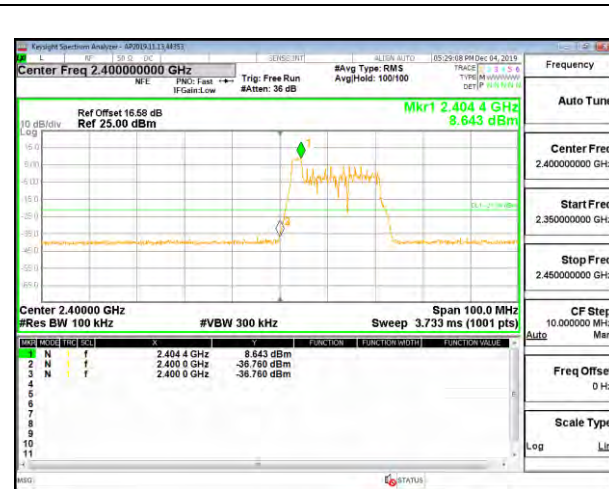
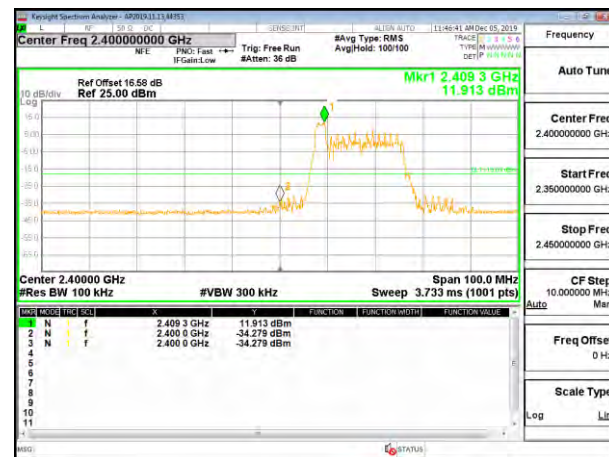




