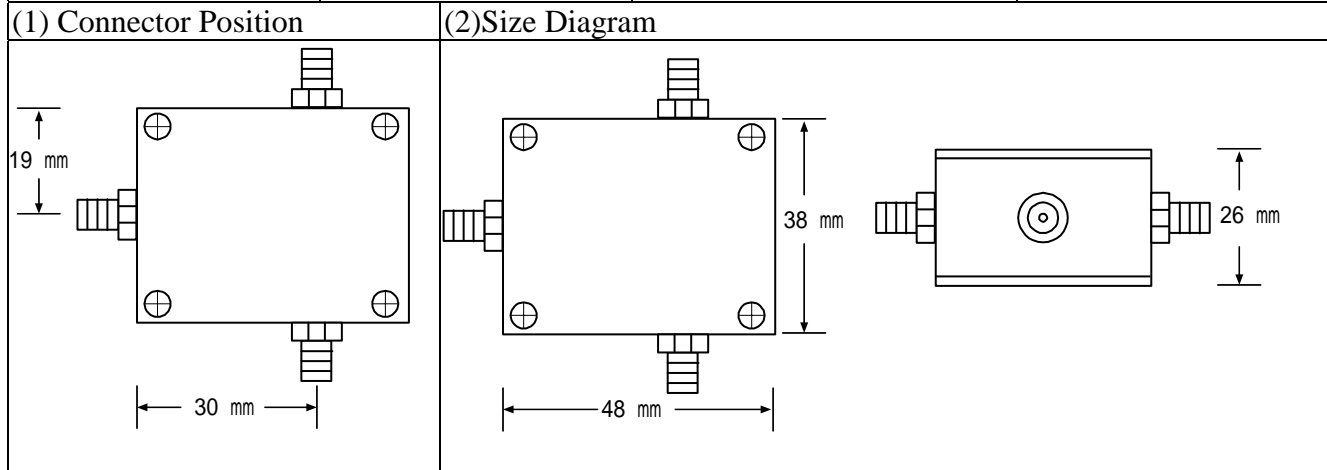


TEMWELL Diplexer Specification Sheet

Customer Name		Temwell's Part No.	DiAM-320-152M172M-SMA
Approval No. /dated	0806074D	Temwell's Print Name	
Work Instruction No.	0806074D	Date	Jun.19.2008



(3) Electric Characteristic

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	Port2 Typ. 152 MHz	152 MHz
	Port3 Typ. 172 MHz	172 MHz
-3 dB bandwidch	Port2 Typ. 6 MHz	7.9 MHz
	Port3 Typ. 6 MHz	8.4 MHz
Return Loss output 1 (S11)	Port2 Typ. >12 dB	21.4 dB
	Port3 Typ. >12 dB	33.2 dB
Return Loss output 2 (S22)	Typ. >12 dB	15.2 dB
Return Loss output 3 (S33)	Typ. >12 dB	20.0 dB
Insertion Loss (S21)	Typ. 3.0 dB	3.07 dB
Insertion Loss (S31)	Typ. 3.0 dB	2.89 dB
ISOLATION (S23)	Typ. > 48 dB	51 dB
Impedance	In / Out : 50Ω	In / Out : 50 Ω
(4) Torque for Tuning Screw	> 100gf cm	

(5) Temperature Condition:

