

Customer Name	<b>Standard Characteristics</b>	FUJITSU MEDIA DEVICES LIMITED	
System	TDSCDMA	DATE	Jul. 14, 2004
FMD Part Number	FAR-F6EA-2G0175-L2HF	Version 2.2b	

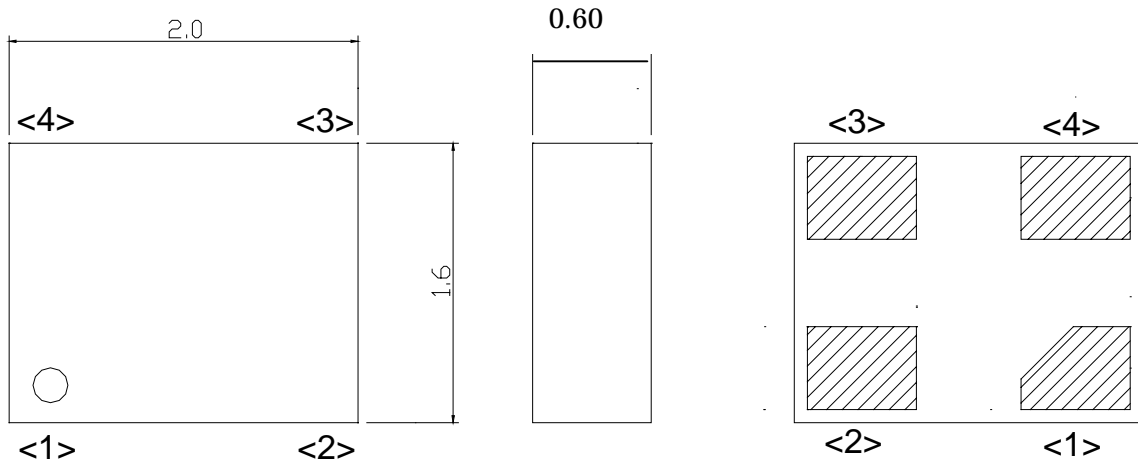
**Table 1. Electrical specifications**

Item	Condition	Proposal			Unit	Remark
		Min.	Typ.	Max.		
Insertion Loss	2010-2025 MHz	-	1.8	2.2	dB	
Ripple	2010-2025 MHz	-	0.2	0.7	dB	
VSWR	2010-2025 MHz	-	1.6	1.9		
Absolute Attenuation	0-995 MHz	24	28	-	dB	
	995-1022 MHz	25	28	-	dB	
	1022-1925 MHz	23	28	-	dB	
	1925-1950 MHz	20	25	-	dB	
	2085-2110 MHz	32	46	-	dB	
	2110-2430 MHz	32	37	-	dB	
	2430-2565 MHz	26	32	-	dB	
	2565-4010 MHz	15	20	-	dB	
	4010-4060 MHz	16	20	-	dB	
	4060-6000 MHz	8	13	-	dB	
PKG		2.0typ.x1.6typ.x0.6max			mm	
Operating temp.		-20~ +85			°C	
Terminating Impedance (Unbalanced)		50			Ohm	

Customer Name	<b>Standard Characteristics</b>	FUJITSU MEDIA DEVICES LIMITED	
System	TDSCDMA	DATE	Jul. 14, 2004
FMD Part Number	FAR-F6EA-2G0175-L2HF	Version 2.2b	

● **Dimensions**

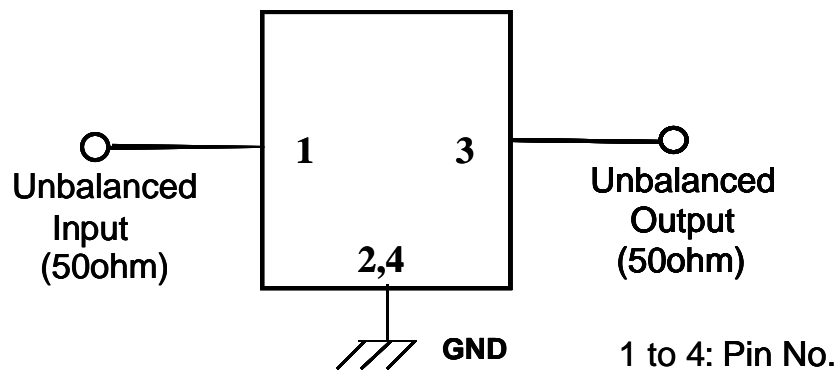
Device size: 2.0typ. x 1.6typ. x 0.60max



