#### ATHEROS COMMUNICATIONS INC

Form 4

February 02, 2007

## FORM 4

### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

3235-0287

Expires:

January 31, 2005

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**OMB APPROVAL** 

response...

if no longer subject to Section 16. Form 4 or Form 5

Check this box

obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)				
1. Name and Address of Reporting Person * TACHNER ADAM H	2. Issuer Name <b>and</b> Ticker or Trading Symbol ATHEROS COMMUNICATIONS INC [ATHR]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)		
(Last) (First) (Middle)  C/O ATHEROS COMMUNICATIONS, INC., 5480 GREAT AMERICA PARKWAY	3. Date of Earliest Transaction (Month/Day/Year) 02/01/2007	Director 10% Owner Officer (give title Other (specify below) VP & General Counsel		
(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person		
SANTA CLARA,, CA 95054		Form filed by More than One Reporting Person		

(City)	(State)	<sup>(Zip)</sup> Tabl	e I - Non-I	Derivative	Secur	ities Acqu	ired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securit or(A) or Di (Instr. 3,	sposed	of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	02/01/2007		M	12,000	A	\$ 1.72	12,000	D	
Common Stock	02/01/2007		S <u>(1)</u>	700	D	\$ 24.05	11,300	D	
Common Stock	02/01/2007		S(1)	200	D	\$ 24.01	11,100	D	
Common Stock	02/01/2007		S(1)	2,150	D	\$ 24	8,950	D	
	02/01/2007		S(1)	6,301	D		2,649	D	

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Common Stock					\$ 23.99		
Common Stock	02/01/2007	S(1)	100	D	\$ 23.97	2,549	D
Common Stock	02/01/2007	S <u>(1)</u>	100	D	\$ 23.96	2,449	D
Common Stock	02/01/2007	S(1)	1,500	D	\$ 23.95	949	D
Common Stock	02/01/2007	S(1)	949	D	\$ 23.94	0	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474

(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of onDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount Underlying Securitie (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Employee Stock Options (right to buy)	\$ 1.72	02/01/2007		M	1,750	01/09/2002(2)	01/08/2012	Common Stock	1,75
Employee Stock Options (right to buy)	\$ 1.72	02/01/2007		M	10,250	03/13/2002(3)	03/13/2012	Common Stock	10,2

# **Reporting Owners**

Reporting Owner Name / Address		Relationships				
	Director	10% Owner	Officer	Other		

Reporting Owners 2

TACHNER ADAM H C/O ATHEROS COMMUNICATIONS, INC. 5480 GREAT AMERICA PARKWAY SANTA CLARA,, CA 95054

VP & General Counsel

## **Signatures**

Bruce P. Johnson, Attorney-in-fact

02/02/2007

\*\*Signature of Reporting Person

Date

## **Explanation of Responses:**

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.
- All of the options became exercisable on 1/09/2002. The shares underlying the options are subject to the issuer's right of repurchase that lapsed as to 25% of the shares on 10/17/2002, and lapsed as to the remaining shares in 36 monthly installments beginning 11/17/2002.
- (3) All of the options became exercisable on 3/13/02. The shares underlying the options are subject to the issuer's right of repurchase that lapsed as to 25% of the shares on 4/1/2003 and lapses as to the remaining shares in 36 equal monthly installments beginning on 5/1/2003.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

Signatures 3