

Exhibit E-1

Equipment Performance Measurements & RF Proof of Performance

Carl G. Brasher

**K240BL
(FCC ID # 8824)**

**FM Translator Facility
Albuquerque, New Mexico
October 25, 2018**

INTRODUCTION & ENGINEERING STATEMENT

This Engineering Report was prepared in support of certification of K298BY's transmitting system being in compliance with CFR 47 Section 73.317 of the Rules & Regulations of the Federal Communications Commission.

The measurement equipment was set up with Good Engineering Practices.

The IFR 2399B Spectrum Analyzer was calibrated according to IFR's instructions and the unit was allowed to run for 15 minutes prior to any measurements being made.

The measurement point was a dipole antenna located approximately 25 feet from the transmitting antenna of K240BL feeding the input of the analyzer. The Analyzer was setup with 10dB of internal attenuation.

Measurements were made on the station's carrier frequency for reference purposes and to look at the occupied bandwidth for any spurious emissions.

The carrier frequency reference level was recorded and screen shots were saved and are included in this report.

All other measurements in this report are referenced to this initial carrier frequency reference level.

The report also includes measurements for the Harmonic products and frequencies were measured up to and including the 10th order and spectrum analyzer measurements are adjusted by a factor of -6dB per octave as prescribed by Good Engineering Practice.

We also conducted measurements for intermodulation products using the standard $2 \times A - B$ formula to determine intermodulation products.

As in the case herein the common intermodulation product of 119.1 MHz and 84.3 MHz were measured.

No unusual spurious emissions, carrier frequency harmonics or intermodulation products were noted on this report for K240BL's transmission system.

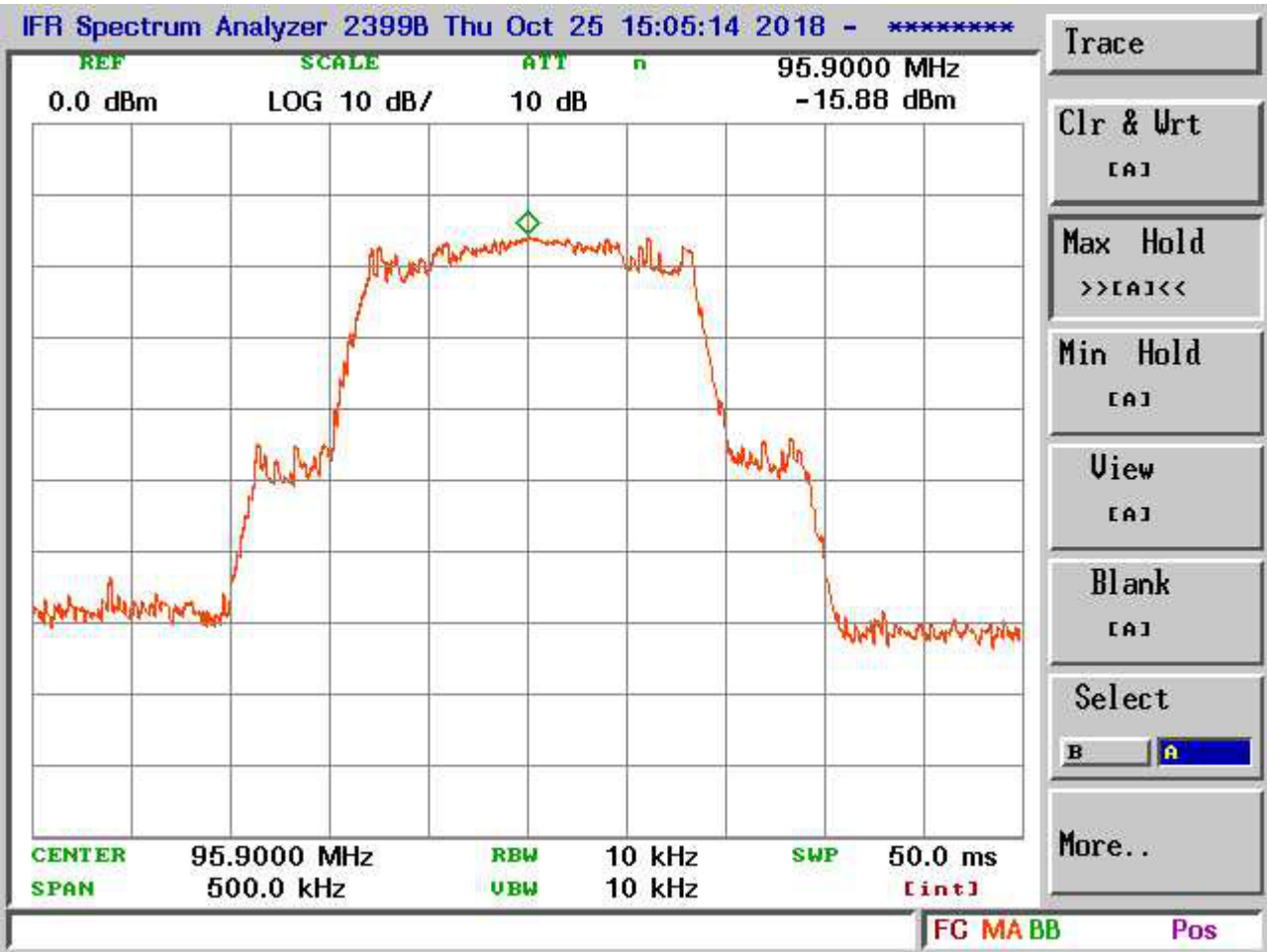
Certification

I, John Chidester hereby affirm that I conducted the measurements described herein on October 25, 2018, and found Translator Station K240BL in compliance with C.F.R. 47 Sections 73.317 (b) thru 73.317(d).

