

From: Douglas Rell

To: Behnam Ghaffari

Date: May 02, 2011

Subject: FCC File No. 0082-EX-PL-2011

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Message:

Hi,

Location: 2510 Aviation Way, Colorado Springs, CO

Transmit antenna gain (dbi): 45.2 dBi in X-band.

Transmit antenna gain (dbi): 49.5 dBi in Ku-Band

Transmit antenna beam width (degrees): 1.17 degrees

Transmit antenna azimuth: 223 degrees

Transmit antenna site elevation(AMSL) (meters): 1832m

Transmit antenna feed point height from ground (AGL) (meters): 2.5

Doug Rell

RAIDRS Test Lead

Integral Systems, Inc.