

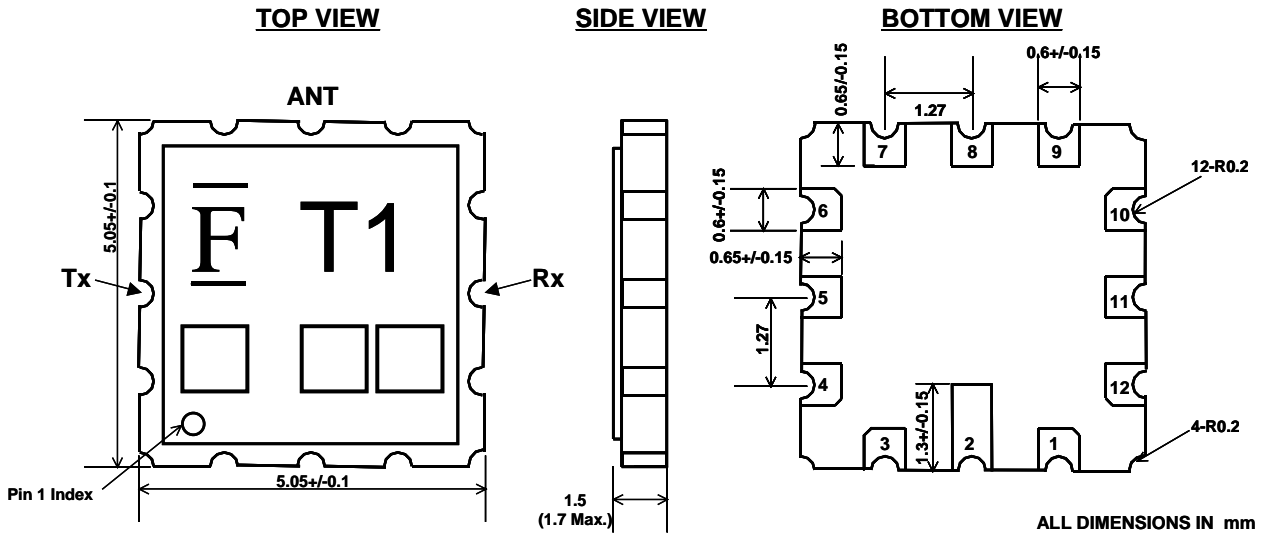
Customer Name	Standard	FUJITSU MEDIA DEVICES LIMITED	
System	Korean PCS SAW Duplexer	DATE	Feb. 12, 2003
FMD P/N	FAR-D6CZ-1G8550-D1T1	Version 5.0e	

Table 1 Electrical Specification

Item	Condition	Specification			Unit	Remarks
		Min.	Typ.	Max.		
Tx to Ant						
Insertion Loss	1750 ~ 1780 MHz	-	1.7	2.5	dB	
Ripple	1750 ~ 1780 MHz	-	0.6	1.6	dB	
VSWR (Tx port)	1750 ~ 1780 MHz	-	1.7	2.4	-	
Input Power	1750 ~ 1780 MHz	29dBm(0.8W) >50000h CW tone (Ta=+50 °C)			dBm	
Absolute Attenuation	1840 ~ 1870 MHz	41	44	-	dB	
	3500 ~ 3560 MHz	3	10	-	dB	
Ant to Rx						
Insertion Loss	1840 ~ 1870 MHz	-	2.3	3.3	dB	
Ripple	1840 ~ 1870 MHz	-	0.5	1.3	dB	
VSWR (Rx port)	1840 ~ 1870 MHz	-	1.7	2.4	-	
VSWR (Ant port)	1840 ~ 1870 MHz	-	1.8	2.4	-	
Absolute Attenuation	1750 ~ 1780 MHz	50	55	-	dB	
	3680 ~ 3740 MHz	30	48		dB	
Tx to Rx						
Isolation	1750 ~ 1780 MHz	52	55	-	dB	
	1840 ~ 1870 MHz	44	47	-	dB	
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	Korean PCS SAW Duplexer	DATE	Feb. 12, 2003
FMD P/N	FAR-D6CZ-1G8550-D1T1	Version 5.0e	

