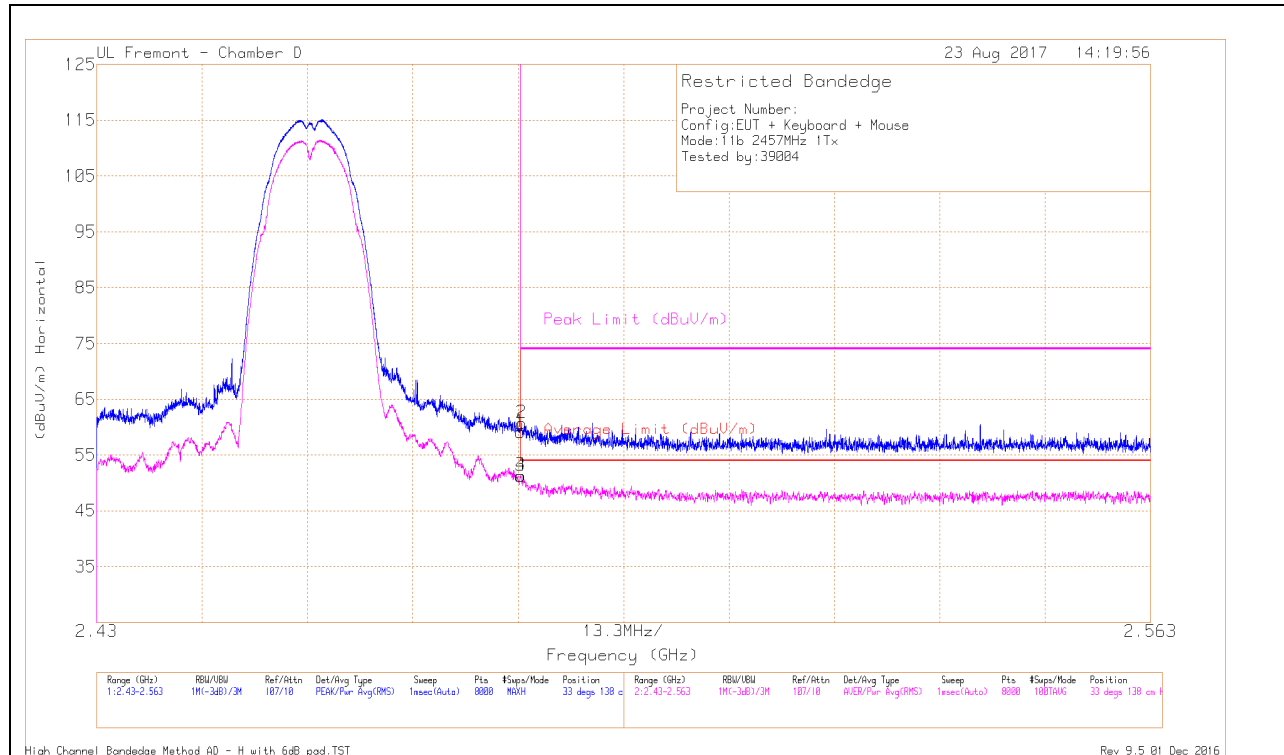
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HIGH CHANNEL, CH 10

HORIZONTAL RESULT



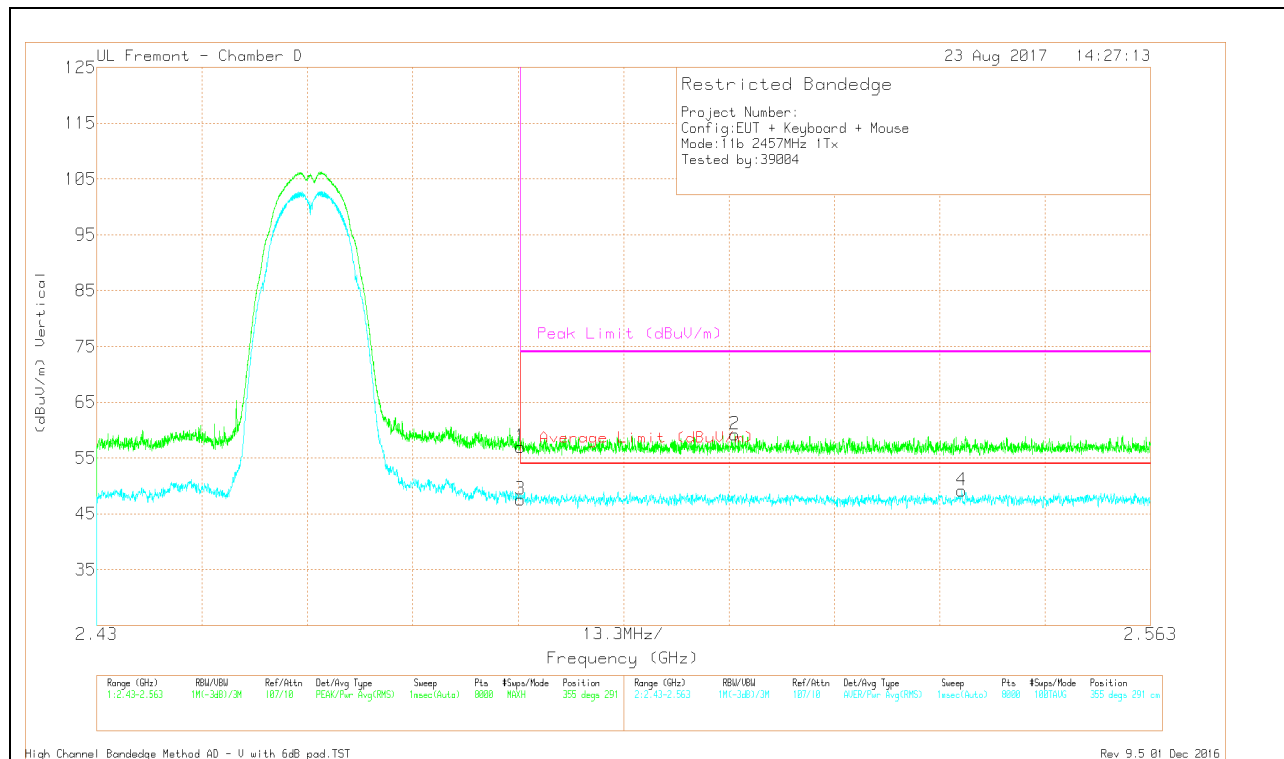
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.42	Pk	32.5	-20.8	6	0	59.12	-	-	74	-14.88	33	138	H
2	* 2.484	43.05	Pk	32.5	-20.8	6	0	60.75	-	-	74	-13.25	33	138	H
3	* 2.484	33.63	RMS	32.5	-20.8	6	0	51.33	54	-2.67	-	-	33	138	H
4	* 2.484	33.64	RMS	32.5	-20.8	6	0	51.34	54	-2.66	-	-	33	138	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	6dB ext Attn	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	39.25	Pk	32.5	-20.8	6	56.95	-	-	74	-17.05	355	291	V
3	* 2.484	29.89	RMS	32.5	-20.8	6	47.59	54	-6.41	-	-	355	291	V
2	2.511	41.18	Pk	32.6	-20.6	6	59.18	-	-	74	-14.82	355	291	V
4	2.539	31.12	RMS	32.6	-20.6	6	49.12	54	-4.88	-	-	355	291	V

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