

Customer Name	Standard Specification	FUJITSU MEDIA DEVICES LIMITED	
System	DCS-Rx (50/200ohm)	DATE	Jan. 30, 2004
FMD P/N	FAR-F6CQ-1G8425-B26DL	Version 3.1	
Customer No.		Reference No.	200300071

Table 1 Electrical Specification

Passband : 1805 ~ 1880 MHz						
Item	Condition (MHz)	Specification			Unit	Remarks
		Min.	Typ.	Max.		
Insertion Loss	1805 ~ 1880	-	2.0	2.8	dB	
Ripple	1805 ~ 1880	-	0.6	1.8	dB	
Absolute attenuation	DC ~ 1300	35	41	-	dB	
	1300 ~ 1705	25	30	-	dB	
	1705 ~ 1785	14	16	-	dB	+25 °C
		11	-	-	dB	
	1920 ~ 1980	11	13	-	dB	
	1980 ~ 2090	20	25	-	dB	
	2090 ~ 2500	28	31	-	dB	
	2500 ~ 4000	24	29	-	dB	
4000 ~ 6000	25	43	-	dB		
VSWR	1805 ~ 1880	-	2.0	2.5	-	
Amplitude balance (S ₂₁ /S ₃₁)	1805~1880	-2.0	-0.9 /+0.8	+2.0	dB	
Phase balance (∠S ₂₁ -∠S ₃₁)+180)	1805~1880	-10	-4/+4	+10	deg.	
Input impedance	Unbalance	50			ohm	
Output impedance	Balanced	200//15nH			ohm	
Operating temperature		-30 ~ +85			°C	
Device Size		2.5typ.x2.0typ.x1.0max.			mm	

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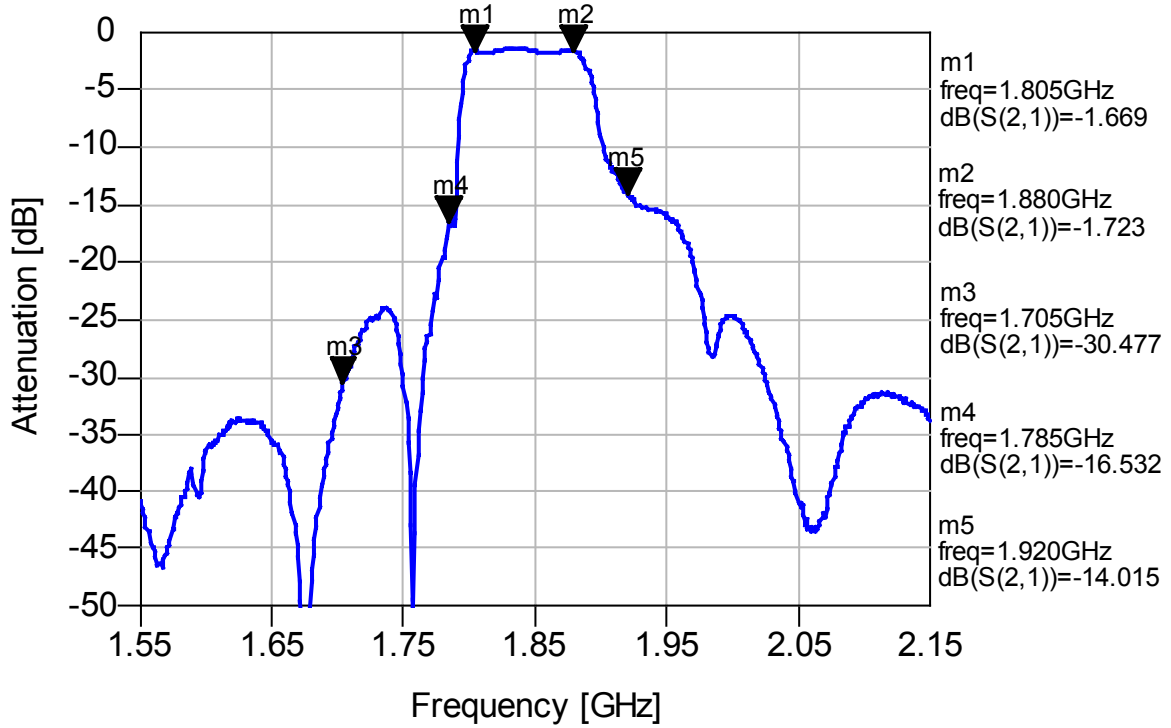