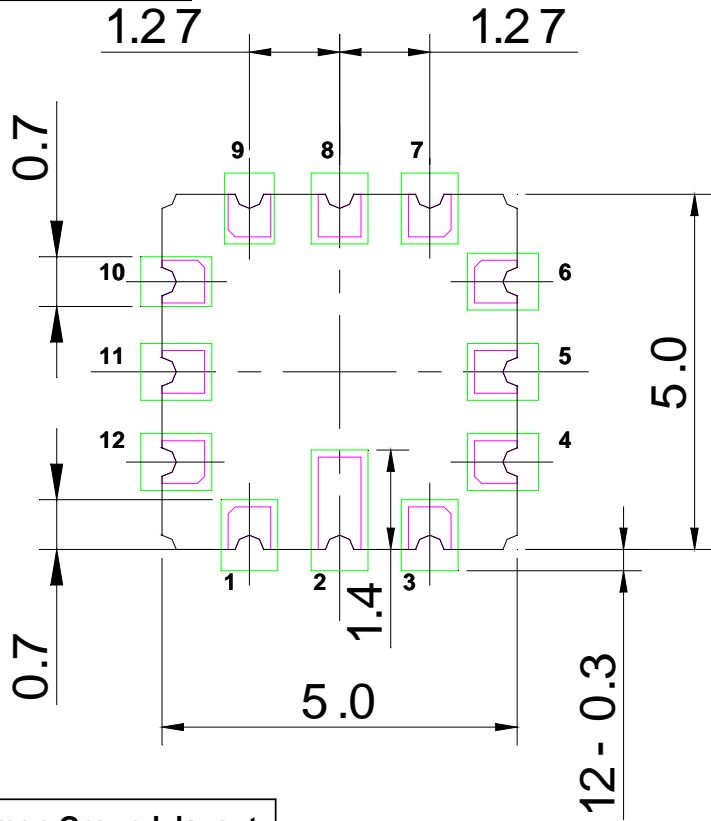


Pin No.	Pin name	Description
1	GND	Ground Pin
2	GND	Ground Pin
3	GND	Ground Pin
4	GND	Ground Pin
5	Rx	Receiver Pin
6	GND	Ground Pin
7	GND	Ground Pin
8	ANT	Antenna Pin
9	GND	Ground Pin
10	GND	Ground Pin
11	Tx	Transmitter Pin
12	GND	Ground Pin

Figure 1 Dimensions and Pin assignment

Customer Name	Standard	FUJITSU MEDIA DEVICES LIMITED	
System	Korean PCS SAW Duplexer	DATE	Feb. 12, 2003
FMD P/N	FAR-D6CZ-1G8550-D1T1	Version 5.0e	

