

Jae Lim

From: Dave Niles <dniles@hancocktelephone.com>
Sent: Tuesday, February 16, 2021 4:08 PM
To: Jae Lim
Cc: Lew Martin
Subject: RE: SES-REG-20181015-07064; Call Sign: E210036

Jae Lim:

We would like to confirm you values for item 2 below as well as Yes for compliance on item 3 below. As far as Gain figure for our Antennas at the dish Site, I could only find the values for the 2 newest antennas:

Patriot 3.8M dish is 41.5 dBi

SES 3.7M dish is 40.9 dBi

Our one large dish is either 4.5 or 5M and should therefor have a gain of around 43.6dBi but I could not find any documentation.

The other Antennas are approx. 3 M in size with 3 of the 4 also being of Mesh construction. The Old Channel master residential style dish is the only one that is fiberglass. The gain for ea. Should likely be significantly below 39dBi

Dave Niles
Hancel Inc. dba Hancock Video/ Hancock Telephone Co.

607-637-9944
607-725-3932 – Cell.

From: Lew Martin <lewm@hancocktelephone.com>
Sent: Thursday, February 11, 2021 2:38 PM
To: Dave Niles <dniles@hancocktelephone.com>
Subject: Fwd: SES-REG-20181015-07064; Call Sign: E210036

Sent from my iPhone

Begin forwarded message:

From: Jae Lim <Jae.Lim@fcc.gov>
Date: February 11, 2021 at 2:28:45 PM EST
To: Lew Martin <lewm@hancocktelephone.com>, lewm@hancock.net
Subject: SES-REG-20181015-07064; Call Sign: E210036

Hi Mr. Lewis Martin,

I hope all is well.

Your C-band REG schedule B is incomplete.

Please provide the following information and confirm changes:

- 1) no antenna gain for all antennas. Please provide antenna gain for all antennas at 3700-4200 MHz.
- 2) elev and azim will be updated to 40.8, 7.8, 167.7, and 254.7 per ibfstools as you see below in red. Please confirm these changes.
- 3) Please confirm "Yes" for antenna compliance 25.209

Thanks.

Jae Lim
FCC/IB

File No:	SES-REG-20181015-07064	Call Sign:	E210036	Filing State:	Pending	Status:	FPRVD	Status Date:					
Applicant:	Hancel, Inc.			File Date:	Oct 15 2018	Last Action:	DDA	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									Routed To:	Jae			
<input type="checkbox"/> Non-US Licensed Satellites	Certifications: OK No Antenna Compliance (25.209) on Hancel, Inc												
Hancel, Inc													
City:	Hancock	County:	Delaware	State:	NY	Lat:	415754.0N	Lon:	0751735.0W	Gnd (m amsl):	311		
Ant Row	Antenna ID	Diameter (m)	Max Input Power (W)	Max Output Eirp									
1	AMC-11	3											
2	SES-1	3											
3	SES-3	3											
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
1	3700	4200	67W	143W					40.8	7.8	167.7	254.7	AMC-11
2	3700	4200	67W	143W					40.8	7.8	167.7	254.7	SES-1
3	3700	4200	67W	143W					40.8	7.8	167.7	254.7	SES-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	
1	3700	4200	36M0G7W			R	36.0 MHz	Digital				AMC-1	
2	3700	4200	36M0G7W			R	36.0 MHz	Digital				SES-1	
3	3700	4200	36M0G7W			R	36.0 MHz	Digital				SES-3	
4	3700	4200	36M0G7W			R	36.0 MHz	Digital				g14	
5	3700	4200	36M0G7W			R	36.0 MHz	Digital				G17	