

McMullen Michael R.  
Form 4  
November 18, 2011

**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 \*  
McMullen Michael R.

2. Issuer Name and Ticker or Trading Symbol  
AGILENT TECHNOLOGIES INC  
[A]

5. Relationship of Reporting Person(s) to Issuer  
  
(Check all applicable)

(Last) (First) (Middle)  
5301 STEVENS CREEK BLVD.  
  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
11/16/2011

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
Senior Vice President

SANTA CLARA, CA 95051

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

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

(City) (State) (Zip)

**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 Beneficial Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	10/31/2011		J <sup>(1)</sup>	V 416.542 A \$ 31.51	64,247.1099	D	
Common Stock	11/16/2011		A <sup>(2)</sup>	19,749 A \$ 38.58	83,996.1099	D	
Common Stock	11/16/2011		F	9,153 D \$ 38.58	74,843.1099	D	
Common Stock	11/17/2011		F	2,318 D \$ 37.21	72,525.1099	D	
Common Stock	11/17/2011		A <sup>(3)</sup>	25,000 A \$ 0	97,525.1099	D	

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

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

Table with 7 main columns: 1. Title of Derivative Security, 2. Conversion or Exercise Price of Derivative Security, 3. Transaction Date, 3A. Deemed Execution Date, 4. Transaction Code, 5. Number of Derivative Securities, 6. Date Exercisable and Expiration Date, 7. Title and Amount of Underlying Securities. Includes one entry for Employee Stock Option.

Reporting Owners

Table with 2 columns: Reporting Owner Name / Address, Relationships. Entry for McMullen Michael R. with relationship Senior Vice President.

Signatures

/s/ Stephen D. Williams, attorney-in-fact for Mr. McMullen 11/18/2011

\*\*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) Shares acquired in an Employee Stock Purchase Plan...
(2) On November 16, 2011, 19,749 shares of common stock of Agilent Technologies, Inc. were awarded...
(3) Restricted Stock Units granted under the Agilent Technologies, Inc. 2009 Stock Plan...

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- (4) Right to buy Agilent Technologies, Inc. common stock granted under the Agilent Technologies, Inc. 2009 Stock Plan, in compliance with Rule 16b-3.
- (5) The option is exercisable in four equal annual installments beginning on the first anniversary of the date of the grant. The first vesting date is stated.

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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