



**UNITED STATES OF AMERICA**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**RADIO STATION AUTHORIZATION**  
*Current Authorization : FCC WEB Reproduction*  
 Unofficial Copy

**Name:** AMC NETWORKS BROADCASTING AND TECHNOLOGY LLC    **Call Sign:** E000220  
**File Number:** SES-MOD-20180921-02798

**Authorization Type:** Modification of License  
**Non Common Carrier**    **Grant Date:** 12/03/2018    **Expiration Date:** 06/30/2025

**Nature of Service:** Fixed Satellite Service

**Class of Station:** Fixed Earth Stations

**A) Site Location(s)**

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
1)	1	620 HICKSVILLE ROAD BETHPAGE, NASSAU, NY, 11714	40° 44' 37.3" N	73° 29' 38.1" W	32.0	83	

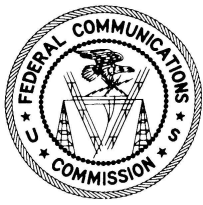
Licenses certifies antenna(s) comply with gain patterns specified in Section 25.209

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 Wednesday, June 30, 2010 (3 AM Eastern Standard Time) and ending Monday, June 30, 2025 (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)	5925.0000 - 6425.0000	H,V	9M00G7F	T	71.78	38.26	1		DIGITAL VIDEO, AUDIO AND DATA CARRIERS
2)	5925.0000 - 6425.0000	H,V	36M0G7F	T	77.80	38.26	1		DIGITAL VIDEO, AUDIO AND DATA CARRIERS
3)	3700.0000 - 4200.0000	H,V	9M00G7F	R			1		DIGITAL VIDEO, AUDIO AND DATA CARRIERS
4)	3700.0000 - 4200.0000	H,V	36M0G7F	R			1		DIGITAL VIDEO, AUDIO AND DATA CARRIERS
5)	5925.0000 - 6425.0000	H,V	9M00G7F	T	68.69	35.17	2		DIGITAL VIDEO, AUDIO AND DATA CARRIERS
6)	5925.0000 - 6425.0000	H,V	36M0G7F	T	74.71	35.17	2		DIGITAL VIDEO, AUDIO AND DATA CARRIERS
7)	3700.0000 - 4200.0000	H,V	9M00G7F	R			2		DIGITAL VIDEO, AUDIO AND DATA CARRIERS
8)	3700.0000 - 4200.0000	H,V	36M0G7F	R			2		DIGITAL VIDEO, AUDIO AND DATA CARRIERS
9)	3700.0000 - 4200.0000	H,V	9M00G7F	R			3-RO		DIGITAL VIDEO, AUDIO AND DATA CARRIERS
10)	3700.0000 - 4200.0000	H,V	36M0G7F	R			3-RO		DIGITAL VIDEO, AUDIO AND DATA CARRIERS



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**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)	5925.0000 - 6425.0000	60.0W	143.0W	40.9	6.7	159.8	256.3	8.38	1
2)	3700.0000 - 4200.0000	60.0W	143.0W	40.9	6.7	159.8	256.3		1
3)	5925.0000 - 6425.0000	60.0W	143.0W	40.9	6.7	159.8	256.3	7.09	2
4)	3700.0000 - 4200.0000	60.0W	143.0W	40.9	6.7	159.8	256.3		2
5)	3700.0000 - 4200.0000	60.0W	143.0W	40.9	6.7	159.8	256.3		3-RO

**D) Point of Communications**

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

- 1) 1 to Permitted Space Station List

**E) Antenna Facilities**

Site ID	Antenna ID	Units	Diameter (Meters)	Manufacturer	Model Number	Site Elevation	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
1	1	1	9.0	VERTEX	9 KPC	32.0	9.0 AGL/ 41.0 AMSL	
Max Gains(s):50.1 dBi @ 4.0000 GHz    53.5 dBi @ 6.0000 GHz								
Maximum total input power at antenna flange (Watts) = 538.31								
Maximum aggregate output EIRP for all carriers (dBW)80.81								
1	2	1	7.2	VERTEX	7.2 KPC	32.0	7.2 AGL/ 39.2 AMSL	
Max Gains(s):51.7 dBi @ 6.0000 GHz    48.0 dBi @ 4.0000 GHz								
Maximum total input power at antenna flange (Watts) = 400.0								
Maximum aggregate output EIRP for all carriers (dBW)77.72								
1	3-RO	1	6.1	VERTEX	6.1KXC	32.0	6.1 AGL/ 38.1 AMSL	
Max Gains(s):46.5 dBi @ 4.0000 GHz								
Maximum total input power at antenna flange (Watts) =								
Maximum aggregate output EIRP for all carriers (dBW)								

**G) Antenna Structure marking and lighting requirements:**

None unless otherwise specified under Special and General Provisions



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## H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

- 4 Licensee must ensure that a current listing of the name, title, mailing address, email address, and telephone number of the responsible point of contact are on file at the FCC. Any changes must be filed electronically in the International Bureau Filing System (MyIBFS) using the "Pleadings and Comments" link on the MyIBFS homepage within 10 days of the change.
- 5 Licensee must notify the Commission when this earth station is no longer operational or when it has not been used to provide any service during any 6-month operation.
- 6 Licensee must comply with the license modification and notification requirements of 47 CFR § 25.118 to change the coordinates of its authorized earth station.
- 8 Licensee must notify the Commission when all earth stations operating under this authorization are no longer operational or when they have not been used to provide any service during any 6-month operation.
- 90398 Changes to previously authorized transmitting facilities, operations and devices regulated by the Commission that may have significant environmental impact, and are not excluded by §1.1306, require the preparation of an Environmental Assessment (EA) by the licensee. (See 47 C.F.R. §§1.1307, 1.1308 and 1.1311)
- 90470 The application for this authorization was filed within the 194-day filing window for FSS earth stations operating in the 3700-4200 MHz frequency band as of April 19, 2018, as established by Public Notice DA 18-398 (rel. Apr. 19, 2018) and Public Notice DA-18-639 (rel. Jun. 21, 2018), and Public Notice DA 18-1061 (rel. Oct. 17, 2018).
- 90472 The application for this authorization was filed without a coordination report pursuant to the waiver granted in Public Notice DA 18-398 (rel. Apr. 19, 2018). Operations of this earth station in the 3700-4200 MHz band are not entitled to protection from stations operating in the fixed service.
- 900407 The Permitted Space Station List (Permitted List) is a list of all geostationary space stations providing fixed-satellite service pursuant to a Commission license or grant of U.S. market access. The Permitted List currently includes the following frequency bands per §25.103 and §25.115(k)(1):
  - 3600-4200 MHz (space-to-Earth)
  - 5850-6725 MHz (Earth-to-space)
  - 10.95-11.2 GHz (space-to-Earth)
  - 11.45-12.2 GHz (space-to-Earth)
  - 13.75-14.5 GHz (Earth-to-space)
  - 18.3-18.8 GHz (space-to-Earth)
  - 19.7-20.2 GHz (space-to-Earth)
  - 24.75-25.25 GHz (Earth-to-space)
  - 28.35-28.6 GHz (Earth-to-space)
  - 29.25-30.0 GHz (Earth-to-space).

