

Customer Name	Standard Specification	FUJITSU MEDIA DEVICES LIMITED	
System	WCDMA-Tx	DATE	Feb 9, 2005
FMD Part Number	FAR-F6EA-1G9500-D2AL	Version 3.0d	

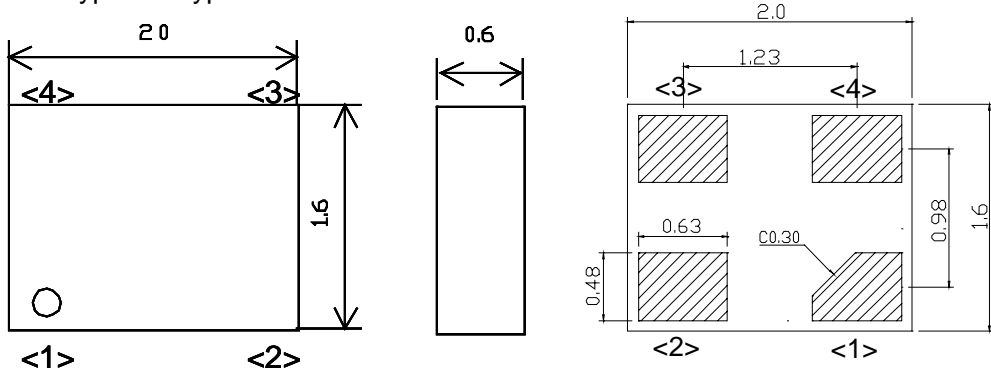
Table 1. Electrical specifications

Item	Condition	Value			Unit	Remarks
		Min.	Typ.	Max.		
Pass band	-	1920-1980			MHz	
Insertion Loss	1920-1980 MHz	-	2.3	<b>3.0</b>	dB	
Ripple	1920-1980 MHz	-	1.0	2.0	dB	
Absolute attenuation	D.C.-1580 MHz	25	35	-	dB	
	1705-1715 MHz	32	37	-	dB	
	1805-1880 MHz	20	33	-	dB	
	2110-2170 MHz	31	36	-	dB	
	2300-2550 MHz	25	42	-	dB	
	2680-3120 MHz	25	34	-	dB	
	3840-3960 MHz	25	35	-	dB	
VSWR(S11)	1920-1980 MHz	-	2.1	2.7	-	
VSWR(S22)	1920-1980 MHz	-	2.2	2.7	-	
Input Power	-	TBD			dBm	Pass Band
In/Output impedance	-	50/50			ohm	
Operating temperature		-30 to +85			°C	
Device size (L x W x H)		2.0typ.x1.6typ.x0.6max.			mm	SMD

