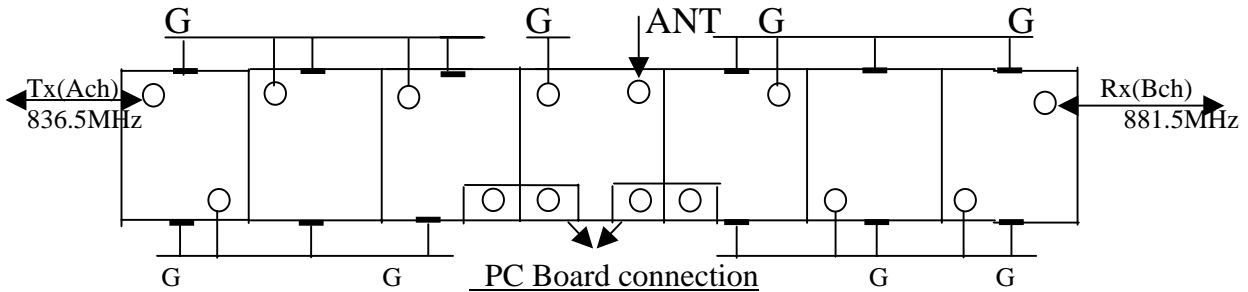


# Miniature Duplexer Specification Sheet

CUSTOMER		PARTS	DHS31S-836.5M/881.5M-P
Approval No.	20302033DC	Date	July,2,2003
Case Name	7H313(6.45*6.45)	Case Size	

(一) (TERMINATOR DIAGRAM):



BOTTOM

(二) (ELECTRIC CHARACTERISTIC)

Tx Spec:

	TX / A Chn	Spec.	Performance	
Fo	836.5	MHz	836.5	MHz
Space Freq.	45	MHz	45	MHz
Insertion Loss	Typ	3.0	2.3	dB
-1 dB Band Width		25	26	MHz
Immage Rejection At Fo + (45 ) MHz		28	31	dB
Return Loss	ANT(A+B) Terminal: >12.0 dB / Tx (A)Terminal : >12 dB			
Impedance	ANT : 50 Ohm / Tx : 50 Ohm			

Rx Spec:

	RX / B Chnn	Spec.	Performance	
Fo	881.5	MHz	881.5	MHz
Space Freq.	45	MHz	45	MHz
Insertion Loss	Typ	3.0	2.4	dB
-1 dB Band Width	>	25	26	MHz
Immage Rejection At Fo -(45)MHz		33	36	dB
Return Loss	ANT Terminal > 12 dB / Rx Terminal >12 dB			
Impedance	ANT : 50 Ohm. / Rx : 50 Ohm			

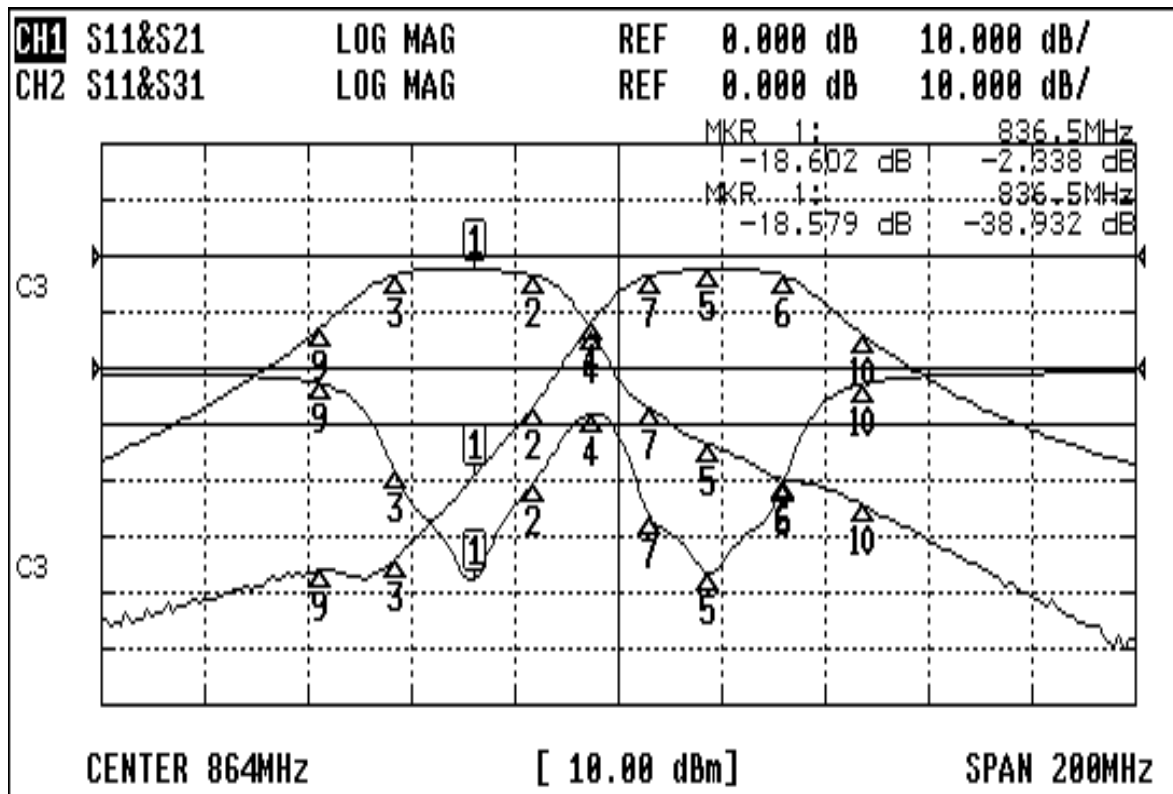
Isolation Test

	TX (A) To RX (B)	Isolation	Performance	
TX ( A )Fo	836.5	MHz	836.5	MHz
RX ( B ) Fo	881.5	MHz	881.5	MHz
ISOLATION		41	38	dB

Approved	CHECK	Designer	Aperture
C.Y. Chang	C.S. Chang	Enlan	7H313(6.45*6.45)
TEMWELL CORPORATION			

# Performance-DHS31S-836.5M/881.5M-P

## 20302033DC



### CH1 MARKER LIST

1:	836.500MHz	-18.579 dB	-2.335 dB
2:	847.666MHz	-10.253 dB	-3.383 dB
3:	821.000MHz	-9.154 dB	-3.312 dB
4:	859.000MHz	-4.007 dB	-13.349 dB
5:	881.500MHz	-18.341 dB	-33.436 dB
6:	896.000MHz	-10.341 dB	-39.716 dB
7:	870.333MHz	-13.253 dB	-27.352 dB
8:			
9:	806.500MHz	-1.371 dB	-12.740 dB
10:	911.500MHz	-1.349 dB	-44.426 dB

### CH2 MARKER LIST

1:	836.500MHz	-18.579 dB	-38.896 dB
2:	847.666MHz	-10.261 dB	-26.871 dB
3:	821.000MHz	-9.151 dB	-54.062 dB
4:	859.000MHz	-4.002 dB	-11.953 dB
5:	881.500MHz	-18.271 dB	-2.449 dB
6:	896.000MHz	-10.311 dB	-3.464 dB
7:	870.333MHz	-13.230 dB	-3.406 dB
8:			
9:	806.500MHz	-1.369 dB	-56.056 dB
10:	911.500MHz	-1.342 dB	-14.087 dB