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By Electronic Filing (IBFS)

Marlene H. Dortch  
Federal Communications Commission  
445 12th Street, S.W.  
Washington, D.C. 20554

**Re: SkyTerra Subsidiary LLC**  
**File No. SAT-MOD-20090529-00063**

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Dear Ms. Dortch:

At the International Bureau's request, SkyTerra Subsidiary LLC hereby files this letter to clarify alleged discrepancies regarding the cross-polarization isolation values stated in the Schedule S and the Technical Exhibit of the above-referenced application. The 25 dB "Min. Cross-Polar Isolation" value specified in column "g" of Table S7 of the Schedule S form is the satellite antenna cross-polarization isolation *specification* value for each of the four Ku-band feederlink beams. The "C/I (Crosspolarization)" value stated in the link budgets is the *calculated* (not specified) carrier-to-noise power ratio derived from the Cross-Polar isolation, as well as other link parameters. In other words, the "C/I (Crosspolarization)" is an effect of, and not the same as, the satellite "Min. Cross-Polar Isolation." For example, in calculating link budgets, SkyTerra considered not only the individual beam cross-polarization isolation value but also the impact of the cross-polarized signals from all feederlink beams to determine an aggregate carrier-to-interference ratio (C/I). Thus, the link budgets in the Technical Exhibit state the "C/I (Crosspolarization)" values as 23 dB in the GMSA cases and 24 dB in the GMR-3G cases.

Please direct any questions concerning this letter to the undersigned.

Very truly yours,

/s/

Bruce D. Jacobs  
Tony Lin  
*Counsel for SkyTerra Subsidiary  
LLC*

cc: (by email)  
Kathryn Medley  
Bill Bell  
Sylvia Lam