

FM Proof of Performance Report

K246AM – 97.1 MHz

&

K296HH – 107.1 MHz

Licensed to Jamestown, ND

250 watts ERP / 430 watts TPO combined

Nicom BKG77 two-bay antenna

K246AM is using a Nautel VS-1 transmitter

K296HH is using a Crown FM500 transmitter

Report prepared by Jordan Bitz, Corporate Engineer for i3G Media

Measurements taken off-air using a Signal Hound USB-SA44B Spectrum Analyzer at approx. .32 km from the transmitter location (figure 1.).

Report prepared on 9-16-19



Figure 1. Measurement location

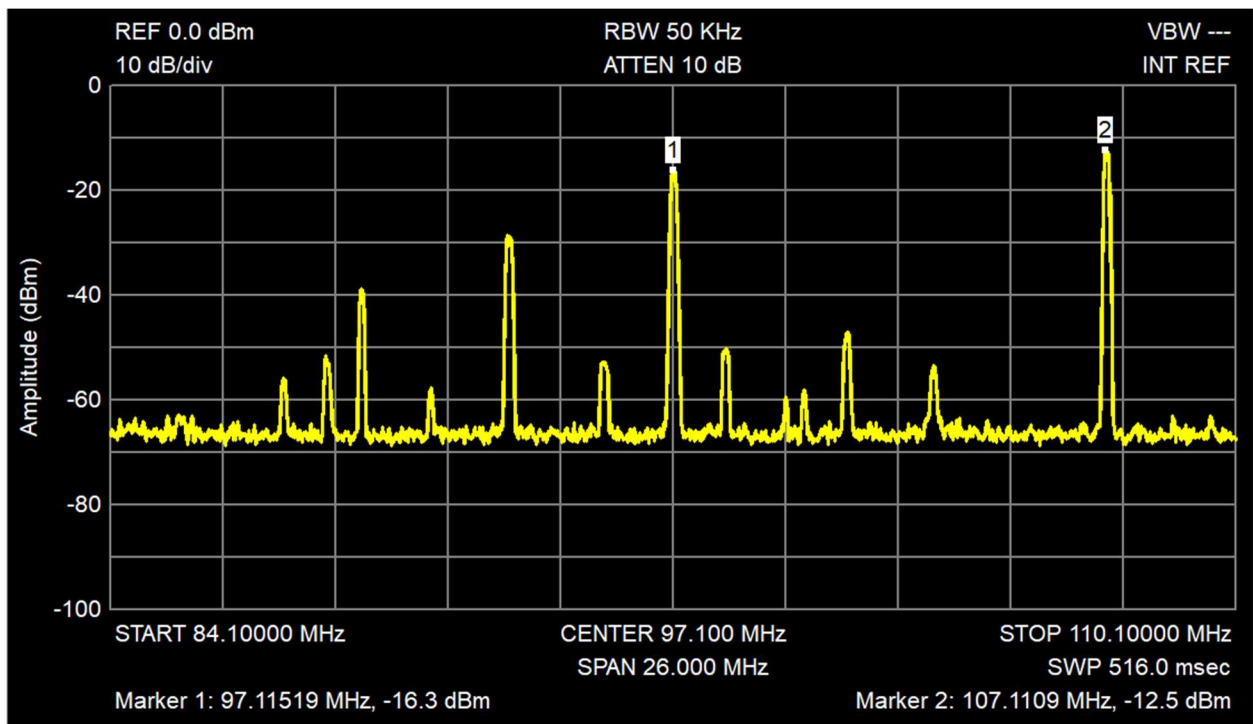


Figure 2. Scan of FM Band 88 MHz to 108 MHz

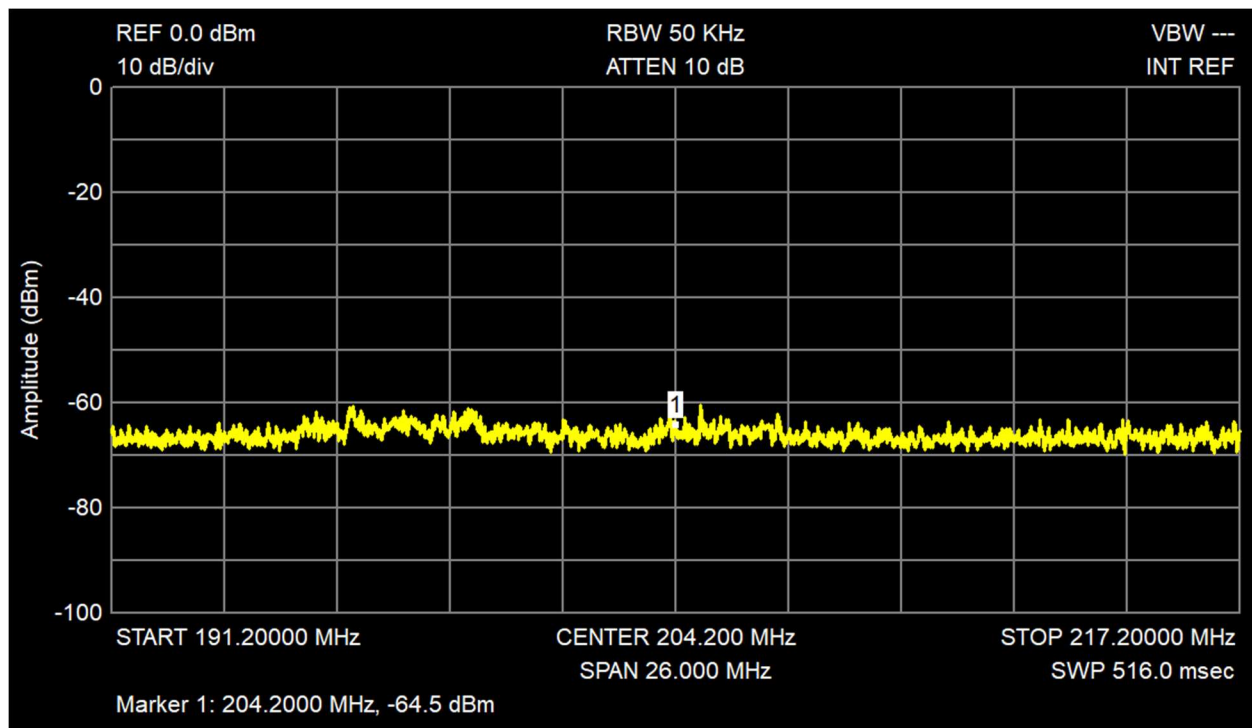


Figure 3. 97.1 and 107.1 Mixed

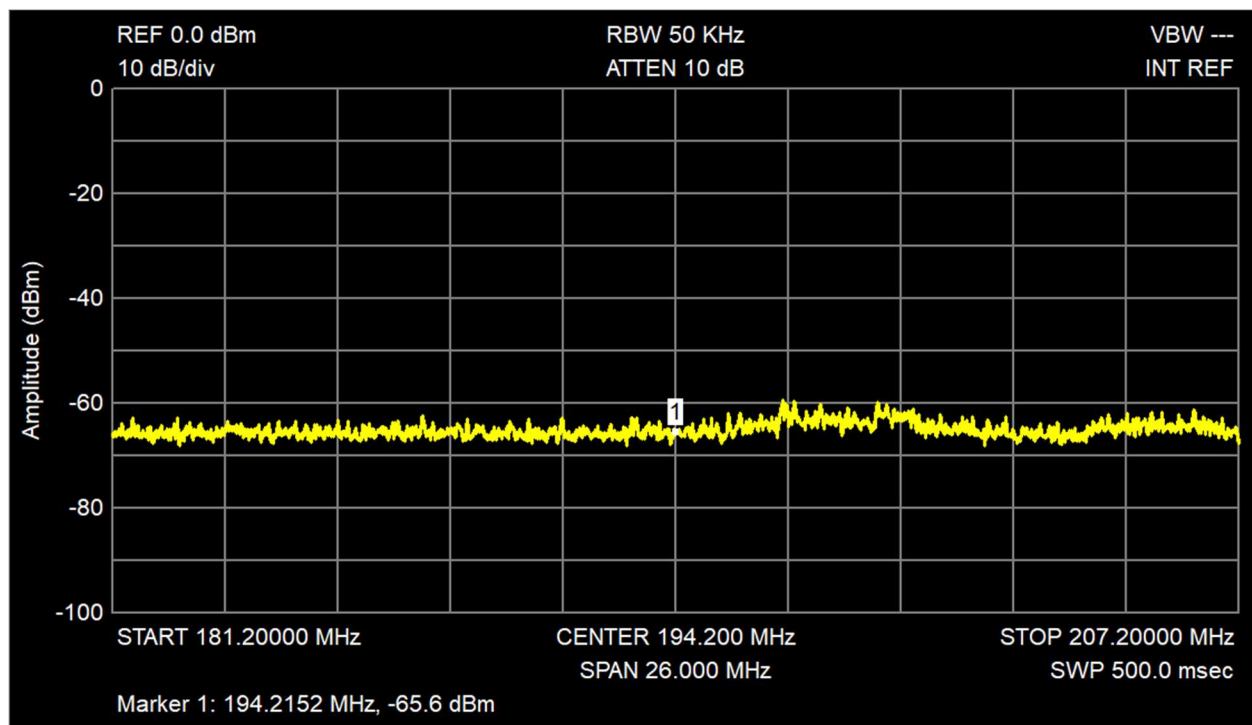


