

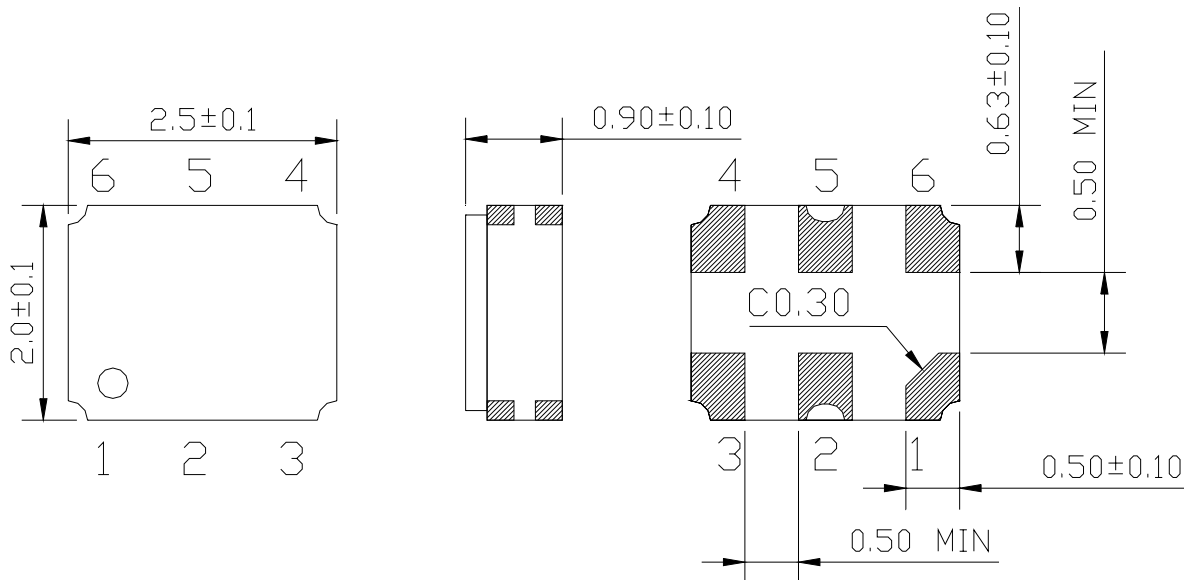
Customer Name	Standard Specification	FUJITSU MEDIA DEVICES LIMITED	
System	DCS-Rx (50/150ohm)	DATE	Mar. 22, 2002
FMD P/N	FAR-F6CQ-1G8425-B26C	Version 1.1	

Table.1 Electrical Specification

Passband : 1805 ~ 1880						
Item	Condition (MHz)	Specification			Unit	Remarks
		Min.	Typ.	Max.		
Insertion Loss	1805 ~ 1880	-	1.9	3.0	dB	+25+/-2 °C
		-	-	3.5	dB	
Ripple	1805 ~ 1880	-	0.7	2.3	dB	
Absolute Attenuation	DC ~ 1300	30	42	-	dB	
	1300 ~ 1705	20	26	-	dB	
	1705 ~ 1785	12	17	-	dB	+25+/-2 °C
		9	-	-	dB	
	1920 ~ 1980	11	13	-	dB	
	1980 ~ 2090	21	27	-	dB	
2090 ~ 6000	20	27	-	dB		
VSWR	1805 ~ 1880	-	2.2	3.0	-	
Input Impedance	Unbalanced	50			ohm	
Output Impedance	Balanced	150 // 15nH			ohm	
Operating Temperature		-30 ~ +85			°C	
Device Size		2.5typ.x2.0typ.x1.0max.			mm	

