

VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF69190B-81.3M
Approval No. /dated	20411031DB	Acceptable Specify Fo.Range	76~85MHz
Work Instruction No.	20411031DB	Date	Nov.15.2004

<p>(1)Pin Position</p> <p style="text-align: center;">Bottom View</p>	<p>(2)Size Diagram</p>
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(3)Electric Charasteric

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	81.3 MHz	81.3 MHz
Insertion Loss	Typ. 5.5 dB	4.83 dB
-3 dB Bandwidth	Typ. 4 MHz	5 MHz
Sensitivity (Attenuation)	Fo - 10 MHz	Typ. 46 dBc
	Fo + 10 MHz	Typ. 46 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	28.7 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

(4)Torque for Tuning Screw > 100gf • cm

(5)Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

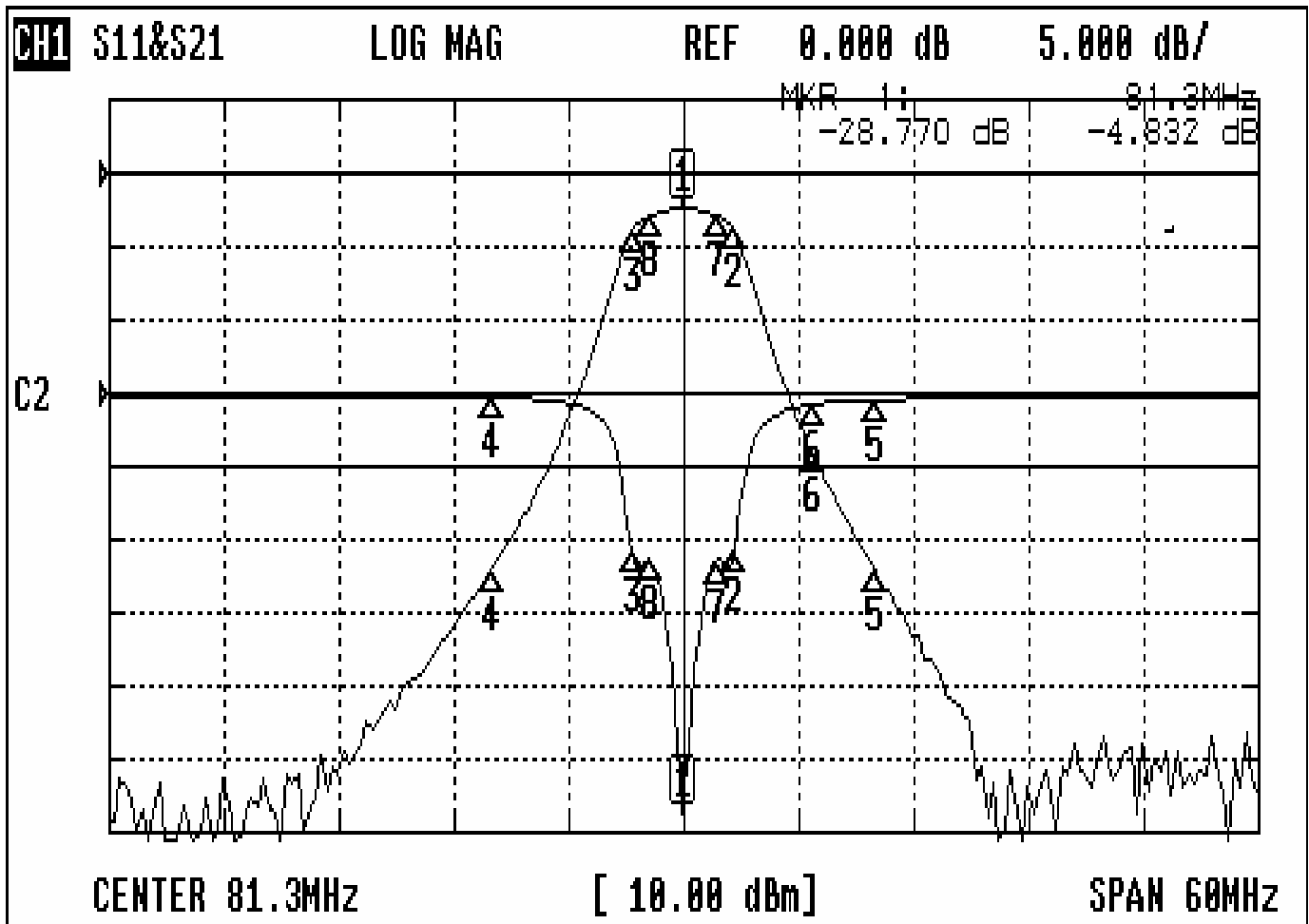
(6)Input Power > 1Watt

Approval	Supervisor	Designer	Aperture size
C. Y. Chang	C. S. Chang	C. S. Chang	7H4S(4*4.65) 7H00LB6

TEMWELL CORPORATION

Performance-TF69190B-81.3M

20411031DB



CH1 MARKER LIST

1:	81.300MHz	-28.770 dB	-4.832 dB
2:	83.950MHz	-10.885 dB	-7.862 dB
3:	78.650MHz	-11.033 dB	-7.870 dB
4:	71.300MHz	-0.282 dB	-53.924 dB
5:	91.300MHz	-0.457 dB	-54.136 dB
6:	88.000MHz	-0.771 dB	-37.753 dB
7:	83.000MHz	-11.493 dB	-5.843 dB
8:	79.550MHz	-11.315 dB	-5.845 dB
9:			
10:			