

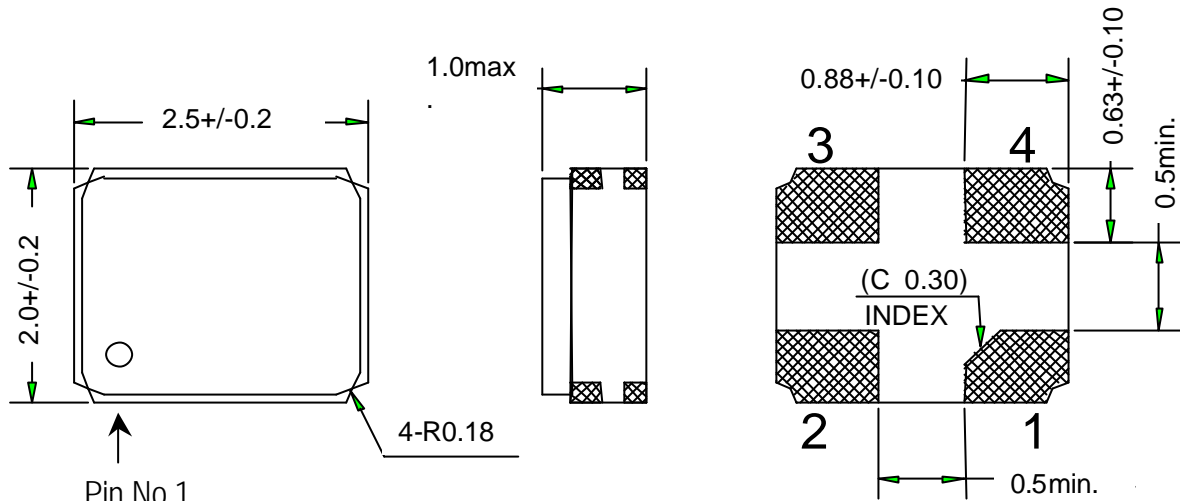
Customer Name	Standard specification	FUJITSU MEDIA DEVICES LIMITED	
TYPE.	EGSM-Rx	DATE	Mar.7, 2003
FMD Part Number	FAR-F5CP-942M50-D22C	Version 1.1	Preliminary

Table 1 Electrical Specifications

Passband: 925 ~ 960 MHz						
Item	Condition	Specification			Unit	Remarks
		Min.	Typ.	Max.		
Insertion Loss	925~960 MHz	–	2.6	2.9	dB	25+/-2 °C
		–	–	3.3	dB	
Ripple	925~960 MHz	–	1.0	2.0	dB	
Absolute attenuation	D.C.~871 MHz	45	47	–	dB	
	890~915 MHz	15	31	–	dB	
	980~1025 MHz	25	30	–	dB	
	1025~2000 MHz	40	44	–	dB	
	2000~3000 MHz	25	35	–	dB	
VSWR	925~960 MHz	–	1.6	2.3	–	
Operating Temperature		-30 ~ +85			°C	
Device Size		2.5 typ. x 2.0typ. x 1.0max.			mm	

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Dimensions



1 to 4 : Pin No.

