

DATE :Mar.06.2003

SPEC. No. DO-001DK

CUSTOMER: Digi-Key

SAMPLE DATA

Part Name: Antenna for Bluetooth

Part Number: EBMGHAG245FB

Part No. : TECHNICAL SAMPLE

MIYAZAKI MATSUSHITA ELECTRIC Co.,Ltd

7826-28, SHIMOTAJIMA, SADOWARA, MIYAZAKI, 880-0298, JAPAN

Tel.+81 985 73 1311 Fax.+81 985 73 6526

Approved	Issued

This is a sample for engineering evaluation only.

We shall not be liable for any claims on the sample after
you assembled in your product and shipped out in the market

Antenna Characteristics

Panasonic

- 1) **PART NUMBER** EBMGHAG245FB
2) **DATA No.** :
3) **APPLICATION** : for IEEE802.11b or Bluetooth

DATE : Mar 06, 2003

4) VSWR CHARACTERISTICS

Measurement data		
DATA No.	Data No. : DO-001DK	
	VSWR	
Part number EBMGHAG245FB		
frequency (MHz)	2400	2500
1	1.43	1.20
2	1.54	1.09
3	1.59	1.09
4	1.45	1.27
5	1.45	1.31
6	1.53	1.10
7	1.52	1.12
8	1.44	1.35
9	1.47	1.32
10	1.56	1.09
Average	1.50	1.19
Standard Deviation	0.06	0.11
Max.	1.59	1.35
Min.	1.43	1.09

Calibration :Full 1 Port Cal.

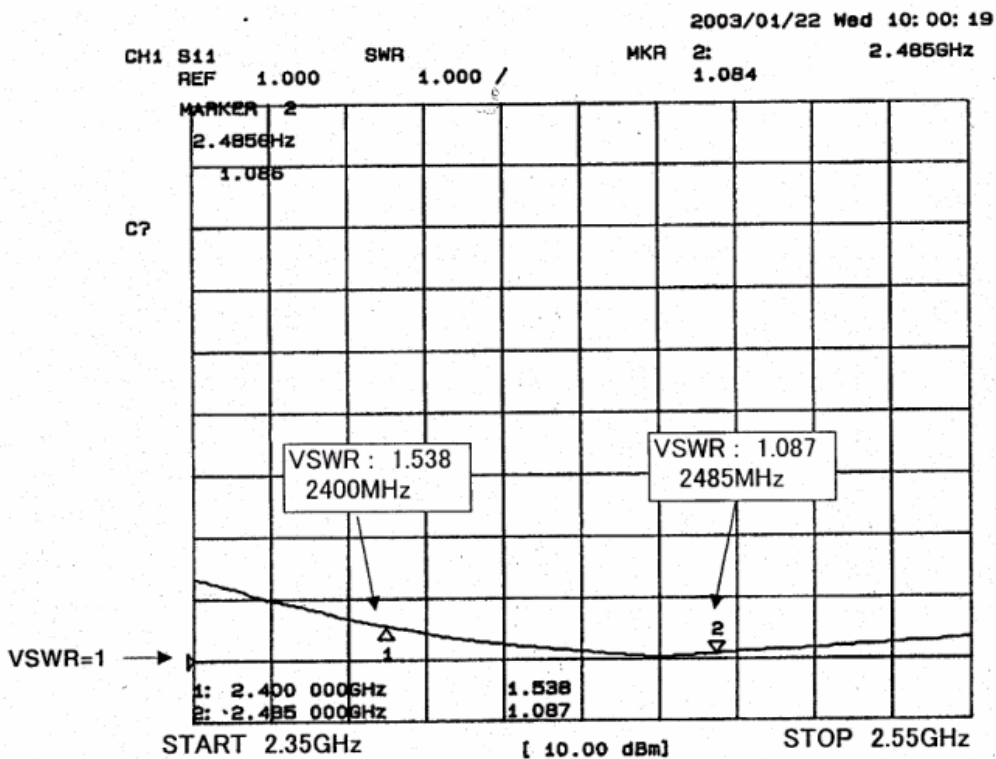
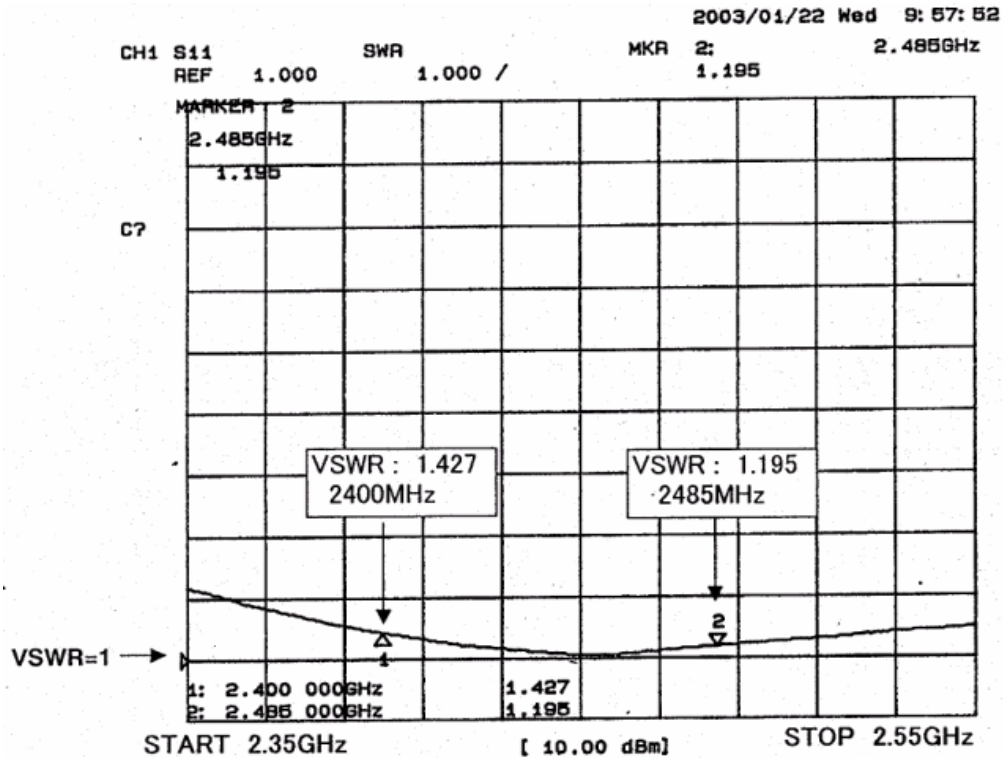
Miyazaki Matsushita Electric Co., Ltd.

