

**From:** [Paul Feldman](#)  
**To:** [Jae Lim](#)  
**Cc:** [Kerry Murray](#)  
**Subject:** RE: [EXTERNAL]: FW: SES-MOD-20210528-00860; Call Sign: E150010  
**Date:** Wednesday, November 24, 2021 1:19:43 PM  
**Attachments:** [image001.png](#)  
[image005.png](#)  
[image006.png](#)  
[image007.png](#)  
[image008.png](#)

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Thanks. Can we bring down the bandwidth to 20 MHz? Do you need us to file that as an amendment, or can you process it on this basis?

Thanks very much.

Paul

**Paul J. Feldman**  
  
1300 N. 17th Street, Suite 1100 | Arlington, VA 22209  
Tel: 703.812.0403  
[feldman@fhhlaw.com](mailto:feldman@fhhlaw.com) | [www.fhhlaw.com](http://www.fhhlaw.com) | [www.commlawblog.com](http://www.commlawblog.com)

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**From:** Jae Lim [mailto:[Jae.Lim@fcc.gov](mailto:Jae.Lim@fcc.gov)]  
**Sent:** Wednesday, November 24, 2021 12:53 PM  
**To:** Paul Feldman <[feldman@fhhlaw.com](mailto:feldman@fhhlaw.com)>  
**Cc:** Kerry Murray <[Kerry.Murray@fcc.gov](mailto:Kerry.Murray@fcc.gov)>  
**Subject:** RE: [EXTERNAL]: FW: SES-MOD-20210528-00860; Call Sign: E150010

Hi Paul Feldman,

The emission bandwidth 36MHz is greater than the freq bandwidth, 13750-13771 MHz.  
Please let us know how you would like to proceed.  
Thanks.

13750	13771	36M0G7W	77.00	37.40	T	36.0 MHz	Digital	16.90	48.98	-22.70	2
13750	13771	4M00G7W	71.60	39.23	T	4.00 MHz	Digital	11.50	14.13	-20.87	2
13772	13778	4M00G7W	71.60	39.23	T	4.00 MHz	Digital	11.50	14.13	-20.87	2
13779	14000	36M0G7W	77.00	37.40	T	36.0 MHz	Digital	16.90	48.98	-22.70	2
13779	14000	4M00G7W	71.60	39.23	T	4.00 MHz	Digital	11.50	14.13	-20.87	2

Jae Lim  
FCC/IB

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**From:** Paul Feldman <[feldman@fhhlaw.com](mailto:feldman@fhhlaw.com)>  
**Sent:** Tuesday, November 23, 2021 4:28 PM  
**To:** Jae Lim <[Jae.Lim@fcc.gov](mailto:Jae.Lim@fcc.gov)>  
**Cc:** Kerry Murray <[Kerry.Murray@fcc.gov](mailto:Kerry.Murray@fcc.gov)>  
**Subject:** RE: [EXTERNAL]: FW: SES-MOD-20210528-00860; Call Sign: E150010

You bet. Thank you!

Paul

**Paul J. Feldman**  
  
1300 N. 17th Street, Suite 1100 | Arlington, VA 22209  
Tel: 703.812.0403  
[feldman@fhhlaw.com](mailto:feldman@fhhlaw.com) | [www.fhhlaw.com](http://www.fhhlaw.com) | [www.commlawblog.com](http://www.commlawblog.com)

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**From:** Jae Lim [mailto:[Jae.Lim@fcc.gov](mailto:Jae.Lim@fcc.gov)]  
**Sent:** Tuesday, November 23, 2021 4:23 PM  
**To:** Paul Feldman <[feldman@fhhlaw.com](mailto:feldman@fhhlaw.com)>  
**Cc:** Kerry Murray <[Kerry.Murray@fcc.gov](mailto:Kerry.Murray@fcc.gov)>  
**Subject:** RE: [EXTERNAL]: FW: SES-MOD-20210528-00860; Call Sign: E150010

Thanks for this confirmation.