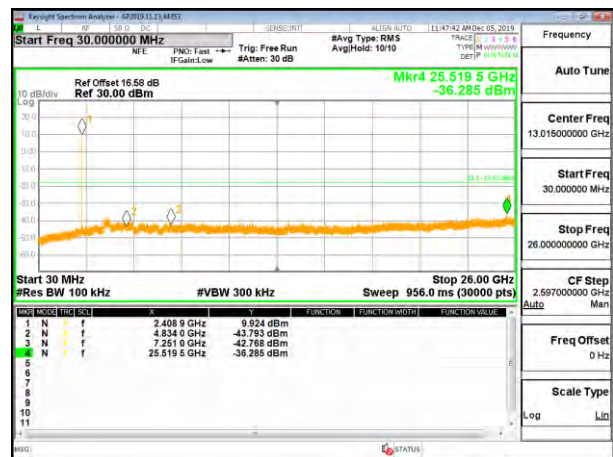
LOW CHANNEL 1 BANDEDGE LAT 3



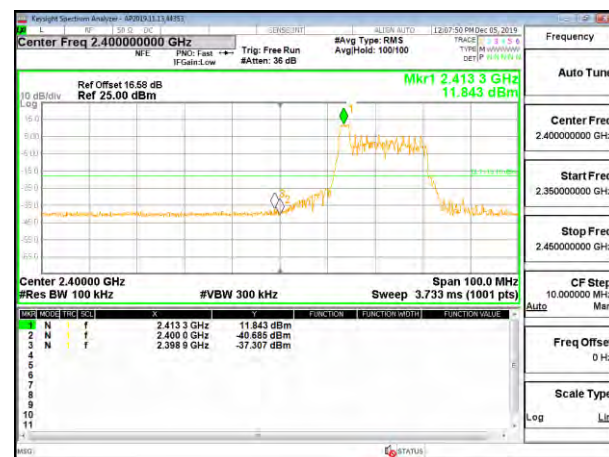
OUT-OF-BAND LOW CHANNEL 1 LAT 3



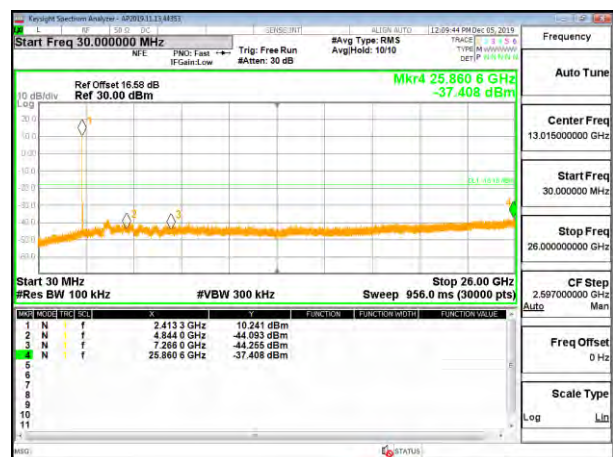
LOW CHANNEL 2 BANDEDGE LAT 3



OUT-OF-BAND LOW CHANNEL 2 LAT 3



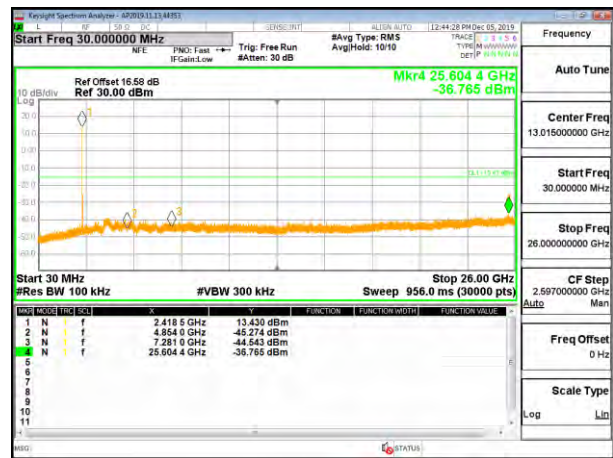
LOW CHANNEL 3 BANDEDGE LAT 3



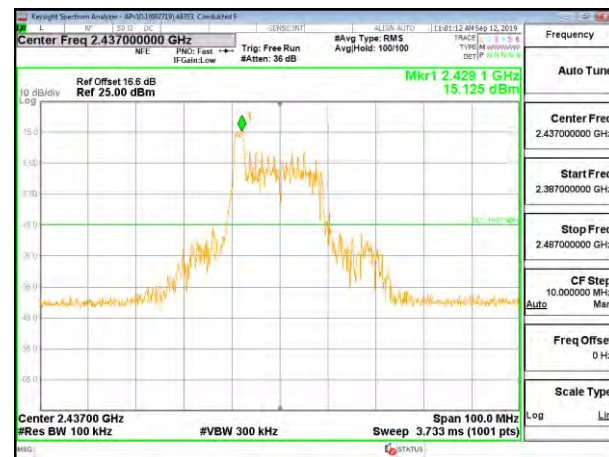
OUT-OF-BAND LOW CHANNEL 3 LAT 3



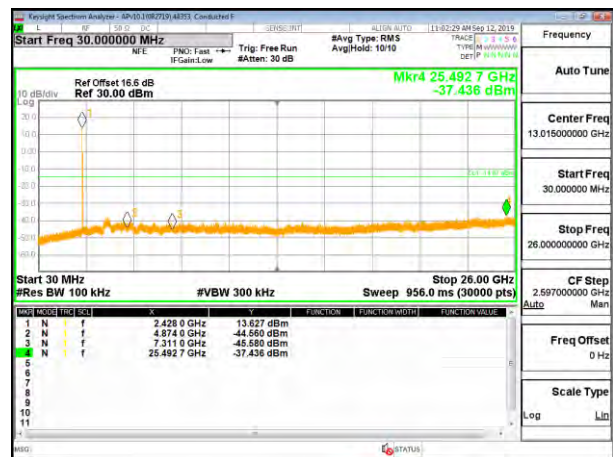
LOW CHANNEL 4 BANDEDGE LAT 3



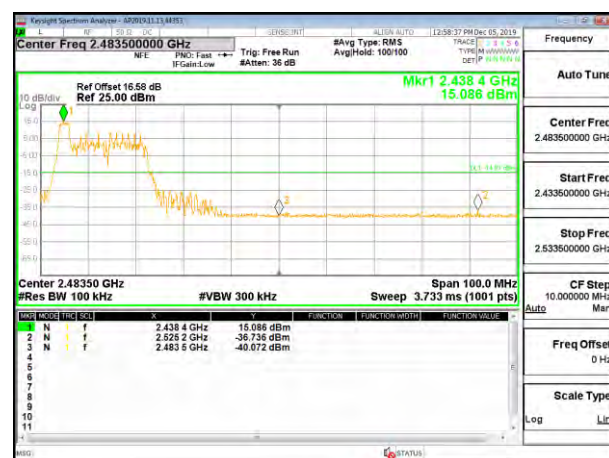
OUT-OF-BAND LOW CHANNEL 4 LAT 3



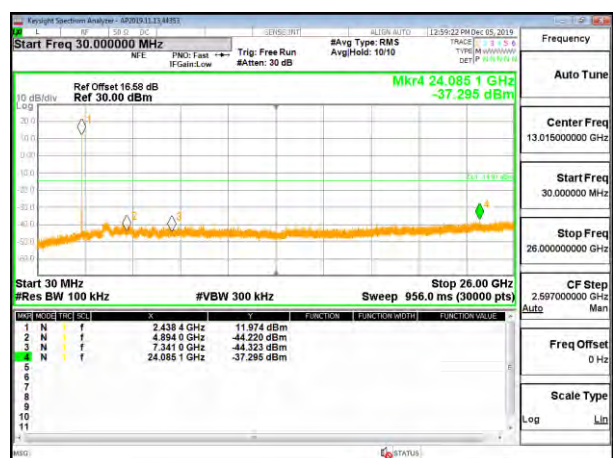
IN-BAND REFERENCE LEVEL LAT 3



OUT-OF-BAND MID CHANNEL LAT 3



HIGH CHANNEL 8 BANDEDGE LAT 3



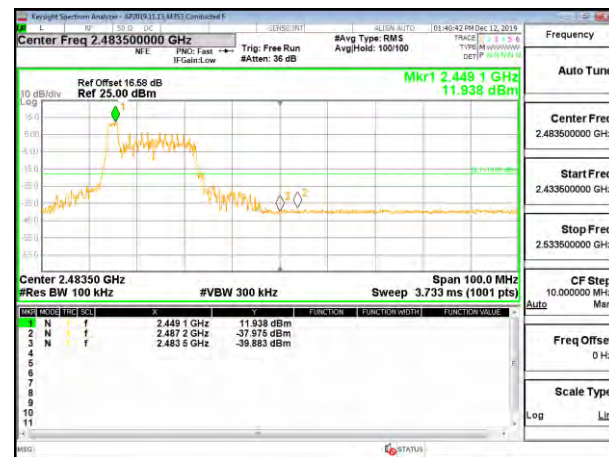
OUT-OF-BAND HIGH CHANNEL 8 LAT 3



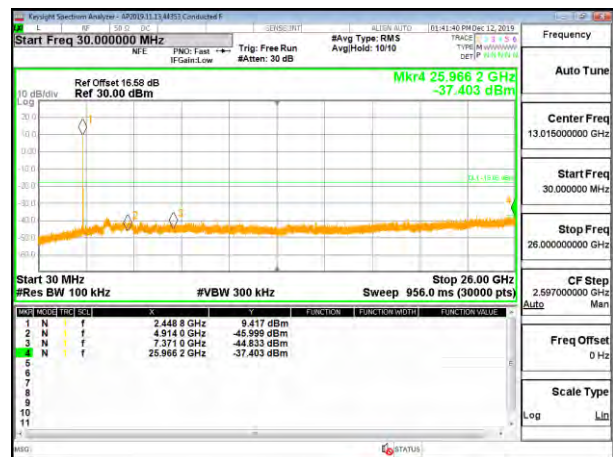
HIGH CHANNEL 9 BANDEDGE LAT 3



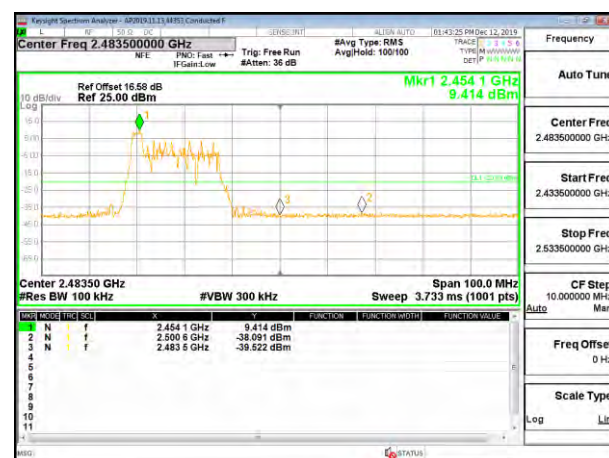
OUT-OF-BAND HIGH CHANNEL 9 LAT 3



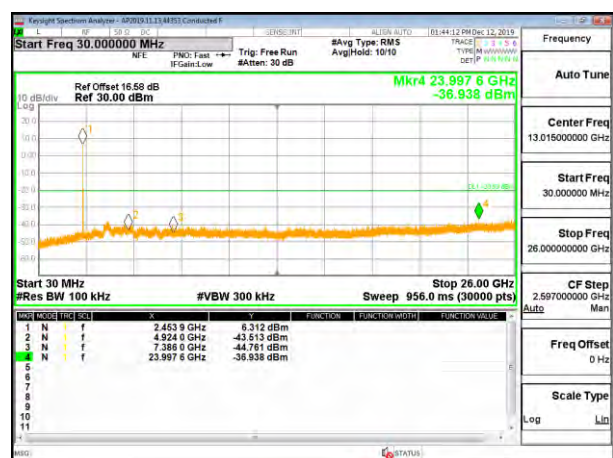
HIGH CHANNEL 10 BANDEDGE LAT 3



OUT-OF-BAND HIGH CHANNEL 10 LAT 3



HIGH CHANNEL 11 BANDEDGE LAT 3



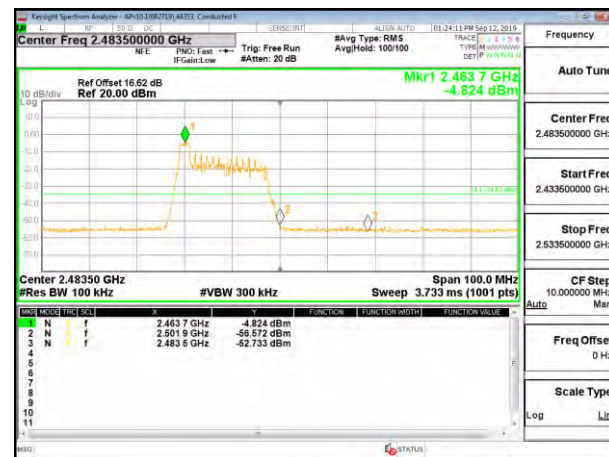
OUT-OF-BAND HIGH CHANNEL 11 LAT 3



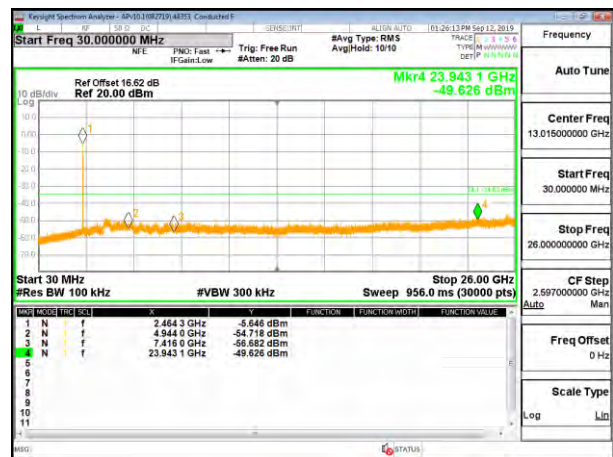
HIGH CHANNEL 12 BANDEDGE LAT 3



OUT-OF-BAND HIGH CHANNEL 12 LAT 3

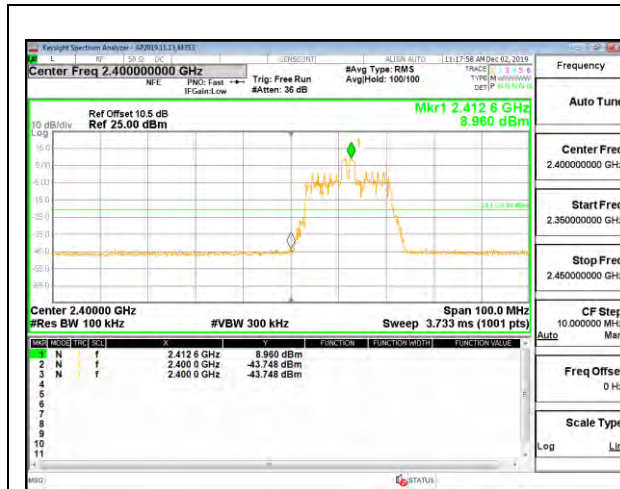


HIGH CHANNEL 13 BANDEDGE LAT 3



OUT-OF-BAND HIGH CHANNEL 13 LAT 3

UAT1 + LAT3 2TX MODE: 26-Tones, RU Index 4



LOW CHANNEL 1 BANDEDGE UAT 1



OUT-OF-BAND LOW CHANNEL 1 UAT 1



LOW CHANNEL 2 BANDEDGE UAT 1



OUT-OF-BAND LOW CHANNEL 2 UAT 1



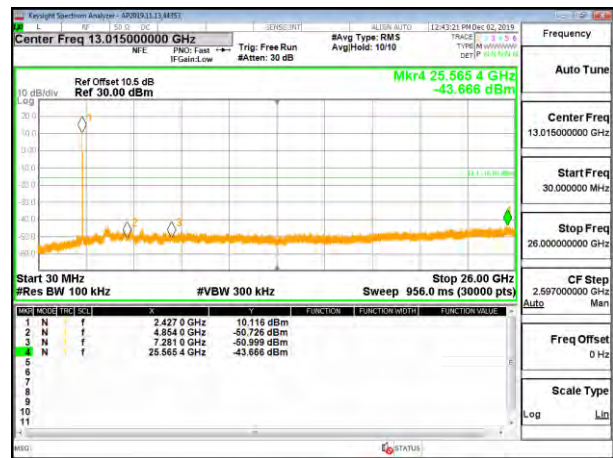
LOW CHANNEL 3 BANDEDGE UAT 1



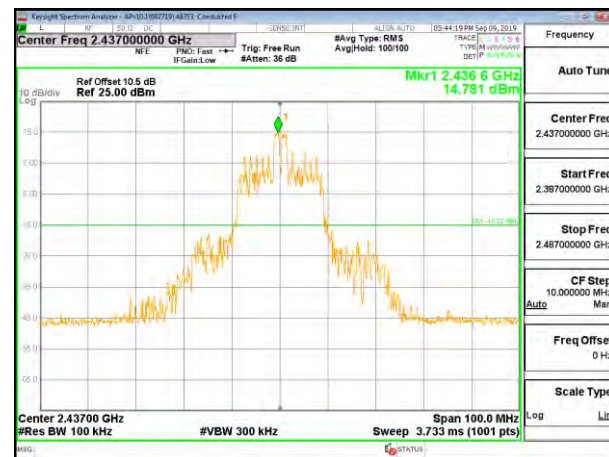
OUT-OF-BAND LOW CHANNEL 3 UAT 1



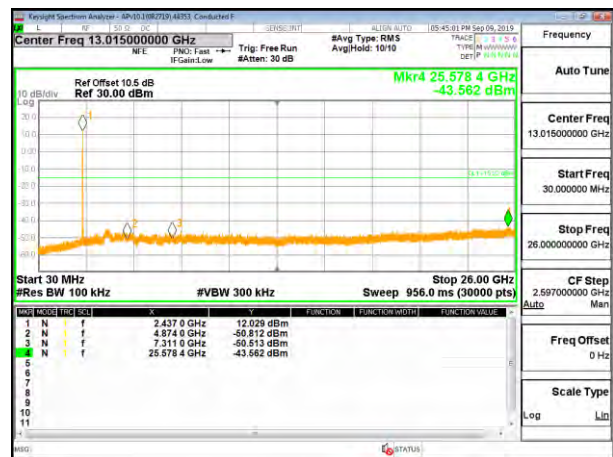