Earth stations with "Permitted List" designated as a point of communication may access any space station on the Permitted List, provided the operations comply with the applicable "routine" uplink and downlink limits, are within the specific frequency bands authorized in the earth station license, have completed coordination with terrestrial stations pursuant to §25.203, and otherwise comply with all terms and conditions of both the earth station license and the space station grant.



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## H) Special and General Provisions

B) This RADIO STATION AUTHORIZATION is granted subject to the additional conditions specified below:

This authorization is issued on the grantee's representation that the statements contained in the application are true and that the undertakings described will be carried out in good faith.

This authorization shall not be construed in any manner as a finding by the Commission on the question of marking or lighting of the antenna system should future conditions require. The grantee expressly agrees to install such marking or lighting as the Commission may require under the provisions of Section 303(q) of the Communications Act. 47 U.S.C. § 303(q).

Neither this authorization nor the right granted by this authorization shall be assigned or otherwise transferred to any person, firm, company or corporation without the written consent of the Commission. This authorization is subject to the right of use or control by the government of the United States conferred by Section 706 of the Communications Act. 47 U.S.C. § 706. Operation of this station is governed by Part 25 of the Commission's Rules. 47 C.F.R. Part 25.

This authorization shall not vest in the licensee any right to operate this station nor any right in the use of the designated frequencies beyond the term of this license, nor in any other manner than authorized herein.

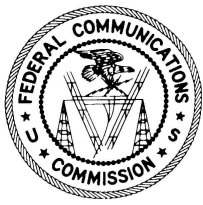
This authorization is issued on the grantee's representation that the station is in compliance with environmental requirements set forth in Section 1.1307 of the Commission's Rules. 47 C.F.R. § 1.1307.

This authorization is issued on the grantee's representation that the station is in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules. 47 C.F.R. § 17.4.

The following condition applies when this authorization permits construction of or modifies the construction permit of a radio station.

This authorization shall be automatically forfeited if the station does not meet each required construction deadline by the required date of completion unless, before such date(s), a specific application is timely filed to request an extension of the construction deadline(s), supported with good cause why that failure to construct by the required date was due to factors not under control of the grantee.

**Licensees are required to pay annual regulatory fees related to this authorization. The requirement to collect annual regulatory fees from regulates is contained in Public Law 103-66, "The Omnibus Budget Reconciliation Act of 1993". These regulatory fees, which are likely to change each fiscal year, are used to offset costs associated with the Commission's enforcement, public service, international and policy and rulemaking activities. The Commission issues a Report and Order each year, setting the new regulatory fee rates. Receive only earth stations are exempt from payment of regulatory fees.**



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**File Number:** SES-RWL-20191021-01353

**Authorization Type:** Renewal of License  
**Non Common Carrier**    **Grant Date:** 10/25/2019    **Expiration Date:** 01/18/2035

**Nature of Service:** Fixed Satellite Service

**Class of Station:** Fixed Earth Stations

**A) Site Location(s)**

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
1)	1	620 HICKSVILLE ROAD BETHPAGE, NASSAU, NY, 11714	40° 44' 39.1" N	73° 29' 37.9" W	32.0	83	

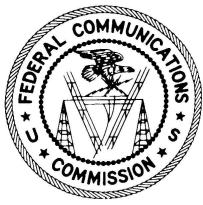
Licenses certifies antenna(s) comply with gain patterns specified in Section 25.209

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 Saturday, January 18, 2020 (3 AM Eastern Standard Time) and ending Thursday, January 18, 2035 (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)	6088.0000 - 6425.0000	L,R	36M0F8F	T	78.00	51.00	1VTEXC		ANALOG VIDEO CARRIER
2)	6088.0000 - 6425.0000	L,R	36M0G7F	T	80.80	41.30	1VTEXC		DIGITAL VIDEO CARRIER
3)	5925.0000 - 6038.0000	L,R	36M0F8F	T	78.00	51.00	1VTEXC		ANALOG VIDEO CARRIER
4)	5925.0000 - 6038.0000	L,R	36M0G7F	T	80.80	41.30	1VTEXC		DIGITAL VIDEO CARRIER
5)	3700.0000 - 4200.0000	L,R	36M0F8F	R			1VTEXC		ANALOG VIDEO CARRIER
6)	3700.0000 - 4200.0000	L,R	36M0G7F	R			1VTEXC		DIGITAL VIDEO CARRIER
7)	14000.0000 - 14500.0000	L,R	36M0F3F	T	85.07	58.07	2VCKPC		ANALOG VIDEO CARRIER
8)	14000.0000 - 14500.0000	L,R	36M0G7F	T	75.00	35.46	2VCKPC		DIGITAL COMPRESSED VIDEO CARRIER
9)	14000.0000 - 14500.0000	H,V	36M0F3F	T	85.10	58.10	2VCKPC		ANALOG VIDEO
10)	14000.0000 - 14500.0000	H,V	36M0F3F	T	83.60	44.10	2VCKPC		ANALOG VIDEO
11)	11700.0000 - 12200.0000	L,R	36M0F3F	R			2VCKPC		ANALOG VIDEO CARRIER
12)	11700.0000 - 12200.0000	L	36M0G7F	R			2VCKPC		DIGITAL COMPRESSED VIDEO CARRIER
13)	11450.0000 - 12200.0000	H,V	36M0F3F	R			2VCKPC		ANALOG VIDEO



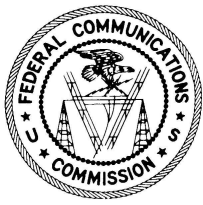
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**File Number:** SES-RWL-20191021-01353

