Date & Time Filed: Apr 18 2005 3:28:43:076PM File Number: SES–LIC–INTR2005–00836 Callsign/Satellite ID:

		PLICATION FOR EARTH STATIO	NI ALITHOPIZATIONS		FCC Use Only
	Arr	LICATION FOR EARTH STATIC	IN AUTHORIZATIONS		FCC Use Only
		FCC 312 MAIN FORM FOR OF	FICIAL USE ONLY		
APPLIC	ANT INFOR	MATION			1
Enter a d	lescription of	this application to identify it on	the main menu:		
DIRECT	V Ent., LLC	, Spaceway 3.5 T/R Antennas –	LABC		
1–8. Lega	al Name of Ap	plicant			
	Name:	DIRECTV Enterprises, LLC	Phone Number:	310-	-798-0753
	DBA		Fax Number:	240	-358-0569
	Name:				
	Street:	2230 E. Imperial Hwy	E–Mail:	jwei	ngryniuk@directv.com
	City:	El Segundo	State:	CA	
	Country:	USA	Zipcode:	902-	45 –
	Attention:	Jack Wengryniuk	-		
		Jack Wengrymak			

Name:	William M. Wiltshire	Phone Number:	202-730-1350
Company:	Harris, Wiltshire & Grannis, LLP	Fax Number:	202-730-1301
Street:	1200 18th Street, NW	E–Mail:	wwiltshire@harriswiltshire.com
	12th Floor		
City:	Washington	State:	DC
Country:	USA	Zipcode:	20036-
Contact		Relationship:	Legal Counsel

CLASSIFICATION OF FILING

17. Choose the button next to the classification that applies to this filing for both questions a. and b. Choose only one	 b. b1. Application for License of New Station
for 17a and only one for 17b. a. a. a. (N/A) a2. Space Station	 b2. Application for Registration of New Domestic Receive–Only Station (N/A) b3. Amendment to a Pending Application (N/A) b4. Modification of License or Registration (N/A) b5. Assignment of License or Registration (N/A) b6. Transfer of Control of License or Registration (N/A) b7. Notification of Minor Modification (N/A) b8. Application for License of New Receive–Only Station Using Non–U.S. Licensed
	 Satellite (N/A) b9. Letter of Intent to Use Non–U.S. Licensed Satellite to Provide Service in the United States b10. Other (Please specify) b11. Application for Earth Station to Access a Non–U.S.satellite Not Currently Authorized to Provide the Proposed Service in the Proposed Frequencies in the United States.

 17c. Is a fee submitted with this application? If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R.Section 1.1114). Governmental Entity Noncommercial educational licensee Other(please explain): 				
17d.				
Fee Classification BAX – Fixed Satellite Transmit/Receive Earth Station				
18. If this filing is in reference to an existing station, enter:(a) Call sign of station: Not Applicable	19. If this filing is an amendment to a pending a(a) Date pending application was filed:Not Applicable	pplication enter: (b) File number of pending application: Not Applicable		

TYPE OF SERVICE

20. NATURE OF SERVICE: This filing is for an authorization to provide or use the following type(s) of service(s): S	Select all that apply:
a. Fixed Satellite	
b. Mobile Satellite	
c. Radiodetermination Satellite	
d. Earth Exploration Satellite	
e. Direct to Home Fixed Satellite	
f. Digital Audio Radio Service	
g. Other (please specify)	

21. STATUS: Choose the button next to the applicable status. Choose	22. If earth station applicant, check all that apply.
only one.	Using U.S. licensed satellites
○ Common Carrier	Using Non–U.S. licensed satellites
23. If applicant is providing INTERNATIONAL COMMON CARRIER s facilities:	ervice, see instructions regarding Sec. 214 filings. Choose one. Are these
• Connected to a Public Switched Network • Not connected	to a Public Switched Network 👩 N/A
24. FREQUENCY BAND(S): Place an "X" in the box(es) next to all a	pplicable frequency band(s).
a. C–Band (4/6 GHz) b. Ku–Band (12/14 GHz)	
c.Other (Please specify upper and lower frequencies in MHz.)	
Frequency Lower: 18300 Frequency Upper: 30000	