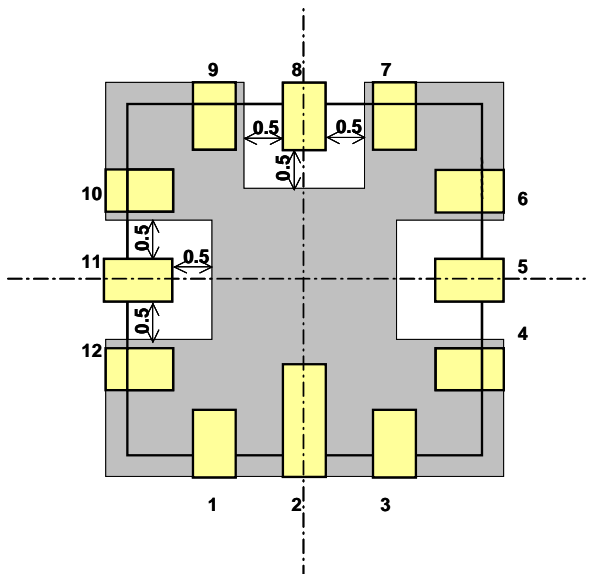
Isolated pad layout



Version 1.1

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

Common Ground layout

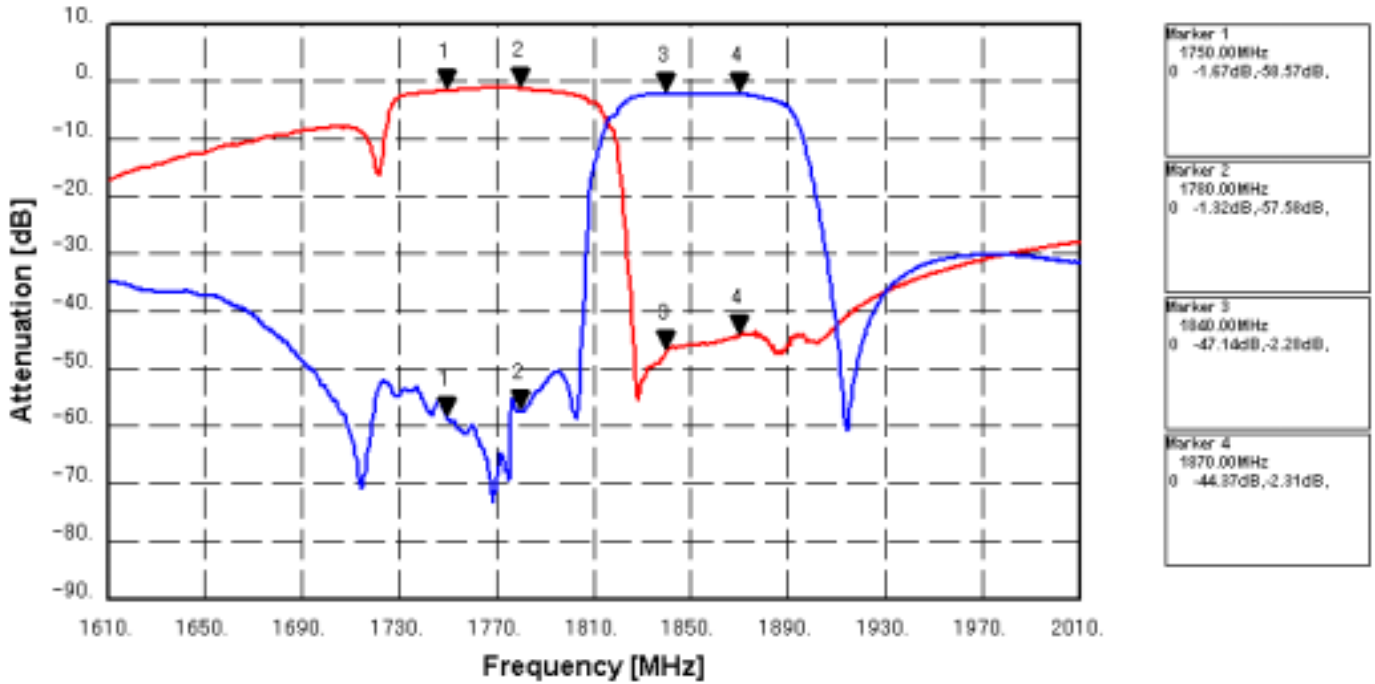


All Dimension in mm

Figure 2 Recommended foot print pattern

Customer Name	Standard	FUJITSU MEDIA DEVICES LIMITED	
System	Korean PCS SAW Duplexer	DATE	Feb. 12, 2003
FMD P/N	FAR-D6CZ-1G8550-D1T1	Version 5.0e	

Tx to Ant, Ant to Rx



Tx to Rx Isolation

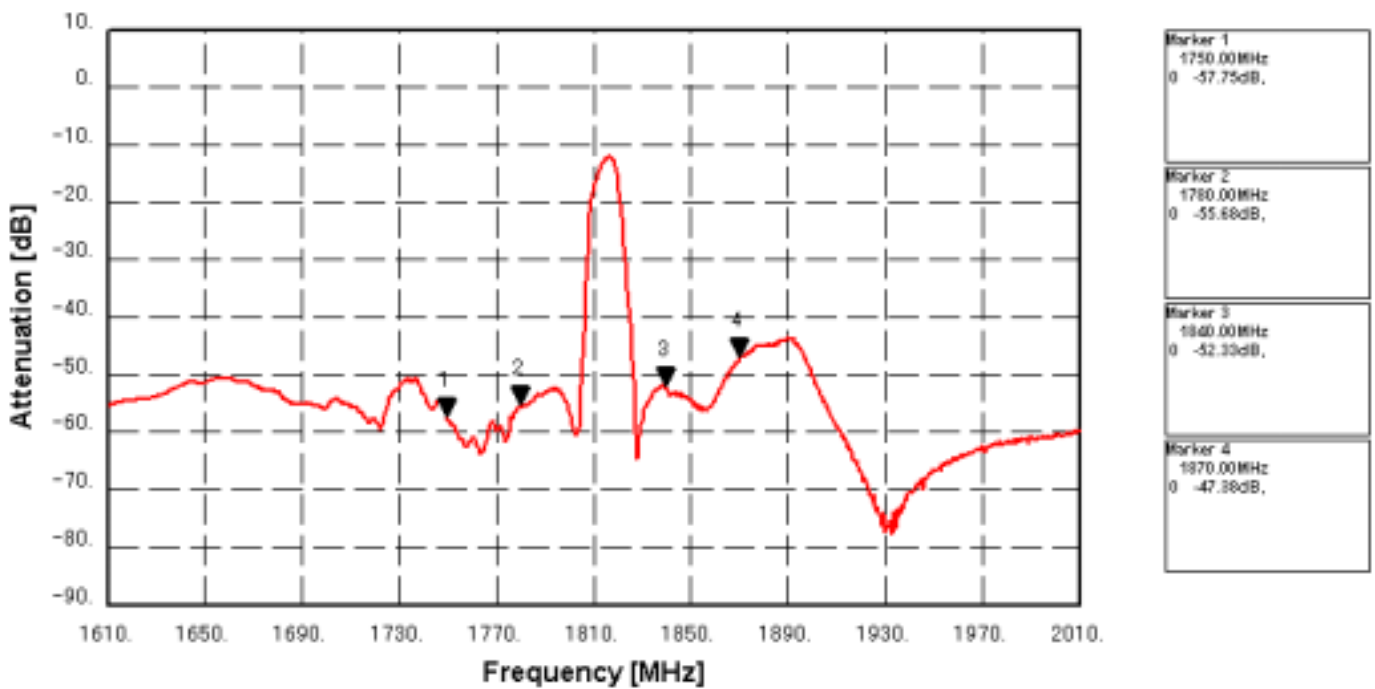


Figure 3-1 Electrical Characteristics

Customer Name	Standard	FUJITSU MEDIA DEVICES LIMITED	
System	Korean PCS SAW Duplexer	DATE	Feb. 12, 2003
FMD P/N	FAR-D6CZ-1G8550-D1T1	Version 5.0e	

