

From: Jack Narciso  
 To: Jae Lim  
 Cc: Kerry Murray - Gateway Services GEO  
 Subject: RE: [EXTERNAL]: RE: SES-MOD-20210601-00867; Call Sign: E160139  
 Date: Monday, October 25, 2021 8:16:17 AM  
 Attachments: image003.png  
 image005.png  
 image008.png

Hi Jae,

Looks like these were previously authorized emissions but I agree they are too high.

EIRP for both carriers should be 82.6dBW and EIRP Density 38.23dBW/4kHz. This should bring input power to around 499W.

Jack Narciso  
 Technology, Infrastructure Engineering & Maintenance, US



M +1-609-480-5375  
 jack.narciso@ses.com • www.ses.com

From: Jae Lim <Jae.Lim@fcc.gov>  
 Sent: Friday, October 22, 2021 3:14 PM  
 To: Jack Narciso <jack.narciso@ses.com>  
 Cc: Kerry Murray <Kerry.Murray@fcc.gov>  
 Subject: RE: [EXTERNAL]: RE: SES-MOD-20210601-00867; Call Sign: E160139

Hi Jack,

Sorry for the delay in processing your MOD application.  
 Thanks for submitting your pleading supplemental document.

I have additional items to verify with you for correction.  
 please reply with your correction:

1. Eirp (95.7) on 6679.42-6701.42 30M0G7W exceeds Max Output Eirp (82.6) on Antenna for SiteID 1, AntennaID SOM027
2. Power (10000.00 W) on 6679.42-6701.42 30M0G7W exceeds Max Input Power 500.00 W for Antenna on SiteID 1, AntennaID SOM027
3. Eirp (95.7) on 6628.27-6650.27 30M0G7W exceeds Max Output Eirp (82.6) on Antenna for SiteID 1, AntennaID SOM027
4. Power (10000.00 W) on 6628.27-6650.27 30M0G7W exceeds Max Input Power 500.00 W for Antenna on SiteID 1, AntennaID SOM027

Ant Row	Antenna ID	Diameter [m]	Max Input Power [W]	Max Output Eirp	Gain [dBi@GHz]	Gain [dBi@GHz]
1	SOM027	11	500	82.6	52.0 @ 4	55.7 @ 6
2	SOM027KA	1.8			49.4 @ 19.95	

Cid Row	Freq Lo [MHz]	Freq Hi [MHz]	SaArc [East]	SaArc [West]	Elev [East]	Elev [West]	Azim [East]	Azim [West]	Calc Elev [East]	Calc Elev [West]	Calc Azim [East]	Calc Azim [West]	Antenna ID
1	5925	6425	115W	137W	49.9	45.7	172.9	210	49.9	45.7	172.9	210.0	SOM027
2	3679.42	3650.27	115W	137W	49.9	45.7	172.9	210	49.9	45.7	172.9	210.0	SOM027
3	3679.42	3701.42	115W	137W	49.9	45.7	172.9	210	49.9	45.7	172.9	210.0	SOM027
4	1165.45	1586.42	115W	137W	49.9	45.7	172.9	210	49.9	45.7	172.9	210.0	SOM027
5	19700	20200	115W	137W	49.9	45.7	172.9	210	49.9	45.7	172.9	210.0	SOM027KA

