

ATHEROS COMMUNICATIONS INC
 Form 4
 April 25, 2007

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
 TACHNER ADAM H

(Last) (First) (Middle)

C/O ATHEROS COMMUNICATIONS, INC., 5480 GREAT AMERICA PARKWAY

(Street)

SANTA CLARA,, CA 95054

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 ATHEROS COMMUNICATIONS INC [ATHR]

3. Date of Earliest Transaction (Month/Day/Year)
 04/25/2007

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)
 VP & General Counsel

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	04/25/2007		M	17,000	A \$ 1.72	20,334	D
Common Stock	04/25/2007		S ⁽¹⁾	1,230	D \$ 28.01	19,104	D
Common Stock	04/25/2007		S ⁽¹⁾	15,770	D \$ 28	3,334	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)

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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 Derivative 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 of Underlying Securities (Instr. 3 and 4)
Employee Stock Options (right to buy)	\$ 1.72	04/25/2007		M	8,500	03/13/2002 ⁽²⁾ 03/13/2012	Common Stock 8,500
Employee Stock Options (right to buy)	\$ 1.72	04/25/2007		M	8,500	03/12/2003 ⁽³⁾ 03/12/2013	Common Stock 8,500

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

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

VP & General Counsel

Signatures

Bruce P. Johnson, 04/25/2007
Attorney-in-fact

__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.

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- (2) 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.
- (3) All of the options became exercisable on 3/12/03. The shares underlying the options are subject to the issuer's right of repurchase that lapses in 48 equal monthly installments beginning on 11/17/2003.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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