



Custom Made UHF Filter & Duplexer

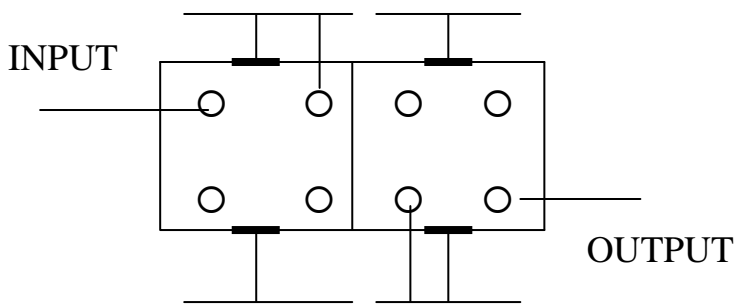
# Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TD67500A-650M
Approval No. /dated	20112105DC	Customer's Part No.	
Work Instruction No.	20112105DC	Date	2002/1/4.
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	7H2	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 %	650 MHz	650 MHz
Insertion Loss	Typ. 2.5 dB	1.22 dB
-3 dB Bandwidth	Typ. 65 MHz	71.3 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 20 dBc
	Fo + 100 MHz	Typ. 13 dBc
	Fo - ( )MHz	Typ. dBc
	Fo +( )MHz	Typ. dBc
Return Loss	Min. 12 dB	21.2 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H2S(4*7.5) 7H046LB6

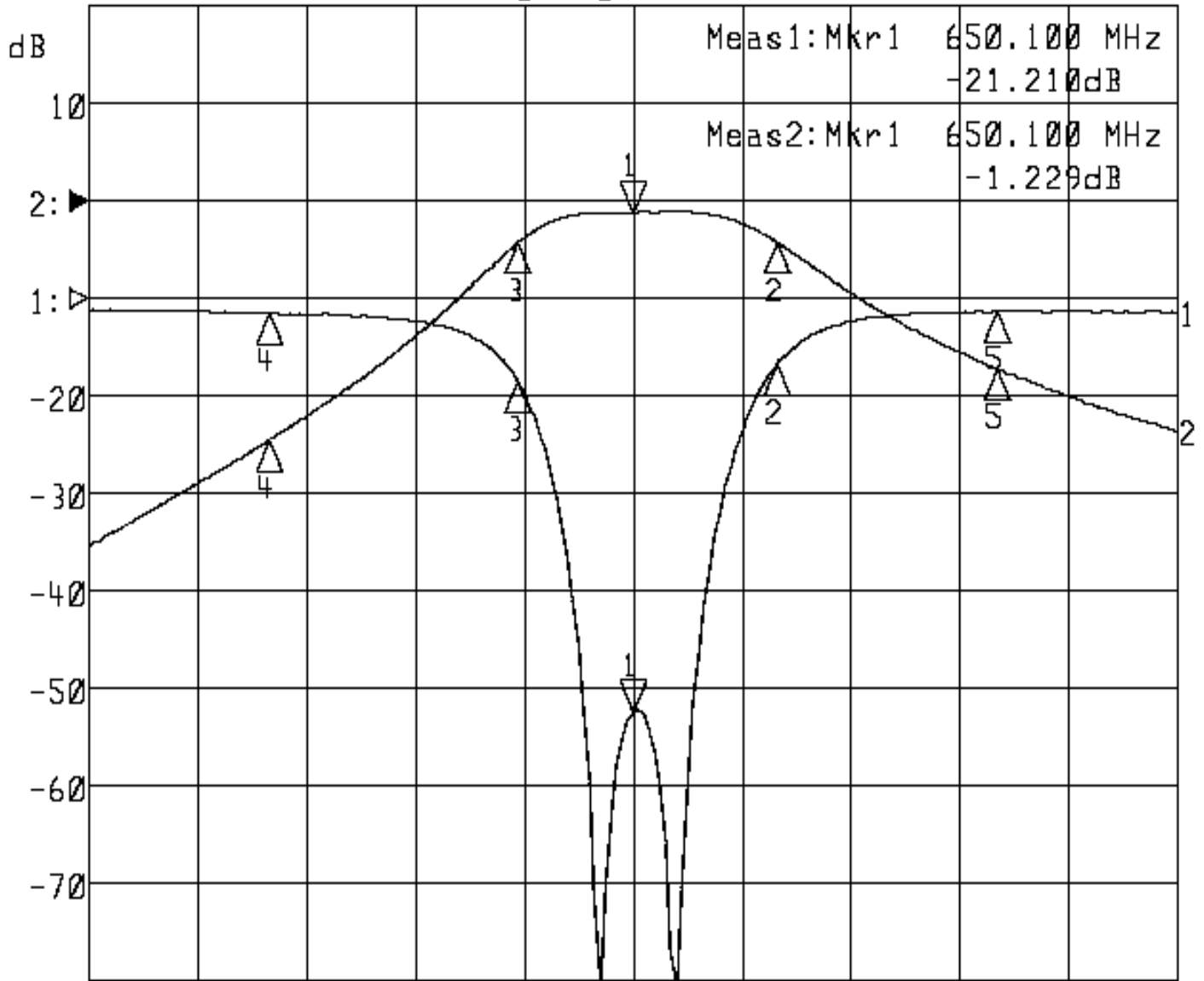
TEMWELL CORPORATION

# Performance-TD67500A-650M

## 20112105DC

▶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 650.000 MHz

Span 300.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 650.1000	-21.210	1> 650.1000	-1.229
2: 689.7000	-3.362	2: 689.7000	-4.236
3: 618.4000	-4.263	3: 618.4000	-4.264
4: 550.0000	-0.749	4: 550.0000	-24.465
5: 750.0000	-0.686	5: 750.0000	-17.196