● **Pin Configuration**

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

● **Evaluation Circuit**



Customer Name	<b>Standard Characteristics</b>	FUJITSU MEDIA DEVICES LIMITED	
System	TDSCDMA	DATE	Jul. 14, 2004
FMD Part Number	FAR-F6EA-2G0175-L2HF	Version 2.2 b	

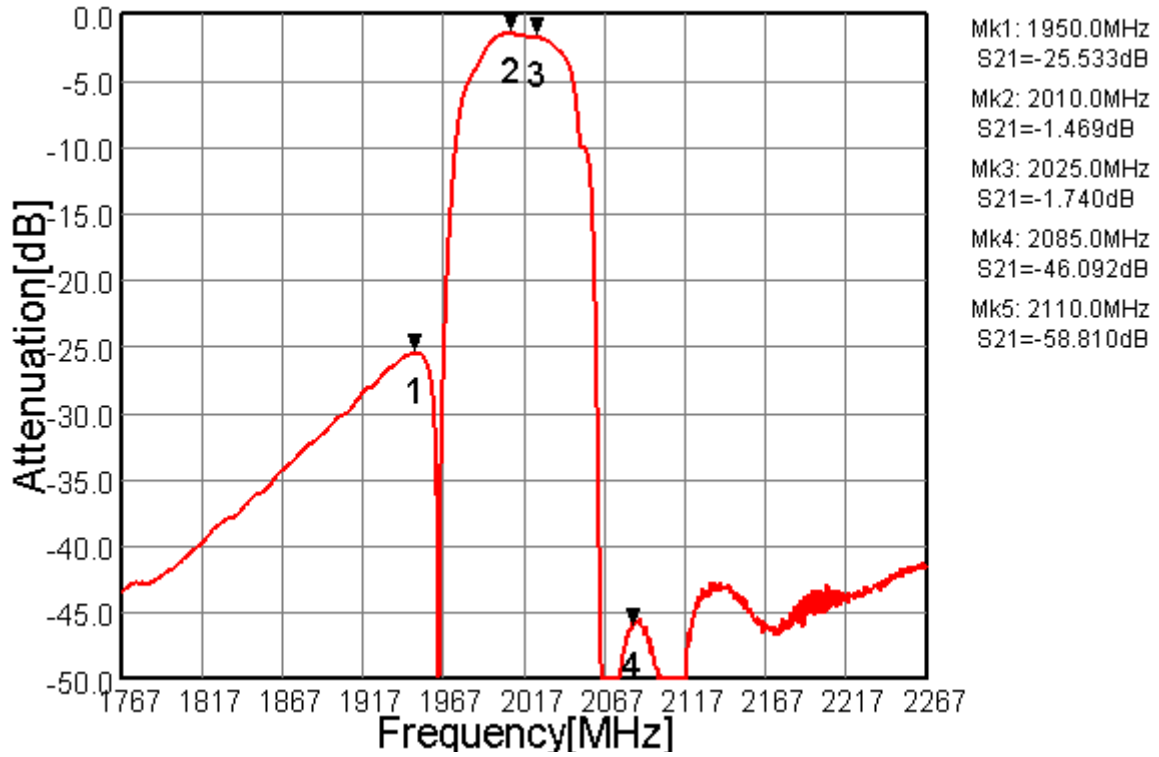


Fig. 1 Pass-band Characteristics(savn 500MHz)

