

From: [Robert Roe](#)  
To: [Jae Lim](#)  
Subject: Re: SES-REG-20181004-04243 (Call Sign: E190569)  
Date: Friday, July 26, 2019 9:42:00 AM  
Attachments: [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image006.png](#)

Thank you, and have a great weekend!

Robert

On 7/26/2019 9:34 AM, Jae Lim wrote:

Hi Robert,

I can make the change for you. Please see the FCC CFR 25.118 if you have any question. I will change the frequency band to C-band, 3700-4200 MHz, in your application and proceed with the incomplete application per condition 90487.

Thanks.

Jae Lim  
FCC/IB  
202-418-2899

From: Robert Roe [wftmmanager@maysvilleky.net](mailto:wftmmanager@maysvilleky.net)  
Sent: Friday, July 26, 2019 8:23 AM  
To: Jae Lim [jae.lim@fcc.gov](mailto:jae.lim@fcc.gov); [linestone@maysvilleky.net](mailto:linestone@maysvilleky.net)  
Subject: Re: SES-REG-20181004-04243 (Call Sign: E190569)

Good morning,

We use SES3 for 103, and only US licensed satellites. What do I need to do to make the appropriate corrections?

Thanks in advance for your help.

Robert

On 7/24/2019 11:25 AM, Jae Lim wrote:

Hi Jeffery Cracraft and Robert Roe,

I was able to add AMSC1 to your application.

We will keep AMSC1.

Please confirm other data.

Thanks.

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

From: Jae Lim [jae.lim@fcc.gov](mailto:jae.lim@fcc.gov)  
Sent: Tuesday, July 23, 2019 3:34 PM  
To: [linestone@maysvilleky.net](mailto:linestone@maysvilleky.net); [wftmmanager@maysvilleky.net](mailto:wftmmanager@maysvilleky.net)  
Subject: SES-REG-20181004-04243 (Call Sign: E190569)

Hi Jeffery Cracraft and Robert Roe,

I'm unable to verify your PntComm, AMSC1@103W, for your Antenna 7.

I see you have added the Permitted List for antenna 7 and I suggest we keep only the Permitted List and delete AMSC1.

Also please confirm either US satellite or Non-US satellites.

Please let me know.

**D) Points of Communications**

The following stations located in the Satellite orbits consistent with Sections B and C of this Entry:

- 1) 1 to AMC-11 (S2433) @ 131 W.L. (U.S.-licensed)
- 2) 2 to AMC 7 (S2155) @ 131 W.L. (U.S.-licensed)
- 3) 3 to GALAXY 17 (S2715) @ 91 degrees W.L. (U.S.-licensed)
- 4) 4 to GALAXY 14 satellite (S2385) @ 123 W.L. (U.S.-licensed satellite)
- 5) 5 to GALAXY 18 satellite (S2733) @ 123 W.L. (U.S.-licensed satellite)
- 6) 6 to GALAXY 16 (S2687) @ 99 degrees W.L. (U.S.-licensed)
- 7) 7 to Permitted Space Stations List
- 8) 8 to AMSC 1 satellite @ 103 degrees W.L. (U.S.-licensed)
- 9) 9 to GALAXY 13 satellite (S2386) @ 127 degrees W.L. (U.S.-licensed)

US Licensed Satellites  
 Non-US Licensed Satellites

I have updated your Antenna Elev and Azim for your application.

Please confirm.

Elev (Azim)	Elev (Elev)	Azim (Azim)	Azim (Azim)
48.2	19.7	180	240

You have listed 950-1450 MHz for your application.

I have updated to C-band 3700-4200 MHz.

Please confirm.

Old Freq	Freq Lo (MHz)	Freq Hi (MHz)
1	950	1450

  

Freq Doc.	Freq Lo (MHz)	Freq Hi (MHz)	E4344. Frequency Bands(MHz)
1	3700	4200	950-1450

You have either provided incorrect Antenna Gain or didn't provide it for each antenna.

Please provide antenna gain for each antenna or I will proceed without it per condition 90487.

**E4142. Antenna Gain Transmitt and/or Receive (\_\_\_ dBi at \_\_\_ GHz)**  
0.0 dBi at

You didn't agree to Antenna Compliance 25.209.

Please confirm antenna compliance or I will proceed without it per condition 90487.

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do (a) the proposed antenna(s) comply with the antenna gain pattern specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? IF NO, provide a detailed analysis showing compliance with two-degree spacing policy.

Yes  No  N/A

Please confirm these changes.

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