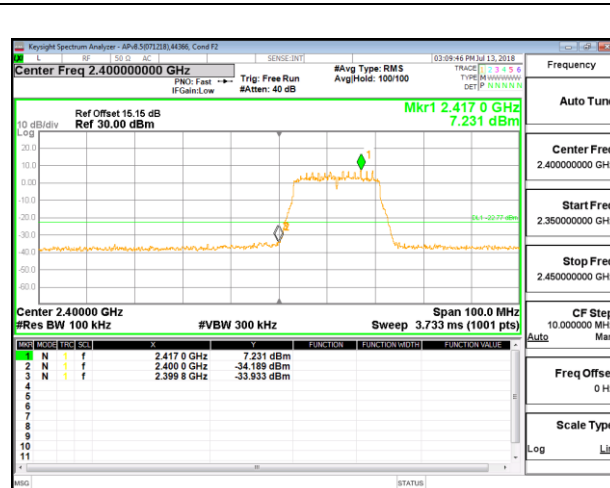
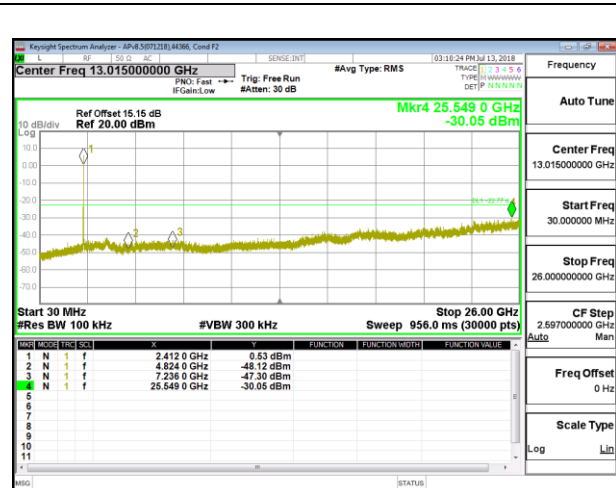


