

president@pax-et-bonum-radio.org

From: Jae Lim <Jae.Lim@fcc.gov>
Sent: Tuesday, August 07, 2018 3:20 PM
To: president@pax-et-bonum-radio.org
Cc: Paul Blais
Subject: SES-REG-20180706-02037; 2nd Antenna Info.

Hi Thomas M Threlkeld,

Please provide Freq information for your 2nd antenna.

We only have information for CV-3.8.

Please submit corrections by filing a supplemental pleading.

Please go to MyIBFS website, select the "Pleadings and Comments" link, and follow those screens to submit a supplement to your application.

FREQUENCY

E28. Antenna Id	E43/44. Frequency Bands(MHz)	E45. T/R Mode	E46. Antenna Polari
CV-3.8	3700 4200	R	Linear and Circular
E50. Modulation and Services NULL			

Dear Jae,

I went to "Pleadings and Comments"
I could not figure out how to
access an editable file of the application
so I have hand written information
I think you may need on ~~the~~ the
attached. If something else is
required please send more instructions
Thomas M Threlkeld

File No.	SES-REG-20180706-02037	Call Sign:	E181271	Filing State:	Pending	Status:	AFP	Status Date:	Jul 31 20
Applicant:	Pax et Bonum, Inc.		File Date:	Jul 6 2018 10		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		Certifications:		Alien Applicant		Routed To: Jae_Lim		
<input type="checkbox"/>	Non-US Licensed Satellites				Foreign Corporation				
1									


City: Cherry Valley County: Otsego State: NY Lat: 424629.0N Lon: 0744053.0W Gnd (m amsl): 60.9 NA

Ant Row	Antenna ID	Diameter (m)	Max Input Power (W)	Max Output Eirp	Gain (dBi@GHz)
1	1	3.8			42.5 @
2	2	1.8			35.9 @ 3.79005

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	3W	139W	5	5	103.32	252.54	4.7	10.0	102.7	251.9	1
2	3700	4200	3W	139W	5	5	1	252.54	4.7	10.0	102.7	251.9	2

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
	No	Data										2

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



INTERNATIONAL BUREAU
FCC ANTENNA DETAILS - Fri Aug 10 10:34:43 US/Eastern 2018

Antenna Key = -327679;

Site ID: 1 Manufacturer: unknown Model: unknown Building Height AGL (m): 0 Max Antenna Height AGL (m): 5 Max Antenna Height AMSL (m): 680 Max Antenna Height Above Rooftop (m): 0	Antenna ID: 2 Diameter (meters): 1.8 Diameter Minor (m): 1.8 Diameter Major (m): 1.8 Quantity: 1 Total Power (Watts): Total EIRP (dBW):
--	--

Antenna Gain (dBi)	@ (Ghz)
35.9	3.79005

Azimuth Angle Eastern Limit	Azimuth Angle Western Limit	Antenna Elevation Angle Eastern Limit	Antenna Elevation Angle Western Limit	Lower Frequency Limit	Upper Frequency Limit	Max EIRP Density (dBW/4KHz)	Satellite Arc Eastern Limit	Satellite Arc Western Limit	Satellite Orbit Type
103.32	252.54	5	5	3700.0000	4200.0000		3 W	139 W	G

Pre-Defined Reports

- [International Telecommunications | Satellite Earth Stations |](#)
- [Satellite Space Stations |](#)
- [International HF Broadcast Stations and Public Fixed Radio Stations](#)
- [| General Reports](#)

General Reports

- [Public Notice Search](#)
- [Condition and Provision Text Listing by Code Number](#)
- [Condition and Provision Text Listing for a Given Condition Code and/or Subsystem](#)
- [International Section 214s Authorized Prior to March 1996](#)
- [Application Status - Search by Old File Number](#)

POINTS OF COMMUNICATION

Satellite Name: PERMITTED LIST | If you selected OTHER, please enter the following:

E21. Common Name: _____

E22. ITU Name: _____

E23. Orbit Location: _____

E24. Country: _____

POINTS OF COMMUNICATION (Destination Points)

E25. Site Identifier: Cherry Valley

E26. Common Name: _____

E27. Country: USA

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size<meters>	E41/42. Antenna Gain Transmitt and/or Recieve (___ dBi at ___ GHz)
Cherry Valley	CV-3.8	1	True Focus	4P12.5-C	3.8	42.5 dBi at 3.790075
<i>Cherry Valley</i>	CV-1.8		unknown	unknown	1.8	35.9 dBi at 3.79005

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level (meters)	E36. Above Sea Level (meters)	E37. Building Height Above Ground Level (meters)	E38. Input Power at antenna flange (Watts)	E39. Maximum Antenna Height Above Rooftop (meters)	E40. Total EIRP for all carriers (dBW)
CV-3.8	3.8/3.8	7.0	680.0	0.0	0.0	0.0	0.0
<i>CV-1.8</i>	<i>1.8/1.8</i>	<i>4.0</i>	<i>680.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>

CV-1.8	1.8/1.8	5.0	680.0	0.0	0.0	0.0	0.0
--------	---------	-----	-------	-----	-----	-----	-----

FREQUENCY

E28. Antenna Id	E43/44. Frequency Bands (MHz)	E45. T/R Mode	E46. Antenna Polarization(H,V, L,R)	E47. Emission Designator	E48. Maximum EIRP per Carrier (dBW)	E49. Maximum EIRP Density per Carrier (dBW/4kHz)
CV-3.8 CV-1.8	3700 3700 4200	R R	Linear and Circular Linear and Circular	36MOG7W 36MOG7W	0.0 0.0	0.0 0.0

E50. Modulation and Services (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)

NULL

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W Limit	E56. Earth Station Azimuth Angle Eastern Limit	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
CV-3.8	Geostationary	3700 4200	3.0/ 139.0	103.32	5.0	252.54	5.0	0.0
CV-1.8	Geostationary	3700 4200	3.0/ 139.0	103.32 103.32	5.0	252.54	5.0	0.0

