

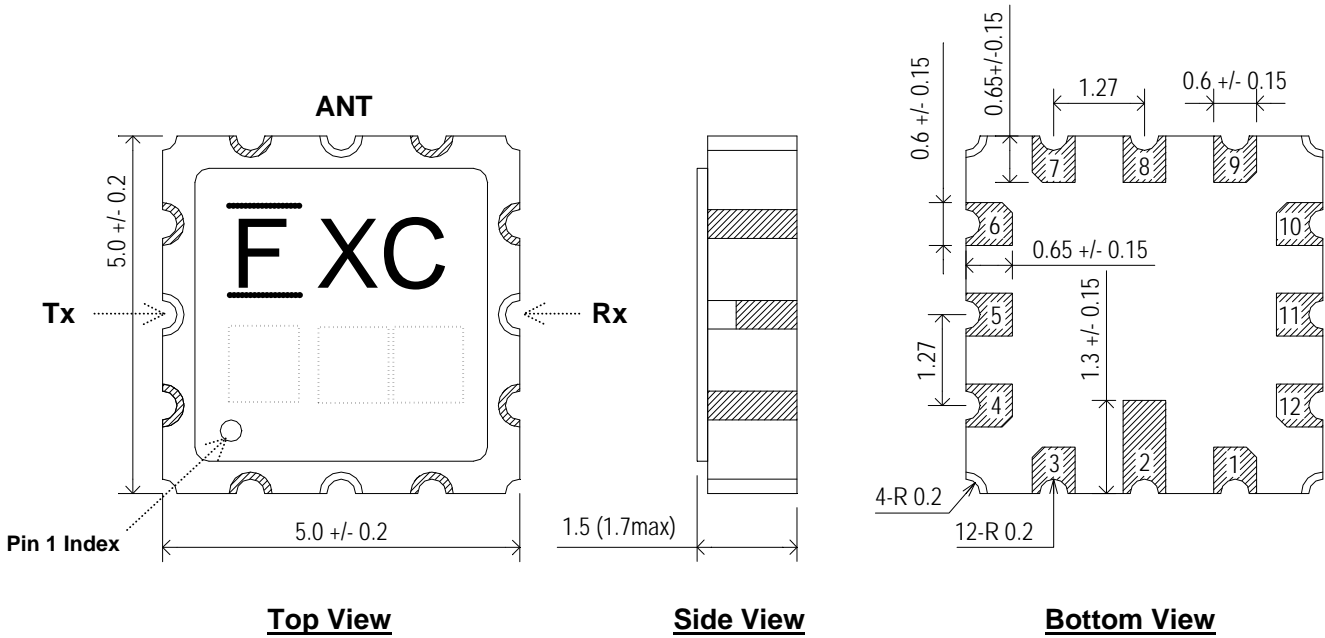
Customer Name	Standard	FUJITSU MEDIA DEVICES LIMITED	
System	PCS SAW Duplexer	DATE	Jan. 18, 2005
FMD P/N	FAR-D6CZ-1G9600-D1XC	Version 2.0b	

Table 1 Electrical Specification

Item	Condition	Specification			Unit	Remarks
		Min.	Typ.	Max		
Tx to Ant						
Insertion Loss	1850.6~1909.4 MHz	-	2.2	3.5	dB	
Ripple	1850.6~1909.4 MHz	-	1.0	2.5	dB	
VSWR (Tx port)	1850.6~1909.4 MHz	-	1.5	2.0	-	
Input Power	1850.6~1909.4 MHz	29dBm(0.8W) >50000h CW tone (Ta=+50 °C)			dBm	
Absolute Attenuation	1930.6~1989.4 MHz	40	44	-	dB	
		42	-	-	dB	-20~+85 °C
Ant to Rx						
Insertion Loss	1930.6~1989.4 MHz	-	3.0	4.0	dB	
		-	-	3.5	dB	+25~+85 °C
Ripple	1930.6~1989.4 MHz	-	1.1	2.3	dB	
VSWR (Rx port)	1930.6~1989.4 MHz	-	2.0	2.3	-	
VSWR (Ant port)	1930.6~1989.4 MHz	-	1.7	2.1	-	
Absolute Attenuation	1850.6~1909.4 MHz	47	54	-	dB	
		50	-	-	dB	-10~+70 °C
Tx to Rx						
Isolation	1850.6~1909.4 MHz	52	57	-	dB	
	1930.6~1989.4 MHz	42	48	-	dB	
		45	-	-	dB	-20~+85 °C
Operation temperature		-30 ~ +85			°C	
Storage temperature		-40 ~ +100			°C	