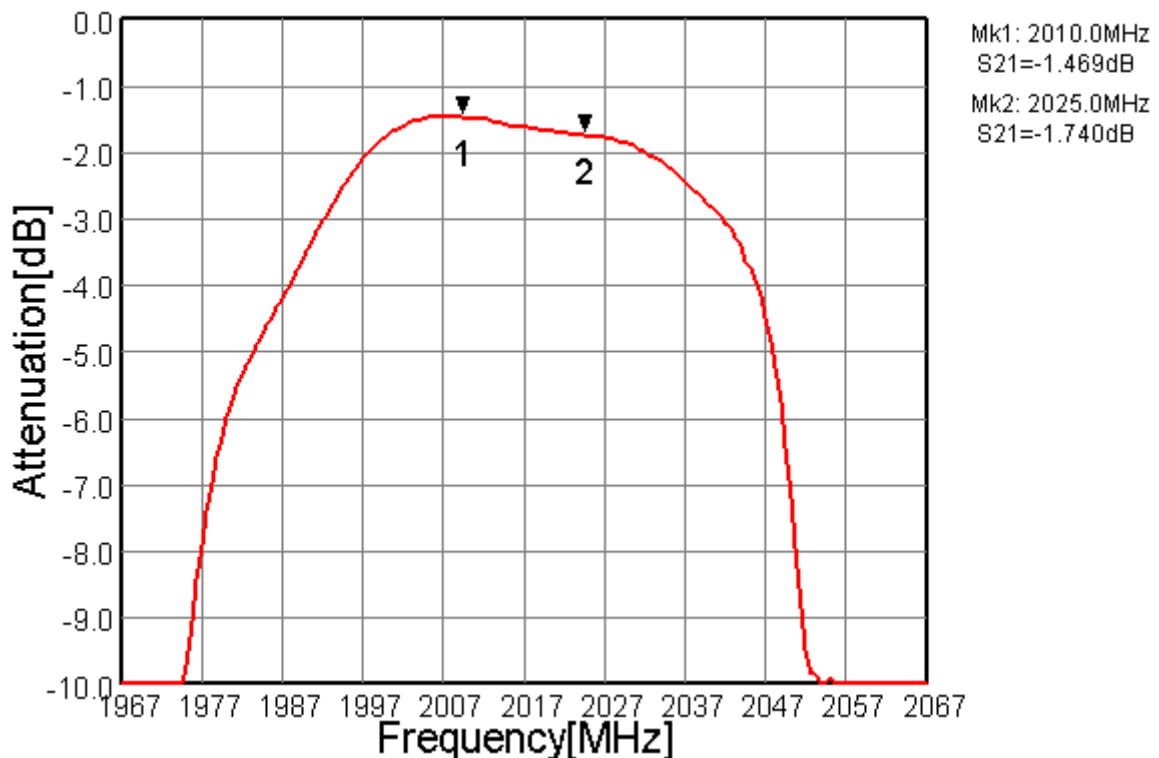


Fig. 2 Pass-band Characteristics(savn 100MHz)

Customer Name	<b>Standard Characteristics</b>	FUJITSU MEDIA DEVICES LIMITED	
System	TDSCDMA	DATE	Jul. 14, 2004
FMD Part Number	FAR-F6EA-2G0175-L2HF	Version 2.2 b	

