



UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
RADIO STATION AUTHORIZATION

Unofficial Copy

Notice: The availability of this draft for public viewing in no way predetermines the outcome of this application's review.

Name WAL-MART STORES, INC., A DELAWARE CORPORATION **Callsign:** E940457
(d/b/a) **File Number:** SES-MOD-20060407-00593

Authorization Modification of License
Non Common Carrier **Grant Date:** **Expiration Date:** 12/23/2019

Nature Of Service: Domestic Fixed Satellite Service

Nature Of Service: Fixed Satellite Service

Class Of Station: VSAT Network

A) Site Location(s)

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
1)	HUB- (SECONDARY)	2001 BEAR HOLLOW ROAD(6.1M. PINEVILLE, MCDONALD, MO 64856	36°30'6.0"N	94°15'57.0"W	397.3	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
2)	HUB- (PRIMARY)	702 S.W. 8TH STREET(9.0M. BENTONVILLE, BENTON, AR 72716	36°21'58.0"N	94°13'8.0"W	392.6	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
3)	VSAT 1	PROD.VSAT 0.74M., (5000 UNITS) CONUS, AK, HI, PR, ,	°''	°''		NA	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
4)	VSAT 2	RAVENVSAT 0.74M., (2000 UNITS) CONUS, AK, HI, PR, ,	°''	°''		NA	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
5)	VSAT 3	PROD.VSAT 0.98M., (10000 UNITS) CONUS, AK, HI, PR, ,	°''	°''		NA	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
6)	VSAT 4	PROD.VSAT 1.2M., (10000 UNITS) CONUS, AK, HI, PR, ,	°''	°''		NA	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209



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7) VSAT 5 PROD.VSAT 1.8M., °" °" NA
 (1000 UNITS)
 CONUS, AK, HI, PR, ,
 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209

8) VSAT 6 PROD.VSAT 2.4M., °" °" NA
 (1000 UNITS)
 CONUS, AK, HI, PR, ,
 Licensee 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 Thursday, December 23, 2004 (3 AM Eastern Standard Time) and ending Monday, December 23, 2019 (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	H,V	200KG7D	T	42.00	25.00	.74 PROD		QPSK, DATA, INROUTE, 128 KSPS
2)	14000.0000 - 14500.0000	H,V	400KG7D	T	42.00	22.00	.74 PROD		QPSK, DATA INROUTE, 256 KSPS
3)	14000.0000 - 14500.0000	H,V	800KG7D	T	42.00	19.00	.74 PROD		QPSK, DATA, INROUTE, 512 KSPS
4)	14000.0000 - 14500.0000	H,V	1M60G7D	T	42.00	16.00	.74 PROD		QPSK, DATA INROUTE, 1024 KSPS
5)	11700.0000 - 12200.0000	H,V	36M0F9F	R			.74 PROD		FM VIDEO WITH AUDIO SUB CRX
6)	11700.0000 - 12200.0000	H,V	6M00G7D	R			.74 PROD		QPSK, DATA, INROUTE, 5 MSPS