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	3679.42	3701.42	100K7W	70.20	56.20	T	100. kHz	Digital	14.50	28.18	0.50	SOM027
2	3679.42	3701.42	30M0G7W	95.70	56.20	T	30.0 MHz	Digital	40.00	10000.00	0.50	SOM027
3	3628.27	3650.27	100K7W	70.20	56.20	T	100. kHz	Digital	14.50	28.18	0.50	SOM027
4	3628.27	3650.27	30M0G7W	95.70	56.20	T	30.0 MHz	Digital	40.00	10000.00	0.50	SOM027
5	5925	6425	100K7W	60.20	46.20	T	100. kHz	Digital	4.50	2.82	-9.50	SOM027
6	5925	6425	30M0G7W	82.50	46.20	T	30.0 MHz	Digital	26.80	478.63	-9.50	SOM027
7	1564.42	1586.42	100K7W			R	100. kHz	Digital				SOM027
8	1564.42	1586.42	22M0G7W			R	22.0 MHz	Digital				SOM027
9	1165.45	1187.45	100K7W			R	100. kHz	Digital				SOM027
10	1165.45	1187.45	100K7W			R	100. kHz	Digital				SOM027
11	1165.45	1187.45	100K7W			R	100. kHz	Digital				SOM027
12	1165.45	1187.45	22M0G7W			R	22.0 MHz	Digital				SOM027
13	19700	20200	100KNON			R	100. kHz	None				SOM027
14	19700	20200	1M00F9D			R	1.00 MHz	Ana/Dig				SOM027KA
15	19700	20200	100KNON			R	100. kHz	None				SOM027KA
16	19700	20200	36M0G7W			R	36.0 MHz	Digital				SOM027KA

PLComms:  
 PERMITTED LIST @  
 SES-15 (52951) @ 12915 W.L

Jae Lim  
 FCC/IB

From: Jae Lim  
 Sent: Thursday, August 5, 2021 3:19 PM  
 To: Jack Narciso <jack.narciso@ses.com>  
 Subject: RE: [EXTERNAL]: RE: SES-MOD-20210601-00867; Call Sign: E160139

Thanks, Jack.

Jae Lim  
 FCC/IB

From: Jack Narciso <jack.narciso@ses.com>  
 Sent: Thursday, August 5, 2021 3:17 PM  
 To: Jae Lim <Jae.Lim@fcc.gov>  
 Subject: RE: [EXTERNAL]: RE: SES-MOD-20210601-00867; Call Sign: E160139

Hi Jae,

I just uploaded it after filling it out. There seems to be a problem with the document auto filling out spaces when I type in another space. Please ignore the first line.

# Federal Communications Commission


## INTERNATIONAL BUREAU

Thu, Aug 05 15:14:56 2021

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### Confirmation

Thank you for your submission. Please make a note of your confirmation number: IB2021003074

The following information was submitted with this Pleading:

**Type of Pleading**  
ERRATA, ERRATUM OR ADDENDUM

**Date**  
08/05/2021

**Filer Information**  
Jack Narciso  
SES Americom, Inc.  
4 Research Way  
Princeton NJ 08533  
USA  
2024787143  
jack.narciso@ses.com

**Contact Information**  
Jack Narciso  
SES Americom, Inc.  
4 Research Way  
Princeton NJ 08533  
USA  
2024787143  
jack.narciso@ses.com

### Proceedings List

File Number	Call Sign	Applicant
SES-MOD-20210601-00867	E160139	SES Americom, Inc.

### Non-Confidential Attachment(s)

Date Uploaded	Description	File Name
08/05/2021	Coordination	Coordination.pdf

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IBFS Help Line  
202-418-2222

Jack Narciso  
Technology, Infrastructure Engineering & Maintenance, US



beyond frontiers

M +1-609-480-5375

[jack.narciso@ses.com](mailto:jack.narciso@ses.com) • [www.ses.com](http://www.ses.com)

**From:** Jae Lim <[Jae.Lim@fcc.gov](mailto:Jae.Lim@fcc.gov)>

**Sent:** Thursday, August 5, 2021 2:55 PM

**To:** Jack Narciso <[jack.narciso@ses.com](mailto:jack.narciso@ses.com)>

**Subject:** RE: [EXTERNAL]: RE: SES-MOD-20210601-00867; Call Sign: E160139

Hi Jack,

Please submit your schedule B item as a pleading for this MOD.

Thanks.

Jae Lim  
FCC/IB

**From:** Jack Narciso <[jack.narciso@ses.com](mailto:jack.narciso@ses.com)>

**Sent:** Thursday, August 5, 2021 2:53 PM

**To:** Jae Lim <[Jae.Lim@fcc.gov](mailto:Jae.Lim@fcc.gov)>

**Subject:** [EXTERNAL]: RE: SES-MOD-20210601-00867; Call Sign: E160139

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Hi Jae,

I apologize I missed that.