* Specification of insertion loss excludes loss that comes from the test board (approximately 0.2dB).

Customer Name	Standard	FUJITSU MEDIA DEVICES LIMITED	
System	PCS SAW Duplexer	DATE	Jan. 18, 2005
FMD P/N	FAR-D6CZ-1G9600-D1XC	Version 2.0b	



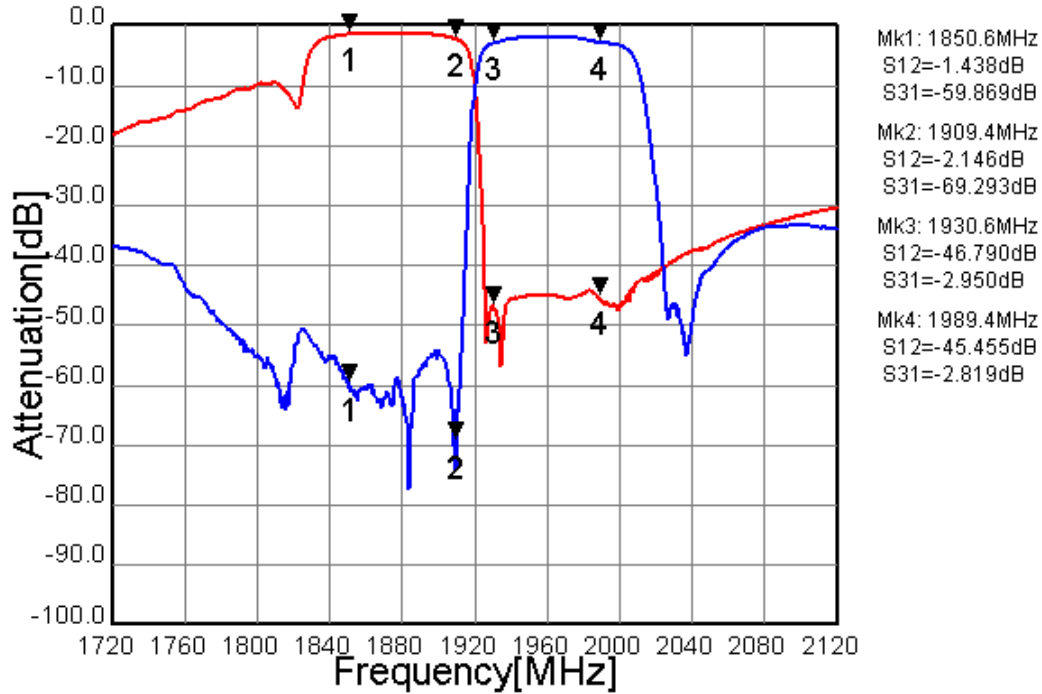
Unit : mm

Pin No.	Pin name	Description
1	GND	Ground Pin
2	GND	Ground Pin
3	GND	Ground Pin
4	GND	Ground Pin
5	Rx	Receiver Pin
6	GND	Ground Pin
7	GND	Ground Pin
8	ANT	Antenna Pin
9	GND	Ground Pin
10	GND	Ground Pin
11	Tx	Transmitter Pin
12	GND	Ground Pin