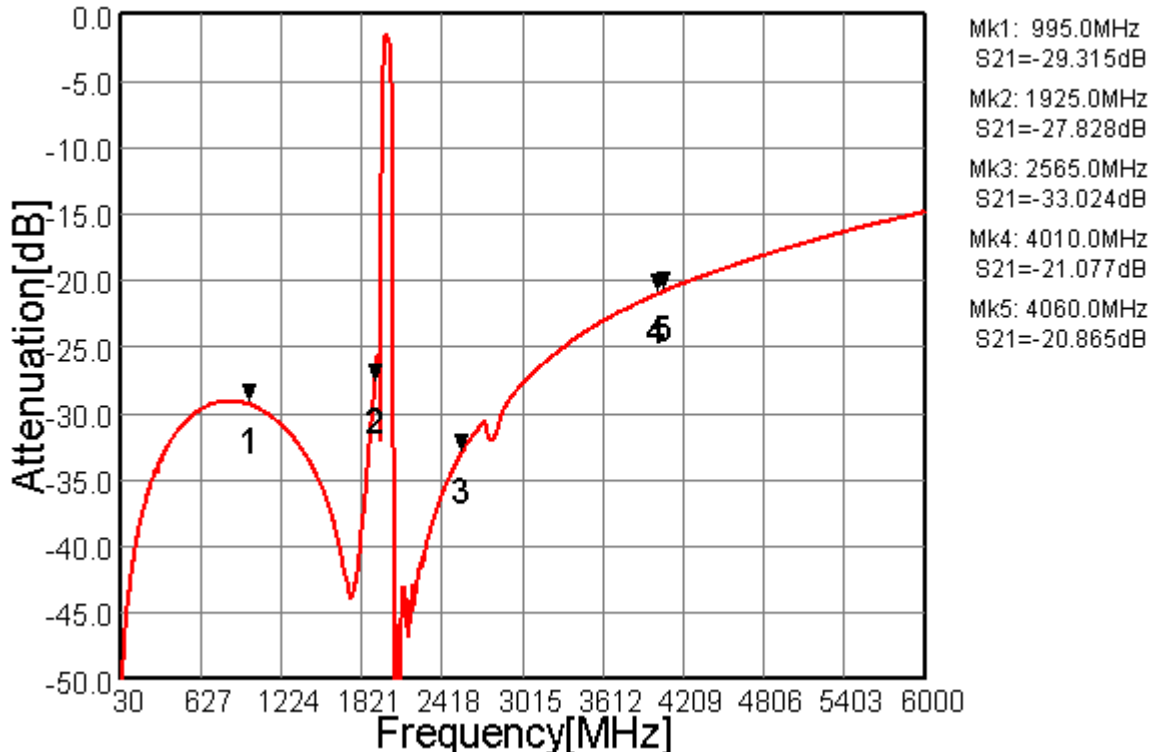


Fig.3 Wide-band Characteristics

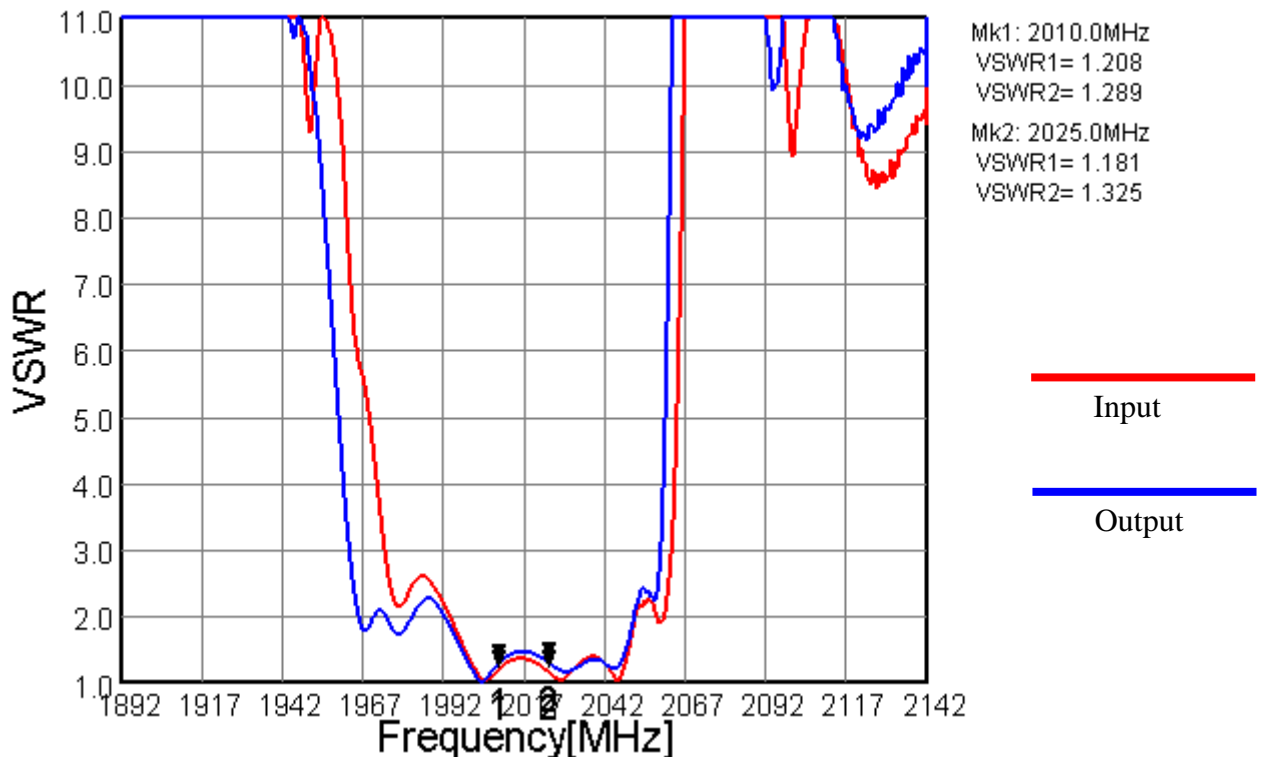


Fig.4 VSWR Characteristics

Customer Name	<b>Standard Characteristics</b>	FUJITSU MEDIA DEVICES LIMITED	
System	TDSCDMA	DATE	Jul. 14, 2004
FMD Part Number	FAR-F6EA-2G0175-L2HF	Version 2.2 b	