LOW CHANNEL 4 BANDEDGE UAT 1



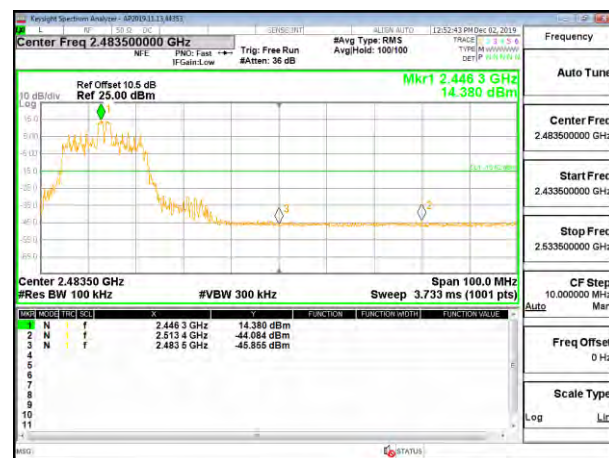
OUT-OF-BAND LOW CHANNEL 4 UAT 1



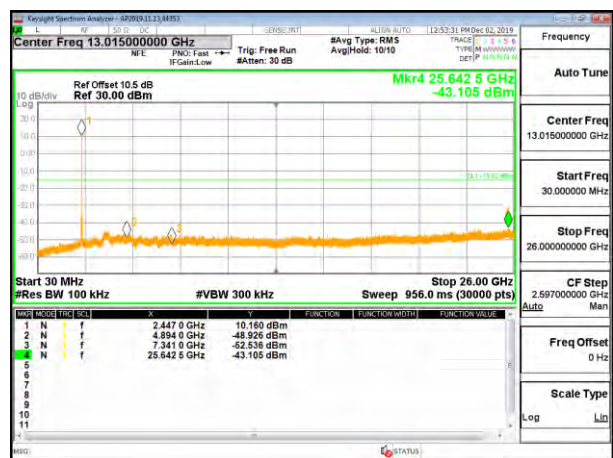
IN-BAND REFERENCE LEVEL UAT 1



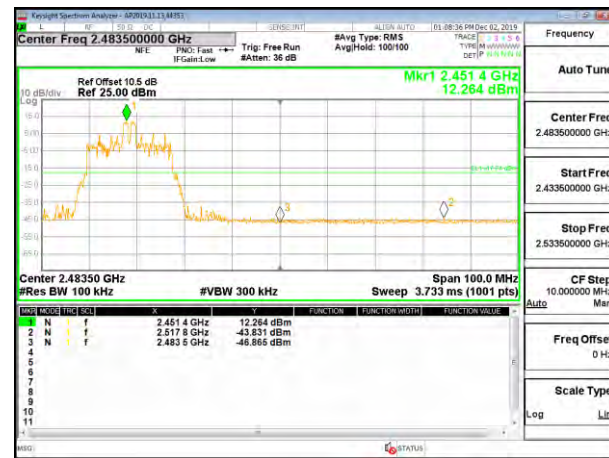
OUT-OF-BAND MID CHANNEL UAT 1



HIGH CHANNEL 8 BANDEDGE UAT 1



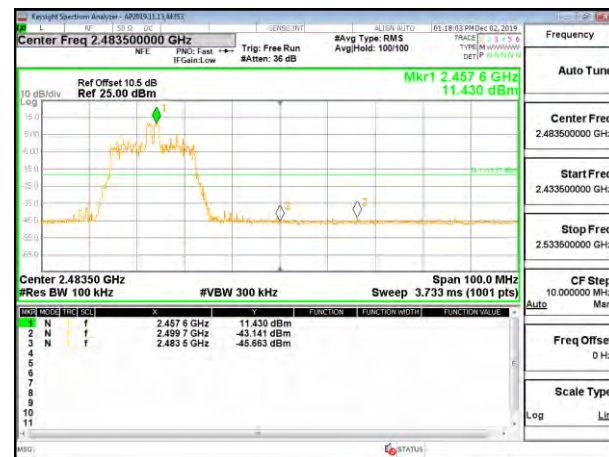
OUT-OF-BAND HIGH CHANNEL 8 UAT 1



HIGH CHANNEL 9 BANDEDGE UAT 1



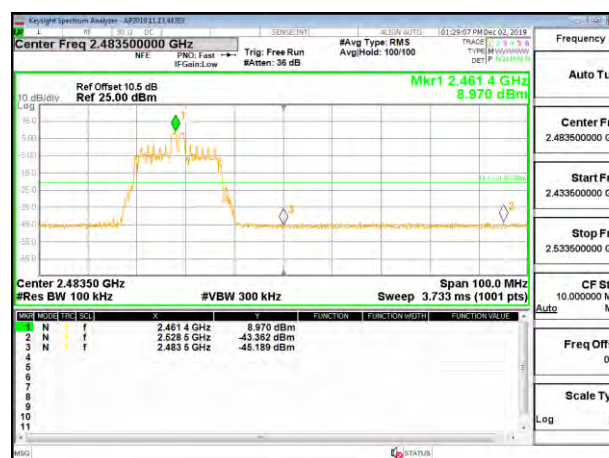
OUT-OF-BAND HIGH CHANNEL 9 UAT 1



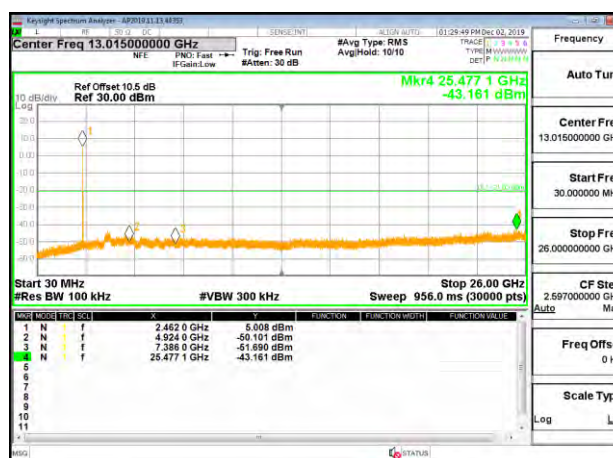
HIGH CHANNEL 10 BANDEDGE UAT 1



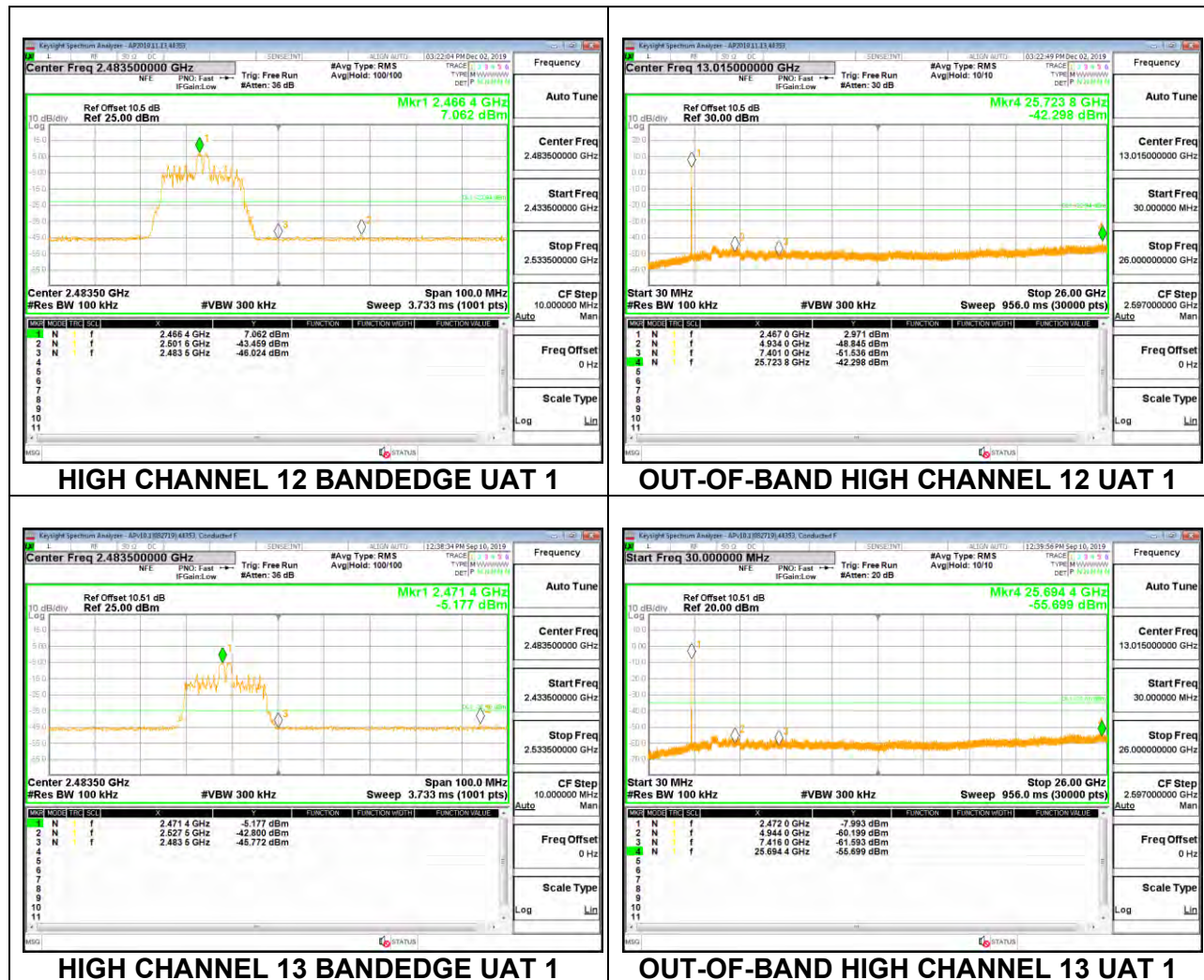
OUT-OF-BAND HIGH CHANNEL 10 UAT 1

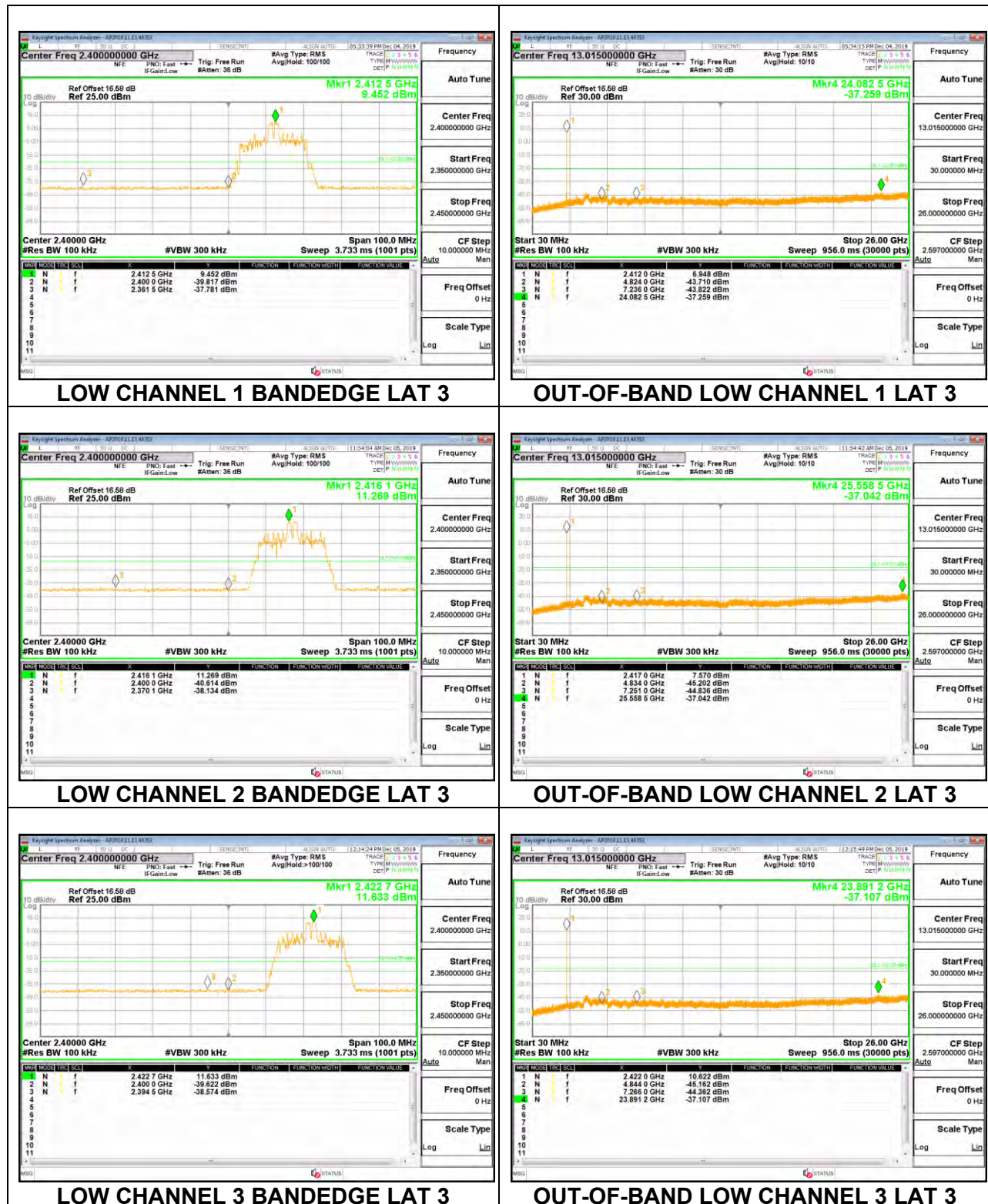


HIGH CHANNEL 11 BANDEDGE UAT 1



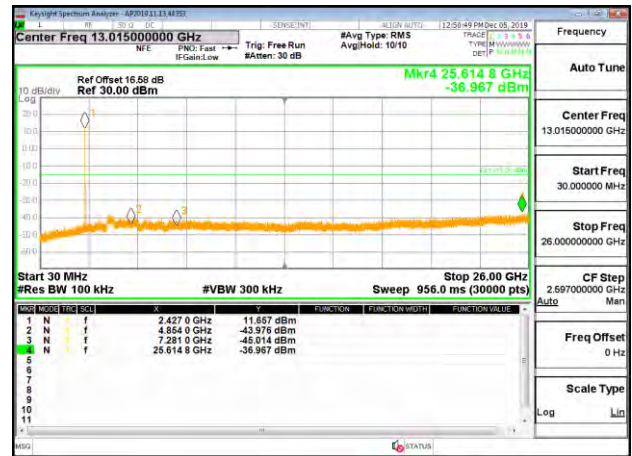
OUT-OF-BAND HIGH CHANNEL 11 UAT 1



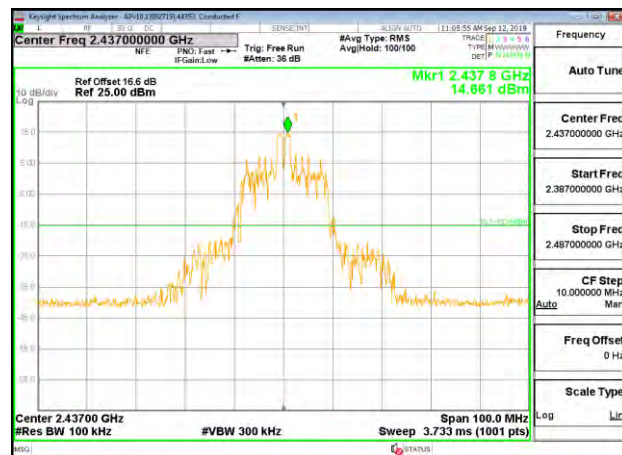




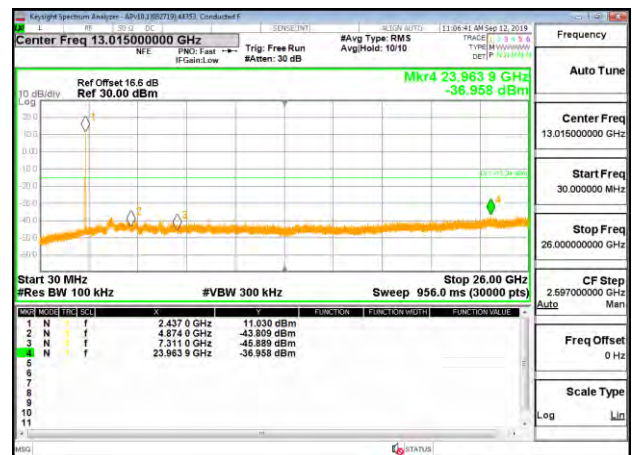
LOW CHANNEL 4 BANDEDGE LAT 3



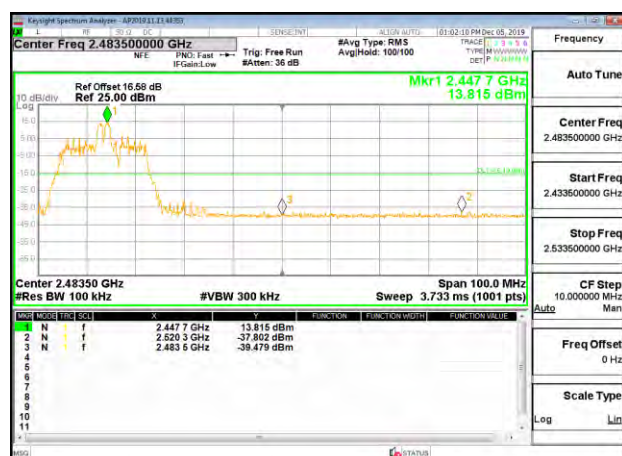
OUT-OF-BAND LOW CHANNEL 4 LAT 3



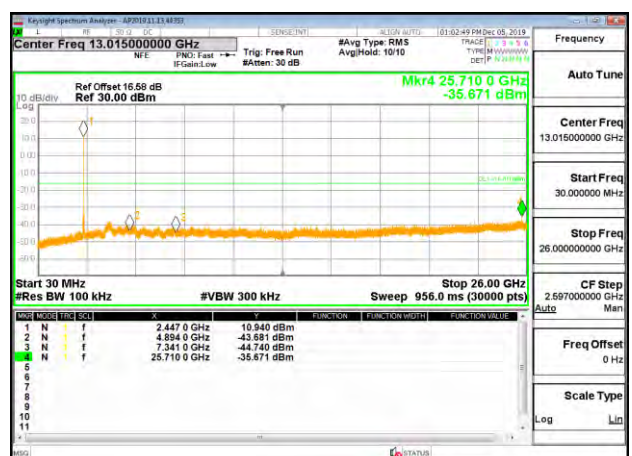
IN-BAND REFERENCE LEVEL LAT 3



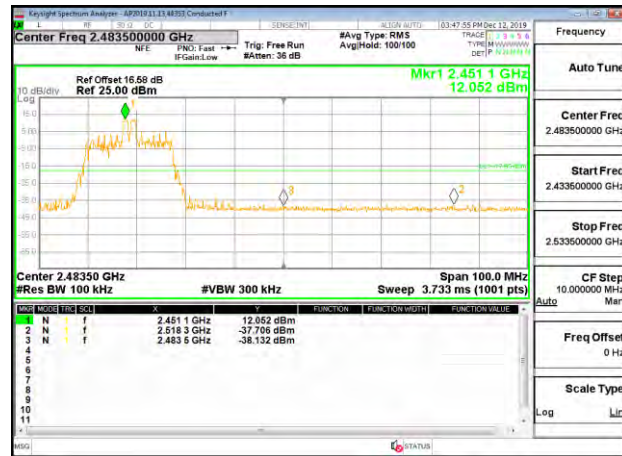
OUT-OF-BAND MID CHANNEL LAT 3



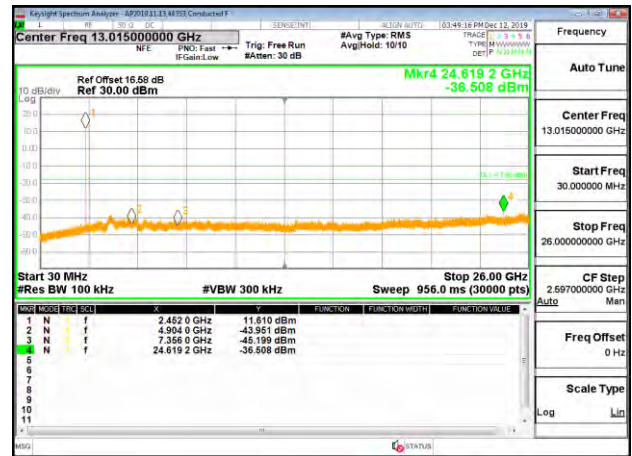
HIGH CHANNEL 8 BANDEDGE LAT 3



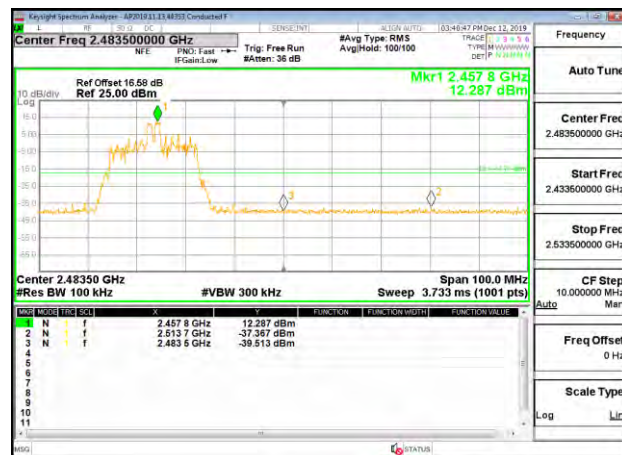
OUT-OF-BAND HIGH CHANNEL 8 LAT 3



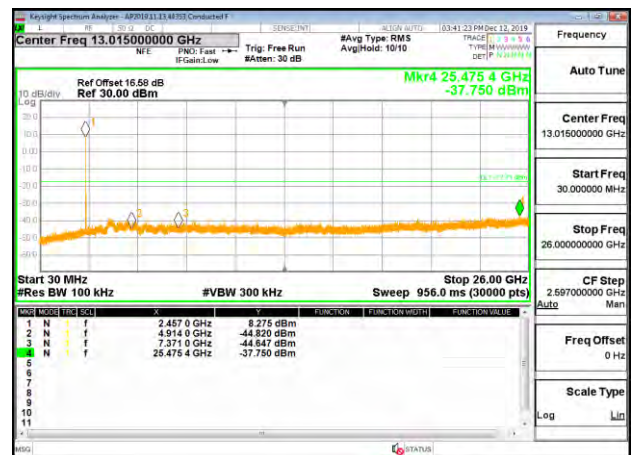
HIGH CHANNEL 9 BANDEDGE LAT 3



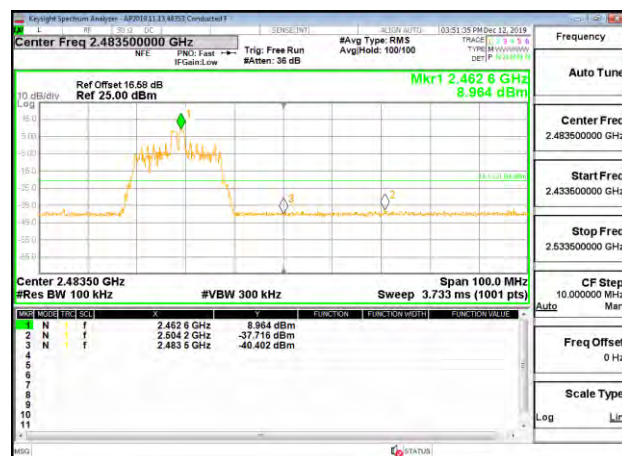
OUT-OF-BAND HIGH CHANNEL 9 LAT 3



HIGH CHANNEL 10 BANDEDGE LAT 3



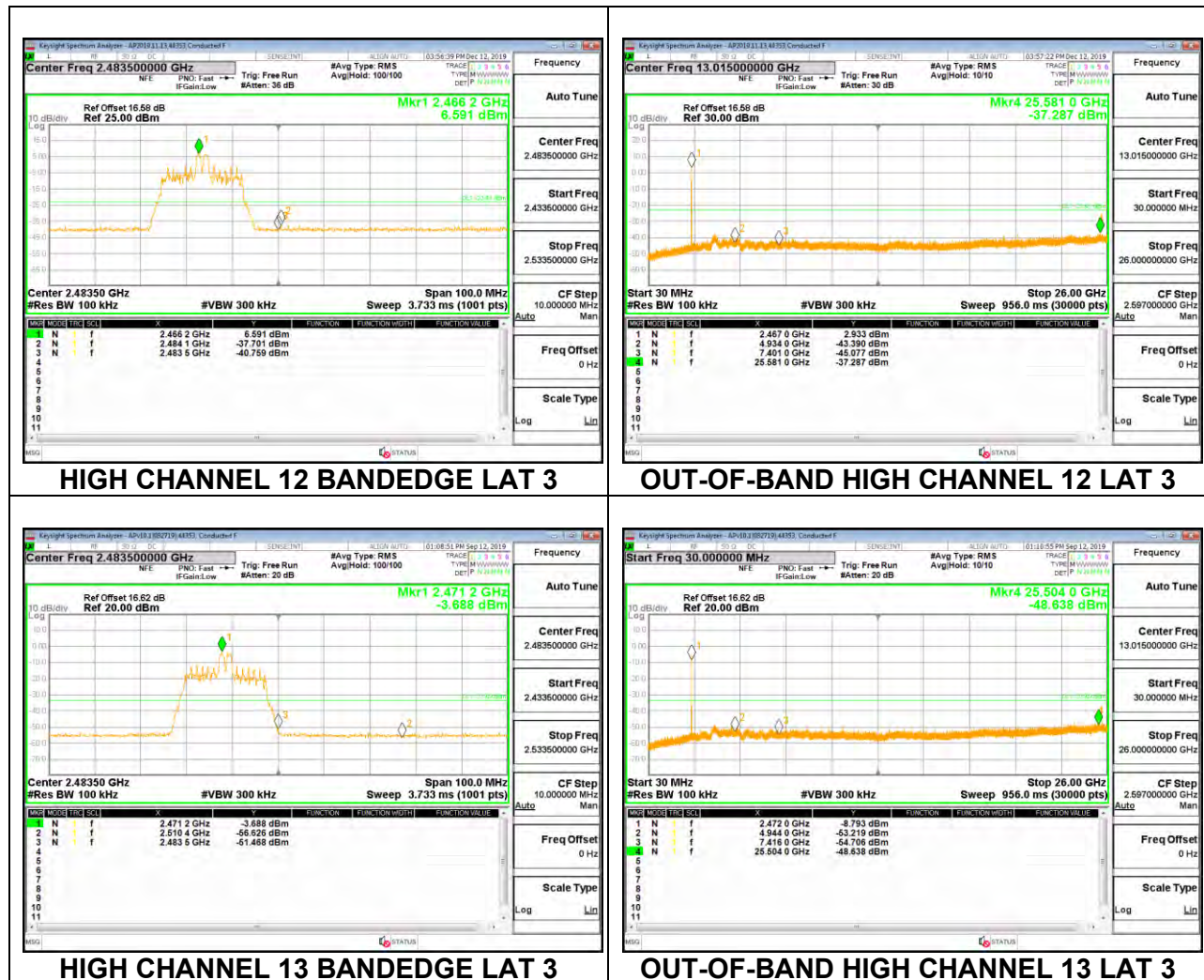
OUT-OF-BAND HIGH CHANNEL 10 LAT 3



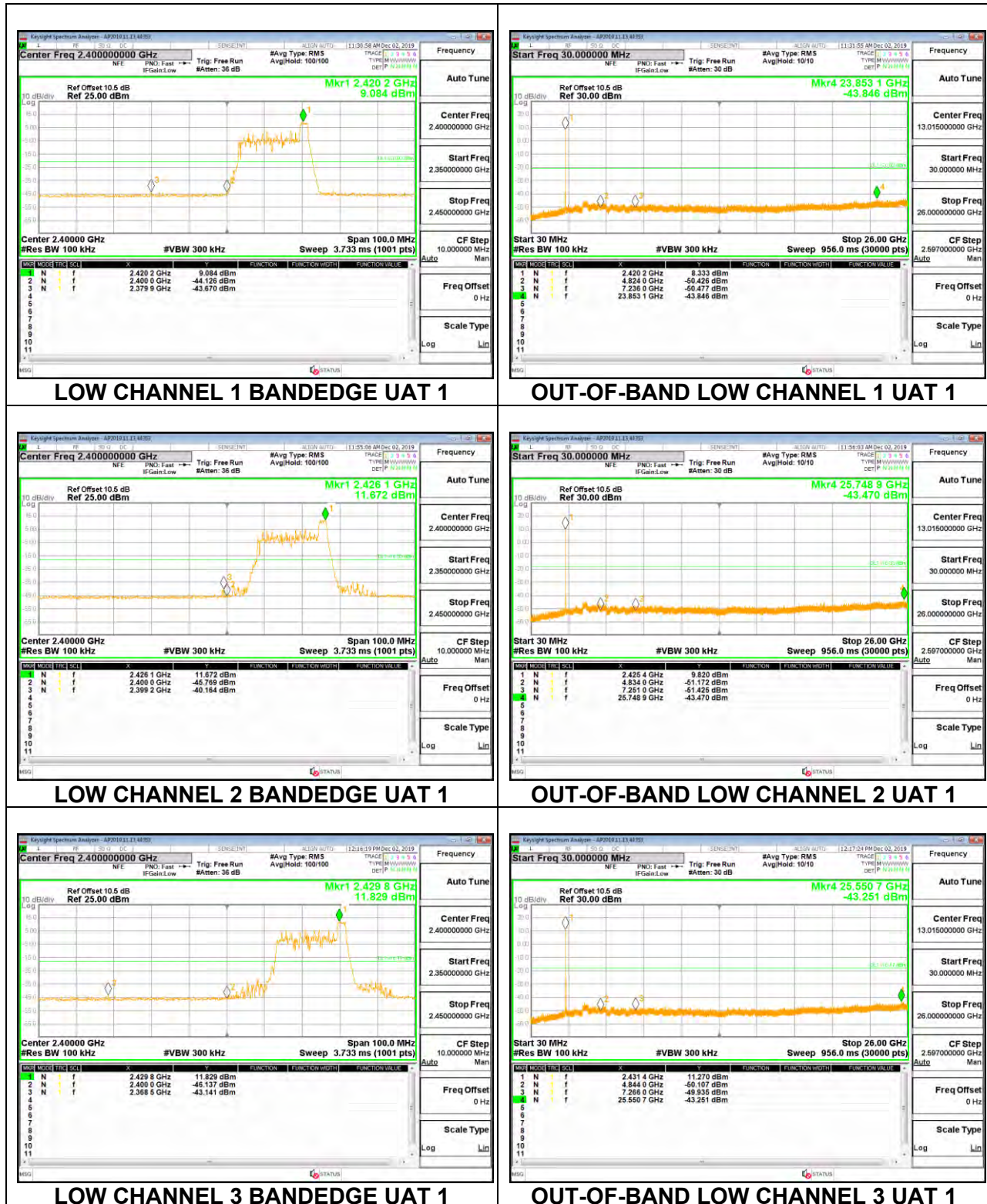
HIGH CHANNEL 11 BANDEDGE LAT 3

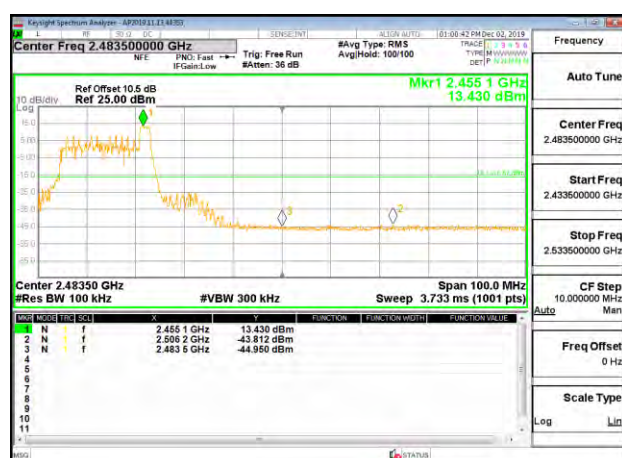
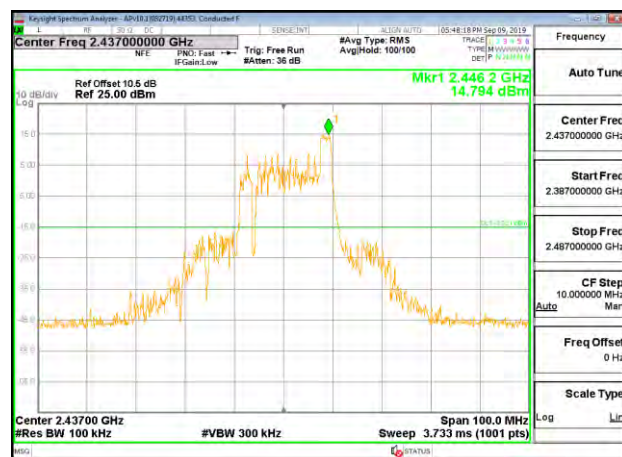
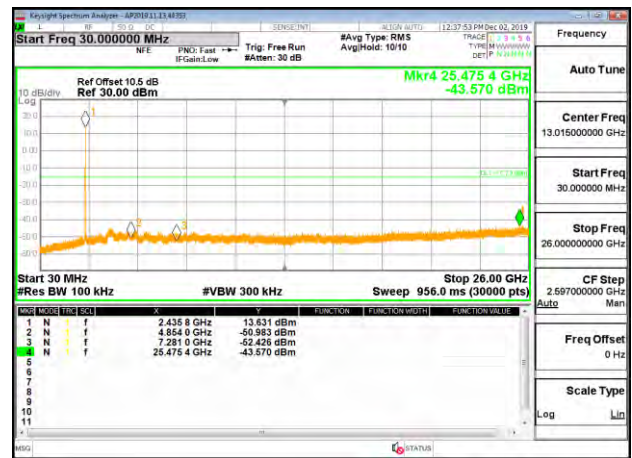