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7) 11700.0000 - 12200.0000	H,V 12M0G7D	R	.74 PROD.			QPSK, DATA, INROUTE, 10 MSPS
8) 11700.0000 - 12200.0000	H,V 24M0G7D	R	.74 PROD.			QPSK, DATA, INROUTE, 20 MSPS
9) 11700.0000 - 12200.0000	H,V 36M0G7D	R	.74 PROD.			QPSK, DATA, INROUTE, 30 MSPS
10) 14000.0000 - 14500.0000	H,V 200KG7D	T	41.70	24.70	.74	QPSK, DATA, INROUTE, 128 KSPS
11) 14000.0000 - 14500.0000	H,V 400KG7D	T	41.70	21.70	.74	QPSK, DATA INROUTE, 256 KSPS
12) 14000.0000 - 14500.0000	H,V 800KG7D	T	41.70	18.70	.74	QPSK, DATA, INROUTE, 512 KSPS
13) 14000.0000 - 14500.0000	H,V 1M60G7D	T	41.70	15.70	.74	QPSK, DATA INROUTE, 1024 KSPS
14) 11700.0000 - 12200.0000	H,V 36M0F9F	R	.74			FM VIDEO WITH AUDIO SUB CRX
15) 11700.0000 - 12200.0000	H,V 6M00G7D	R	.74			QPSK, DATA, INROUTE, 5 MSPS
16) 11700.0000 - 12200.0000	H,V 12M0G7D	R	.74			QPSK, DATA, INROUTE, 10 MSPS
17) 11700.0000 - 12200.0000	H,V 24M0G7D	R	.74			QPSK, DATA, INROUTE, 20 MSPS
18) 11700.0000 - 12200.0000	H,V 36M0G7D	R	.74			QPSK, DATA, INROUTE, 30 MSPS
19) 14000.0000 - 14500.0000	H,V 200KG7D	T	44.30	27.30	.98 PROD.	QPSK, DATA, INROUTE, 128 KSPS
20) 14000.0000 - 14500.0000	H,V 400KG7D	T	44.30	24.30	.98 PROD.	QPSK, DATA INROUTE, 256 KSPS
21) 14000.0000 - 14500.0000	H,V 800KG7D	T	44.30	21.30	.98 PROD.	QPSK, DATA, INROUTE, 512 KSPS
22) 14000.0000 - 14500.0000	H,V 1M60G7D	T	44.30	19.30	.98 PROD.	QPSK, DATA INROUTE, 1024 KSPS



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23) 11700.0000 - 12200.0000	H,V	36M0F9F	R			.98 PROD.	FM VIDEO WITH AUDIO SUB CRX
24) 11700.0000 - 12200.0000	H,V	6M00G7D	R			.98 PROD.	QPSK, DATA, INROUTE, 5 MSPS
25) 11700.0000 - 12200.0000	H,V	12M0G7D	R			.98 PROD.	QPSK, DATA, INROUTE, 10 MSPS
26) 11700.0000 - 12200.0000	H,V	24M0G7D	R			.98 PROD.	QPSK, DATA, INROUTE, 20 MSPS
27) 11700.0000 - 12200.0000	H,V	36M0G7D	R			.98 PROD.	QPSK, DATA, INROUTE, 30 MSPS
> 28) 14000.0000 - 14500.0000	H,V	200KG7D	T	46.1 36.10	29.10	1.2 PROD.	QPSK, DATA, INROUTE, 128 KSPS
> 29) 14000.0000 - 14500.0000	H,V	400KG7D	T	46.1 36.10	26.10	1.2 PROD.	QPSK, DATA INROUTE, 256 KSPS
> 30) 14000.0000 - 14500.0000	H,V	800KG7D	T	46.1 36.10	23.10	1.2 PROD.	QPSK, DATA, INROUTE, 512 KSPS
> 31) 14000.0000 - 14500.0000	H,V	1M60G7D	T	46.1 36.10	20.10	1.2 PROD.	QPSK, DATA INROUTE, 1024 KSPS
32) 11700.0000 - 12200.0000	H,V	36M0F9F	R			1.2 PROD.	FM VIDEO WITH AUDIO SUB CRX
33) 11700.0000 - 12200.0000	H,V	12M0G7D	R			1.2 PROD.	QPSK, DATA, INROUTE, 10 MSPS
34) 11700.0000 - 12200.0000	H,V	24M0G7D	R			1.2 PROD.	QPSK, DATA, INROUTE, 20 MSPS
35) 11700.0000 - 12200.0000	H,V	36M0G7D	R			1.2 PROD.	QPSK, DATA, INROUTE, 30 MSPS
36) 11700.0000 - 12200.0000	H,V	6M00G7D	R			1.2 PROD.	QPSK, DATA, INROUTE, 5 MSPS
37) 14000.0000 - 14500.0000	H,V	200KG7D	T	49.70	32.70	1.8 PROD.	QPSK, DATA, INROUTE, 128 KSPS
38) 14000.0000 - 14500.0000	H,V	400KG7D	T	49.70	29.70	1.8 PROD.	QPSK, DATA INROUTE, 256 KSPS