Fig.1 Pass-band Characteristics

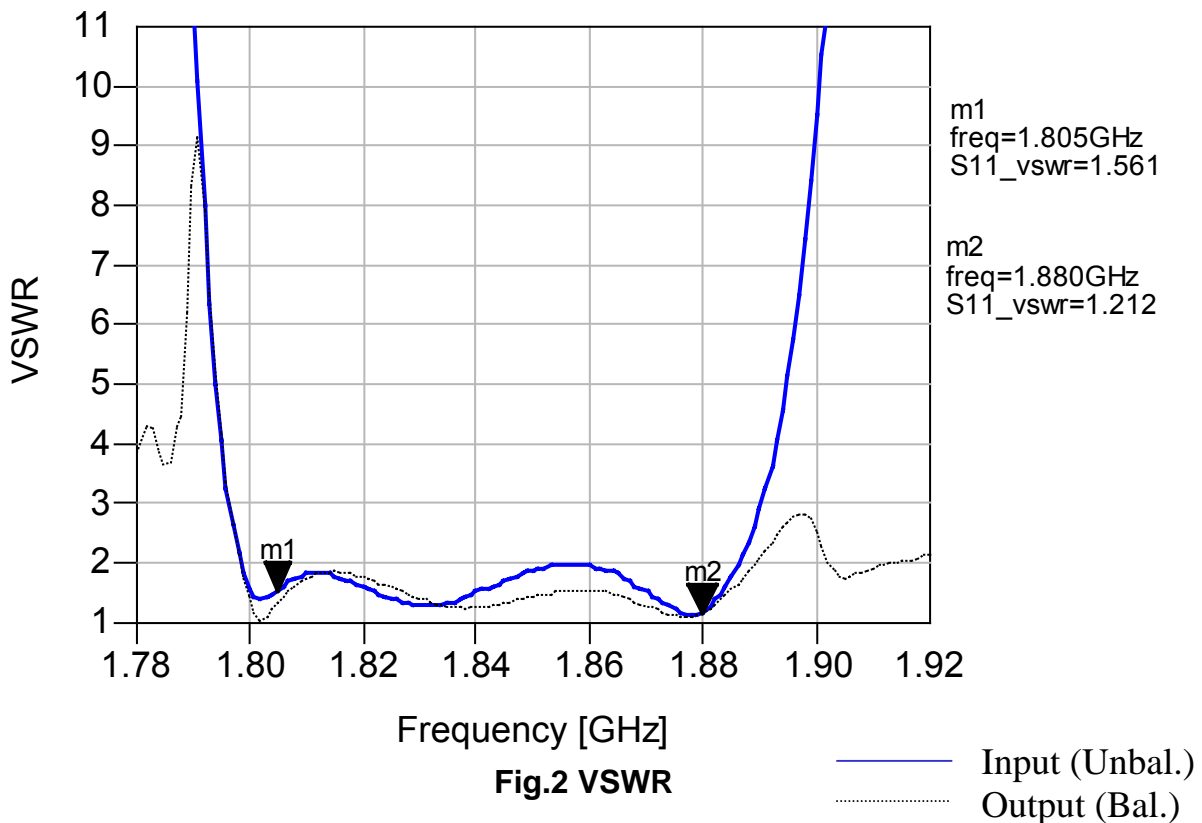


Fig.2 VSWR