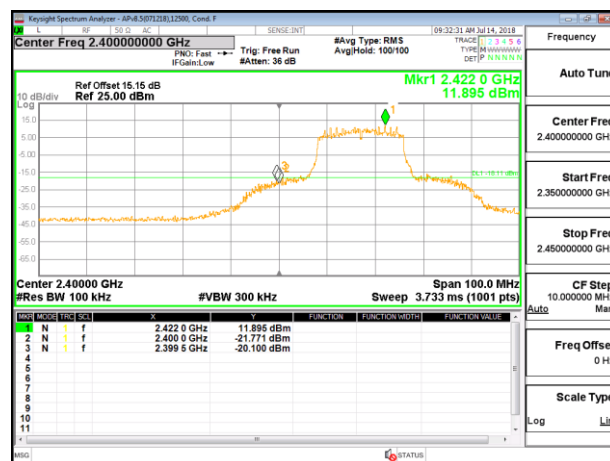
1TX Antenna 3



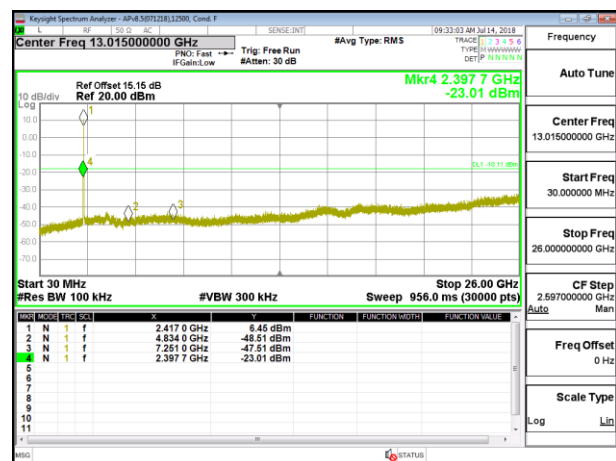
LOW CHANNEL 1 BANDEDGE



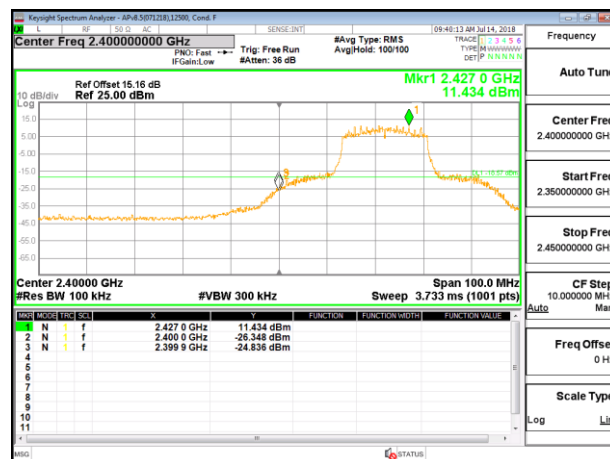
OUT-OF-BAND LOW CHANNEL 1



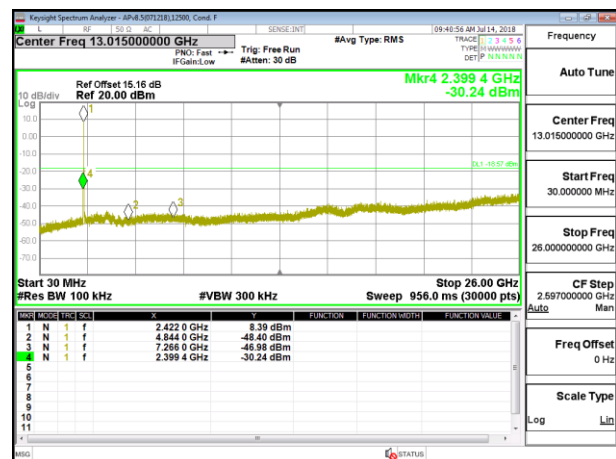
LOW CHANNEL 2 BANDEDGE



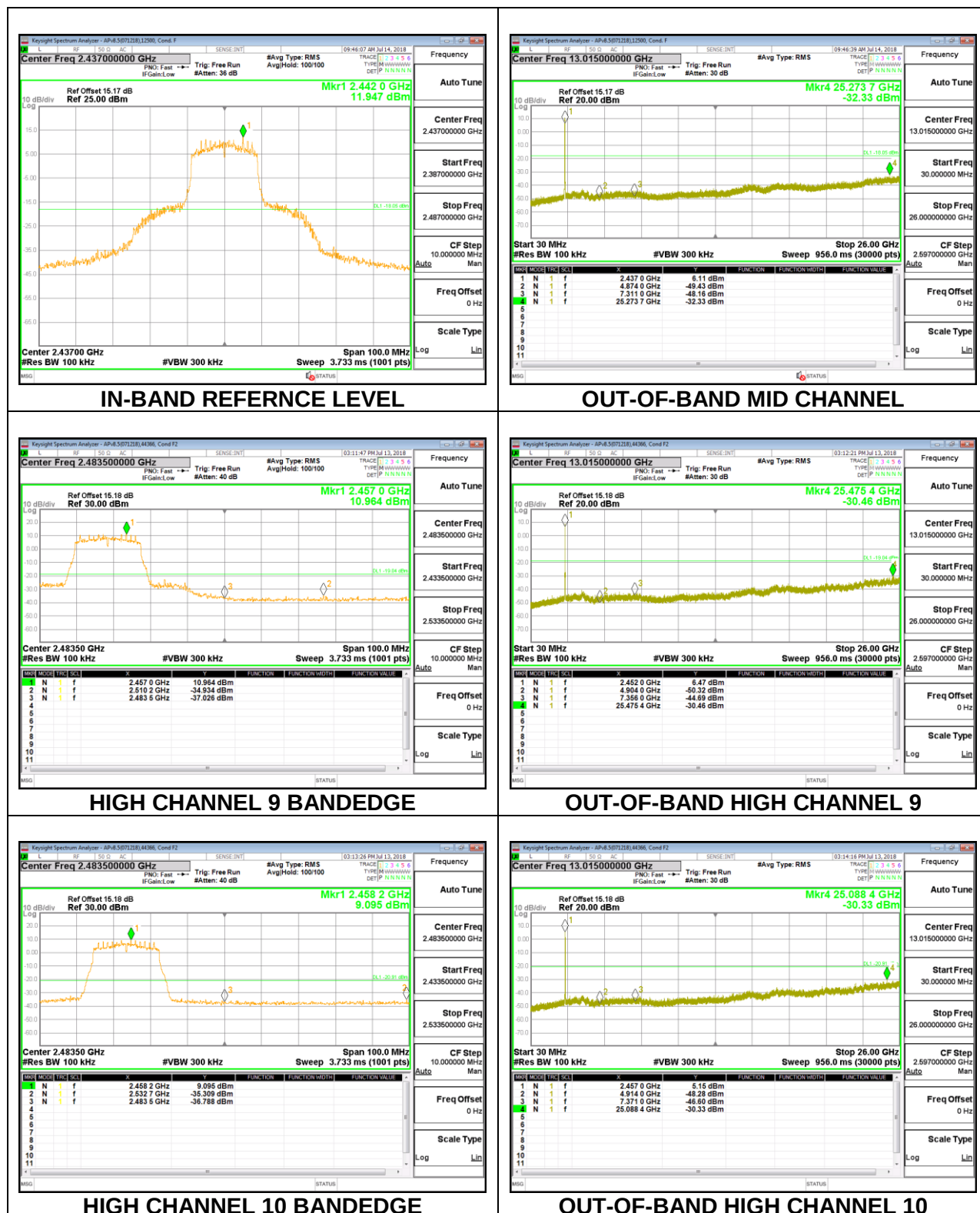
OUT-OF-BAND LOW CHANNEL 2

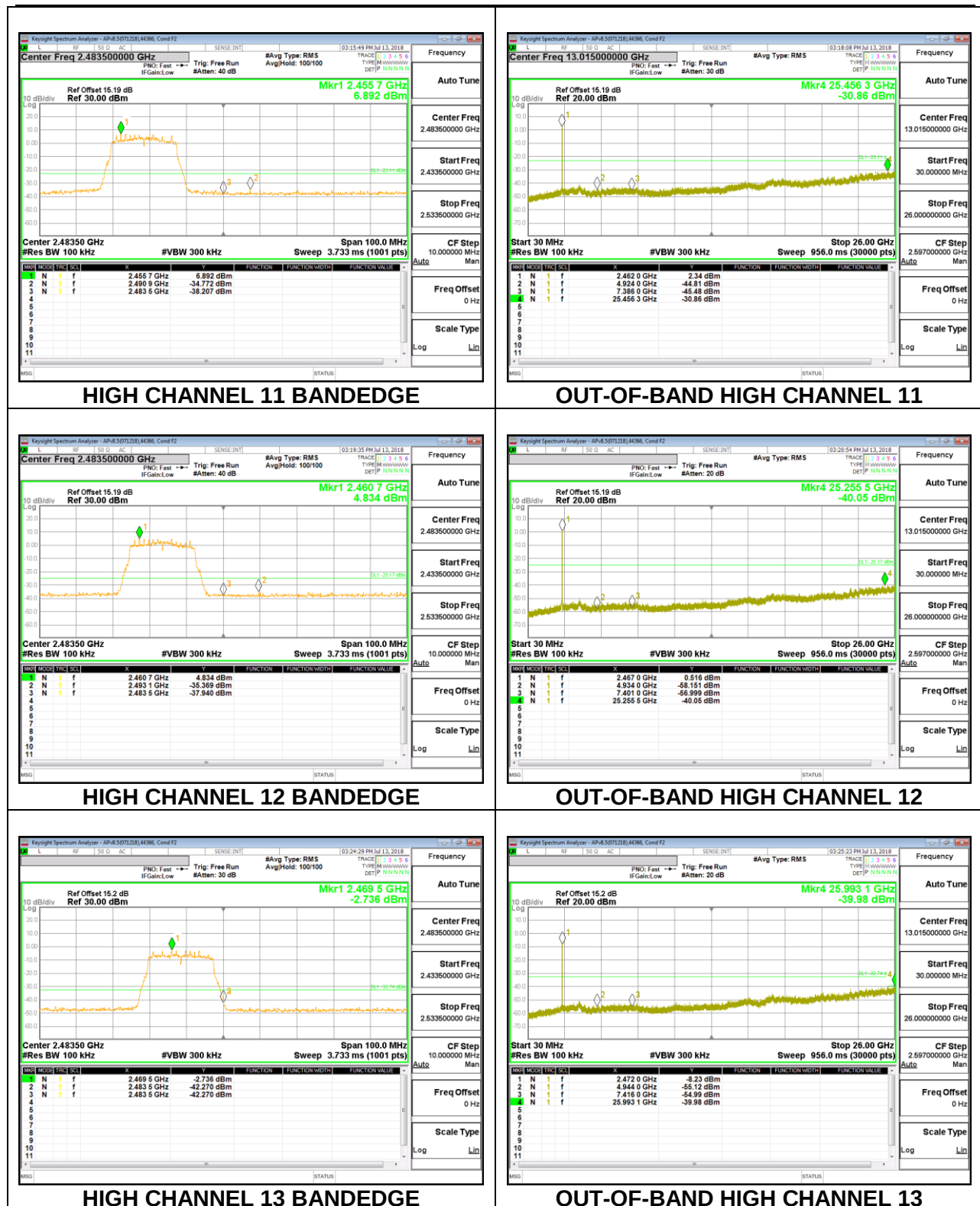


LOW CHANNEL 3 BANDEDGE

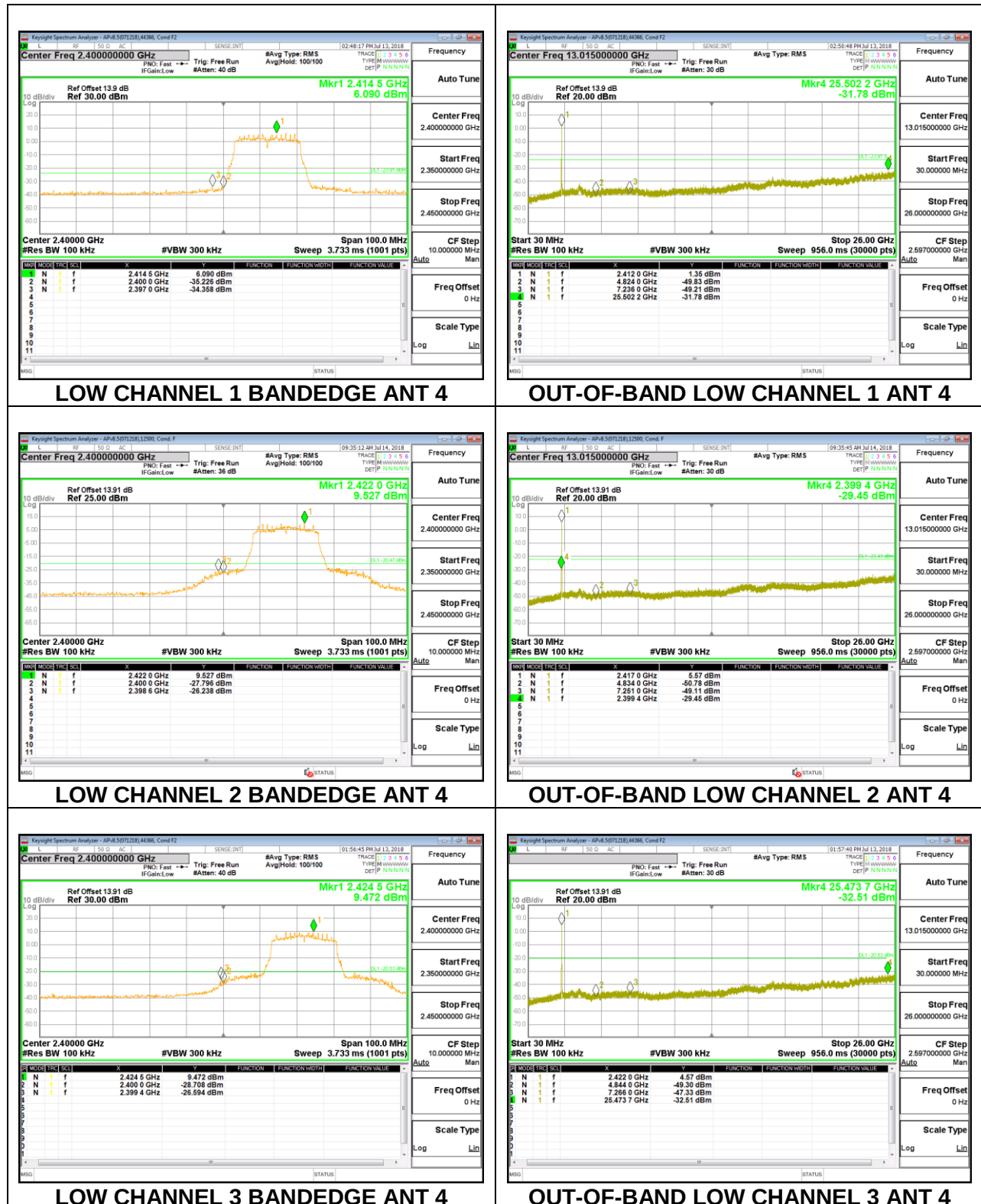