Jae Lim  
FCC/IB

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**From:** Paul Feldman <[feldman@fhhlaw.com](mailto:feldman@fhhlaw.com)>  
**Sent:** Tuesday, November 23, 2021 4:22 PM  
**To:** Jae Lim <[Jae.Lim@fcc.gov](mailto:Jae.Lim@fcc.gov)>  
**Cc:** Kerry Murray <[Kerry.Murray@fcc.gov](mailto:Kerry.Murray@fcc.gov)>  
**Subject:** RE: [EXTERNAL]: FW: SES-MOD-20210528-00860; Call Sign: E150010

Thanks. That is correct. That is the only change.

Best,

Paul

**Paul J. Feldman**  
  
1300 N. 17th Street, Suite 1100 | Arlington, VA 22209  
Tel: 703.812.0403  
[feldman@fhhlaw.com](mailto:feldman@fhhlaw.com) | [www.fhhlaw.com](http://www.fhhlaw.com) | [www.commlawblog.com](http://www.commlawblog.com)

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

**Sent:** Tuesday, November 23, 2021 3:33 PM  
**To:** Paul Feldman <[feldman@fhhlaw.com](mailto:feldman@fhhlaw.com)>  
**Cc:** Kerry Murray <[Kerry.Murray@fcc.gov](mailto:Kerry.Murray@fcc.gov)>  
**Subject:** RE: [EXTERNAL]: FW: SES-MOD-20210528-00860; Call Sign: E150010

Hi Paul Feldman,

Sorry for the confusion.  
Please verify/confirm only to change the numbers for freq band 13750-14000 MHz.  
Thanks.

Jae Lim  
FCC/IB

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**From:** Jae Lim <[Jae.Lim@fcc.gov](mailto:Jae.Lim@fcc.gov)>  
**Sent:** Tuesday, November 23, 2021 3:24 PM  
**To:** Paul Feldman <[feldman@fhhlaw.com](mailto:feldman@fhhlaw.com)>  
**Cc:** Kerry Murray <[Kerry.Murray@fcc.gov](mailto:Kerry.Murray@fcc.gov)>  
**Subject:** RE: [EXTERNAL]: FW: SES-MOD-20210528-00860; Call Sign: E150010

Hi Paul Feldman,

I'm sorry for the processing delay.  
Please see below the Coordination data fields and confirm changes to calculated values.  
Thanks.

Ord	Freq Lo	Freq Hi	SaArc	SaArc	Elev	Elev	Azim	Azim	Calc Elev	Calc Elev	Calc Azim	Calc Azim	Antenna ID
Row	(MHz)	(MHz)	(East)	(West)	(East)	(West)	(East)	(West)	(East)	(West)	(East)	(West)	
6	13750	14000	172w	172w	48	48	237.7	237.7	60.4	60.4	214.2	214.2	2
7	27500	29100	172w	172w	26.3	26.3	237.7	237.7	60.4	60.4	214.2	214.2	3
8	18400	19200	172w	172w	26.3	26.3	237.7	237.7	60.4	60.4	214.2	214.2	3

Jae Lim  
FCC/IB

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**From:** Paul Feldman <[feldman@fhhlaw.com](mailto:feldman@fhhlaw.com)>  
**Sent:** Tuesday, July 27, 2021 4:33 PM  
**To:** Jae Lim <[Jae.Lim@fcc.gov](mailto:Jae.Lim@fcc.gov)>  
**Subject:** RE: [EXTERNAL]: FW: SES-MOD-20210528-00860; Call Sign: E150010

Thank you!

Paul

**Paul J. Feldman**  
**Fletcher, Heald & Hildreth**  
1300 N. 17th Street, Suite 1100 | Arlington, VA 22209  
Tel: 703.812.0403  
[feldman@fhhlaw.com](mailto:feldman@fhhlaw.com) | [www.fhhlaw.com](http://www.fhhlaw.com) | [www.commlawblog.com](http://www.commlawblog.com)

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**From:** Jae Lim [<mailto:Jae.Lim@fcc.gov>]  
**Sent:** Tuesday, July 27, 2021 4:31 PM  
**To:** Paul Feldman <[feldman@fhhlaw.com](mailto:feldman@fhhlaw.com)>  
**Subject:** Re: [EXTERNAL]: FW: SES-MOD-20210528-00860; Call Sign: E150010

Thanks for this information.  
This is a MOD application, and so I should be able to get it updated.  
Thanks.