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**Dimensions**

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

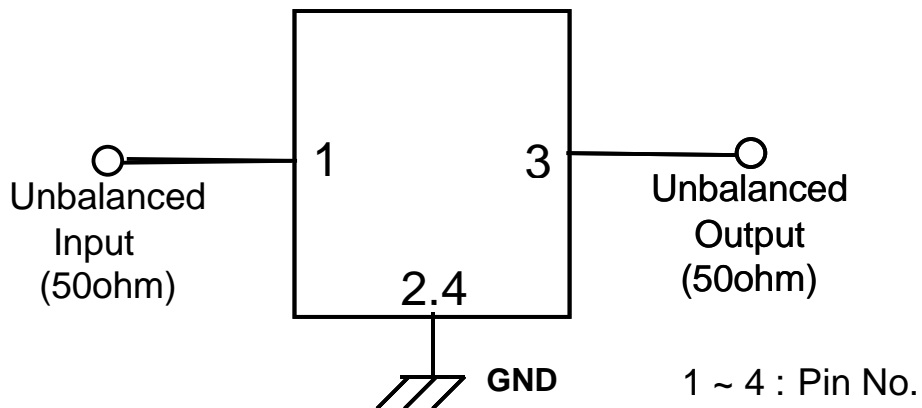


Unit : mm

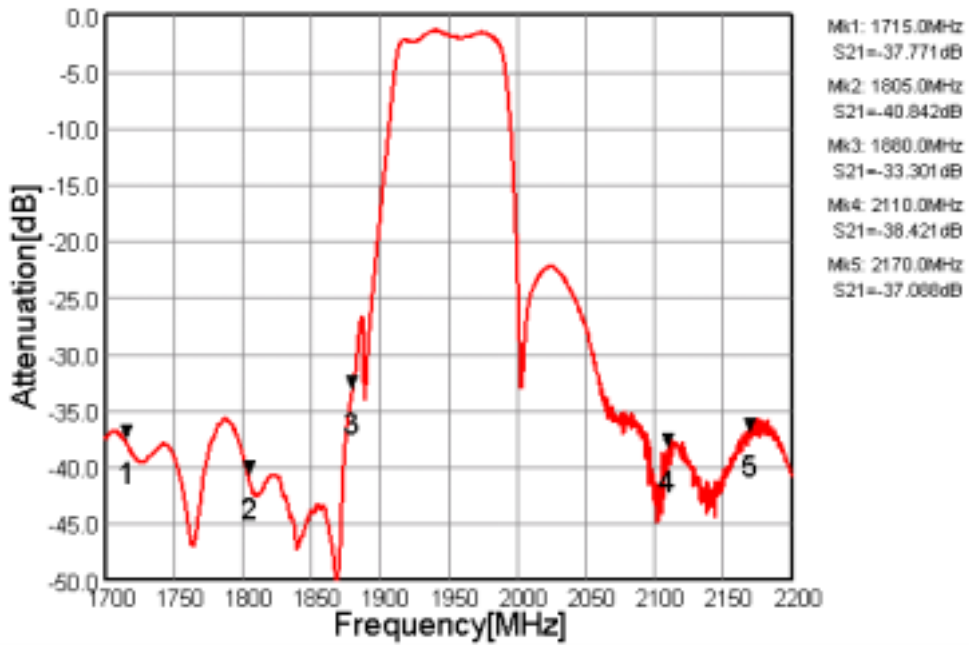
**Pin Configuration**

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

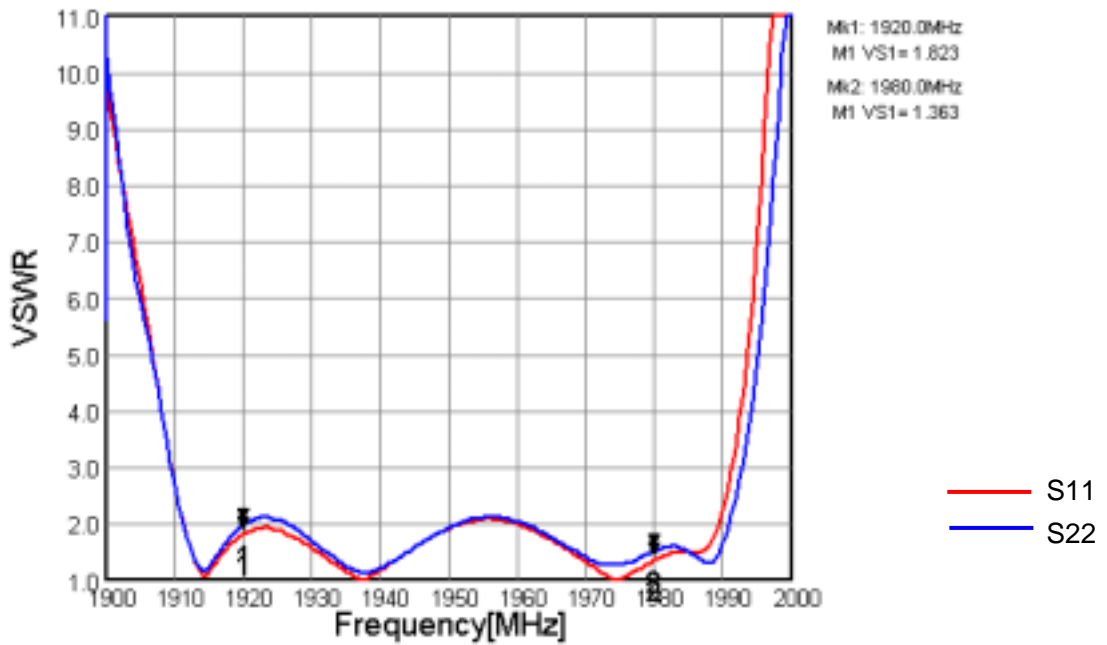
**Evaluation Circuit**



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**Fig.1 Pass-band Characteristic**