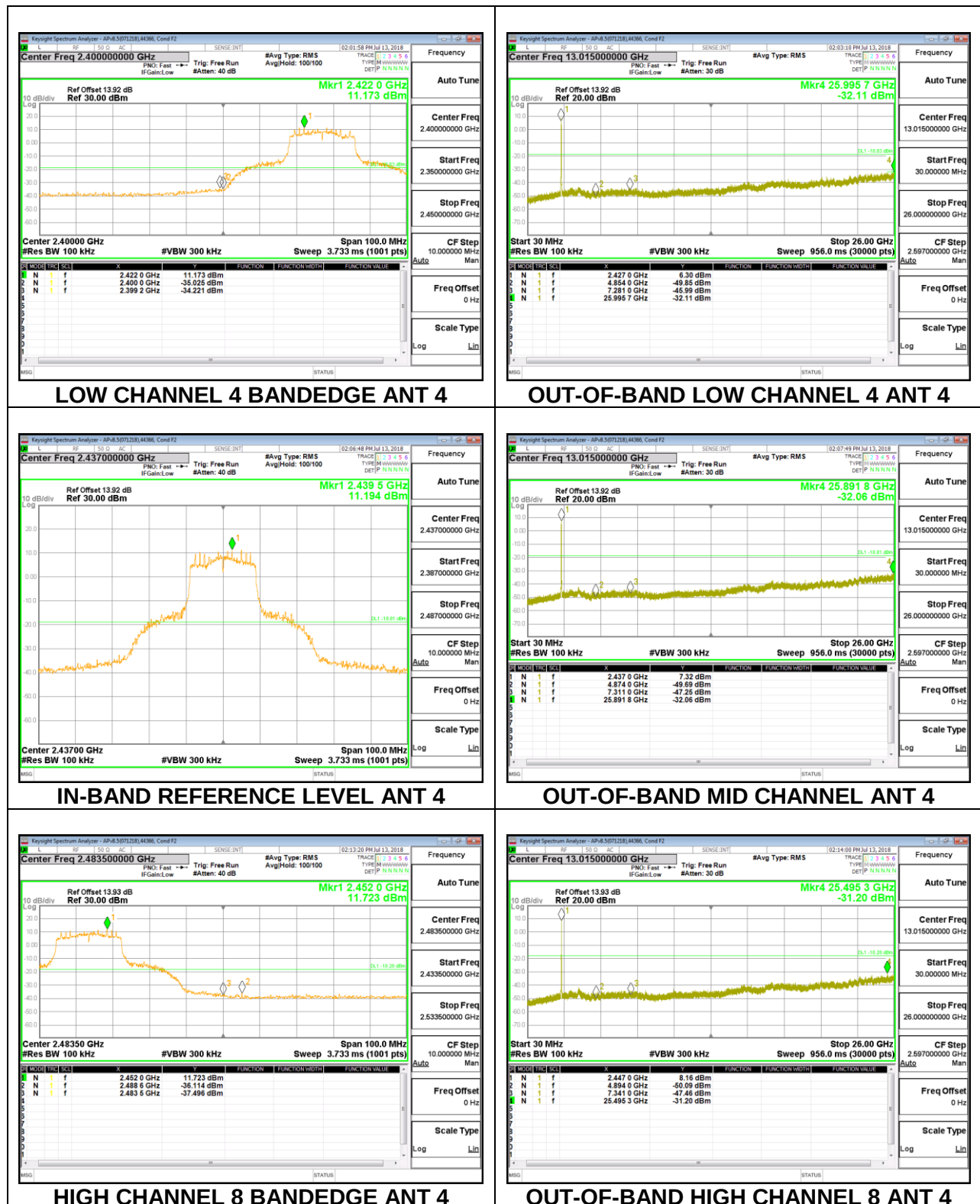
OUT-OF-BAND LOW CHANNEL 3

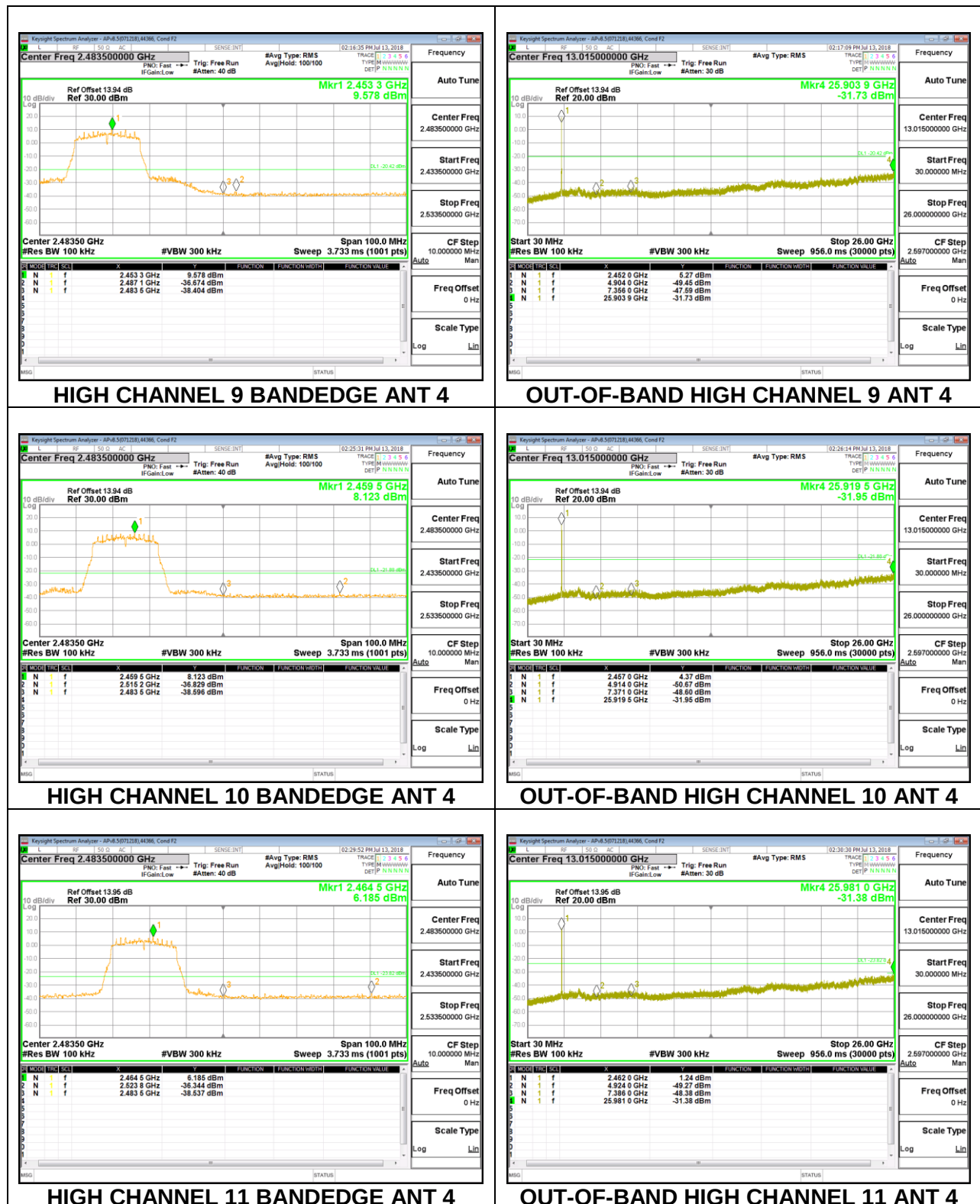


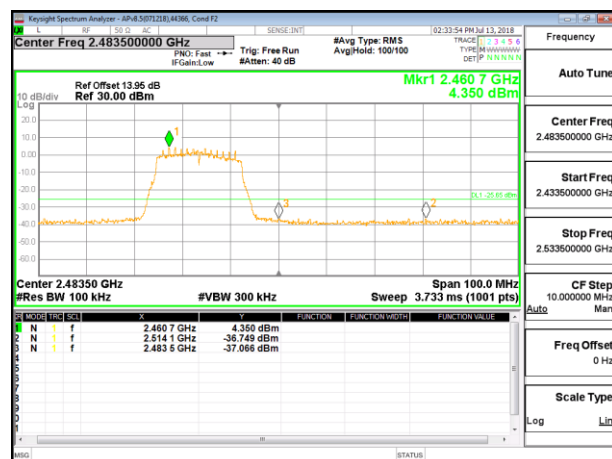


2TX Antenna 4 + Antenna 3 CDD MODE

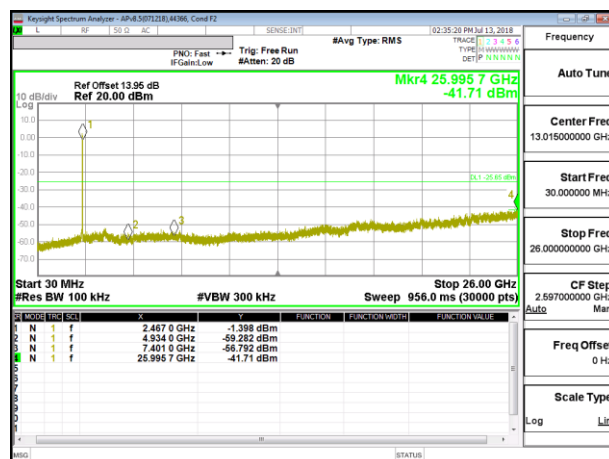




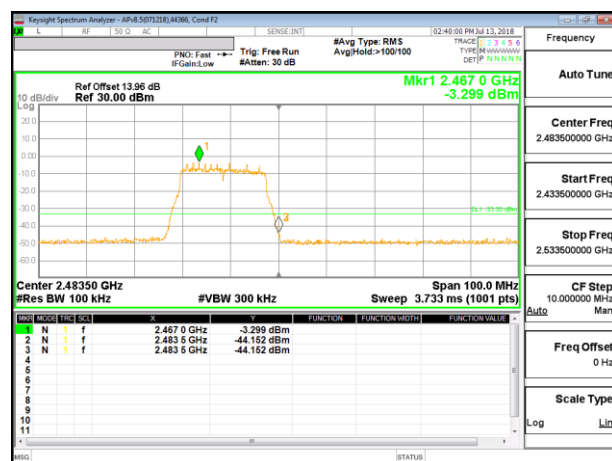




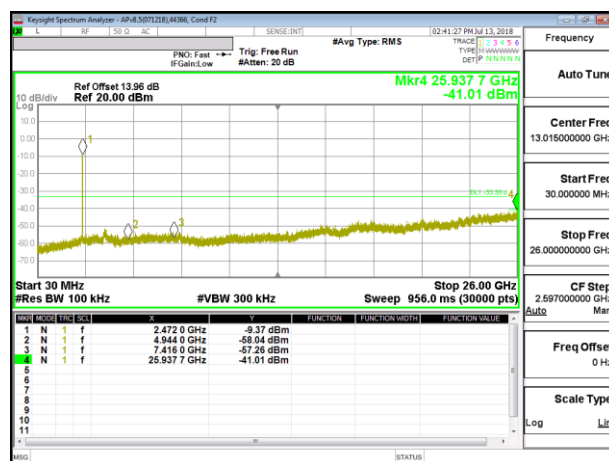
HIGH CHANNEL 12 BANDEDGE ANT 4



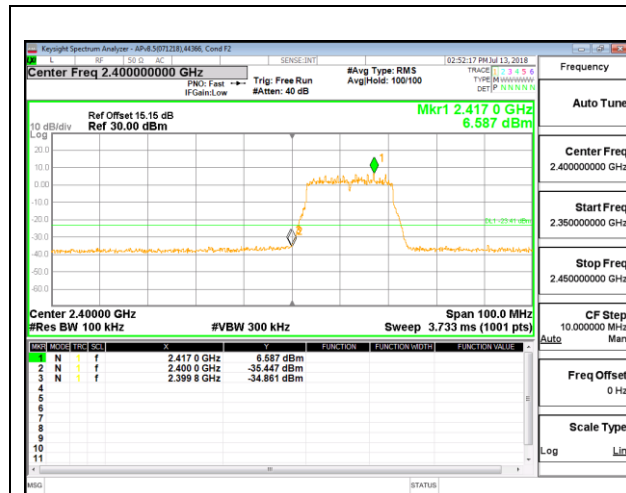
OUT-OF-BAND HIGH CHANNEL 12 ANT 4



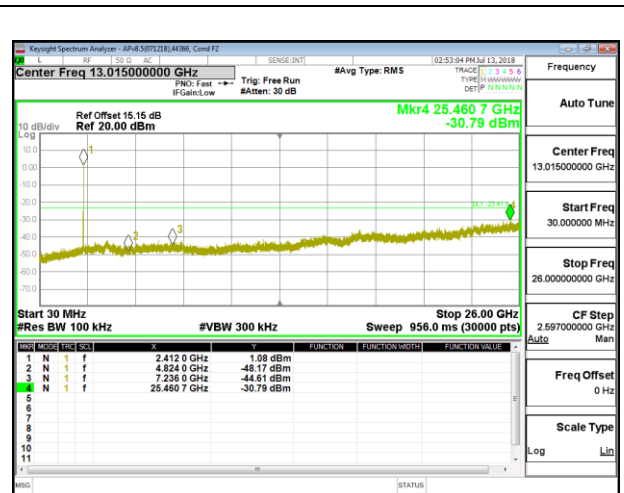