Can I provide this over email or is there a way to edit the application?

Jack Narciso  
Technology, Infrastructure Engineering & Maintenance, US



beyond frontiers  
M +1-609-480-5375  
jack.narciso@ses.com • www.ses.com

**From:** Jae Lim <Jae.Lim@fcc.gov>  
**Sent:** Thursday, August 5, 2021 12:07 PM  
**To:** Jack Narciso <jack.narciso@ses.com>  
**Subject:** RE: SES-MOD-20210601-00867; Call Sign: E160139

Jack,

Please also provide the Coord data for SOM027 19700-20200 MHz.

Thanks.

Jae Lim  
FCC/IB

**From:** Jae Lim <Jae.Lim@fcc.gov>  
**Sent:** Thursday, August 5, 2021 11:53 AM  
**To:** jack.narciso@ses.com  
**Subject:** SES-MOD-20210601-00867; Call Sign: E160139

Hi Jack Narciso,

Your MOD schedule B is incomplete.

Please provide Schedule B Coord data for your antenna, SOM027KA.

Thanks.

Jae Lim  
FCC/IB

File No.	SES-MOD-20210601-00867	Call Sign	E160139	Filing State	Pending	Status	APP	Status Date	Jun 1 2021 1:2	No. Sites	1		
Applicant	SES Americom, Inc.												
Class of Station	Fixed Earth Stations	Type of Facility	Transmit/Receive	Nature of Service	FSS = Fixed Satellite Service								
<input checked="" type="checkbox"/> US Licensed Satellites	Certifications: Alien Applicant												
<input type="checkbox"/> Non-US Licensed Satellites	Foreign Corporation												
Routed To: Jae_Lim													
City	Somis	County	Ventura	State	CA	Lat	341932.0N	Lon	1185944.0W	Gnd (m amsl)	312		
NAD83													
Ant Row	Antenna ID	Diameter (m)	Max Input Power (W)	Max Output EIRP	Gain (dBi@GHz)	Gain (dBi@GHz)							
1	SOM027	11	500	82.6	52.0 @ 4	55.7 @ 6							
2	SOM027KA	1.8		49.4 @ 19.95									
Coord 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
4	1165.45	1586.42	115W	137W	49.9	45.7	172.9	210	49.9	45.7	172.9	210.0	SOM027
No Data SOM027KA													
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	6679.42	6701.42	100KG7W	70.20	56.20	T	100 kHz	Digital	14.50	28.18	0.50	SOM027	
2	6679.42	6701.42	30M0G7W	95.70	56.20	T	30.0 MHz	Digital	40.00	10000.00	0.50	SOM027	
3	6628.27	6650.27	100KG7W	70.20	56.20	T	100 kHz	Digital	14.50	28.18	0.50	SOM027	
4	6628.27	6650.27	30M0G7W	95.70	56.20	T	30.0 MHz	Digital	40.00	10000.00	0.50	SOM027	
5	5925	6425	100KG7W	60.20	46.20	T	100 kHz	Digital	4.50	2.82	-9.50	SOM027	
6	5925	6425	30M0G7W	82.50	46.20	T	30.0 MHz	Digital	26.80	478.63	-9.50	SOM027	
7	1564.42	1586.42	100KG7W			R	100 kHz	Digital				SOM027	
8	1564.42	1586.42	22M0G7W			R	22.0 MHz	Digital				SOM027	
9	1165.45	1187.45	100KG7W			R	100 kHz	Digital				SOM027	
10	1165.45	1187.45	100KG7W			R	100 kHz	Digital				SOM027	
11	1165.45	1187.45	100KG7W			R	100 kHz	Digital				SOM027	
12	1165.45	1187.45	22M0G7W			R	22.0 MHz	Digital				SOM027	
13	19700	20200	100KNON			R	100 kHz	None				SOM027	
14	19700	20200	1M00FSD			R	1.00 MHz	Ans/Dig				SOM027KA	
15	19700	20200	100KNON			R	100 kHz	None				SOM027KA	
16	19700	20200	36M0G7W			R	36.0 MHz	Digital				SOM027KA	

PCComms:  
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