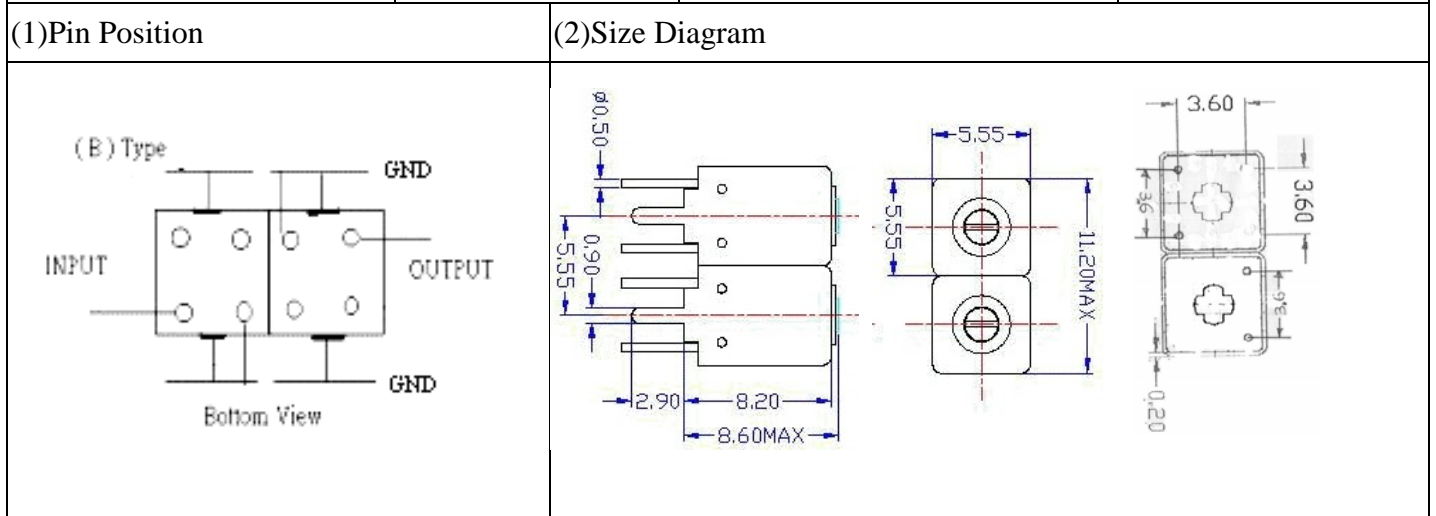


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2604B-2150M
Approval No. /dated	20406039DC	Acceptable Specify Fo. Range	2001~2150MHz
Work Instruction No.	20406039DC	Date	July.19.2004



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	2150 MHz	2150 MHz	
Tunable Range:	2150±5 MHz	2150±5 MHz	
Insertion Loss	Typ. 3.0 dB	1.83 dB	
-3 dB Bandwidth	Typ. 98 MHz	109.5 MHz	
Sensitivity (Attenuation)	Fo - 200 MHz	Typ. 22 dBc	25 dBc
	Fo + 200 MHz	Typ. 16 dBc	19 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	31.2 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