Figure 1 Dimensions and Pin assignment

Customer Name	Standard	FUJITSU MEDIA DEVICES LIMITED	
System	PCS SAW Duplexer	DATE	Jan. 18, 2005
FMD P/N	FAR-D6CZ-1G9600-D1XC	Version 2.0b	

Tx to Ant, Ant to Rx



Tx to Rx Isolation

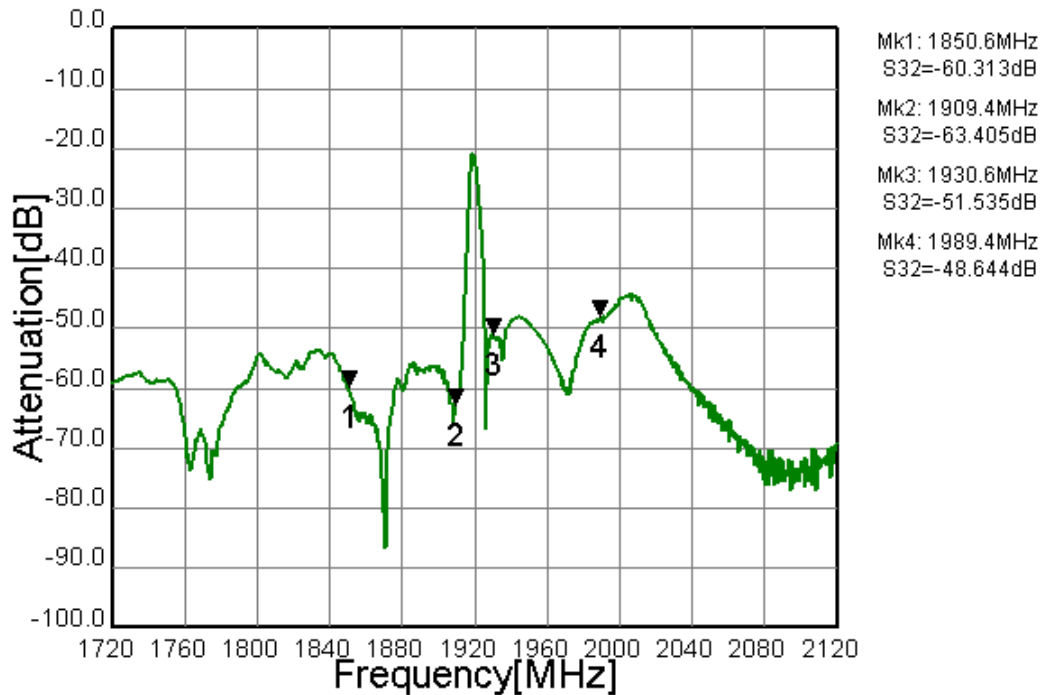


Figure 3-1 Electrical Characteristics

Customer Name	Standard	FUJITSU MEDIA DEVICES LIMITED	
System	PCS SAW Duplexer	DATE	Jan. 18, 2005
FMD P/N	FAR-D6CZ-1G9600-D1XC	Version 2.0b	

