## ShawPittman LLP

### Received

JAN 2 8 2004

DI PARTE OR LATE FILED

DUPLICATE

Policy Branch January 22, 2004

RECEIVED

Via Hand Delivery

Ms. Marlene H. Dortch

Secretary

Federal Communications Commission

445 12th Street, S.W.

Washington, D.C. 20554

laci Buzza

JAN 2 2 2004

Mons Office

PEDERAL COMMUNICATIONS COMMISSION

JAN 2 2 2004

OFFICE OF THE SECRETARY

Mobile Satellite Ventures Subsidiary LLC Re:

> Ex Parte Presentation IB Docket No. 01-185

File No. SAT-MOD-20031118-00333 (ATC application)

File No. SAT-AMD-20031118-00332 (ATC application)

File No. SES-MOD-20031118-01879 (ATC application)

File No. SAT-AMD-20031118-00335 (replacement satellite application)

Dear Ms. Dortch:

On January 21, 2004, Mobile Satellite Ventures Subsidiary LLC ("MSV") provided a demonstration to International Bureau staff members of its techniques for mitigating selfinterference from the operation of an Ancillary Terrestrial Component ("ATC"). The demonstration was held at MSV's headquarters in Reston, Virginia. The following International Bureau staff members attended: William Bell, Lisa Cacciatore, Richard Engelman, Howard Griboff, Paul Locke, Kathyrn Medley, Robert Nelson, and Ronald Repasi. The following attended on behalf of MSV: Carson Agnew, Lon Levin, Peter Karabinis, and Gary Churan, as well as Bruce Jacobs of Shaw Pittman LLP, counsel for MSV. MSV presented the information contained in the attached set of presentation materials.

Please direct any questions regarding this matter to the undersigned.

Very truly yours,

Washington, DC Northern Virginia New York Los Angeles London

# ShawPittman LLP

Ms. Marlene H. Dortch January 22, 2004 Page 2

cc:

William Bell Lisa Cacciatore Richard Engelman Howard Griboff Paul Locke Kathyrn Medley Robert Nelson

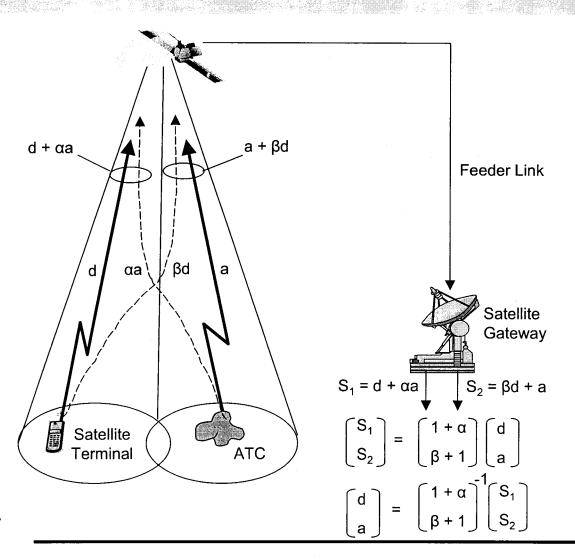
Ronald Repasi

# Interference Cancellation Presentation to the FCC

January 21, 2004



## Interference Mechanism





## Interference Canceller Architecture