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● **Dimensions**

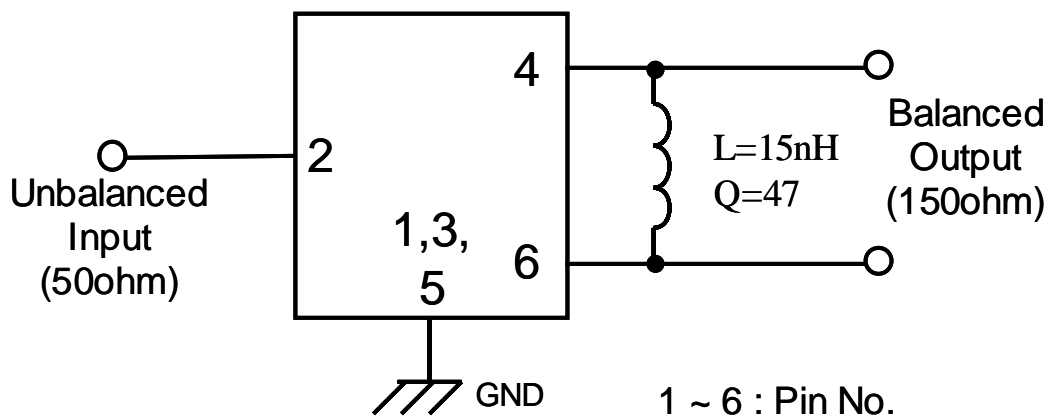


Unit: mm

● **Pin Configuration**

Pin No.	Symbol	Function
1	GND	Ground
2	IN	Unbalanced pin
3	GND	Ground
4	OUT	Balanced pin
5	GND	Ground
6	OUT	Balanced pin

● **Evaluation Circuit**



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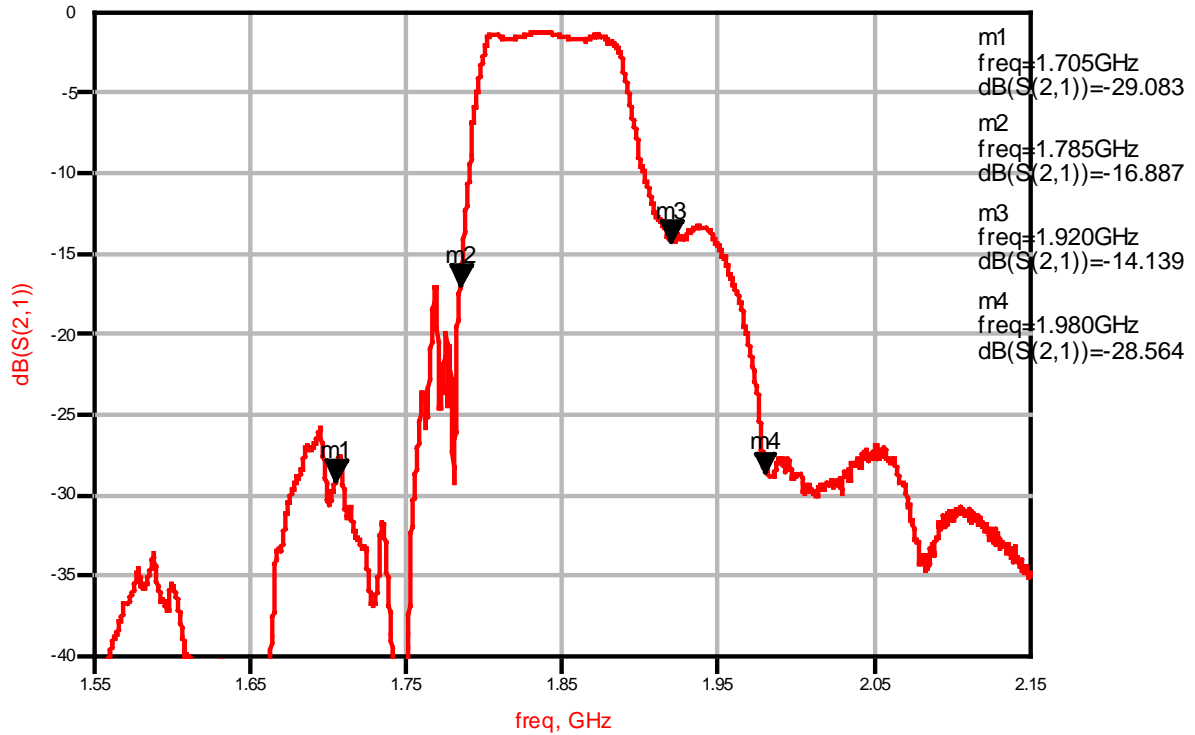