Tx Port

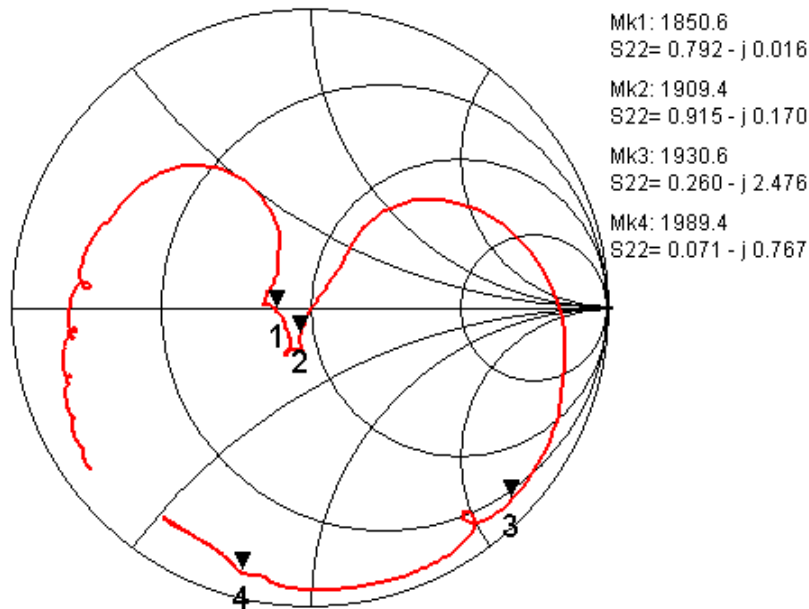
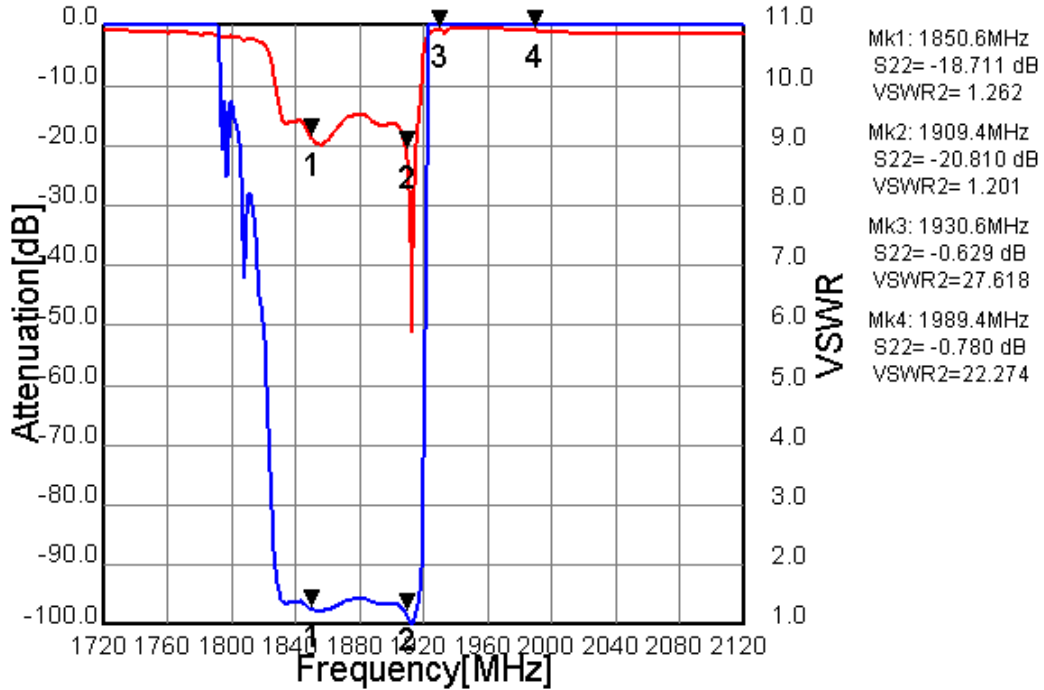


Figure 3-2 Electrical Characteristics

Customer Name	Standard	FUJITSU MEDIA DEVICES LIMITED	
System	PCS SAW Duplexer	DATE	Jan. 18, 2005
FMD P/N	FAR-D6CZ-1G9600-D1XC	Version 2.0b	