Authorization Type:	Renewal of License						
	Non Common Carrier	Grant Date:	10/25/2019	Expiration Date:	01/18/2035		
14) 11450.0000 - 12200.0000	H,V	36M0G7F	R		2VCKPC	DIGITAL COMPRESSED VIDEO CARRIER	
15) 10950.0000 - 11200.0000	H,V	36M0F3F	R		2VCKPC	ANALOG VIDEO	
16) 10950.0000 - 11200.0000	H,V	36M0G7F	R		2VCKPC	DIGITAL VIDEO	
17) 6088.0000 - 6245.0000	H,V	36M0G3F	T	80.80	41.30	3-1GD	DIGITAL VIDEO CARRIER
18) 6088.0000 - 6245.0000	H,V	36M0F7F	T	78.00	51.00	3-1GD	ANALOG VIDEO CARRIER
19) 5925.0000 - 6038.0000	H,V	36M0G7F	T	80.80	41.30	3-1GD	DIGITAL VIDEO CARRIER
20) 5925.0000 - 6038.0000	H,V	36M0F7F	T	78.00	51.00	3-1GD	ANALOG VIDEO CARRIER
21) 3700.0000 - 4200.0000	H,V	36M0G7F	R		3-1GD	DIGITAL VIDEO CARRIER	
22) 3700.0000 - 4200.0000	H,V	36M0F7F	R		3-1GD	ANALOG VIDEO CARRIER	
23) 14000.0000 - 14500.0000	H,V	36M0G3F	T	51.70	48.00	4-2GD	DIGITAL VIDEO CARRIER
24) 14000.0000 - 14500.0000	H,V	36M0F3F	T	51.70	48.00	4-2GD	ANALOG VIDEO CARRIER
25) 3700.0000 - 4200.0000	H,V	36M0G3F	R		4-2GD	DIGITAL VIDEO CARRIER	
26) 1140.0000 - 1220.0000	H,V	36M0F3F	R		4-2GD	ANALOG VIDEO CARRIER	
27) 3720.0000 - 4200.0000	H,V	36M0F3F	R		5-3ASC	ANALOG VIDEO CARRIER	
28) 3700.0000 - 4200.0000	H,V	36M0G3F	R		5-3ASC	DIGITAL VIDEO CARRIER	

**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)	5925.0000 - 6038.0000	30.0W	143.0W	25.5	- 6.7	124.5	- 256.3	51.0	1VTEXC
2)	6088.0000 - 6425.0000	30.0W	143.0W	25.5	- 6.7	124.5	- 256.3	51.0	1VTEXC
3)	3700.0000 - 4200.0000	30.0W	143.0W	25.5	- 6.7	124.5	- 256.3		1VTEXC
4)	11450.0000 - 12200.0000	30.0W	143.0W	25.5	- 6.7	124.5	- 256.3	0.0	2VCKPC
5)	10950.0000 - 11200.0000	30.0W	143.0W	25.5	- 6.7	124.5	- 256.3		2VCKPC
6)	14000.0000 - 14500.0000	30.0W	143.0W	25.5	- 6.7	124.5	- 256.3	51.0	2VCKPC
7)	11700.0000 - 12200.0000	30.0W	143.0W	25.5	- 6.7	124.5	- 256.3		2VCKPC
8)	6088.0000 - 6425.0000	30.0W	143.0W	25.5	- 6.7	124.5	- 256.5	51.0	3-1GD
9)	6088.0000 - 6425.0000	30.0W	143.0W	25.5	- 6.7	124.5	- 256.3	51.0	3-1GD
10)	5925.0000 - 6038.0000	30.0W	143.0W	25.5	- 6.7	124.5	- 256.3	51.0	3-1GD
11)	3720.0000 - 4180.0000	30.0W	143.0W	25.5	- 6.7	124.5	- 256.3		3-1GD
12)	3720.0000 - 4180.0000	30.0W	143.0W	25.5	- 6.7	124.5	- 256.3		3-1GD
13)	5925.0000 - 6038.0000	30.0W	143.0W	25.5	- 6.7	124.5	- 256.3	51.0	3-1GD



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14)	14000.0000 - 14500.0000	30.0W-143.0W	25.5 - 6.7	124.5 - 256.3	35.46	4-2GD
15)	14000.0000 - 14500.0000	30.0W-143.0W	25.5 - 6.7	124.5 - 256.3	35.46	4-2GD
16)	11450.0000 - 12200.0000	30.0W-143.0W	25.5 - 6.7	124.5 - 256.3		4-2GD
17)	11450.0000 - 12200.0000	30.0W-143.0W	25.5 - 6.7	124.5 - 256.3		4-2GD
18)	3720.0000 - 4180.0000	30.0W-143.0W	25.5 - 6.7	124.5 - 256.3		5-3ASC
19)	3720.0000 - 4180.0000	30.0W-143.0W	25.5 - 6.7	124.5 - 256.3		5-3ASC

**D) Point of Communications**

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

- 1) 1 to Permitted Space Station List

**E) Antenna Facilities**

Site ID	Antenna ID	Units	Diameter (Meters)	Manufacturer	Model Number	Site Elevation	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
1	1VTEXC	1	9.3	VERTEX CORPORATION	9.3 METER	32.0	9.3 AGL/ 41.3 AMSL	
Max Gains(s):50.5 dBi @ 4.0000 GHz 53.8 dBi @ 6.0000 GHz								
Maximum total input power at antenna flange (Watts) = 500.0								
Maximum aggregate output EIRP for all carriers (dBW)80.8								
1	2VCKPC	2	9.3	VERTEX CORPORATION	9.3 KPC	32.0	9.3 AGL/ 41.3 AMSL	
Max Gains(s):59.1 dBi @ 12.0000 GHz 60.6 dBi @ 14.0000 GHz								
Maximum total input power at antenna flange (Watts) = 280.0								
Maximum aggregate output EIRP for all carriers (dBW)85.07								
1	3-1GD	1	9.3	GENERAL DYMANICS	KPC-9.3	32.0	32.0 AGL/ 41.0 AMSL	
Max Gains(s):53.8 dBi @ 6.0000 GHz								
Maximum total input power at antenna flange (Watts) = 500.0								
Maximum aggregate output EIRP for all carriers (dBW)80.8								
1	4-2GD	2	9.3	GENERAL DYMANICS	KPC-9.3	32.0	32.0 AGL/ 42.0 AMSL	
Max Gains(s):60.6 dBi @ 14.0000 GHz								
Maximum total input power at antenna flange (Watts) = 280.0								
Maximum aggregate output EIRP for all carriers (dBW)85.07								
1	5-3ASC	3	4.9	ASC	ASC-4.9	32.0	20.0 AGL/ 40.0 AMSL	
Max Gains(s):44.7 dBi @ 4.0000 GHz								
Maximum total input power at antenna flange (Watts) = 0.0								
Maximum aggregate output EIRP for all carriers (dBW)0.0								

**F) Remote Control**

1	620 HICKSVILLE ROAD BETHPAGE, NASSAU, NY, 11714 516-803-0300	<b>Call Sign:</b> N/A
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**G) Antenna Structure marking and lighting requirements:**