Tx Port

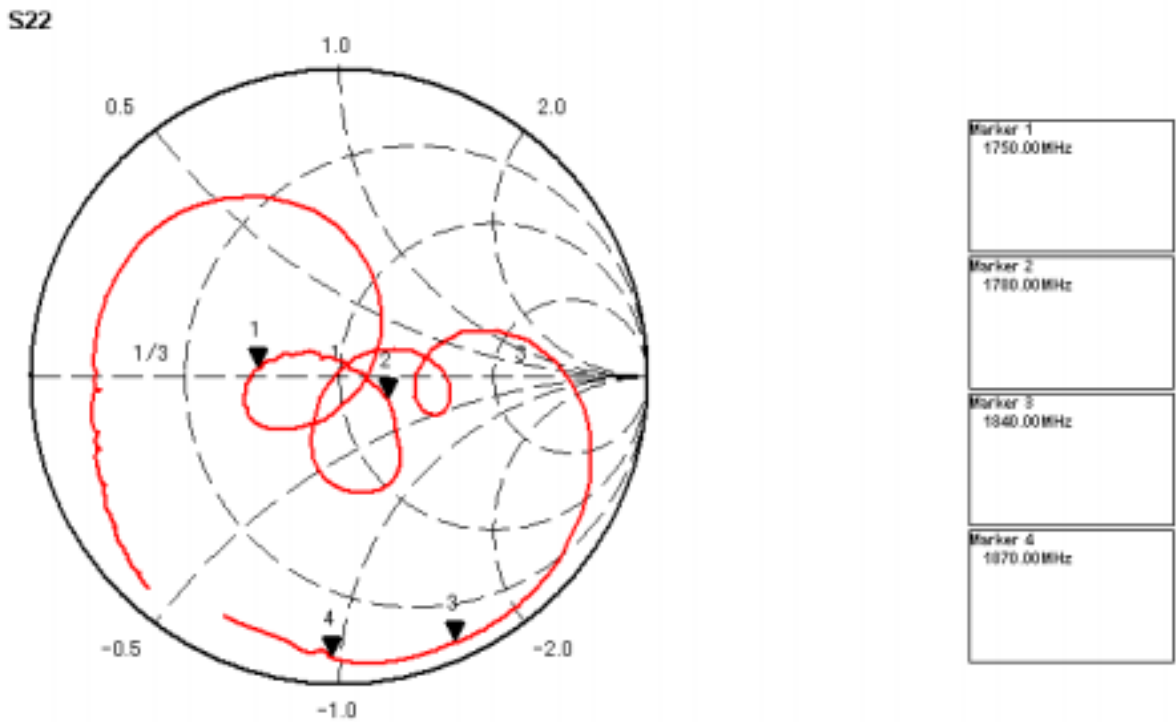
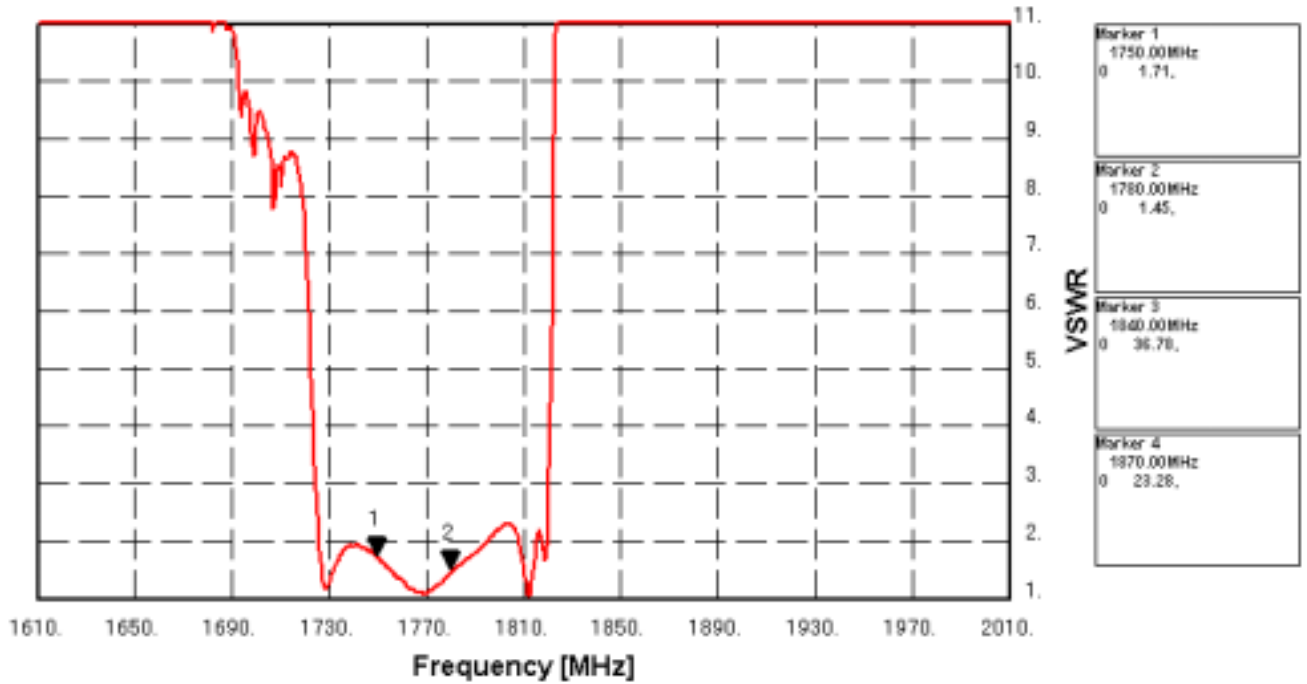