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

(6) Input Power

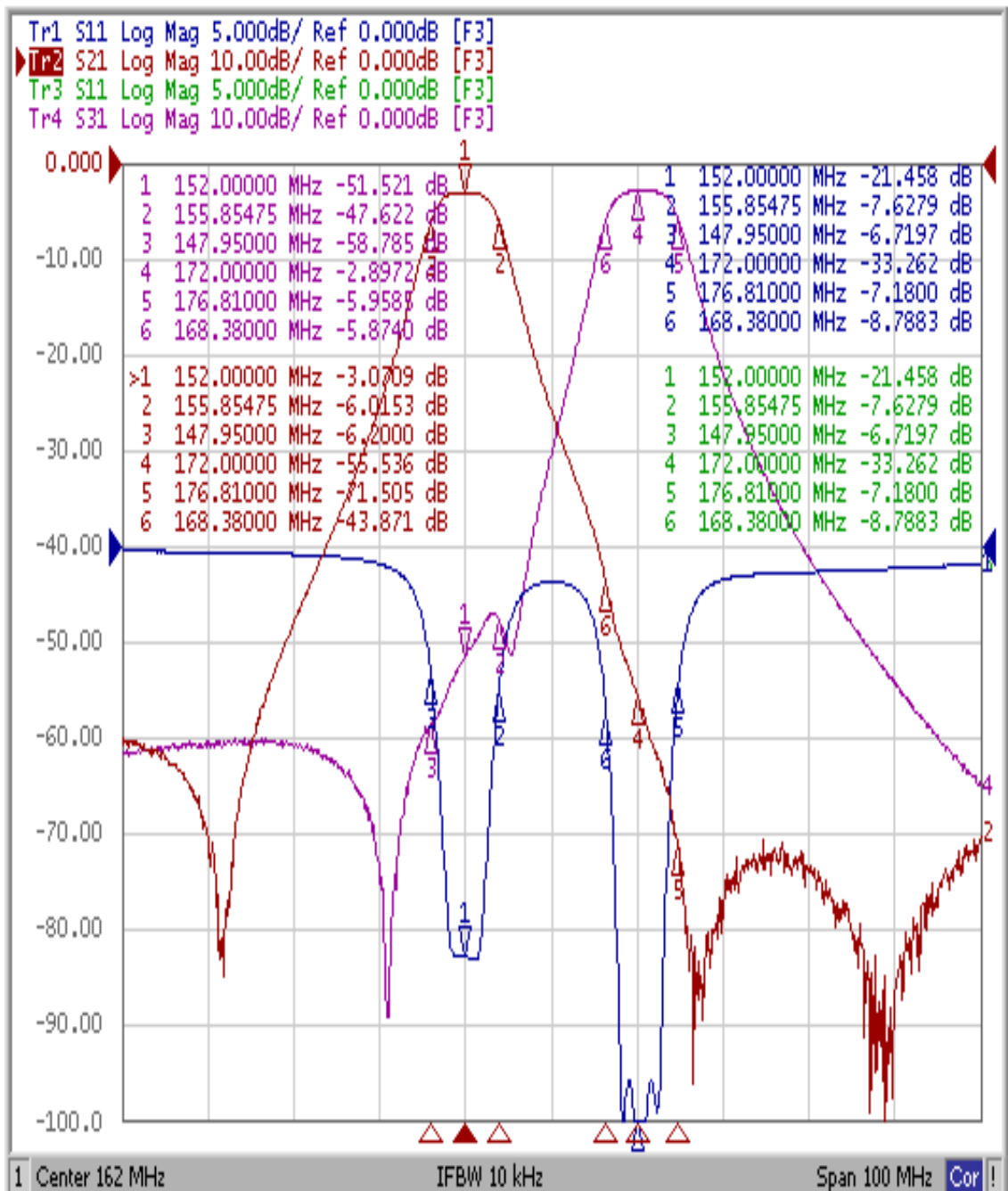
	> 20Watt
--	----------