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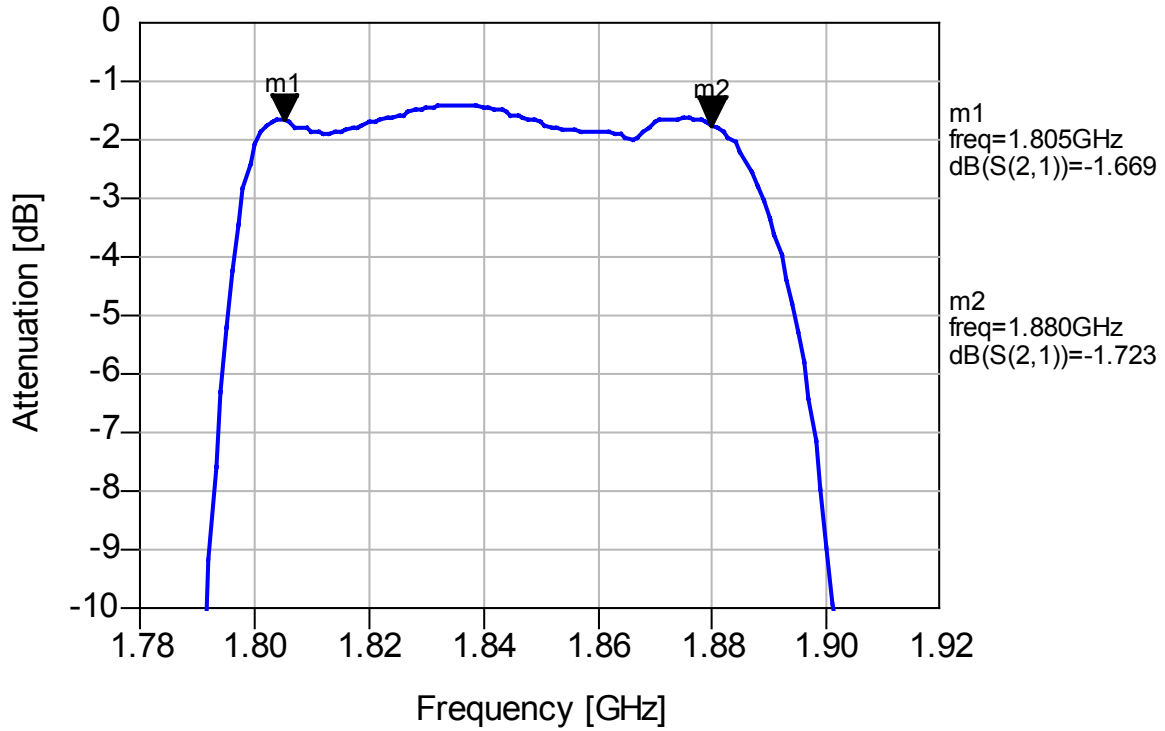


