

Customer Name	Standard	FUJITSU MEDIA DEVICES LIMITED	
System	Cell Band-Tx	DATE	Jun 9, 2003
FMD Part Number	FAR-F5EA-836M50-D27A	Version 3.0 b	

Table 1. Electrical specifications

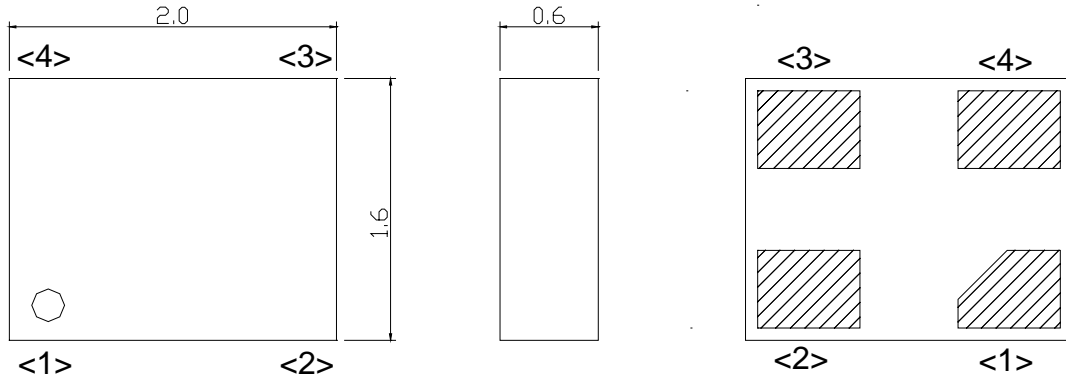
Passband: 824 ~ 849 MHz						
Item	Condition	Specification				Remark
		Min.	Typ.	Max.	Unit	
Insertion Loss	824 - 849 MHz	-	2.1	2.5	dB	
Ripple	824 - 849 MHz	-	0.7	1.5	dB	
Absolute Attenuation	DC - 800 MHz	32	47	-	dB	
	869 - 894 MHz	40	46	-	dB	
	894 - 1050 MHz	35	51	-	dB	
	1050 - 1210 MHz	32	48	-	dB	
	1210 - 1580 MHz	30	45	-	dB	
	1580 - 2000 MHz	27	42	-	dB	
	2000 - 3000 MHz	20	41	-	dB	
VSWR	824 - 849 MHz	-	1.6	2.1		
Input/Output Impedance	Unbalance	50/50			Ohm	
Input Power	824 - 849 MHz	-	-	+12	dBm	
PKG	-	2.0typ.x1.6typ.x0.6max			mm	
Operating temp.	-	-30 ~ +85			°C	
Storage temp.	-	-40~ +100			°C	