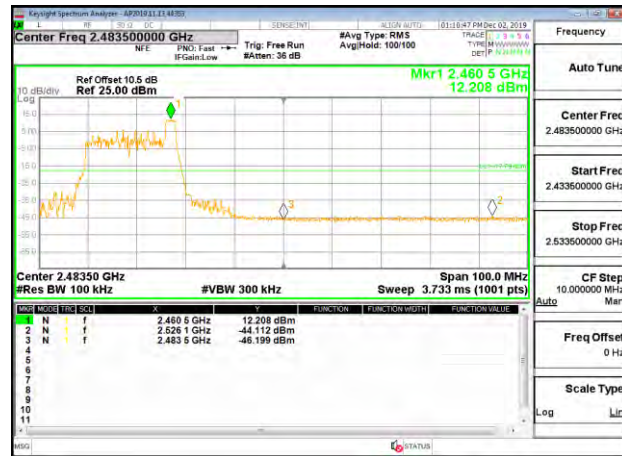
OUT-OF-BAND HIGH CHANNEL 11 LAT 3



UAT1 + LAT3 2TX MODE: 26-Tones, RU Index 8



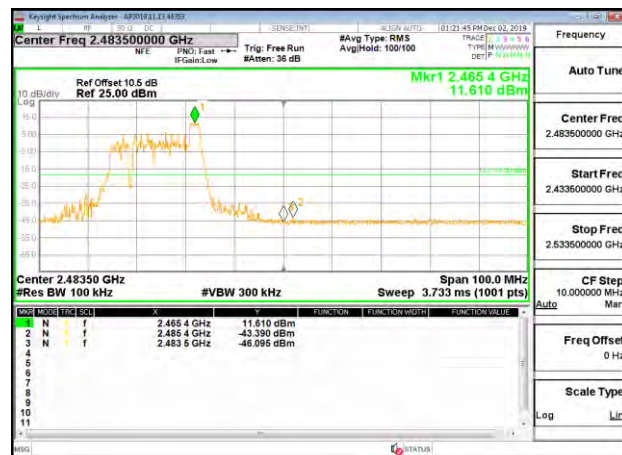




HIGH CHANNEL 9 BANDEDGE UAT 1



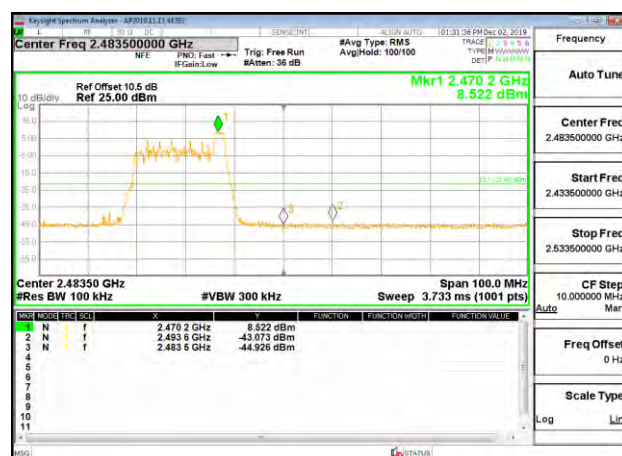
OUT-OF-BAND HIGH CHANNEL 9 UAT 1



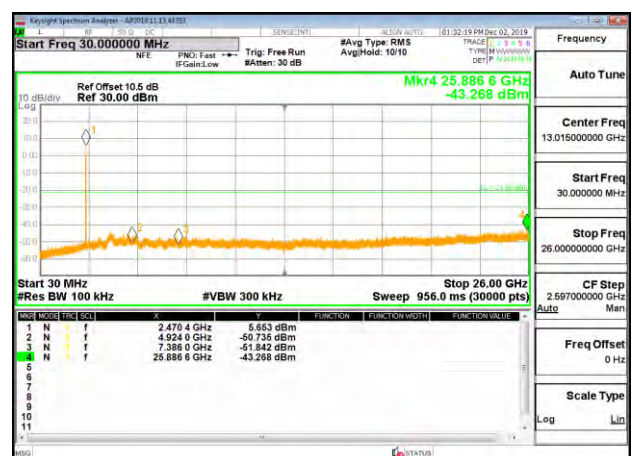
HIGH CHANNEL 10 BANDEDGE UAT 1



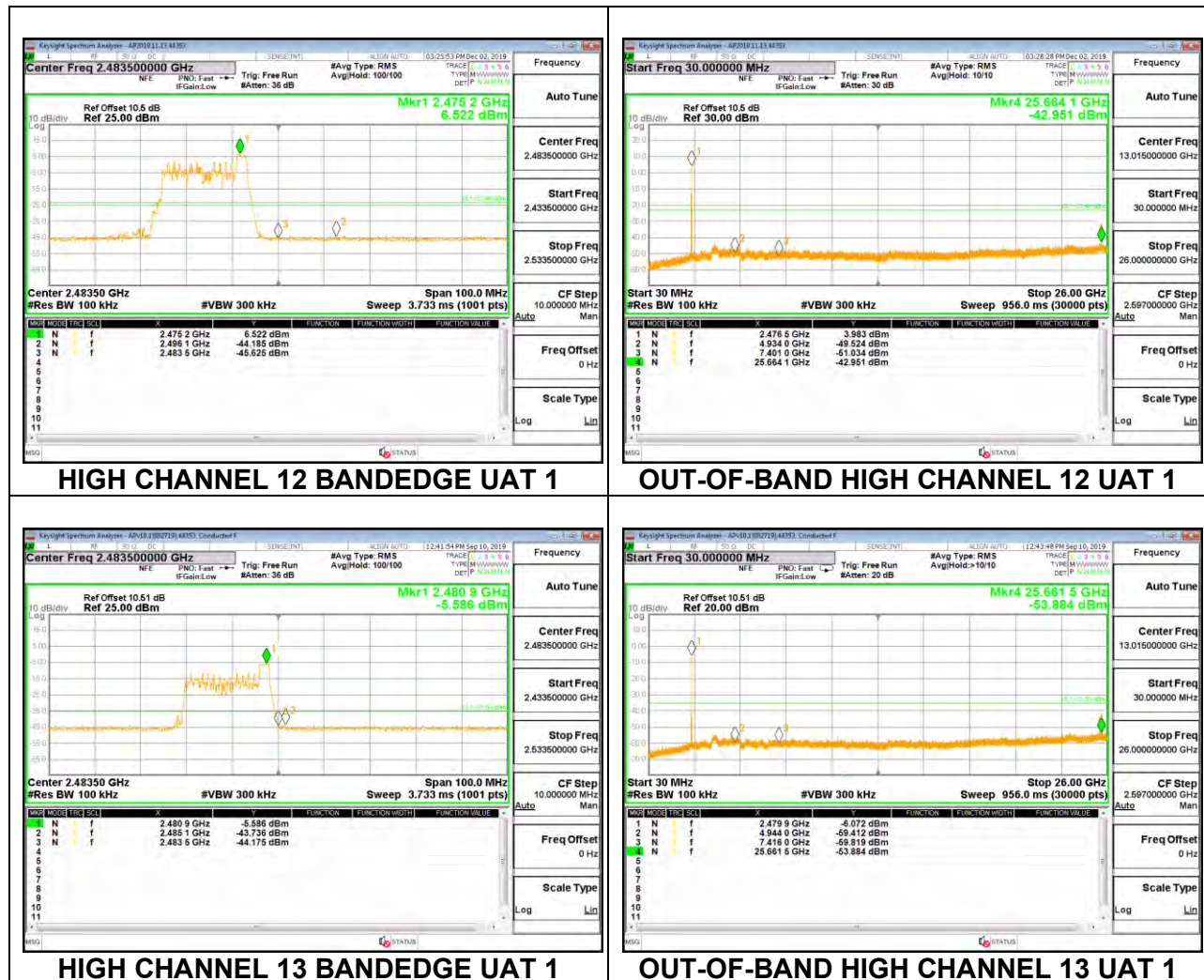
OUT-OF-BAND HIGH CHANNEL 10 UAT 1

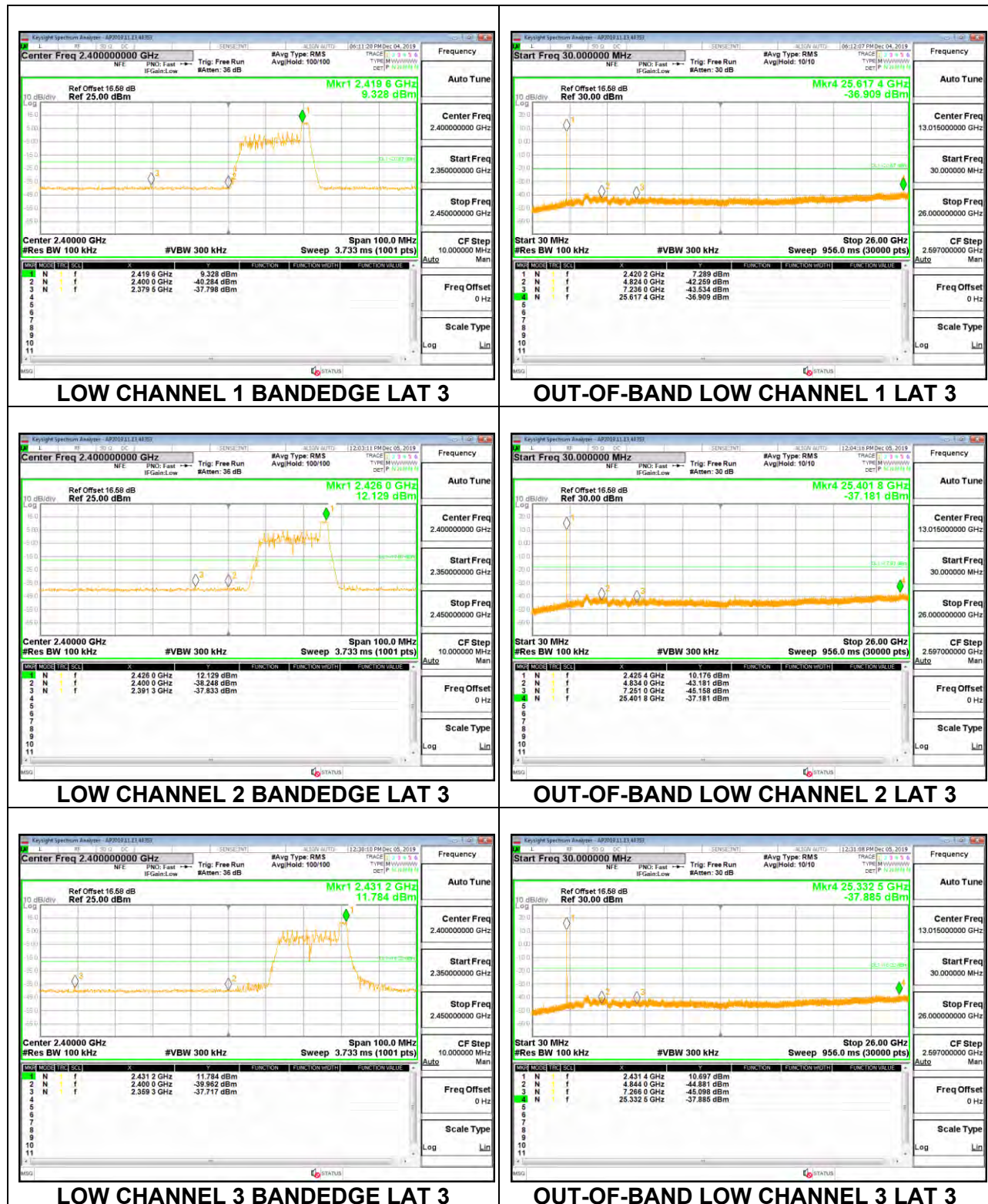


HIGH CHANNEL 11 BANDEDGE UAT 1



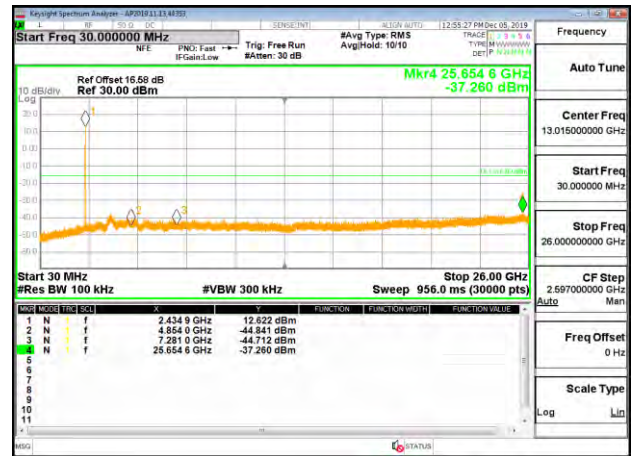
OUT-OF-BAND HIGH CHANNEL 11 UAT 1



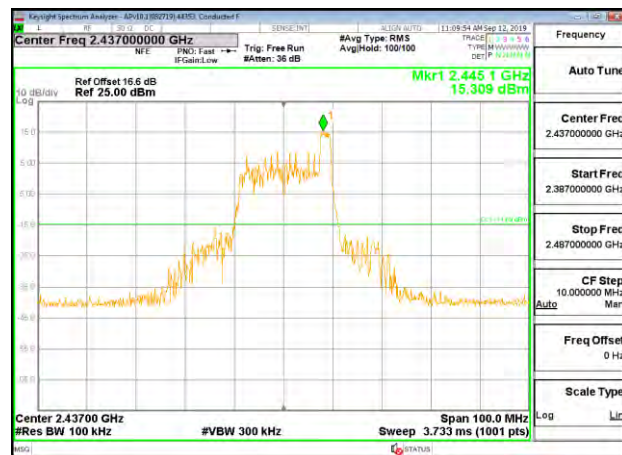




LOW CHANNEL 4 BANDEDGE LAT 3



OUT-OF-BAND LOW CHANNEL 4 LAT 3



IN-BAND REFERENCE LEVEL LAT 3



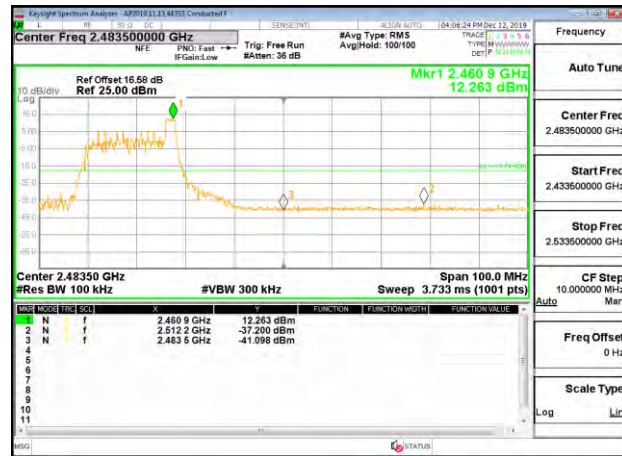
OUT-OF-BAND MID CHANNEL LAT 3



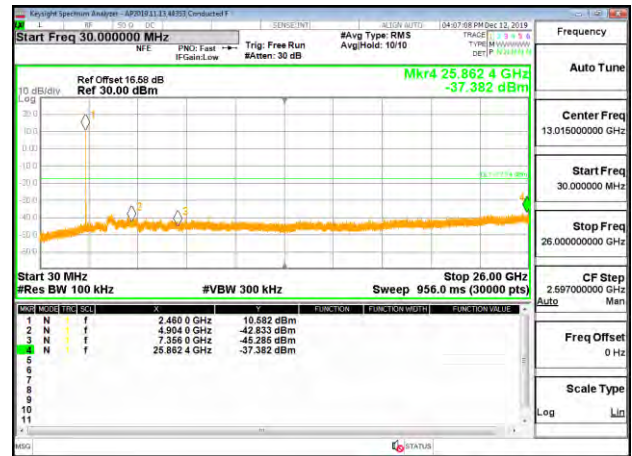
HIGH CHANNEL 8 BANDEDGE LAT 3



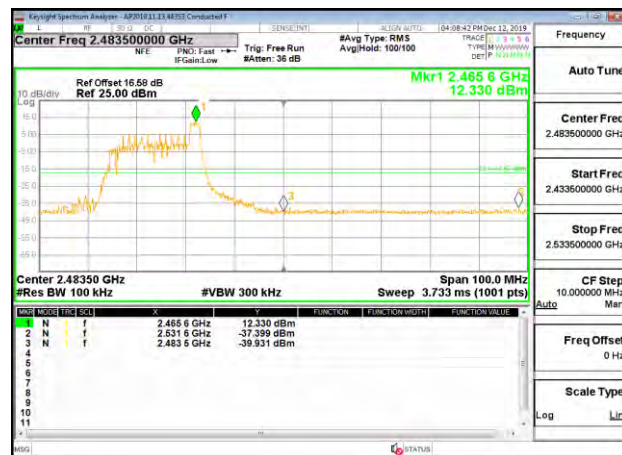
OUT-OF-BAND HIGH CHANNEL 8 LAT 3



HIGH CHANNEL 9 BANDEDGE LAT 3



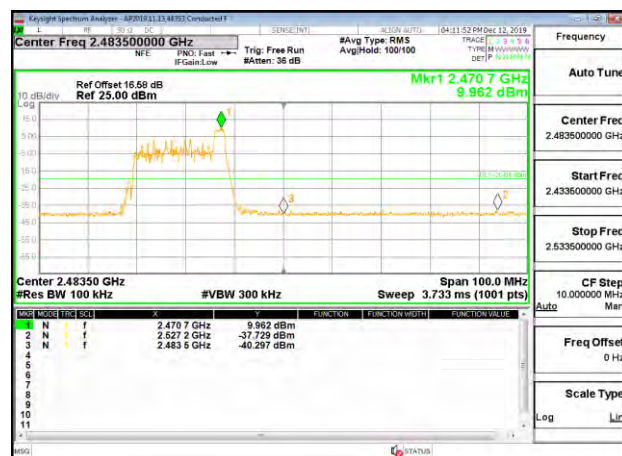
OUT-OF-BAND HIGH CHANNEL 9 LAT 3



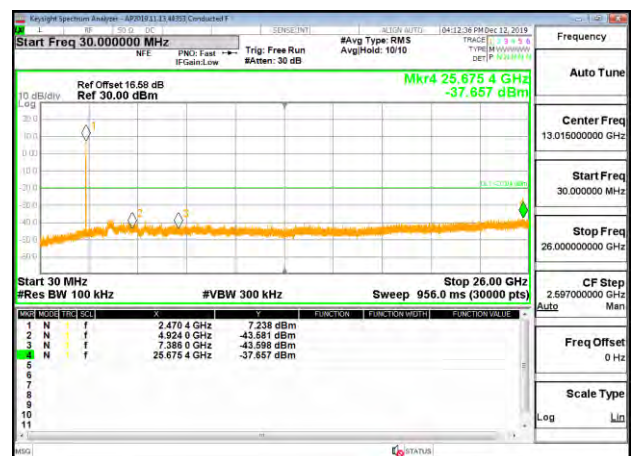
HIGH CHANNEL 10 BANDEDGE LAT 3



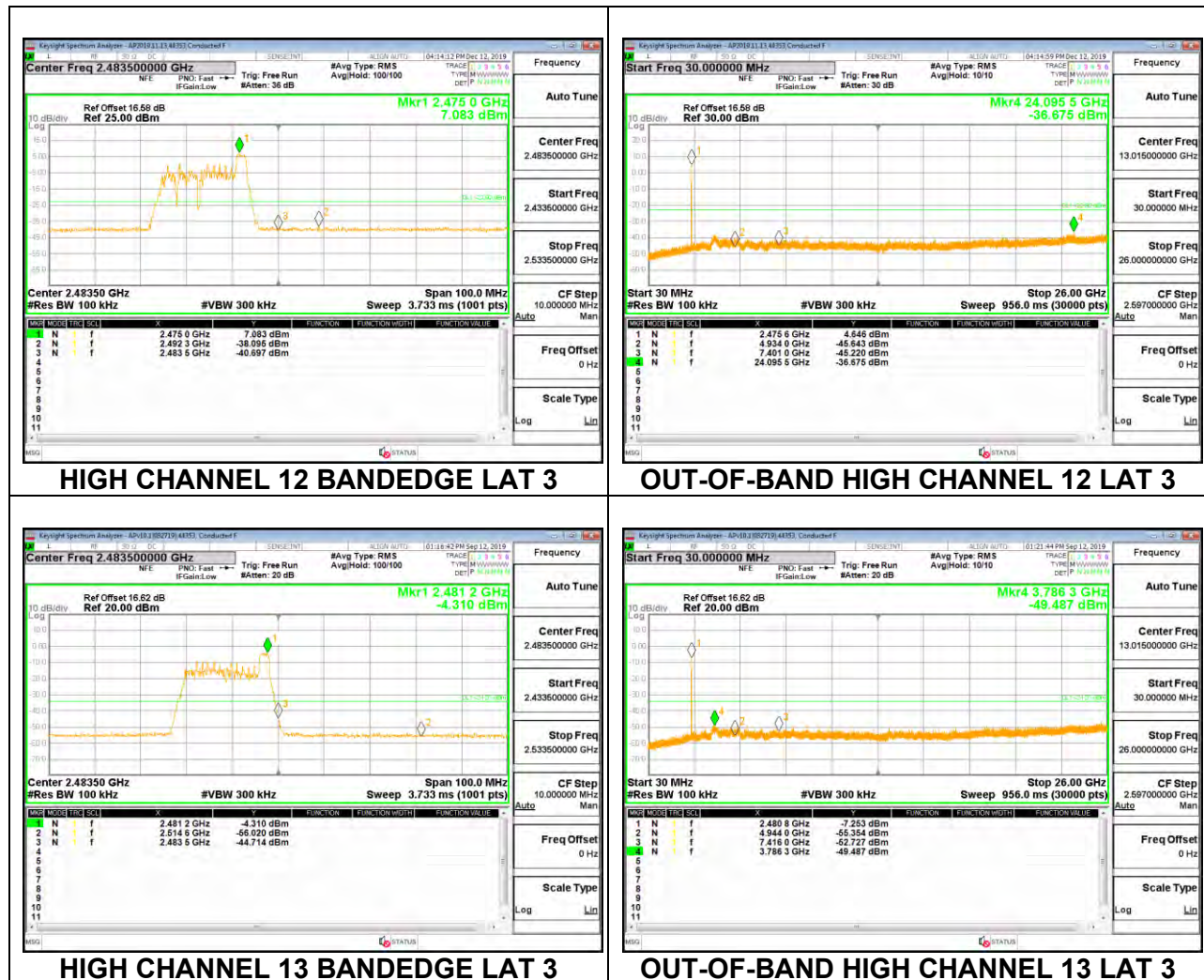
OUT-OF-BAND HIGH CHANNEL 10 LAT 3



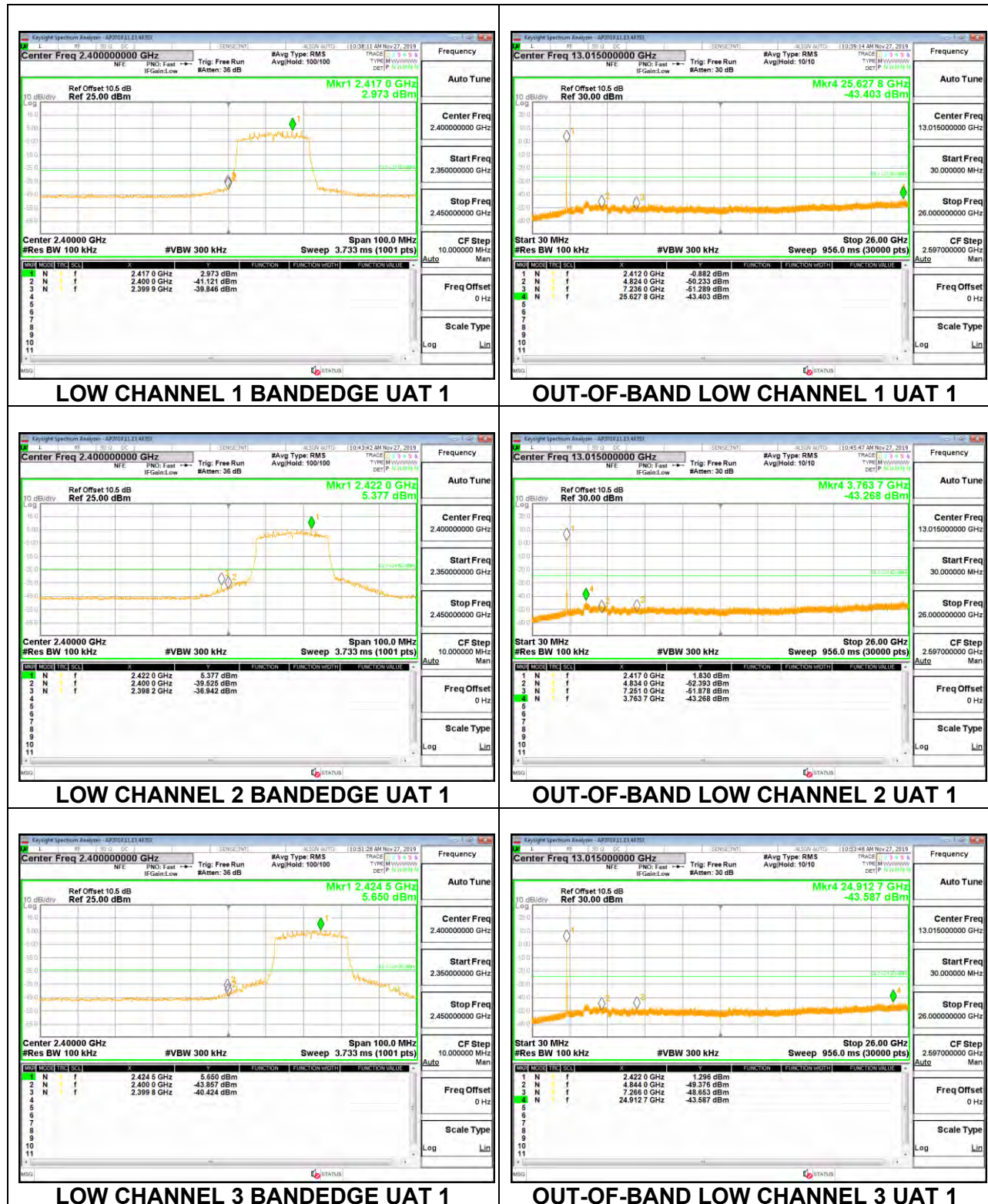
HIGH CHANNEL 11 BANDEDGE LAT 3

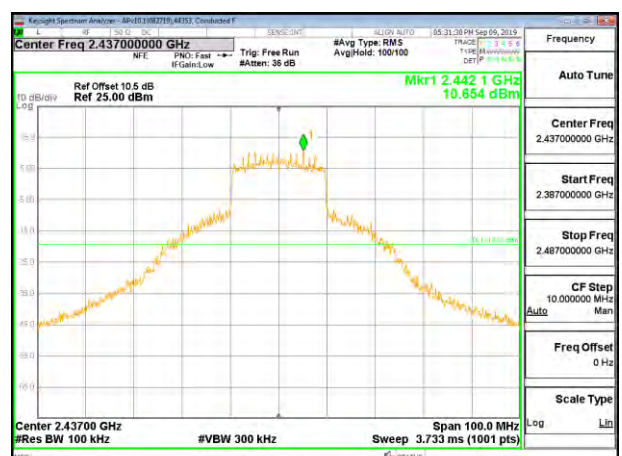
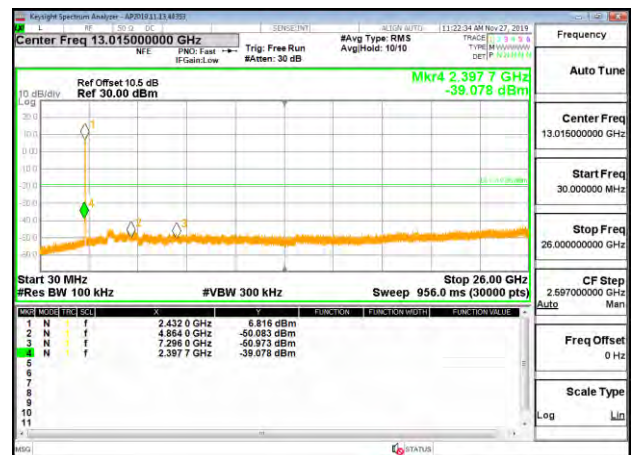
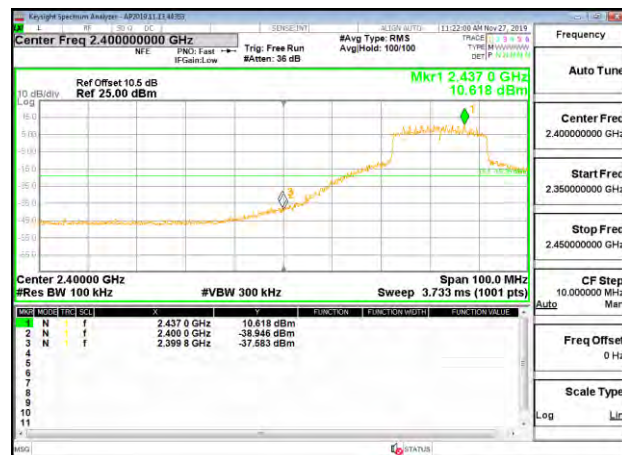


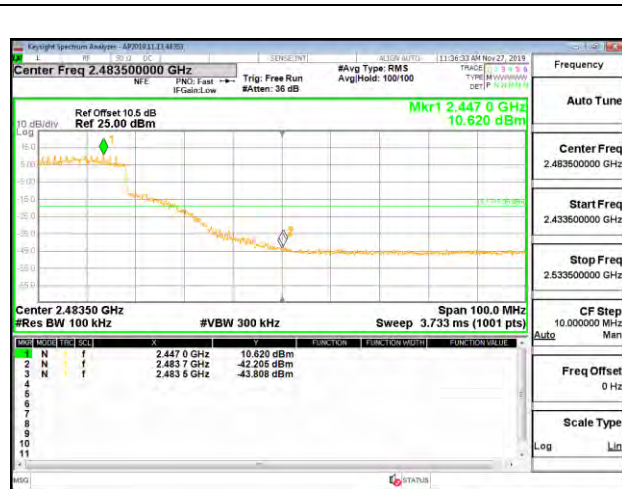
OUT-OF-BAND HIGH CHANNEL 11 LAT 3



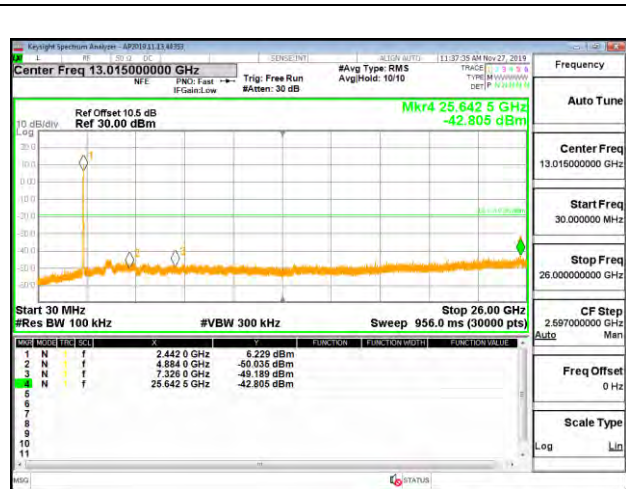
UAT1 + LAT3 2TX MODE: 242-Tones, RU Index 61



