

# **DELAWDER COMMUNICATIONS, INC.**

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## **ENGINEERING REPORT**

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### **Five-Station FM Auxiliary Environmental Statement**

KABG, KKRK, KKSS, KLVO and KHFM are proposing to diplex into a single bay Nicom BKG-77 omni antenna at a centerline height of 8 meters AGL for each station's auxiliary operation. KABG, KKRK and KKSS will each operate with a circular ERP of 47 watts. KLVO and KHFM will each operate with a circular ERP of 6.1 watts. The combined circular ERP is 153.2 watts.

Using an ERP of 153.2 watts, the FCC's FM Model program determines this Type 2 antenna as having a power density value at 2 meters AGL near the tower as 78.2 microwatts per centimeter squared – below the allowed 200 microwatt per centimeter squared level.