

K226BQ, FID # 86757 Application for License

The TPO calc:

Authorized ERP: 250 watts

Antenna Nicom BKG-77 power gain: 0.47

120 ft Rosenberger 7/8 foam coax, efficiency: 0.910

AAT band pass filter, AAT BP-IR-3-1K, efficiency: 0.794

8 ft , ½ inch coaxial jumper, efficiency: 0.96

TPO: 767 watts (rounded)

Confirmation: $766.8475 \times 0.96 \times 0.794 \times 0.910 \times 0.47 = 249.99998$ watts