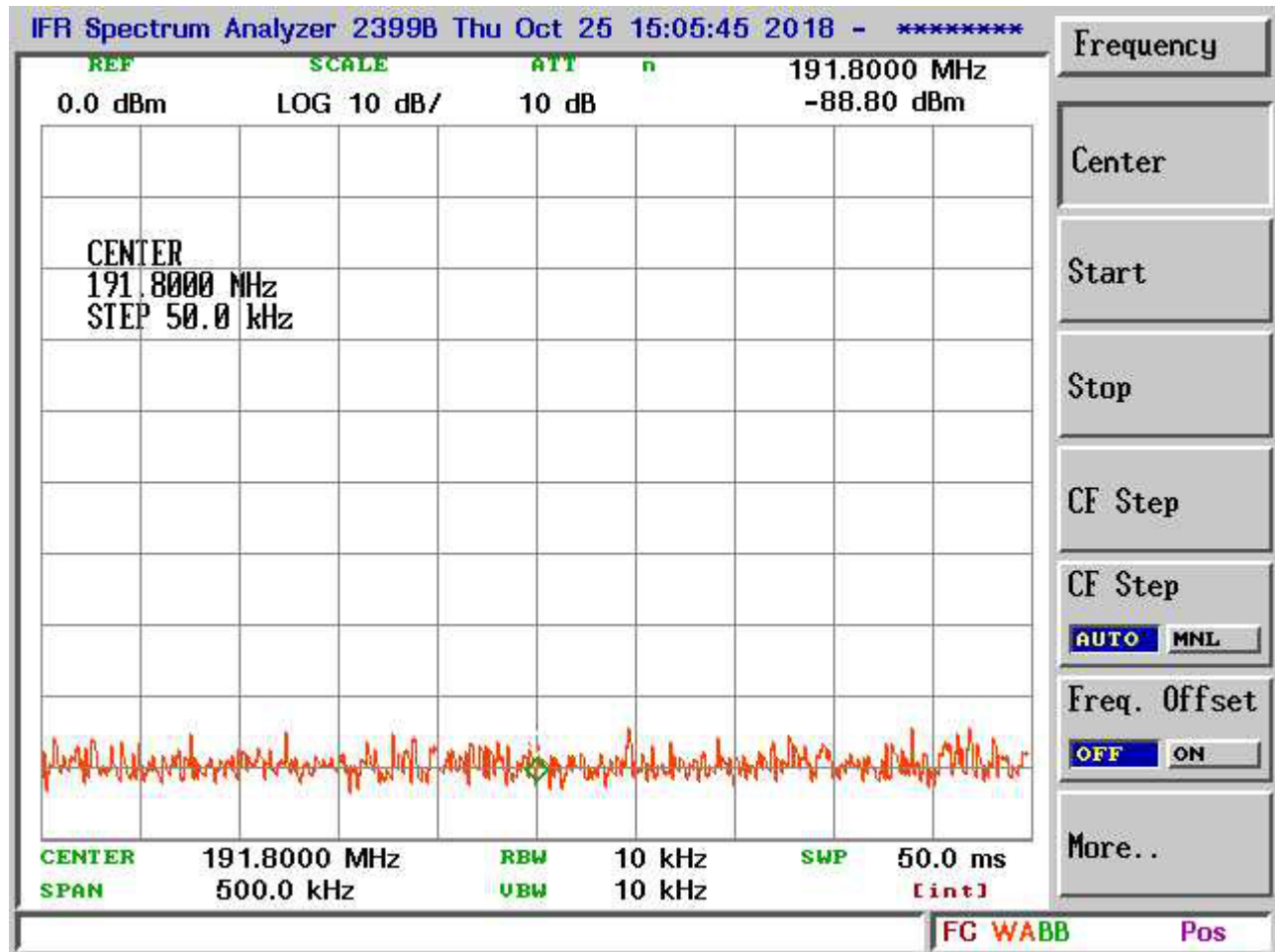
A handwritten signature in black ink, appearing to read "John Chidester", with a stylized flourish at the end.

