

Customer Name	Standard specification	FUJITSU MEDIA DEVICES LIMITED	
System	GPS	DATE	Nov. 14, 2003
FMD Part Number	FAR-F6EA-1G5754-L2AK	Version 1.1 a	
Customer Number		Reference No.	-

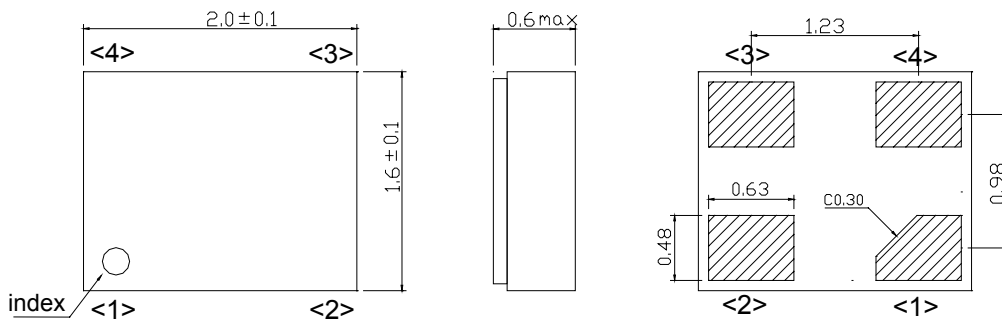
Table 1. Electrical specifications

Passband:1574.42 ~ 1576.42 MHz						
Item	Condition	Specification			Unit	Remarks
		Min.	Typ.	Max.		
Insertion Loss	1574.42 - 1576.42 MHz	-	1.1	1.6	dB	
Ripple	1574.42 - 1576.42 MHz	-	0.1	0.8	dB	
VSWR	1574.42 - 1576.42 MHz	-	1.3	1.7	dB	
Absolute attenuation	824 - 849 MHz	40	44	-	dB	
	1208.22 MHz	45	51	-	dB	
	1522.42 MHz	25	28	-	dB	
	1628.42 MHz	45	67	-	dB	
	1850 -1910 MHz	30	36	-	dB	
Impedance		-	50	-	ohm	
Operating Temperature		-30 ~ +85			°C	
Storage Temperature		-40 ~ +100			°C	
Dimension		2.0typ.x1.6typ.x0.6max.			mm	

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Dimensions

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

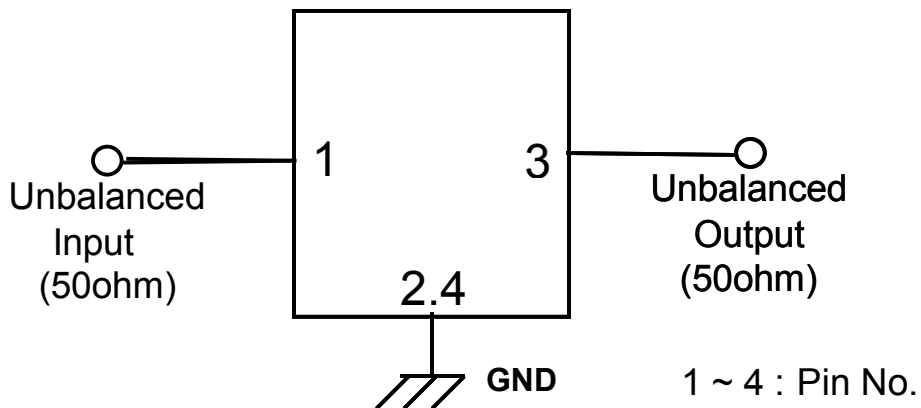


Unit : mm

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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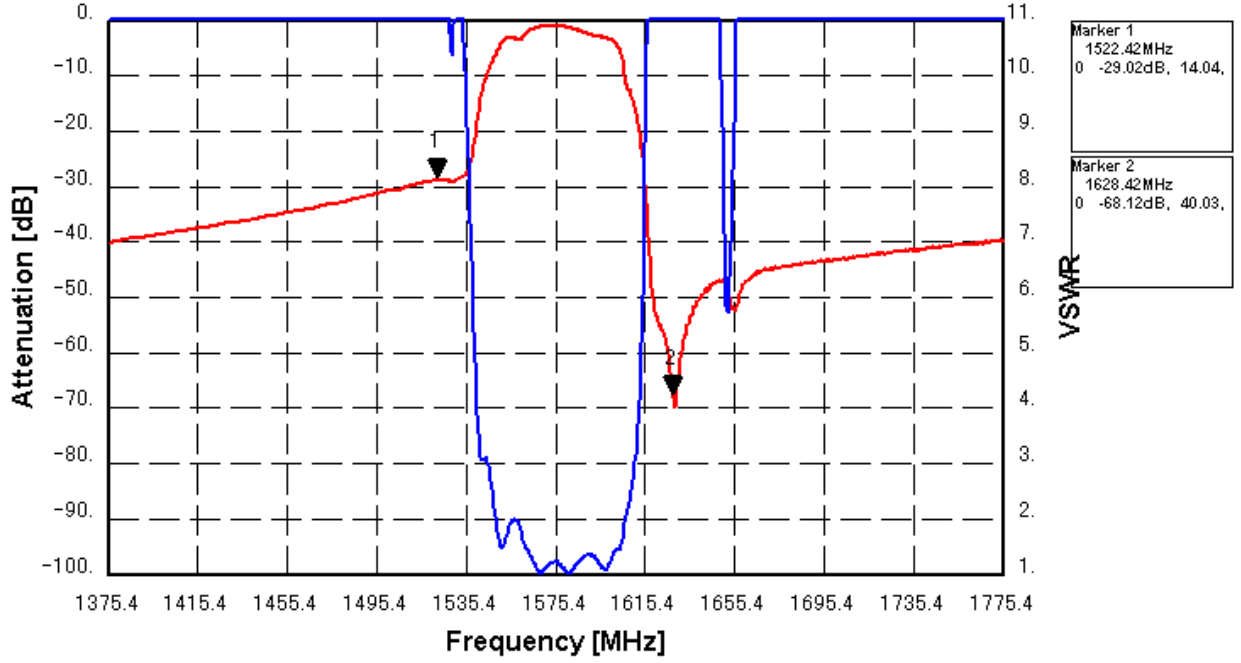


