

Customer Name	Standard	FUJITSU MEDIA DEVICES LIMITED	
System	J CDMA-Tx	DATE	Jan. 20,2004
FMD Part Number	FAR-F5EA-906M00-D27E	Version 2.1 b	
Customer No.		Reference No.	

Table 1. Electrical specifications**Passband: 887~ 925 MHz**

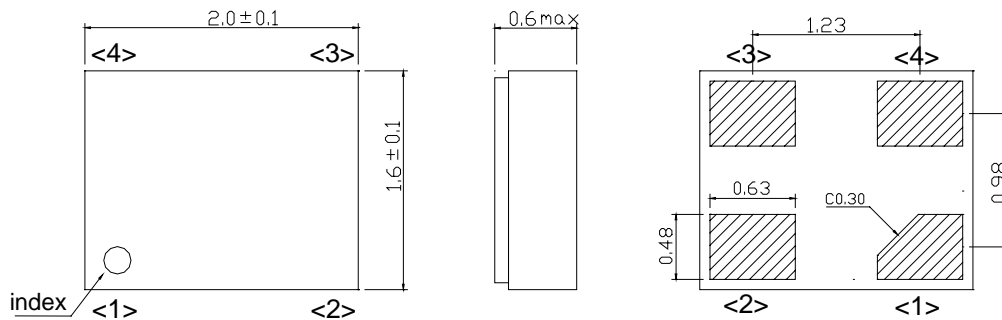
Item	Condition	Specification				Remark
		Min.	Typ.	Max.	Unit	
Insertion Loss	887 - 925 MHz	-	2.5	3.3	dB	
Ripple	887 - 925 MHz	-	0.9	1.8	dB	
Absolute Attenuation	720 - 800 MHz	40	52	-	dB	
	832 - 870 MHz	41	46	-	dB	
	940 - 2000 MHz	20	33	-	dB	
	2000 - 3000 MHz	20	42	-	dB	
VSWR	887 - 925 MHz	-	2.1	2.5		
Input/Output Impedance	Unbalance	50/50			Ohm	
Input Power	887 - 925 MHz	-	-	+13	dBm	
Device Size	-	2.0 _{typ.} x1.6 _{typ.} x0.6 _{max}			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

