

Spurious Emissions Measurement

Spectrum measurements to detect unwanted intermodulation products and other spurious emissions were conducted on Americom's combined FM antenna system located on Red Peak in Reno, Nevada.

These measurements were made using an Anritsu MS2721A Spectrum Analyzer on March 20, 2015. All four translators; K223AL, K241AK, K285EQ, and K245BV were operating at full power via the combined antenna system.

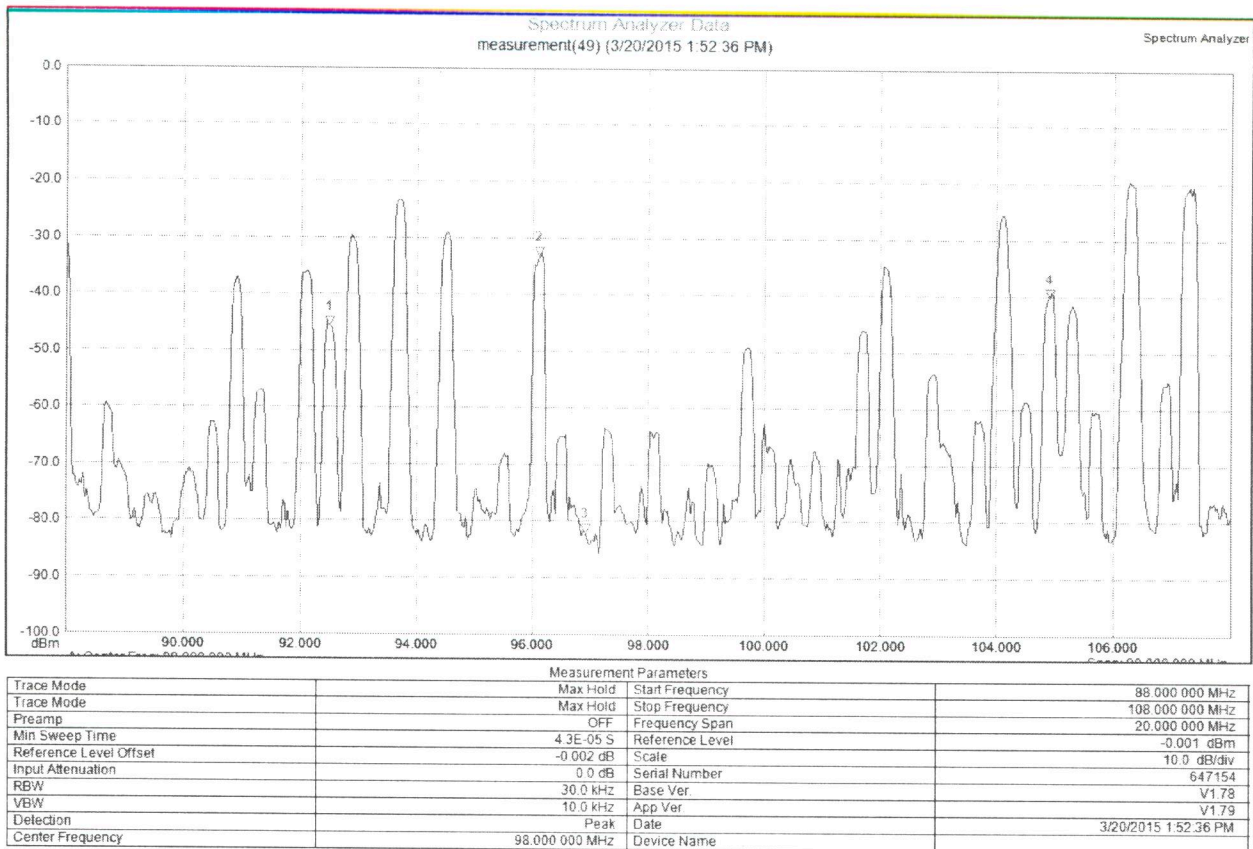
Sweeps of the entire FM band were performed both with and without K245BV operating. As can be seen on the following spectrum analyzer plots, no spurious emissions were observed from the addition of K245BV to the antenna system.

These measurements were taken inside the equipment room at the base of the tower.