Unit : mm

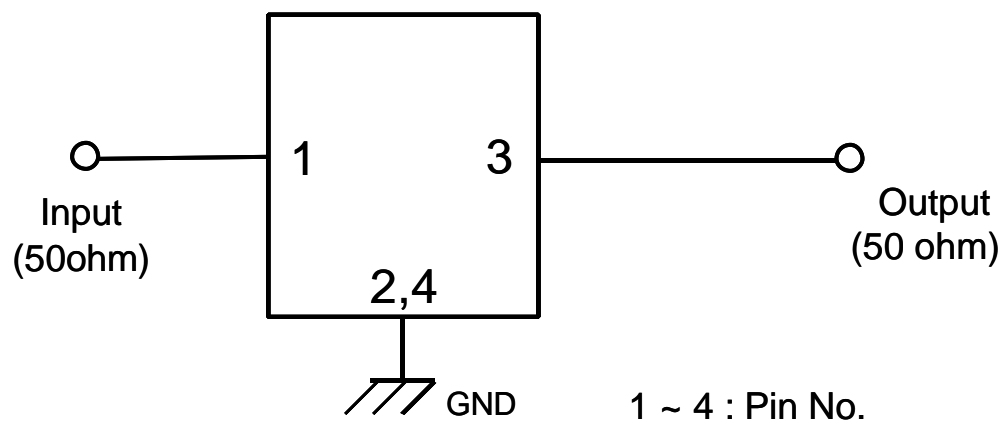
Ver1.0

Unit : mm

Pin Configuration

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

Test Condition



1 ~ 4 : Pin No.

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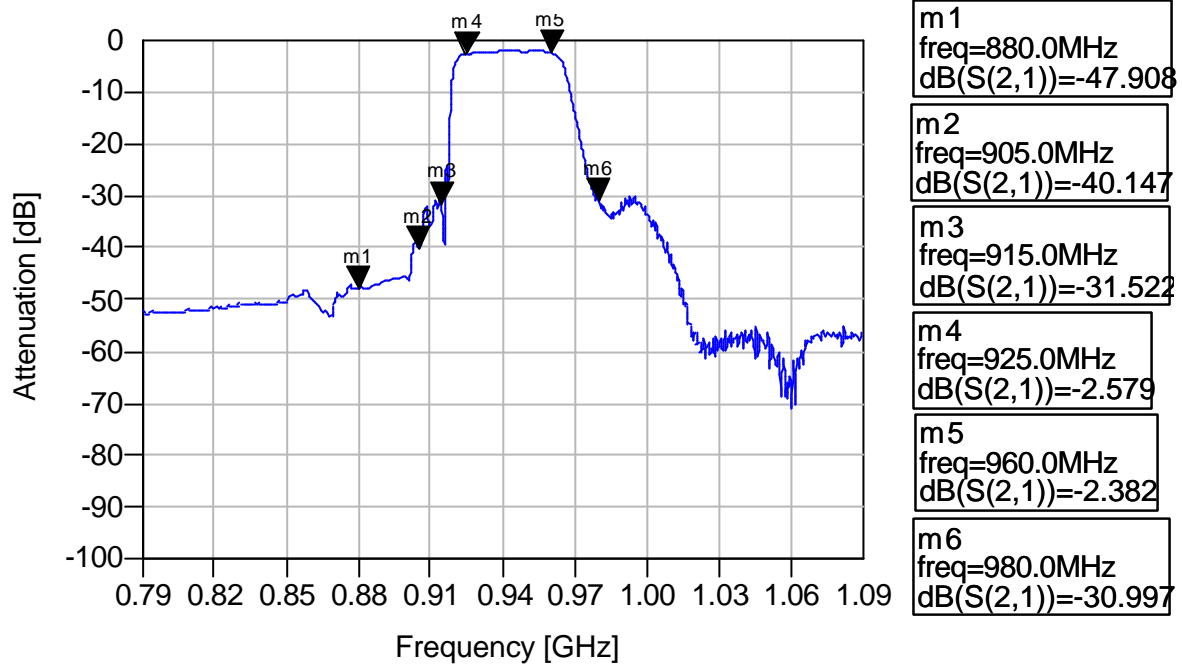