TYPE OF STATION

25. CLASS OF STATION: Choose the button next to the class of station that applies. Choose only one.
a. Fixed Earth Station
• b. Temporary–Fixed Earth Station
• c. 12/14 GHz VSAT Network
O d. Mobile Earth Station
(N/A) e. Geostationary Space Station (N/A) f. Non–Geostationary Space Station
• g. Other (please specify)
26. TYPE OF EARTH STATION FACILITY: Choose only one. Transmit/Receive Transmit–Only Receive–Only N/A

PURPOSE OF MODIFICATION

27. The purpose of this proposed modification is to: (Place an 'X' in the box(es) next to all that apply.)

Not Applicable

ENVIRONMENTAL POLICY

28. Would a Commission grant of any proposal in this application or amendment have a significant environmental impact as defined by 47 CFR 1.1307? If YES, submit the statement as required by Sections 1.1308 and 1.1311 of the Commission's rules, 47 C.F.R. §§ 1.1308 and 1.1311, as an exhibit to this application. A Radiation Hazard Study must accompany all applications for new transmitting facilities, major modifications, or major amendments.

ALIEN OWNERSHIP Earth station applicants not proposing to provide broadcast, common carrier, aeronautical en route or aeronautical fixed radio station services are not required to respond to Items 30–34.

29. Is the applicant a foreign government or the representative of any foreign government?	O Yes ⊗ No O N/A
30. Is the applicant an alien or the representative of an alien?	O Yes O No ⊚ N/A

No No

31. Is the applicant a corporation organized under the laws of any foreign government?	O Yes	0 1	No) I	N/A
32. Is the applicant a corporation of which more than one–fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	O Yes	0 1	No	•	N/A
33. Is the applicant a corporation directly or indirectly controlled by any other corporation of which more than one–fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	O Yes	0 1	No 🛛	•	N/A
34. If any answer to questions 29, 30, 31, 32 and/or 33 is Yes, attach as an exhibit an identification of the aliens or foreign entities, their nationality, their relationship to the applicant, and the percentage of stock they own or vote.					

BASIC QUALIFICATIONS

35. Does the Applicant request any waivers or exemptions from any of the Commission's Rules? If Yes, attach as an exhibit, copies of the requests for waivers or exceptions with supporting documents.	● Yes O No
	Exhibit B

36. Has the applicant or any party to this application or amendment had any FCC station authorization or license revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission? If Yes, attach as an exhibit, an explination of circumstances.	O Yes	● No
37. Has the applicant, or any party to this application or amendment, or any party directly or indirectly controlling the applicant ever been convicted of a felony by any state or federal court? If Yes, attach as an exhibit, an explination of circumstances.	O Yes	No
38. Has any court finally adjudged the applicant, or any person directly or indirectly controlling the applicant, guilty of unlawfully monopolizing or attemptiing unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement or any other means or unfair methods of competition? If Yes, attach as an exhibit, an explanation of circumstances	O Yes	● No
39. Is the applicant, or any person directly or indirectly controlling the applicant, currently a party in any pending matter referred to in the preceding two items? If yes, attach as an exhinit, an explanation of the circumstances.	O Yes	lo No

40. If the applicant is a corporation and is applying for a space station license, attach as an exhibit the names, address, and citizenship of those stockholders owning a record and/or voting 10 percent or more of the Filer's voting stock and the percentages so held. In the case of fiduciary control, indicate the beneficiary(ies) or class of beneficiaries. Also list the names and addresses of the officers and directors of the Filer.		
41. By checking Yes, the undersigned certifies, that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti–Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application" for these purposes.	Yes	O No
42a. Does the applicant intend to use a non–U.S. licensed satellite to provide service in the United States? If Yes, answer 42b and attach an exhibit providing the information specified in 47 C.F.R. 25.137, as appropriate. If No, proceed to question 43.	O Yes	● No
42b. What administration has licensed or is in the process of licensing the space station? If no license will be issued, v coordinated or is in the process of coordinating the space station?N/A	vhat administr	ration has

43. Description. (Summarize the nature of the application and the services to be provided). (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)

DIRECTV Enterprises, LLC requests a license for a FSS earth station that will provide video backhaul services, data communications, and evaluation of various video services for potential use in DIRECTV's direct-to-home satellite business.