John Chidester 10-29-2018

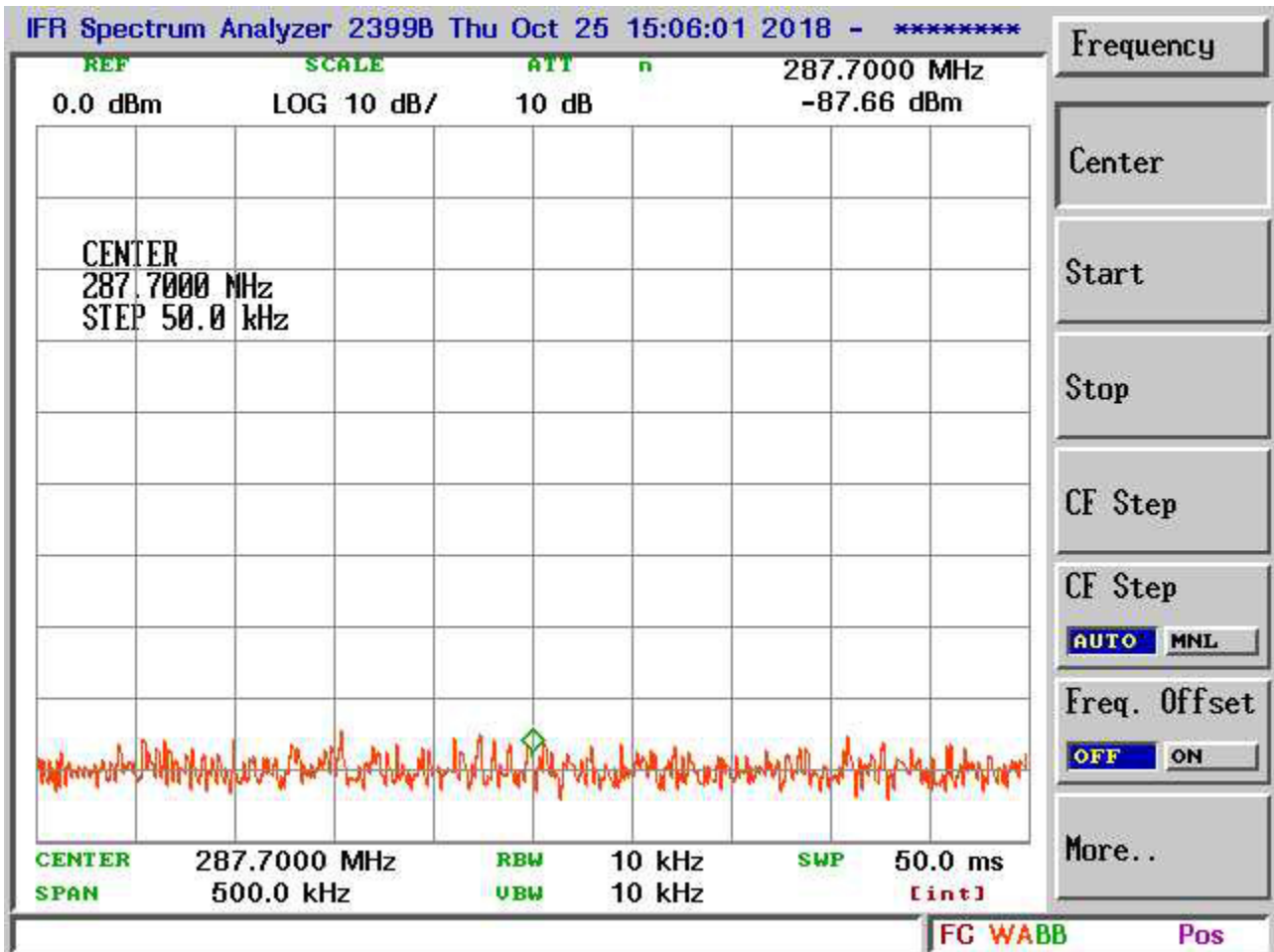
Spectrum Analyzer Screen Shots



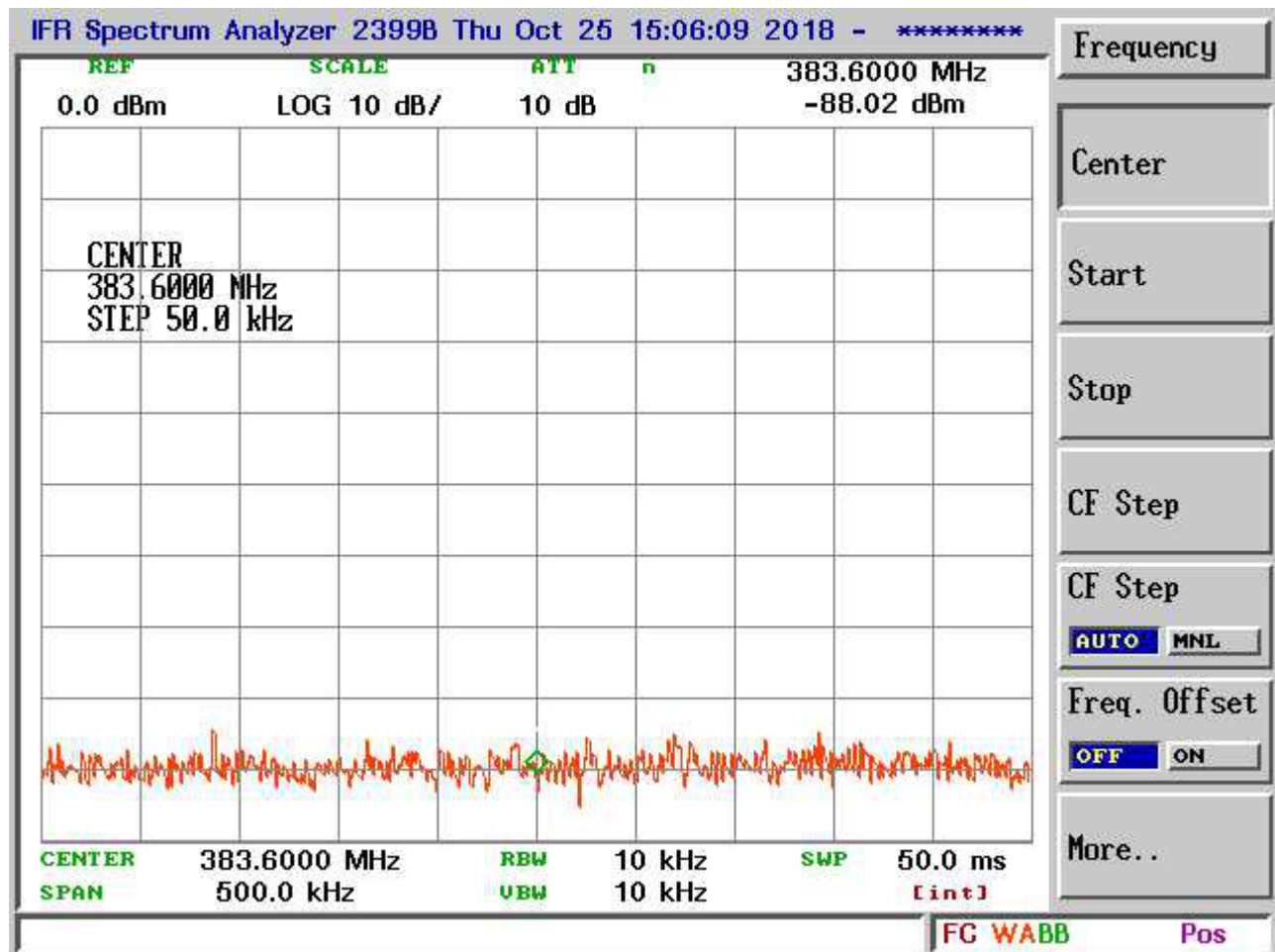
3 Minute Sample Reference Sample