None unless otherwise specified under Special and General Provisions

**H) Special and General Provisions**

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

- 4 Licensee must ensure that a current listing of the name, title, mailing address, email address, and telephone number of the responsible point of contact are on file at the FCC. Any changes must be filed electronically in the International Bureau Filing System (MyIBFS) using the "Pleadings and Comments" link on the MyIBFS homepage within 10 days of the change.
- 6 Licensee must comply with the license modification and notification requirements of 47 CFR § 25.118 to change the coordinates of its authorized earth station.
- 8 Licensee must notify the Commission when all earth stations operating under this authorization are no longer operational or when they have not been used to provide any service during any 6-month operation.
- 90398 Changes to previously authorized transmitting facilities, operations and devices regulated by the Commission that may have significant environmental impact, and are not excluded by §1.1306, require the preparation of an Environmental Assessment (EA) by the licensee. (See 47 C.F.R. §§1.1307, 1.1308 and 1.1311)
- 90399 The licensee shall, at all times, take all necessary measures to ensure that operation of this (these) authorized earth station(s) does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR §§ 1.1307(b) and 1.1310. Physical measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. Compliance can be accomplished in most cases by appropriate restrictions, such as fencing. Requirements for restrictions can be determined by predictions based on calculations, modeling, or by field measurements. The FCC's OET Bulletin 65 (available on-line at [www.fcc.gov/oet/rfsafety](http://www.fcc.gov/oet/rfsafety)) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers.
- 90405 Operations with PERMITTED LIST satellite must comply with §25.212 levels and operations above these levels must coordinate with satellite operators prior to operations.
- 900407 The Permitted Space Station List (Permitted List) is a list of all geostationary space stations providing fixed-satellite service pursuant to a Commission license or grant of U.S. market access. The Permitted List currently includes the following frequency bands per §25.103 and §25.115(k)(1):
  - 3600-4200 MHz (space-to-Earth)
  - 5850-6725 MHz (Earth-to-space)
  - 10.95-11.2 GHz (space-to-Earth)
  - 11.45-12.2 GHz (space-to-Earth)
  - 13.75-14.5 GHz (Earth-to-space)
  - 18.3-18.8 GHz (space-to-Earth)
  - 19.7-20.2 GHz (space-to-Earth)
  - 24.75-25.25 GHz (Earth-to-space)
  - 28.35-28.6 GHz (Earth-to-space)
  - 29.25-30.0 GHz (Earth-to-space).

Earth stations with "Permitted List" designated as a point of communication may access any space station on the Permitted List, provided the operations comply with the applicable "routine" uplink and downlink limits, are within the specific frequency bands authorized in the earth station license, have completed coordination with terrestrial stations pursuant to §25.203, and otherwise comply with all terms and conditions of both the earth station license and the space station grant.





**UNITED STATES OF AMERICA**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**RADIO STATION AUTHORIZATION**  
*Current Authorization : FCC WEB Reproduction*  
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**Name:** AMC NETWORKS BROADCASTING AND TECHNOLOGY LLC      **Call Sign:** E040445  
**File Number:** SES-RWL-20191021-01353

**Authorization Type:** Renewal of License  
**Non Common Carrier**      **Grant Date:** 10/25/2019      **Expiration Date:** 01/18/2035

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## H) Special and General Provisions

B) This RADIO STATION AUTHORIZATION is granted subject to the additional conditions specified below:

This authorization is issued on the grantee's representation that the statements contained in the application are true and that the undertakings described will be carried out in good faith.

This authorization shall not be construed in any manner as a finding by the Commission on the question of marking or lighting of the antenna system should future conditions require. The grantee expressly agrees to install such marking or lighting as the Commission may require under the provisions of Section 303(q) of the Communications Act. 47 U.S.C. § 303(q).

Neither this authorization nor the right granted by this authorization shall be assigned or otherwise transferred to any person, firm, company or corporation without the written consent of the Commission. This authorization is subject to the right of use or control by the government of the United States conferred by Section 706 of the Communications Act. 47 U.S.C. § 706. Operation of this station is governed by Part 25 of the Commission's Rules. 47 C.F.R. Part 25.

This authorization shall not vest in the licensee any right to operate this station nor any right in the use of the designated frequencies beyond the term of this license, nor in any other manner than authorized herein.

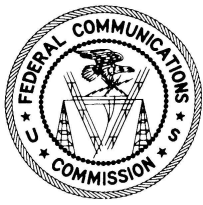
This authorization is issued on the grantee's representation that the station is in compliance with environmental requirements set forth in Section 1.1307 of the Commission's Rules. 47 C.F.R. § 1.1307.

This authorization is issued on the grantee's representation that the station is in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules. 47 C.F.R. § 17.4.

The following condition applies when this authorization permits construction of or modifies the construction permit of a radio station.

This authorization shall be automatically forfeited if the station does not meet each required construction deadline by the required date of completion unless, before such date(s), a specific application is timely filed to request an extension of the construction deadline(s), supported with good cause why that failure to construct by the required date was due to factors not under control of the grantee.

**Licensees are required to pay annual regulatory fees related to this authorization. The requirement to collect annual regulatory fees from regulates is contained in Public Law 103-66, "The Omnibus Budget Reconciliation Act of 1993". These regulatory fees, which are likely to change each fiscal year, are used to offset costs associated with the Commission's enforcement, public service, international and policy and rulemaking activities. The Commission issues a Report and Order each year, setting the new regulatory fee rates. Receive only earth stations are exempt from payment of regulatory fees.**



**UNITED STATES OF AMERICA**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**RADIO STATION AUTHORIZATION**  
*Current Authorization : FCC WEB Reproduction*  
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**Name:** AMC NETWORKS BROADCASTING AND TECHNOLOGY LLC    **Call Sign:** E000597  
**File Number:** SES-RWL-20100825-01092

**Authorization Type:** Renewal of License  
**Non Common Carrier**    **Grant Date:** 09/03/2010    **Expiration Date:** 11/22/2025

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

**Class of Station:** Fixed Earth Stations

**A) Site Location(s)**

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
1)	1	620 HICKSVILLE ROAD BETHPAGE, NASSAU, NY, 11714	40° 44' 36.6" N	73° 29' 38.0" W	32.0	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, November 22, 2010 (3 AM Eastern Standard Time) and ending Saturday, November 22, 2025 (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)	14000.0000 - 14500.0000	L	36M0F3F	T	78.86	51.86	1		ANALOG VIDEO WITH ASSOCIATED AUDIO
2)	14000.0000 - 14500.0000	L	36M0G7F	T	78.86	39.32	1		DIGITAL COMPRESSED VIDEO
3)	11700.0000 - 12200.0000	L	36M0F3F	R			1		ANALOG VIDEO WITH ASSOCIATED AUDIO
4)	11700.0000 - 12200.0000	L	36M0G7F	R			1		DIGITAL COMPRESSED VIDEO