Fig.1 Pass-band Characteristics

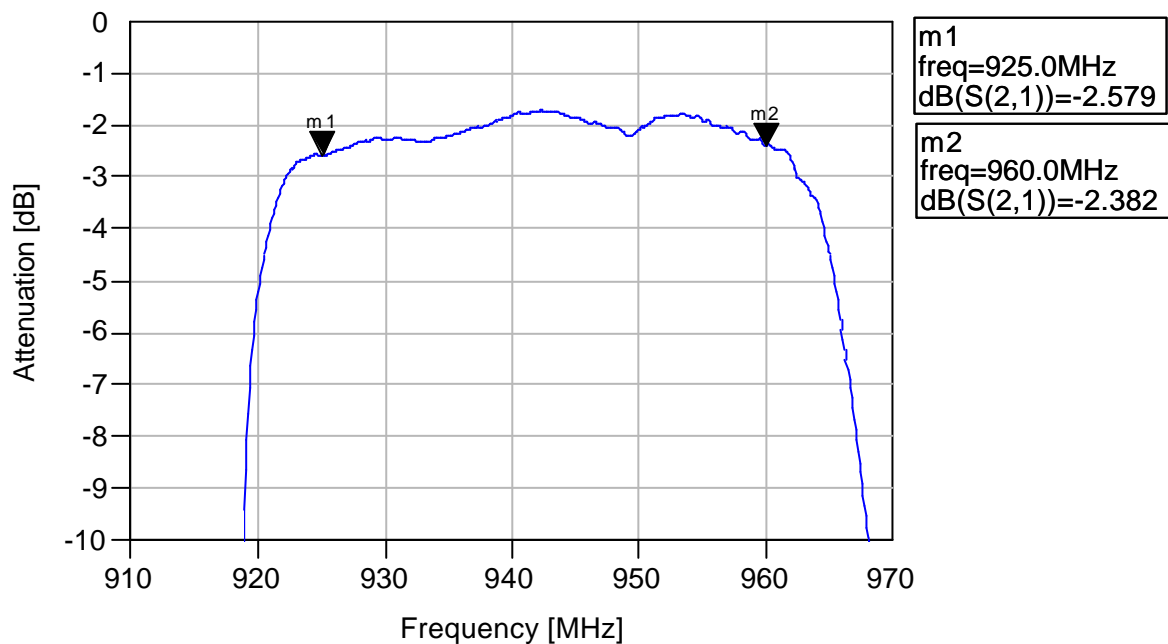


Fig.2 In-band Characteristics

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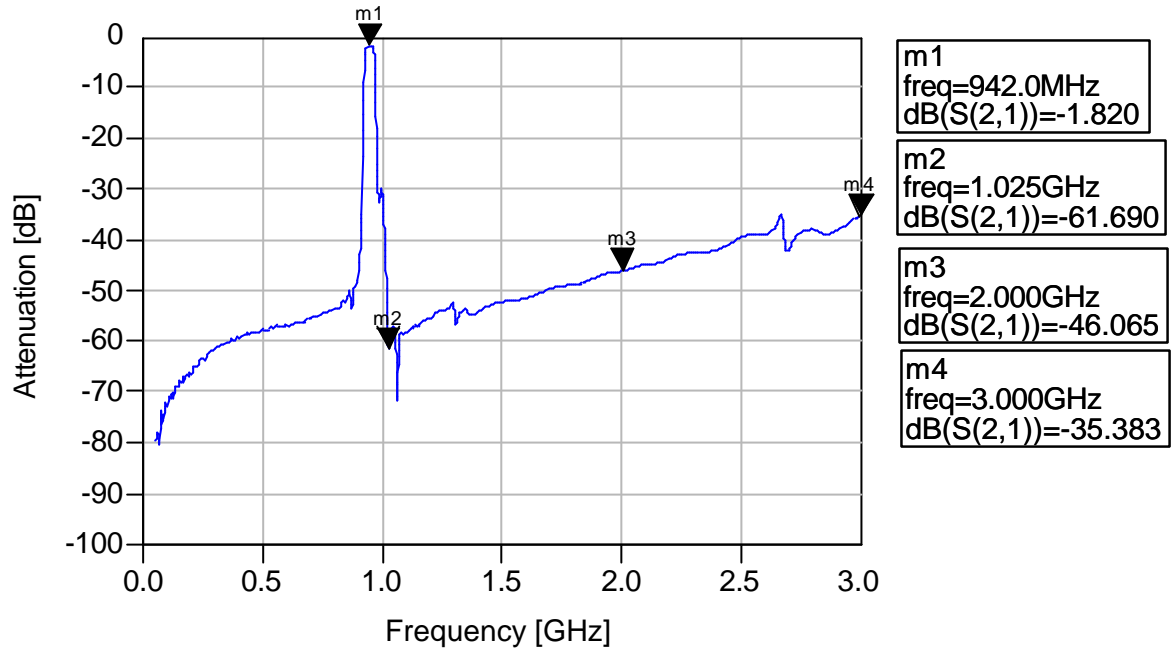