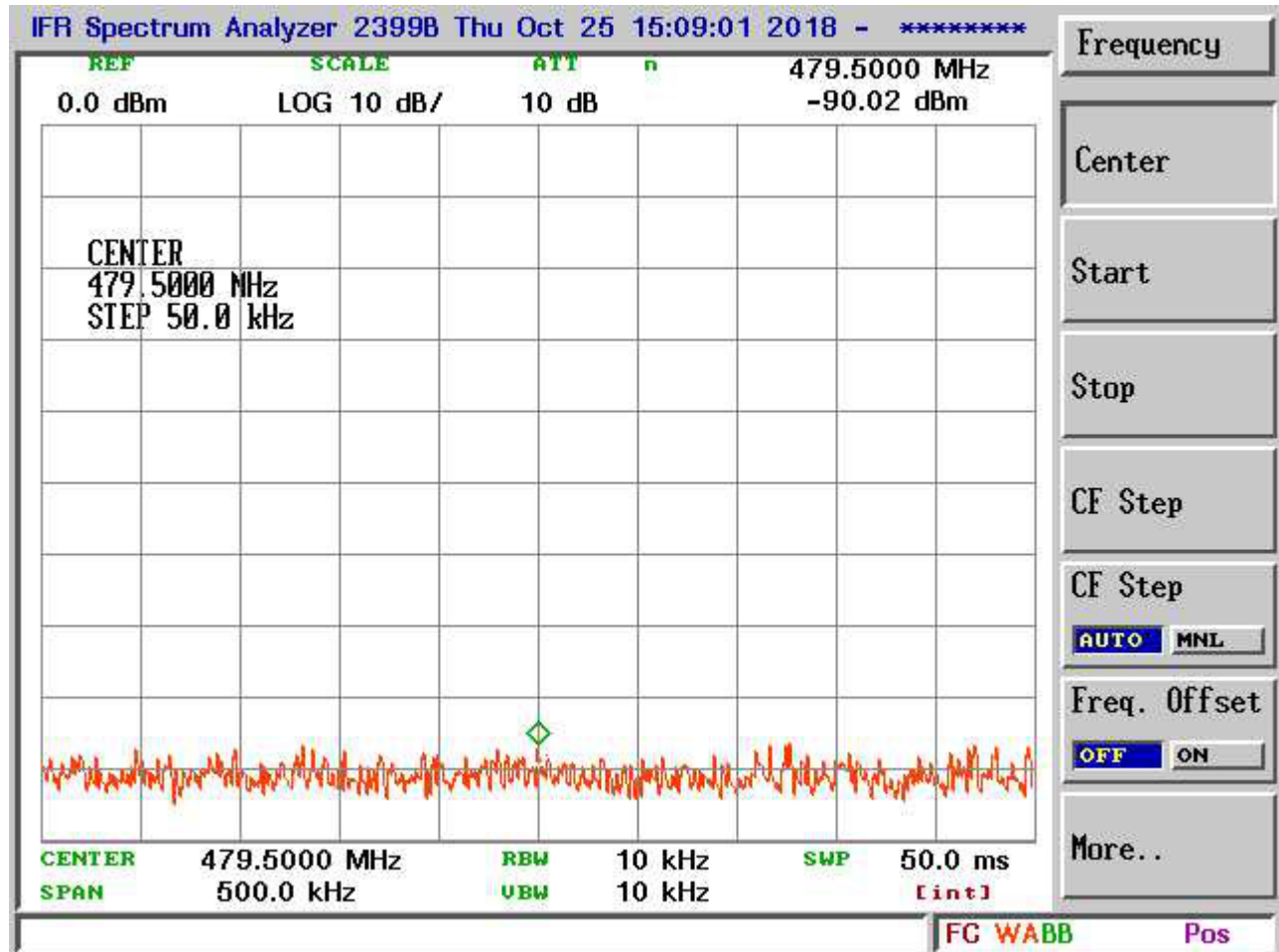
2nd Harmonic 191.9 MHz
(-88.92 dBc)



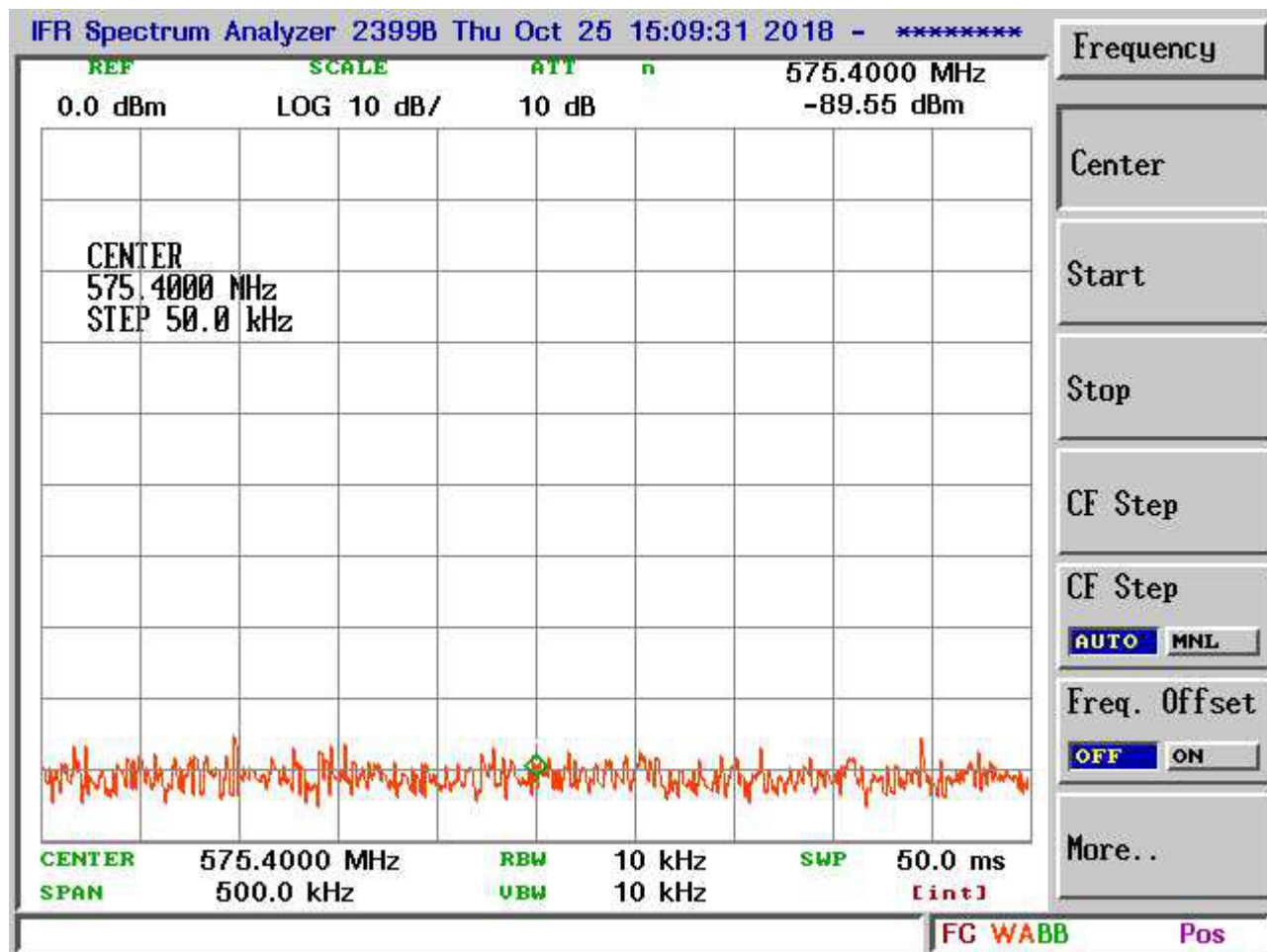
3rd Harmonic 287.70 MHz
(-99.78 dBc)