Rx Port

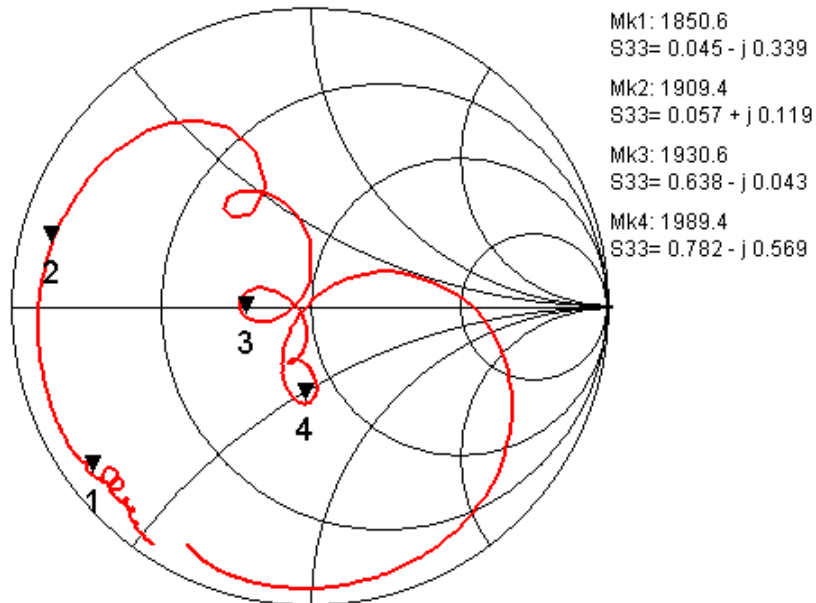
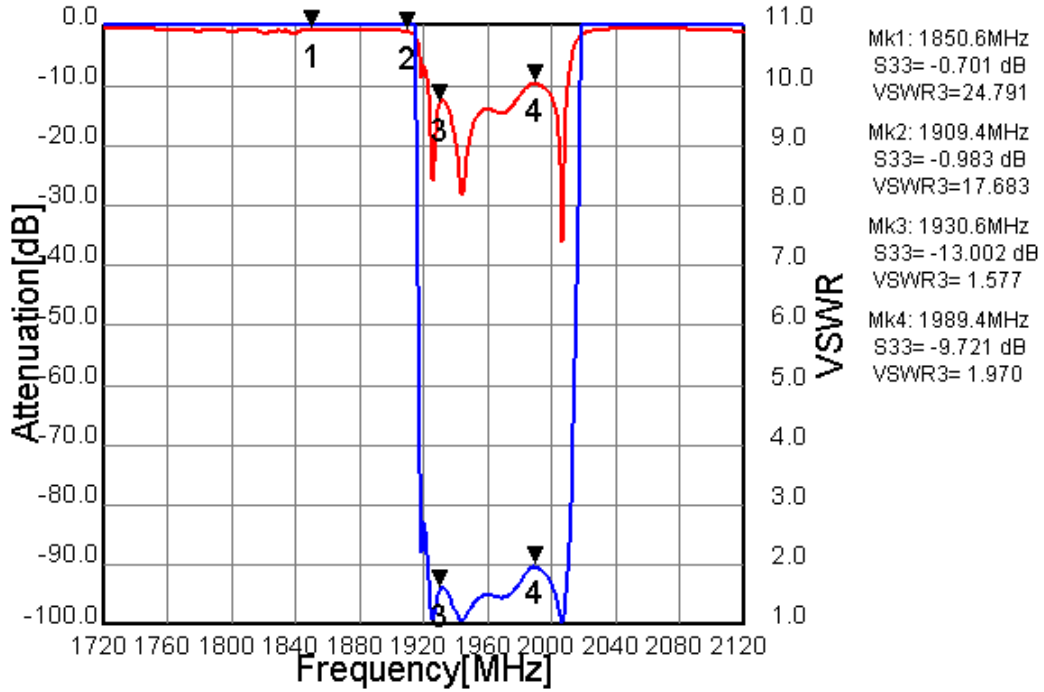


Figure 3-3 Electrical Characteristics

Customer Name	Standard	FUJITSU MEDIA DEVICES LIMITED	
System	PCS SAW Duplexer	DATE	Jan. 18, 2005
FMD P/N	FAR-D6CZ-1G9600-D1XC	Version 2.0b	