CERTIFICATION

The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. The applicant certifies that grant of this application would not cause the applicant to be in violation of the spectrum aggregation limit in 47 CFR Part 20. All statements made in exhibits are a material part hereof and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, hereby certifies that all statements made in this application and in all attached exhibits are true, complete and correct to the best of his or her knowledge and belief, and are made in good faith.

44. Applicant is a (an): (Choose the button next to applicable response.)

Individual

O Unincorporated Association

- Partnership
- Corporation
- Governmental Entity
- Other (please specify)

Limited Liability Company

45. Name of Person Signing James Butterworth46. Title of Person Signing Senior Vice President		ing	
47. Please supply any need attachments.			
Attachment 1:	Attachment 2:		Attachment 3:
	ion 1001), AND/OR REVO	OCATION OF ANY S	Y FINE AND / OR IMPRISONMENT STATION AUTHORIZATION de, Title 47, Section 503).

SATELLITE EARTH STATION AUTHORIZATIONS FCC Form 312 – Schedule B:(Technical and Operational Description) FOR OFFICIAL USE ONLY

Location of Earth S	tation Site					
E1: Site Identifier:	LABC	E5. Call Sign:				
E2: Contact Name	Frank Hironaka	E6. Phone Number:	310-964-8000			
E3. Street:	1200 Culver Boulevard	E7. City:	Los Angeles			
		E8. County:	Los Angeles			
E4. State	CA	E9. Zip Code	90066			
E10. Area of Opera	tion:	California				
E11. Latitude:	33 °58 '57.0 "N					
E12. Longitude:	118 °25 '31.2 "W					
E13. Lat/Lon Coord	dinates are:	ONAD-27	NAD-83	O ^{N/A}		
E14. Site Elevation	(AMSL):	4.6 meters				

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide as a technical analysis showing compliance with two–degree spacing policy.	• Yes	O ^{No}	O ^{N/A}
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?	O 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	0	No

E18. Is frequency coordination required? If YES, attach a frequency coordination report as	۲	Yes	0	No
E19. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as	0	Yes	۲	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.	0	Yes	۲	No

POINTS OF COMMUNICATION

Satellite Name: OTHER If you selected OTHER, please enter the following:

E21. Common Name: DIRECTV 8	E22. ITU Name:
E23. Orbit Location: 101 W.L.	E24. Country: USA

Satellite Name: OTHER If you selected OTHER, please enter the following:					
E21. Common Name: SPACEWAY 2 E22. ITU Name:					
E23. Orbit Location: 99 W. L.	E24. Country: USA				

Satellite Name: OTHER If you selected OTHER, please enter the f	ite Name: OTHER If you selected OTHER, please enter the following:					
E21. Common Name: SPACEWAY 1 E22. ITU Name:						
E23. Orbit Location: 103 W.L.	E24. Country: USA					

Satellite Name: OTHER If you selected OTHER, please enter the following:					
E21. Common Name: ALSAT	E22. ITU Name:				
E23. Orbit Location:	E24. Country: USA				
POINTS OF COMMUNICATION (Destination Points)					
E25. Site Identifier: LABC					
E26. Common Name:	E27. Country:USA				
POINTS OF COMMUNICATION (Destination Points)					
E25. Site Identifier: LABC					
E26. Common Name:	E27. Country:USA				
POINTS OF COMMUNICATION (Destination Points)					
E25. Site Identifier: LABC					
E26. Common Name:	E27. Country:USA				