Figure 4. K246AM Second Harmonic

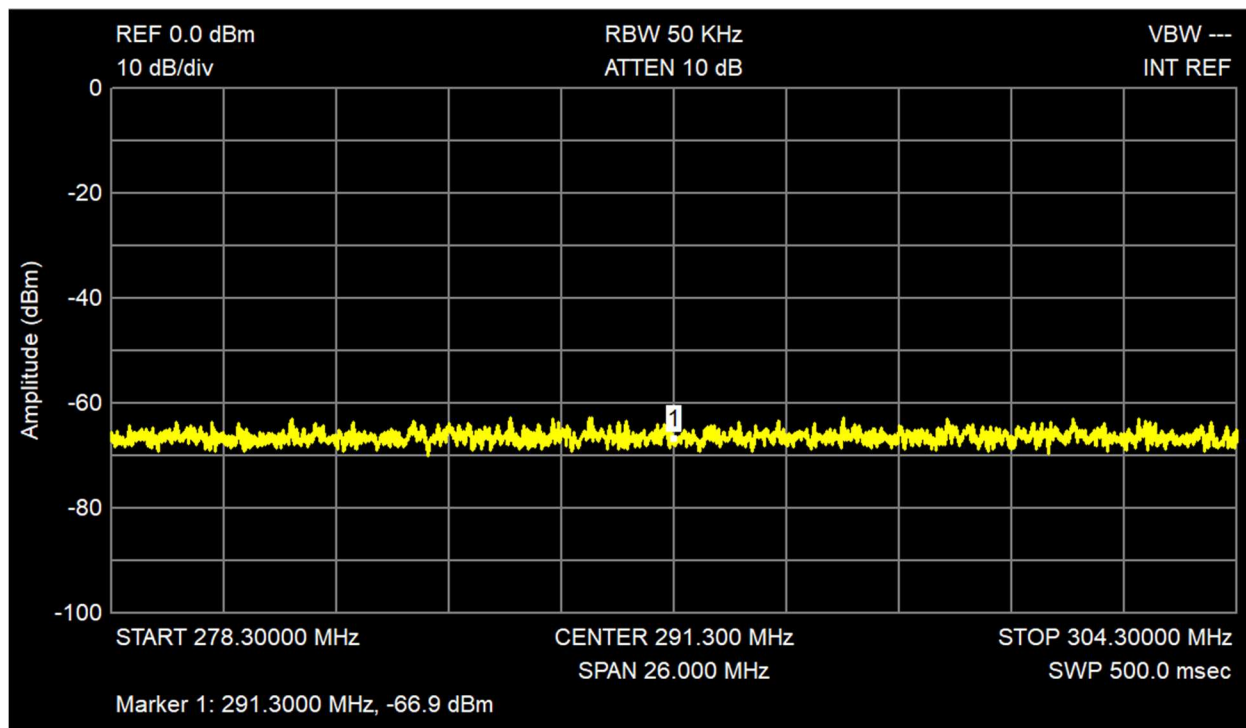


Figure 5. K246AM Third Harmonic

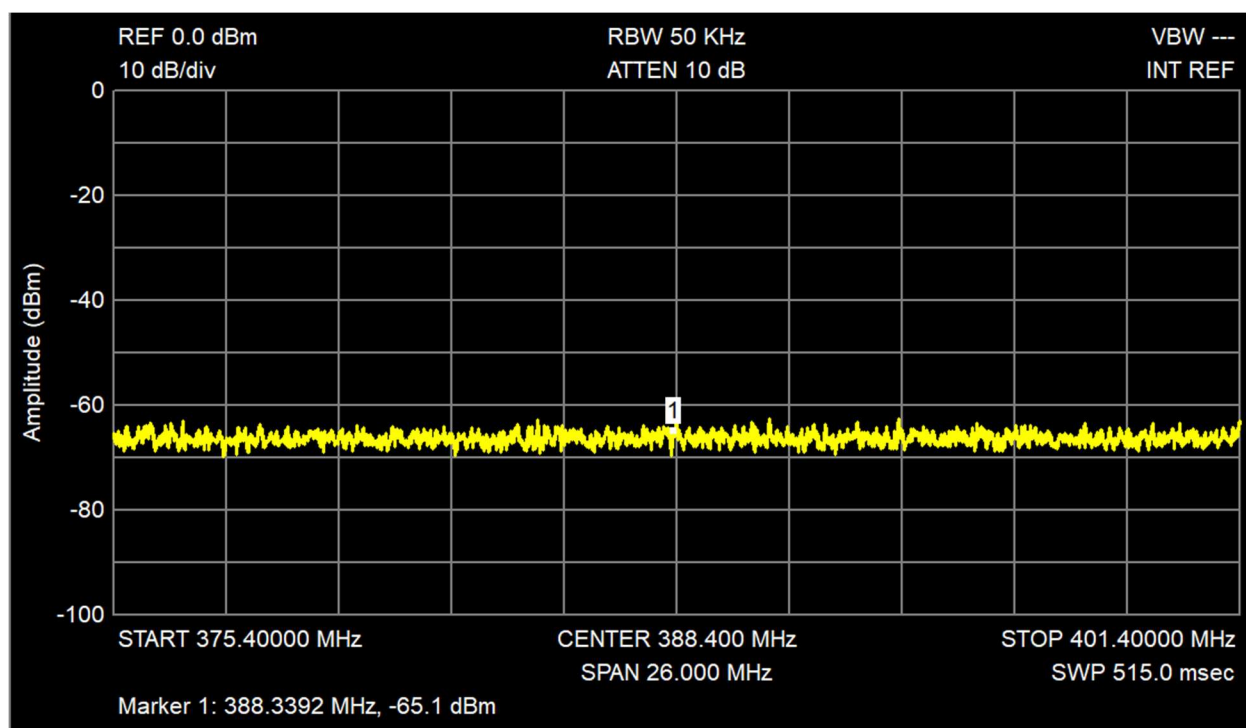


Figure 6. K246AM Fourth Harmonic

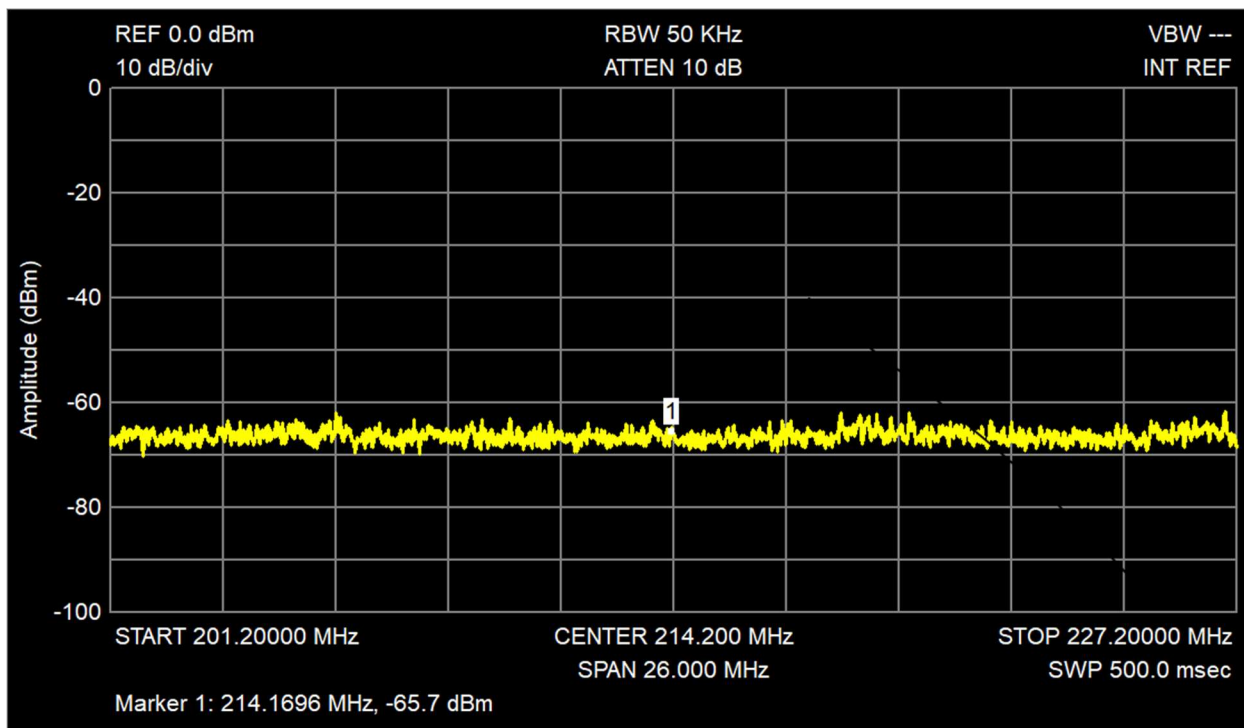