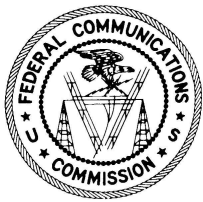
**C) Frequency Coordination**

#	Frequency Limits(MHz)	Satellite Arc (Deg. Long.) East West Limit Limit	Elevation (Degrees) East West Limit Limit	Azimuth (Degrees) East West Limit Limit	Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
1)	14000.0000 - 14500.0000	45.0W-143.0W	34.6 - 6.7	140.3 - 256.3	5.84	1
2)	11700.0000 - 12200.0000	45.0W-143.0W	34.6 - 6.7	140.3 - 256.3		1

**D) Point of Communications**

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

- 1) 1 to Permitted Space Station List



**UNITED STATES OF AMERICA**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**RADIO STATION AUTHORIZATION**  
*Current Authorization : FCC WEB Reproduction*  
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**Name:** AMC NETWORKS BROADCASTING AND TECHNOLOGY LLC      **Call Sign:** E000597  
**File Number:** SES-RWL-20100825-01092

**Authorization Type:** Renewal of License  
**Non Common Carrier**      **Grant Date:** 09/03/2010      **Expiration Date:** 11/22/2025

**E) Antenna Facilities**

Site ID	Antenna ID	Units	Diameter (Meters)	Manufacturer	Model Number	Site Elevation	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
1	1	1	6.1	VERTEX	6.1 KPK	32.0	6.1 AGL/ 38.1 AMSL	

Max Gains(s):55.7 dBi @ 11.0000 GHz    57.1 dBi @ 14.0000 GHz

Maximum total input power at antenna flange (Watts) = 149.96

Maximum aggregate output EIRP for all carriers (dBW)78.86

**F) Remote Control**

1      **Call Sign:**

**G) Antenna Structure marking and lighting requirements:**

None unless otherwise specified under Special and General Provisions

**H) Special and General Provisions**

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

- 1010      Applicable to all receiving frequency bands. Emission designator indicates the maximum bandwidth of received signal at associated station(s). Maximum EIRP and maximum EIRP density are not applicable to receive operations.
- 1900      Applicable to all transmitting frequency bands. Authority is granted to transmit any number of RF carriers with the specified parameters on any discrete frequencies within associated band in accordance with the other terms and conditions of this authorization, subject to any additional limitations that may be required to avoid unacceptable levels of inter-satellite interference.
- 2010      This authorization is issued pursuant to the Commission's Second Report and Order adopted June 16, 1972 (35 FCC 2d 844) and Memorandum, Opinion and Order adopted December 21, 1972 (38 FCC 2d 665) in Docket No. 16495 and is subject to the policies adopted in that proceeding.
- 2916      Transmitter(s) must be turned off during antenna maintenance to ensure compliance with the FCC-specified safety guidelines for human exposure to radiofrequency radiation in the region between the antenna feed and the reflector. Appropriate measures must also be taken to restrict access to other regions in which the earth station's power flux density levels exceed the specified guidelines.
- 2938      Upon completion of construction, each licensee must file with the Commission a certification including the following information: (1) name of the licensee, (2) file number of the application, (3) call sign of the antenna, (4) date of the license, (5) certification that the facility as authorized has been completed, (6) certification that each antenna facility has been tested and is within 2 dB of the pattern specified in Section 25.209, and (7) certification that the station is operational (including the date of commencement of service) and will remain operational during the license period unless the license is submitted for cancellation.
- 3219      All existing transmitting facilities, operations and devices regulated by the Commission must be in compliance with the Commission's radiofrequency (RF) exposure guidelines, pursuant to Section 1.1307(b)(1) through (b)(3) of the Commission's rules, or if not in compliance, file an Environmental Assessment (EA) as specified in Section 1.1311. See 47 CFR § 1.1307 (b) (5).
- 5216      All operations shall be on a non-common carrier basis.



**UNITED STATES OF AMERICA**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**RADIO STATION AUTHORIZATION**  
*Current Authorization : FCC WEB Reproduction*  
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**Name:** AMC NETWORKS BROADCASTING AND TECHNOLOGY LLC      **Call Sign:** E000597  
**File Number:** SES-RWL-20100825-01092

**Authorization Type:** Renewal of License  
**Non Common Carrier:**      **Grant Date:** 09/03/2010      **Expiration Date:** 11/22/2025

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## H) Special and General Provisions

B) This RADIO STATION AUTHORIZATION is granted subject to the additional conditions specified below:

This authorization is issued on the grantee's representation that the statements contained in the application are true and that the undertakings described will be carried out in good faith.

This authorization shall not be construed in any manner as a finding by the Commission on the question of marking or lighting of the antenna system should future conditions require. The grantee expressly agrees to install such marking or lighting as the Commission may require under the provisions of Section 303(q) of the Communications Act. 47 U.S.C. § 303(q).

Neither this authorization nor the right granted by this authorization shall be assigned or otherwise transferred to any person, firm, company or corporation without the written consent of the Commission. This authorization is subject to the right of use or control by the government of the United States conferred by Section 706 of the Communications Act. 47 U.S.C. § 706. Operation of this station is governed by Part 25 of the Commission's Rules. 47 C.F.R. Part 25.

This authorization shall not vest in the licensee any right to operate this station nor any right in the use of the designated frequencies beyond the term of this license, nor in any other manner than authorized herein.

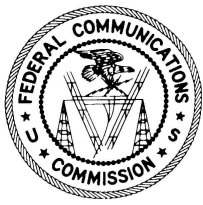
This authorization is issued on the grantee's representation that the station is in compliance with environmental requirements set forth in Section 1.1307 of the Commission's Rules. 47 C.F.R. § 1.1307.

This authorization is issued on the grantee's representation that the station is in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules. 47 C.F.R. § 17.4.

The following condition applies when this authorization permits construction of or modifies the construction permit of a radio station.

This authorization shall be automatically forfeited if the station does not meet each required construction deadline by the required date of completion unless, before such date(s), a specific application is timely filed to request an extension of the construction deadline(s), supported with good cause why that failure to construct by the required date was due to factors not under control of the grantee.

