

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

Location of Earth Station Site

E1: Site Identifier:	CASTLE ROCK	E5: Call Sign:	
E2: Contact Name:	GARRY PHILIPS	E6: Phone Number:	303-660-7200
E3: Street:	5281 EAST GARTON ROAD	E7: City:	CASTLE ROCK
E4: State:	0f2d5cd7dbbd22008e0b75131f96190a	E8: County:	DOUGLAS
		E9: Zip Code:	80104
E10: Area of Operation:			
E11: Latitude:	39° 16' 35"		
E12: Longitude:	104° 48' 27.8"		
E13: Lat/Lon Coordinates are:	nad-83		
E14: Site Elevation (AMSL):	2096		

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 a technical analysis showing compliance with two-degree spacing policy.	Yes
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(a) and (b) as demonstrated by the manufacturer's qualification measurement?	N/A
Is Frequency Coordination required?	No
Is coordination with another country required?	No
Is FAA notification required?	No
Is facility operated by remote control?	No

COMMAND CARRIER

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)
CRK-D14	12200 12700	R	null	36M0G7W	0	0

E50. Modulation and Services

(Digital video & data)

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/Western Limit	E57. Antenna Elevation Angle Eastern/Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
CRK-D14	Geostationary	17300 17800	65 / 140	127.22 / 228.08	28.88 / 31.86	-0.25

CRK-D14Geostationary12200
1270065 / 140127.22 / 228.0828.88 / 31.86-999

REMOTE CONTROL POINT LOCATION

E61. Call Sign: undefined		E65. Phone Number: undefined	
E62. Street Address: undefined			
E63. City: undefined	E67. County: undefined	E64/68. State/Country: undefined / undefined	E66. Zip Code: undefined

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