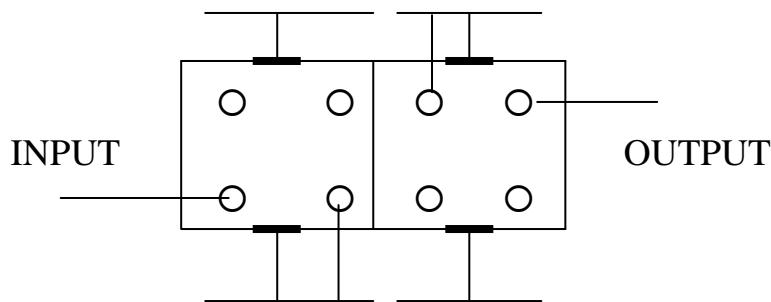


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDWL2508B-1350M
Approval No. /dated	20311034DB	Customer's Part No.	
Work Instruction No.	20311034DB	Date	Nov.21.2003
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	5W2	Case size : (mm)	
Terminator Type	B		

* Pin Position (Pin Connection) diagram as following

(B) Type



(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	1350 MHz	1350 MHz
Insertion Loss	Typ. 3.0 dB	2.2 dB
-3 dB Bandwidth	Typ. 54 MHz	57 MHz
Sensitivity (Attenuation)	Fo -(250) MHz	Typ. 41 dBc
	Fo +(250) MHz	Typ. 26 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	17 dB
Ripple	< 1 dB	dB
Group Delay	ns	ns
Impedance	In / Out : 100 Ω	In / Out : 100 Ω

4. Temperature Condition:

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

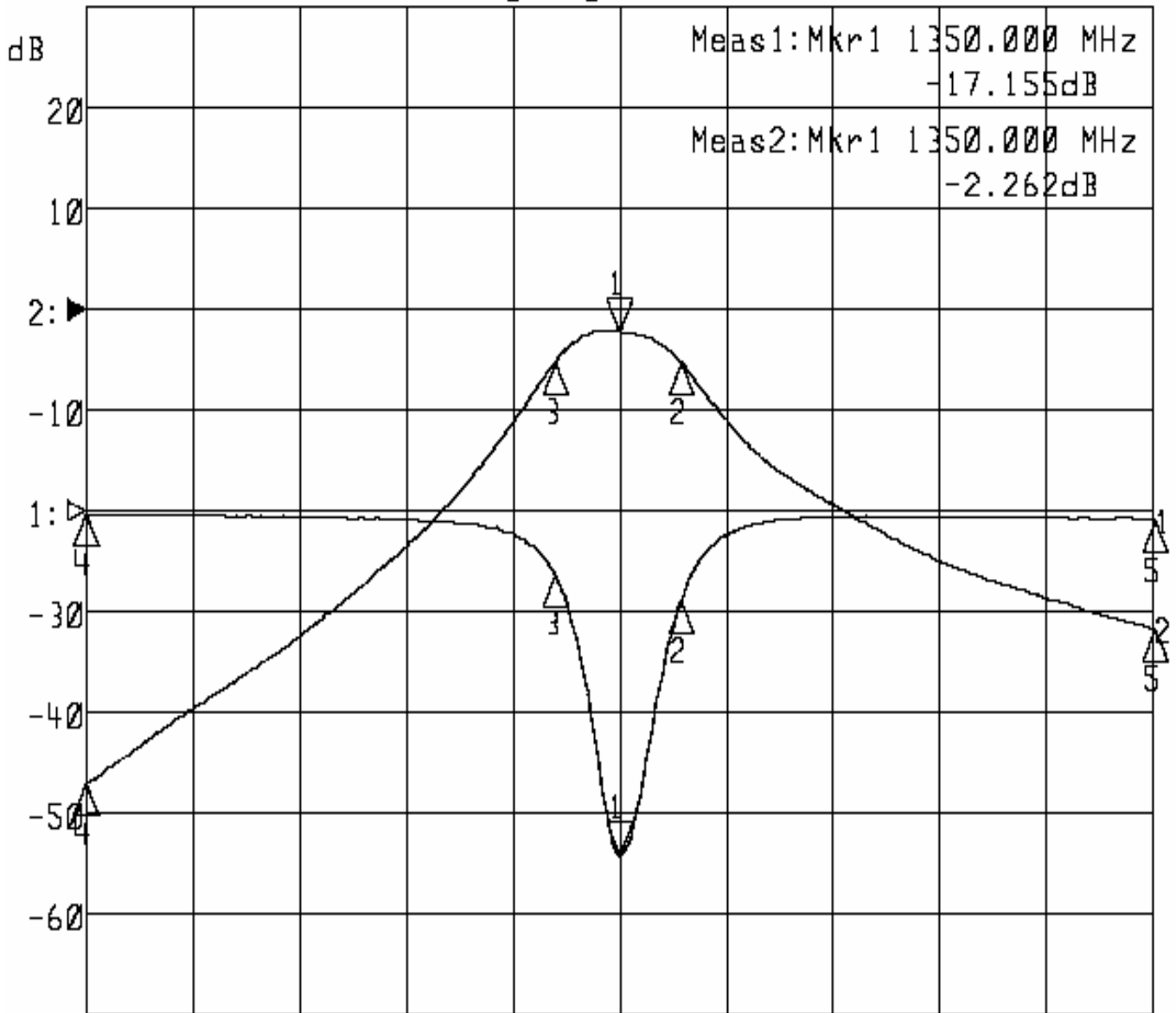
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	5w2-3.8*3.5(3.8*3.58) 5HW046RB3.2

TEMWELL CORPORATION

Performance-TDWL2508B-1350M

20311034DB

►1:S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C
►2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 1350.000 MHz

Span 500.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 1350.0000	-17.155	1> 1350.0000	-2.262
2: 1378.8333	-4.450	2: 1378.8333	-5.236
3: 1319.6667	-3.143	3: 1319.6667	-5.289
4: 1100.0000	-0.151	4: 1100.0000	-46.991
5: 1600.0000	-0.481	5: 1600.0000	-31.715