Fig.3 In-band Characteristics

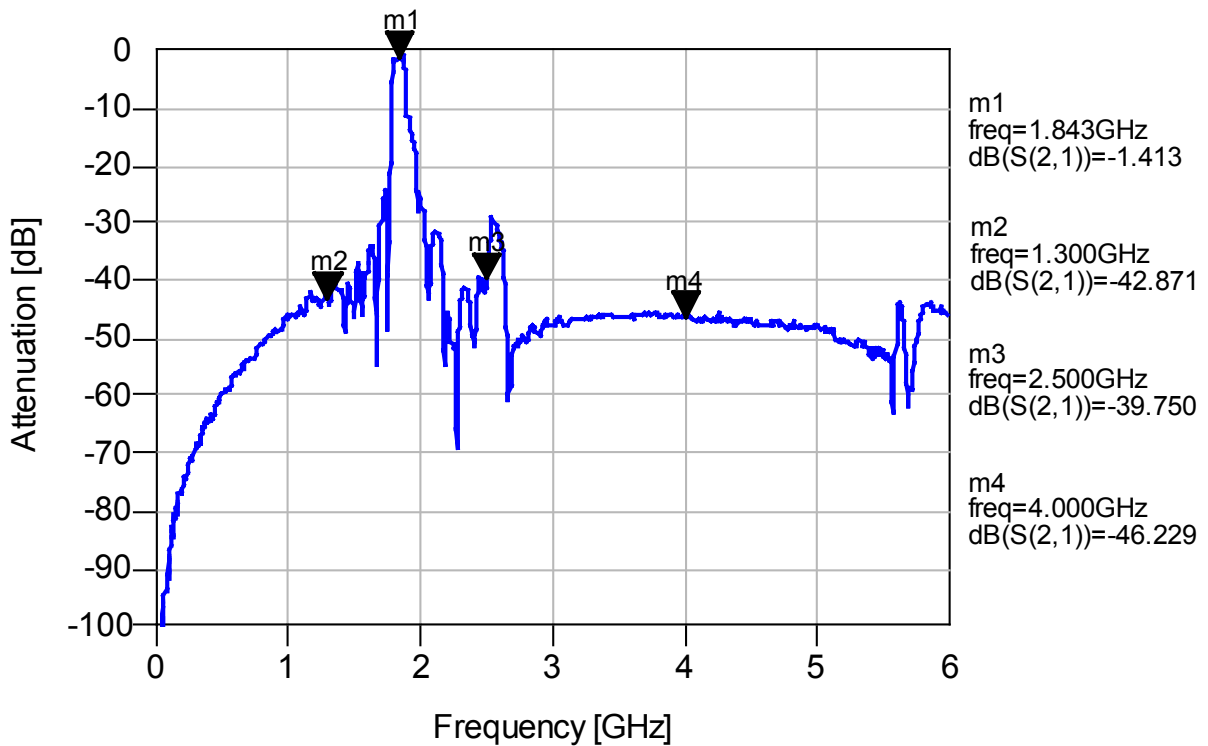


Fig.4 Wide-band Characteristics

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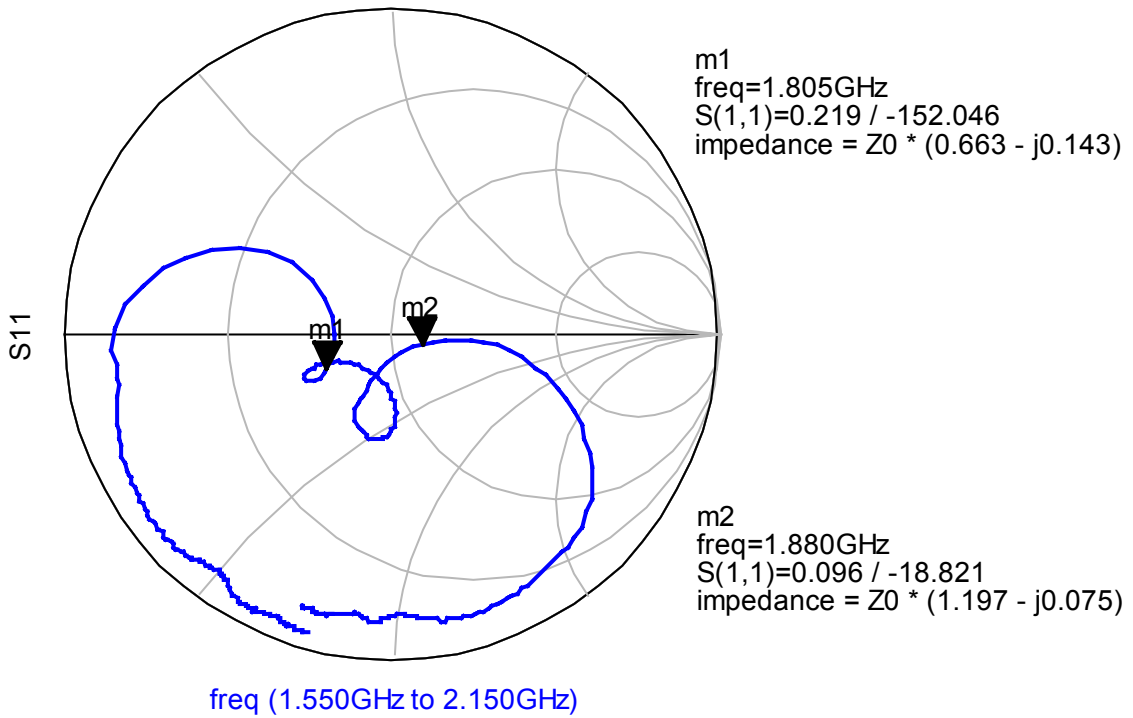


Fig.5 Input Impedance (Unbal.)

