

## **K208BY 250W Upgrade First Baptist Church of Riverview**

The facility (Facility ID 43878) as authorized by Construction Permit 0000210257, License Number BLFT-20000629AGD consists of a type-accepted FM transmitter, 130 feet of 7/8" diameter foam coaxial feed line, a Nicom BKG77-1 single bay antenna, and 4 connectors. The TPO has been calculated as follows:

Nicom BKG-77 antenna gain:	-3.00 dBd
Feed line:	-0.433 dB
Connectors:	-0.200 dB
Total antenna system gain:	-3.633 dBd
ERP (dBk)	-6.021 dBk
TPO (dBk)	-2.387 dBk (ERP + Antenna System Gain, rounded)
TPO (kW)	<b>0.580 kW, rounded per 47 CFR § 73.212</b>