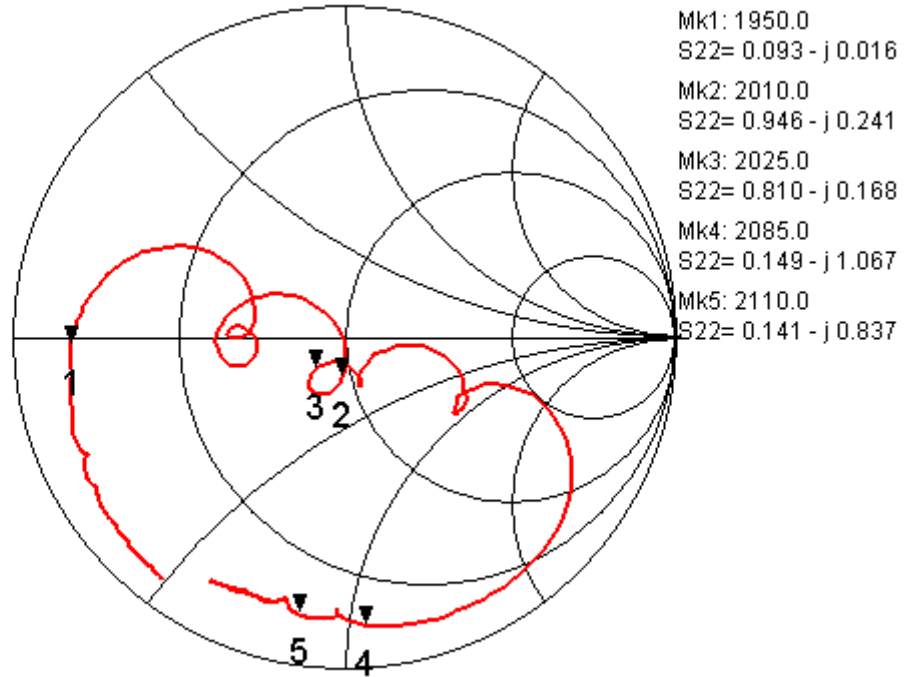


Fig. 5 Smith Chart (Input)

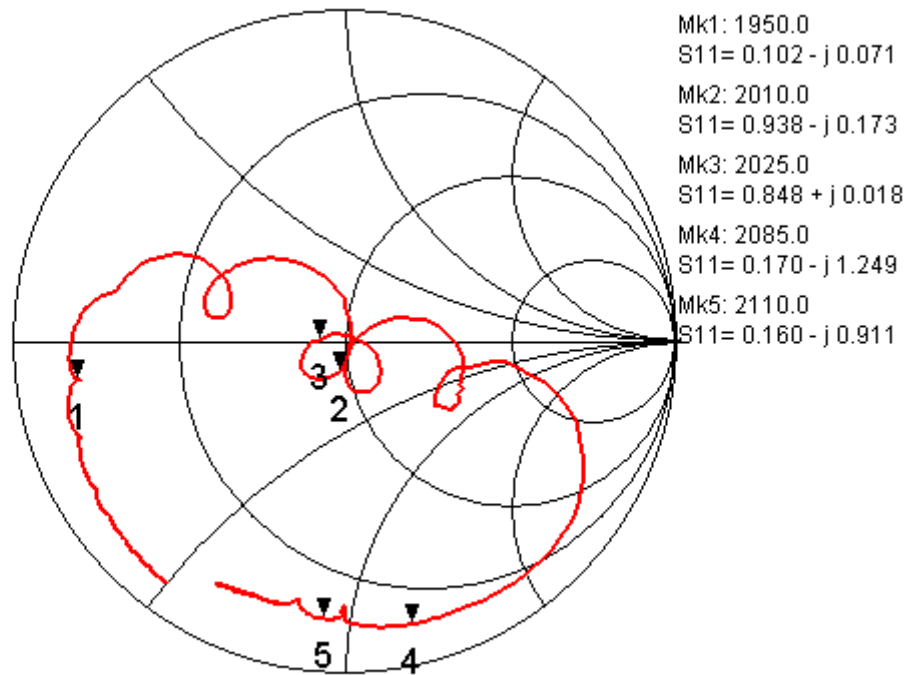


Fig. 6 Smith Chart (Output)