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● **Dimensions**

Device size: 2.0typ. x 1.6typ. x 0.6max

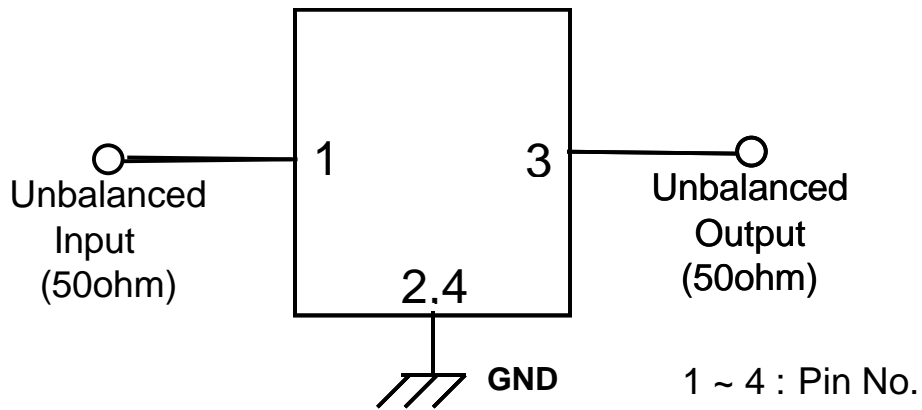
Unit : mm



● **Pin Configuration**

Pin No.	Symbol	Function
1	IN	Input
2	GND	Ground
3	OUT	Output
4	GND	Ground

● **Evaluation Circuit**



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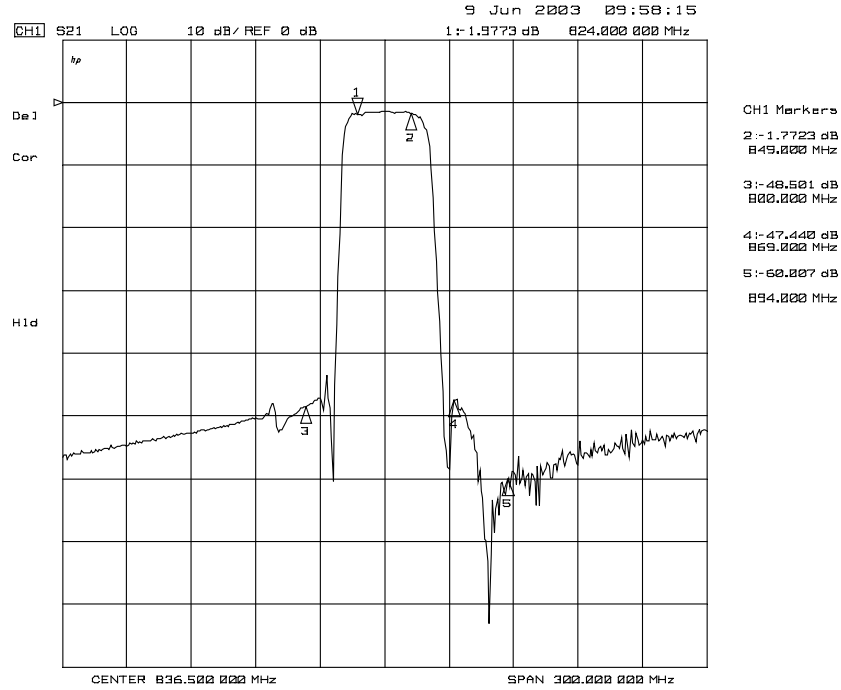