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39) 14000.0000 - 14500.0000	H,V	800KG7D	T	49.70	26.70	1.8 PROD.	QPSK, DATA, INROUTE, 512 KSPS	
40) 14000.0000 - 14500.0000	H,V	1M60G7D	T	49.70	23.70	1.8 PROD.	QPSK, DATA INROUTE, 1024 KSPS	
41) 11700.0000 - 12200.0000	H,V	36M0F9F	R			1.8 PROD.	FM VIDEO WITH AUDIO SUB CRX	
42) 11700.0000 - 12200.0000	H,V	6M00G7D	R			1.8 PROD.	QPSK, DATA, INROUTE, 5 MSPS	
43) 11700.0000 - 12200.0000	H,V	12M0G7D	R			1.8 PROD.	QPSK, DATA, INROUTE, 10 MSPS	
44) 11700.0000 - 12200.0000	H,V	24M0G7D	R			1.8 PROD.	QPSK, DATA, INROUTE, 20 MSPS	
45) 11700.0000 - 12200.0000	H,V	36M0G7D	R			1.8 PROD.	QPSK, DATA, INROUTE, 30 MSPS	
46) 14000.0000 - 14500.0000	H,V	200KG7D	T	52.20	35.20	2.4 PROD.	QPSK, DATA, INROUTE, 128 KSPS	
47) 14000.0000 - 14500.0000	H,V	400KG7D	T	52.20	32.20	2.4 PROD.	QPSK, DATA INROUTE, 256 KSPS	
48) 14000.0000 - 14500.0000	H,V	800KG7D	T	52.20	29.20	2.4 PROD.	QPSK, DATA, INROUTE, 512 KSPS	
49) 14000.0000 - 14500.0000	H,V	1M60G7D	T	52.20	26.20	2.4 PROD.	QPSK, DATA INROUTE, 1024 KSPS	
50) 11700.0000 - 12200.0000	H,V	36M0F9F	R			2.4 PROD.	FM VIDEO WITH AUDIO SUB CRX	
51) 11700.0000 - 12200.0000	H,V	6M00G7D	R			2.4 PROD.	QPSK, DATA, INROUTE, 5 MSPS	
52) 11700.0000 - 12200.0000	H,V	36M0G7D	R			2.4 PROD.	QPSK, DATA, INROUTE, 30 MSPS	
53) 11700.0000 - 12200.0000	H,V	24M0G7D	R			2.4 PROD.	QPSK, DATA, INROUTE, 20 MSPS	
54) 11700.0000 - 12200.0000	H,V	12M0G7D	R			2.4 PROD.	QPSK, DATA, INROUTE, 10 MSPS	



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X 55) 14000.0000 - 14500.0000	H,V	1M23G7D	T	58.10	34.02	HUB (1)	
56) 14000.0000 - 14500.0000	H,V	36M0F9F	T	71.30	46.40	HUB (1)	FM VIDEO WITH AUDIO SUB CRX
57) 14000.0000 - 14500.0000	H,V	12M0G7D	T	78.30	46.40	HUB (1)	QPSK, DATA, INROUTE, 10 MSPS
58) 14000.0000 - 14500.0000	H,V	24M0G7D	T	78.30	46.40	HUB (1)	QPSK, DATA, INROUTE, 20 MSPS
59) 14000.0000 - 14500.0000	H,V	36M0G7D	T	78.30	46.40	HUB (1)	QPSK, DATA, INROUTE, 30 MSPS
60) 14000.0000 - 14500.0000	H,V	6M00G7D	T	78.20	46.40	HUB (1)	QPSK, DATA, INROUTE, 5 MSPS
X 61) 11700.0000 - 12200.0000	H,V	307KG7D	R			HUB (1)	
62) 11700.0000 - 12200.0000	H,V	200KG7D	R			HUB (1)	QPSK, DATA, INROUTE, 128 KSPS
63) 11700.0000 - 12200.0000	H,V	400KG7D	R			HUB (1)	QPSK, DATA, INROUTE, 256 KSPS
64) 11700.0000 - 12200.0000	H,V	800KG7D	R			HUB (1)	QPSK, DATA, INROUTE, 512 KSPS
65) 11700.0000 - 12200.0000	H,V	36M0F9F	R			HUB (1)	FM VIDEO WITH AUDIO SUB CRX
X 66) 14000.0000 - 14500.0000	H,V	1M23G7D	T	54.60	30.52	HUB (2)	
> 67) 14000.0000 - 14500.0000	H,V	36M0F9F	T	76.8	51.9	HUB (2)	1900 FM VIDEO WITH AUDIO SUB CRX
68) 14000.0000 - 14500.0000	H,V	12M0G7D	T	77.30	42.50	HUB (2)	1900 QPSK, DATA, INROUTE, 10 MSPS
> 69) 14000.0000 - 14500.0000	H,V	24M0G7D	T	80.3	42.50	HUB (2)	QPSK, DATA, INROUTE, 20 MSPS
> 70) 14000.0000 - 14500.0000	H,V	36M0G7D	T	82.1	42.50	HUB (2)	QPSK, DATA, INROUTE, 30 MSPS