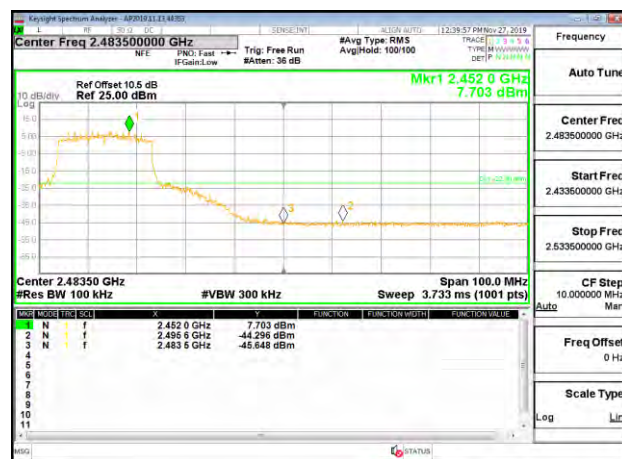




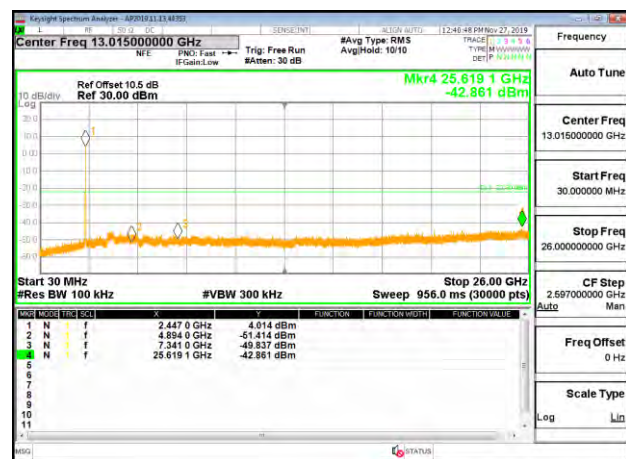
HIGH CHANNEL 7 BANDEDGE UAT 1



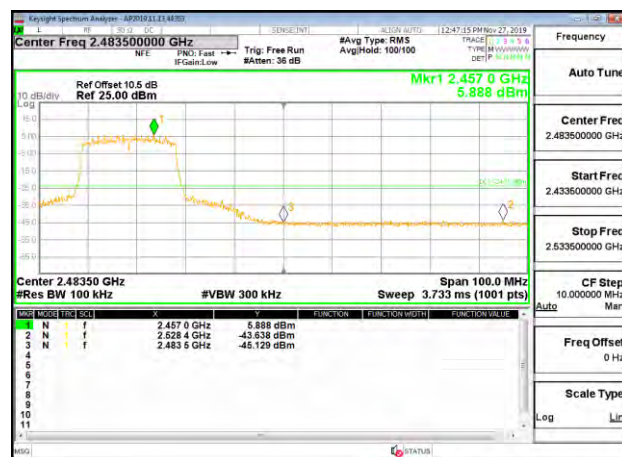
OUT-OF-BAND HIGH CHANNEL 7 UAT 1



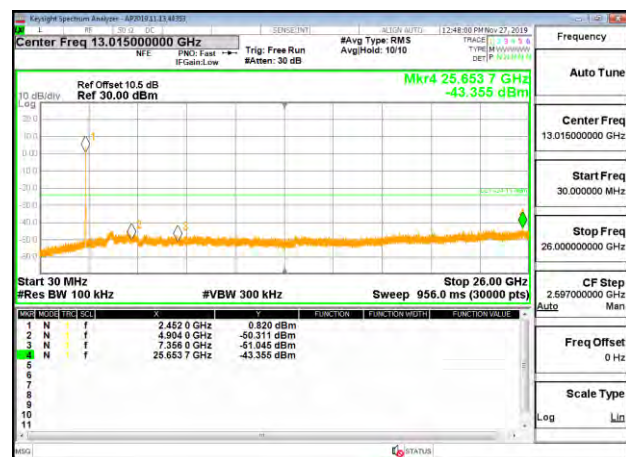
HIGH CHANNEL 8 BANDEDGE UAT 1



OUT-OF-BAND HIGH CHANNEL 8 UAT 1



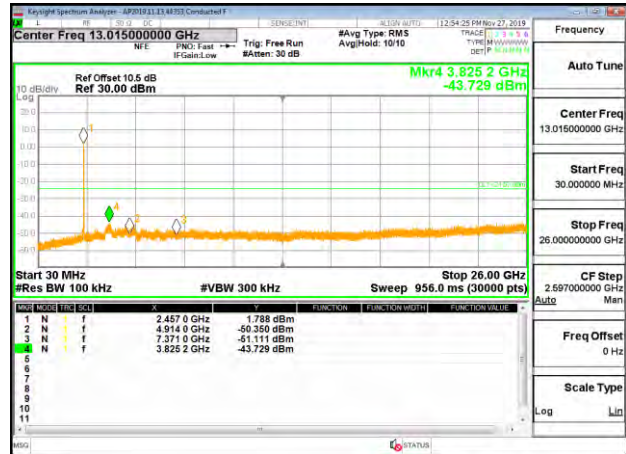
HIGH CHANNEL 9 BANDEDGE UAT 1



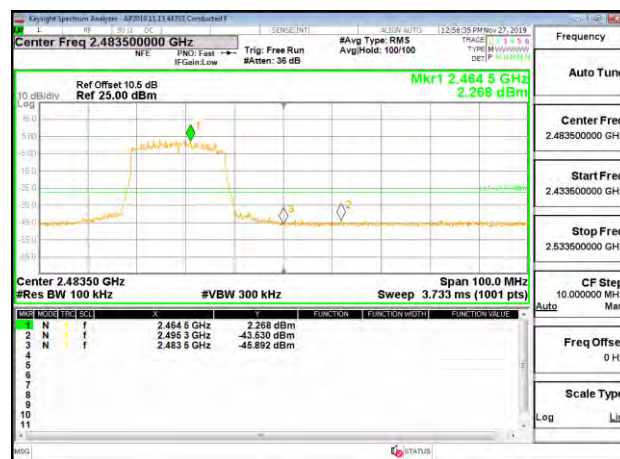
OUT-OF-BAND HIGH CHANNEL 9 UAT 1



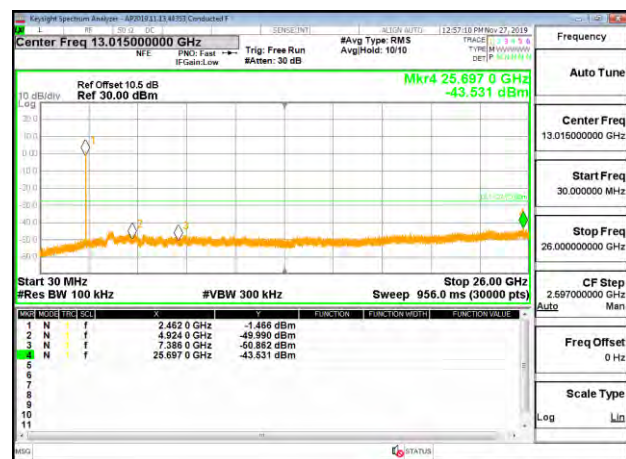
HIGH CHANNEL 10 BANDEDGE UAT 1



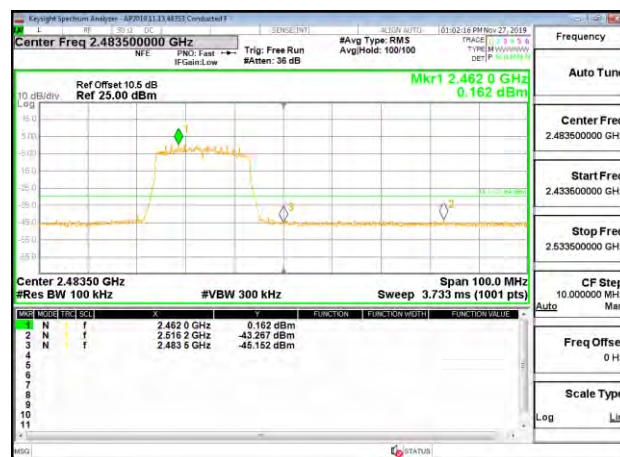
OUT-OF-BAND HIGH CHANNEL 10 UAT 1



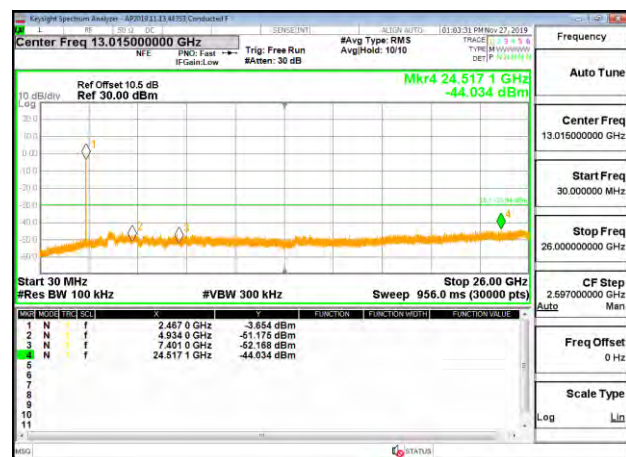
HIGH CHANNEL 11 BANDEDGE UAT 1



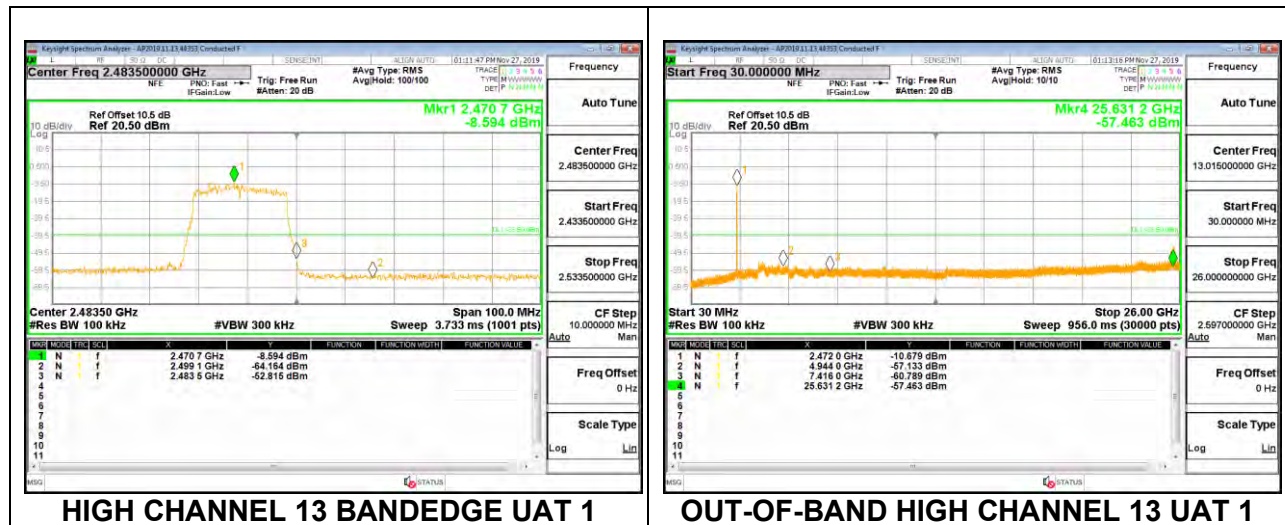
OUT-OF-BAND HIGH CHANNEL 11 UAT 1

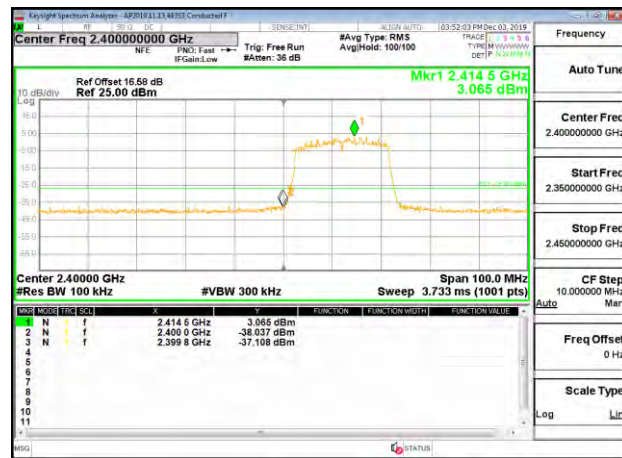


HIGH CHANNEL 12 BANDEDGE UAT 1

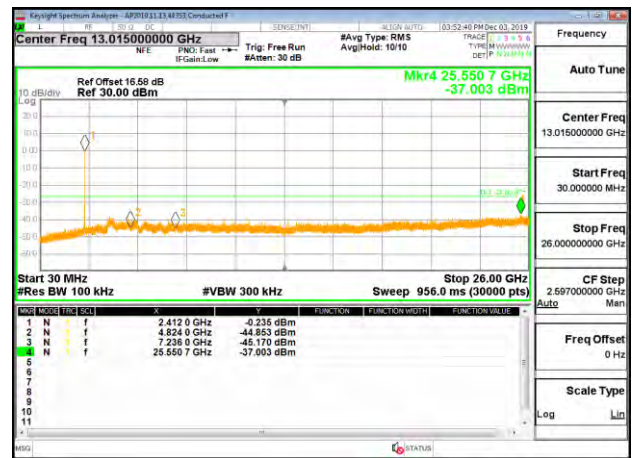


OUT-OF-BAND HIGH CHANNEL 12 UAT 1

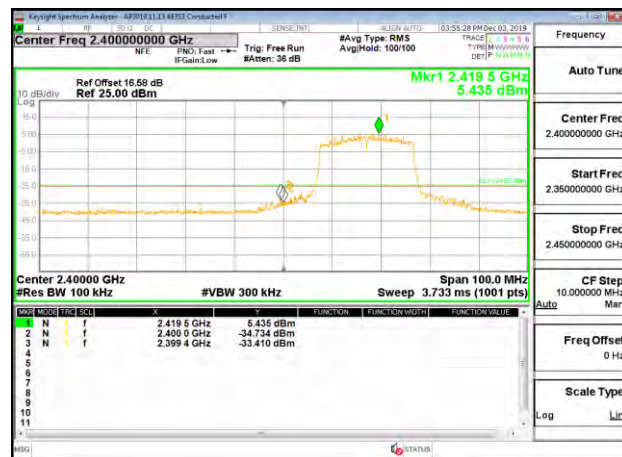




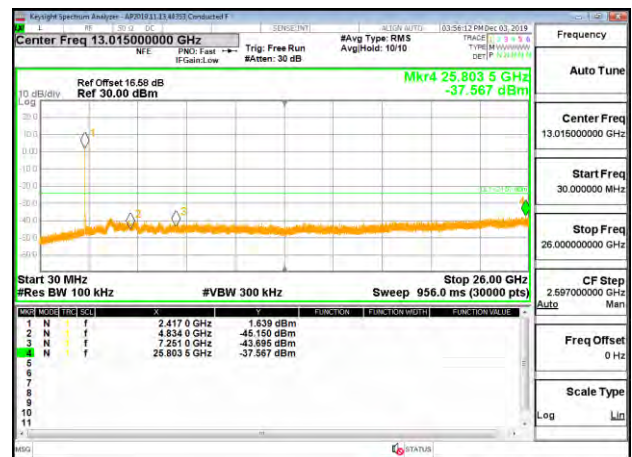
LOW CHANNEL 1 BANDEDGE LAT 3



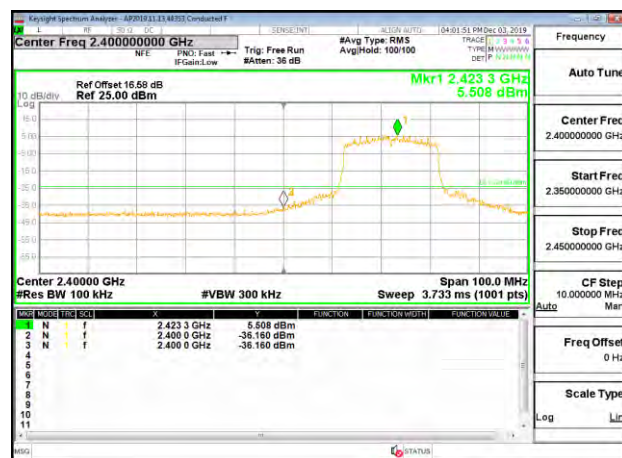
OUT-OF-BAND LOW CHANNEL 1 LAT 3



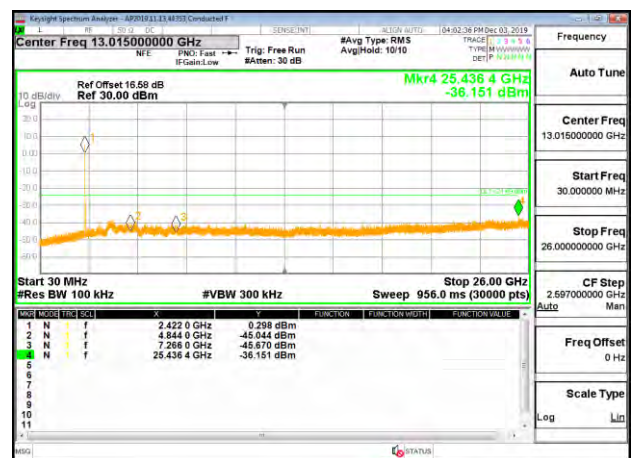
LOW CHANNEL 2 BANDEDGE LAT 3



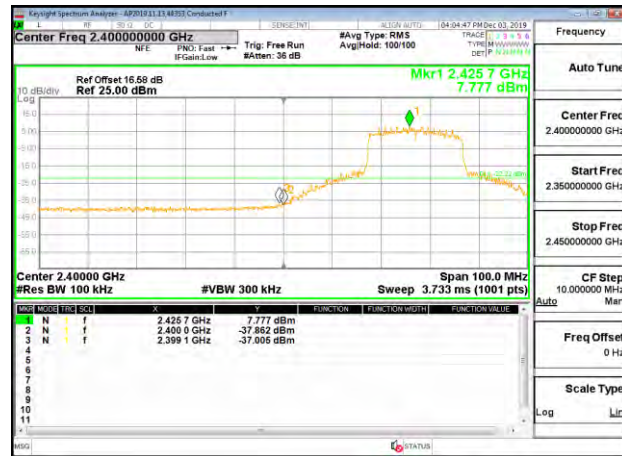
OUT-OF-BAND LOW CHANNEL 2 LAT 3



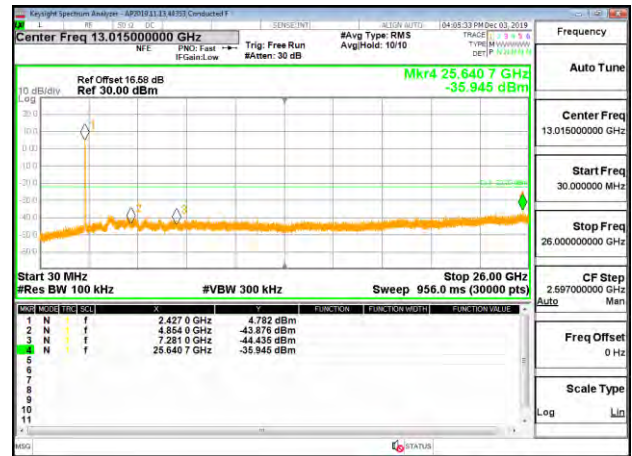
LOW CHANNEL 3 BANDEDGE LAT 3



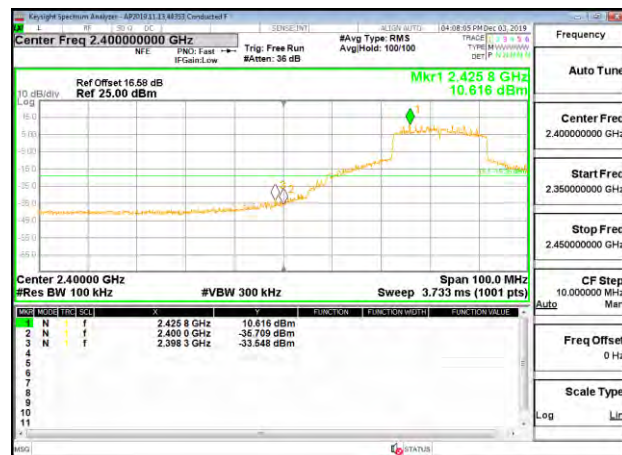
OUT-OF-BAND LOW CHANNEL 3 LAT 3



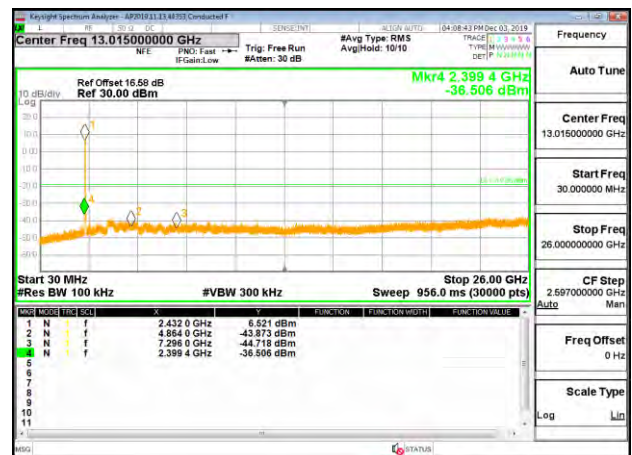
LOW CHANNEL 4 BANDEDGE LAT 3



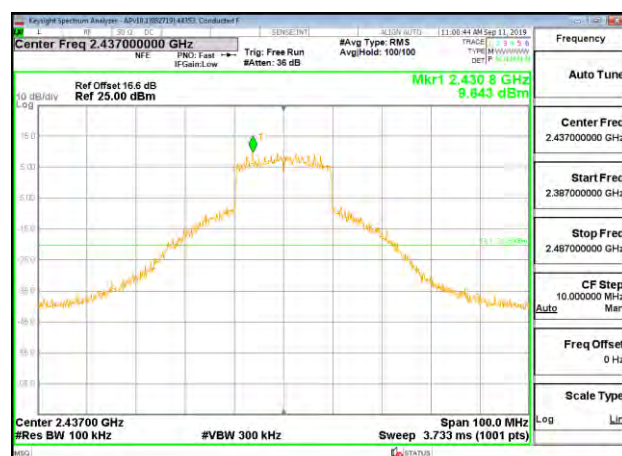
OUT-OF-BAND LOW CHANNEL 4 LAT 3



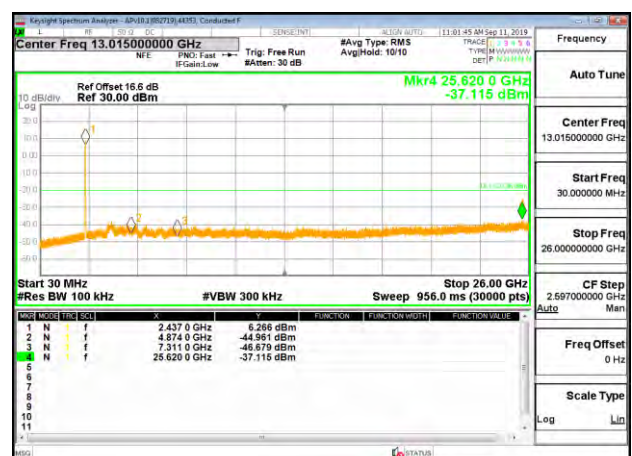
LOW CHANNEL 5 BANDEDGE LAT 3



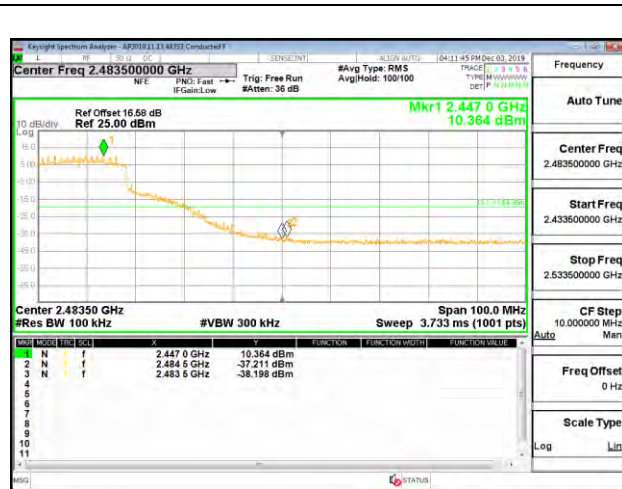
OUT-OF-BAND LOW CHANNEL 5 LAT 3



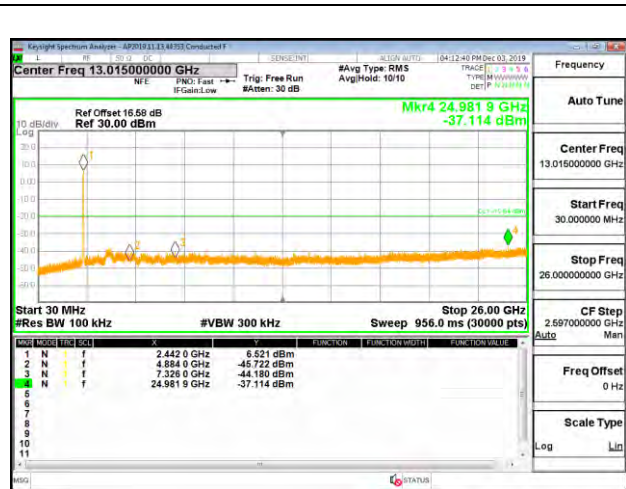
IN-BAND REFERENCE LEVEL LAT 3



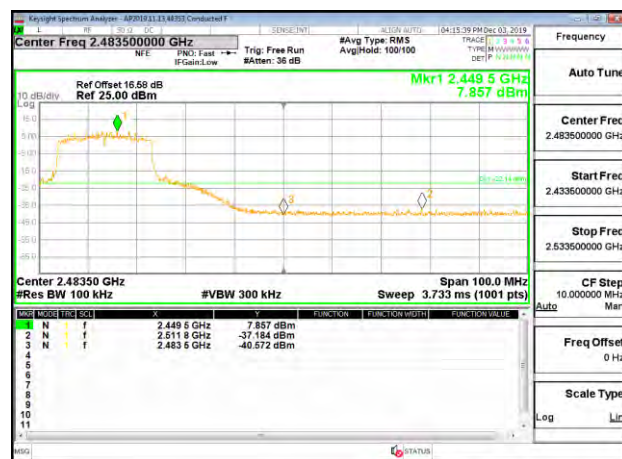
OUT-OF-BAND MID CHANNEL LAT 3



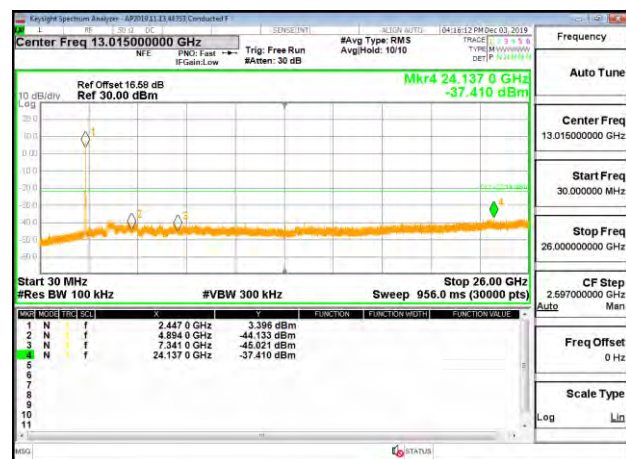
HIGH CHANNEL 7 BANDEDGE LAT 3



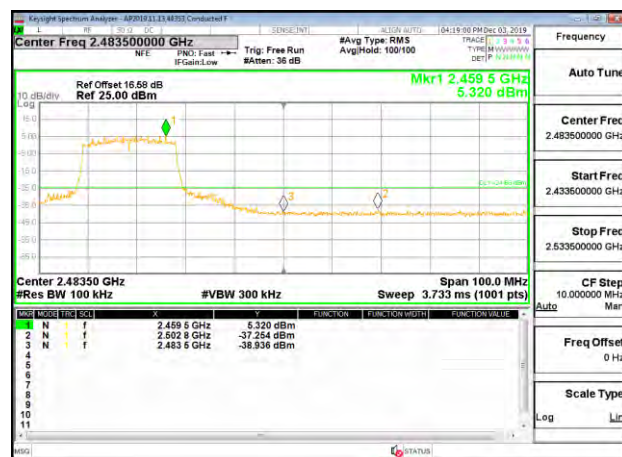
OUT-OF-BAND HIGH CHANNEL 7 LAT 3



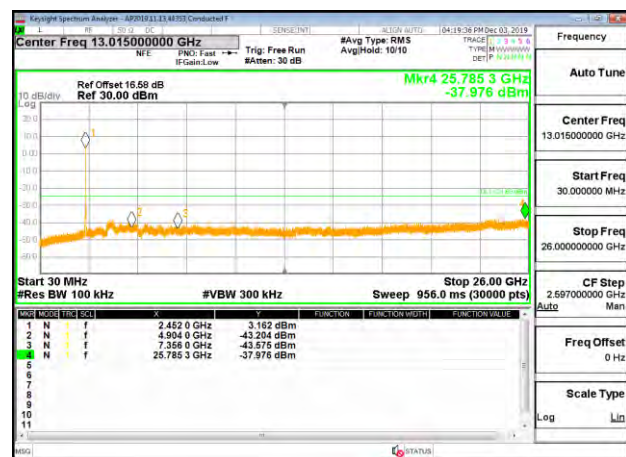
HIGH CHANNEL 8 BANDEDGE LAT 3



OUT-OF-BAND HIGH CHANNEL 8 LAT 3



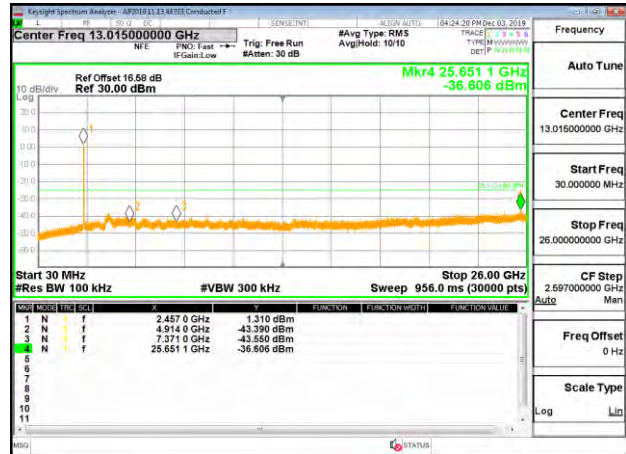
HIGH CHANNEL 9 BANDEDGE LAT 3



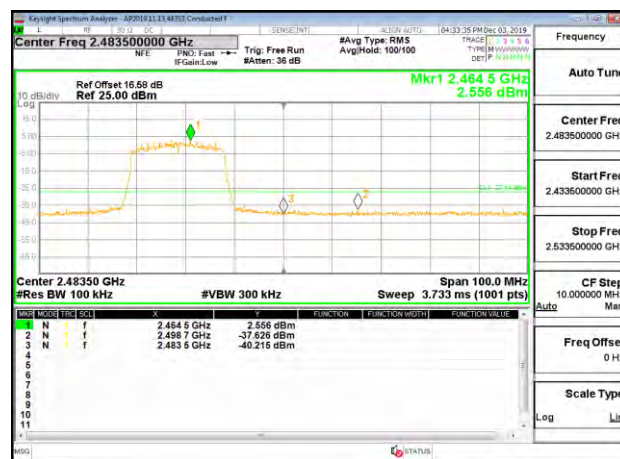
OUT-OF-BAND HIGH CHANNEL 9 LAT 3



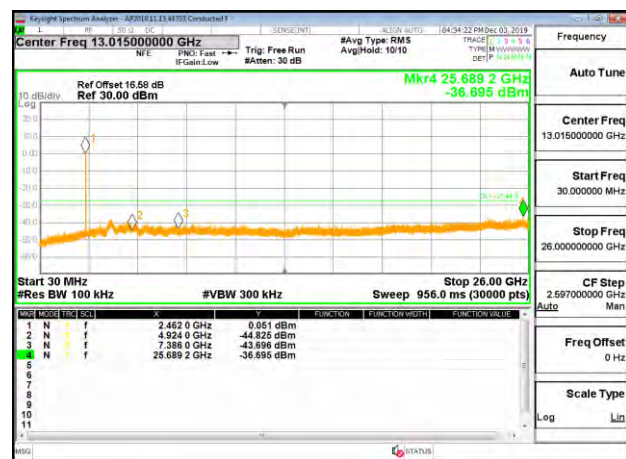
HIGH CHANNEL 10 BANDEDGE LAT 3



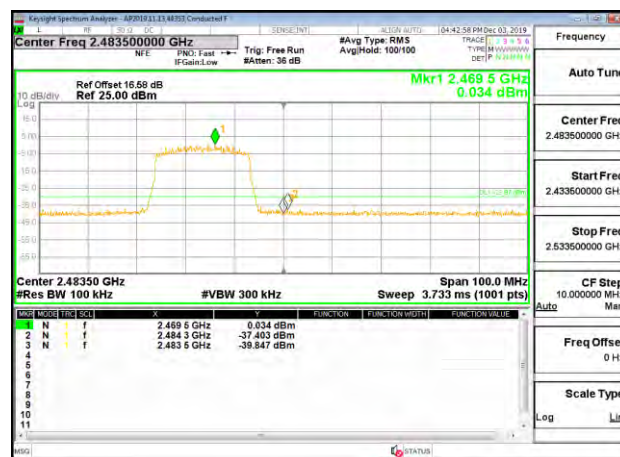
OUT-OF-BAND HIGH CHANNEL 10 LAT 3



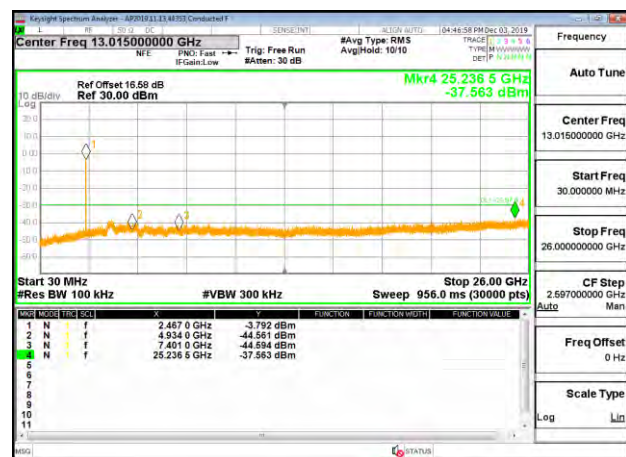
HIGH CHANNEL 11 BANDEDGE LAT 3



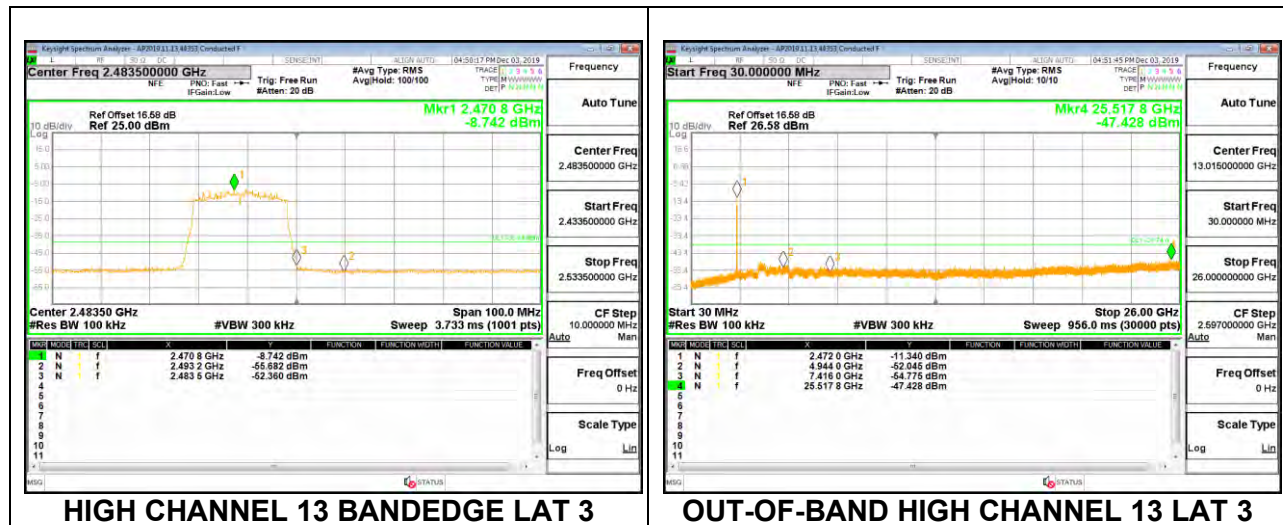
OUT-OF-BAND HIGH CHANNEL 11 LAT 3