**Fig.2 VSWR**

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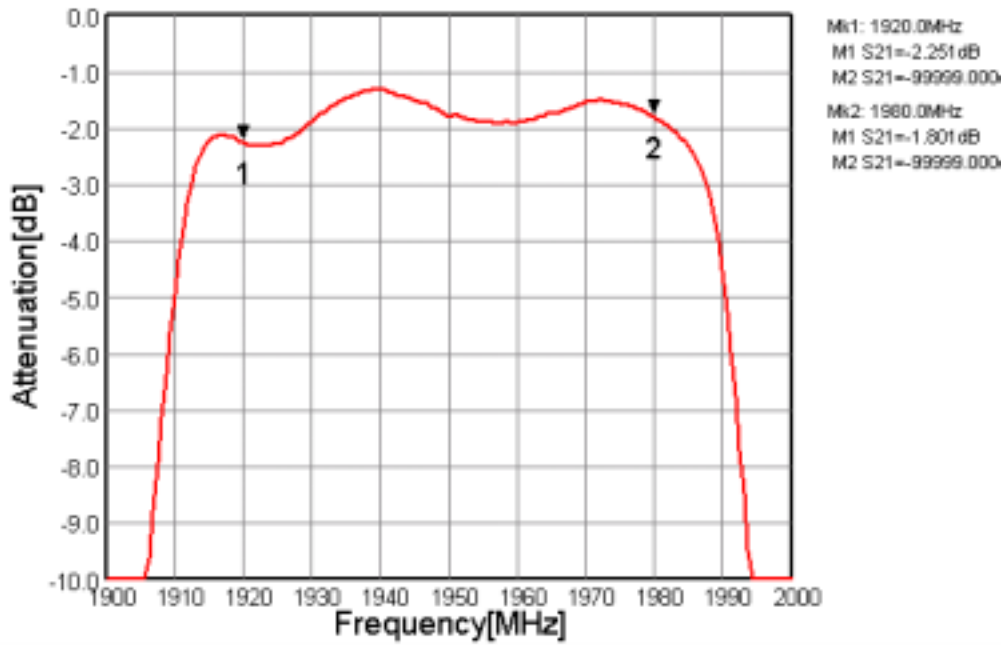