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71)	14000.0000 - 14500.0000	H,V	6M00G7D	T	74.30	42.50	HUB (2)		QPSK, DATA, INROUTE, 5 MSPS
X 72)	11700.0000 - 12200.0000	H,V	307KG7D	R			HUB (2)		
73)	11700.0000 - 12200.0000	H,V	200KG7D	R			HUB (2)	1010	QPSK, DATA, INROUTE, 128 KSPS
74)	11700.0000 - 12200.0000	H,V	400KG7D	R			HUB (2)		QPSK, DATA INROUTE, 256 KSPS
75)	11700.0000 - 12200.0000	H,V	800KG7D	R			HUB (2)		QPSK, DATA, INROUTE, 512 KSPS
76)	11700.0000 - 12200.0000	H,V	1M60G7D	R			HUB (2)		QPSK, DATA INROUTE, 1024 KSPS

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		
X 1)	14000.0000 - 14500.0000	60.0W	132.0W	34.6	32.2	131.1	232.6	-13.6	HUB (2)
X 2)	11700.0000 - 12200.0000	60.0W	132.0W	34.6	32.2	131.1	232.6		HUB (2)
3)	14000.0000 - 14500.0000	60.0W	140.0W	34.5	26.3	131.1	239.9	-10.0	HUB (2)
4)	11700.0000 - 12200.0000	60.0W	140.0W	34.5	26.3	131.1	239.9		HUB (2)
X 5)	14000.0000 - 14500.0000	60.0W	132.0W	34.6	32.2	131.1	232.6	-13.6	HUB (1)
X 6)	11700.0000 - 12200.0000	60.0W	132.0W	34.6	32.2	131.1	232.6		HUB (1)
7)	14000.0000 - 14500.0000	60.0W	140.0W	34.6	26.4	131.1	240.0	-10.0	HUB (1)
8)	11700.0000 - 12200.0000	60.0W	140.0W	34.6	26.4	131.1	240.0		HUB (1)



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9) 14000.0000 - 14500.0000	60.0W - 140.0W	05.0 - 05.0	100.0 - 250.0	-10.0	.74	PROD
10) 11700.0000 - 12200.0000	60.0W - 140.0W	05.0 - 05.0	100.0 - 250.0		.74	PROD
11) 14000.0000 - 14500.0000	60.0W - 140.0W	05.0 - 05.0	100.0 - 250.0	-10.0	.74	RAVEN
12) 11700.0000 - 12200.0000	60.0W - 140.0W	05.0 - 05.0	100.0 - 250.0		.74	RAVEN
13) 14000.0000 - 14500.0000	60.0W - 140.0W	05.0 - 05.0	100.0 - 250.0	-10.0	.98	PROD.
14) 11700.0000 - 12200.0000	60.0W - 140.0W	05.0 - 05.0	100.0 - 250.0		.98	PROD.
15) 14000.0000 - 14500.0000	60.0W - 140.0W	05.0 - 05.0	100.0 - 250.0	-10.0	1.2	PROD.
16) 11700.0000 - 12200.0000	60.0W - 140.0W	05.0 - 05.0	100.0 - 250.0		1.2	PROD.
17) 14000.0000 - 14500.0000	60.0W - 140.0W	05.0 - 05.0	100.0 - 250.0	-10.0	1.8	PROD.
18) 11700.0000 - 12200.0000	60.0W - 140.0W	05.0 - 05.0	100.0 - 250.0		1.8	PROD.
19) 14000.0000 - 14500.0000	60.0W - 140.0W	05.0 - 05.0	100.0 - 250.0	-10.0	2.4	PROD.
20) 11700.0000 - 12200.0000	60.0W - 140.0W	05.0 - 05.0	100.0 - 250.0		2.4	PROD.

