

From: Hunter, Daryl [daryl.hunter@viasat.com]

Sent: Tuesday, June 29, 2004 5:49 PM

To: Shahnaz Ghavami

Subject: Further information for ViaSat application SES-MOD-20040210-00205

Hi Shahnaz,

Here is the information you requested.

1. I have attached antenna patterns for Channel Master and a data sheet with the compliance mask for the Prodelin antennas. Our scanner is not working right now so I'll have to wait until that is up to scan in the hard copies I have of the Patriot patterns. They look very similar but slightly better than those of the Channel Master.

2. The list of satellites six degree to each side of IA-7 is as follows.

The list of satellites spaced six degrees from IA-7 at 129 degrees West longitude are:

-6 deg @ 123 deg WL - is PanAmSat Galaxy 10R

-4 deg @ 125 deg WL - no Ku-band satellite

-2 deg @ 127 deg WL - is PanAmSat Horizons 1

0 deg @ 129 deg WL - is our operating satellite, Intelsat IA-7 (formerly Loral T-7)

2 deg @ 131 deg WL - no Ku-band satellite

4 deg @ 133 deg WL - no Ku-band satellite

6 deg @ 135 deg WL - no Ku-band satellite

3. Point of communications for all VSAT and hub antennas in the network is Intelsat IA-7 (formerly Loral Telstar 7). ALLSAT was in the original license so I had just used that, but at this time only operation on IA-7 is required and changing the point of communication from ALLSAT to IA-7 would not be a problem.

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Regards,

Daryl

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