Figure 3-2 Electrical Characteristics

Customer Name	Standard	FUJITSU MEDIA DEVICES LIMITED	
System	Korean PCS SAW Duplexer	DATE	Feb. 12, 2003
FMD P/N	FAR-D6CZ-1G8550-D1T1	Version 5.0e	

Rx Port

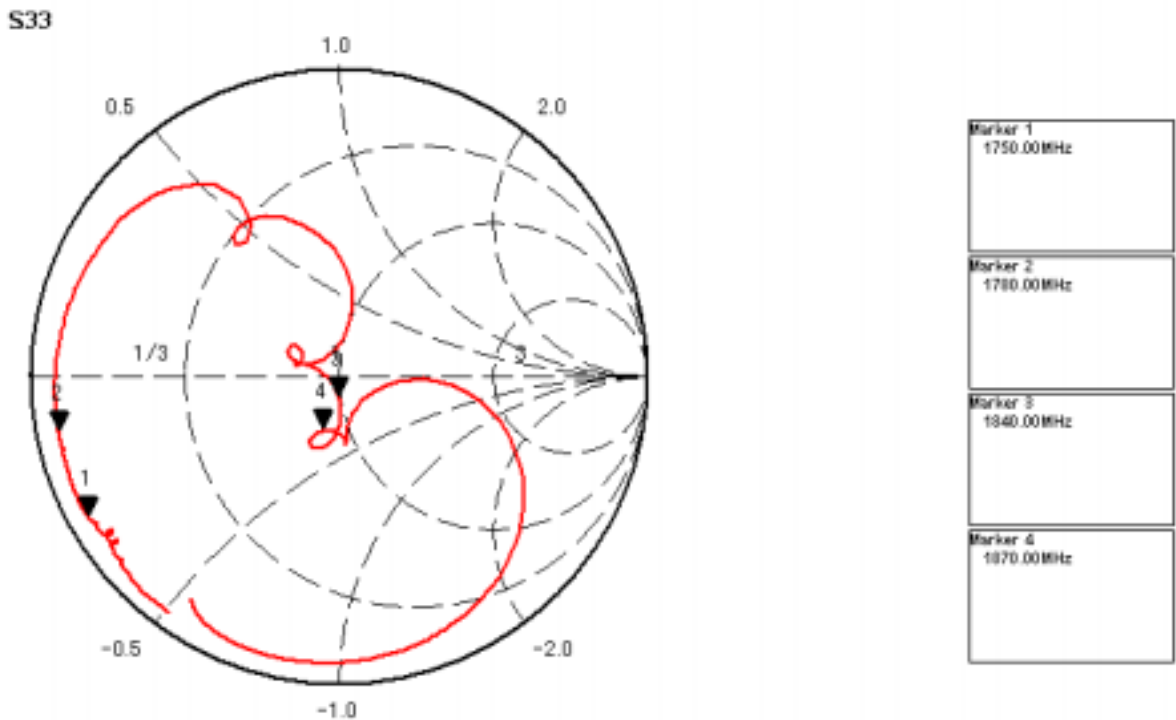
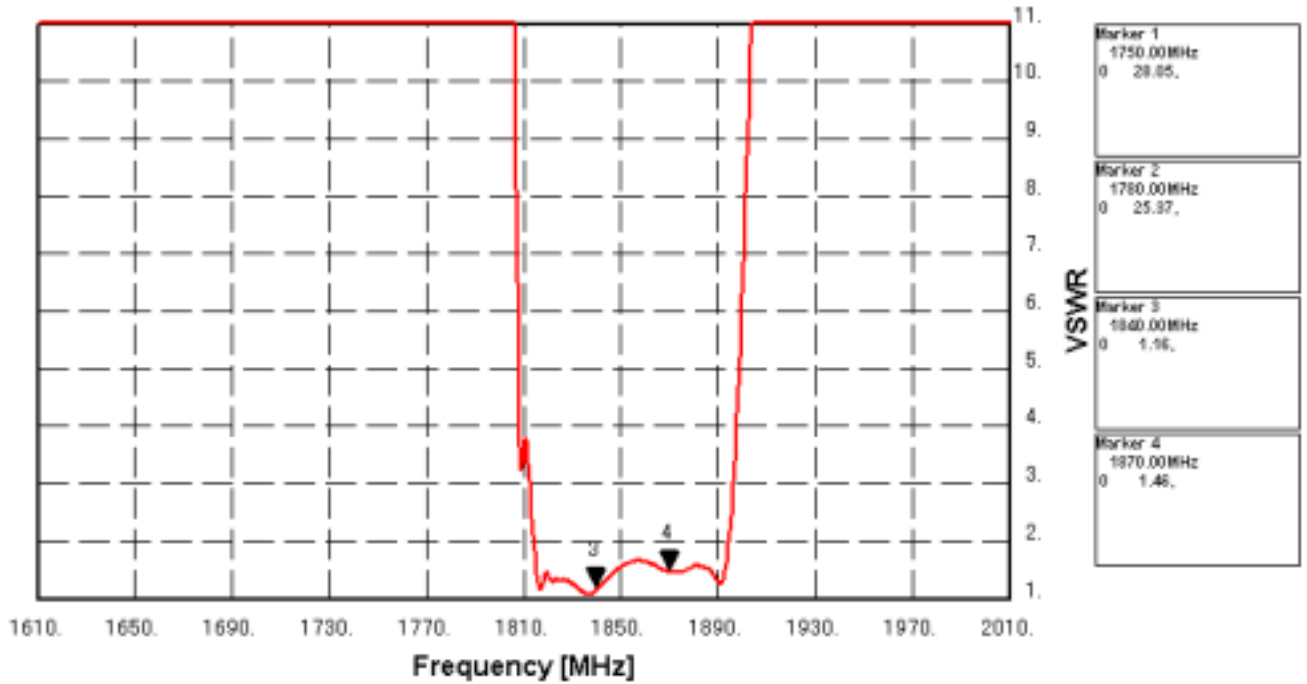