POINTS OF COMMUNICATION (Destination Points)

E25. Site Identifier: LABC	
E26. Common Name:	E27. Country: USA

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size <meters></meters>	E41/42. Antenna GainTransmint and/or Recieve (dBi at GHz)
LABC	LKA-27	1	ANDREW	ES35-101-208	3.5	58.3 dBi at 29.6
						55.2 dBi at 19.95

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)	Maximum Antenna Height	E40. Total EIRP for al carriers (dBW)
LKA-27	3.5/3.5	8.36	12.96	4.57	191.0	3.79	81.1

FREQUENCY

	E43/44. Frequency Bands (MHz)	E45. T/R Mode			E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
LKA-27	18300 18800	R	Right Hand Circular	24M0G7W	0.0	0.0

E50. Modulation entirety.)	on and Services (If	the complete descri	ption does not appea	r in this box, please	go to the end of t	the form to view it in its
QPSK, MCF	PC VIDEO					
LKA–27	18300 18800	R	Right Hand Circular	36M0G7W	0.0	0.0
E50. Modulation entirety.)	on and Services (If	the complete descri	ption does not appea	r in this box, please	go to the end of t	the form to view it in its
QPSK, MCF	PC VIDEO					
LKA-27	18300 18800	R	Right Hand Circular	54M0G7W	0.0	0.0
E50. Modulation entirety.)	on and Services (If	the complete descri	ption does not appea	r in this box, please	go to the end of t	the form to view it in its
QPSK, MCF	PC VIDEO					
LKA–27	19700 20200	R	Right Hand Circular	24M0G7W	0.0	0.0

E50. Modulati entirety.)	on and Services	(If the complete d	escription does not appea	r in this box, please	go to the end of	the form to view it in its
QPSK, MC	PC VIDEO					
LKA-27	19700 20200	R	Right Hand Circular	36M0G7W	0.0	0.0
E50. Modulati entirety.)	on and Services	(If the complete d	escription does not appea	r in this box, please	go to the end of	the form to view it in its
QPSK, MC	PC VIDEO					
LKA-27	19700 20200	R	Right Hand Circular	54M0G7W	0.0	0.0
E50. Modulati entirety.)	on and Services	(If the complete d	escription does not appea	r in this box, please	go to the end of	the form to view it in its
QPSK, MC	PC VIDEO					
LKA-27	18300 18800	R	Right Hand Circular	22M6G7W	0.0	0.0

E50. Modulati entirety.)	on and Services	(If the complete de	escription does not appea	r in this box, please	go to the end of	the form to view it in its
QPSK, MC	PC VIDEO / D	ATA				
LKA-27	18300 18800	R	Right Hand Circular	2M20G1W	0.0	0.0
E50. Modulati entirety.)	on and Services	(If the complete d	escription does not appea	r in this box, please	go to the end of	the form to view it in its
QPSK, SC	PC DATA / VI	DEO				
LKA–27	18300 18800	R	Right Hand Circular	2M90G1W	0.0	0.0
E50. Modulati entirety.)	on and Services	(If the complete d	escription does not appea	r in this box, please	go to the end of	the form to view it in its
	PC DATA / VI	DEO				
LKA-27	18300 18800	R	Right Hand Circular	5M70G1W	0.0	0.0

E50. Modula entirety.)	tion and Services	(If the complete d	escription does not appea	r in this box, please	go to the end of t	the form to view it in its
QPSK, So	CPC DATA / VI	DEO				
LKA–27	19700 20200	R	Right Hand Circular	22M6G7W	0.0	0.0
E50. Modula entirety.)	tion and Services	(If the complete d	escription does not appea	ar in this box, please	go to the end of t	the form to view it in its
QPSK, MO	CPC VIDEO / D.	АТА				
LKA-27	19700 20200	R	Right Hand Circular	2M20G1W	0.0	0.0
E50. Modula entirety.)	tion and Services	(If the complete d	escription does not appea	ar in this box, please	go to the end of t	the form to view it in its
QPSK, S	CPC DATA / VI	DEO				
LKA–27	19700 20200	R	Right Hand Circular	2M90G1W	0.0	0.0