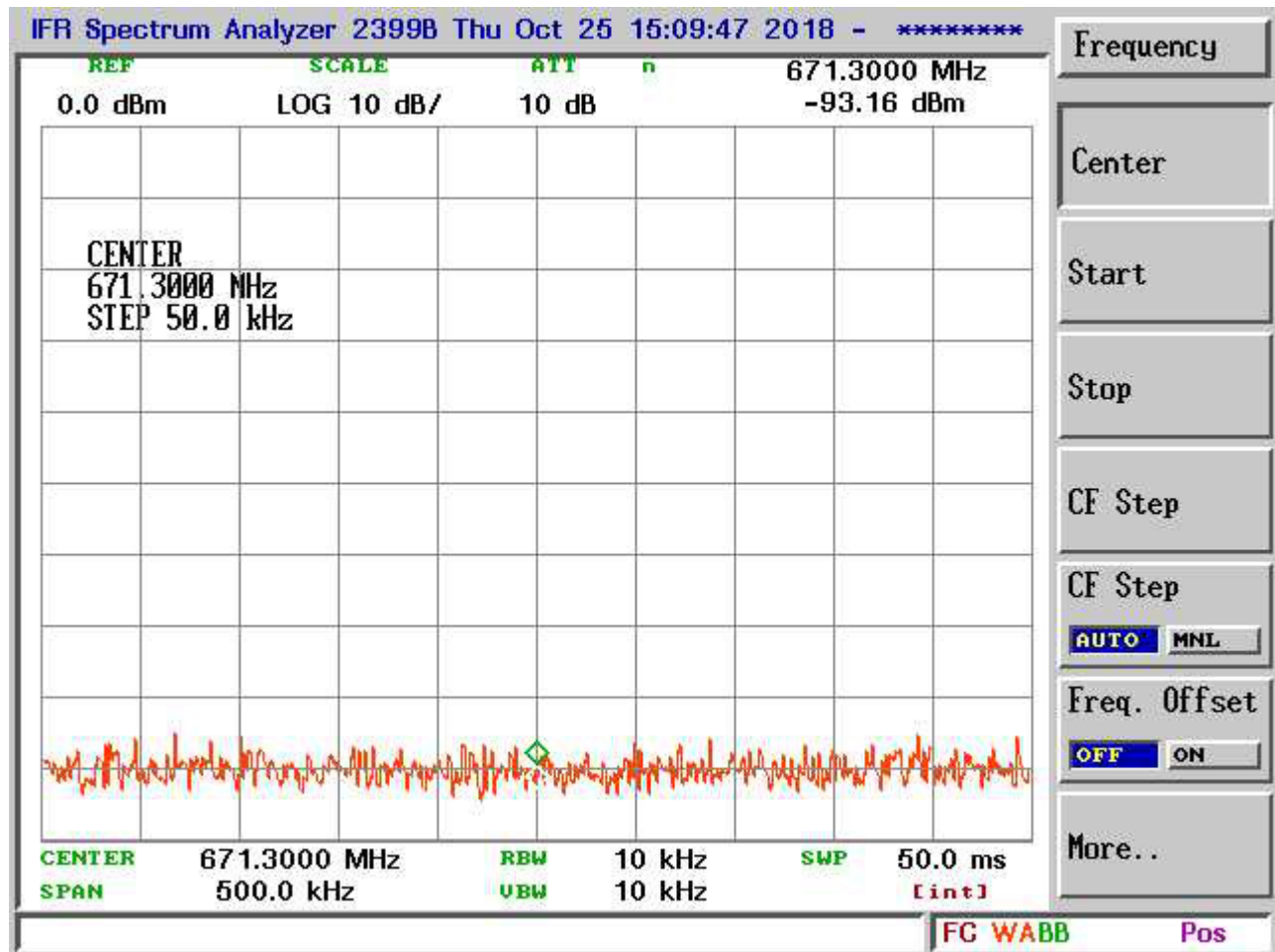
4th Harmonic 383.60 MHz
(-94.14 dBc)