**Licensees are required to pay annual regulatory fees related to this authorization. The requirement to collect annual regulatory fees from regulates is contained in Public Law 103-66, "The Omnibus Budget Reconciliation Act of 1993". These regulatory fees, which are likely to change each fiscal year, are used to offset costs associated with the Commission's enforcement, public service, international and policy and rulemaking activities. The Commission issues a Report and Order each year, setting the new regulatory fee rates. Receive only earth stations are exempt from payment of regulatory fees.**



**UNITED STATES OF AMERICA**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**RADIO STATION AUTHORIZATION**  
*Current Authorization : FCC WEB Reproduction*  
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**Name:** AMC NETWORKS BROADCASTING AND TECHNOLOGY LLC    **Call Sign:** E000228  
**File Number:** SES-RWL-20100421-00463

**Authorization Type:** Renewal of License  
**Non Common Carrier**    **Grant Date:** 04/28/2010    **Expiration Date:** 06/30/2025

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

**Class of Station:** Fixed Earth Stations

**A) Site Location(s)**

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
1)	1	620 Hicksville Road BETHPAGE, NASSAU, NY, 11714	40° 44' 37.8" N	73° 29' 40.0" W	32.0	27	

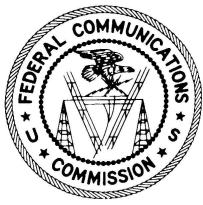
Licenses certifies antenna(s) comply with gain patterns specified in Section 25.209

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 Wednesday, June 30, 2010 (3 AM Eastern Standard Time) and ending Monday, June 30, 2025 (3 AM Eastern Standard Time). The required date of completion of construction and commencement of operation is Wednesday, November 14, 2001 (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)	5925.0000 - 6425.0000	L	36M0F3F	T	77.80	50.80	1		ANALOG VIDEO WITH ASSOCIATED AUDIO
2)	5925.0000 - 6425.0000	L	36M0G7F	T	77.80	38.26	1		DIGITAL COMPRESSED VIDEO
3)	3700.0000 - 4200.0000	L	36M0F3F	R			1		ANALOG VIDEO WITH ASSOCIATED AUDIO
4)	3700.0000 - 4200.0000	L	36M0G7F	R			1		DIGITAL COMPRESSED VIDEO
5)	5925.0000 - 6425.0000	L	36M0F3F	T	74.71	47.71	2		ANALOG VIDEO WITH ASSOCIATED AUDIO
6)	5925.0000 - 6425.0000	L	36M0G7F	T	74.71	35.16	2		DIGITAL COMPRESSED VIDEO
7)	3700.0000 - 4200.0000	L	36M0F3F	R			2		ANALOG VIDEO WITH ASSOCIATED AUDIO
8)	3700.0000 - 4200.0000	L	36M0G7F	R			2		DIGITAL COMPRESSED VIDEO



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**RADIO STATION AUTHORIZATION**  
*Current Authorization : FCC WEB Reproduction*  
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**Name:** AMC NETWORKS BROADCASTING AND TECHNOLOGY LLC      **Call Sign:** E000228  
**File Number:** SES-RWL-20100421-00463

**Authorization Type:** Renewal of License  
**Non Common Carrier**      **Grant Date:** 04/28/2010      **Expiration Date:** 06/30/2025

**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)	5925.0000 - 6425.0000	60.0W	143.0W	40.9	6.7	159.8	256.3	8.38	1
2)	3700.0000 - 4200.0000	60.0W	143.0W	40.9	6.7	159.8	256.3		1
3)	5925.0000 - 6425.0000	60.0W	143.0W	40.9	6.7	159.8	256.3	7.09	2
4)	3700.0000 - 4200.0000	60.0W	143.0W	40.9	6.7	159.8	256.3		2

**D) Point of Communications**

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

- 1) 1 to Permitted Space Station List

**E) Antenna Facilities**

Site ID	Antenna ID	Units	Diameter (Meters)	Manufacturer	Model Number	Site Elevation	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
1	1	1	9.0	VERTEX	9 KPC	32.0	9.0 AGL/ 41.0 AMSL	

Max Gains(s):50.1 dBi @ 4.0000 GHz    53.5 dBi @ 6.0000 GHz

Maximum total input power at antenna flange (Watts) = 538.31

Maximum aggregate output EIRP for all carriers (dBW)80.81

1	2	1	7.2	VERTEX	7.2 KPC	32.0	7.2 AGL/ 39.2 AMSL	
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Max Gains(s):48.0 dBi @ 4.0000 GHz    51.7 dBi @ 6.0000 GHz

Maximum total input power at antenna flange (Watts) = 400.0

Maximum aggregate output EIRP for all carriers (dBW)77.7

**F) Remote Control**

1      **Call Sign:**

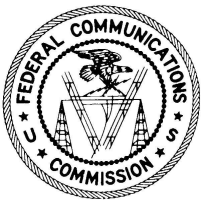
**G) Antenna Structure marking and lighting requirements:**

None unless otherwise specified under Special and General Provisions

**H) Special and General Provisions**

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

- 1010      Applicable to all receiving frequency bands. Emission designator indicates the maximum bandwidth of received signal at associated station(s). Maximum EIRP and maximum EIRP density are not applicable to receive operations.
- 1900      Applicable to all transmitting frequency bands. Authority is granted to transmit any number of RF carriers with the specified parameters on any discrete frequencies within associated band in accordance with the other terms and conditions of this authorization, subject to any additional limitations that may be required to avoid unacceptable levels of inter-satellite interference.



UNITED STATES OF AMERICA  
**FEDERAL COMMUNICATIONS COMMISSION**  
**RADIO STATION AUTHORIZATION**  
*Current Authorization : FCC WEB Reproduction*  
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**Name:** AMC NETWORKS BROADCASTING AND TECHNOLOGY LLC      **Call Sign:** E000228  
**File Number:** SES-RWL-20100421-00463

**Authorization Type:** Renewal of License  
**Non Common Carrier**      **Grant Date:** 04/28/2010      **Expiration Date:** 06/30/2025

---

**H) Special and General Provisions**

- 2916 Transmitter(s) must be turned off during antenna maintenance to ensure compliance with the FCC-specified safety guidelines for human exposure to radiofrequency radiation in the region between the antenna feed and the reflector. Appropriate measures must also be taken to restrict access to other regions in which the earth station's power flux density levels exceed the specified guidelines.
- 2938 Upon completion of construction, each licensee must file with the Commission a certification including the following information: (1) name of the licensee, (2) file number of the application, (3) call sign of the antenna, (4) date of the license, (5) certification that the facility as authorized has been completed, (6) certification that each antenna facility has been tested and is within 2 dB of the pattern specified in Section 25.209, and (7) certification that the station is operational (including the date of commencement of service) and will remain operational during the license period unless the license is submitted for cancellation.
- 3219 All existing transmitting facilities, operations and devices regulated by the Commission must be in compliance with the Commission's radiofrequency (RF) exposure guidelines, pursuant to Section 1.1307(b)(1) through (b)(3) of the Commission's rules, or if not in compliance, file an Environmental Assessment (EA) as specified in Section 1.1311. See 47 CFR § 1.1307 (b) (5).
- 5216 All operations shall be on a non-common carrier basis.