HIGH CHANNEL 12 BANDEDGE LAT 3



OUT-OF-BAND HIGH CHANNEL 12 LAT 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.

For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel), parallel and perpendicular are the worst orientations, therefore testing was performed on these two orientations only. No emission was found.

KDB 414788 Open Field Site(OFS) and Chamber Correlation Justification

Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

OFS and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

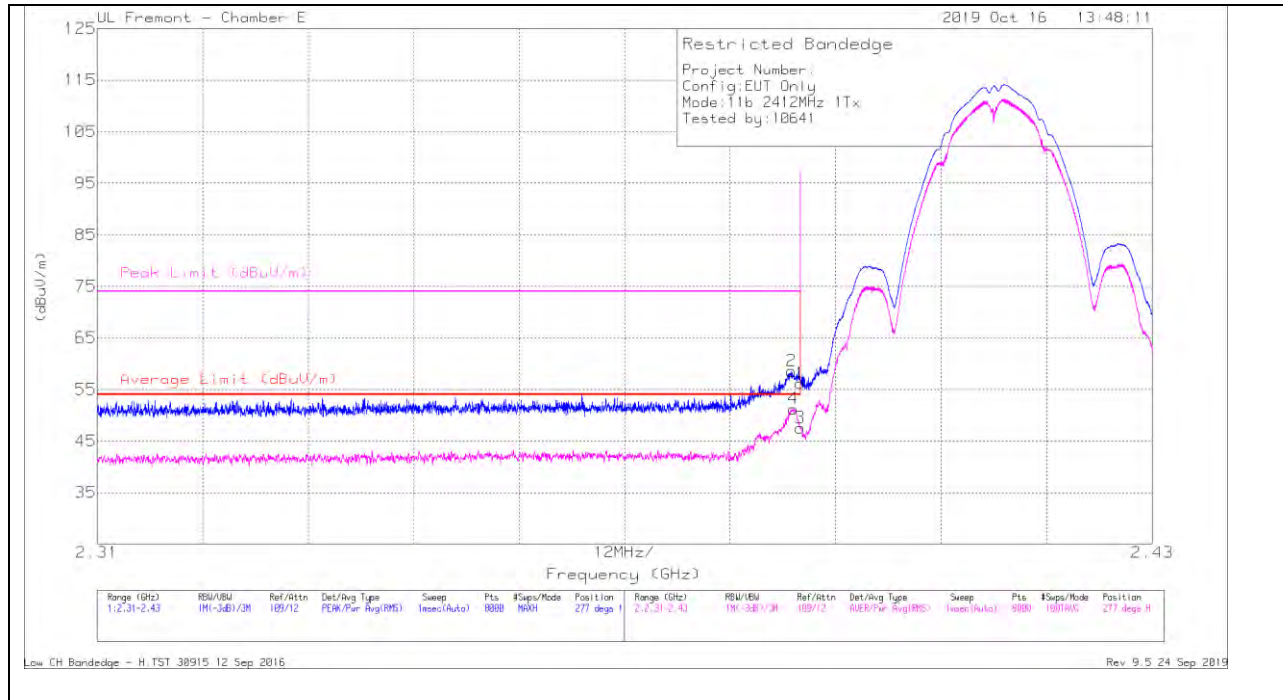
9.1. TRANSMITTER ABOVE 1 GHz

9.1.1. TX ABOVE 1 GHz 802.11b MODE IN THE 2.4 GHz BAND

1TX UAT1 MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Ampl/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	* 2.38999	42.08	Pk	32.3	-18.2	56.18	-	-	74	-17.82	277	113	H
2	* 2.38896	44.48	Pk	32.3	-18.2	58.58	-	-	74	-15.42	277	113	H
3	* 2.38999	33.45	RMS	32.3	-18.2	47.55	54	-6.45	-	-	277	113	H
4	* 2.38921	37.14	RMS	32.3	-18.2	51.24	54	-2.76	-	-	277	113	H

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

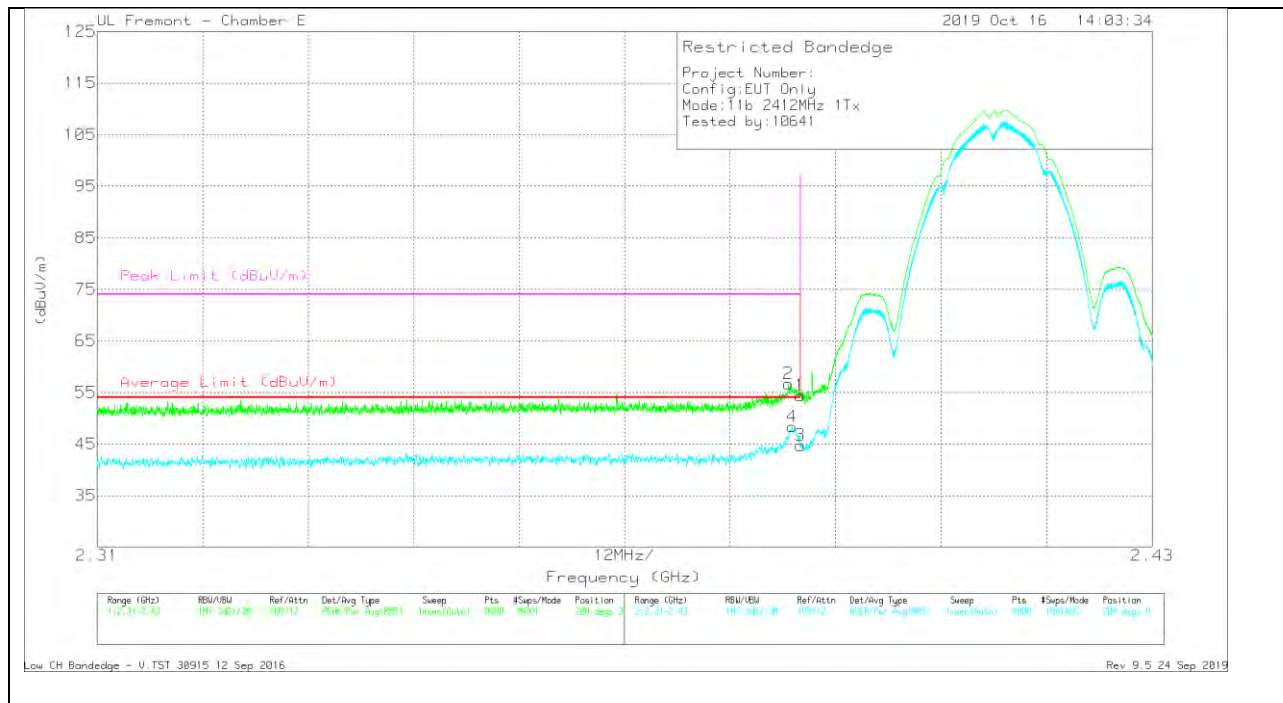
Pk - Peak detector

RMS - RMS detection

Low CH Bandedge - H.TST 30915 12 Sep 2016

Rev 9.5 24 Sep 2019

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	* 2.38999	40.28	Pk	32.3	-18.2	54.38	-	-	74	-19.62	208	372	V
2	* 2.38861	42.6	Pk	32.3	-18.2	56.7	-	-	74	-17.3	208	372	V
3	* 2.38999	30.65	RMS	32.3	-18.2	44.75	54	-9.25	-	-	208	372	V
4	* 2.38903	34.24	RMS	32.3	-18.2	48.34	54	-5.66	-	-	208	372	V

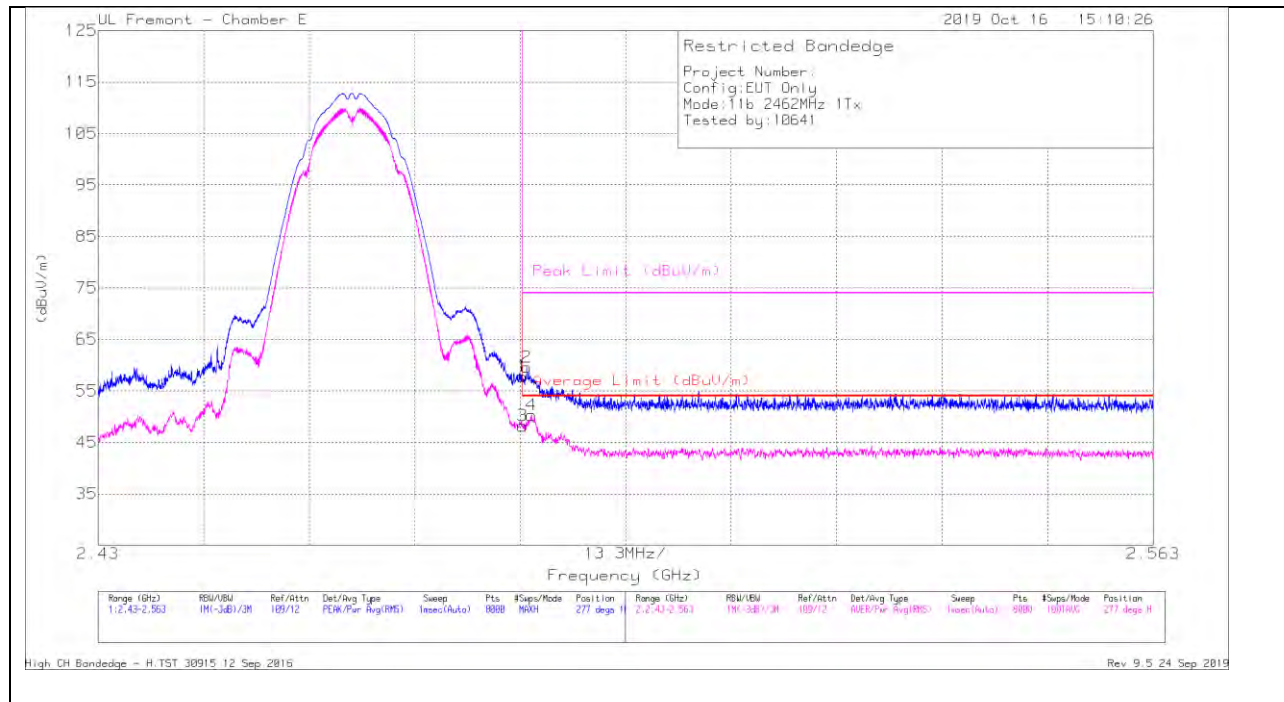
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

Low CH Bandedge - V.TST 30915 12 Sep 2016

Rev 9.5 24 Sep 2019

BANDEDGE (HIGH CHANNEL, CH 11)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Ampl/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	* 2.48351	43.04	Pk	32.8	-18	57.84	-	-	74	-16.16	277	108	H
2	* 2.484	44.82	Pk	32.8	-18	59.62	-	-	74	-14.38	277	108	H
3	* 2.48351	33.41	RMS	32.8	-18	48.21	54	-5.79	-	-	277	108	H
4	* 2.48462	35.48	RMS	32.8	-18	50.28	54	-3.72	-	-	277	108	H

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

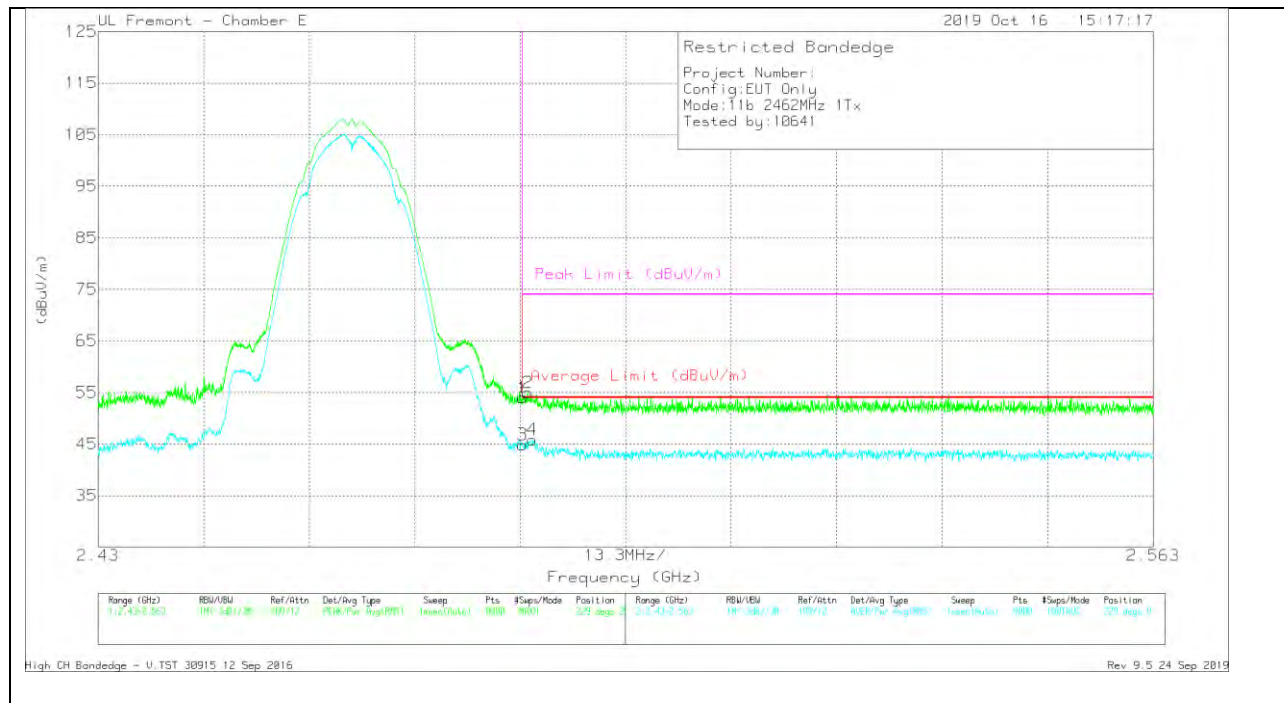
PK - Peak detector

RMS - RMS detection

High CH Bandedge - H.TST 30915 12 Sep 2016

Rev 9.5 24 Sep 2019

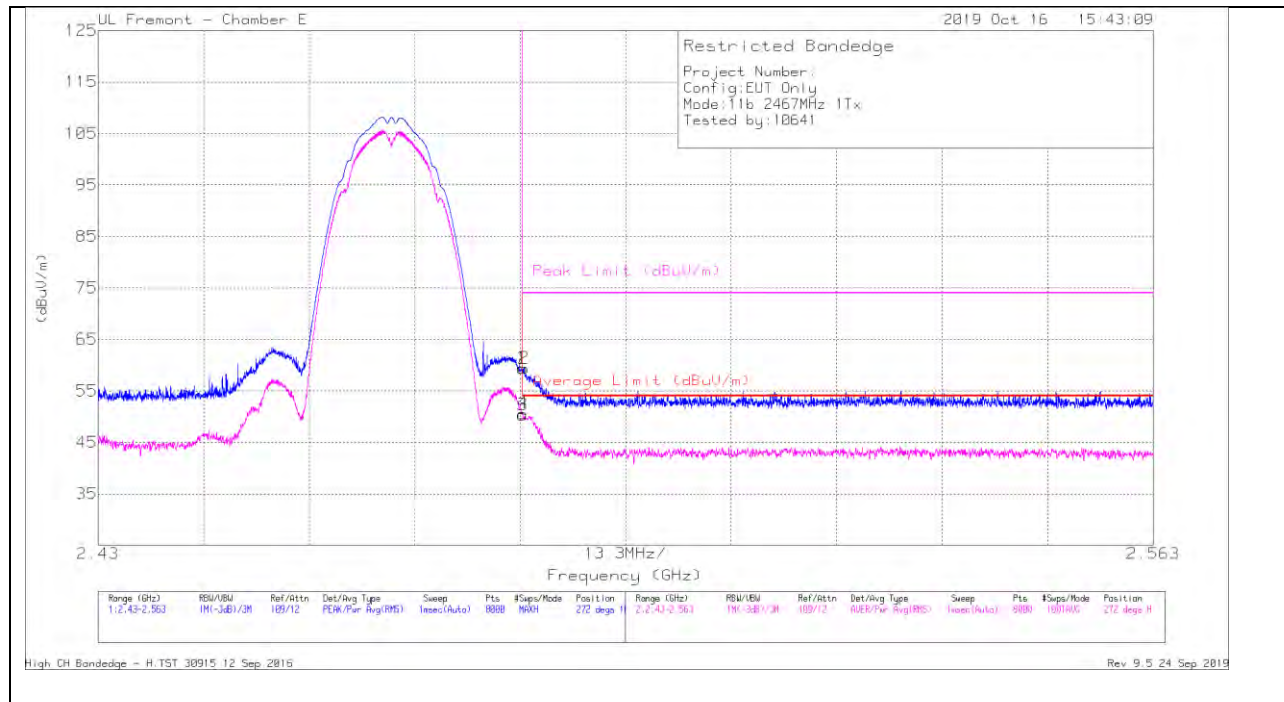
VERTICAL RESULT



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	* 2.48351	39.16	Pk	32.8	-18	53.96	-	-	74	-20.04	229	353	V
2	* 2.48415	40.14	Pk	32.8	-18	54.94	-	-	74	-19.06	229	353	V
3	* 2.48351	30.07	RMS	32.8	-18	44.87	54	-9.13	-	-	229	353	V
4	* 2.48475	31.03	RMS	32.8	-18	45.83	54	-8.17	-	-	229	353	V