Fig.1 Pass-band Characteristics

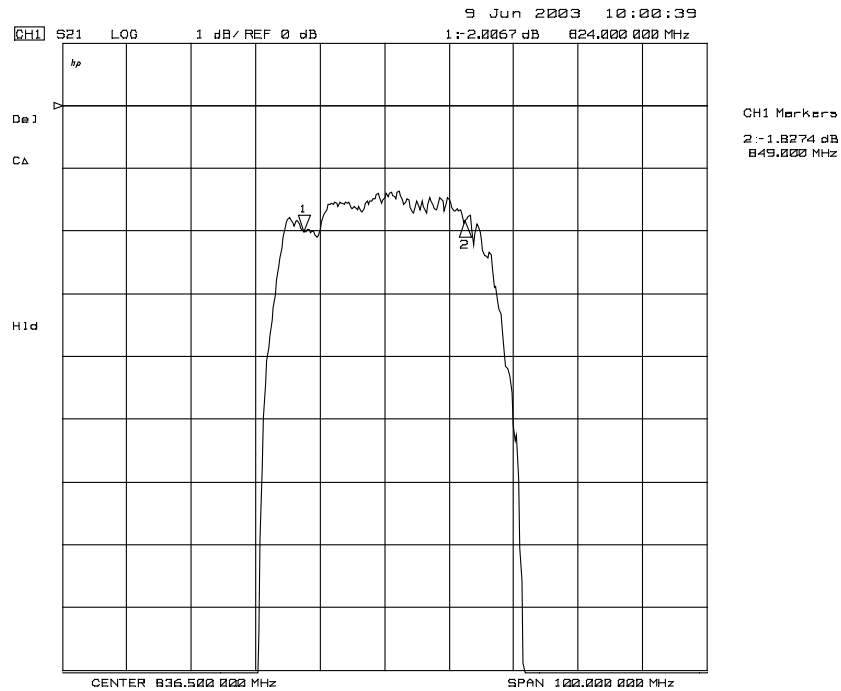


Fig.2 In-band Characteristics

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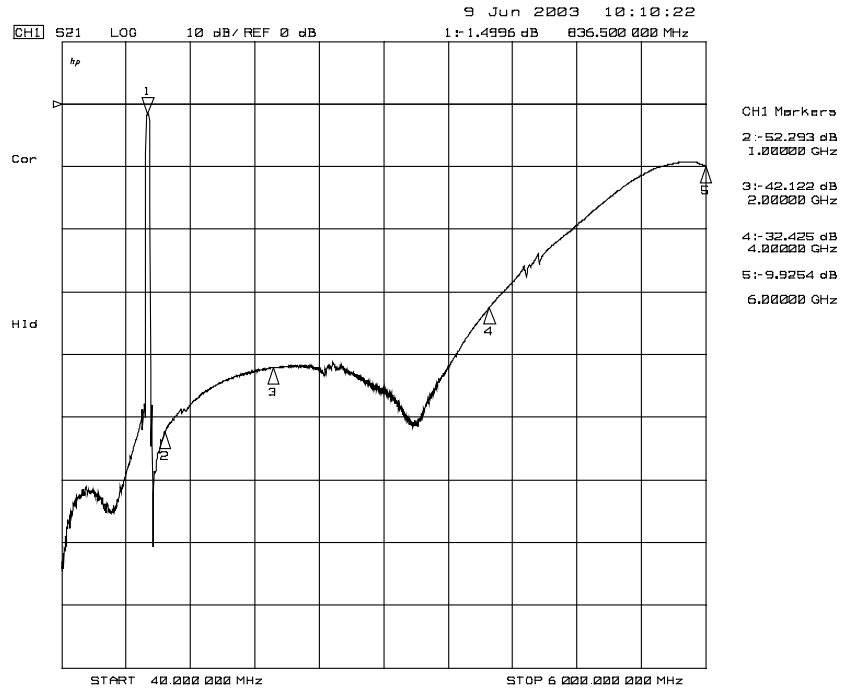


Fig.3 Wide-band Characteristics

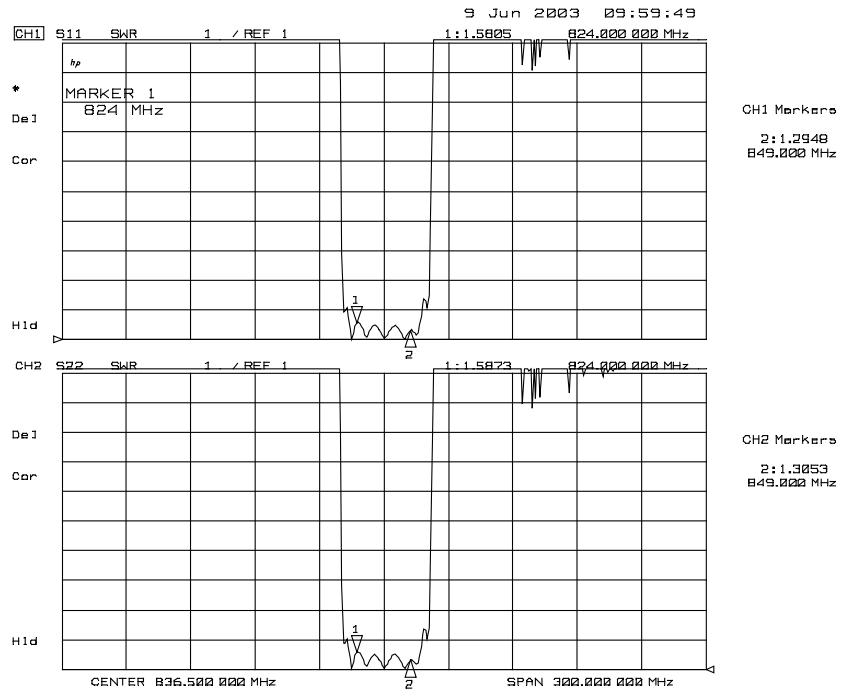


Fig.4 VSWR (S11,S22)