Fig.3 Wide-band Characteristics

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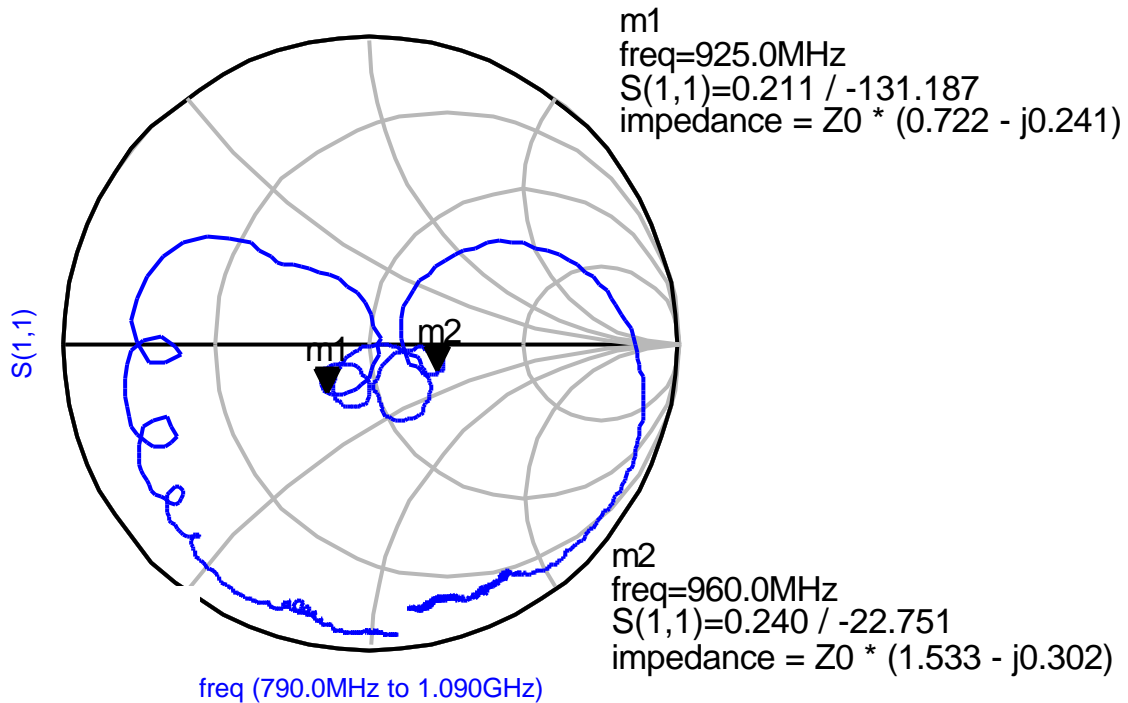