Fig.1 Pass-band Characteristics

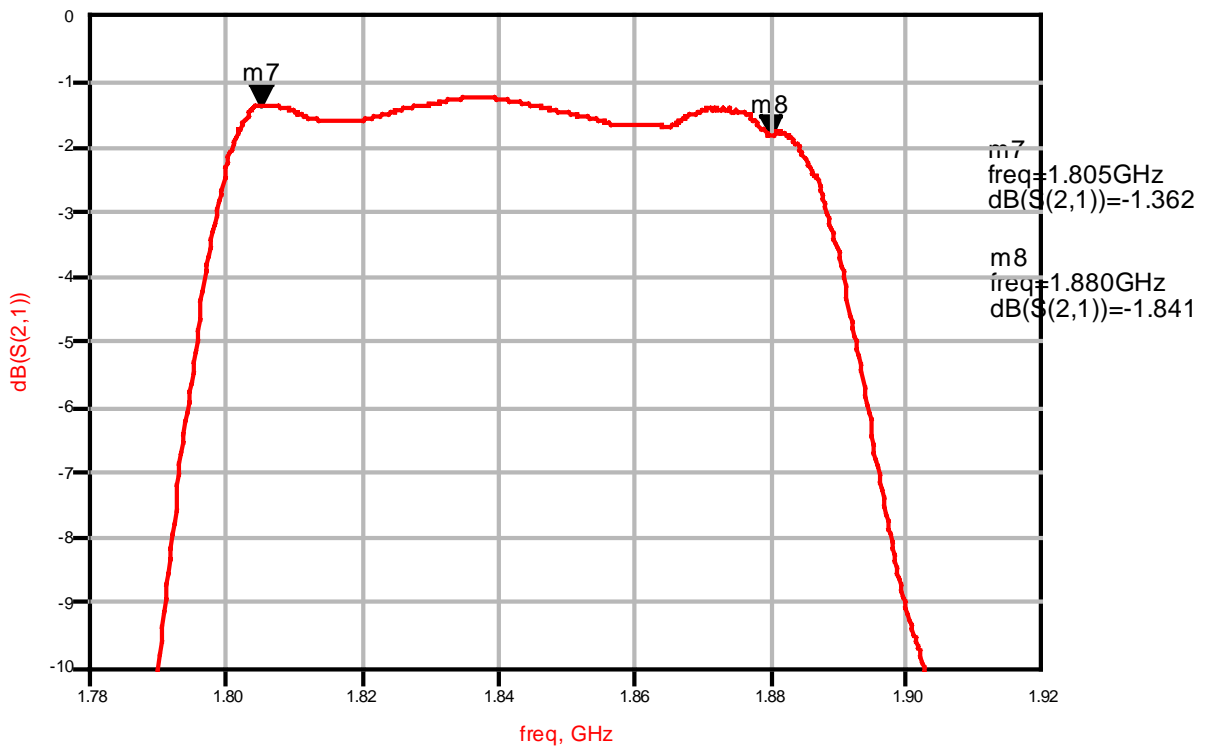


Fig.2 In-band Characteristics

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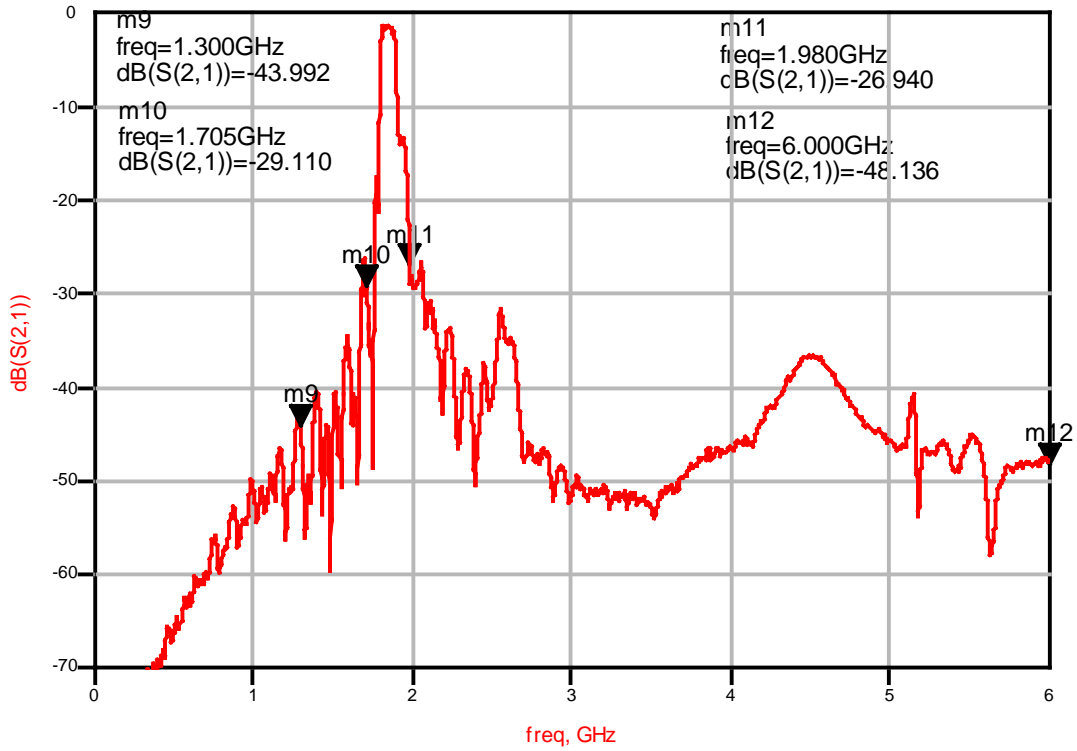


