

John Kennedy

From: Troy Bennett [Bennett.Troy@orbital.com]
Sent: Wednesday, April 09, 2008 4:31 PM
To: John Kennedy
Subject: Re: FCC File # 0181-EX-ST-2008

John,

Thanks for getting back to me so quickly on this application.

You are correct that the Antennae will be fixed, so you can delete the 10 km mobile radius. This was my data entry error to include a radius.

With regard to the antennae.....there are actually 4 of them. Two of them are Dual Gridded reflectors (about 2.3 meters wide) with high directivity. The other two antennae are highly directive horns with a beamwidth of 8.7 degrees which rolls off significantly outside of that angle. This is why the EIRP and transmit power values don't multiply the same way for each of the frequencies.

Let me know if you need anything further.

All the best,
Troy Bennett

"John Kennedy" <John.Kennedy@fcc.gov>

04/09/2008 02:26 PM

To <Bennett.Troy@Orbital.com>

cc

Subject FCC File # 0181-EX-ST-2008

Mr. Troy Bennett,

Will the antenna to be used under 0181-EX-ST-2008 be fixed as reported in application 0181-EX-ST-2008? If so, please confirm that the reported 10 kilometer mobile radius should be deleted.

John W. Kennedy
Federal Communications Commission
Experimental Licensing Branch
(202) 418-2484

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