Fig.3 In-band Characteristic

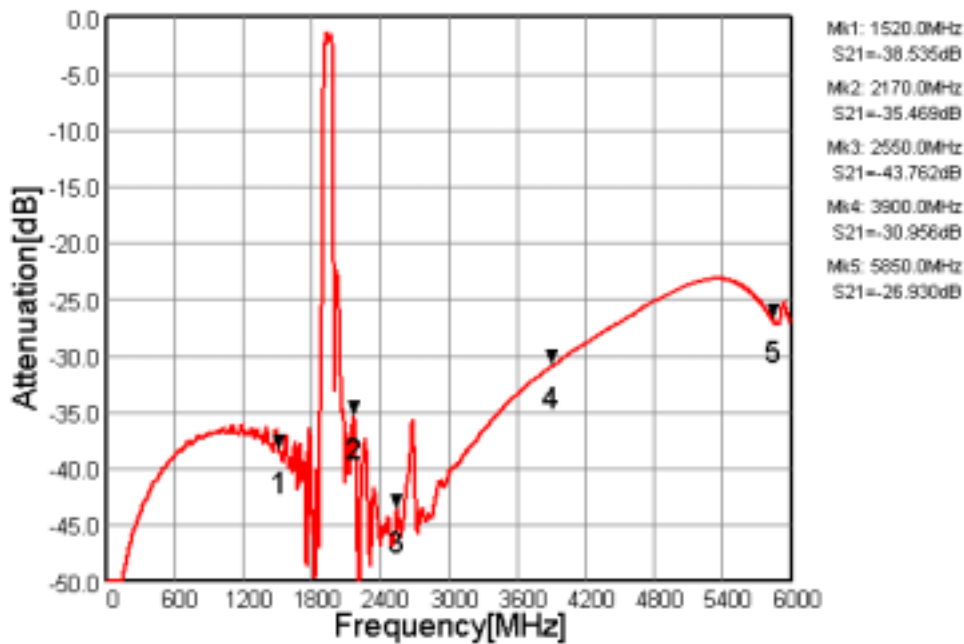
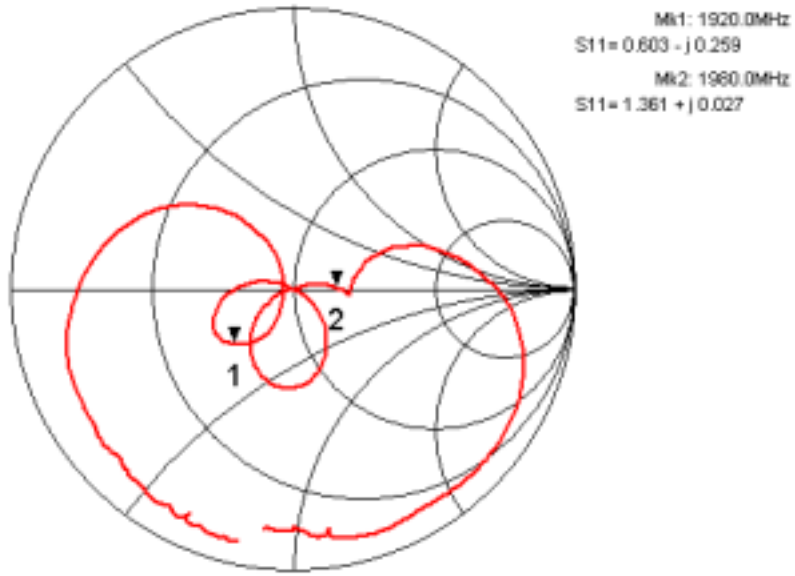
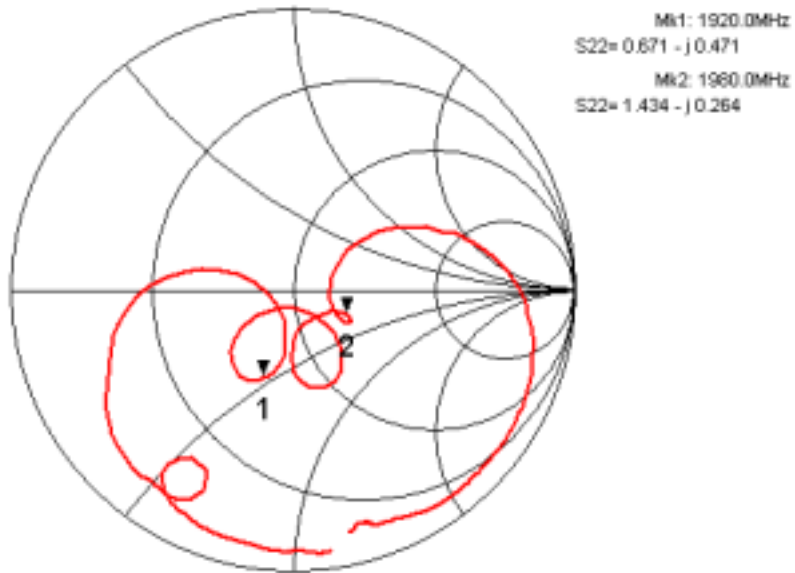


Fig.4 Wide-band Characteristic

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**Fig.5 Impedance (S11)**



**Fig.6 Impedance (S22)**