



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

Name: VIASAT, INC.

Call Sign: E120071  
File Number: SES-MOD-20140128-00058

Authorization Type:	Modification of License						
Non Common Carrier	Grant Date:	04/23/2014	Expiration Date:	06/04/2027			
29) 18300.0000 - 19300.0000	L,R	52M1G7D	R		2	52 MBD PSK, DIGITAL CARRIER	
30) 18300.0000 - 19300.0000	L,R	416MG7D	R		2	416 MBD PSK, DIGITAL CARRIER	
31) 29500.0000 - 30000.0000	L,R	5M00G7D	T	54.10	23.10	3	5 MBD PSK, DIGITAL CARRIER
32) 29500.0000 - 30000.0000	L,R	10M0G7D	T	54.10	20.10	3	10 MBD PSK, DIGITAL CARRIER
33) 29500.0000 - 30000.0000	L,R	2M50G7D	T	54.10	26.10	3	2.5 MBD PSK, DIGITAL CARRIER
34) 29500.0000 - 30000.0000	L,R	625KG7D	T	54.10	29.10	3	625 KBD PSK, DIGITAL CARRIER
35) 29500.0000 - 30000.0000	L,R	1M25G7D	T	54.10	29.10	3	1.25 MBD PSK, DIGITAL CARRIER
36) 28350.0000 - 29100.0000	L,R	5M00G7D	T	54.10	23.10	3	5 MBD PSK, DIGITAL CARRIER
37) 28350.0000 - 29100.0000	L,R	10M0G7D	T	54.10	20.10	3	10 MBD PSK, DIGITAL CARRIER
38) 28350.0000 - 29100.0000	L,R	2M50G7D	T	54.10	26.10	3	2.5 MBD PSK, DIGITAL CARRIER
39) 28350.0000 - 29100.0000	L,R	625KG7D	T	54.10	29.10	3	625 KBD PSK, DIGITAL CARRIER
40) 28350.0000 - 29100.0000	L,R	1M25G7D	T	54.10	29.10	3	1.25 MBD PSK, DIGITAL CARRIER
41) 19700.0000 - 20200.0000	L,R	416MG7D	R			3	416 MBD PSK, DIGITAL CARRIER
42) 19700.0000 - 20200.0000	L,R	52M1G7D	R			3	52 MBD PSK, DIGITAL CARRIER
43) 19700.0000 - 20200.0000	L,R	52M1G7D	R			3	52 MBD PSK, DIGITAL CARRIER
44) 18300.0000 - 19300.0000	L,R	416MG7D	R			3	416 MBD PSK, DIGITAL CARRIER
45) 29500.0000 - 30000.0000	L,R	5M00G7D	T	51.30	20.30	4	5 MBD PSK, DIGITAL CARRIER
46) 29500.0000 - 30000.0000	L,R	10M0G7D	T	51.30	17.30	4	10 MBD PSK, DIGITAL CARRIER
47) 29500.0000 - 30000.0000	L,R	2M50G7D	T	51.30	23.30	4	2.5 MBD PSK, DIGITAL CARRIER
48) 29500.0000 - 30000.0000	L,R	625KG7D	T	51.30	26.30	4	625 KBD PSK, DIGITAL CARRIER
49) 29500.0000 - 30000.0000	L,R	1M25G7D	T	51.30	26.30	4	1.25 MBD PSK, DIGITAL CARRIER
50) 28350.0000 - 30000.0000	L,R	625KG7D	T	51.30	26.30	4	625 KBD PSK, DIGITAL CARRIER
51) 28350.0000 - 29100.0000	L,R	5M00G7D	T	51.30	20.30	4	5 MBD PSK, DIGITAL CARRIER



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75) 29500.0000 - 30000.0000	L,R	2M50G7D	T	48.80	20.90	6	2.5 MBD PSK, DIGITAL CARRIER	
76) 29500.0000 - 30000.0000	L,R	625KG7D	T	45.80	23.90	6	625 KBD PSK, DIGITAL CARRIER	
77) 29500.0000 - 30000.0000	L,R	1M25G7D	T	48.80	23.90	6	1.25 MBD PSK, DIGITAL CARRIER	
78) 28350.0000 - 30000.0000	L,R	5M00G7D	T	48.80	17.90	6	5 MBD PSK, DIGITAL CARRIER	
79) 28350.0000 - 29100.0000	L,R	10M0G7D	T	48.80	14.90	6	10 MBD PSK, DIGITAL CARRIER	
80) 28350.0000 - 29100.0000	L,R	2M50G7D	T	48.80	20.90	6	2.5 MBD PSK, DIGITAL CARRIER	
81) 28350.0000 - 29100.0000	L,R	625KG7D	T	44.80	23.90	6	625 KBD PSK, DIGITAL CARRIER	
82) 28350.0000 - 29100.0000	L,R	1M25G7D	T	48.80	23.90	6	1.25 MBD PSK, DIGITAL CARRIER	
83) 19700.0000 - 20200.0000	L,R	52M1G7D	R			6	52 MBD PSK, DIGITAL CARRIER	
84) 19700.0000 - 20200.0000	L,R	416MG7D	R			6	416 MBD PSK, DIGITAL CARRIER	
85) 18300.0000 - 19300.0000	L,R	52M1G7D	R			6	52 MBD PSK, DIGITAL CARRIER	
86) 18300.0000 - 19300.0000	L,R	416MG7D	R			6	416 MBD PSK, DIGITAL 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)	29500.0000 - 30000.0000	111.1W	-115.1W	30.5	-19.5	108.0	-235.5	-25.1	1
2)	28350.0000 - 29100.0000	111.1W	-115.1W	30.5	-19.5	108.0	-235.5	-25.1	1
3)	18300.0000 - 19300.0000	111.1W	-115.1W	30.5	-19.5	108.0	-235.5		1
4)	19700.0000 - 20200.0000	111.1W	-115.1W	30.5	-19.5	108.0	-235.5		1
5)	29500.0000 - 30000.0000	111.1W	-115.1W	30.5	-19.5	108.0	-235.5	-25.1	2
6)	28350.0000 - 29100.0000	111.1W	-115.1W	30.5	-19.5	108.0	-235.5	-25.1	2
7)	18300.0000 - 19300.0000	111.1W	-115.1W	30.5	-19.5	108.0	-235.5		2
8)	19700.0000 - 20200.0000	111.1W	-115.1W	30.5	-19.5	108.0	-235.5		2
9)	29500.0000 - 30000.0000	111.1W	-115.1W	30.5	-19.5	108.0	-235.5	-20.4	3
10)	28350.0000 - 29100.0000	111.1W	-115.1W	30.5	-19.5	108.0	-235.5	-20.4	3
11)	18300.0000 - 19300.0000	111.1W	-115.1W	30.5	-19.5	108.0	-235.5		3
12)	19700.0000 - 20200.0000	111.1W	-115.1W	30.5	-19.5	108.0	-235.5		3