HIGH CHANNEL 13 BANDEDGE ANT 4



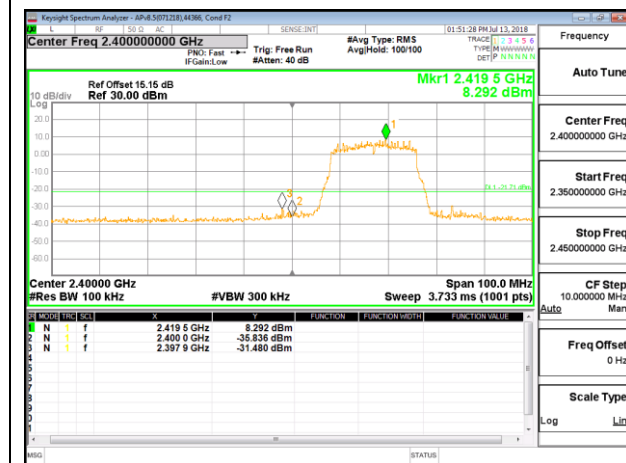
OUT-OF-BAND HIGH CHANNEL 13 ANT 4



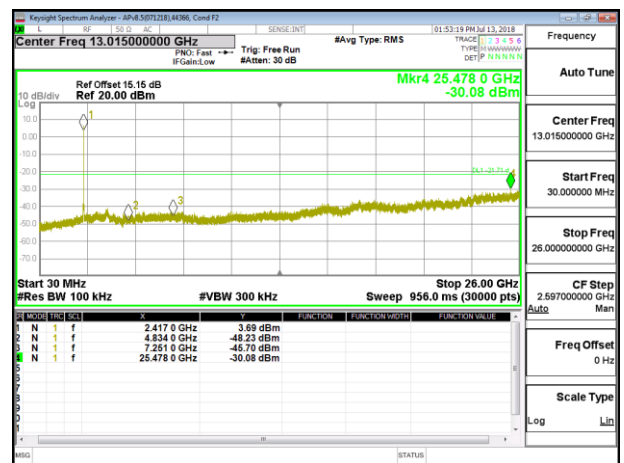
LOW CHANNEL 1 BANDEGE ANT 3



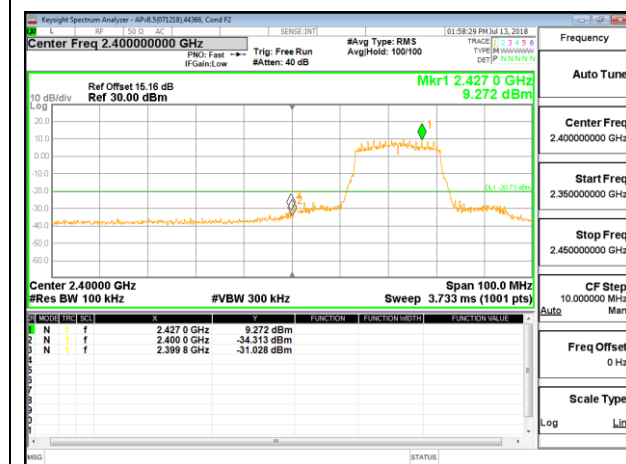
OUT-OF-BAND LOW CHANNEL 1 ANT 3



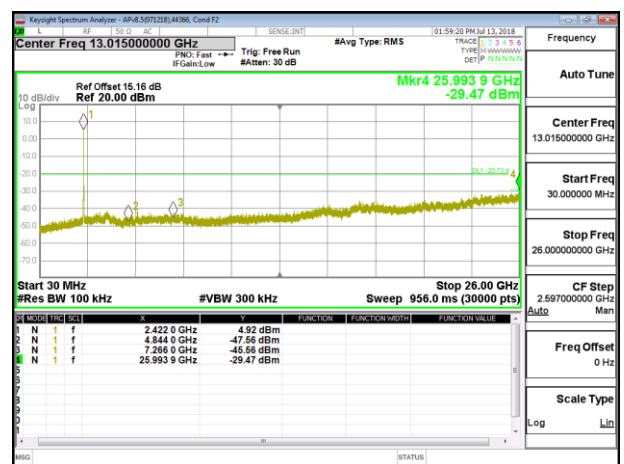
LOW CHANNEL 2 BANDEGE ANT 3



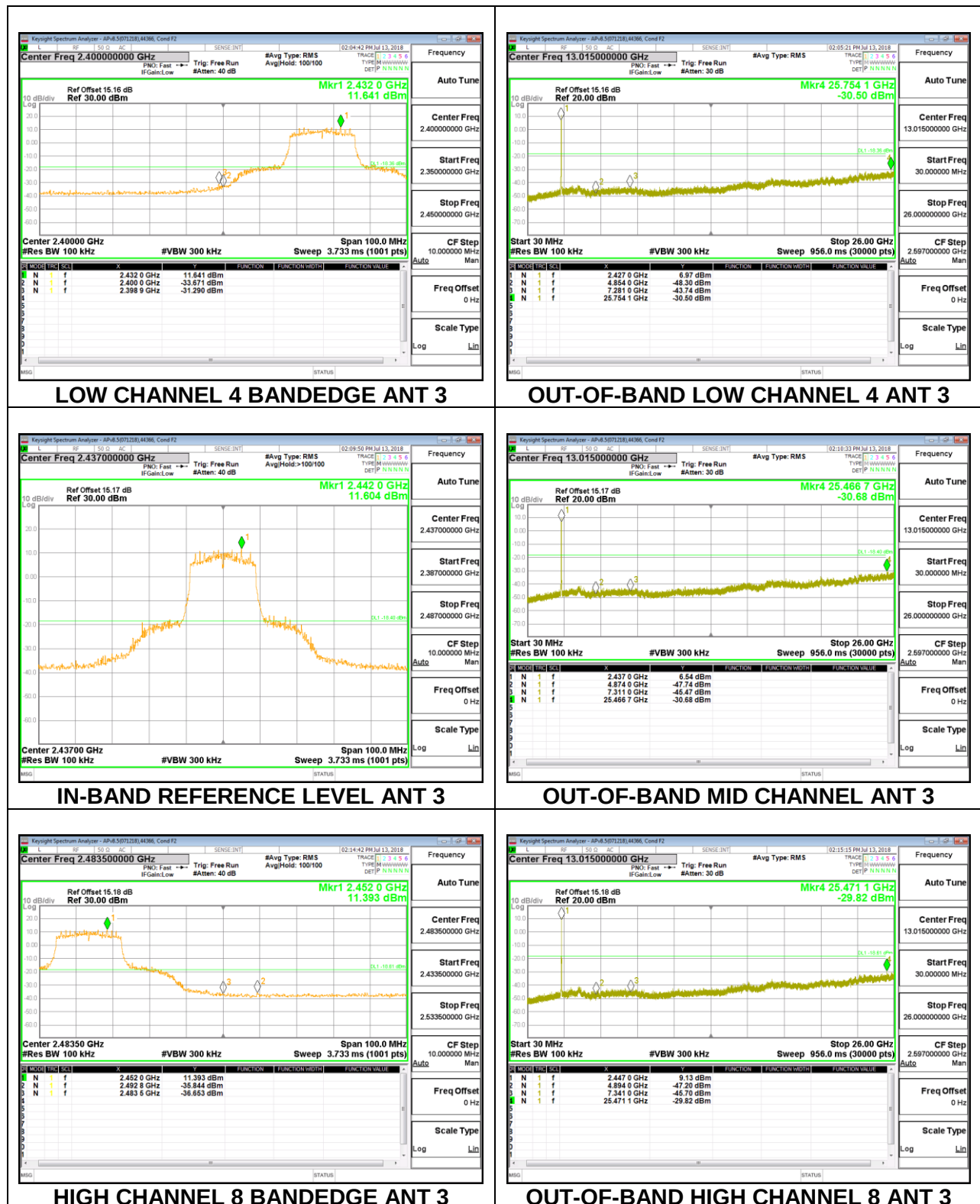
OUT-OF-BAND LOW CHANNEL 2 ANT 3