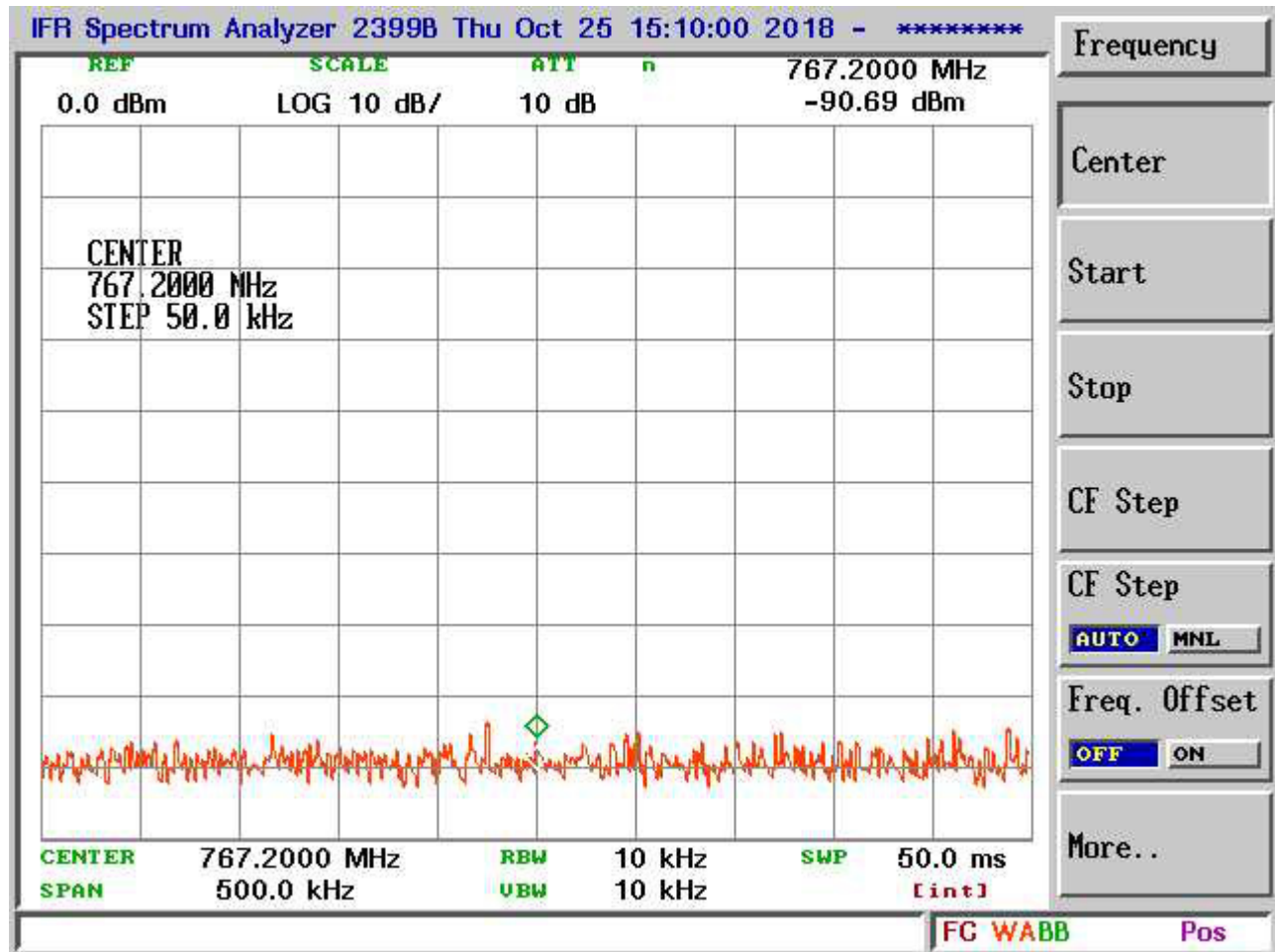
5th Harmonic 479.5 MHz
(-102.14 dBc)



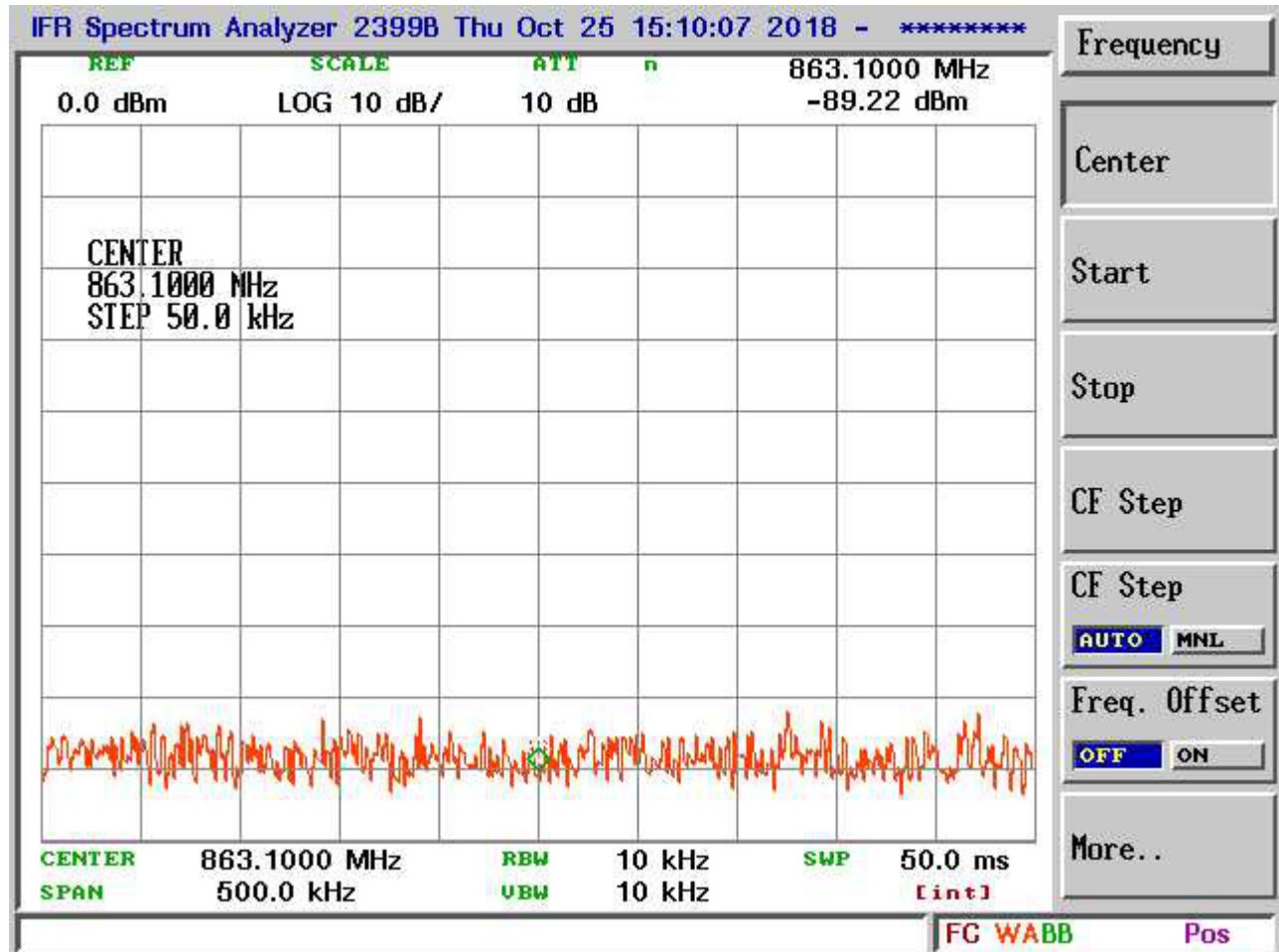
6th Harmonic 575.40 MHz
(-107.67 dBc)