**UNITED STATES OF AMERICA**  
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**RADIO STATION AUTHORIZATION**  
*Current Authorization : FCC WEB Reproduction*  
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**Name:** AMC NETWORKS BROADCASTING AND TECHNOLOGY LLC      **Call Sign:** E000228  
**File Number:** SES-RWL-20100421-00463

**Authorization Type:** Renewal of License  
**Non Common Carrier**      **Grant Date:** 04/28/2010      **Expiration Date:** 06/30/2025

---

## H) Special and General Provisions

B) This RADIO STATION AUTHORIZATION is granted subject to the additional conditions specified below:

This authorization is issued on the grantee's representation that the statements contained in the application are true and that the undertakings described will be carried out in good faith.

This authorization shall not be construed in any manner as a finding by the Commission on the question of marking or lighting of the antenna system should future conditions require. The grantee expressly agrees to install such marking or lighting as the Commission may require under the provisions of Section 303(q) of the Communications Act. 47 U.S.C. § 303(q).

Neither this authorization nor the right granted by this authorization shall be assigned or otherwise transferred to any person, firm, company or corporation without the written consent of the Commission. This authorization is subject to the right of use or control by the government of the United States conferred by Section 706 of the Communications Act. 47 U.S.C. § 706. Operation of this station is governed by Part 25 of the Commission's Rules. 47 C.F.R. Part 25.

This authorization shall not vest in the licensee any right to operate this station nor any right in the use of the designated frequencies beyond the term of this license, nor in any other manner than authorized herein.

This authorization is issued on the grantee's representation that the station is in compliance with environmental requirements set forth in Section 1.1307 of the Commission's Rules. 47 C.F.R. § 1.1307.

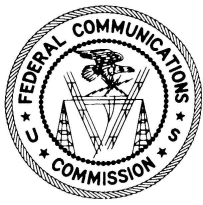
This authorization is issued on the grantee's representation that the station is in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules. 47 C.F.R. § 17.4.

The following condition applies when this authorization permits construction of or modifies the construction permit of a radio station.

This authorization shall be automatically forfeited if the station does not meet each required construction deadline by the required date of completion unless, before such date(s), a specific application is timely filed to request an extension of the construction deadline(s), supported with good cause why that failure to construct by the required date was due to factors not under control of the grantee.

**Licensees are required to pay annual regulatory fees related to this authorization. The requirement to collect annual regulatory fees from regulates is contained in Public Law 103-66, "The Omnibus Budget Reconciliation Act of 1993". These regulatory fees, which are likely to change each fiscal year, are used to offset costs associated with the Commission's enforcement, public service, international and policy and rulemaking activities. The Commission issues a Report and Order each year, setting the new regulatory fee rates. Receive only earth stations are exempt from payment of regulatory fees.**





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

*Prior(Closed) Authorization : FCC WEB Reproduction  
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**Name:** AMC NETWORKS BROADCASTING AND TECHNOLOGY LLC      **Call Sign:** E010028  
**File Number:** SES-RWL-20110207-00116

**Authorization Type:** Renewal of License  
**Non Common Carrier**      **Grant Date:** 02/08/2011      **Expiration Date:** 05/07/2026

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

**Class of Station:** Fixed Earth Stations

**A) Site Location(s)**

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
1)	1	620 HICKSVILLE ROAD BETHPAGE, NASSAU, NY, 11714	40° 44' 39.6" N	73° 29' 38.1" W	32.0	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 Saturday, May 07, 2011 (3 AM Eastern Standard Time) and ending Thursday, May 07, 2026 (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)	6088.8000 - 6425.0000	H,V,L,R	36M0F3F	T	77.70	50.70	1		ANALOG VIDEO WITH ASSOCIATED AUDIO
2)	6088.8000 - 6425.0000	H,V,L,R	36M0G7F	T	77.70	38.15	1		DIGITAL COMPRESSED VIDEO
3)	5925.0000 - 6425.0000	H,V,L,R	36M0F3F	T	62.50	35.50	1		ANALOG VIDEO WITH ASSOCIATED AUDIO
4)	5925.0000 - 6425.0000	H,V,L,R	36M0G7F	T	75.04	35.50	1		DIGITAL COMPRESSED VIDEO
5)	5925.0000 - 6038.8000	H,V,L,R	36M0F3F	T	77.70	50.70	1		ANALOG VIDEO WITH ASSOCIATED AUDIO
6)	5925.0000 - 6038.8000	H,V,L,R	36M0G7F	T	77.70	38.15	1		DIGITAL COMPRESSED VIDEO
7)	3700.0000 - 4200.0000	H,V,L,R	36M0F3F	R			1		ANALOG VIDEO WITH ASSOCIATED AUDIO
8)	3700.0000 - 4200.0000	H,V,L,R	36M0G7F	R			1		DIGITAL COMPRESSED VIDEO
9)	6088.0000 - 6425.0000	H,V,L,R	36M0F3F	T	77.70	50.70	2		ANALOG VIDEO CARRIER
10)	6088.0000 - 6425.0000	H,V,L,R	36M0G7F	T	77.70	38.15	2		DIGITAL COMPRESSED VIDEO CARRIER



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

*Prior(Closed) Authorization : FCC WEB Reproduction  
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**Name:** AMC NETWORKS BROADCASTING AND TECHNOLOGY LLC      **Call Sign:** E010028  
**File Number:** SES-RWL-20110207-00116

Authorization Type:	Renewal of License						
Non Common Carrier	Grant Date:	02/08/2011	Expiration Date:	05/07/2026			
11) 5925.0000 - 6038.0000	H,V,L,R	36M0F3F	T	77.70	50.70	2	ANALOG VIDEO CARRIER
12) 5925.0000 - 6038.0000	H,V,L,R	36M0G7F	T	77.70	38.15	2	DIGITAL COMPRESSED VIDEO CARRIER
13) 3700.0000 - 4200.0000	H,V,L,R	36M0F3F	R			2	ANALOG VIDEO CARRIER
14) 3700.0000 - 4200.0000	H,V,L,R	36M0G7F	R			2	DIGITAL COMPRESSED VIDEO CARRIER

