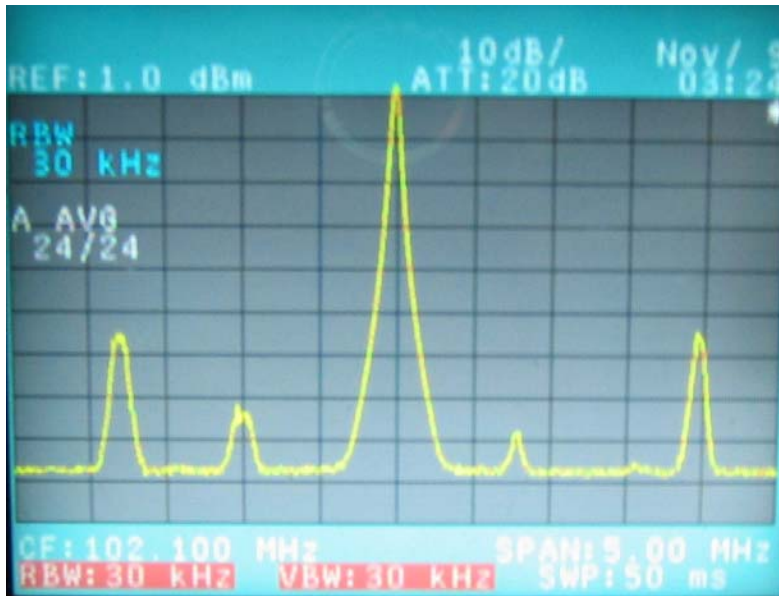


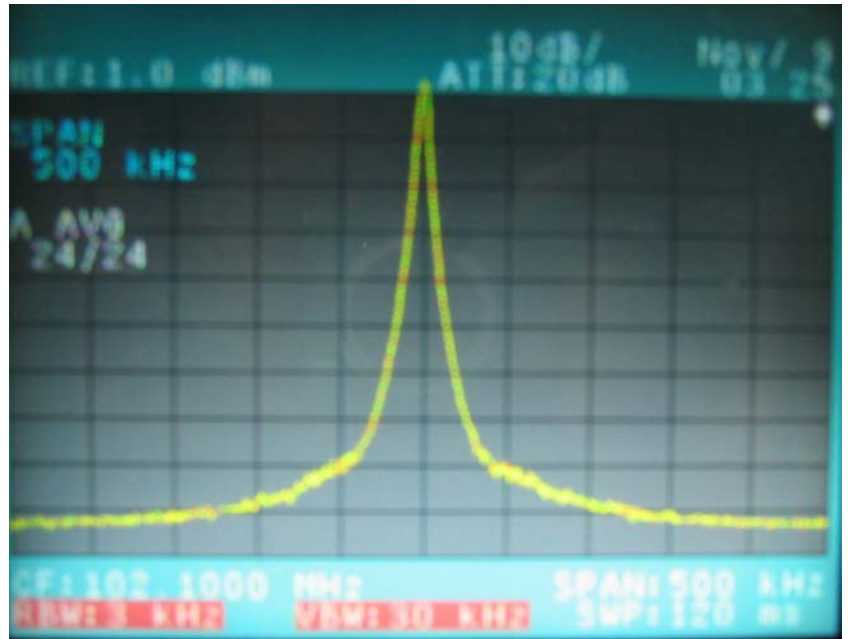
KMJQ 102.1 MHZ  
American Tower Auxiliary Site  
Missouri City, Texas  
EQUIPMENT PERFORMANCE MEASUREMENTS  
November 9, 2005

Pursuant to Paragraph 73.317 of Federal Communications Commission rules and regulations, equipment performance measurements were performed on the transmission system for KMJQ (FM) from 2:30am until 3:15am Central Standard Time. Measurements were made utilizing an RF sample obtained from the transmission line, specifically from the Bird ThruLine section with a 55db RF sampler element located just after the ERI combiner, with the transmitter operating into the antenna system specified in the instrument of authorization. The station was operating normally at full power with normal values of plate voltage and plate current on the final RF stage and with no modulation. Observations were made utilizing a HP/Advantest E4402B Spectrum Analyzer, with a 10db pad inserted in the input path to prevent possible front-end overload.



Digital image of the KMJQ auxiliary transmitter, indicates response 600kHz + from center carrier. Horizontal display grid is 300kHz per division/3Mhz Span. Vertical display grid is 10db per division. 30kHz bandwidth is used during measurements. Within the limits of the linearity of the analyzer, the skirts indicate sideband energy to be more than 70db below peak carrier at 600kHz.

Digital image of the KMJQ auxiliary transmitter indicating occupied bandwidth with no modulation. Horizontal display grid resolution is 50khz per division/500khz span. Vertical display grid resolution is 10db per division. 3khz bandwidth is used during measurements. Both the upper and lower sidebands are more than 70db down at 120khz.



These measurements are true and accurate to the best of my knowledge.

David K. Ainslie  
Engineering Manager, KMJQ  
November 9, 2005