Fig.4 Impedance S11

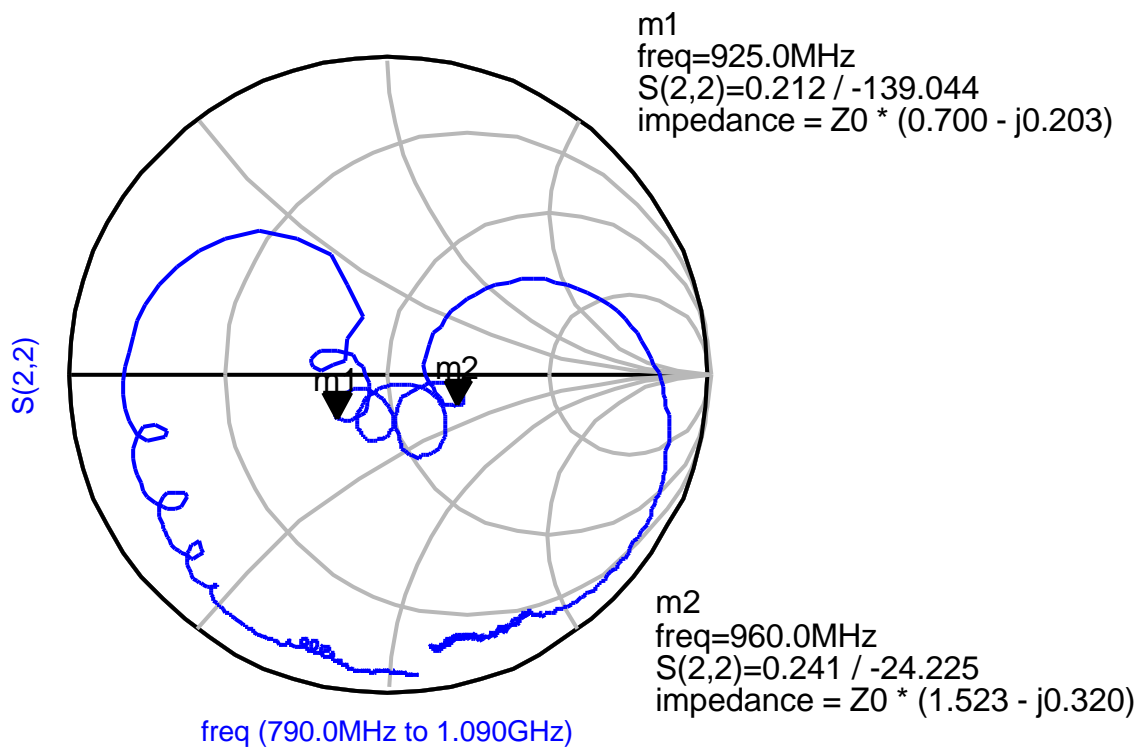


Fig.5 Impedance S22

Customer Name	Standard specification	FUJITSU MEDIA DEVICES LIMITED	
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FMD Part Number	FAR-F5CP-942M50-D22C	Version 1.1	Preliminary