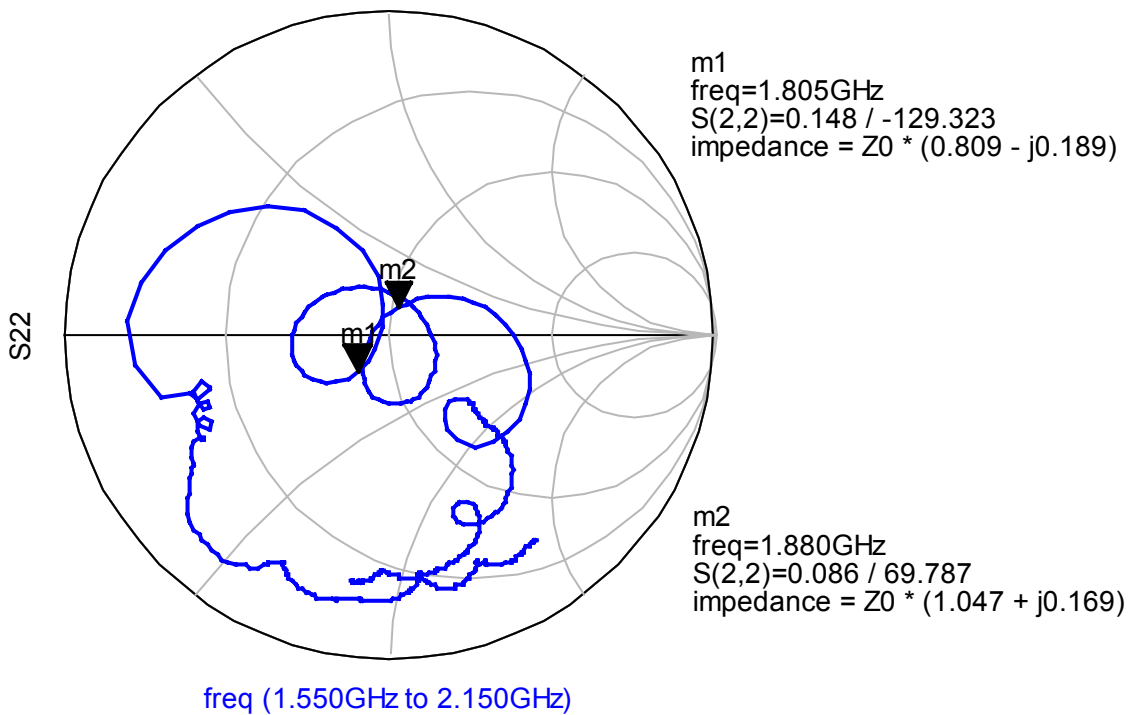


Fig.6 Output Impedance (Bal.)

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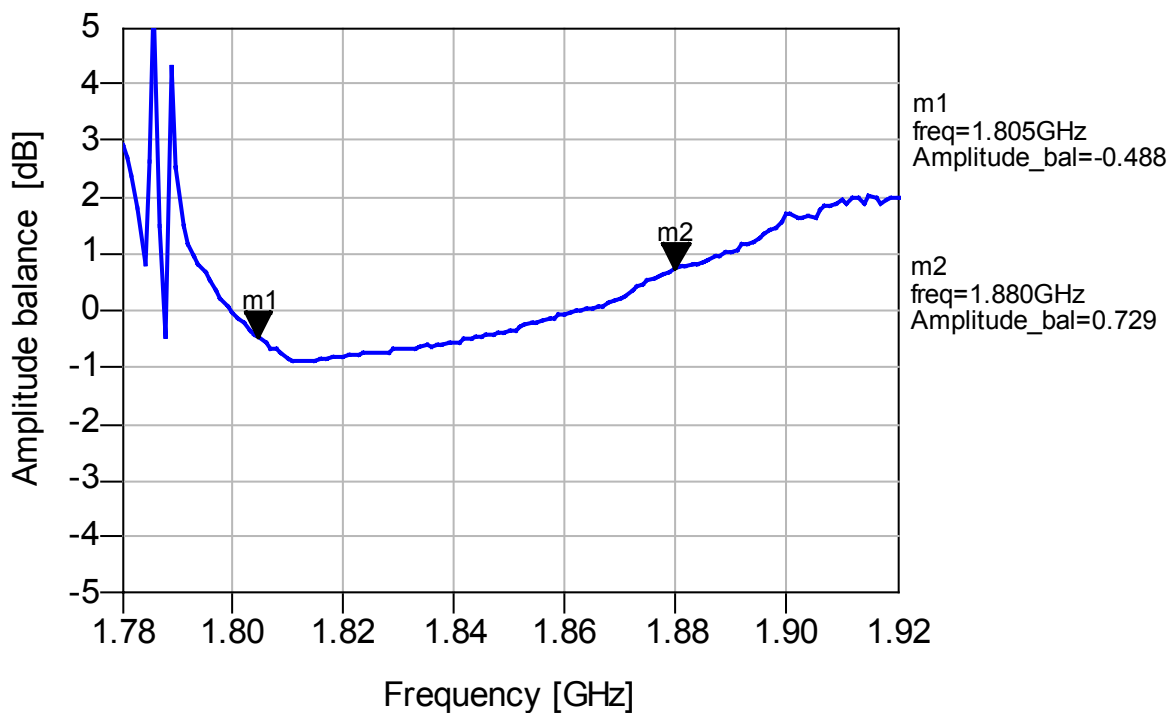


