

## Jae Lim

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**From:** Brent Reed <breed@usei-teleport.com>  
**Sent:** Monday, November 23, 2020 2:14 PM  
**To:** Jae Lim  
**Cc:** Steven Cox  
**Subject:** RE: SES-STA-20201102-01211; SES-MOD-20201102-01210; Call sign: E891020

Hi Jae,

Sorry for the delay I was out of the office.

Yes we can confirm the 69.5 will apply for all three items – Our carrier ERIP 69.5 will be spread over 10Mhz.

Antenna gain data shows 60.4 dBi.

Let us know if we can provide any further details.

Regards,

Brent Reed  
US Electrodynamics, Inc.  
PH: 509-689-1000  
<http://www.usei-teleport.com>

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**From:** Jae Lim <Jae.Lim@fcc.gov>  
**Sent:** Thursday, November 19, 2020 5:19 AM  
**To:** Brent Reed <breed@usei-teleport.com>  
**Cc:** Steven Cox <scox@usei-teleport.com>  
**Subject:** RE: SES-STA-20201102-01211; SES-MOD-20201102-01210; Call sign: E891020

Hi Brent Reed,

I hope all is well.

Do you confirm the ERIP of 69.5 at 13.8 GHz for all 3 items?

What is the Antenna Gain?

Thanks.

Jae Lim  
FCC/IB

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**From:** Brent Reed <[breed@usei-teleport.com](mailto:breed@usei-teleport.com)>  
**Sent:** Wednesday, November 18, 2020 7:43 PM  
**To:** Jae Lim <[Jae.Lim@fcc.gov](mailto:Jae.Lim@fcc.gov)>  
**Cc:** Steven Cox <[scox@usei-teleport.com](mailto:scox@usei-teleport.com)>  
**Subject:** RE: SES-STA-20201102-01211; SES-MOD-20201102-01210; Call sign: E891020

Hello Jae,

Thank you for your attention to this STA & MOD.

Our scheduled customer will have an ERIP of 69.5 at 13.8 GHz. We will comply with all FCC guidelines for this modification.

Regards,

Brent Reed  
US Electrodynamics, Inc.  
PH: 509-689-1000  
<http://www.usei-teleport.com>

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**From:** Jae Lim <[Jae.Lim@fcc.gov](mailto:Jae.Lim@fcc.gov)>  
**Sent:** Friday, November 13, 2020 9:34 AM  
**To:** TOCC <[tocc@usei-teleport.com](mailto:tocc@usei-teleport.com)>  
**Subject:** SES-STA-20201102-01211; SES-MOD-20201102-01210; Call sign: E891020

Hi Mr. Darryl White,

I hope all is well.

Please provide additional information for your STA and MOD.

You can reply to this email and I will update your applications.

- 1) Eirp Density (46.3 dBW/4kHz) on 13750-14000 1M00G7D may exceed 71 dBW/6MHz (see 25.204(f)) on SiteID 1, AntennaID 1.
- 2) Eirp Density (40.4 dBW/4kHz) on 13750-14000 36M0G7W may exceed 71 dBW/6MHz (see 25.204(f)) on SiteID 1, AntennaID 1
- 3) Eirp Density (42.4 dBW/4kHz) on 13750-14000 72M0G7W may exceed 71 dBW/6MHz (see 25.204(f)) on SiteID 1, AntennaID 1
- 4) Please provide antenna gain @13.75-14GHz.

Thanks.

Jae Lim  
FCC/IB

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