Jae Lim  
FCC/IB

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**From:** "Paul Feldman" <[feldman@fhhlaw.com](mailto:feldman@fhhlaw.com)>  
**Date:** Tuesday, July 27, 2021 at 4:25:55 PM  
**To:** "Jae Lim" <[Jae.Lim@fcc.gov](mailto:Jae.Lim@fcc.gov)>  
**Subject:** RE: [EXTERNAL]: FW: SES-MOD-20210528-00860; Call Sign: E150010

Jae: Hawaii Pacific Teleport accepts the revisions to 39.23 dbW/4K.

Are these emails sufficient for you to process the application, or do you need HPT to file an amendment?

Thank you.

Paul Feldman

**Paul J. Feldman**  
**Fletcher, Heald & Hildreth**  
1300 N. 17th Street, Suite 1100 | Arlington, VA 22209  
Tel: 703.812.0403  
[feldman@fhhlaw.com](mailto:feldman@fhhlaw.com) | [www.fhhlaw.com](http://www.fhhlaw.com) | [www.commlawblog.com](http://www.commlawblog.com)

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**From:** Jae Lim [<mailto:Jae.Lim@fcc.gov>]  
**Sent:** Tuesday, July 27, 2021 1:54 PM  
**To:** Paul Feldman <[feldman@fhhlaw.com](mailto:feldman@fhhlaw.com)>  
**Subject:** RE: [EXTERNAL]: FW: SES-MOD-20210528-00860; Call Sign: E150010

Hi Paul,

According to my calculation, you would have to lower 41.6 dBW/4K to 39.23 dBW/4K.

Please confirm this change.

Thanks.

Jae Lim  
FCC/IB

File No.	SES-MOD-20210528-00860	Call Sign	E150010	Filing State	Pending	Status	APP	Status Date	May 28 2021 11	No. Sites	1		
Applicant	Hawaii Pacific Teleport LLLP			File Date	May 28 2021	Last Action		Action Date					
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	<input type="checkbox"/> Non-US Licensed Satellites		Certifications	Alien Applicant Foreign Corporation		Routed To	Jae_Lim						
City	Kapolei	County	Honolulu	State	HI	Lat	212012.0N	Lon	1580525.2W	Gnd (m amsl)	37.2	NAD83	
Ant Row	Antenna ID	Diameter (m)	Max Input Power (W)	Max Output EIRP	Gain (dBi@GHz)	Gain (dBi@GHz)							
1	1	15.5	350	83.44	54.7 @ 3.95	58.0 @ 6.175							
2	2	9	350	85.54	58.5 @ 11.95	60.1 @ 14.25							
Crd 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	120W	226W	41	12	115	261.6	40.5	12.0	114.9	261.6	1
2	5925	6425	120W	226W	41	12	115	261.6	40.5	12.0	114.9	261.6	1
3	14000	14500	36M0G7W	85.54	46.00	T	36.0	MHz	Digital	25.44	349.95	-14.10	2
4	14000	14500	4M00G7W	76.00	46.00	T	4.00	MHz	Digital	15.90	38.90	-14.10	2
5	11450	11700	36M0G7W			R	36.0	MHz	Digital				2
6	11450	11700	4M00G7W			R	4.00	MHz	Digital				2
7	10950	11200	26M0G7W			R	26.0	MHz	Digital				2
8	10950	11200	4M00G7W			R	4.00	MHz	Digital				2
9	13750	13771	36M0G7W	77.00	37.40	T	36.0	MHz	Digital	16.90	48.98	-22.70	2
10	13750	13771	4M00G7W	71.60	41.6	T	4.00	MHz	Digital	11.50	14.13	-18.50	2
11	13772	13778	4M00G7W	71.60	41.6	T	4.00	MHz	Digital	11.50	14.13	-18.50	2
12	13779	14000	36M0G7W	77.00	37.40	T	36.0	MHz	Digital	16.90	48.98	-22.70	2
13	13779	14000	4M00G7W	71.60	41.6	T	4.00	MHz	Digital	11.50	14.13	-18.50	2
14	27500	29100	133M4G7W	80.90	35.70	T	133	MHz	Digital	12.60	18.20	-28.40	3
15	27500	29100	51M4G7W	76.70	35.70	T	51.4	MHz	Digital	12.60	18.20	-28.40	3
16	18400	19200	133M4G7W			R	133	MHz	Digital				3
17	18400	19200	51M4G7W			R	51.4	MHz	Digital				3

PerComms:  
 PERMITTED LIST @  
 EUTELSAT174A(S2610) @ 174 E. L.  
 EUTELSAT172B(S3021) @ 172 E. L.