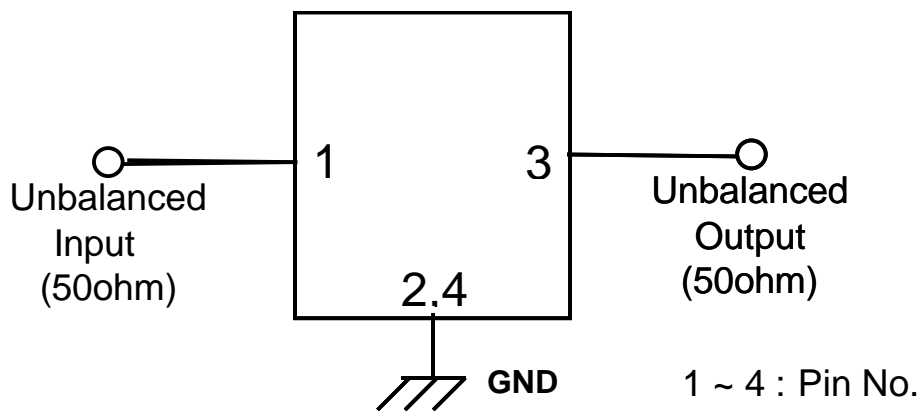
Unit : mm



● **Pin Configuration**

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

● **Evaluation Circuit**



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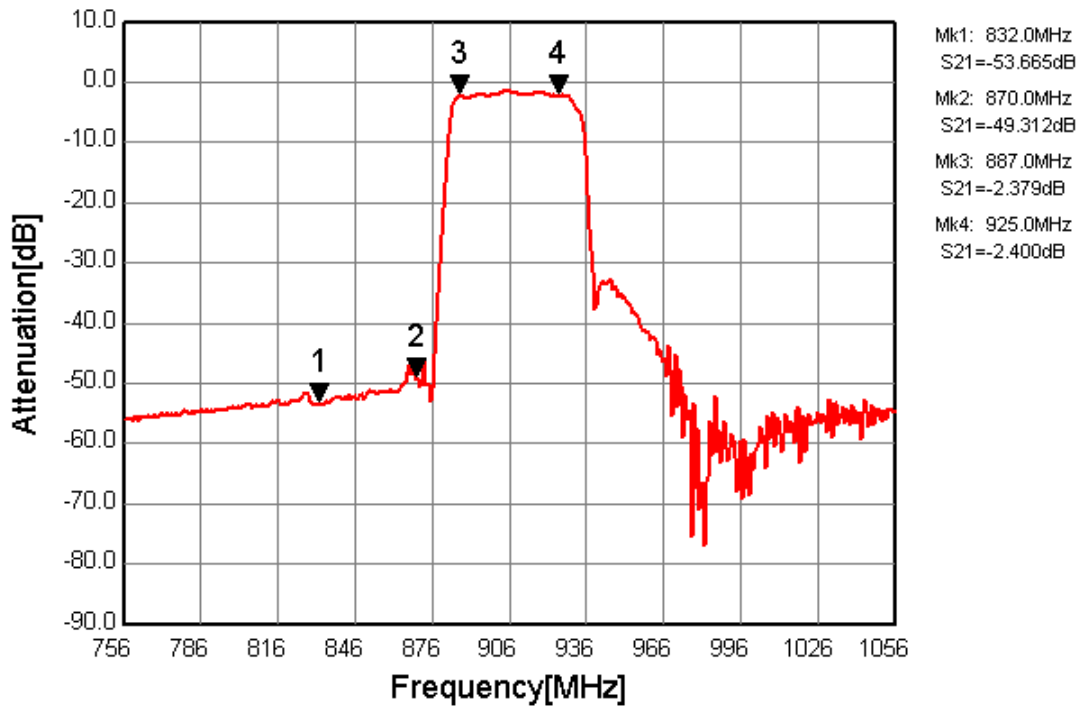


