

Jae Lim

From: Brent Reed <breed@usei-teleport.com>
Sent: Wednesday, November 25, 2020 1:40 PM
To: Jae Lim
Cc: Steven Cox
Subject: RE: SES-STA-20201102-01211; SES-MOD-20201102-01210; Call sign: E891020

Hello Jae,

We confirm 35.5 dB/4K to be correct.

Also we are good with lowering the max ERIP to 87.8.

Again thank you for your attention to this & hope you have a great Thanksgiving !

BR

From: Jae Lim <Jae.Lim@fcc.gov>
Sent: Wednesday, November 25, 2020 8:51 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,

I was able to take a look at the numbers you provided, and 69.5 dB/10M would be 35.5 dB/4K and 67.27dB/6M, which is ok.

Please confirm 35.5 dB/4K.

Eirp (87.87) on 14000-14500 72M0G7W exceeds Max Output Eirp (87.8).

You should consider lowering it to 87.8 dB.

Please confirm this change.

Thanks and happy Thanksgiving.

Jae Lim
FCC/IB

From: Brent Reed <breed@usei-teleport.com>
Sent: Monday, November 23, 2020 2:14 PM
To: Jae Lim <Jae.Lim@fcc.gov>
Cc: Steven Cox <scox@usei-teleport.com>
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>

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

From: Brent Reed <breed@usei-teleport.com>
Sent: Wednesday, November 18, 2020 7:43 PM
To: Jae Lim <Jae.Lim@fcc.gov>
Cc: Steven Cox <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>

From: Jae Lim <Jae.Lim@fcc.gov>
Sent: Friday, November 13, 2020 9:34 AM
To: TOCC <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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