From: Paul Feldman <feldman@fhhlw.com>  
 Sent: Tuesday, July 27, 2021 10:24 AM  
 To: Jae Lim <jae.lim@fcc.gov>  
 Subject: [EXTERNAL]: FW: SES-MOD-20210528-00860; Call Sign: E150010

CAUTION: This email originated from outside of the Federal Communications Commission. Do not click on links or open attachments unless you recognize the sender and trust the content to be safe. If you suspect this is a phishing attempt, please use the 'Report Message' feature in Microsoft Outlook or forward the email to the NSOC.

Hi there.

Updated power levels are below. Can you confirm these are acceptable and then we can take the next step to have them uploaded?

- Site Identifier: 1**  
**Antenna ID: 2**
- E43: Frequency Lower ( MHz ) : 13779  
 E45: T/R Mode: T  
 E44: Frequency Upper ( MHz ) : 14000  
 E46: Polarization: Horizontal and Vertical
- E47: Emission Designator: 4M00G7W  
 E48: Maximum EIRP per Carrier (dBW): 71.6  
 E49: Maximum EIRP Density per Carrier (dBW): 41.6
- E50: Modulation and Services: Digital Data carrier
- E43: Frequency Lower ( MHz ) : 13779  
 E45: T/R Mode: T  
 E44: Frequency Upper ( MHz ) : 14000  
 E46: Polarization: Horizontal and Vertical
- E47: Emission Designator: 36M0G7W  
 E48: Maximum EIRP per Carrier (dBW): 77.0  
 E49: Maximum EIRP Density per Carrier (dBW): 37.4
- E50: Modulation and Services: Digital Data carrier
- 43: Frequency Lower ( MHz ) : 13772  
 E45: T/R Mode: T  
 E44: Frequency Upper ( MHz ) : 13778  
 E46: Polarization: Horizontal and Vertical
- E47: Emission Designator: 4M00G7W  
 E48: Maximum EIRP per Carrier (dBW): 71.6  
 E49: Maximum EIRP Density per Carrier (dBW): 41.6
- E50: Modulation and Services: Digital Data carrier
- E43: Frequency Lower ( MHz ) : 13750  
 E45: T/R Mode: T  
 E44: Frequency Upper ( MHz ) : 13771  
 E46: Polarization: Horizontal and Vertical
- E47: Emission Designator: 36M0G7W

E48: Maximum EIRP per Carrier (dBW): 77.0  
 E49: Maximum EIRP Density per Carrier (dBW): 37.4

E50: Modulation and Services:

Digital Data carrier

E43: Frequency Lower ( MHz ) : 13750  
 E45: T/R Mode: T

E44: Frequency Upper ( MHz ) : 13771  
 E46: Polarization: Horizontal and Vertical

E47: Emission Designator: 4M00G7W  
 E48: Maximum EIRP per Carrier (dBW): 71.6  
 E49: Maximum EIRP Density per Carrier (dBW): 41.6

E50: Modulation and Services:

Digital Data carrier

Thanks very much.

Paul

**Paul J. Feldman**  
 Fletcher, Heald & Hildreth  
 1300 N. 17th Street, Suite 1100 | Arlington, VA 22209  
 Tel: 703.812.0403  
[feldman@fhblaw.com](mailto:feldman@fhblaw.com) | [www.fhblaw.com](http://www.fhblaw.com) | [www.commlawblog.com](http://www.commlawblog.com)

**From:** Jae Lim [<mailto:Jae.Lim@fcc.gov>]  
**Sent:** Monday, July 26, 2021 3:39 PM  
**To:** Paul Feldman <[feldman@fhblaw.com](mailto:feldman@fhblaw.com)>  
**Subject:** SES-MOD-20210528-00860; Call Sign: E150010

Hi Paul Feldman,

Please see the comments below and provide corrected eirp density for 13.75-14 GHz.

Thanks.

