Approved by OMB
3060−0678

Date & Time Filed: Oct 16 2018 1:06:20:030PM
File Number: SES−AMD−INTR2018−08379

FCC APPLICATION FOR SPACE AND EARTH STATION:MOD OR AMD − MAIN FORM FCC 312 MAIN FORM FOR OFFICIAL USE ONLY	FCC Use Only

APPLICANT INFORMATION
Enter a description of this application to identify it on the main menu:
Corporate − Modification of SES−REG−20180703−01981

1−8. Legal Name of Applicant

Name:	Charter Communications Operating, LLC	**Phone Number:**	303−323−1423
DBA Name:		**Fax Number:**	
Street:	12405 Powerscourt Drive	**E−Mail:**	CharterFCC@charter.com
City:	St. Louis	**State:**	MO
Country:	USA	**Zipcode:**	63131 −
Attention:	Alexis Anderten		

E16. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in the Fixed Satellite Service (FSS) with non−geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification measurements?	Yes No N/A
E17. Is the facility operated by remote control? If YES, provide the location and telephone number of the control point.	Yes No

E18. Is frequency coordination required? If YES, attach a frequency coordination report as	Yes No
E19. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as	Yes No
E20. FAA Notification − (See 47 CFR Part 17 and 47 CFR part 25.113(c)) Where FAA notification is required, have you attached a copy of a completed FCC Form 854 and/or the FAA's study regarding the potential hazard of the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.	Yes No

POINTS OF COMMUNICATION

Satellite Name: 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:	
E26. Common Name:	E27. Country:

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size<meters>	E41/42. Antenna Gain Transmint and/or Recieve (____dBi at _____GHz)	
						dBi at	

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. Total Input Power at antenna flange (Watts)	E39. Maximum Antenna Height Above Rooftop (meters)	E40. Total EIRP for al carriers(dBW)
1	0.0/0.0	6.1	38.1	0.0	0.0	0.0	0.0
2	0.0/0.0	6.1	38.1	0.0	0.0	0.0	0.0
3	0.0/0.0	6.1	38.1	0.0	0.0	0.0	0.0
4	0.0/0.0	6.1	38.1	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 ERIP Density per Carrier (dBW/4kHz)
1	3700 4200	R	Horizontal and Vertical	36M0G7W	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.)

Video, Audio, Data

2	3700	4200	R	Horizontal and Vertical	36M0G7W	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.)

Video, Audio, Data

3	3700	4200	R	Horizontal and Vertical	36M0G7W	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.)

Video, Audio, Data

4	3700	4200	R	Horizontal and Vertical	36M0G7W	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.)

Video, Audio, Data

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc Eastern/Western 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)
1	Geostationary	3700 4200	60.0/143.0	140.7	49.2	255.5	16.3	0.0
2	Geostationary	3700 4200	60.0/143.0	140.7	49.2	255.5	16.3	0.0
3	Geostationary	3700 4200	60.0/143.0	140.7	49.2	255.5	16.3	0.0
4	Geostationary	3700 4200	60.0/143.0	140.7	49.2	255.5	16.3	0.0

REMOTE CONTROL POINT LOCATION

E61. Call Sign NOTE: Please enter the callsign of the controlling station, not the callsign for which this application is being filed.	E66. Phone Number

E62. Street Address			
E63. City	E68. County	E67/68. State/Country /	E64. Zip Code

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