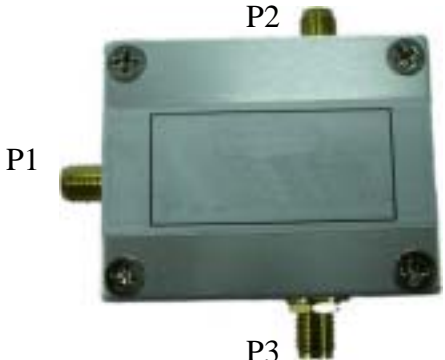
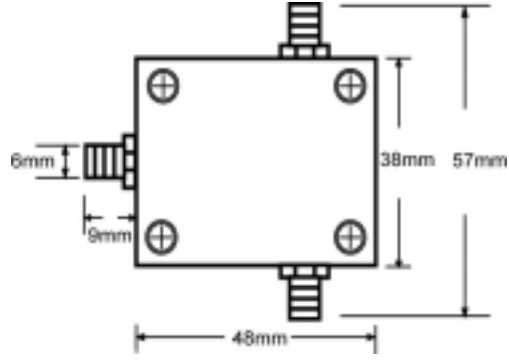


# TEMWELL Diplexer Specification Sheet

Customer Name		Temwell's Part No.	DiAR98M-157M-SMA
Approval No. /dated	0712088APR	Temwell's Print Name	
Work Instruction No.	0712088C	Date	Dec.28.2007

<p>(1) Connector Position</p> 	<p>(2) Size Diagram</p> 
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(3) Electric Characteristic

Item	Specify	Performance
Center Freq.(Fo ) +/- 0.5 %	Port2	157 MHz
	Port3	98 MHz
-3 dB bandwidch	Port2	>34 MHz
	Port3	>20 MHz
Return Loss output 1 (S11)	Port2	>12 dB
	Port3	>12 dB
Return Loss output 2 (S22)	>12 dB	15.6 dB
Return Loss output 3 (S33)	>12 dB	22.7 dB
Insertion Loss (S21)	<2.0 dB	17.4 dB
Insertion Loss (S31)	<2.0 dB	23.2 dB
ISOLATION (S23)	>50 dB	1.55 dB
Impedance	In / Out : 50Ω	1.66 dB
Impedance	In / Out : 50Ω	64.8 dB
(4) Torque for Tuning Screw	> 100gf cm	

(5) Temperature Condition:

Operating Temperature	-30 ~ +70
Storage Temperature	-30 ~ +80

(6) Input Power

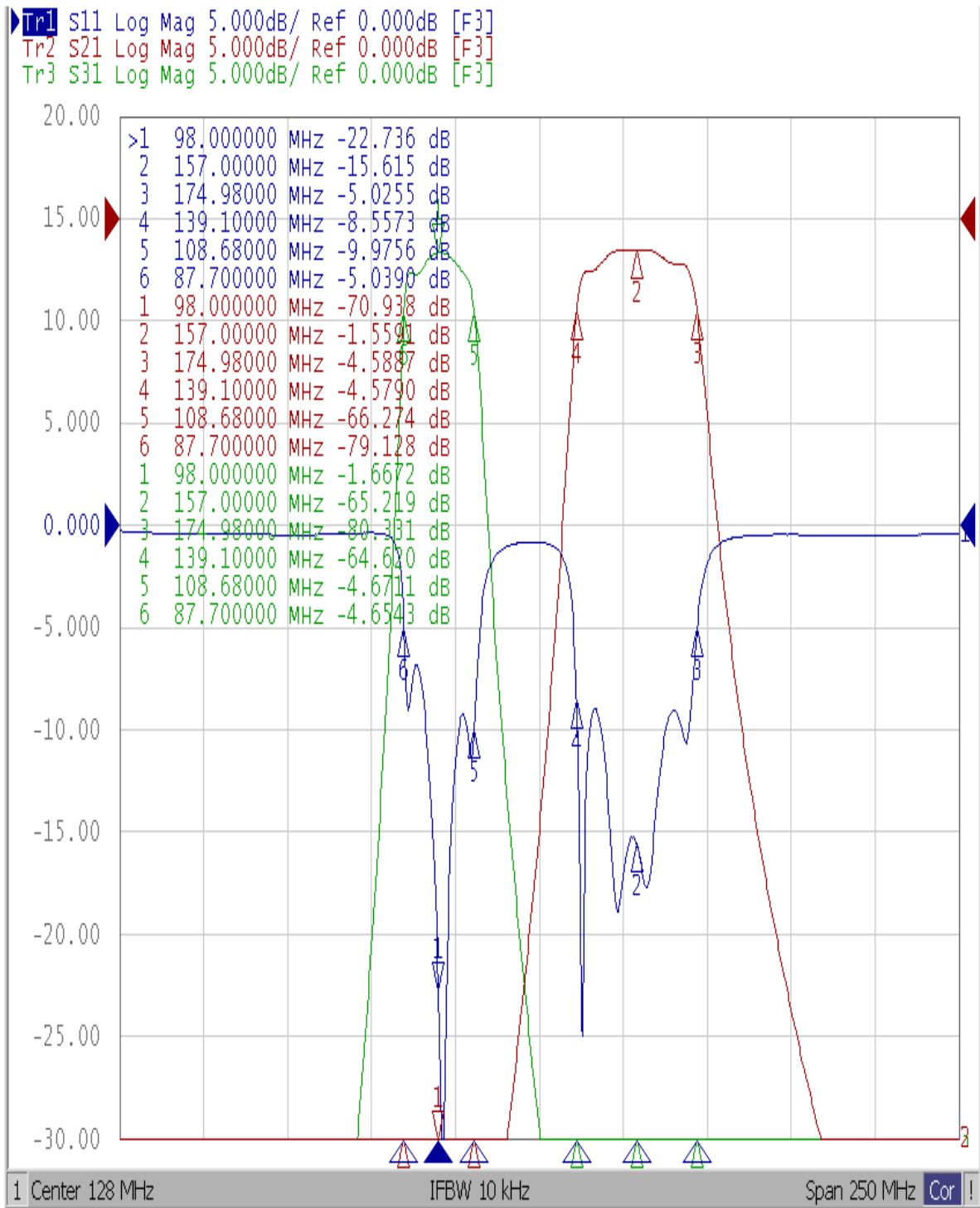
	> 5Watt
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Approval	Supervisor	Designer	Aperture size
C. Y. Chang	C.S. Chang	Y.H. Yeh	SMA Type

