



Custom Made UHF Filter & Duplexer

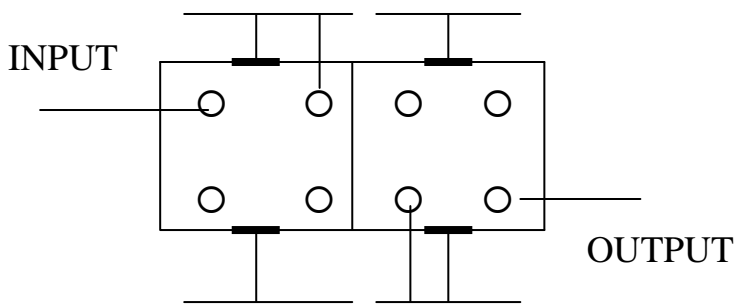
Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TD67504A-730M
Approval No. /dated	20112109DC	Customer's Part No.	
Work Instruction No.	20112109DC	Date	2002.01.08.
<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 %	730 MHz	730 MHz
Insertion Loss	Typ. 2.0 dB	0.9 dB
-3 dB Bandwidth	Typ. 68 MHz	74.1 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 18 dBc
	Fo + 100 MHz	Typ. 13 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	18 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

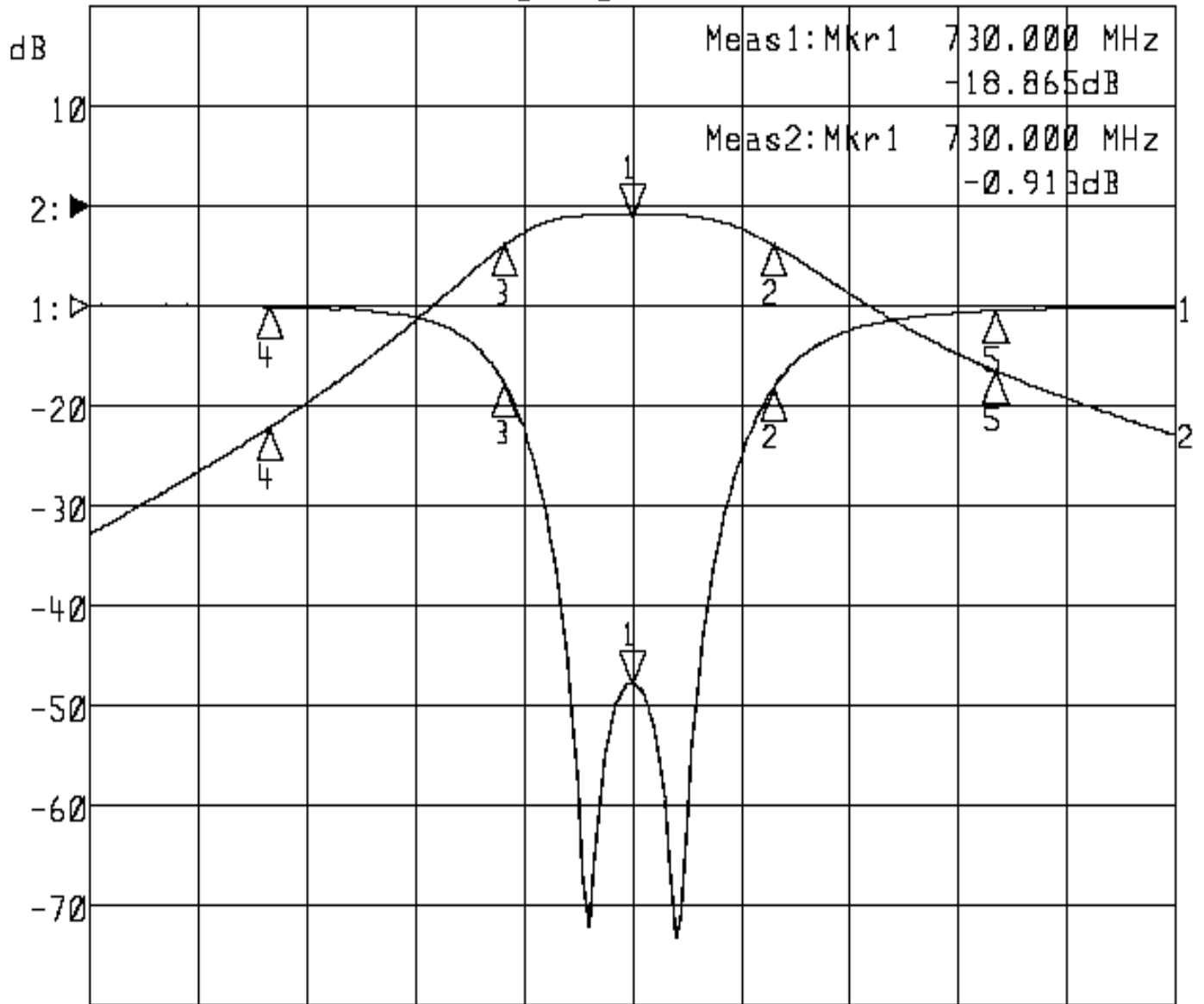
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H2S(4*7.5) 7H046LB6

TEMWELL CORPORATION

Performance-TD67504A-730M

20112109DC

▶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 730.000 MHz

Span 300.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 730.0000	-18.865	1> 730.0000	-0.913
2: 768.9000	-4.084	2: 768.9000	-3.864
3: 694.8000	-3.909	3: 694.8000	-3.872
4: 630.0000	-0.045	4: 630.0000	-22.130
5: 830.0000	-0.241	5: 830.0000	-16.413