

# **Gore, Virginia**

## **Exhibit 15**

### **Interference Study**

The proposed transmit antenna will be located at 805.9 meters AMSL and will operate with an ERP of 0.035 kW (V) and 0 kW (H).

#### **Interference**

According to Section VII, (15) of Form 340, an applicant is to certify that the proposed NCE station comply with the Commission's spacing, contour overlap, and interference protection provisions as outlined in CFR 47. A complete interference study has been done using V-Soft Communication's FMCONT software. The results of the study are examined in detail in Exhibit 16.

#### **Intermodulation**

The applicant recognizes its responsibility to eliminate any objectionable interference (including that caused by receiver-induced or other types of modulation) protecting all facilities in existence, facilities authorized, and to radio receivers in use prior to the grant of this application.

#### **Blanketing**

No population exists inside the 115 dBu blanketing zone defined in 47 C.F.R. §73.318 (0.074 km for the 0.035 kW ERP proposed).

The applicant agrees that full compliance with the procedures and requirements of §73.318(b-d) will be attained, including (but not limited to) the installation of filters, traps or other devices to satisfy any complaints arising within the specified time period. This applicant accepts full responsibility for the elimination of any objectionable interference resulting from a grant of this application.