E50. Modulation entirety.)	n and Services	(If the complete de	scription does not appea	r in this box, please	go to the end of	the form to view it in its
QPSK, SCP	PC DATA / VI	DEO				
LKA–27	19700 20200	R	Right Hand Circular	5M70G1W	0.0	0.0
E50. Modulation entirety.)	on and Services	(If the complete de	scription does not appea	r in this box, please	go to the end of	the form to view it in its
QPSK, SCP	C DATA / VI	DEO				
LKA-27	18300 18800	R	Right Hand Circular	14M1G7W	0.0	0.0
E50. Modulation entirety.)	on and Services	(If the complete de	scription does not appea	r in this box, please	go to the end of	the form to view it in its
QPSK, MCF	PC / SCPC DA'	FA / VIDEO				
LKA–27	18300 18800	R	Right Hand Circular	8M50G7W	0.0	0.0

E50. Modulat entirety.)	ion and Services	(If the complete de	escription does not appear in	n this box, please	go to the end of t	he form to view it in its
QPSK, MC	PC / SCPC DA	FA / VIDEO				
LKA-27	19700 20200	R	Right Hand Circular	14M1G7W	0.0	0.0
E50. Modulat entirety.)	ion and Services	(If the complete de	escription does not appear in	n this box, please	go to the end of t	he form to view it in its
QPSK, MC	PC / SCPC DA	FA / VIDEO				
LKA–27	19700 20200	R	Right Hand Circular	8M50G7W	0.0	0.0
E50. Modulat entirety.)	ion and Services	(If the complete de	escription does not appear in	n this box, please	go to the end of t	he form to view it in its
QPSK, MC	PC / SCPC DA	FA / VIDEO				
LKA–27	28350 18600	Т	Left Hand Circular	24M0G7W	81.1	43.3

E50. Modulatior entirety.)	n and Services (If t	he complete descripti	on does not appear in	this box, please go t	to the end of the form	to view it in its
QPSK, MCPO	C VIDEO					
LKA-27	28350 28600	Т	Left Hand Circular	36M0G7W	81.1	41.6
E50. Modulatior entirety.)	and Services (If t	he complete descripti	on does not appear in	this box, please go t	to the end of the form	to view it in its
QPSK, MCPO	C VIDEO					
LKA–27	28350 28600	Т	Left Hand Circular	54M0G7W	81.1	39.8
E50. Modulatior entirety.)	and Services (If t	he complete descripti	on does not appear in	this box, please go t	to the end of the form	to view it in its
QPSK, MCPO	C VIDEO					
LKA-27	29250 30000	Т	Left Hand Circular	24M0G7W	81.1	43.3

E50. Modulatior entirety.)	n and Services (If t	he complete descripti	on does not appear in	this box, please go t	to the end of the form	to view it in its
QPSK, MCPO	C VIDEO					
LKA-27	29250 30000	Т	Left Hand Circular	36M0G7W	81.1	41.6
E50. Modulatior entirety.)	n and Services (If t	he complete descripti	on does not appear in	this box, please go t	to the end of the form	to view it in its
QPSK, MCPO	C VIDEO					
LKA–27	29250 30000	Т	Left Hand Circular	54M0G7W	81.1	39.8
E50. Modulatior entirety.)	n and Services (If t	he complete descripti	on does not appear in	this box, please go t	to the end of the form	to view it in its
QPSK, MCPO	C VIDEO					
LKA-27	28350 28600	Т	Left Hand Circular	22M6G7W	80.8	43.3