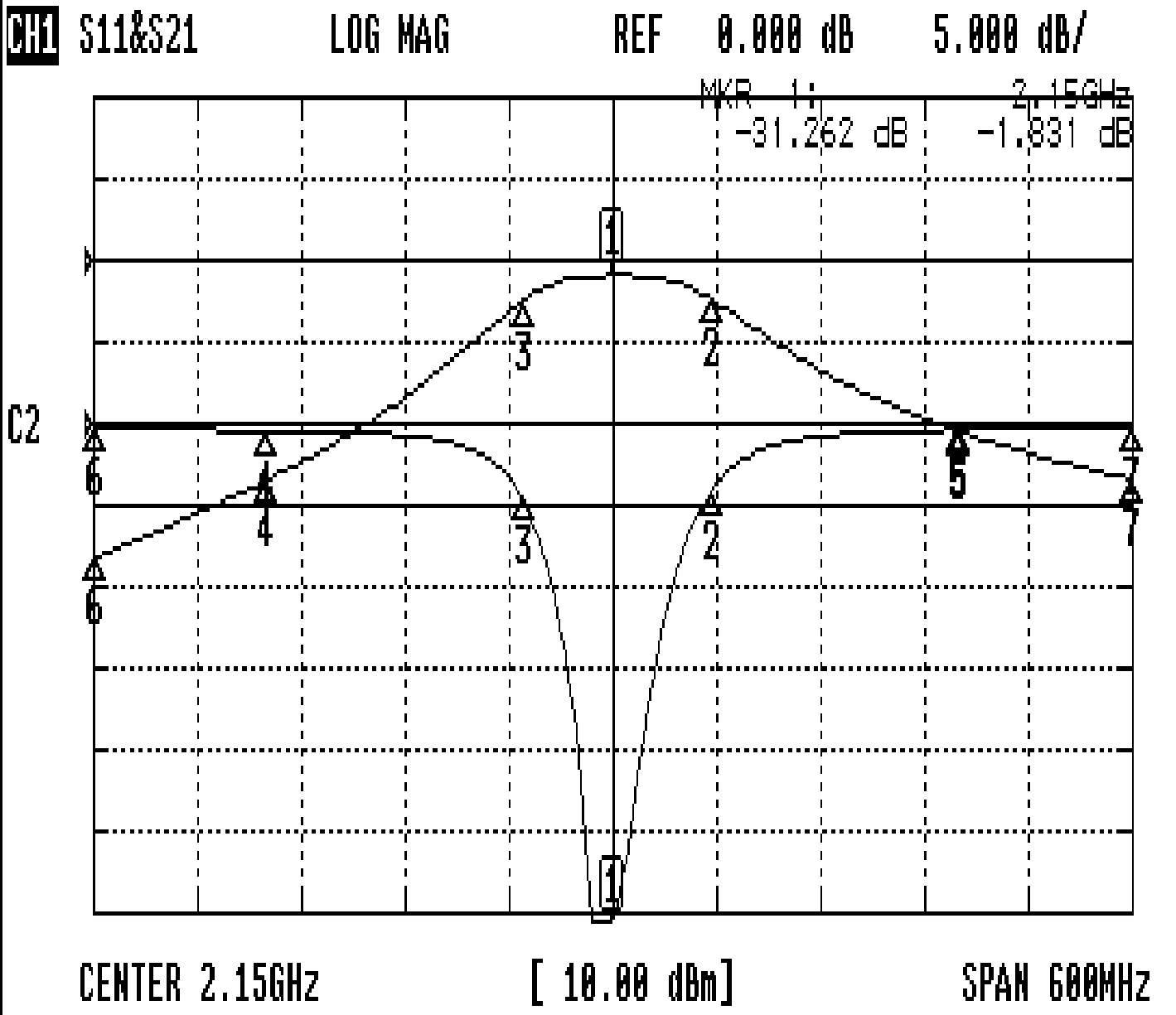
(6) Input Power > 0.5Watt

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	5W2S(3.8*4.5)(4.56) 5HW046RB3.2

TEMWELL CORPORATION

# Performance-TDW2604B-2150M

## 20406039DC



### CH1 MARKER LIST

1:	2.150 000GHz	-31.262 dB	-1.831 dB
2:	2.208 000GHz	-3.973 dB	-4.883 dB
3:	2.098 500GHz	-4.701 dB	-4.821 dB
4:	1.950 000GHz	-0.417 dB	-26.900 dB
5:	2.350 000GHz	-0.369 dB	-20.952 dB
6:	1.850 000GHz	-0.357 dB	-36.494 dB
7:	2.450 000GHz	-0.258 dB	-26.767 dB