It is thus believed that the addition of K245BV to the combined antenna system is compliant with 47CFR 73.317(b-d) in that there are no undesired spurious or mix products generated.

A handwritten signature in black ink, appearing to read "Dennis Christensen", with a long horizontal flourish extending to the right.

Dennis Christensen
3/20/2015



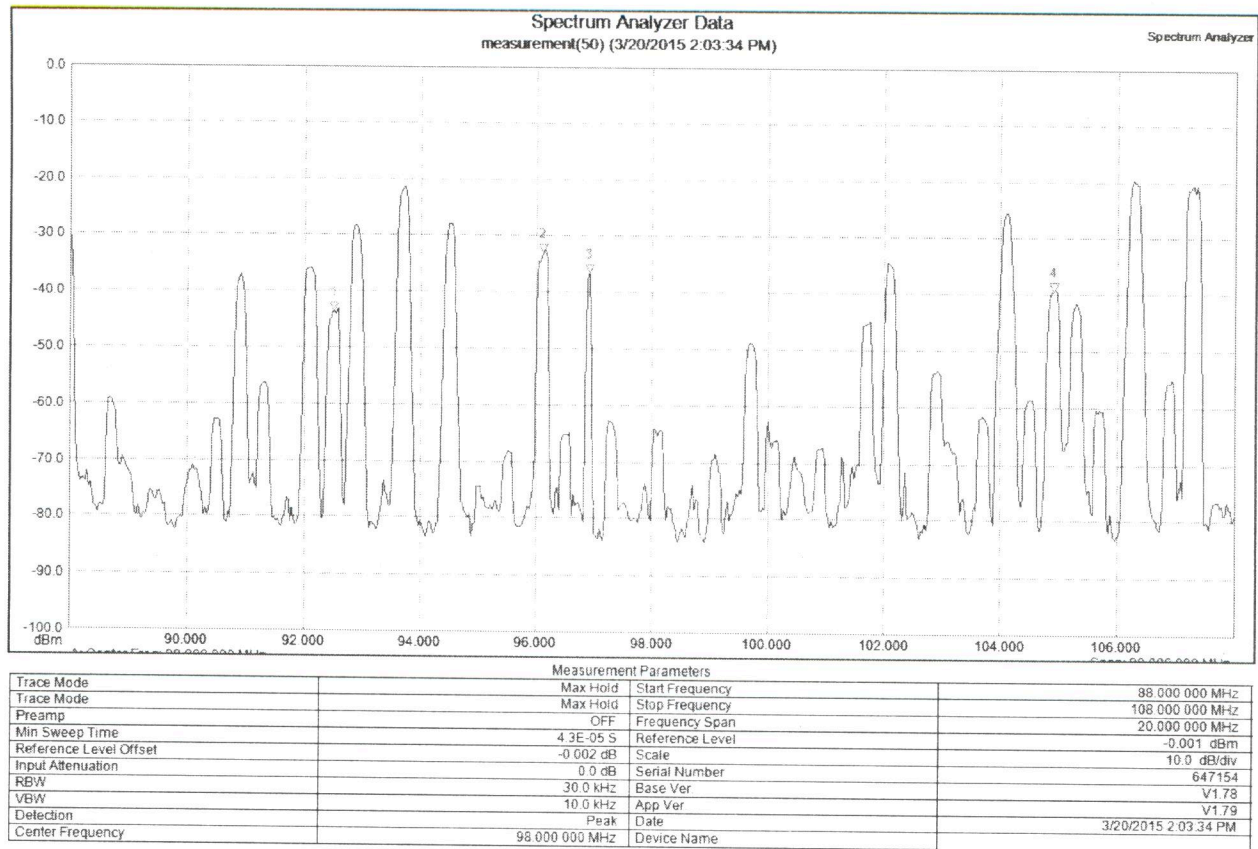
Spectrum Display without K245BV operating

Marker (1) is K223AL

Marker (2) is K241AK

Marker (3) is K245BV

Marker (4) is K285EQ



Spectrum Display with K245BV operating.

Marker (1) is K223AL

Marker (2) is K241AK

Marker (3) is K245BV

Marker (4) is K285EQ