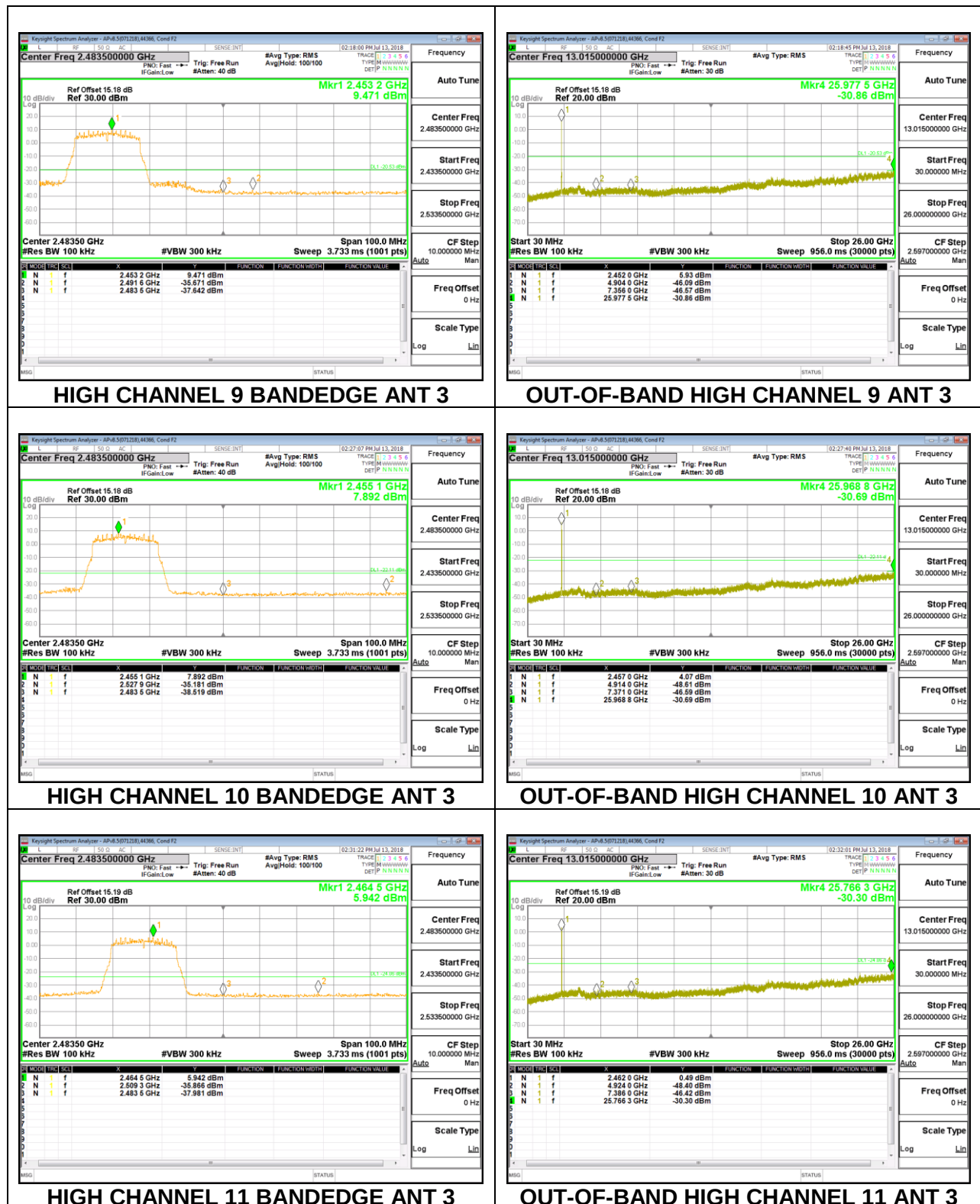


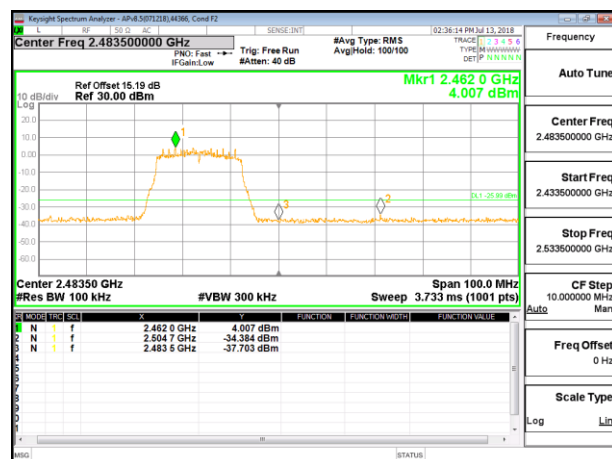
LOW CHANNEL 3 BANDEGE ANT 3



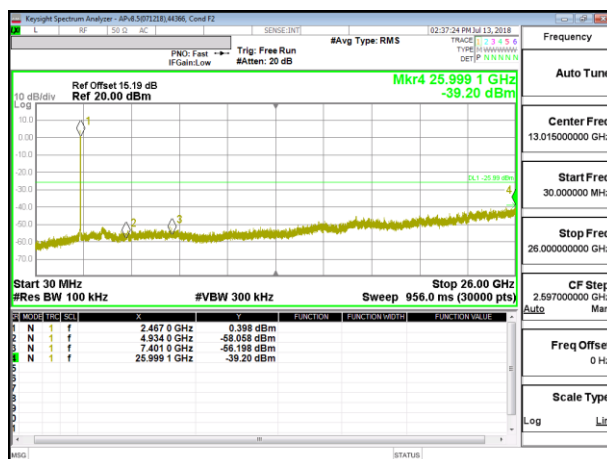
OUT-OF-BAND LOW CHANNEL 3 ANT 3



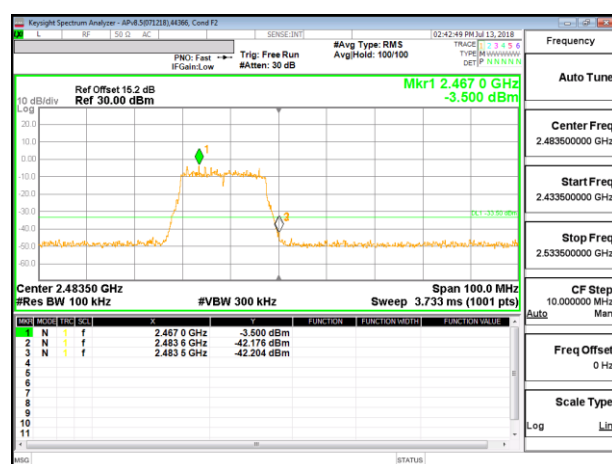




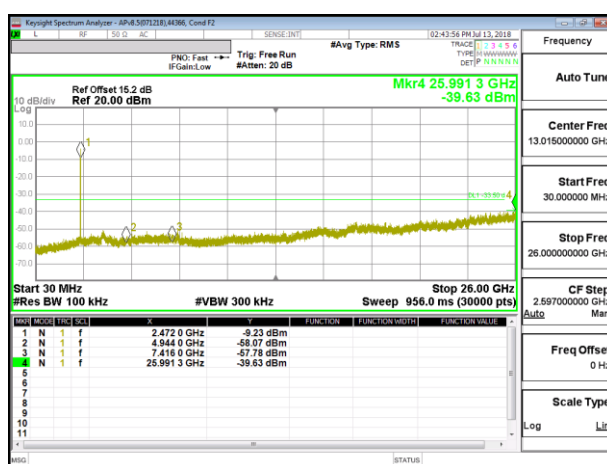
HIGH CHANNEL 12 BANDEDGE ANT 3



OUT-OF-BAND HIGH CHANNEL 12 ANT 3



HIGH CHANNEL 13 BANDEDGE ANT 3



OUT-OF-BAND HIGH CHANNEL 13 ANT 3

9. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209

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
0.009-0.490	2400/F(kHz) @ 300 m	-
0.490-1.705	24000/F(kHz) @ 30 m	-
1.705 - 30	30 @ 30m	-
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.

The spectrum from 1 GHz to 18 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band. Below 1GHz and above 18GHz emissions, the channel with the highest output power was tested.

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.