Fig.1 Pass-band Characteristics

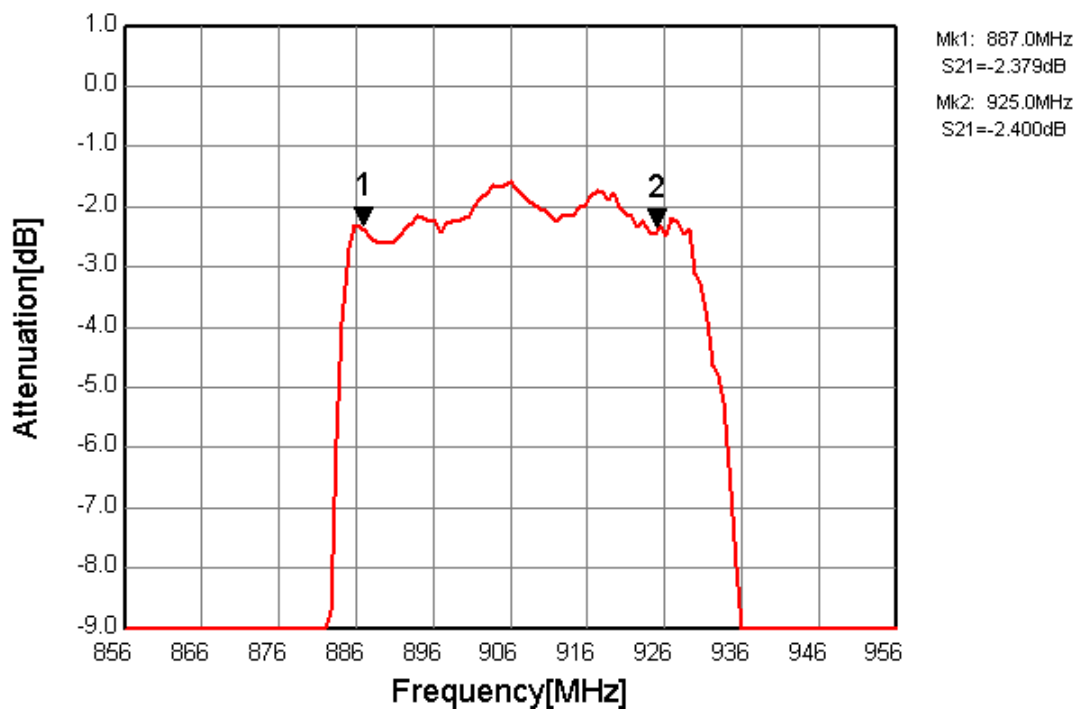


Fig.2 In-band Characteristics

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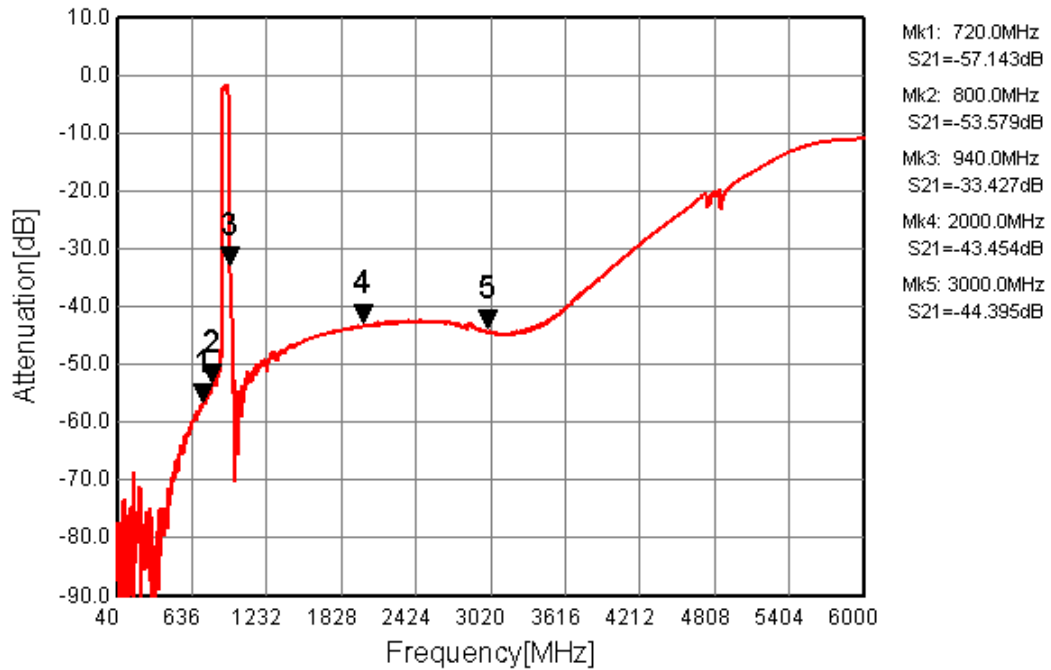


