

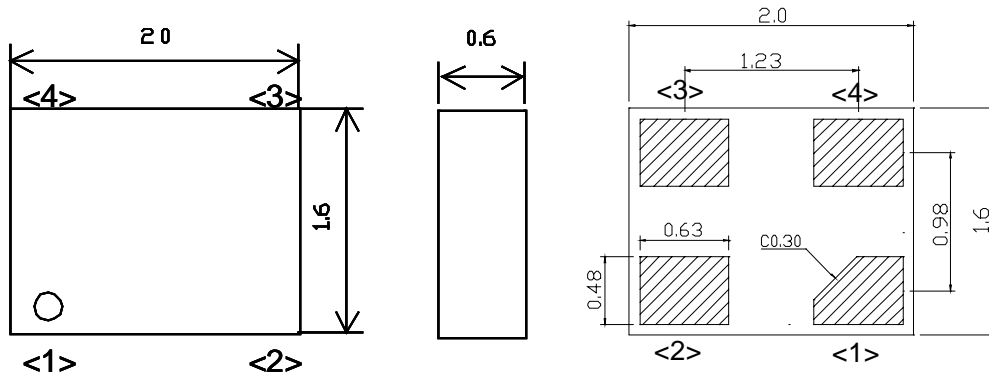
Customer Name	Standard	FUJITSU MEDIA DEVICES LIMITED	
System	PCS-Tx	DATE	May. 09, 2003
FMD Part Number	FAR-F6EA-1G8800-L2AN	Version 1.0c	
Customer No.		Reference No.	-

Table 1. Electrical specifications

Passband:1850-1910MHz						
Item	Condition (MHz)	Specification			Unit	Remarks
		Min.	Typ.	Max.		
Insertion Loss	1850.6-1909.4	-	2.5	3.6	dB	
Ripple	1850.6-1909.4	-	1.3	2.7	dB	
VSWR	1850.6-1909.4		1.9	2.4	-	
Absolute attenuation	D.C.-1770.0	20	24	-	dB	
	1770.0-1830.0	10	21	-	dB	
	1930.6-1989.4	24	34	-	dB	
	1989.4-2500.0	25	34	-	dB	
	2500.0-4000.0	12	19	-	dB	
	4000.0-6000.0	5	14	-	dB	
Input Power	-	-	-	+13	dBm	
In/Output impedance		50			ohm	
Operating temperature		-30 to +85			°C	
Dimension		2.0typ.x1.6typ.x0.6max.			mm	

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Dimensions

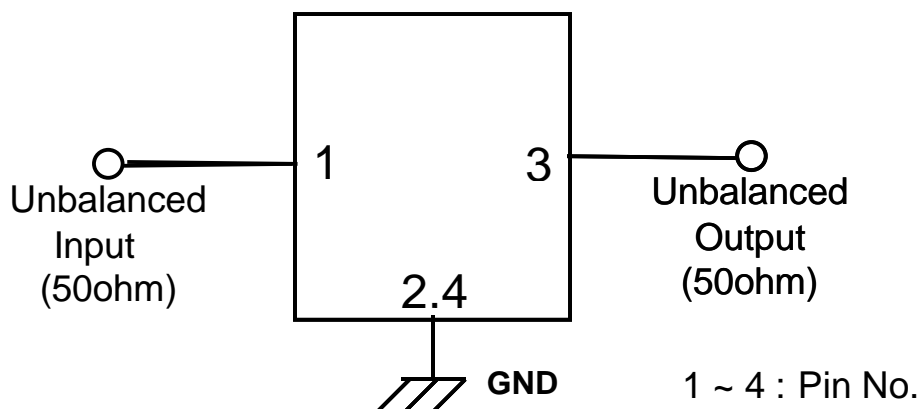


Unit : mm

Pin Configuration

Pin No.	Pin name	Description
1	IN	Input pin
2	GND	Ground
3	OUT	Output pin
4	GND	Ground

