



**UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION  
RADIO STATION AUTHORIZATION**

*Current Authorization : FCC WEB Reproduction*  
Unofficial Copy

**Name:** COMCAST OF CALIFORNIA/MARYLAND/PENNSYLVANIA/VIRGINIA, LLC **Call Signs:** E3284  
**File Number:** SES-RWL-20030403-00424

**Authorization Type:** Renewal of License  
**Non Common Carrier** **Grant Date:** 04/09/2003 **Expiration Date:** 04/21/2018

**Nature of Service:** Domestic Fixed Satellite Service

**Class of Station:** Fixed Earth Stations

*0013-4319-52*

**A) Site Location(s)**

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
1)	1	670 VINE STREET HARRISONBURG, ROCKINGHAM, VA	38° 27' 7.0" N	78° 51' 7.0" W	438.9	83	

Licenses certifies antenna(s) comply with gain patterns specified in Section 25.209

Subject to the provisions of the Communications Act of 1934, The Communications Satellite Act of 1962, subsequent acts and treaties, and all present and future regulations made by this Commission, and further subject to the conditions and requirements set forth in this license, the grantee is authorized to construct, use and operate the radio facilities described below for radio communications for the term beginning Monday, April 21, 2003 (3 AM Eastern Standard Time) and ending Saturday, April 21, 2018 (3 AM Eastern Standard Time). The required date of completion of construction and commencement of operation is 00/00/0000 (3 AM Eastern Standard Time). Grantee must file with the Commission a certification upon completion of construction and commencement of operation.

**B) Particulars of Operations**

The General Provision 1010 applies to all receiving frequency bands.  
The General Provision 1900 applies to all transmitting frequency bands.  
For the text of these provisions, refer to Section H.

#	Frequency	Polarization	Emission	Tx/Rx Mode	Max EIRP /Carrier	Max EIRP Density	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
1)	3700.0000 - 4200.0000	H,V	36M0F8W	R			1		
2)	3700.0000 - 4200.0000	H,V	36M0F8W	R			2		
3)	3700.0000 - 4200.0000	H,V	36M0F8W	R			3		

**C) Frequency Coordination**

#	Frequency Limits(MHz)	Satellite Arc (Deg. Long.)		Elevation (Degrees)		Azimuth (Degrees)		Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
		East Limit	West Limit	East Limit	West Limit	East Limit	West Limit		
1)	3700.0000 - 4200.0000	70.0W	140.0W	44.5	13.8	165.9	251.1	0.0	1
2)	3700.0000 - 4200.0000	70.0W	140.0W	44.5	13.8	165.9	251.1	0.0	2
3)	3700.0000 - 4200.0000	70.0W	140.0W	44.5	13.8	165.9	251.1	0.0	3

**D) Point of Communications**

The following stations located in the Satellite orbits consistent with Sections B and C of this Entry:

) 1 to Permitted Space Station List



Comcast Cable  
One Comcast Center  
1701 John F Kennedy Boulevard  
Philadelphia, PA 19103-2838

April 12, 2018

**Received-FCC**

**APR 13 2018**

**Bureau / Office**

Federal Communications Commission  
International Bureau --- Earth Stations  
445 12<sup>th</sup> Street, SW  
Washington, DC 20554

Attention: International Bureau  
Satellite & Radio Communication Division  
Satellite Engineering Branch

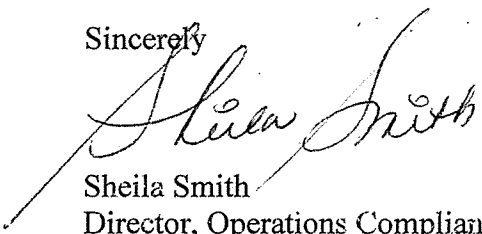
E5699 -- Comcast Cable Communications Management, LLC  
E5830 -- Comcast Cable Communications Management, LLC  
E5831 -- Comcast Cable Communications Management, LLC  
E5456 -- Comcast of Philadelphia II, LLC  
WS91 -- Comcast of Colorado/Pennsylvania/West Virginia, LLC  
E3284 -- Comcast of CA/MD/PA/VA/West Virginia, LLC  
E5580 -- Comcast of Pennsylvania I, LLC  
E5621 -- Comcast of Illinois/Ohio/Oregon, LLC  
WU56 -- Comcast of CO/FL/MI/NM/PA/Washington, LLC

Ladies and Gentlemen:

The above referenced Earth Stations are no longer in operation. Comcast Cable Communications Management, LLC, via this letter surrenders all rights to these stations.

If you have any questions concerning the above, please contact me directly.

Sincerely

  
Sheila Smith  
Director, Operations Compliance  
(215) 286-7454

Enclosures

cc: Amanda Johnson, Comsearch  
Don Lindauer  
Chanelle Perry