Fig.3 Wide-band Characteristics

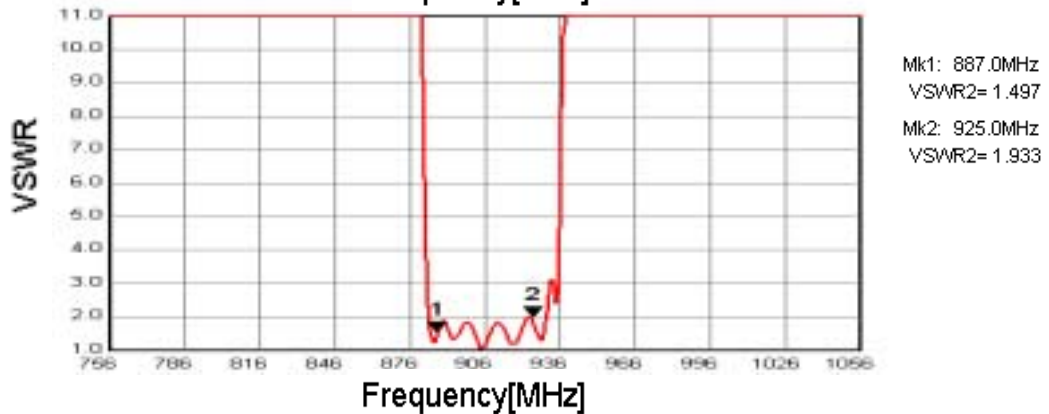
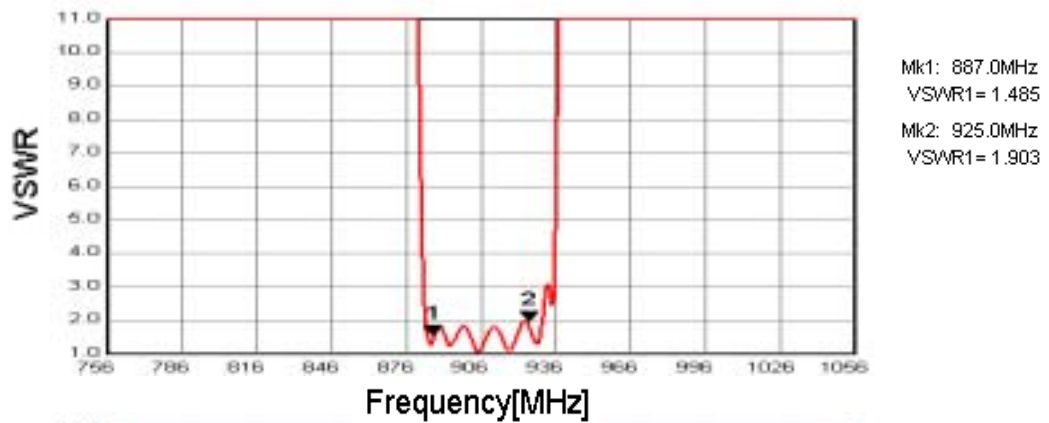
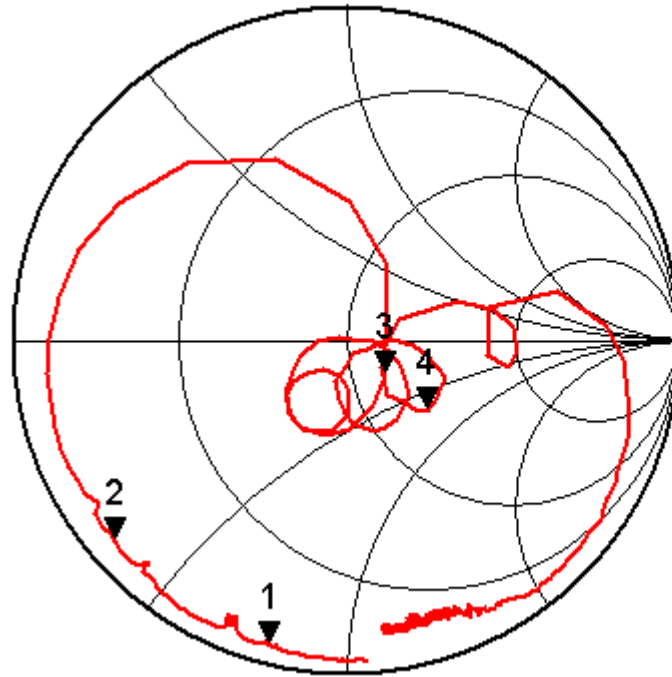


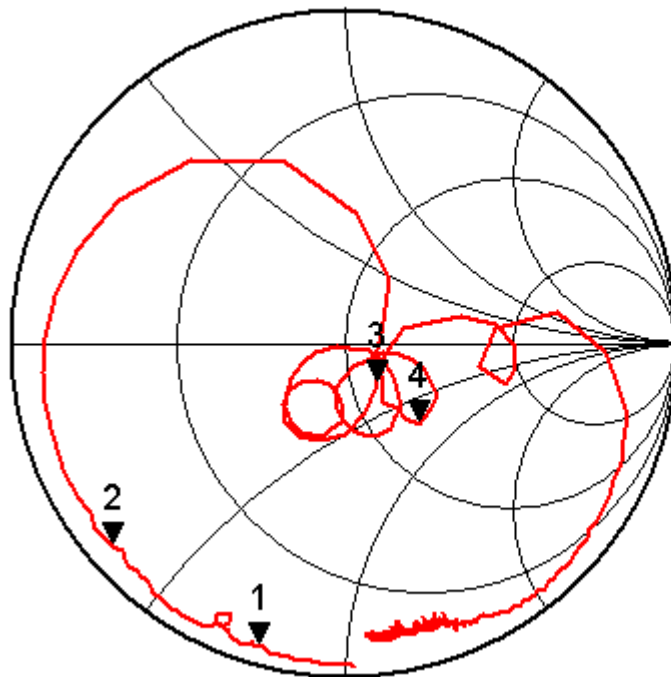
Fig.4 VSWR (S11,S22)

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Mk1: 832.0
Mk2: 870.0
Mk3: 887.0
Mk4: 925.0

Fig.5 Impedance (S11)



Mk1: 832.0
Mk2: 870.0
Mk3: 887.0
Mk4: 925.0

Fig.6 Impedance (S22)