Evaluation Circuit



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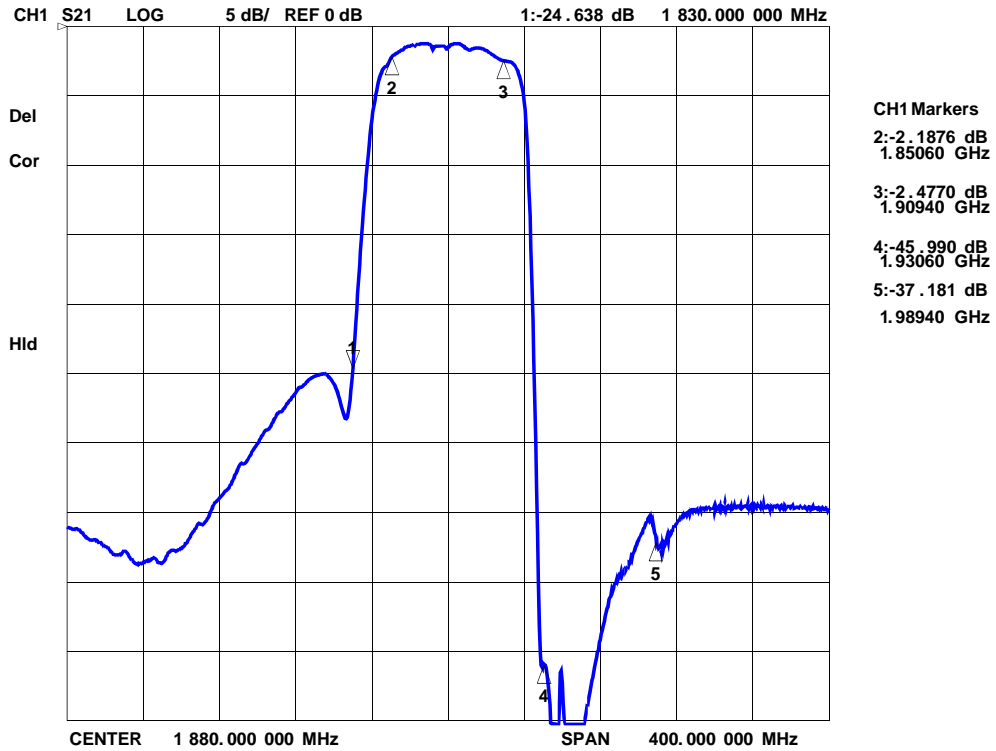