Fig.3 Wide-band Characteristics

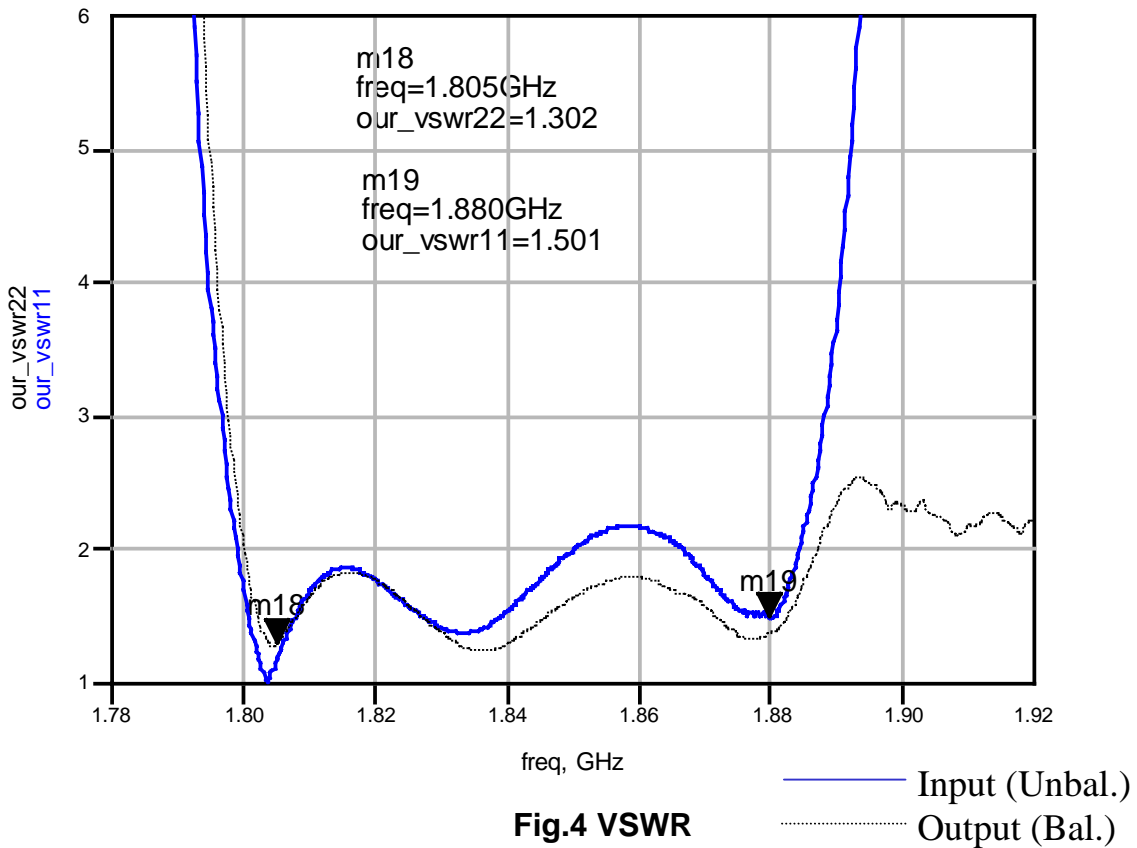


Fig.4 VSWR

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