



Custom Made UHF Filter & Duplexer

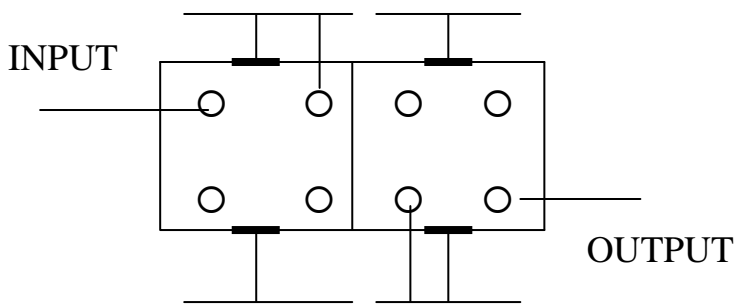
# Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TD67139A-815M
Approval No. /dated		Customer's Part No.	
Work Instruction No.		Date	86/07/04
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	7H	Case size :	
Terminator Type	A		

\* Pin Position (Pin Connection) diagram as following

( A ) Type



(Bottom View )

(3) Electric Charasteric

Item	Specify	Performance
Center Freq.(Fo ) +/- 0.5 %	815 MHz	815 MHz
Insertion Loss	Typ. 5.5 dB	4.40 dB
-3 dB Bandwidth	Typ. 6 MHz	10.2 MHz
Sensitivity (Attenuation )	Fo - 50 MHz	Typ. 42 dBc
	Fo + 50 MHz	Typ. 32 dBc
	Fo - ( )MHz	Typ. dBc
	Fo +( )MHz	Typ. dBc
Return Loss	Min. 12 dB	24.4 dB
Ripple	<1 dB	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

Approval	Supervisor	Designer	Aperture size
C.Y. CHANG	C.K. CHANG	C.K. CHANG	7H2S,4*4.3 MTB7H046L

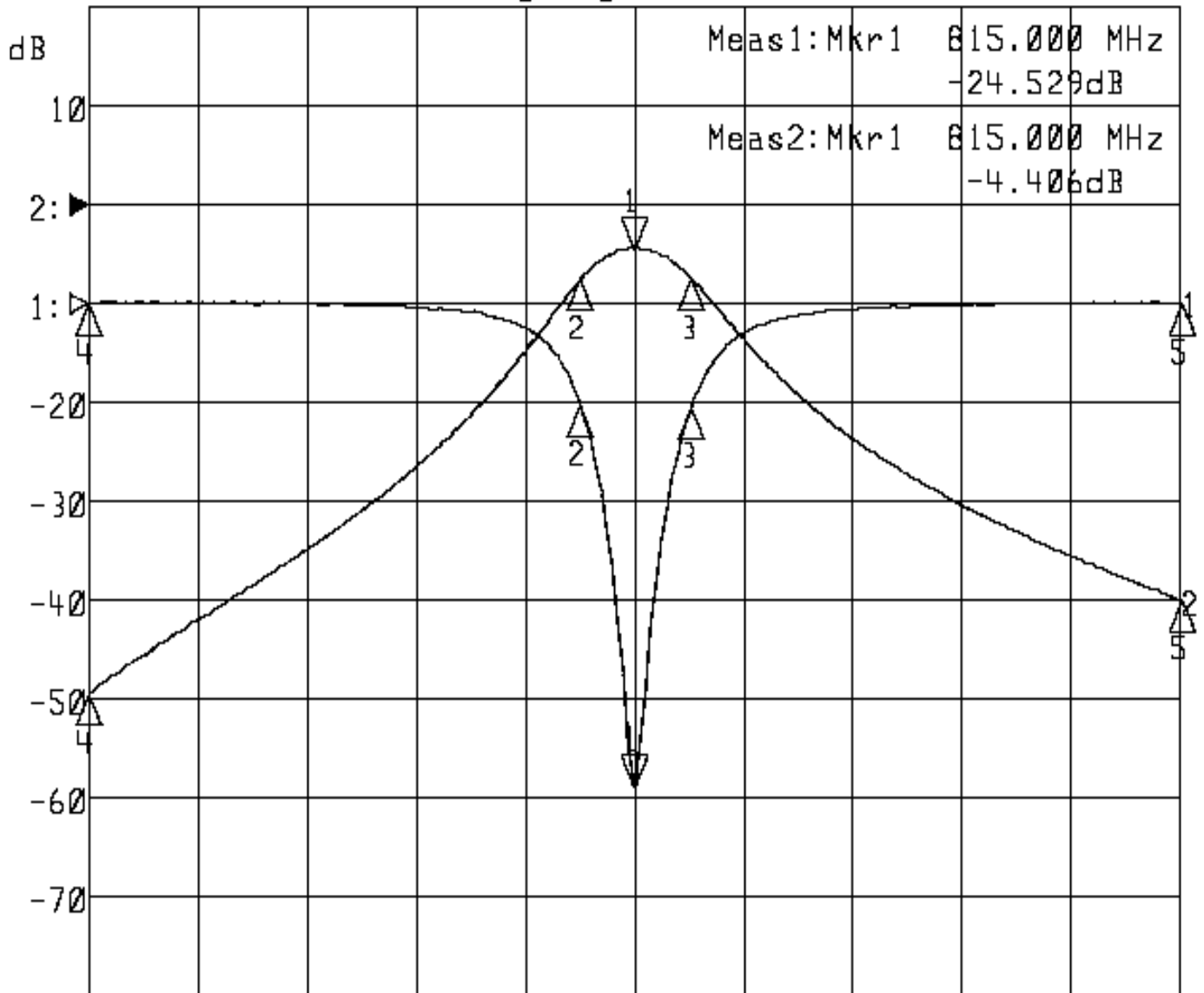
**TEMWELL CORPORATION**

TEMWELL

# Performance-TD67139A-815M

## 2008005B

▷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 815.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 815.0000	-24.529	1> 815.0000	-4.406
2: 810.0667	-5.092	2: 810.0667	-7.521
3: 820.2333	-5.211	3: 820.2333	-7.403
4: 765.0000	0.023	4: 765.0000	-49.442
5: 865.0000	-0.000	5: 865.0000	-40.037