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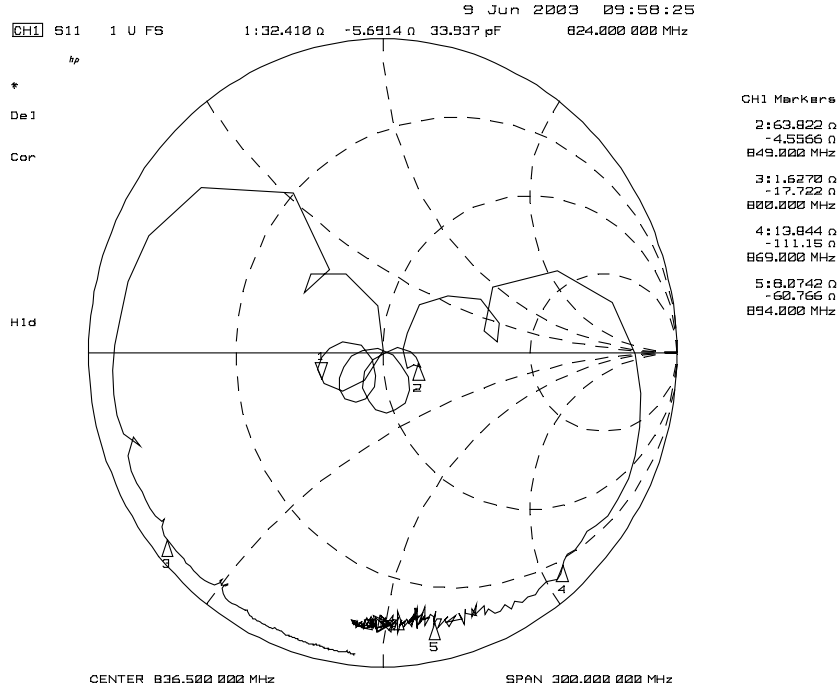


Fig.5 Impedance (S11)

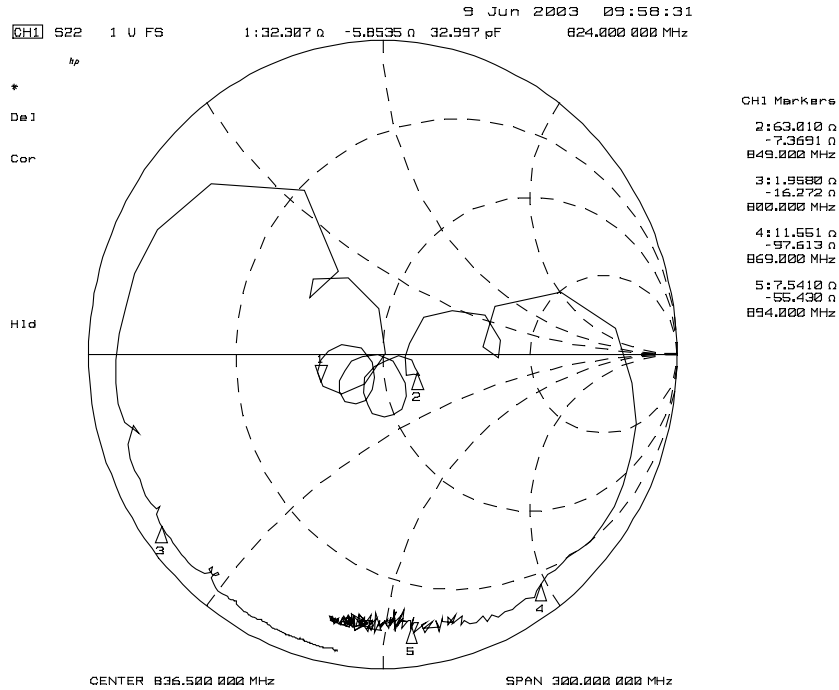


Fig.4 Impedance (S22)