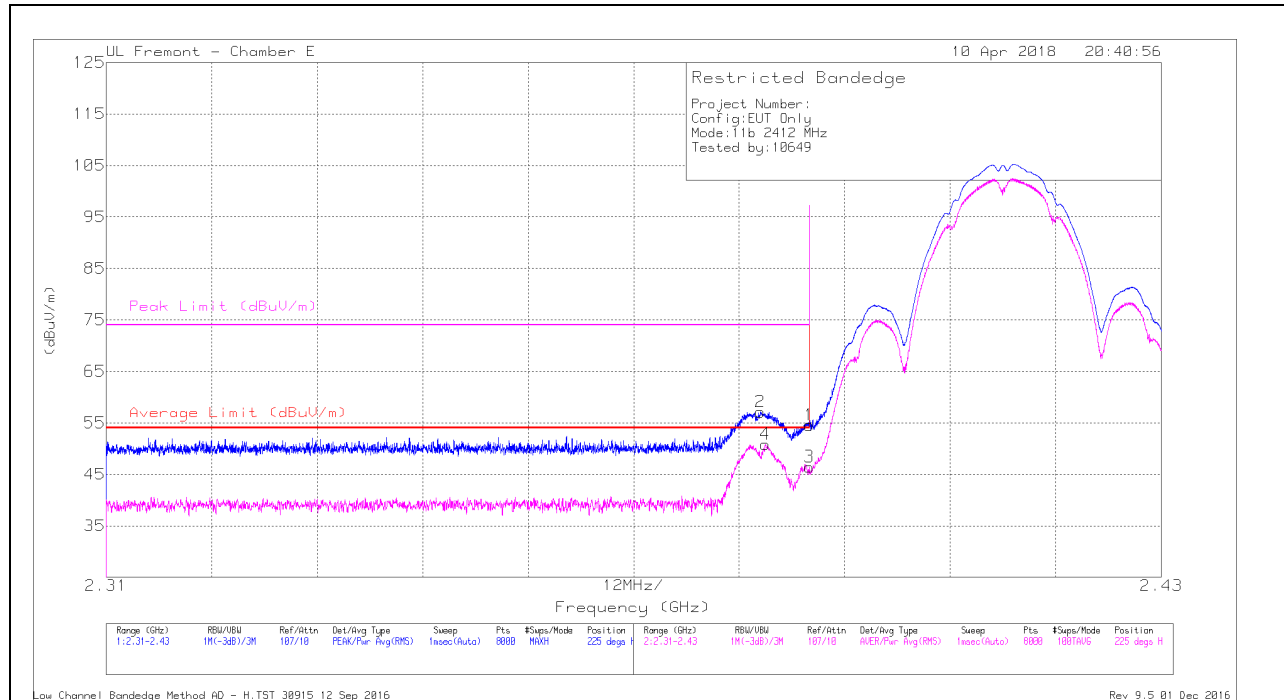
9.1. TRANSMITTER ABOVE 1 GHz

9.1.1. 802.11b MODE IN THE 2.4 GHz BAND

1TX Antenna 4

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



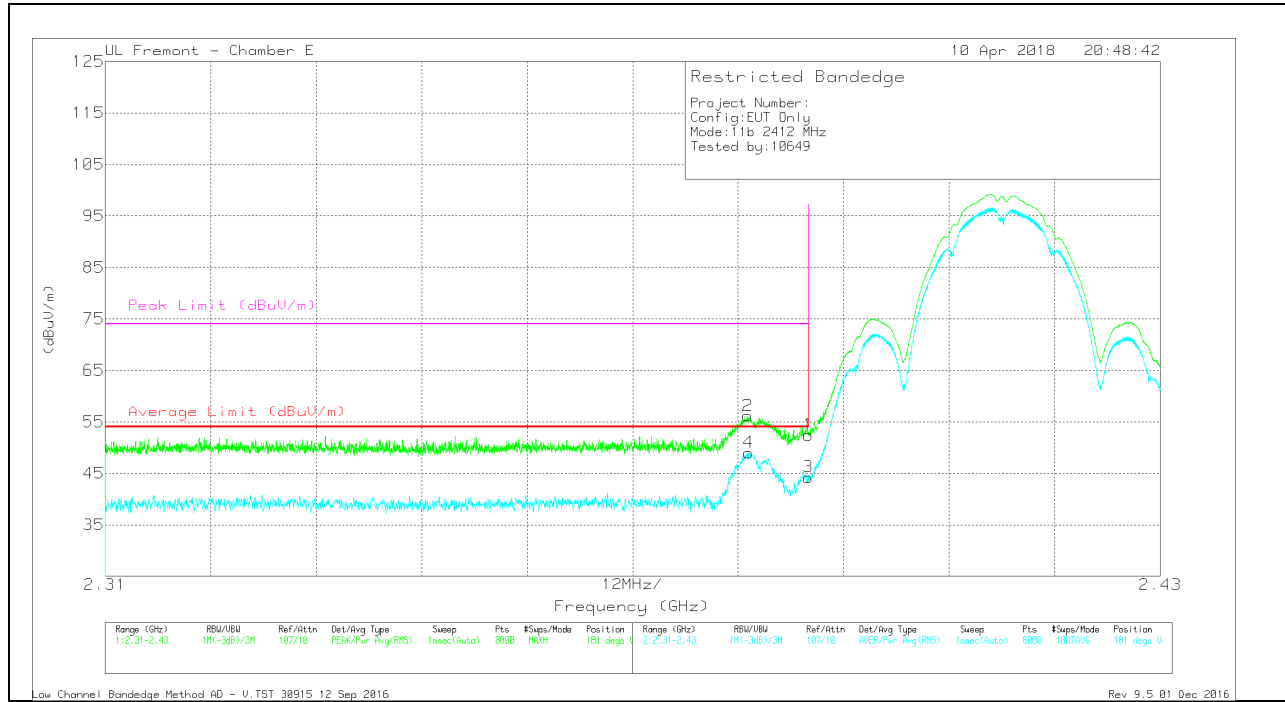
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	45.16	Pk	32	-22.6	54.56	-	-	74	-19.44	225	124	H
2	* 2.384	47.83	Pk	31.9	-22.6	57.13	-	-	74	-16.87	225	124	H
3	* 2.39	37.06	RMS	32	-22.6	46.46	54	-7.54	-	-	225	124	H
4	* 2.385	41.53	RMS	31.9	-22.6	50.83	54	-3.17	-	-	225	124	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

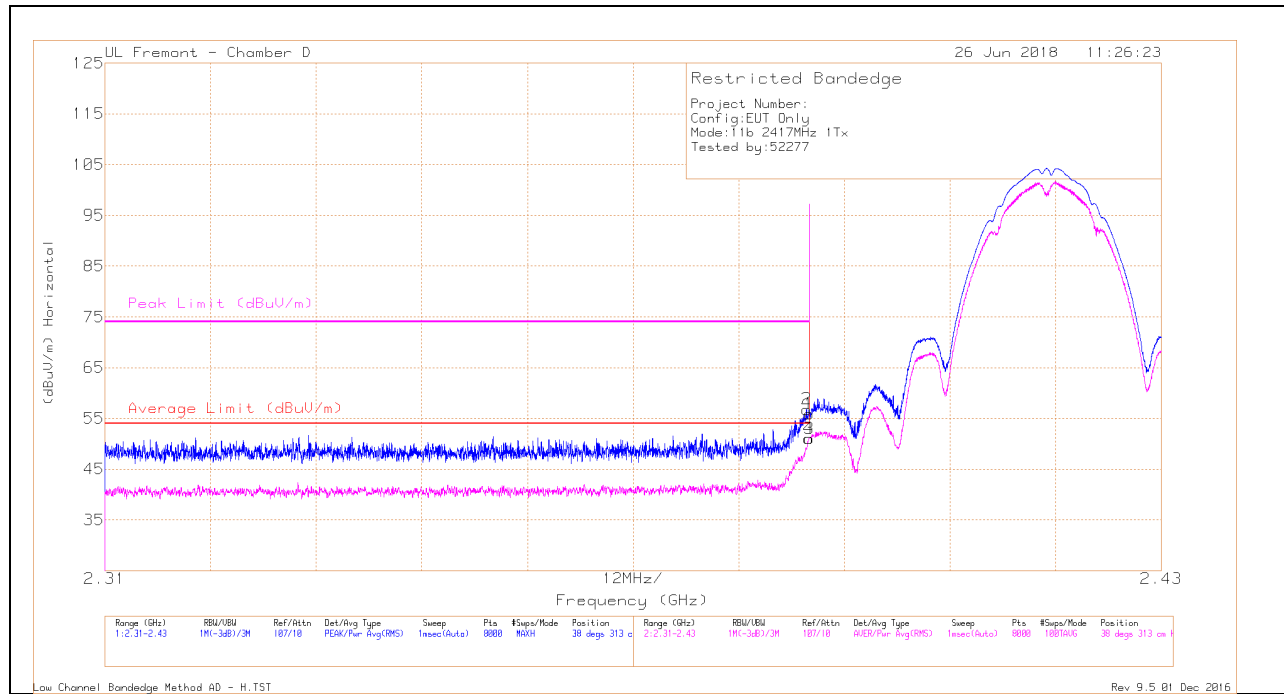


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.07	Pk	32	-22.6	52.47	-	-	74	-21.53	181	383	V
2	* 2.383	46.89	Pk	31.9	-22.6	56.19	-	-	74	-17.81	181	383	V
3	* 2.39	34.88	RMS	32	-22.6	44.28	54	-9.72	-	-	181	383	V
4	* 2.383	39.73	RMS	31.9	-22.6	49.03	54	-4.97	-	-	181	383	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Ctrl/Filt/P ad (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	44.3	Pk	32.1	-20.5	55.9	-	-	74	-18.1	38	313	H
2	* 2.39	45.21	PK	32.1	-20.5	56.81	-	-	74	-17.19	38	313	H
3	* 2.39	39.49	RMS	32.1	-20.5	51.09	54	-2.91	-	-	38	313	H
4	* 2.39	39.49	RMS	32.1	-20.5	51.09	54	-2.91	-	-	38	313	H

