

MODIFICATION OF STATION LICENSE
MTD, INC.
KIDX (FM) RADIO STATION
CH 268C2 - 101.5 MHZ - 0.92 KW
RUIDOSO, NEW MEXICO
December 2014

EXHIBIT A

KIDX Transmission System Calculations:

Effective Radiated Power:	0.92 Kilowatt (Horizontal/Vertical)
Antenna:	System with Reliability FM3R/2 2 bay full wavelength spaced
Power Gain:	1.0
Transmission Line: (97 feet)	Andrew Corp. HJ5-50 7/8 inch air dielectric 92.0% efficiency
Combiner loss:	Insertion loss 0.7 db 85.114 % efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	1.175 Kilowatts (1,175 watts)