D) Point of Communications

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

- 1) HUB- (SECONDARY) to All authorized U.S. Domestic (ALSAT) Satellites.
- 2) HUB- (SECONDARY) to GALAXY 10R @ 123 W.L. (U.S.-licensed domestic satellite)
- 3) HUB- (PRIMARY) to All authorized U.S. Domestic (ALSAT) Satellites.
- 4) HUB- (PRIMARY) to GALAXY 10R @ 123 W.L. (U.S.-licensed domestic satellite)

page 85) VSAT 1 to GALAXY 10R @ 123 W.L. (U.S.-licensed domestic satellite)



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- 6) VSAT 2 to GALAXY 10R @ 123 W.L. (U.S.-licensed domestic satellite)
- 7) VSAT 3 to GALAXY 10R @ 123 W.L. (U.S.-licensed domestic satellite)
- 8) VSAT 4 to GALAXY 10R @ 123 W.L. (U.S.-licensed domestic satellite)
- 9) VSAT 5 to GALAXY 10R @ 123 W.L. (U.S.-licensed domestic satellite)
- 10) VSAT 5 to All authorized U.S. Domestic (ALSAT) Satellites.
- 11) VSAT 6 to All authorized U.S. Domestic (ALSAT) Satellites.
- 12) VSAT 6 to GALAXY 10R @ 123 W.L. (U.S.-licensed domestic satellite)

E) Antenna Facilities

Site/Elevation:

Site ID	Antenna ID	Units	Diameter (meters)	Manufacture	Model number	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
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VSAT 1	.74 PROD 5000		0.74	PRODELIN	HANT-91TR		
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Max Gains(s): 37.7 dBi @ 11.9500 GHz 39.0 dBi @ 14.2500 GHz
 Maximum total input power at antenna flange (Watts) = 2.00
 Maximum aggregate output EIRP for all carriers (dBW) 42.00

VSAT 2	.74	2000	0.74	RAVEN	HNS-1035610		
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Max Gains(s): 36.7 dBi @ 11.9500 GHz 38.7 dBi @ 14.2500 GHz
 Maximum total input power at antenna flange (Watts) = 2.00
 Maximum aggregate output EIRP for all carriers (dBW) 41.70

VSAT 3	.98 PROD.10000		0.98	PRODELIN	HNS-9008668		
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Max Gains(s): 39.9 dBi @ 11.9500 GHz 41.3 dBi @ 14.2500 GHz
 Maximum total input power at antenna flange (Watts) = 2.00
 Maximum aggregate output EIRP for all carriers (dBW) 44.30

VSAT 4	1.2 PROD.10000		1.2	PRODELIN	1134		
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Max Gains(s): 41.5 dBi @ 11.9500 GHz 43.1 dBi @ 14.2500 GHz
 Maximum total input power at antenna flange (Watts) = 2.00
 Maximum aggregate output EIRP for all carriers (dBW) 46.10



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VSAT 5 1.8 PROD.1000 1.8 PRODELIN 1184

Max Gains(s): 45.0 dBi @ 11.9500 GHz 46.7 dBi @ 14.2500 GHz
 Maximum total input power at antenna flange (Watts) = 2.00
 Maximum aggregate output EIRP for all carriers (dBW) 49.70

VSAT 6 2.4 PROD.1000 2.4 PRODELIN 1244

Max Gains(s): 47.7 dBi @ 11.9500 GHz 49.2 dBi @ 14.2500 GHz
 Maximum total input power at antenna flange (Watts) = 2.00
 Maximum aggregate output EIRP for all carriers (dBW) 52.20

HUB- (PRI HUB (1) 1 9 VERTEX 5351 10.1 AGL/ 402.7 AMSL
 MARY)

Max Gains(s): 59.2 dBi @ 11.9500 GHz 60.4 dBi @ 14.2500 GHz
 Maximum total input power at antenna flange (Watts) = 500.00
 Maximum aggregate output EIRP for all carriers (dBW) 87.40

HUB- (SEC HUB (2) 1 6.1 HARRIS 5346 7.4 AGL/ 404.7 AMSL
 ONDARY)