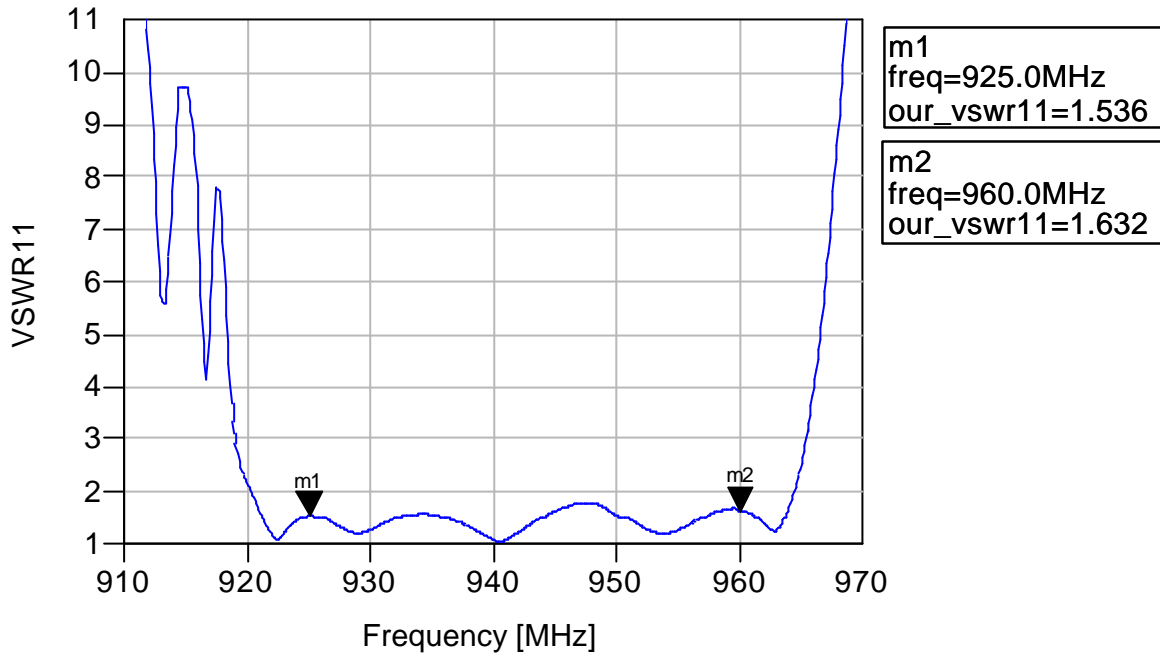


Fig.6 VSWR11

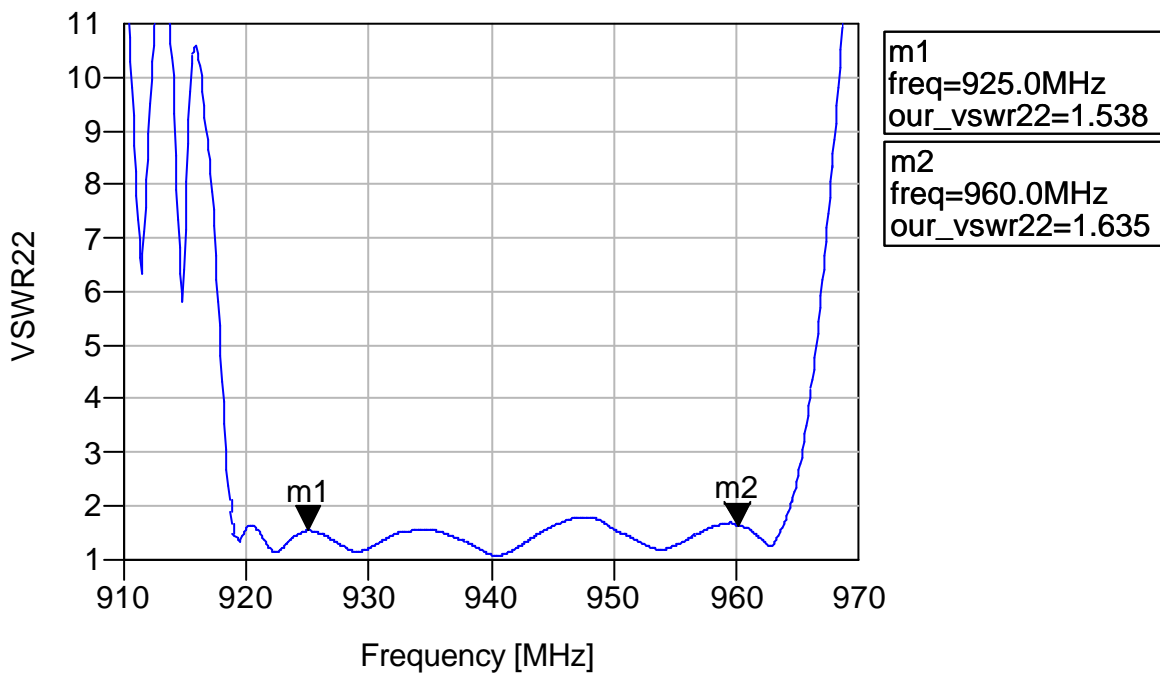


Fig.7 VSWR22