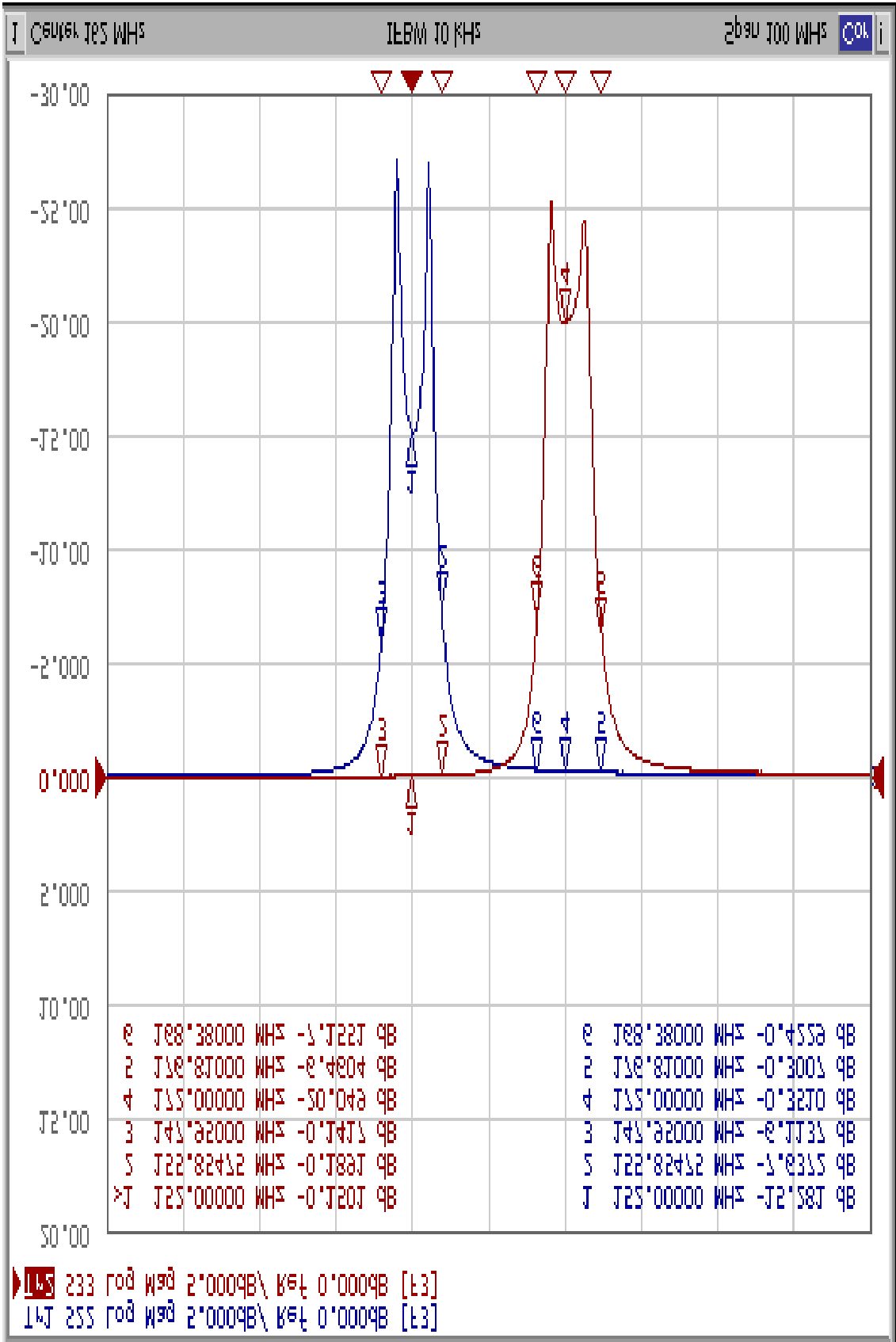
Approval	Supervisor	Designer	Aperture size
C. Y. Chang	C.S. Chang	Y.H. Yeh	SMA Type