Fig.7 Amplitude Balance

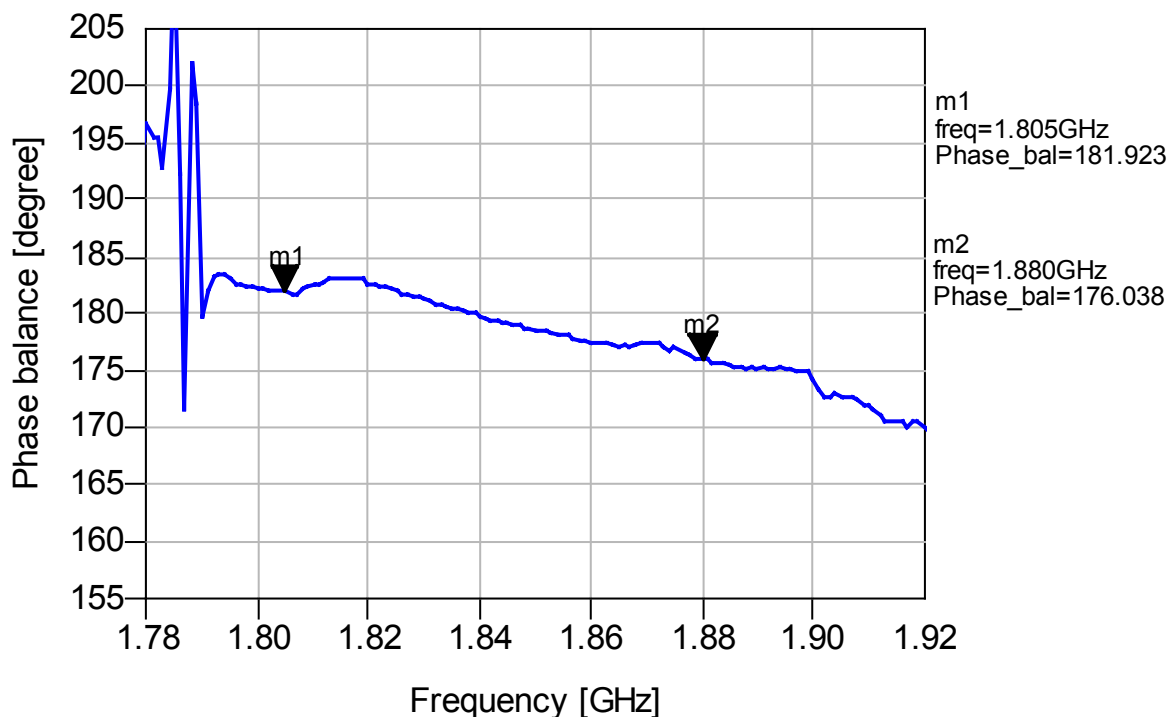


Fig.8 Phase Balance