Fig.1 Pass-band Characteristics

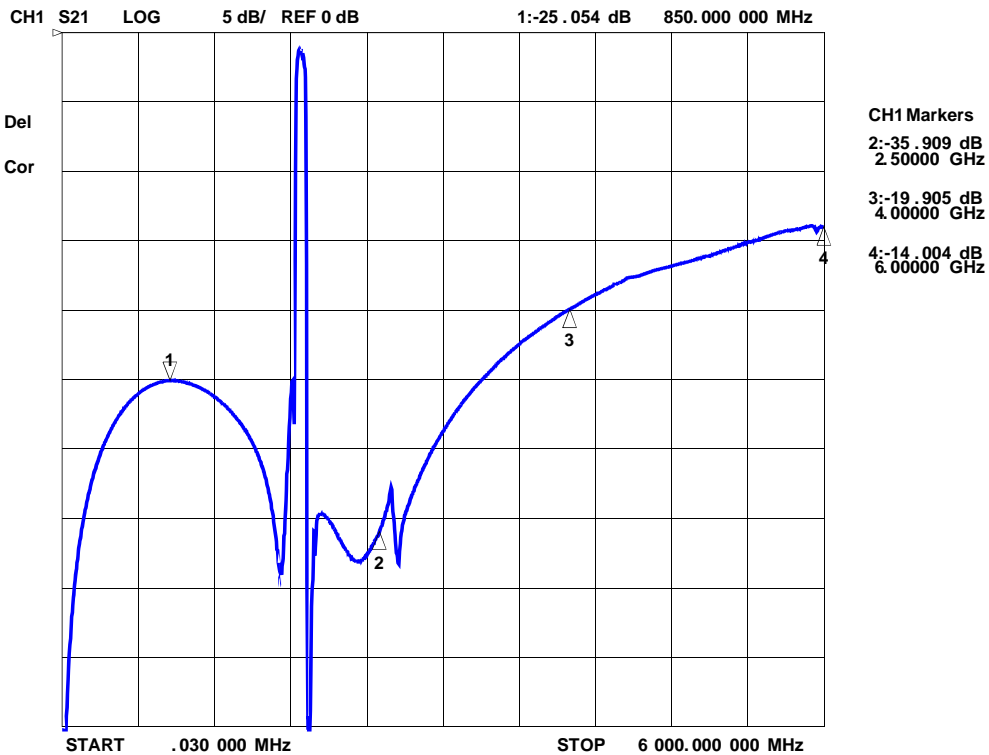


Fig.2 Wide-band Characteristics

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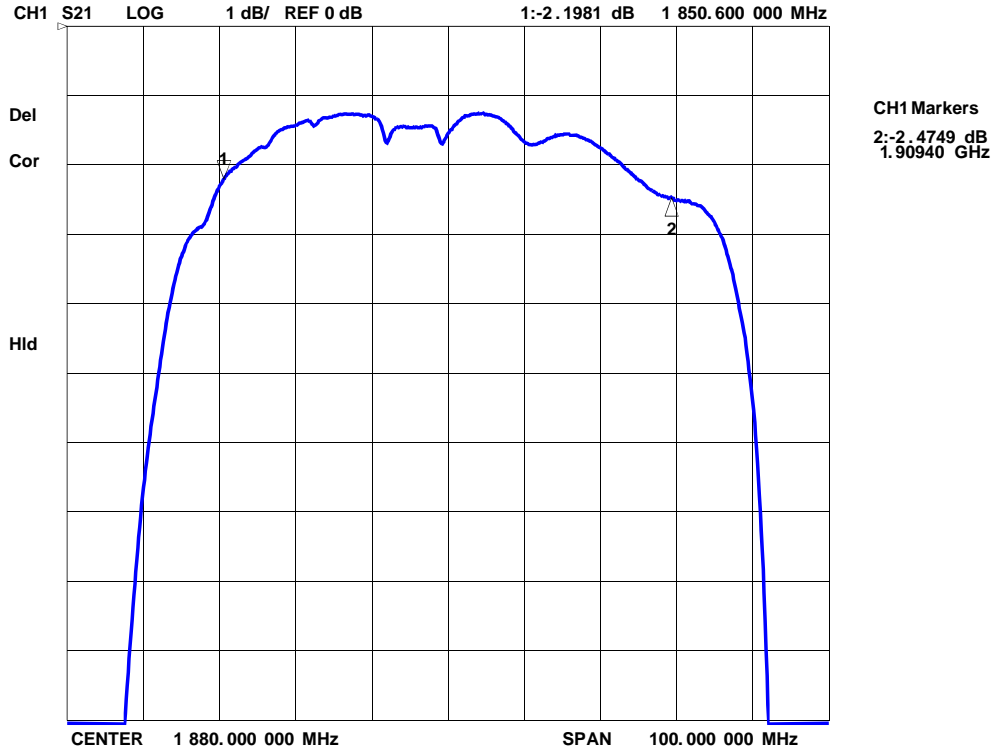