E50. Modulation entirety.)	on and Services	(If the complete d	escription does not appear in	this box, please	go to the end of the	he form to view it in its
• ·	PC VIDEO / DA	ATA				
LKA-27	28350 28600	Т	Left Hand Circular	2M20G1W	70.7	43.3
E50. Modulation entirety.)	on and Services	(If the complete d	escription does not appear in	this box, please	go to the end of the	he form to view it in its
QPSK, SCF	PC DATA / VII	DEO				
LKA–27	28350 28600	Т	Left Hand Circular	2M90G1W	71.9	43.3
E50. Modulation entirety.)	on and Services	(If the complete d	escription does not appear in	this box, please	go to the end of the	he form to view it in its
	PC DATA / VII	DEO				
LKA-27	28350 28600	Т	Left Hand Circular	5M70G1W	74.9	43.3

E50. Modulation entirety.)	n and Services (If t	he complete descripti	on does not appear in	this box, please go t	o the end of the form	to view it in its
QPSK, SCPO	C DATA / VIDEO					
LKA-27	29250 30000	Т	Left Hand Circular	22M6G7W	80.8	43.3
E50. Modulation entirety.)	n and Services (If t	he complete descripti	on does not appear in	this box, please go t	o the end of the form	to view it in its
QPSK, MCPO	C VIDEO / DATA					
LKA-27	29250 30000	Т	Left Hand Circular	2M20G1W	70.7	43.3
E50. Modulation entirety.)	n and Services (If t	he complete descripti	on does not appear in	this box, please go t	o the end of the form	to view it in its
QPSK, SCPO	C DATA / VIDEO					
LKA-27	29250 30000	Т	Left Hand Circular	2M90G1W	71.9	43.3

E50. Modulatior entirety.)	and Services (If the	he complete descripti	on does not appear in	this box, please go t	o the end of the form	to view it in its
QPSK, SCPC	C DATA / VIDEO					
LKA-27	29250 30000	Т	Left Hand Circular	5M70G1W	74.9	43.3
E50. Modulatior entirety.)	and Services (If the	he complete descripti	on does not appear in	this box, please go t	o the end of the form	to view it in its
QPSK, SCPC	C DATA / VIDEO					
LKA–27	28350 28600	Т	Left Hand Circular	14M1G7W	78.8	43.3
E50. Modulatior entirety.)	and Services (If the	he complete descripti	on does not appear in	this box, please go t	o the end of the form	to view it in its
QPSK, MCPC	C / SCPC DATA	/ VIDEO				
LKA-27	28350 28600	Т	Left Hand Circular	8M50G7W	76.6	43.3

E50. Modulation entirety.)	and Services (If t	the complete descr	iption does not appear in	this box, please	go to the end of the	he form to view it in its
QPSK, MCPC	C / SCPC DATA	/ VIDEO				
LKA-27	29250 30000	Т	Left Hand Circular	14M1G7W	78.8	43.3
entirety.)	C / SCPC DATA	/ VIDEO				
LKA-27	29250 30000	Т	Left Hand Circular	8M50G7W	76.6	43.3
E50. Modulation entirety.) QPSK, MCPC		/ VIDEO	iption does not appear in	this box, please	go to the end of the	he form to view it in its

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W 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)
LKA–27	Geostationary	18300 18800	80.0/ 120.0	125.17	33.24	182.82	50.46	0.0
	Geostationary	19700 20200	80.0/ 120.0	125.17	33.24	182.82	50.46	0.0
	Geostationary	28350 28600	80.0/ 120.0	125.17	33.24	182.82	50.46	-21.04
	Geostationary	29250 30000	80.0/ 120.0	125.17	33.24	182.82	50.46	-21.04
REMOTE CO	ONTROL POIN	T LOCATION	1	E65	Phone Number	l		-

E61. Call Sign NOTE: Please enter the callsign of the contro callsign for which this application is being filed.	<u> </u>	E65. Phone Number 303–660–7001		
E62. Street Address 5454 Garton Road				
E63. City Castle Rock	E67. County Douglas		E64/68. State/Country CO/ USA	E66. Zip Code 80104

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

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