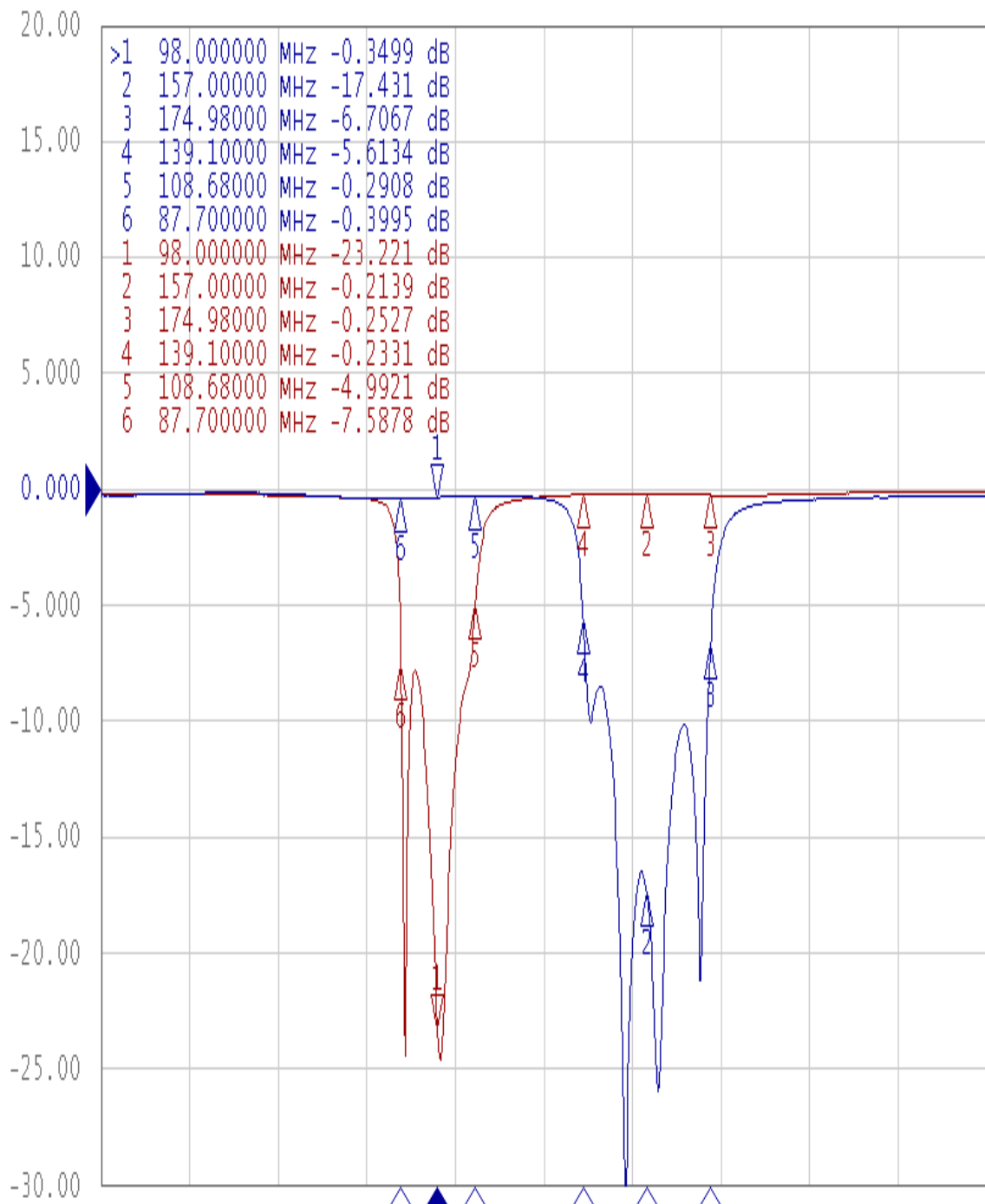
TEMWELL CORPORATION

# Performance-DiAR98M-157M-SMA

## 0712088C



Tr1 S22 Log Mag 5.000dB/ Ref 0.000dB [F3]  
 Tr2 S33 Log Mag 5.000dB/ Ref 0.000dB [F3]