Fig.2 Pass-band Characteristics(400MHz span)

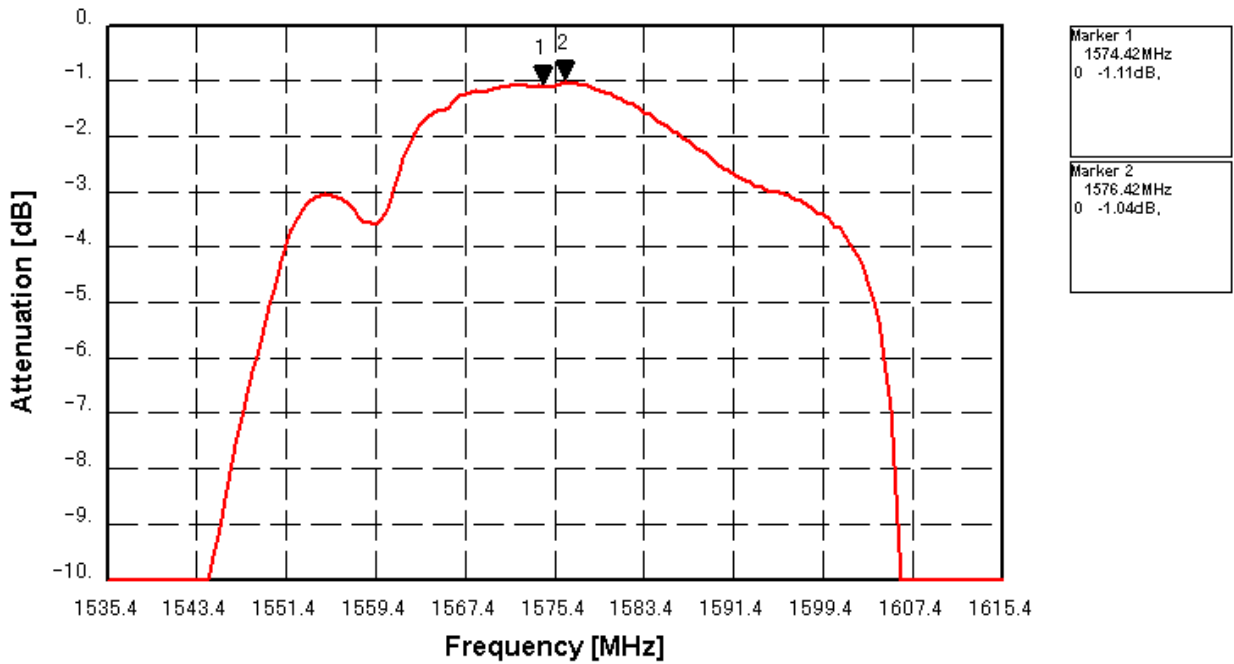
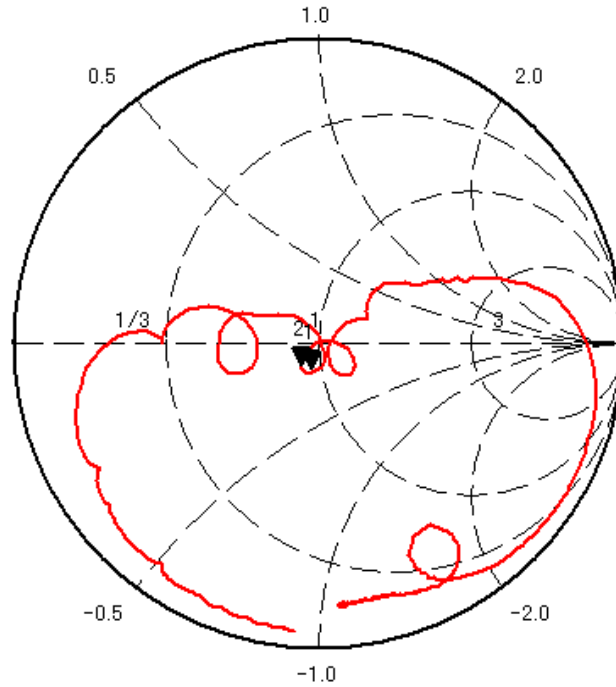


