

Test Conditions: _____

HP 8564E OPERATION VERIFICATION TEST RECORD
Rev D.02.00

HEWLETT-PACKARD COMPANY

Model HP8564E

Tested By: _____

Options 001,007

Serial No. 3946A00243

Date: 30 Nov 1999

Firmware Revision 990108

Time: 00:02:18

Test Conditions: _____

User's Comments: _____

***** FREQUENCY RESPONSE *****

Specification:

Band Switching Uncertainty: < 1 dB

(included in Band-to-Band Frequency Response)

Specifications listed below apply only
over 20degC to 30degC temperature range

Absolute Frequency Response:

(Referenced to 300 MHz CAL OUTPUT)

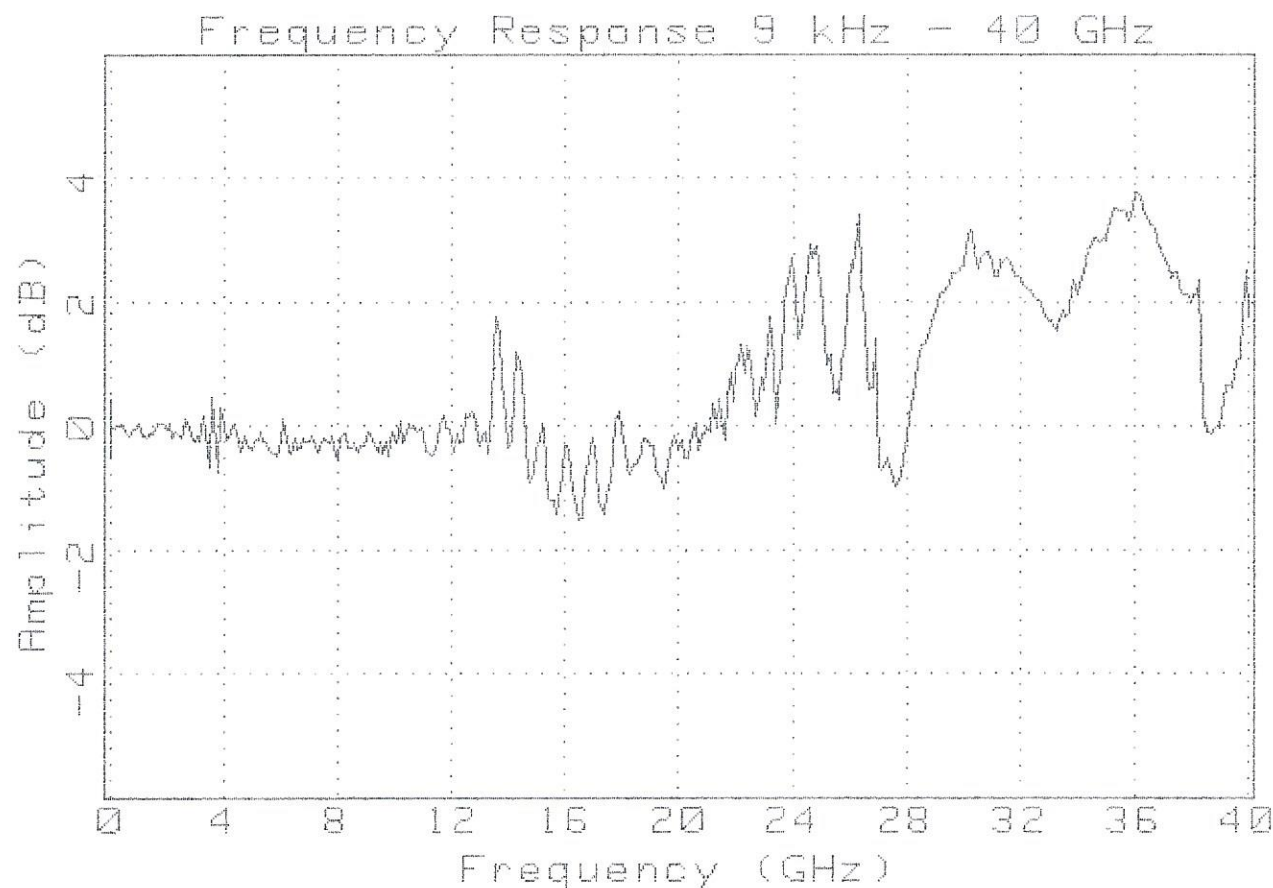
BAND	FREQUENCY RANGE	MIN/MAX FREQUENCY RESPONSE (dB)	SPECIFICATION (dB)
0	9 kHz to 2.9 GHz	-.47/ .43	1.00
1	2.9 to 6.46 GHz	-.74/ .45	1.80
2	6.46 to 13.2 GHz	-.55/ .23	2.80
3A	13.2 to 22 GHz	-1.52/ 1.78	3.50
3B	22 to 26.8 GHz	.06/ 3.43	4.00
4	26.8 to 31.15GHz	-.96/ 3.18	3.00<<<<
5	31.15 to 40 GHz	-.13/ 3.77	3.20<<<<

Relative Frequency Response:

BAND	FREQUENCY RANGE	FREQUENCY RESPONSE (dB, p-p)	SPECIFICATION (dB, p-p)
0	9 kHz to 2.9 GHz	.90	1.60
1	2.9 to 6.46 GHz	1.19	2.80
2	6.46 to 13.2 GHz	.78	4.40
3A	13.2 to 22 GHz	3.30	5.00
3B	22 to 26.8 GHz	3.38	4.40
4	26.8 to 31.15GHz	4.15	5.80
5	31.15 to 40 GHz	3.90	4.80

Band-to-Band Frequency Response:
(Specification is in parenthesis)

Band	0	1	2	3A	3B	4	5
0	***** *****	1.17 (3.20)	.98 (4.00)	2.25 (4.30)	3.90 (4.00)	3.65 (4.70)	4.24<<<< (4.20)
1	1.17 (3.20)	***** *****	1.00 (4.60)	2.52 (4.90)	4.17 (4.60)	3.92 (5.30)	4.51 (4.80)
2	.98 (4.00)	1.00 (4.60)	***** *****	2.33 (5.70)	3.98 (5.40)	3.73 (6.10)	4.32 (5.60)
3A	2.25 (4.30)	2.52 (4.90)	2.33 (5.70)	***** *****	4.95 (5.70)	4.70 (6.40)	5.29 (5.90)
3B	3.90 (4.00)	4.17 (4.60)	3.98 (5.40)	4.95 (5.70)	***** *****	4.39 (6.10)	3.71 (5.60)
4	3.65 (4.70)	3.92 (5.30)	3.73 (6.10)	4.70 (6.40)	4.39 (6.10)	***** *****	4.73 (6.30)
5	4.24 (4.20)	4.51 (4.80)	4.32 (5.60)	5.29 (5.90)	3.71 (5.60)	4.73 (6.30)	*****<<<< *****



** MEASUREMENT IS OUT OF TOLERANCE **
REFER TO ASSOCIATED MANUAL PERFORMANCE TEST

***** RELATIVE FREQUENCY RESPONSE, BAND 0 *****