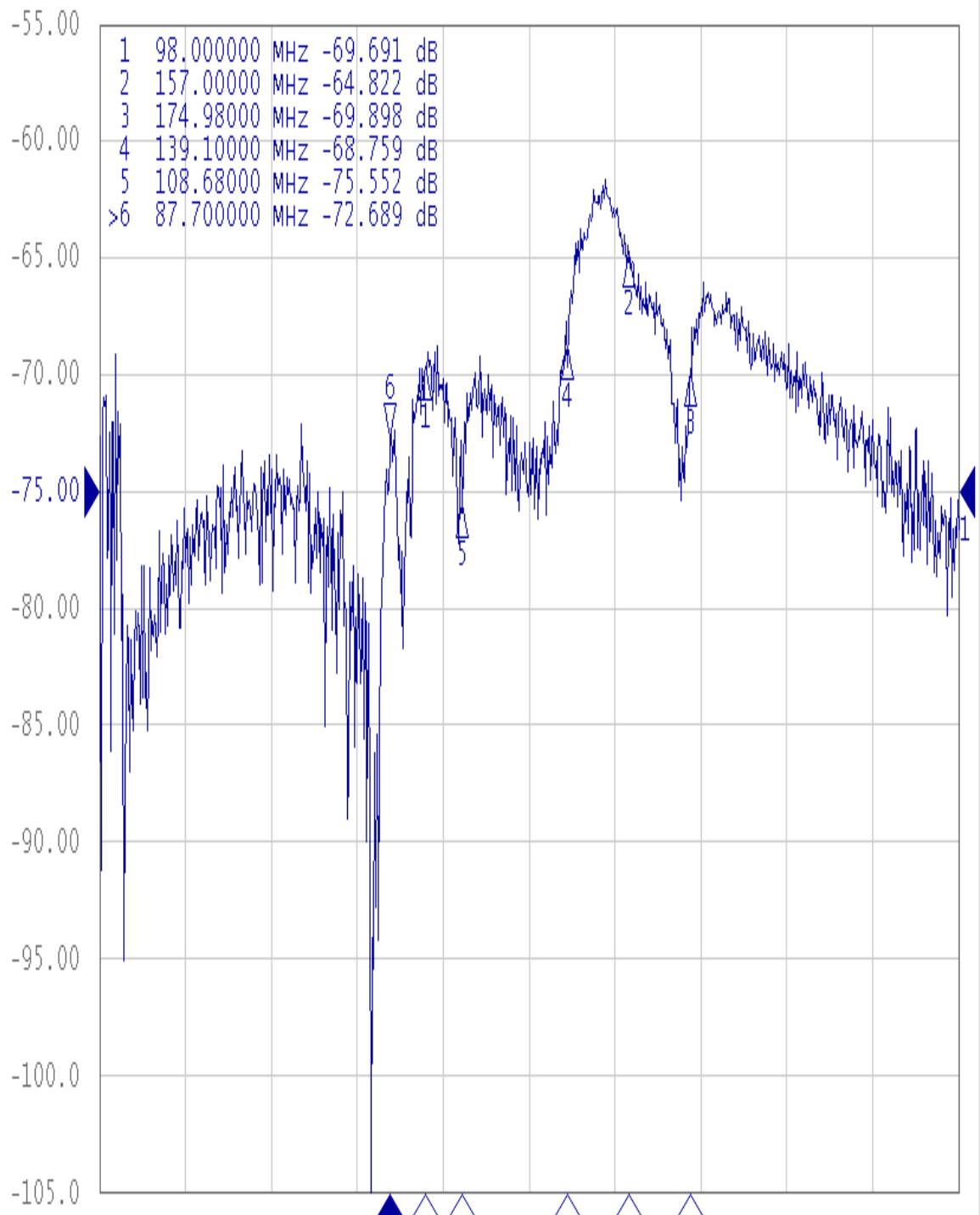


1 Center 128 MHz

IFBW 10 kHz

Span 250 MHz Cor !

Tr1 S23 Log Mag 5.000dB/ Ref -75.00dB [F3]



1 Center 128 MHz

IFBW 10 kHz

Span 250 MHz Cor !