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

High CH Bandedge - V.TST 30915 12 Sep 2016
Rev 9.5 24 Sep 2019

BANDEDGE (HIGH CHANNEL, CH 12)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Ampl/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	* 2.48351	44.56	Pk	32.8	-18	59.36	-	-	74	-14.64	272	108	H
2	* 2.48367	44.61	Pk	32.8	-18	59.41	-	-	74	-14.59	272	108	H
3	* 2.48351	35.57	RMS	32.8	-18	50.37	54	-3.63	-	-	272	108	H
4	* 2.48354	35.83	RMS	32.8	-18	50.63	54	-3.37	-	-	272	108	H

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

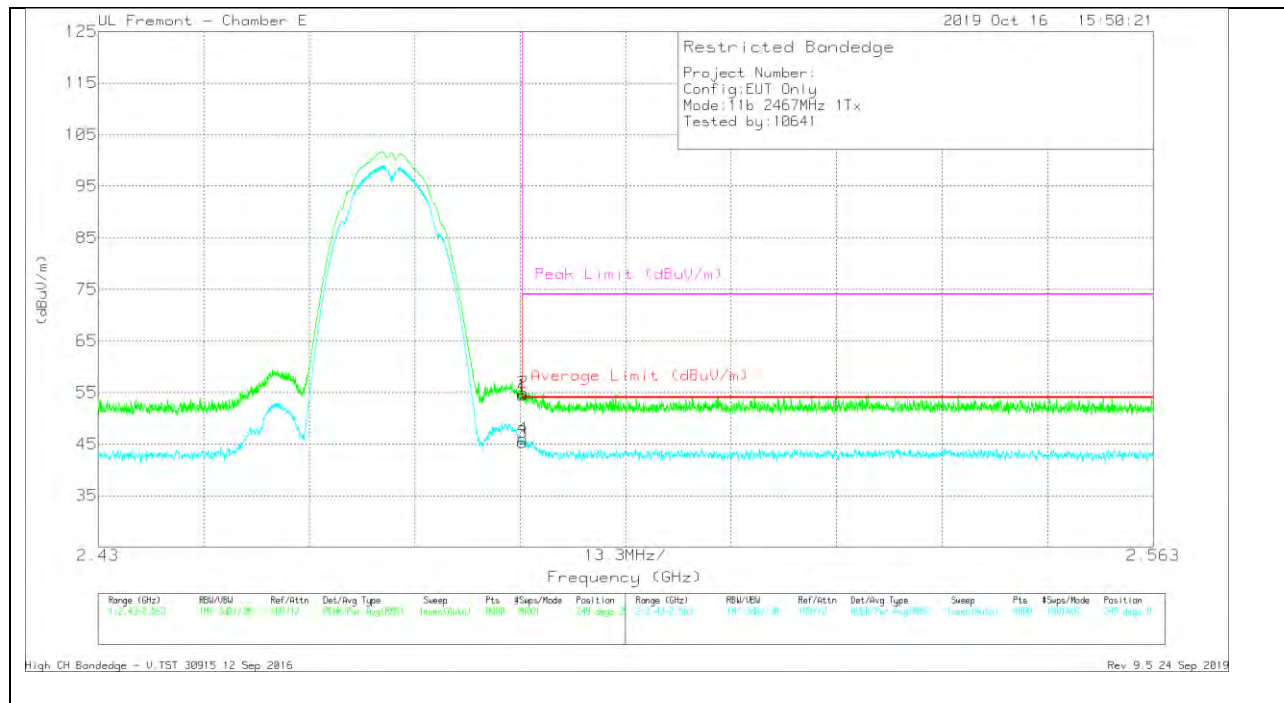
Pk - Peak detector

RMS - RMS detection

High CH Bandedge - H.TST 30915 12 Sep 2016

Rev 9.5 24 Sep 2019

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	* 2.48351	39.69	Pk	32.8	-18	54.49	-	-	74	-19.51	249	352	V
2	* 2.48359	40.13	Pk	32.8	-18	54.93	-	-	74	-19.07	249	352	V
3	* 2.48351	30.53	RMS	32.8	-18	45.33	54	-8.67	-	-	249	352	V
4	* 2.48356	31.22	RMS	32.8	-18	46.02	54	-7.98	-	-	249	352	V

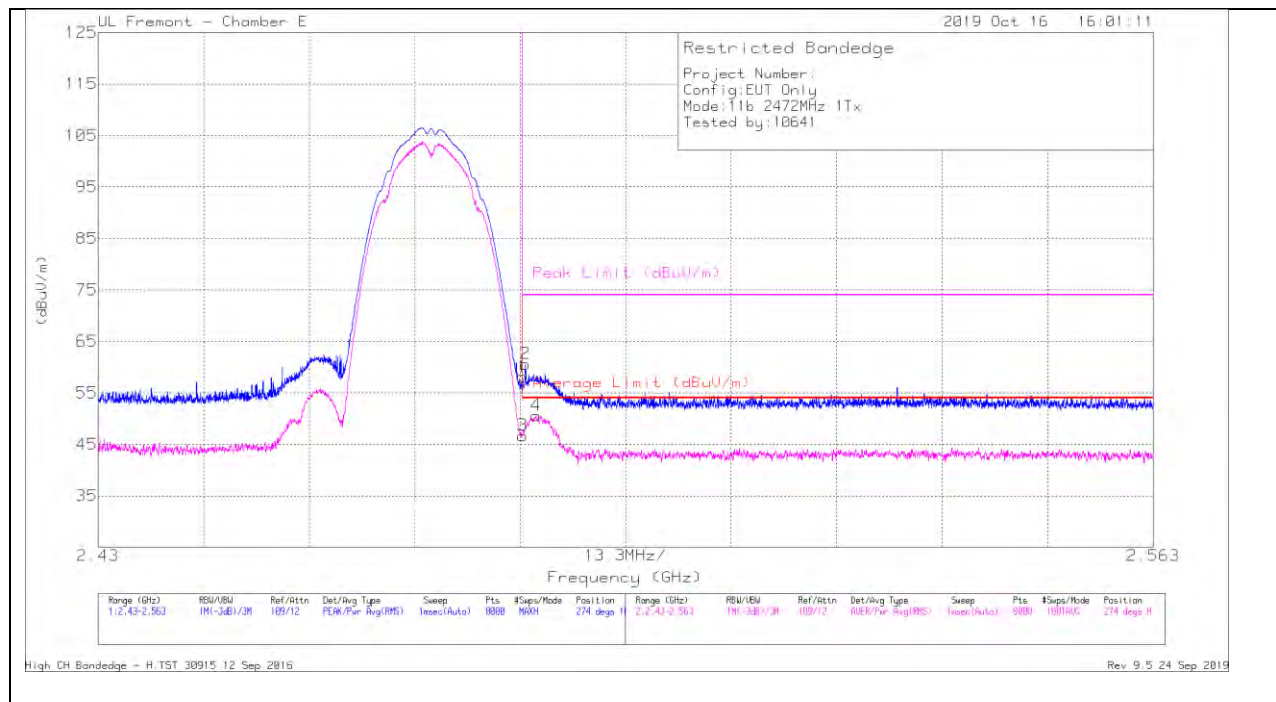
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

High CH Bandedge - V.TST 30915 12 Sep 2016

Rev 9.5 24 Sep 2019

BANDEDGE (HIGH CHANNEL, CH 13)**HORIZONTAL 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	* 2.48351	43.31	Pk	32.8	-18	58.11	-	-	74	-15.89	274	109	H
2	* 2.48389	45.85	Pk	32.8	-18	60.65	-	-	74	-13.35	274	109	H
3	* 2.48351	31.92	RMS	32.8	-18	46.72	54	-7.28	-	-	274	109	H
4	* 2.48522	35.79	RMS	32.8	-18	50.59	54	-3.41	-	-	274	109	H

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

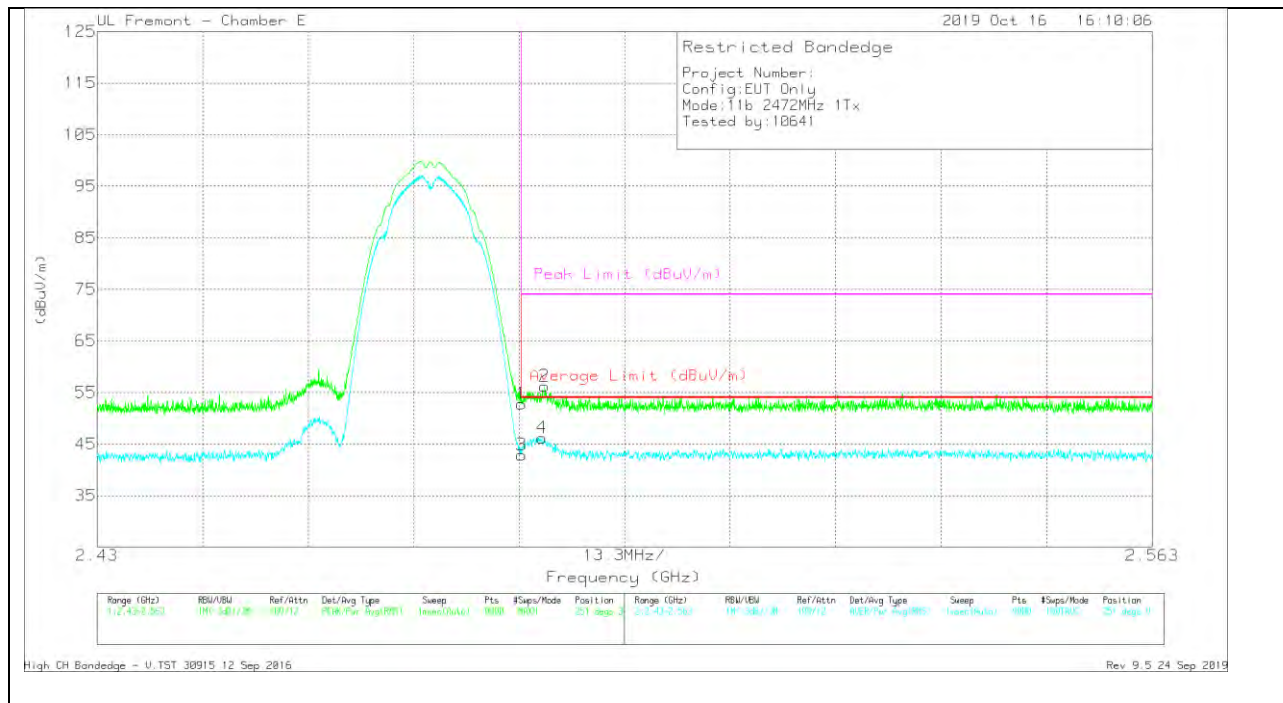
Pk - Peak detector

RMS - RMS detection

High CH Bandedge - H.TST 30915 12 Sep 2016

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (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	* 2.48351	38.03	Pk	32.8	-18	52.83	-	-	74	-21.17	251	345	V
2	* 2.48642	41.43	Pk	32.8	-18	56.23	-	-	74	-17.77	251	345	V
3	* 2.48351	28.11	RMS	32.8	-18	42.91	54	-11.09	-	-	251	345	V
4	* 2.48608	31.42	RMS	32.8	-18	46.22	54	-7.78	-	-	251	345	V

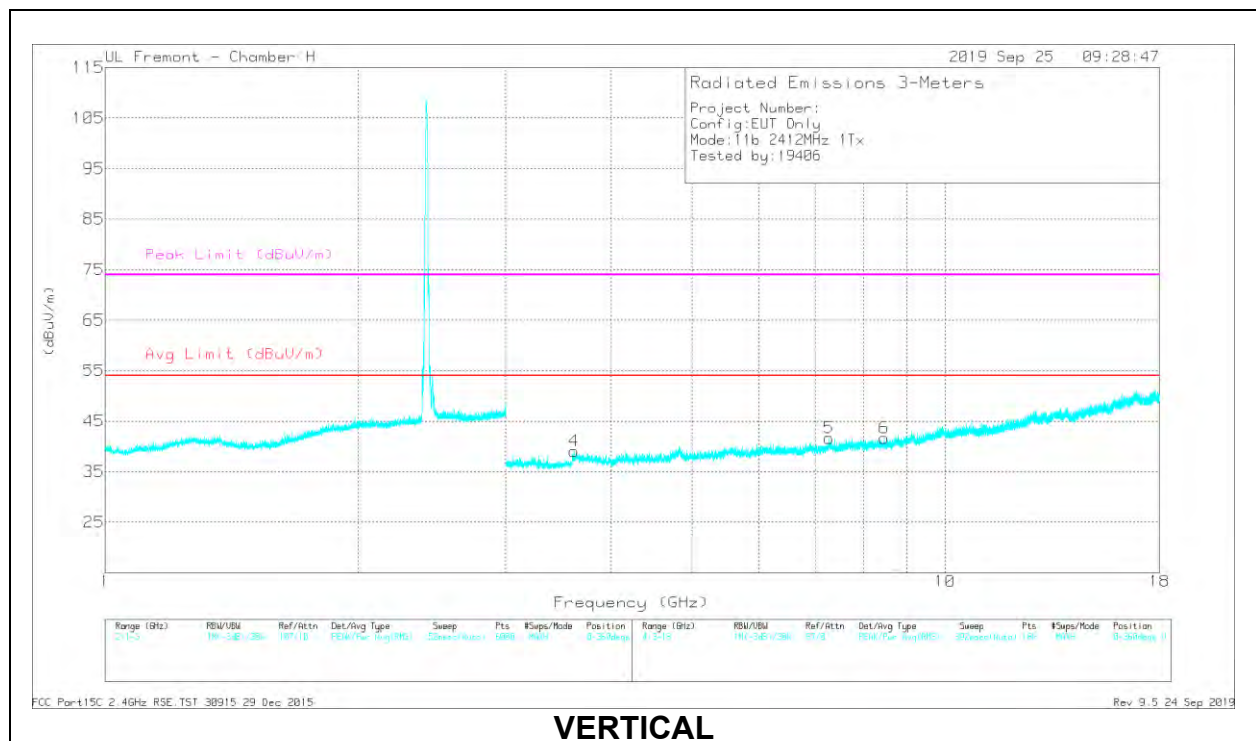
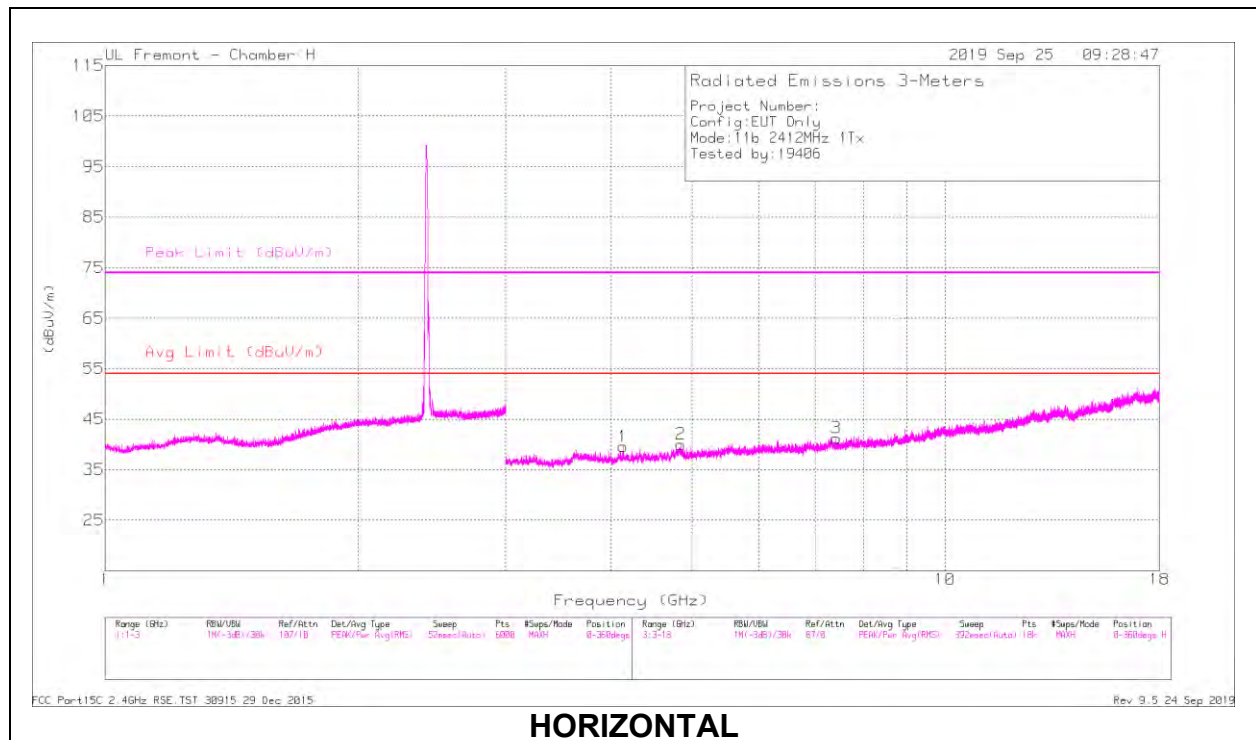
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

High CH Bandedge - V.TST 30915 12 Sep 2016

Rev 9.5 24 Sep 2019

HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL, CH 1 RESULTS**

RADIATED EMISSIONS

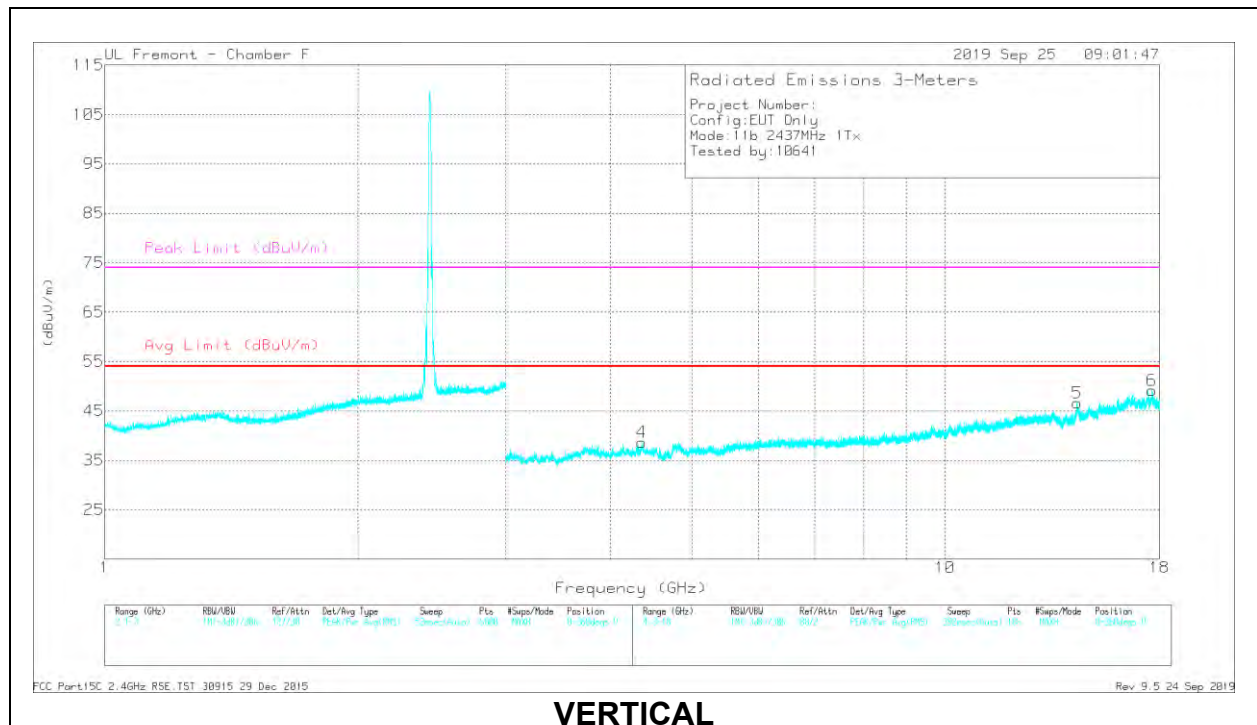
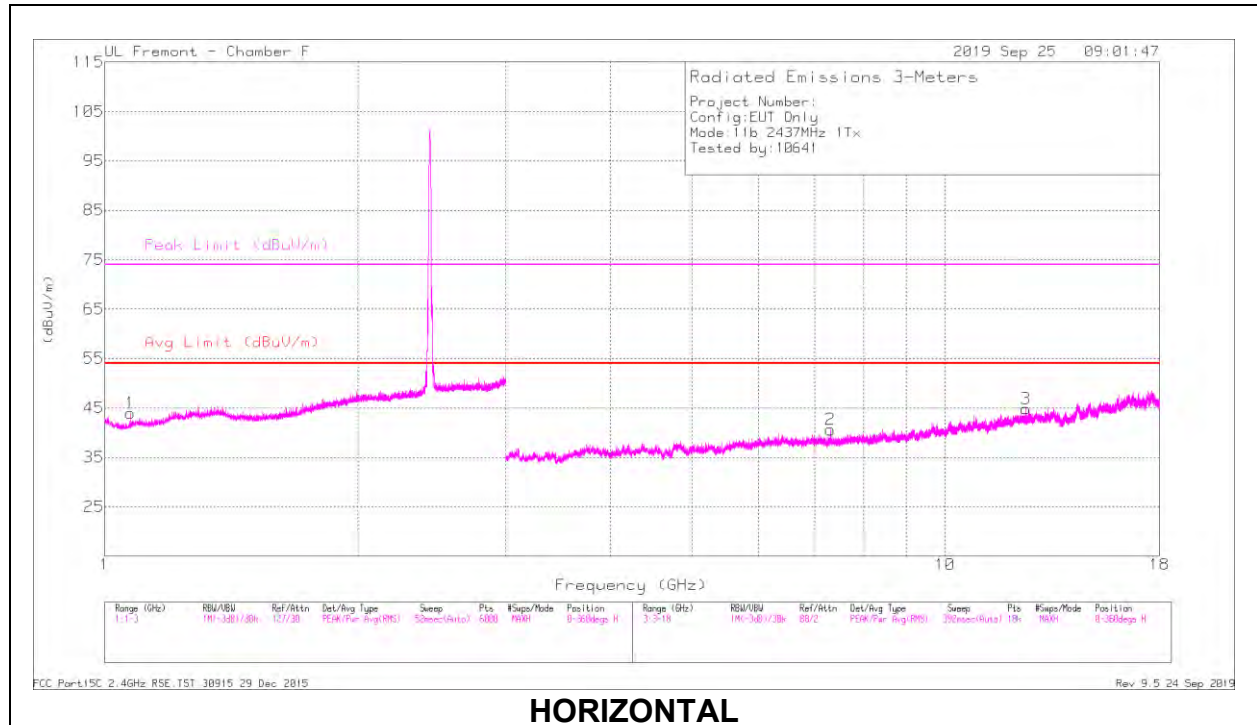
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.14007	42.49	PK2	33.5	-30.8	45.19	-	-	74	-28.81	108	377	H
	* 4.13916	31.18	MAv1	33.5	-30.8	33.88	54	-20.12	-	-	108	377	H
2	* 4.84558	41.9	PK2	34.4	-30.4	45.9	-	-	74	-28.1	354	236	H
	* 4.84493	30.23	MAv1	34.4	-30.4	34.23	54	-19.77	-	-	354	236	H
3	* 7.41989	39.04	PK2	36.1	-27.1	48.04	-	-	74	-25.96	16	261	H
	* 7.42122	27.25	MAv1	36.1	-27.1	36.25	54	-17.75	-	-	16	261	H
4	* 3.61712	41.06	PK2	33.1	-29.7	44.46	-	-	74	-29.54	178	173	V
	* 3.6175	29.75	MAv1	33.1	-29.7	33.15	54	-20.85	-	-	178	173	V
5	* 7.2775	38.74	PK2	36	-26.9	47.84	-	-	74	-26.16	40	137	V
	* 7.2791	27.92	MAv1	36	-26.9	37.02	54	-16.98	-	-	40	137	V
6	* 8.4717	38.58	PK2	36	-26.3	48.28	-	-	74	-25.72	310	70	V
	* 8.47133	27.1	MAv1	36	-26.3	36.8	54	-17.2	-	-	310	70	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