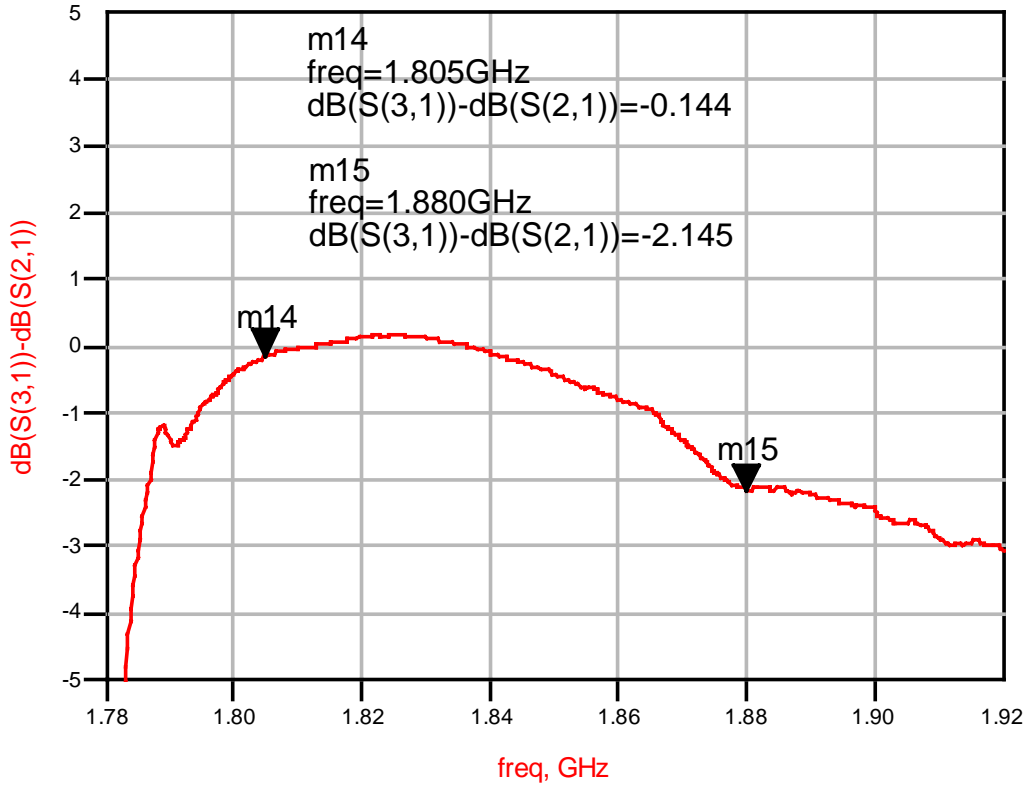


Fig.5 Amplitude Balance

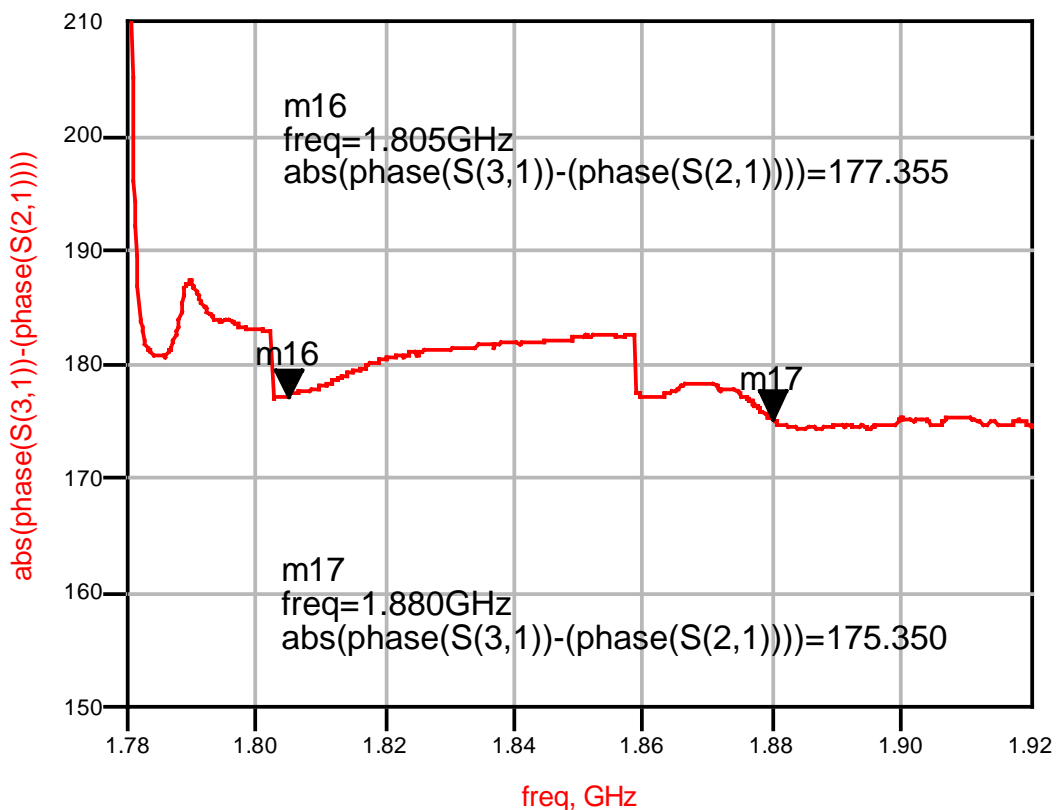


Fig.6 Phase Balance