Fig.3 Pass-band Characteristics

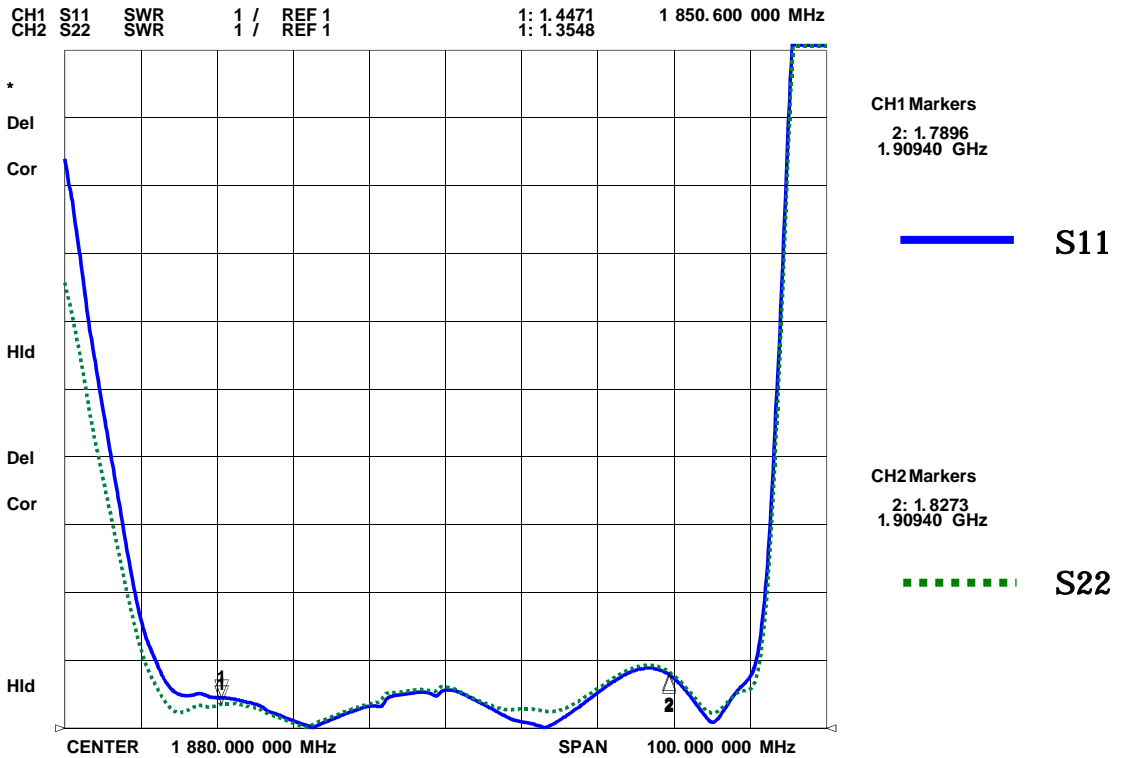


Fig.4 VSWR (S11&S22)

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Customer No.		Reference No.	-