Ant Port

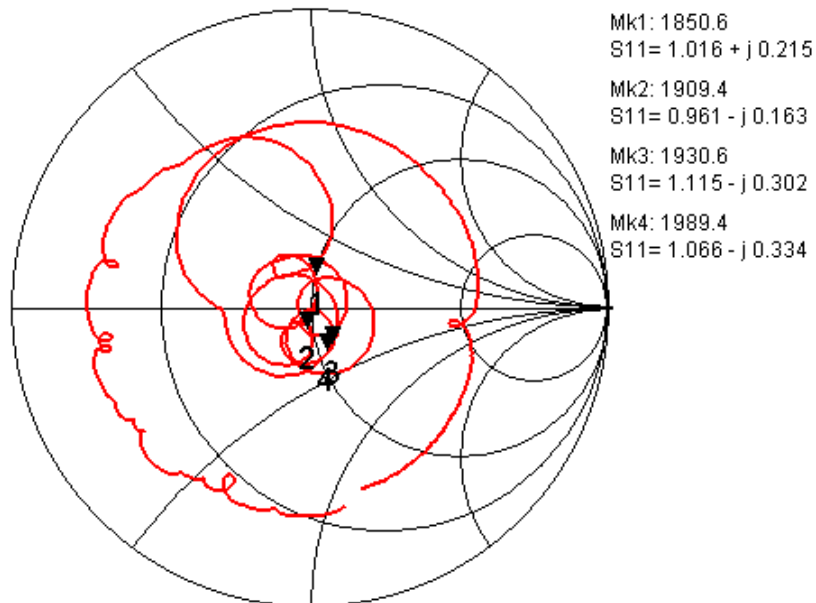
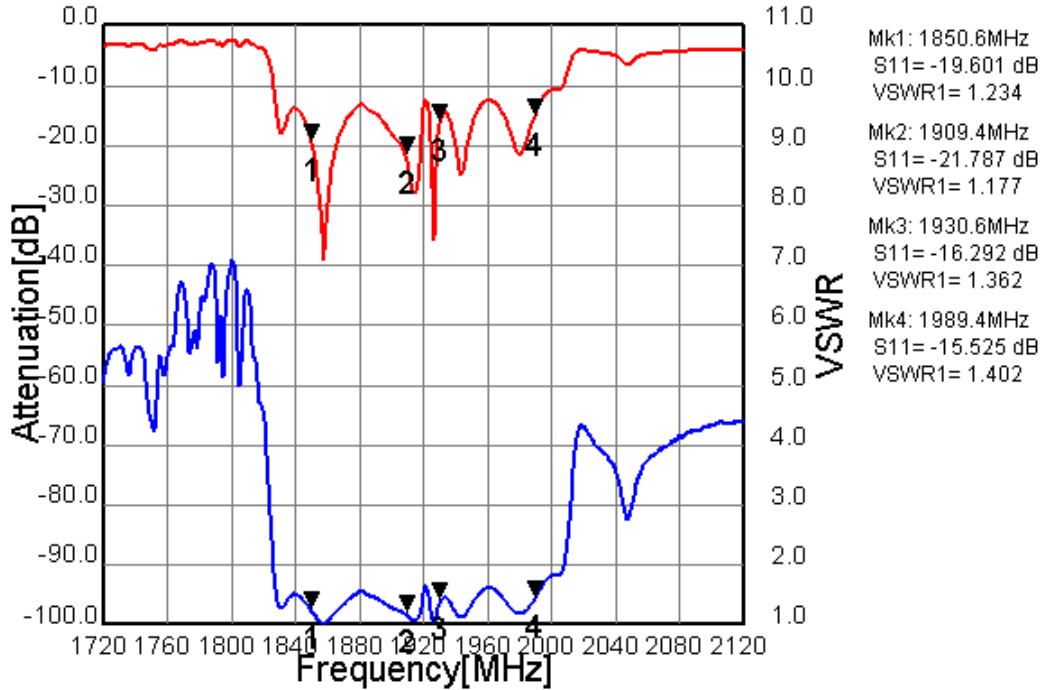


Figure 3-4 Electrical Characteristics