Fig.3 Pass-band Characteristics(100MHz span)

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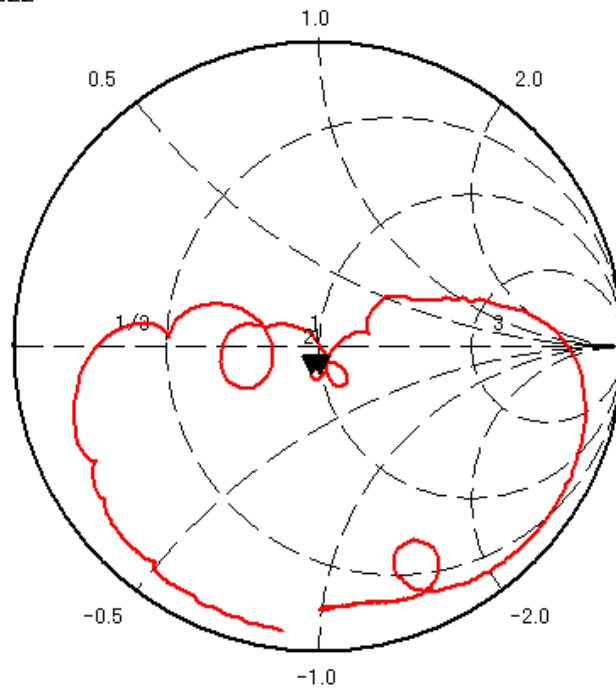
S11



Marker 1	1574.42MHz
Marker 2	1576.42MHz

Fig.4 Smith Chart(S11)

S22



Marker 1	1574.42MHz
Marker 2	1576.42MHz

Fig.5 Smith Chart(S22)

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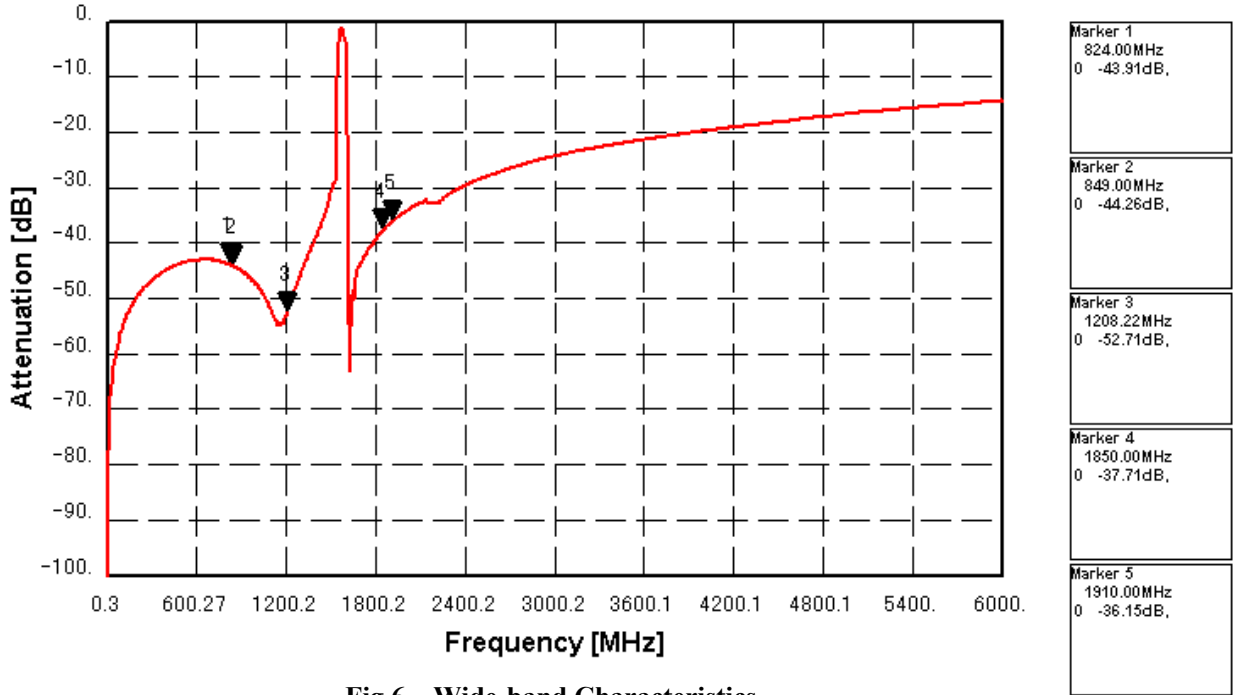


Fig.6 Wide-band Characteristics