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

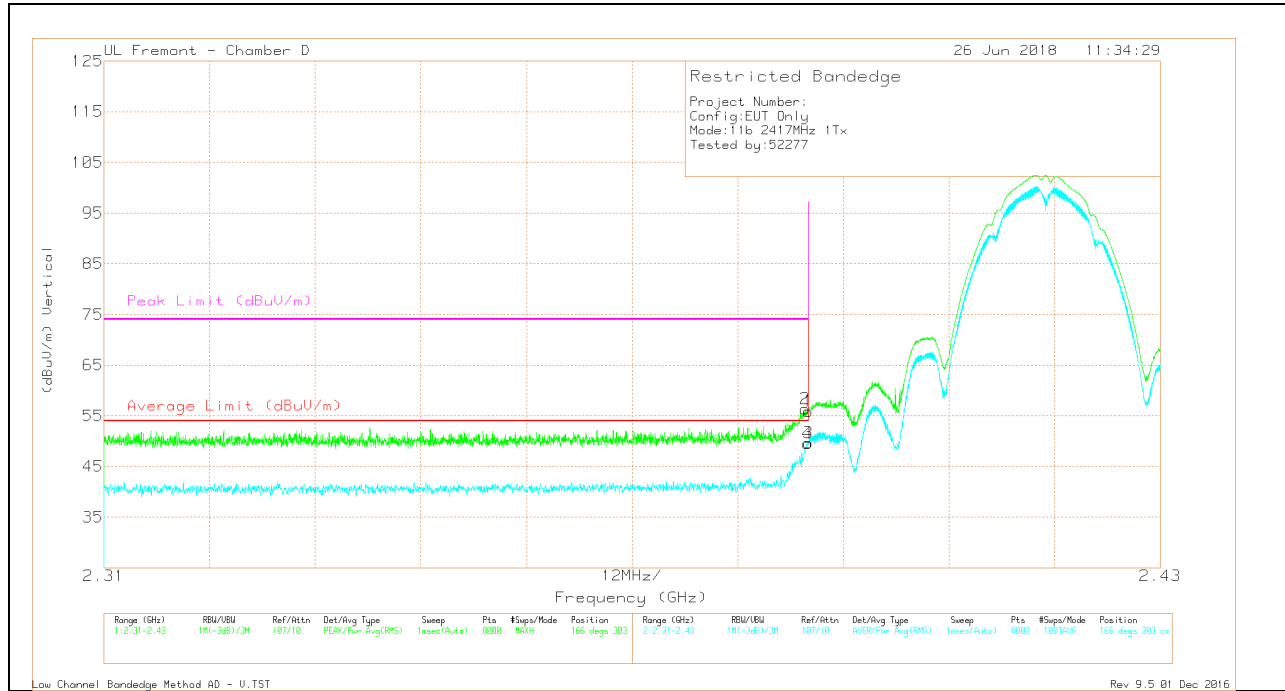
Pk - Peak detector

RMS - RMS detection

Low Channel Bandedge Method AD - H.TST

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (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	44.25	Pk	32.1	-20.5	55.85	-	-	74	-18.15	166	303	V
2	* 2.39	44.74	Pk	32.1	-20.5	56.34	-	-	74	-17.66	166	303	V
3	* 2.39	38.08	RMS	32.1	-20.5	49.68	54	-4.32	-	-	166	303	V
4	* 2.39	37.94	RMS	32.1	-20.5	49.54	54	-4.46	-	-	166	303	V

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

Pk - Peak detector

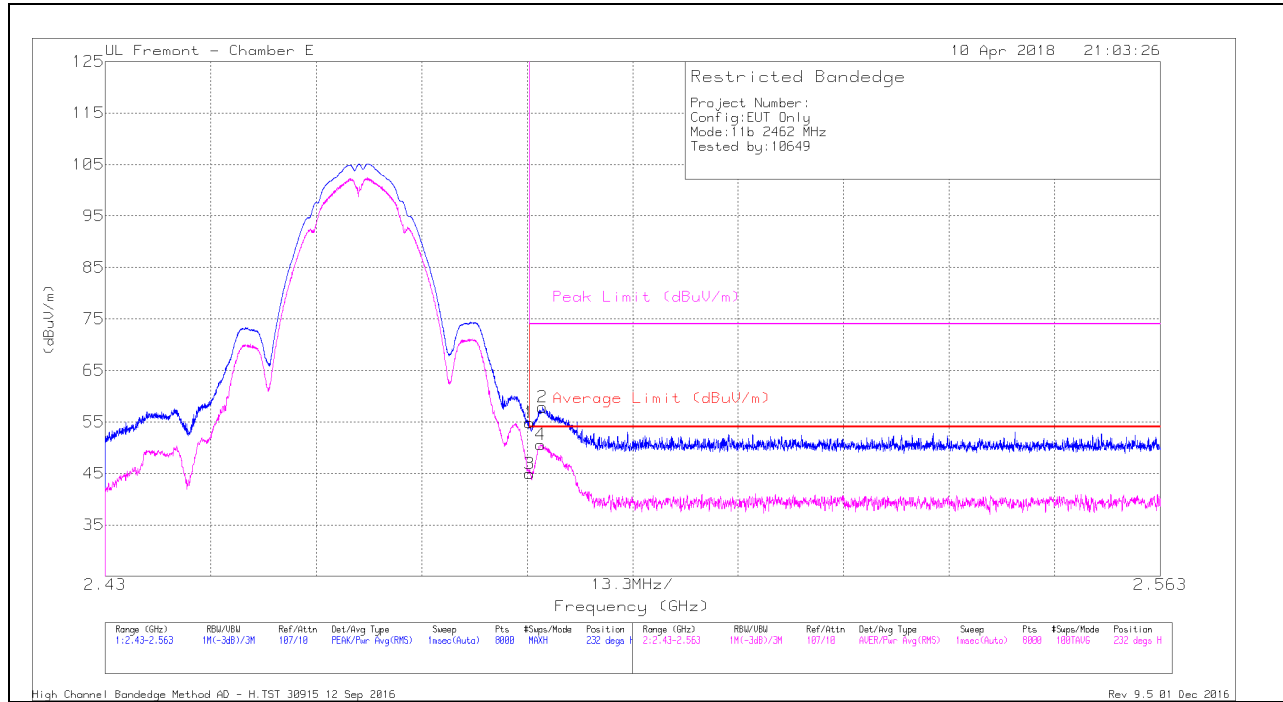
RMS - RMS detection

Low Channel Bandedge Method AD - V.TST

Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL 11)

HORIZONTAL RESULT



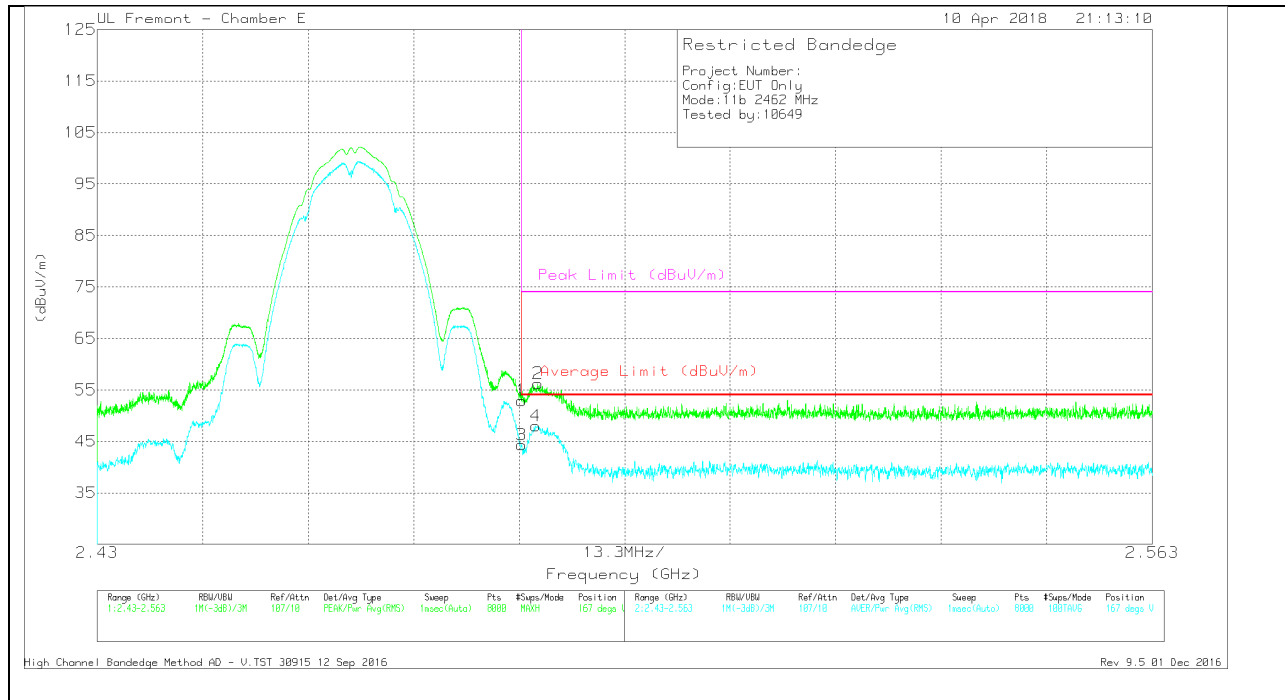
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.03	Pk	32.1	-22.3	54.83	-	-	74	-19.17	232	186	H
2	* 2.485	48.16	Pk	32.1	-22.4	57.86	-	-	74	-16.14	232	186	H
3	* 2.484	35.12	RMS	32.1	-22.3	44.92	54	-9.08	-	-	232	186	H
4	* 2.485	40.9	RMS	32.1	-22.4	50.6	54	-3.4	-	-	232	186	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 T346 (dB/m)	Amp/Cbl/Filt/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	43.12	Pk	32.1	-22.3	52.92	-	-	74	-21.08	167	302	V
2	* 2.486	46.51	Pk	32.1	-22.4	56.21	-	-	74	-17.79	167	302	V
3	* 2.484	34.54	RMS	32.1	-22.3	44.34	54	-9.66	-	-	167	302	V
4	* 2.485	38.3	RMS	32.1	-22.4	48	54	-6	-	-	167	302	V

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

Pk - Peak detector

RMS - RMS detection