Antenna Characteristics

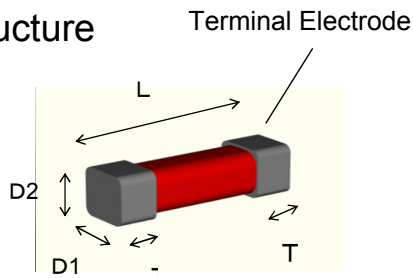
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4) VSWR CHARACTERISTICS

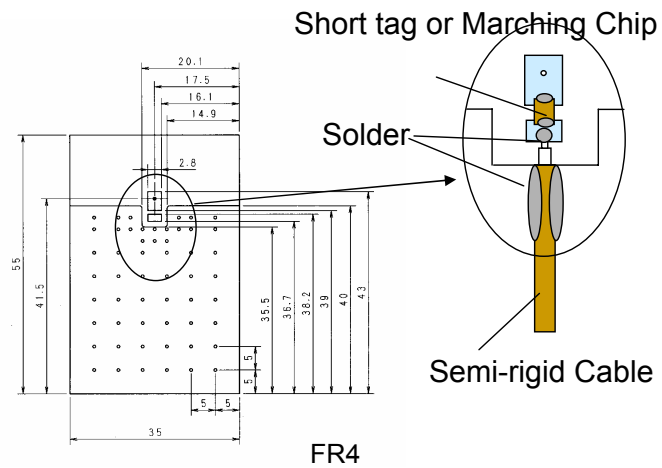
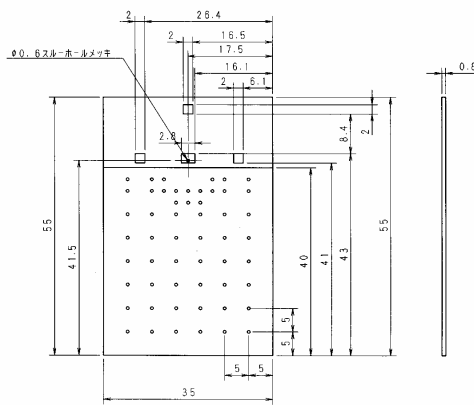


■ Structure



	(mm)
L	10
D1	2.2
D2	2.2
T	2

■ Jigu



Helical Chip Antenna Top Side

