From: Murphy, Rodney (FAA)
To: Jae Lim
Subject: RE: SES-DBM-20190906-01276; Call Sign: E050298
Date: Thursday, October 31, 2019 2:57:39 PM
Attachments: image001.png

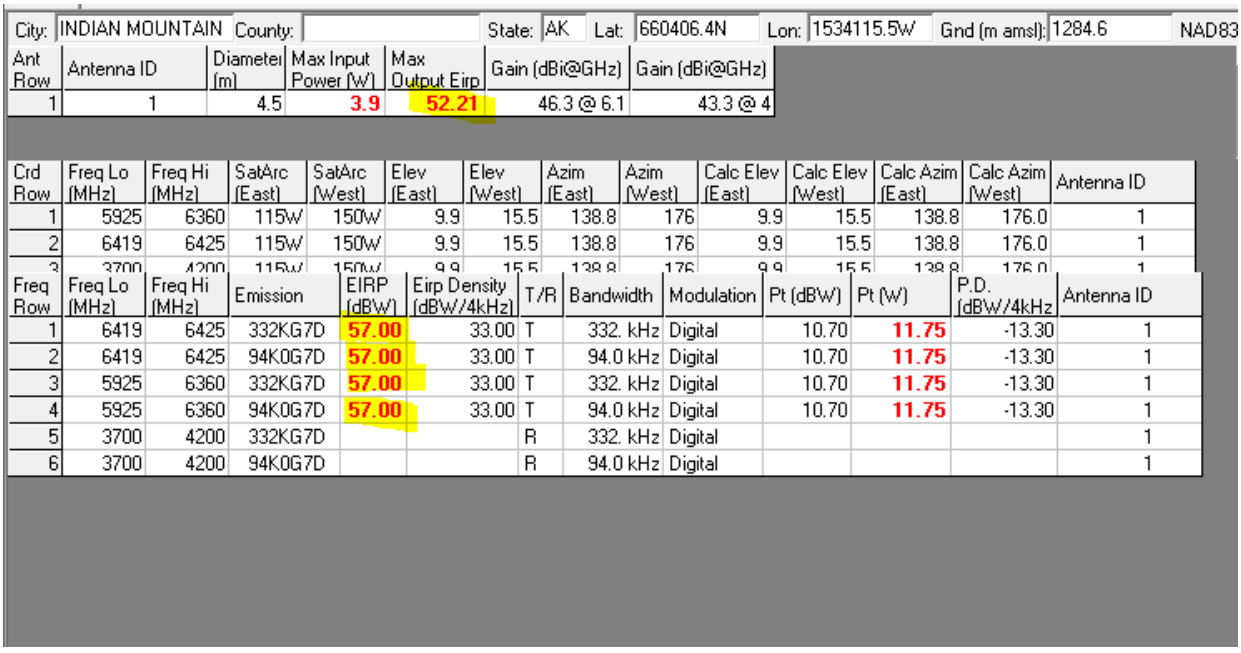
Please change the EIRP to 52.21 dBW. Thank you.

Rodney Murphy
Federal Aviation Administration
Spectrum Engineering and Policy
Fixed/Land Mobile,UAS, Satellite, Experimentals
FAA FAS Representative
202-267-9501

From: Jae Lim <Jae.Lim@fcc.gov>
Sent: Tuesday, October 22, 2019 4:54 PM
To: Murphy, Rodney (FAA) <rodney.murphy@faa.gov>
Subject: SES-DBM-20190906-01276; Call Sign: E050298

Hi Rodney Murphy,

I'm reviewing your application and I need to verify your EIRP (57 dBW).
It must be less than Max Output EIRP (52.21 dBW).
Do you want to use 52.21 dBW for EIRP or 57 dBW for Max Output EIRP?
Thanks.



City: INDIAN MOUNTAIN | County: | State: AK | Lat: 660406.4N | Lon: 1534115.5W | Gnd (m amsl): 1284.6 | NAD83

Ant Row	Antenna ID	Diameter (m)	Max Input Power (W)	Max Output Eirp	Gain (dBi@GHz)	Gain (dBi@GHz)
1	1	4.5	3.9	52.21	46.3 @ 6.1	43.3 @ 4

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	5925	6360	115W	150W	9.9	15.5	138.8	176	9.9	15.5	138.8	176.0	1
2	6419	6425	115W	150W	9.9	15.5	138.8	176	9.9	15.5	138.8	176.0	1
3	3700	4200	115W	150W	9.9	15.5	138.8	176	9.9	15.5	138.8	176.0	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
1	6419	6425	332KG7D	57.00	33.00	T	332. kHz	Digital	10.70	11.75	-13.30	1
2	6419	6425	94K0G7D	57.00	33.00	T	94.0 kHz	Digital	10.70	11.75	-13.30	1
3	5925	6360	332KG7D	57.00	33.00	T	332. kHz	Digital	10.70	11.75	-13.30	1
4	5925	6360	94K0G7D	57.00	33.00	T	94.0 kHz	Digital	10.70	11.75	-13.30	1
5	3700	4200	332KG7D			R	332. kHz	Digital				1
6	3700	4200	94K0G7D			R	94.0 kHz	Digital				1

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