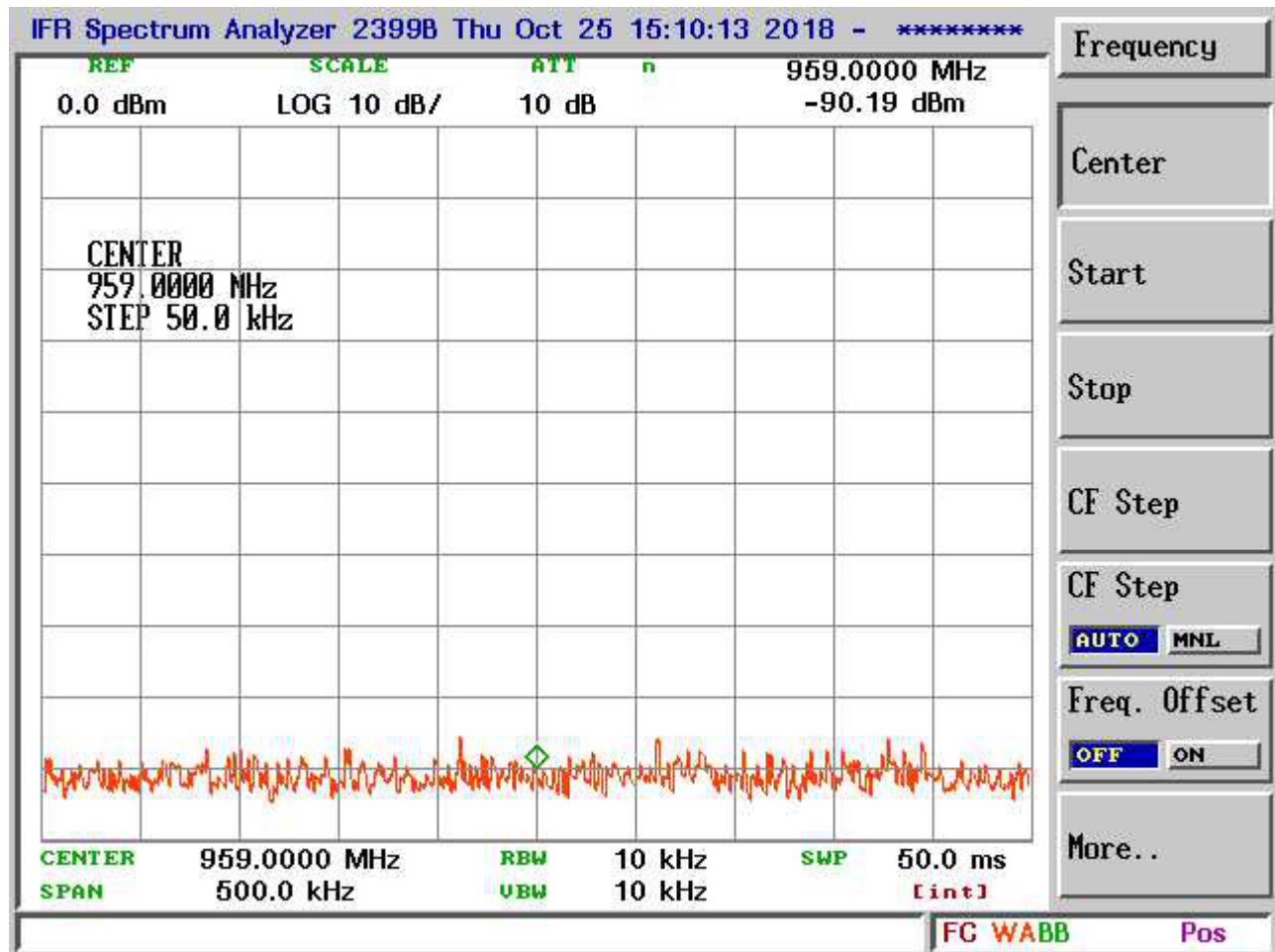
7th Harmonic 671.30 MHz
(-111.28 dBc)



8th Harmonic 767.20 MHz
(-114.81 dBc)