Figure 3-3 Electrical Characteristics

Customer Name	Standard	FUJITSU MEDIA DEVICES LIMITED	
System	Korean PCS SAW Duplexer	DATE	Feb. 12, 2003
FMD P/N	FAR-D6CZ-1G8550-D1T1	Version 5.0e	

Ant Port

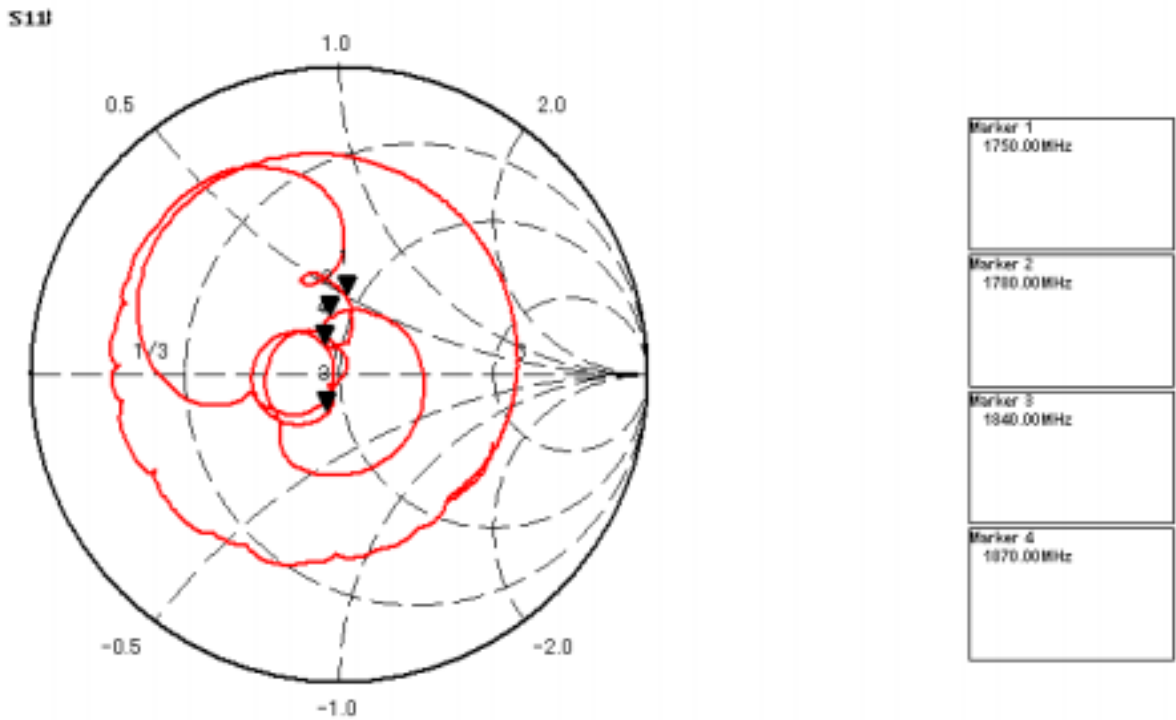
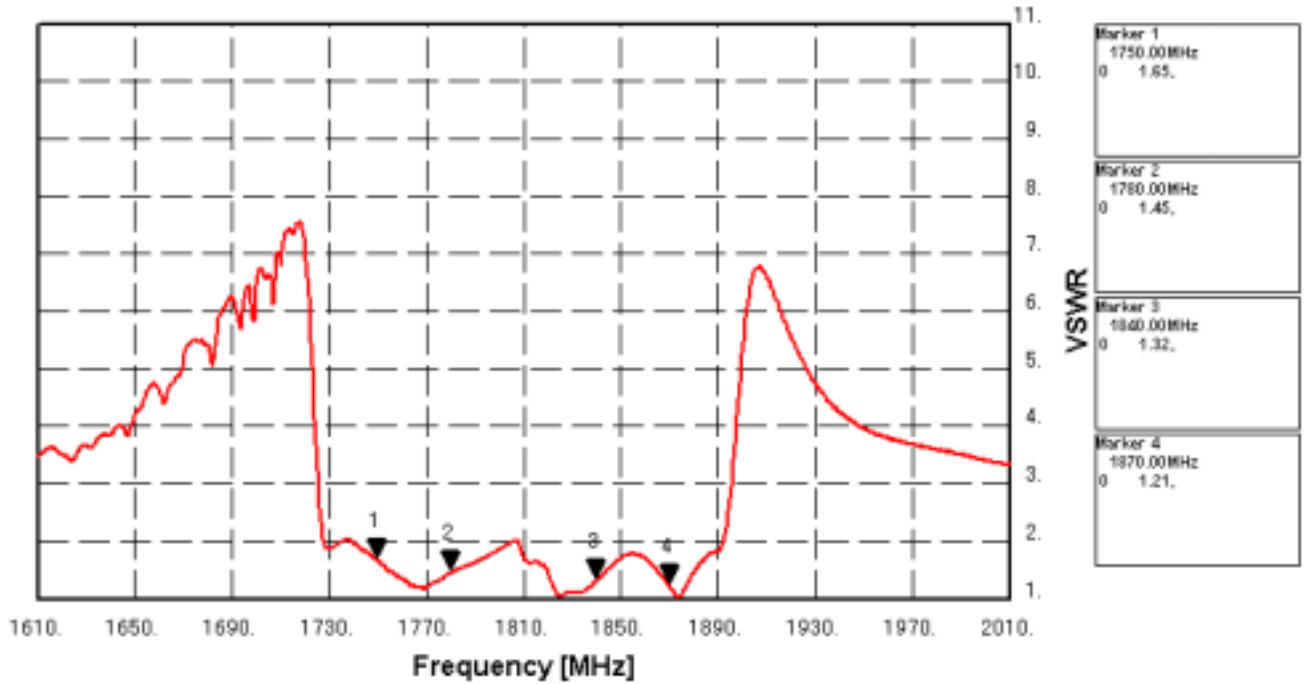
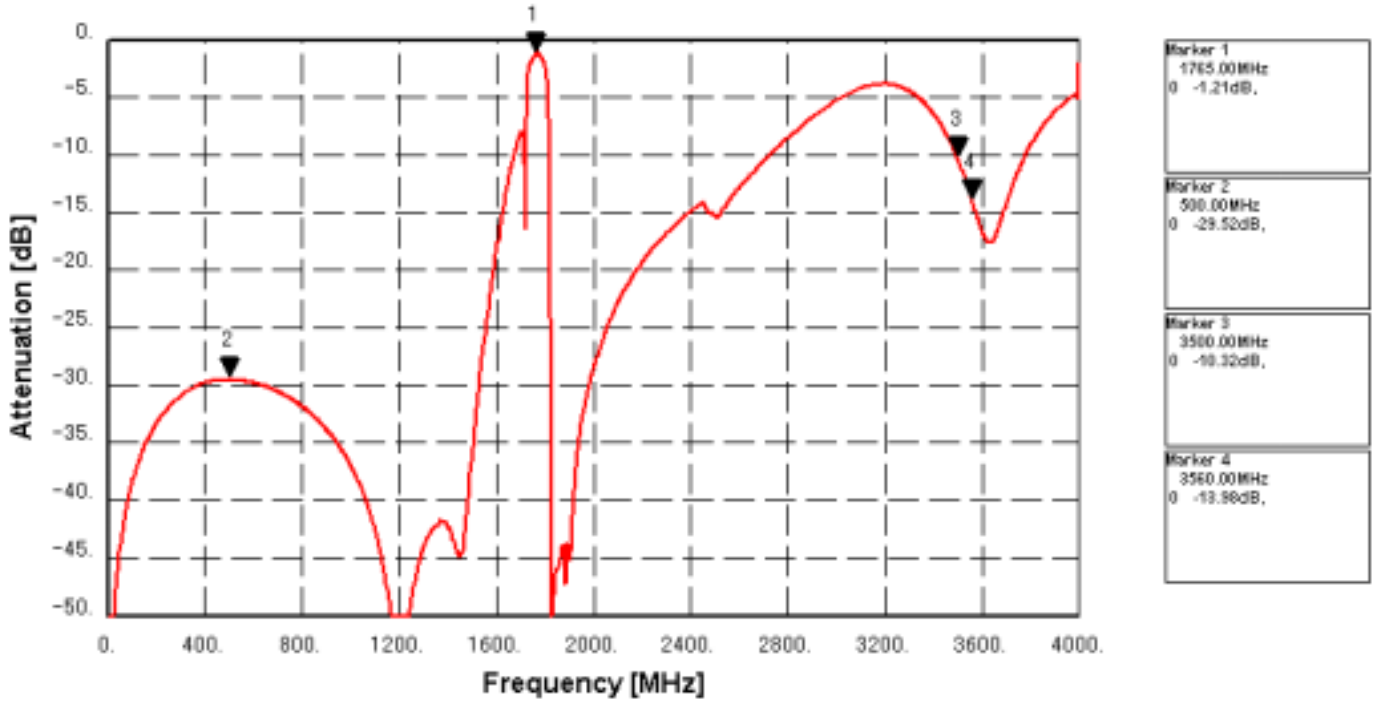


