

KONY, St. George, UT; FCC FID# 18140

TRANSMITTER POWER OUTPUT Calculation:

Authorized ERP: 89 kW

AAT SF-HP-12-HW-SP antenna gain: 4.82

320 ft AAT 618-50-20 6-1/8" 50 ohm rigid line efficiency: 0.966

AAT Branch Combiner filter efficiency: 0.979

TPO: 19.524 kW

Confirmation: $19.524 * .979 * .966 * 4.82 = 88.997$ kW