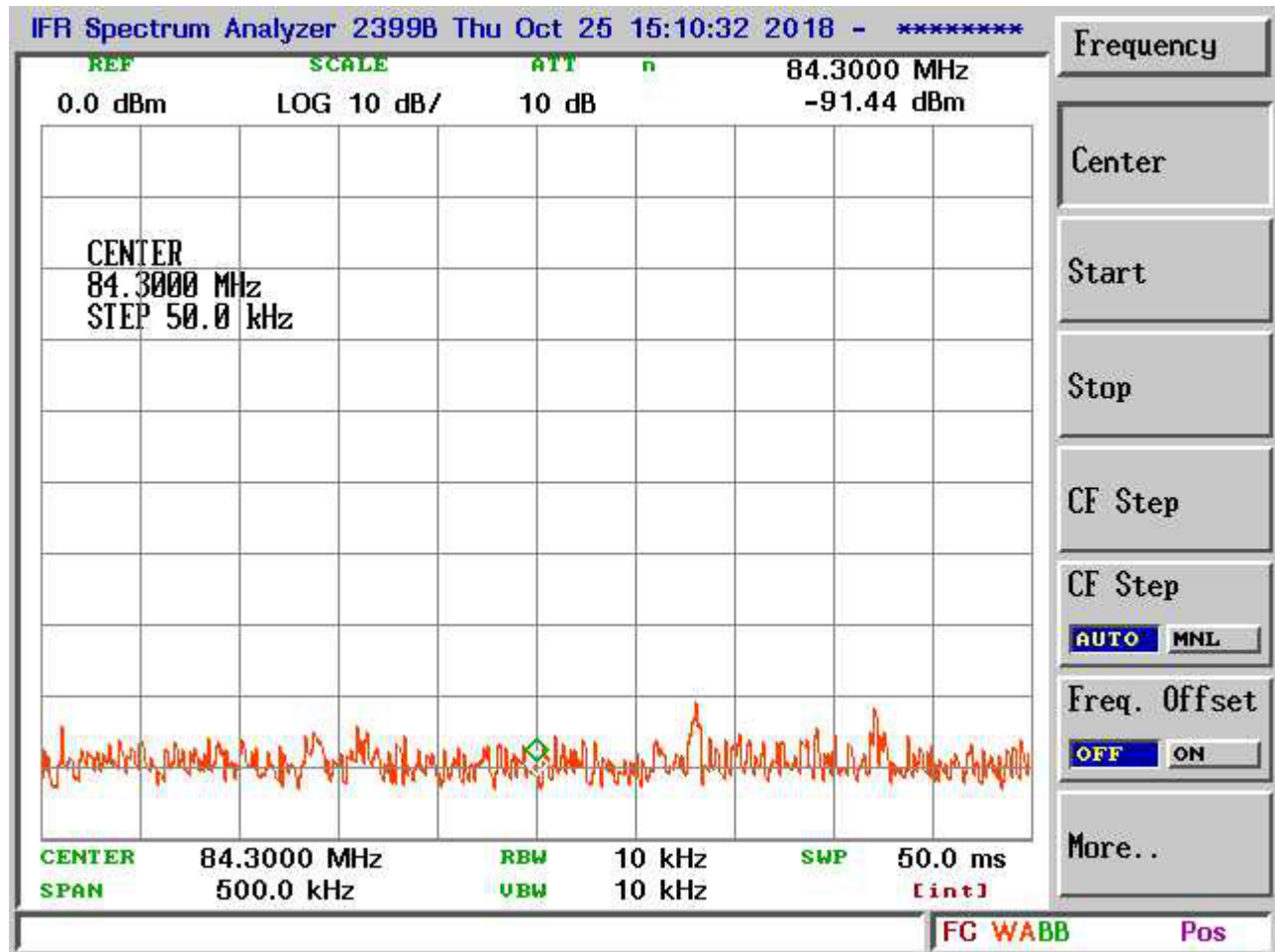


9th Harmonic 863.10 MHz
(-119.34 dBc)

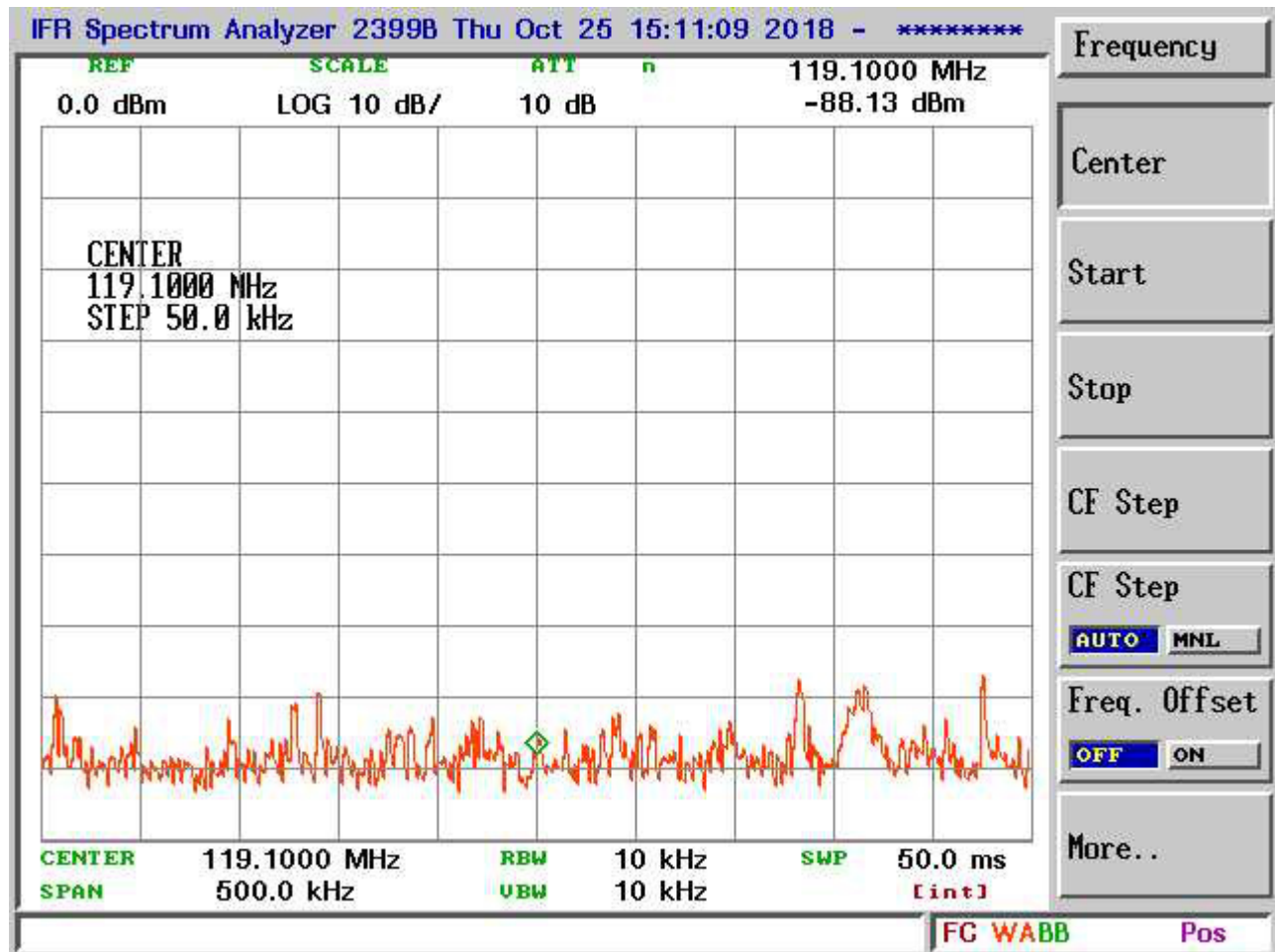


10th Harmonic 959.00 MHz
(-129.31 dBc)

Intermodulation Products Measurements



Common Intermodulation Products K240BL/K296BY
(2 X 95.9 - 107.5 = 84.3)



Common Intermodulation product K298BY/K240BL
(2 X 107.5 - 95.9 = 119.1)