Max Gains(s): 55.4 dBi @ 11.9500 GHz 56.5 dBi @ 14.2500 GHz
 Maximum total input power at antenna flange (Watts) = 500.00
 Maximum aggregate output EIRP for all carriers (dBW) 83.50

F) Remote Control

HUB- (P 702 SW 8TH STREET, (9.0M. **Callsign:** E94045
 RIMAR BENTONVILLE, BENTON, AR,
 479-277-2674

VSAT 1 702 SW 8TH STREET, (PROD. VSAT **Callsign:** E94045
 BENTONVILLE, BENTON, AR,
 479-277-2674

VSAT 2 702 SW 8TH STREET, (RAVEN VSAT **Callsign:** E94045
 BENTONVILLE, BENTON, AR,
 479-277-2674

VSAT 3 702 SW 8TH STREET, (PROD. VSAT **Callsign:** E94045
 BENTONVILLE, BENTON, AR,
 479-277-2674

VSAT 4 702 SW 8TH STREET, (PROD. VSAT **Callsign:** E94045
 BENTONVILLE, BENTON, AR,



UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
RADIO STATION AUTHORIZATION

Unofficial Copy

Notice: The availability of this draft for public viewing in no way predetermines the outcome of this application's review.

Name WAL-MART STORES, INC., A DELAWARE CORPORATION

Callsign: E940457

File Number: SES-MOD-20060407-00593

Authorization Modification of License

Non Common Carrier Grant Date: Expiration Date: 12/23/2019

VSAT 5 702 SW 8TH STREET, (PROD. VSAT
BENTONVILLE, BENTON, AR,
479-277-2674

Callsign: E94045

H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special

- 152 This is granted without prejudice to any future FCC enforcement action against Wal-Mart Stores, Inc. in connection with any unauthorized operation of radio facilities.
- 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.
- 2300 Authority is granted to operate this station by remote control provided that: (1) The parameters of the transmissions of this station monitored at the remote control point, and the operational functions sufficient to insure that the operations of this station are in full compliance with the station authorization at all times; (2) upon detection by the grantee, or upon notification from the Commission, of a deviation of the operation of this station shall be immediately suspended until the deviation is corrected, except the transmissions concerning the immediate safety of life or property may be conducted for the duration of such emergency; and (3) the grantee shall have available, at all times, the technical personnel necessary to perform the technical servicing and maintenance of this station expeditiously. See also Public Notice "The International Bureau Provides Guidance Concerning the Relocation of Earth Station Remote Control Points", DA 06-978 (rel. May 4, 2006).
- 2454 All satellite uplink transmissions carrying broadband video information shall comply with the Automatic Transmitter Identification System (ATIS) requirements of Section 25.281 of the Rules, as modified by FCC Report No. DS-1066, released on April 3, 1991.
- 2810 The grantee shall maintain on file with the Commission's current list or plan of the precise frequencies in actual use at this station, specifying for each such frequency: the r.f. center frequency, polarization, emission designator, EIRP (dBW), EIRP density (dBW/4kHz), and receiving earth station(s). This list or plan may be submitted either on a station-by-station basis or on a system-wide basis, and shall be updated within seven days of any changes in frequency usage at this station. Temporary usage of frequencies for periods of less than seven days need not be notified to the Commission if accurate station records are maintained of the times and particulars of such temporary frequency usage.



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Authorization Modification of License

Non Common Carrier Grant Date: 12/31/999 Expiration Date: 12/23/2019

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.
- 2939 Upon completion of construction each licensee must file with the Commission a certification including the following information: name of the licensee, file number of the application, call sign of the antenna, date of the license and certification that the facility as authorized has been completed, that each antenna facility has been tested and is within 2 dB of the pattern specified in Section 25.209, and 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. In addition, each licensee must file a certification once the network is put into operation.
- 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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RADIO STATION AUTHORIZATION

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Call sign: E940457

File Number: SES-MOD-20060407-00593

Authorization Modification of License

Non Common Carrier

Grant Date: 12/31/999

Expiration Date: 12/23/2019

H) Special and General Provisions

B) This RADIO STATION AUTHORIZATION is granted subject to the

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.