

From: [Keir, David S.](#)
To: [Jae Lim](#)
Subject: [EXTERNAL]: RE: SES-MFS-20210127-00153; Call Sign: E080100
Date: Tuesday, June 15, 2021 2:58:15 PM
Attachments: [image002.png](#)
[image003.png](#)

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That should be fine.

Thanks,
David

David S. Keir
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From: Jae Lim <Jae.Lim@fcc.gov>
Sent: Tuesday, June 15, 2021 1:06 PM
To: Keir, David S. <DKeir@lermansenter.com>
Subject: SES-MFS-20210127-00153; Call Sign: E080100

Hi David S. Keir,

For antenna2 freq band 14050-14470 MHz, we need to increase 2.6 degree elev to 3 degrees per 25.205 (b).

Please confirm this for me.

Thanks.

Jae Lim
FCC/IB

File No.	SES-MFS-20210127-00153	Call Sign:	E080100	Filing State:	Pending	Status:	AFPN	Status Date:	Apr 7 2021 8:4				
Applicant:	GEE Licensing Holdings LLC	File Date:	Jan 27 2021 1	Last Action:		Action Date:		No. Sites:	3				
Class of Station:	Other	Type of Facility:	Transmit/Receive	Nature of Service:	ESAA = Earth Station Aboard Aircraft FSS = Fixed Satellite Service								
☒ US Licensed Satellites		Certifications:	OK										
☒ Non-US Licensed Satellites			No Antenna Compliance (25.209) on 3					Routed To:	Jae_Lim				
3	1	2											
City:	CONUS	County:		State:		Lat:		Lon:					
Ant Row	Antenna ID	Diameter (m)	Max Input Power (W)	Max Output Eirp	Gain (dBi@GHz)	Gain (dBi@GHz)		Grnd (m amsl)	NADNA				
1	2	0.62	31.6	43.8	28.8 @ 14.25	31.1 @ 11.2							
PiComms: SES-1 (S2807) @ 101.0 W.L. ANIK-F1 (S3079) @ 109.2 W.L. AMC 2 @ 84.85 AMC 3 (S2162) @ 72 W.L.													
Cid 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
7	11450	12200	37.5W	127W	20.9	2.6	194.4	119.5					2
8	14050	14470	37.5W	127W	20.9	2.6	194.4	119.5					2
9	14050	14470	37.5W	127W	20.9	2.6	194.4	119.5					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	14050	14470	1M60G7D	41.30	17.20	T	1.60 MHz	Digital	12.50	17.78	-11.60		2
2	14050	14470	6M40G7D	43.80	13.70	T	6.40 MHz	Digital	15.00	31.62	-15.10		2
3	14050	14470	1M60G7D	38.80	14.80	T	1.60 MHz	Digital	10.00	10.00	-14.00		2
4	14050	14470	3M20G7D	43.80	16.70	T	3.20 MHz	Digital	15.00	31.62	-12.10		2
5	14050	14470	3M20G7D	41.80	14.80	T	3.20 MHz	Digital	13.00	19.95	-14.00		2
6	14050	14470	1M60G7D	36.00	11.90	T	1.60 MHz	Digital	7.20	5.25	-16.90		2
7	14050	14470	1M60G7D	41.30	16.20	T	1.60 MHz	Digital	12.50	17.78	-12.60		2
8	14050	14470	3M20G7D	43.80	16.20	T	3.20 MHz	Digital	15.00	31.62	-12.60		2
9	14050	14470	1M20G7D	42.80	18.70	T	1.20 MHz	Digital	14.00	25.12	-10.10		2
10	14050	14470	2M04G7D	42.80	15.70	T	2.04 MHz	Digital	14.00	25.12	-13.10		2
11	14050	14470	4M09G7D	42.80	12.70	T	4.09 MHz	Digital	14.00	25.12	-16.10		2
12	12250	12750	36M0G7D			R	36.0 MHz	Digital					2
13	11450	12200	36M0G7D			R	36.0 MHz	Digital					2
14	11200	11450	36M0G7D			R	36.0 MHz	Digital					2
15	10950	11200	36M0G7D			R	36.0 MHz	Digital					2
16	10700	11700	36M0G7D			R	36.0 MHz	Digital					2
17	14050	14470	4M09G7D	43.80	13.70	T	4.09 MHz	Digital	15.00	31.62	-15.10		2
18	14050	14470	2M04G7D	43.80	16.70	T	2.04 MHz	Digital	15.00	31.62	-12.10		2
19	12500	12750	36M0G7D			R	36.0 MHz	Digital					2
20	14050	14470	1M02G7D	41.30	17.20	T	1.02 MHz	Digital	12.50	17.78	-11.60		2
21	11450	11700	36M0G7D			R	36.0 MHz	Digital					2
22	14050	14470	1M02G7D	43.80	18.70	T	1.02 MHz	Digital	15.00	31.62	-10.10		2