**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	West	East	West	East	West		
1)	3700.0000 - 4200.0000	60.0W	-143.0W	40.9	-6.7	159.8	-256.3	0.0	2
2)	5925.0000 - 6038.0000	60.0W	-143.0W	40.9	-6.7	159.8	-256.3	8.28	2
3)	6088.0000 - 6425.0000	60.0W	-143.0W	40.9	-6.7	159.8	-256.3	8.28	2
4)	5925.0000 - 6425.0000	60.0W	-143.0W	40.9	-6.7	159.8	-256.3	-6.92	1
5)	5925.0000 - 6038.8000	60.0W	-143.0W	40.9	-6.7	159.8	-256.3	8.28	1
6)	6088.8000 - 6425.0000	60.0W	-143.0W	40.9	-6.7	159.8	-256.3	8.28	1
7)	3700.0000 - 4200.0000	60.0W	-143.0W	40.9	-6.7	159.8	-256.3		1

**D) Point of Communications**

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

- 1) 1 to Permitted Space Station List

**E) Antenna Facilities**

Site ID	Antenna ID	Units	Diameter (Meters)	Manufacturer	Model Number	Site Elevation	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
1	1	1	9.0	VERTEX	9 KPC	32.0	9.0 AGL/ 41.0 AMSL	

Max Gains(s):53.5 dBi @ 6.0000 GHz    50.1 dBi @ 4.0000 GHz

Maximum total input power at antenna flange (Watts) = 263.02

Maximum aggregate output EIRP for all carriers (dBW)77.7

1	2	1	9.0	VERTEX	9 KPC	32.0	9.0 AGL/ 41.0 AMSL	
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Max Gains(s):50.1 dBi @ 4.0000 GHz    53.5 dBi @ 6.0000 GHz

Maximum total input power at antenna flange (Watts) = 263.02

Maximum aggregate output EIRP for all carriers (dBW)77.7

**G) Antenna Structure marking and lighting requirements:**

None unless otherwise specified under Special and General Provisions



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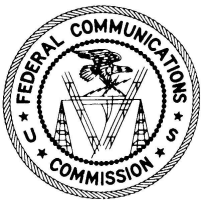
Name: AMC NETWORKS BROADCASTING AND TECHNOLOGY LLC Call Sign: E010028  
File Number: SES-RWL-20110207-00116

Authorization Type: Renewal of License  
Non Common Carrier Grant Date: 02/08/2011 Expiration Date: 05/07/2026

## H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

- 1010 Applicable to all receiving frequency bands. Emission designator indicates the maximum bandwidth of received signal at associated station(s). Maximum EIRP and maximum EIRP density are not applicable to receive operations.
- 1900 Applicable to all transmitting frequency bands. Authority is granted to transmit any number of RF carriers with the specified parameters on any discrete frequencies within associated band in accordance with the other terms and conditions of this authorization, subject to any additional limitations that may be required to avoid unacceptable levels of inter-satellite interference.
- 2010 This authorization is issued pursuant to the Commission's Second Report and Order adopted June 16, 1972 (35 FCC 2d 844) and Memorandum, Opinion and Order adopted December 21, 1972 (38 FCC 2d 665) in Docket No. 16495 and is subject to the policies adopted in that proceeding.
- 2916 Transmitter(s) must be turned off during antenna maintenance to ensure compliance with the FCC-specified safety guidelines for human exposure to radiofrequency radiation in the region between the antenna feed and the reflector. Appropriate measures must also be taken to restrict access to other regions in which the earth station's power flux density levels exceed the specified guidelines.
- 2938 Upon completion of construction, each licensee must file with the Commission a certification including the following information: (1) name of the licensee, (2) file number of the application, (3) call sign of the antenna, (4) date of the license, (5) certification that the facility as authorized has been completed, (6) certification that each antenna facility has been tested and is within 2 dB of the pattern specified in Section 25.209, and (7) certification that the station is operational (including the date of commencement of service) and will remain operational during the license period unless the license is submitted for cancellation.
- 3219 All existing transmitting facilities, operations and devices regulated by the Commission must be in compliance with the Commission's radiofrequency (RF) exposure guidelines, pursuant to Section 1.1307(b)(1) through (b)(3) of the Commission's rules, or if not in compliance, file an Environmental Assessment (EA) as specified in Section 1.1311. See 47 CFR § 1.1307 (b) (5).
- 5216 All operations shall be on a non-common carrier basis.



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File Number: SES-RWL-20110207-00116

Authorization Type: Renewal of License  
Non Common Carrier Grant Date: 02/08/2011 Expiration Date: 05/07/2026

## H) Special and General Provisions

B) This RADIO STATION AUTHORIZATION is granted subject to the additional conditions specified below:

This authorization is issued on the grantee's representation that the statements contained in the application are true and that the undertakings described will be carried out in good faith.

This authorization shall not be construed in any manner as a finding by the Commission on the question of marking or lighting of the antenna system should future conditions require. The grantee expressly agrees to install such marking or lighting as the Commission may require under the provisions of Section 303(q) of the Communications Act. 47 U.S.C. § 303(q).

Neither this authorization nor the right granted by this authorization shall be assigned or otherwise transferred to any person, firm, company or corporation without the written consent of the Commission. This authorization is subject to the right of use or control by the government of the United States conferred by Section 706 of the Communications Act. 47 U.S.C. § 706. Operation of this station is governed by Part 25 of the Commission's Rules. 47 C.F.R. Part 25.

This authorization shall not vest in the licensee any right to operate this station nor any right in the use of the designated frequencies beyond the term of this license, nor in any other manner than authorized herein.

This authorization is issued on the grantee's representation that the station is in compliance with environmental requirements set forth in Section 1.1307 of the Commission's Rules. 47 C.F.R. § 1.1307.

This authorization is issued on the grantee's representation that the station is in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules. 47 C.F.R. § 17.4.

The following condition applies when this authorization permits construction of or modifies the construction permit of a radio station.

This authorization shall be automatically forfeited if the station does not meet each required construction deadline by the required date of completion unless, before such date(s), a specific application is timely filed to request an extension of the construction deadline(s), supported with good cause why that failure to construct by the required date was due to factors not under control of the grantee.

**Licensees are required to pay annual regulatory fees related to this authorization. The requirement to collect annual regulatory fees from regulates is contained in Public Law 103-66, "The Omnibus Budget Reconciliation Act of 1993". These regulatory fees, which are likely to change each fiscal year, are used to offset costs associated with the Commission's enforcement, public service, international and policy and rulemaking activities. The Commission issues a Report and Order each year, setting the new regulatory fee rates. Receive only earth stations are exempt from payment of regulatory fees.**