Figure 3-4 Electrical Characteristics

Customer Name	Standard	FUJITSU MEDIA DEVICES LIMITED	
System	Korean PCS SAW Duplexer	DATE	Feb. 12, 2003
FMD P/N	FAR-D6CZ-1G8550-D1T1	Version 5.0e	

Tx to Ant



Ant to Rx

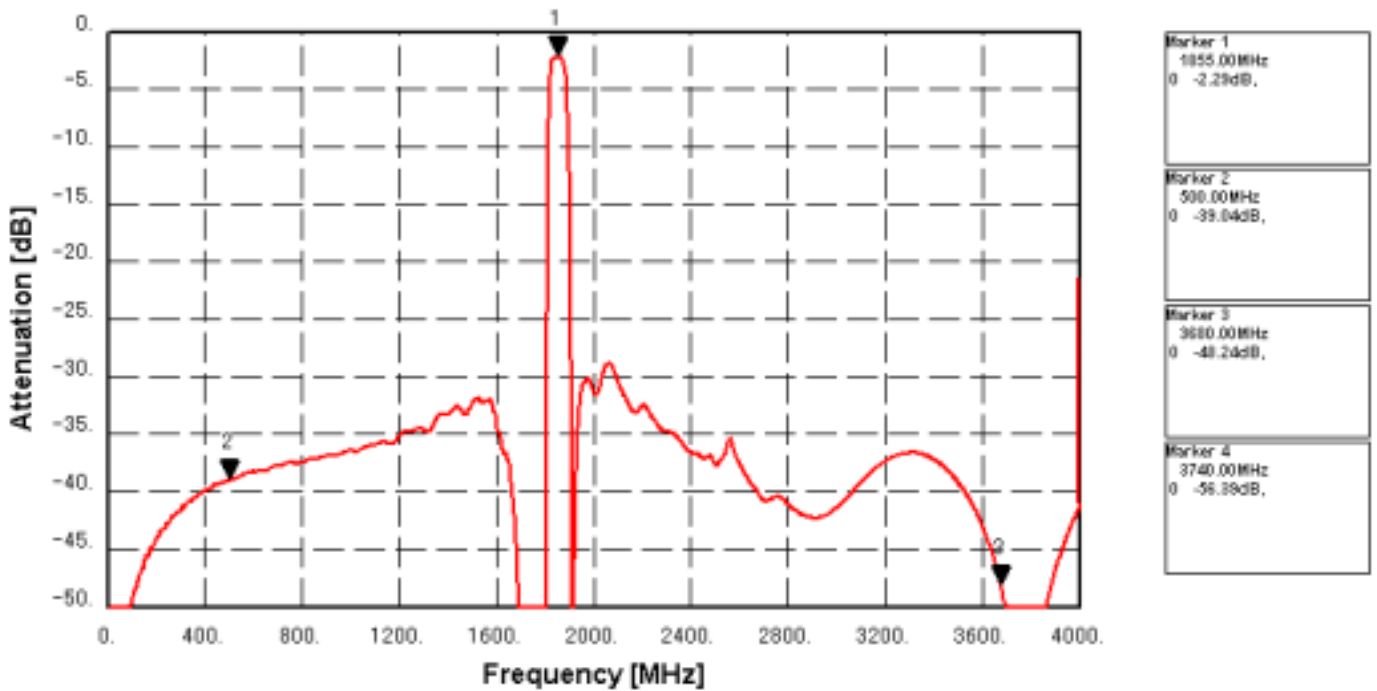


Figure 3-5 Electrical Characteristic