RADIATED EMISSIONS

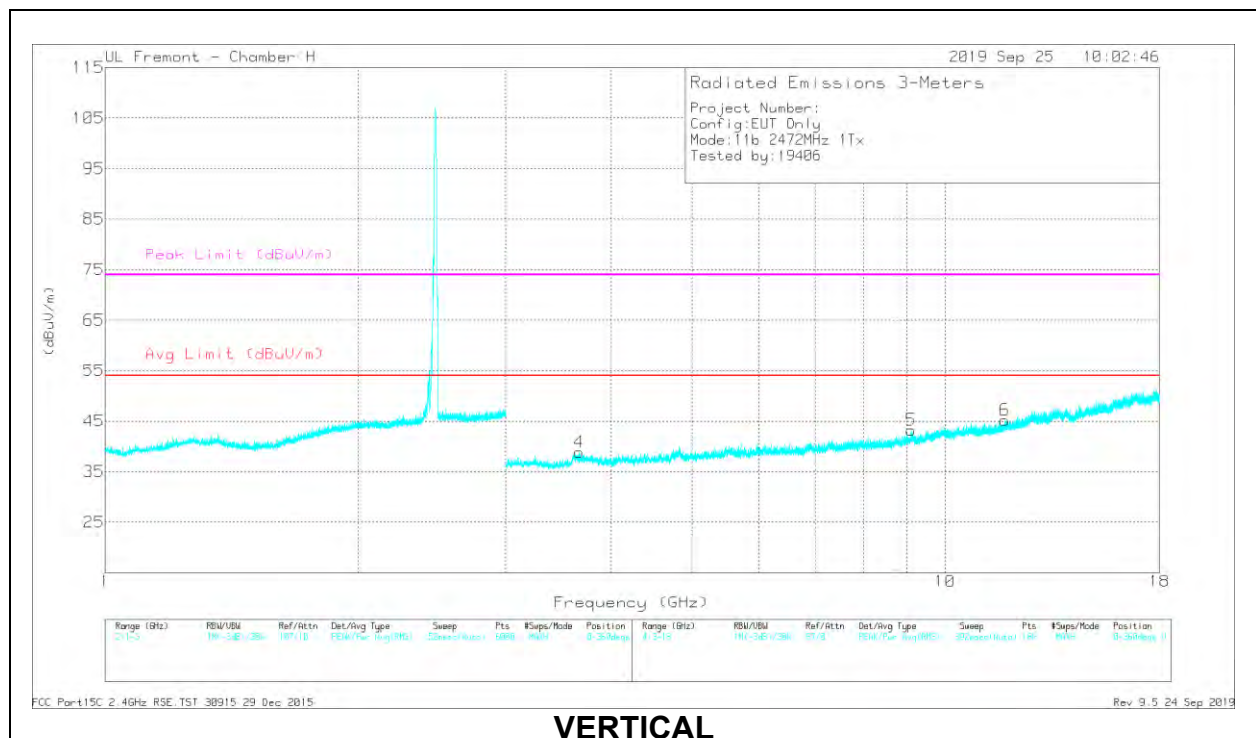
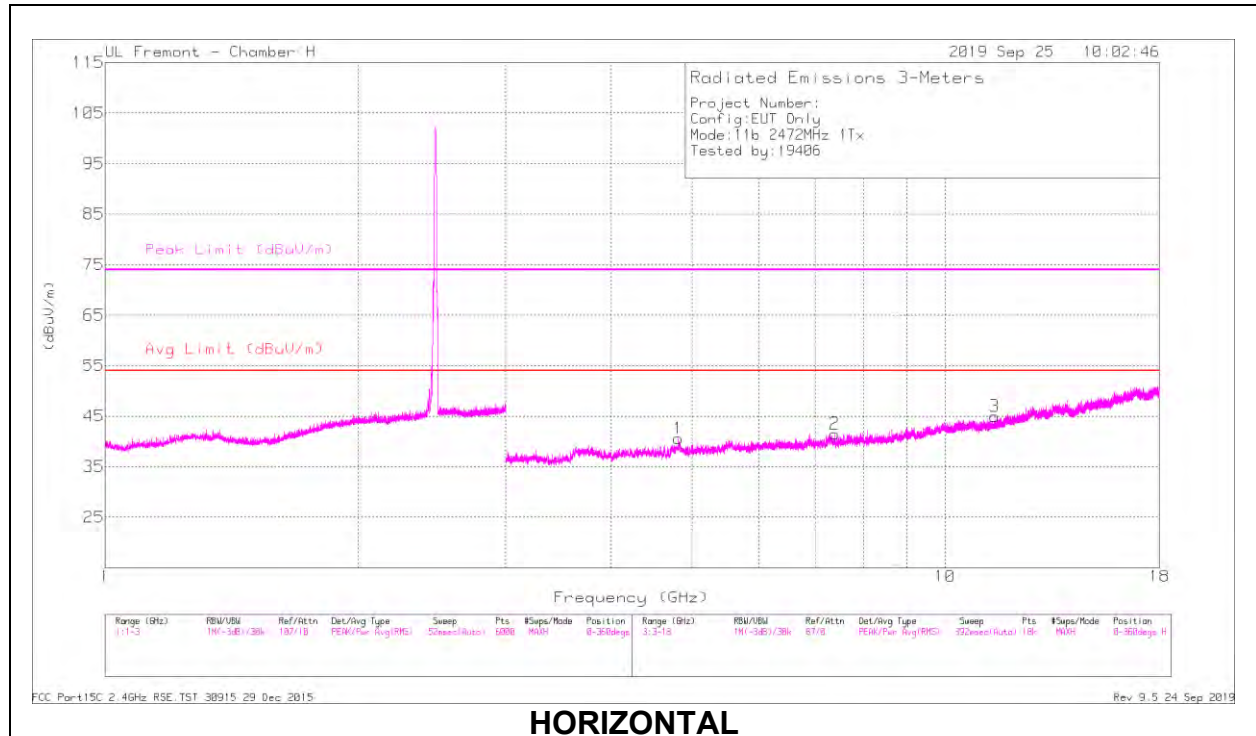
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT345 (dB/m)	Amp/Cbl/Ftr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.07079	59	PK2	27	-36.8	49.2	-	-	74	-24.8	182	198	H
	* 1.07394	47.56	MAv1	27.1	-36.8	37.86	54	-16.14	-	-	182	198	H
2	* 7.30534	50.74	PK2	35.7	-40.4	46.04	-	-	74	-27.96	304	178	H
	* 7.31293	39.76	MAv1	35.6	-40.3	35.06	54	-18.94	-	-	304	178	H
3	* 12.47569	50.25	PK2	39.2	-39.2	50.25	-	-	74	-23.75	255	188	H
	* 12.47667	39.36	MAv1	39.2	-39.2	39.36	54	-14.64	-	-	255	188	H
4	* 4.3551	55.07	PK2	33.9	-44.3	44.67	-	-	74	-29.33	167	212	V
	* 4.35593	44.16	MAv1	33.9	-44.3	33.76	54	-20.24	-	-	167	212	V
5	14.36163	50.61	PK2	39.2	-36.6	53.21	-	-	74	-20.79	204	219	V
6	17.62513	50.36	PK2	41.5	-36.3	55.56	-	-	74	-18.44	179	239	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 13 RESULTS



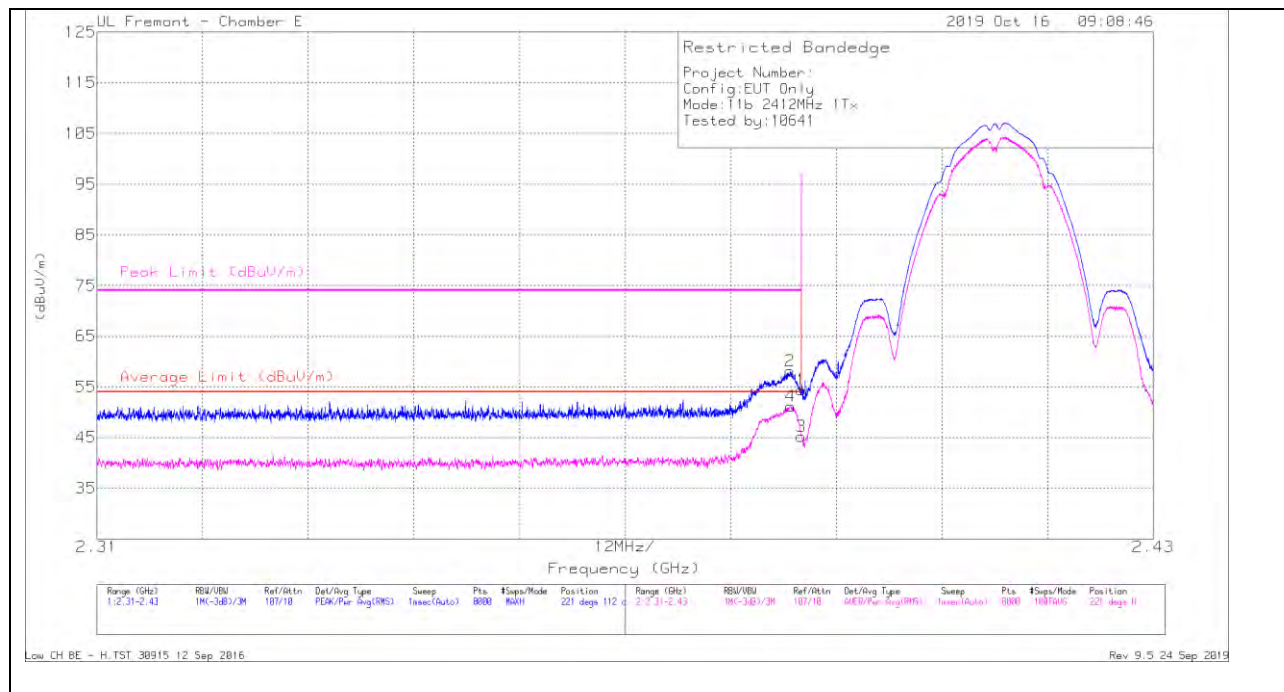
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.81491	41.68	PK2	34.4	-30.3	45.78	-	-	74	-28.22	66	355	H
	* 4.81424	30.59	MAv1	34.4	-30.3	34.69	54	-19.31	-	-	66	355	H
2	* 7.39053	38.25	PK2	36.1	-27.1	47.25	-	-	74	-26.75	181	136	H
	* 7.38946	27.28	MAv1	36.1	-27	36.38	54	-17.62	-	-	181	136	H
3	* 11.4566	35.91	PK2	38.2	-23.1	51.01	-	-	74	-22.99	225	367	H
	* 11.45628	25.02	MAv1	38.2	-23.1	40.12	54	-13.88	-	-	225	367	H
4	* 3.66831	41.39	PK2	33.1	-30	44.49	-	-	74	-29.51	48	293	V
	* 3.66977	30.09	MAv1	33.1	-30	33.19	54	-20.81	-	-	48	293	V
5	* 9.11937	36.88	PK2	36.3	-23.7	49.48	-	-	74	-24.52	153	218	V
	* 9.11713	25.47	MAv1	36.3	-23.6	38.17	54	-15.83	-	-	153	218	V
6	* 11.78346	35.82	PK2	38.4	-22.9	51.32	-	-	74	-22.68	332	153	V
	* 11.78266	25.06	MAv1	38.4	-22.9	40.56	54	-13.44	-	-	332	153	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

1TX LAT3 MODE**BANDEDGE (LOW CHANNEL, CH 1)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (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	* 2.38999	48.27	Pk	32.3	-26.2	54.37	-	-	74	-19.63	221	112	H
2	* 2.38875	52.04	Pk	32.3	-26.2	58.14	-	-	74	-15.86	221	112	H
3	* 2.38999	39.06	RMS	32.3	-26.2	45.16	54	-8.84	-	-	221	112	H
4	* 2.38881	45.05	RMS	32.3	-26.2	51.15	54	-2.85	-	-	221	112	H

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

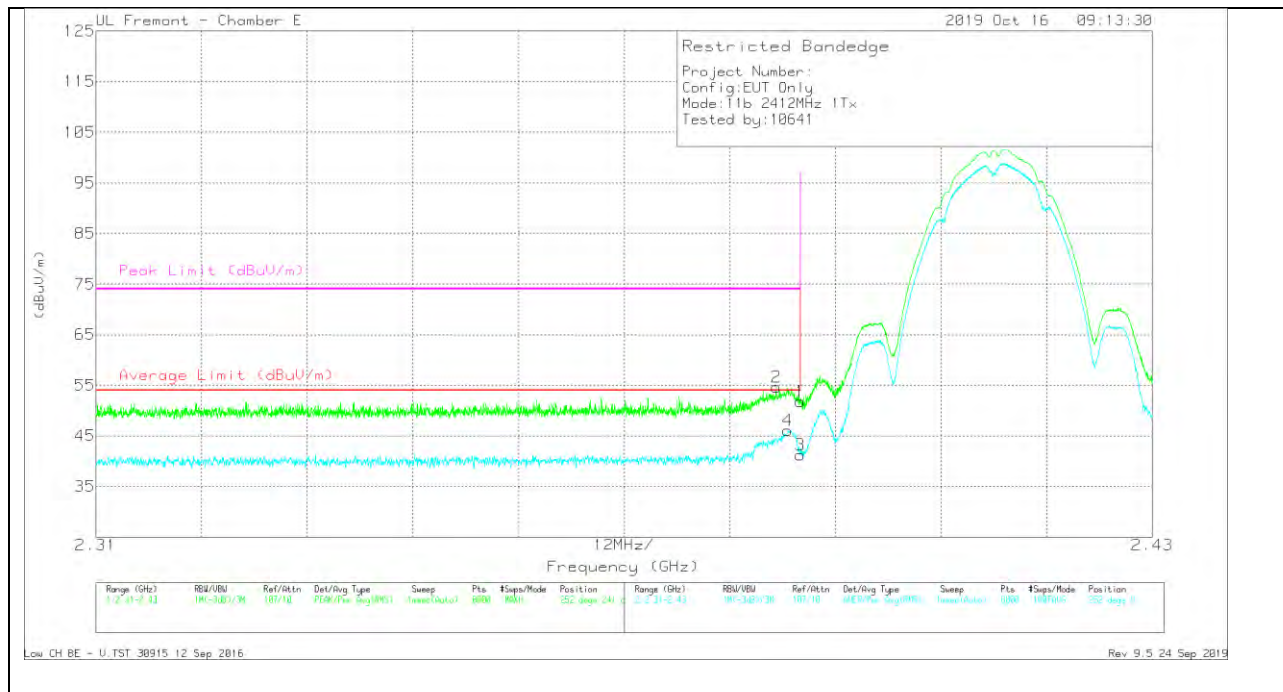
Pk - Peak detector

RMS - RMS detection

Low CH BE - H.TST 30915 12 Sep 2016

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/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	* 2.38999	45.72	Pk	32.3	-26.2	51.82	-	-	74	-22.18	252	241	V
2	* 2.38732	48.48	Pk	32.3	-26.2	54.58	-	-	74	-19.42	252	241	V
3	* 2.38999	35.16	RMS	32.3	-26.2	41.26	54	-12.74	-	-	252	241	V
4	* 2.3886	39.92	RMS	32.3	-26.2	46.02	54	-7.98	-	-	252	241	V

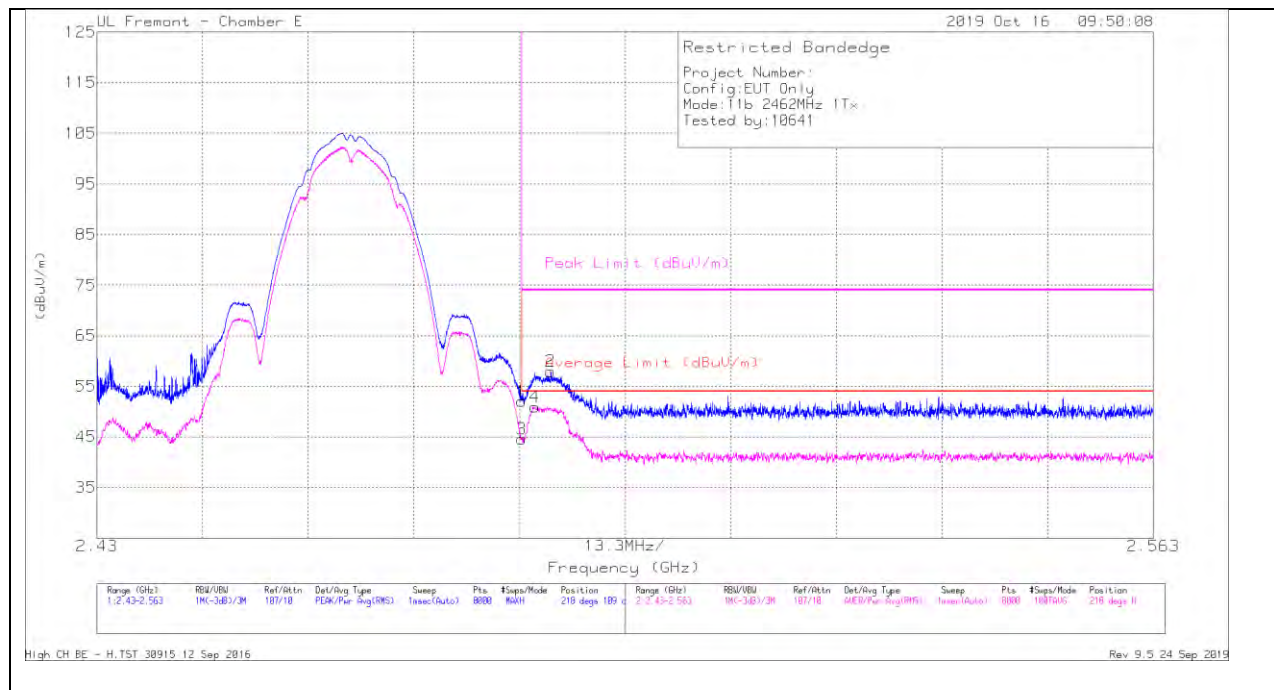
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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BANDEDGE (HIGH CHANNEL, CH 11)**HORIZONTAL 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	* 2.48351	45.44	Pk	32.8	-26.2	52.04	-	-	74	-21.96	218	109	H
2	* 2.48715	51.33	Pk	32.8	-26.2	57.93	-	-	74	-16.07	218	109	H
3	* 2.48351	37.97	RMS	32.8	-26.2	44.57	54	-9.43	-	-	218	109	H
4	* 2.48512	44.36	RMS	32.8	-26.2	50.96	54	-3.04	-	-	218	109	H

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

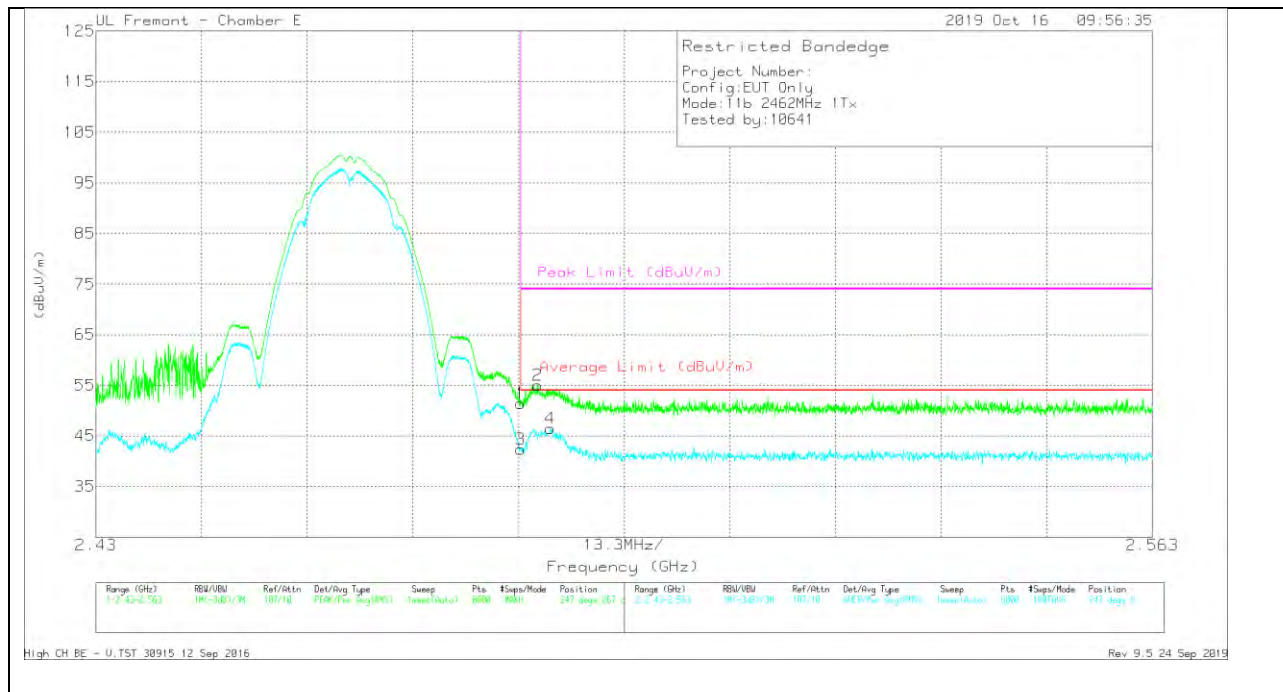
Pk - Peak detector

RMS - RMS detection

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/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	* 2.48351	44.84	Pk	32.8	-26.2	51.44	-	-	74	-22.56	247	267	V
2	* 2.48558	48.42	Pk	32.8	-26.2	55.02	-	-	74	-18.98	247	267	V
3	* 2.48351	35.77	RMS	32.8	-26.2	42.37	54	-11.63	-	-	247	267	V
4	* 2.48721	39.81	RMS	32.8	-26.2	46.41	54	-7.59	-	-	247	267	V

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

Pk - Peak detector

RMS - RMS detection

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