

## Jae Lim

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**From:** Williams, Rick <Rick.Williams@treas.nj.gov>  
**Sent:** Thursday, June 27, 2019 3:47 PM  
**To:** Jae Lim  
**Cc:** Derek Teslik  
**Subject:** RE: SES-REG-20180928-04185; Call Sign: E190502

Thank you for your assistance.

Regards,  
Rick Williams



State of New Jersey  
Department of the Treasury

Richard Williams, Acting Executive Director  
NJ Public Broadcasting Authority

25 South Stockton St., Trenton, NJ / 08608

P: 609-777-5257 / M: 609-203-6049 / F: 609-777-5400

[rick.williams@treas.nj.gov](mailto:rick.williams@treas.nj.gov)

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**From:** Jae Lim [<mailto:Jae.Lim@fcc.gov>]  
**Sent:** Thursday, June 27, 2019 15:40  
**To:** Williams, Rick <Rick.Williams@treas.nj.gov>  
**Cc:** Derek Teslik <[dteslik@graymillerpersh.com](mailto:dteslik@graymillerpersh.com)>  
**Subject:** [EXTERNAL] RE: SES-REG-20180928-04185; Call Sign: E190502

Good afternoon,  
I will make changes to your application.  
Thanks for providing this info.

Jae Lim  
FCC/IB  
1-202-418-2899

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**From:** Williams, Rick <[Rick.Williams@treas.nj.gov](mailto:Rick.Williams@treas.nj.gov)>  
**Sent:** Thursday, June 27, 2019 1:04 PM  
**To:** Jae Lim <[Jae.Lim@fcc.gov](mailto:Jae.Lim@fcc.gov)>  
**Cc:** Derek Teslik <[dteslik@graymillerpersh.com](mailto:dteslik@graymillerpersh.com)>  
**Subject:** RE: SES-REG-20180928-04185; Call Sign: E190502

Mr. Lim:

File number SES-REG-20180928-04185 has been modified to correct for 25.209 compliance. The antenna gain has been amended to read 44.2 dBi at 4.2 GHz. When submitting the revised application, the following message is returned:

**The following errors were found in the application, please correct them and re-submit:  
18(a) Call Sign E190502 is not a valid callsign. Please verify and re-enter.**

Please suggest on how to proceed with the modifications.

Regards,  
Rick Williams



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[rick.williams@treas.nj.gov](mailto:rick.williams@treas.nj.gov)

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**From:** Jae Lim [<mailto:Jae.Lim@fcc.gov>]  
**Sent:** Wednesday, June 26, 2019 16:36  
**To:** Williams, Rick <[Rick.Williams@treas.nj.gov](mailto:Rick.Williams@treas.nj.gov)>  
**Subject:** [EXTERNAL] SES-REG-20180928-04185; Call Sign: E190502

Hi Rick Williams,

Please confirm "Yes" for antenna compliance 25.209 and provide antenna gain between 3700-4200 MHz.  
Thanks.

File No.	SES-REG-20180928-04185	Call Sign:	E190502	Filing State:	Pending	Status:	AFP	Status Date:	Jun 20 2
Applicant:	New Jersey Public Broadcasting Authority			File Date:	Sep 28 2018	Last Action:		Action Date:	
Class of Station:	Fixed Earth Stations	Type of Facility:	Receive Only	Nature of Service:	FSS = Fixed Satellite Service				
<input checked="" type="checkbox"/> US Licensed Satellites <input type="checkbox"/> Non-US Licensed Satellites		Certifications:	<b>OK</b> <b>No Antenna Compliance (25.209) on 1</b>			Routed To:	Jae_Lim		
1									

City:	Trenton	County:	Mercer	State:	NJ	Lat:	401314.0N	Lon:	0744534.0W	Grnd (m amsl):	19.812	NA
Ant Row	Antenna ID	Diameter (m)	Max Input Power (W)	Max Output Eirp	Gain (dBi@GHz)							
1	1	4.5			<b>48.7 @ 7.5</b>							

Crđ Row	Freq Lo (MHz)	Freq Hi (MHz)	SatArc (East)	SatArc (West)	Elev (East)	Elev (West)	Azim (East)	Azim (West)	Calc Elev (East)	Calc Elev (West)	Calc Azim (East)	Calc Azim (West)	Antenna ID
1	3700	4200	60W	143W	41.2	7.6	157.8	255.5	41.0	7.8	157.8	255.5	1

Freq Row	Freq Lo (MHz)	Freq Hi (MHz)	Emission	EIRP (dBW)	Eirp Density (dBW/4kHz)	T/R	Bandwidth	Modulation	Pt (dBW)	Pt (W)	P.D. (dBW/4kHz)	Antenna ID
1	3700	4200	36M0G7w			R	36.0 MHz	Digital				1

Jae Lim  
 FCC/IB  
 1-202-418-2899