Eirp Density (45.4 dBW/4kHz) on 13750-13771 36M0G7W exceeds 71 dBW/6MHz (see 25.204) on SiteID 1, AntennaID 2

Eirp Density (46.1 dBW/4kHz) on 13750-13771 4M00G7W exceeds 71 dBW/6MHz (see 25.204) on SiteID 1, AntennaID 2

Eirp Density (41.5 dBW/4kHz) on 13772-13778 4M00G7W exceeds 71 dBW/6MHz (see 25.204) on SiteID 1, AntennaID 2

Eirp Density (45.4 dBW/4kHz) on 13779-14000 36M0G7W exceeds 71 dBW/6MHz (see 25.204) on SiteID 1, AntennaID 2

Eirp Density (46.1 dBW/4kHz) on 13779-14000 4M00G7W exceeds 71 dBW/6MHz (see 25.204) on SiteID 1, AntennaID 2

File No.	SES-MOD-20210528-00860	Call Sign	E150010	Filing State	Pending	Status	AFP	Status Date	May 28 2021 11	No. Sites	1		
Applicant	Hawaii Pacific Teleport LLLP												
Class of Station	Fixed Earth Stations	Type of Facility	Transmit/Receive	Nature of Service	FSS = Fixed Satellite Service	Routed To	Jae_Lim						
City	Kapolei	County	Honolulu	State	HI	Lat	212012.0N	Long	1580525.2W	Grnd (m amsl)	37.2	NAD83	
Ant Row	Antenna ID	Diameter (m)	Max Input Power (W)	Max Output Eirp (dBW)	Gain (dBi@GHz)	Gain (dBi@GHz)							
1	1	15.5	350	83.44	54.7 @ 3.95	58.0 @ 6.175							
2	2	9	350	85.54	58.5 @ 11.95	60.1 @ 14.25							
3	3	9.2	177	85.1	61.5 @ 19.7	64.1 @ 28.5							
Crd 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
7	27500	29100	172W	172W	26.3	26.3	237.7	237.7	60.4	60.4	214.2	214.2	3
8	18400	19200	172W	172W	26.3	26.3	237.7	237.7	60.4	60.4	214.2	214.2	3
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	5925	6425	36M0G7W	83.44	43.90	T	36.0 MHz	Digital	25.44	349.95	-14.10	1	
2	5925	6425	51K2G7W	54.97	43.90	T	51.2 kHz	Digital	-3.03	.50	-14.10	1	
3	3700	4200	36M0G7W			R	36.0 MHz	Digital				1	
4	3700	4200	51K2G7W			R	51.2 kHz	Digital				1	
5	14000	14500	36M0G7W	85.54	46.00	T	36.0 MHz	Digital	25.44	349.95	-14.10	2	
6	14000	14500	4M00G7W	76.00	46.00	T	4.00 MHz	Digital	15.90	38.90	-14.10	2	
7	11450	11700	36M0G7W			R	36.0 MHz	Digital				2	
8	11450	11700	4M00G7W			R	4.00 MHz	Digital				2	
9	10950	11200	26M0G7W			R	26.0 MHz	Digital				2	
10	10950	11200	4M00G7W			R	4.00 MHz	Digital				2	
11	13750	13771	36M0G7W	85.00	45.4	T	36.0 MHz	Digital	24.90	309.03	-14.70	2	
12	13750	13771	4M00G7W	76.10	46.1	T	4.00 MHz	Digital	16.00	39.81	-14.00	2	
13	13772	13778	4M00G7W	71.50	41.5	T	4.00 MHz	Digital	11.40	13.80	-18.60	2	
14	13779	14000	36M0G7W	85.00	45.4	T	36.0 MHz	Digital	24.90	309.03	-14.70	2	
15	13779	14000	4M00G7W	76.10	46.1	T	4.00 MHz	Digital	16.00	39.81	-14.00	2	
16	27500	29100	133M7W	80.90	35.70	T	133. MHz	Digital	16.80	47.86	-28.40	3	
17	27500	29100	51M4G7W	76.70	35.70	T	51.4 MHz	Digital	12.60	18.20	-28.40	3	
18	18400	19200	133M7W			R	133. MHz	Digital				3	
19	18400	19200	51M4G7W			R	51.4 MHz	Digital				3	

PerComms:  
 PERMITTED LIST @  
 EUTELSAT174A(S2610) @ 174 E.L.  
 EUTELSAT172B(S3021) @ 172 E.L.

Jae Lim  
 FCC/IB