Figure 7. K296HH Second Harmonic

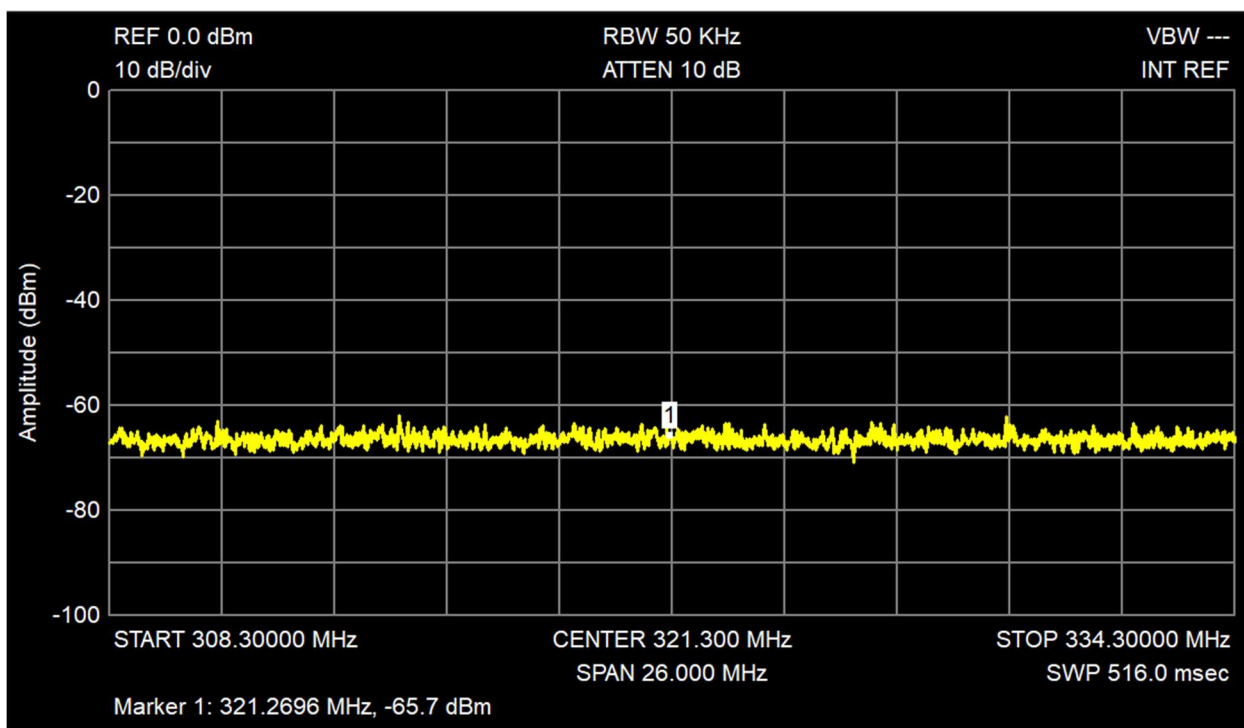


Figure 8. K296HH Third Harmonic

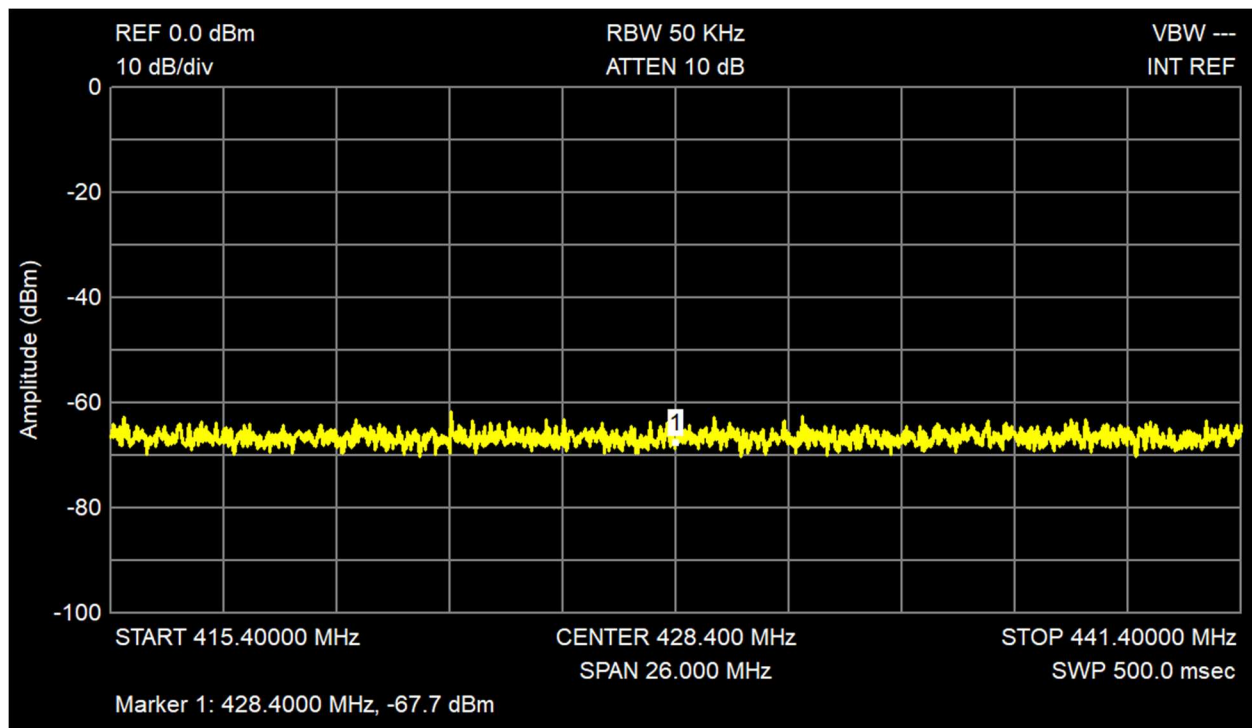


Figure 9. K296HH Fourth Harmonic

I, Jordan Bitz, am the Corporate Engineer for i3G Media, licensee of K246AM and K96HH. I oversaw the construction of these two translator stations and certify within the best of my knowledge and accuracy of the test equipment that both translator stations are compliant and operating within legal parameters.