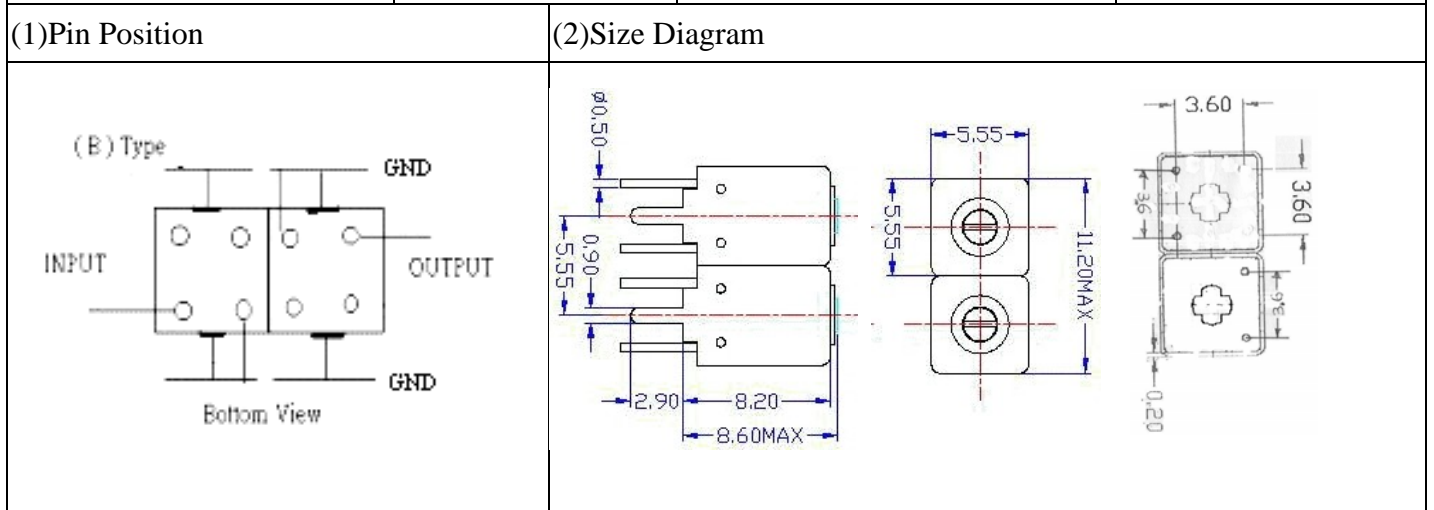


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2631B-841M
Approval No. /dated	20411113DC	Acceptable Specify Fo. Range	801~850MHz
Work Instruction No.	20411113DC	Date	Nov.17.2004



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	841 MHz	841 MHz	
Tunable Range:	841±5 MHz	841±5 MHz	
Insertion Loss	Typ. 2.5 dB	1.19 dB	
-3 dB Bandwidth	Typ. 35 MHz	43.2 MHz	
Sensitivity (Attenuation)	Fo - 140 MHz	Typ. 50 dBc	62 dBc
	Fo + 140 MHz	Typ. 24 dBc	27 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo + ( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	24.4 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	
(4) Torque for Tuning Screw	> 60gf • cm		

(5) Temperature Condition:

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

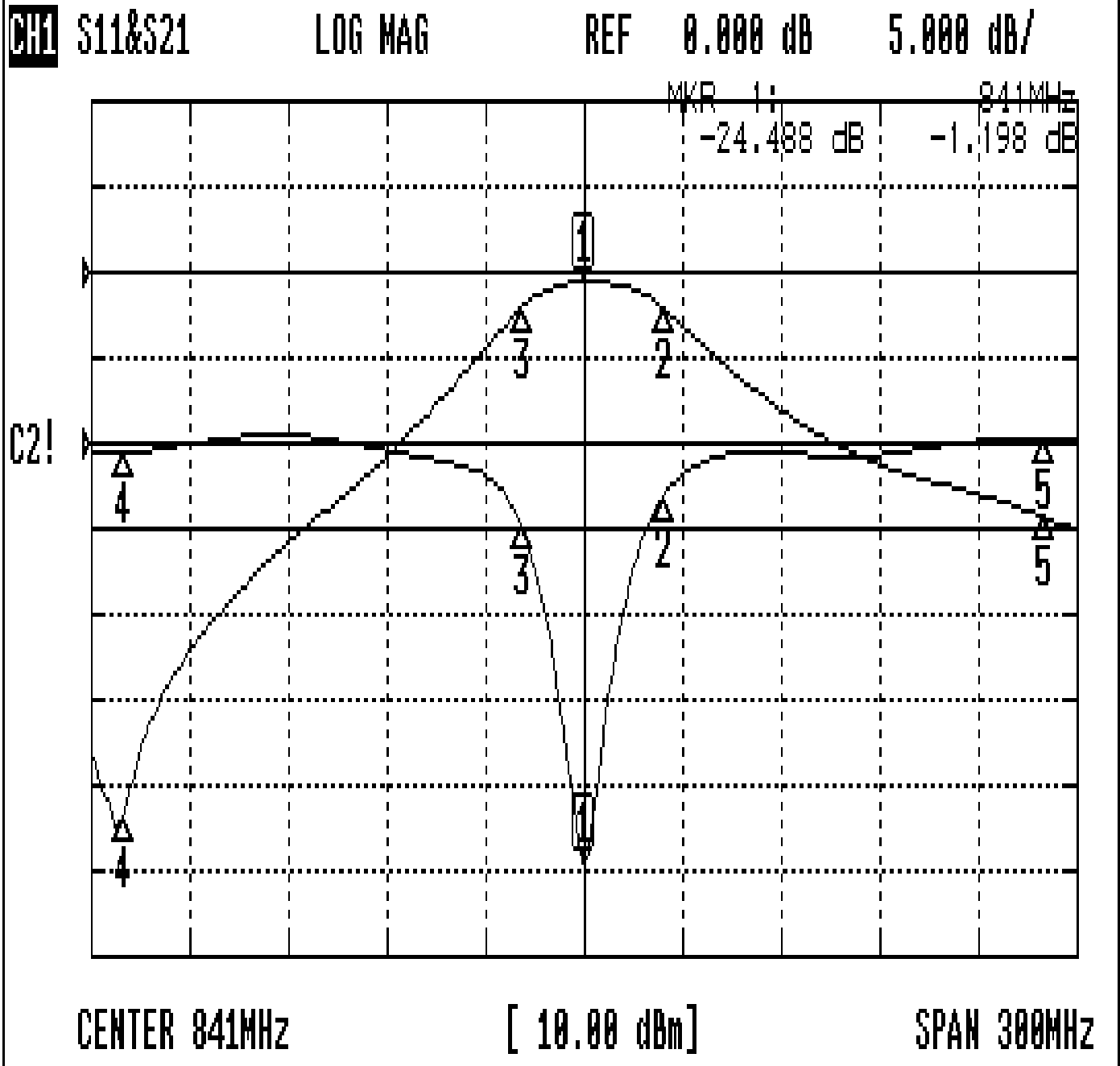
(6) Input Power

			> 0.5Watt
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	P.H.Chiang	5W2S(3.8*4.5)(4.59) 5HW046RB3.2

TEMWELL CORPORATION

# Performance-TDW2631B-841M

## 2041113DC



### CH1 MARKER LIST

1:	841.000MHz	-24.488 dB	-1.198 dB
2:	865.250MHz	-3.899 dB	-4.136 dB
3:	822.000MHz	-4.720 dB	-4.158 dB
4:	701.000MHz	-0.541 dB	-63.397 dB
5:	981.000MHz	0.325 dB	-28.618 dB