



January 16, 2004

Re: Interference Analysis Report for  
IWL Communications Inc. DBA CapRock Services Corp.  
St. Rose, Louisiana  
1.8 Meter and 2.4 Meter C-band Transmit Earth Station(s)

The purpose of this report is to identify the potential interference conflicts that exist to the transmit band at this location.

Transmit Band (5925 - 6425 MHz)

The analysis identified 31 potential 6 GHz interference conflicts within the coordination contours of the proposed earth station site. **Table 1** provides a summary of the cases for the 1.8 meter antenna and **Table 2** provides a summary of the cases for the 2.4 meter antenna. Terrain profiles were able to clear all but eight of the identified cases, as referenced in Tables 1 and 2. The remaining cases will be cleared based on limiting the transmit band of the earth stations around the receive frequencies of the cases identified. IWL/CapRock is aware of the potential conflict with these systems and will avoid transmissions that will interfere with any of the receivers identified.

There are no other unresolved interference conflicts identified for the proposed 1.8 and 2.4 meter C-band uplink antennas, based on the restricted operating parameters.

Sincerely,

**COMSEARCH**

Senior Manager  
Satellite Earth Station Services

Enclosures