TEMWELL CORPORATION

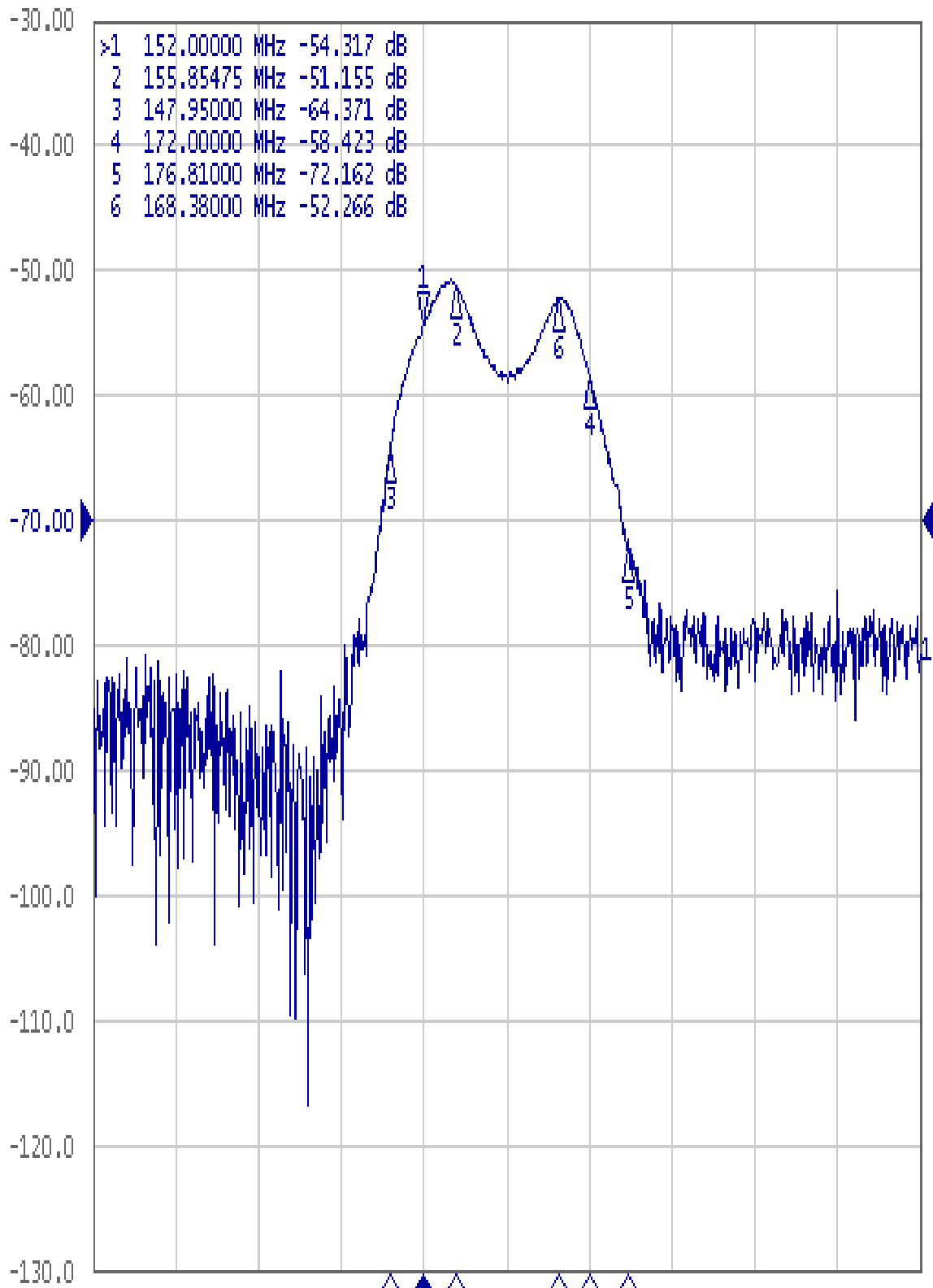
Performance-DiAM-320-152M172M-SMA

0806074D





Tr1 S23 Log Mag 10.00dB/ Ref -70.00dB [F3]



1 Center 162 MHz

IFBW 10 kHz

Span 100 MHz Cor !