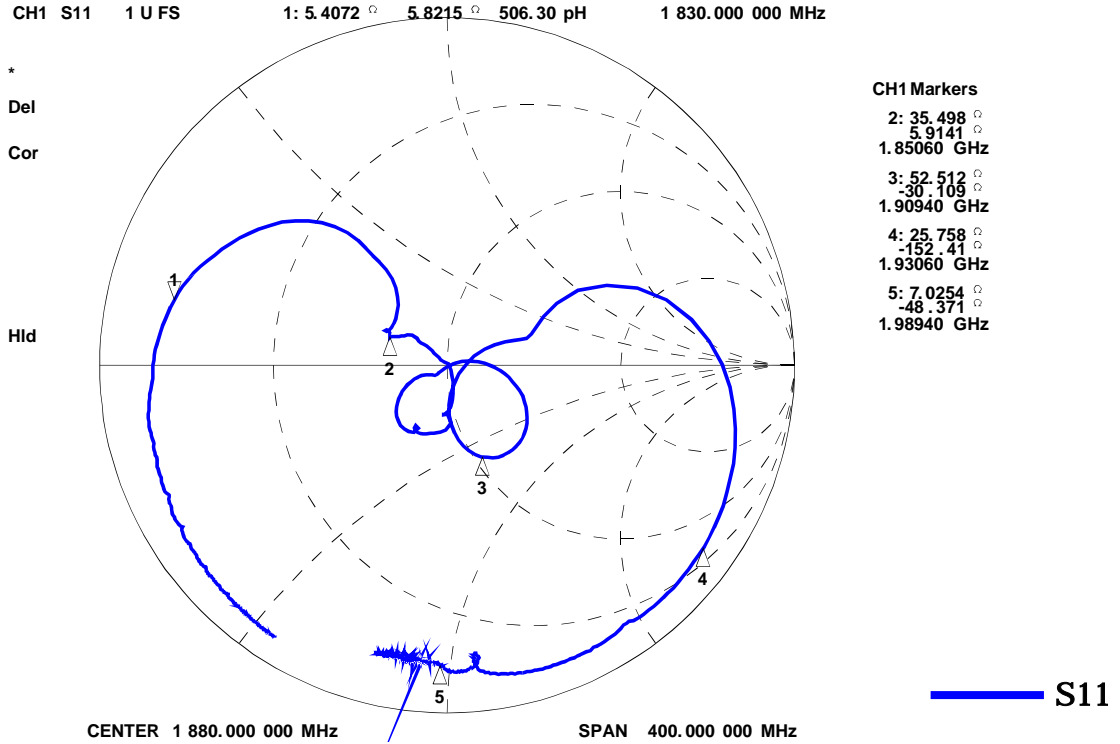


Fig.5 Impedance (S11)

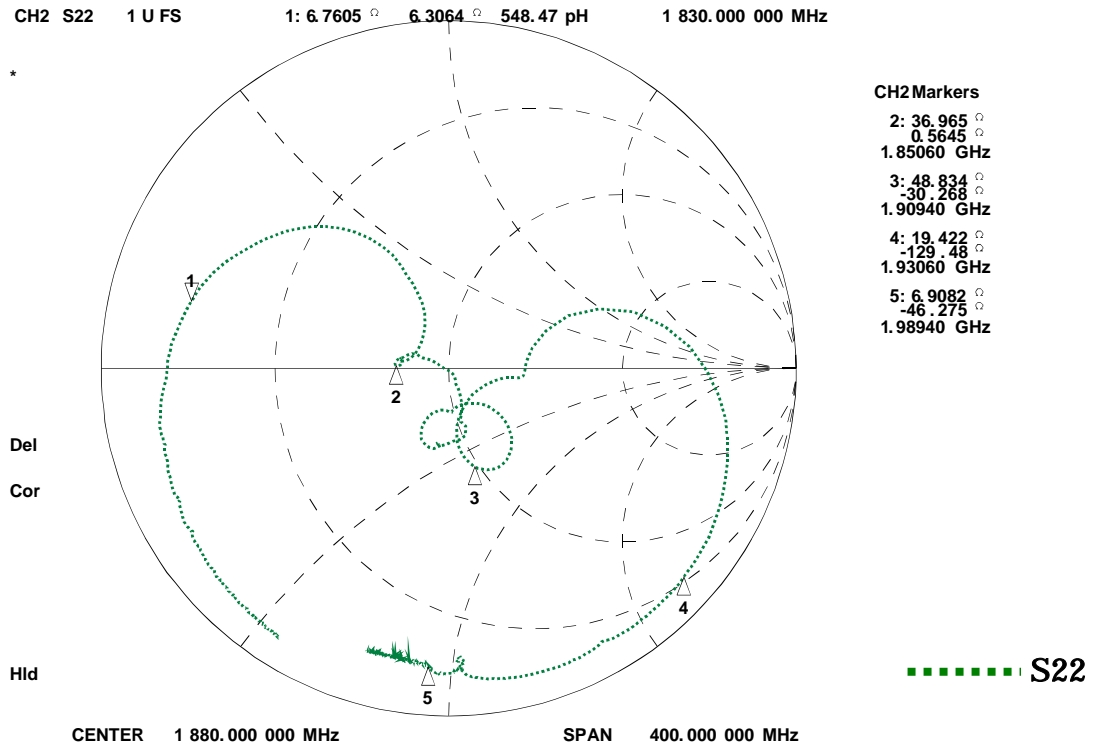


Fig.6 Impedance (S11)