

From: Brooks, Daniel
 To: Jae Lim
 Cc: Hindin, Jennifer
 Subject: RE: SES-MOD-20181017-03682; call sign: KB32
 Date: Wednesday, June 24, 2020 2:58:49 PM
 Attachments: image001.png
 image002.png

Hi, Jae; thank you for your email. I have provided answers to your questions below:

1. The emission designators for 3625-4200 MHz Antenna 1 should match the emission designators listed for 5850-6425 MHz Antenna 1.
2. Please replace the points of communication with "Permitted List."

Please let us know if you have any questions or if we can provide you with any additional information. Thank you.

Best regards,
 Dan Brooks

From: Jae Lim <Jae.Lim@fcc.gov>
 Date: June 18, 2020 at 8:37:11 AM EDT
 To: "Hindin, Jennifer" <JHindin@wiley.law>
 Subject: SES-MOD-20181017-03682; call sign: KB32

Hi Jennifer,

Please take a look below and provide the following info:

1. Emission for 3625-4200 MHz antenna 1
2. Some PntComms are either retired or replaced. Please verify PntComm.

Thanks and have a safe great day.

D) Points of Communications

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

- 1) 1 to New Skies Satellite, N.V. 513 @ 183.0 E.L. (Netherlands-licensed) (Non-U.S.-licensed)
- 2) 1 to Permitted Space Station List
- 3) 1 to INTELSAT 805 (S2404) @ 304.5 E.L. (U.S.-licensed)
- 4) 1 to INTELSAT AOR @ 307.0 E.L. satellite of the INTELSAT system (U.S.-licensed)
- 5) 1 to INTELSAT POR @ 176.0 E.L. satellite of the INTELSAT system (U.S.-licensed)
- 6) 1 to INTELSAT POR @ 180.0 E.L. (U.S.-licensed)
- 7) 1 to INTELSAT POR @ 174.0 E.L. satellite of the INTELSAT system (U.S.-licensed)
- 8) 1 to PANAMSAT 9 @ 38.0 W.L. S2380 (U.S.-licensed domestic satellite)

File No.	SES-MOD-20181017-03682	Call Sign	KB32	Filing State	Pending	Status	AFF	Status Date	Feb 11 2019 4:	No. Sites	1		
Applicant	AT&T Corp.												
Class of Station	Fixed Earth Stations	Type of Facility	Transmit/Receive	Nature of Service	FSS = Fixed Satellite Service								
US Licensed Satellites	<input checked="" type="checkbox"/>												
Non-US Licensed Satellites	<input type="checkbox"/>												
Certifications	OK Requires Freq. Coord. Exhibit for 1												
Routed To:	Jae_Lim												
City	MALIBU	County	LOS ANGELES	State	CA	Lat	340451.0N	Lon	1185347.3W	Grnd (m amsl)	335.28	NAD83	
Ant. Row	Antenna ID	Diameter (m)	Max Input Power (W)	Max Output Eqp.	Gain (dBi@GHz)	Gain (dBi@GHz)							
1	13.1	13.1	500	84.28	53.5 @ 3.95	57.3 @ 6.175							
2	11.1	11.1	500	82.58	51.9 @ 3.95	55.6 @ 6.175							
3													
Ord. Row	Freq Lo (MHz)	Freq Hi (MHz)	SatArc (E/east)	SatArc (W/west)	Elev (E/east)	Elev (W/west)	Azim (E/east)	Azim (W/west)	Calc Elev (E/east)	Calc Elev (W/west)	Calc Azim (E/east)	Calc Azim (W/west)	Antenna ID
5	5850	6425	52W	187W	10.4	9.4	103.4	257.3	10.4	9.4	103.4	257.3	11.1
6	3625	4200	52W	187W	10.4	9.4	103.4	257.3	10.4	9.4	103.4	257.3	11.1
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	
25	5850	6425	54K6G7W	69.60	58.20	T	54.6 kHz	Digital	5.60	3.63	-5.80	1	
26	5850	6425	109K7W	72.60	58.20	T	109. kHz	Digital	8.60	7.24	-5.80	1	
27	5850	6425	218K7W	75.60	58.20	T	218. kHz	Digital	11.60	14.45	-5.80	1	
28	5850	6425	328K7W	77.40	58.30	T	328. kHz	Digital	13.40	21.88	-5.70	1	
29	5850	6425	437K7W	78.60	58.20	T	437. kHz	Digital	14.60	28.84	-5.80	1	
30	5850	6425	659K7W	80.40	58.30	T	659. kHz	Digital	16.40	43.65	-5.70	1	
31	5850	6425	1M31G7W	83.40	58.20	T	1.31 MHz	Digital	19.40	87.10	-5.80	1	
32	5850	6425	1M75G7W	84.70	58.30	T	1.75 MHz	Digital	20.70	117.49	-5.70	1	
33	5850	6425	5M56G7W	88.90	57.50	T	5.96 MHz	Digital	24.90	309.03	-6.50	1	
34	5850	6425	7M44G7W	90.10	57.40	T	7.44 MHz	Digital	26.10	407.38	-6.60	1	
35	5850	6425	30M7G7W	77.00	38.20	T	30.7 MHz	Digital	13.00	19.95	-25.80	1	
36	5850	6425	69M95G7W	91.20	39.00	T	66.8 MHz	Digital	17.20	52.48	-25.00	1	
37	5850	6425	307K7W	55.70	36.90	T	307. kHz	Digital	-3.30	15	-27.10	1	
38	5850	6425	614K7W	55.70	33.80	T	614. kHz	Digital	-3.30	15	-30.20	1	
39	5850	6425	1M23G7W	55.70	30.80	T	1.23 MHz	Digital	-3.30	15	-33.20	1	
40	5850	6425	38K4G7W	66.50	56.70	T	38.4 kHz	Digital	2.50	1.78	-7.30	1	
41	5850	6425	54K6G7W	67.50	56.10	T	54.6 kHz	Digital	3.50	2.24	-7.90	1	
42	5850	6424	164K7W	71.00	54.90	T	164. kHz	Digital	7.00	5.01	-9.10	1	
43	3625	4200				R	Unknown	Unknown				1	
44	5850	6425	54K6G7W	65.95	54.60	T	54.6 kHz	Digital	8.65	7.33	-2.70	13.1	
45	5850	6425	72M0G7W	84.28	41.73	T	72.0 MHz	Digital	26.98	498.88	-15.57	13.1	
46	3625	4200	54K6G7W			R	54.6 kHz	Digital				13.1	
47	3625	4200	72M0G7W			R	72.0 MHz	Digital				13.1	
48	5850	6425	72M0G7W	82.58	40.03	T	72.0 MHz	Digital	26.98	498.88	-15.57	11.1	
49	5850	6425	54K6G7W	64.25	52.90	T	54.6 kHz	Digital	8.65	7.33	-2.70	11.1	
50	3625	4200	72M0G7W			R	72.0 MHz	Digital				11.1	
51	3625	4200	54K6G7W			R	54.6 kHz	Digital				11.1	

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

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