

REVISED

Special Temporary Authority Application
Summary of X-Band Earth Station Technical Information
For Coordination with NTIA

Date (from IB to OET):

Applicant: Space Imaging LLC

File No.: SES-STA-2004 XXXXXX

Call Sign: E960463

Purpose of STA: For authority to receive remotely-sensed data from India's ResourceSat-1 satellite at Space Imaging's Norman, OK, earth station

STA term: June 22, 2004 until grant of pending FCC Form 312 application for permanent authority

Site Location: Route 1, Box 138E0, St. HWY. 9W
Norman, McLain, Oklahoma

Latitude: 35° 10' 47.2" N

Longitude: 97° 33' 59.3" W

Receive frequency: 8072.5 - 8177.5 MHz, 8247.5 - 8352.5 MHz

Polarization: Right-Hand Circular

Antenna Size: 11 m

Gain: Rx: 57.2 dBi @ 8125 MHz, 57.4 dBi @ 8300 MHz

Maximum antenna height: 14.5 m (above ground level)
383.4 m (above mean sea level)

<u>Frequency Band</u>	<u>Emissions</u>	<u>Maximum E.I.R.P.</u>	<u>Maximum E.I.R.P. Density</u>
8072.5 - 8177.5 MHz	105MG7D	Receive Only	
8247.5 - 8352.5 MHz	105MG7D	Receive Only	

Satellite: ResourceSat-1

Satellite (W. Long.): Non-GSO

Elevation Angle (E/W): 5 degree minimum elevaton

Azimuth (E/W): 0 - 360 degrees

Point of contact:

Name:

Raymond G. Bender, Jr.

Phone:

(202) 776-2758

Fax:

(202) 776-2222

e-mail:

RBender@DLALAW.com