



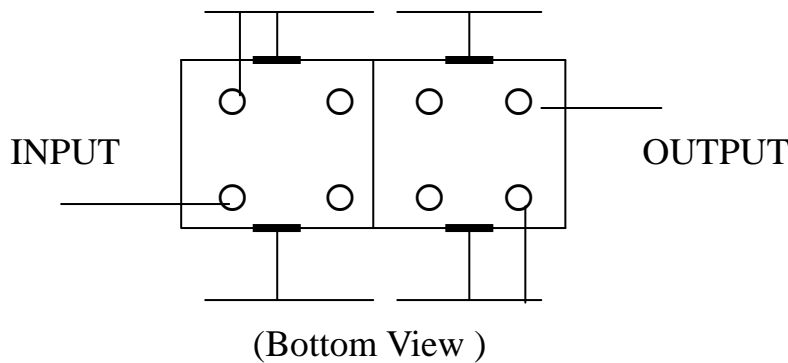
Custom Made UHF Filter & Duplexer

Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TD67116D-680M
Approval No. /dated	9703112	Customer's Part No.	
Work Instruction No.	9703112	Date	87/04/21
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	2S	Case size :	
Terminator Type	D		

* Pin Position (Pin Connection) diagram as following
(D) Type



(3) Electric Charasteric

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	680 MHz	680 MHz
Insertion Loss	Typ. 3.0 dB	2.16 dB
<input type="checkbox"/> -3 dB Bandwidth	Typ. 12 MHz	16.3 MHz
Sensitivity (Attenuation)	Fo - 100MHz	Typ. 33 dBc
	Fo + 100MHz	Typ. 34 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	32.2 dB
Ripple	< 1 dB	1 dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

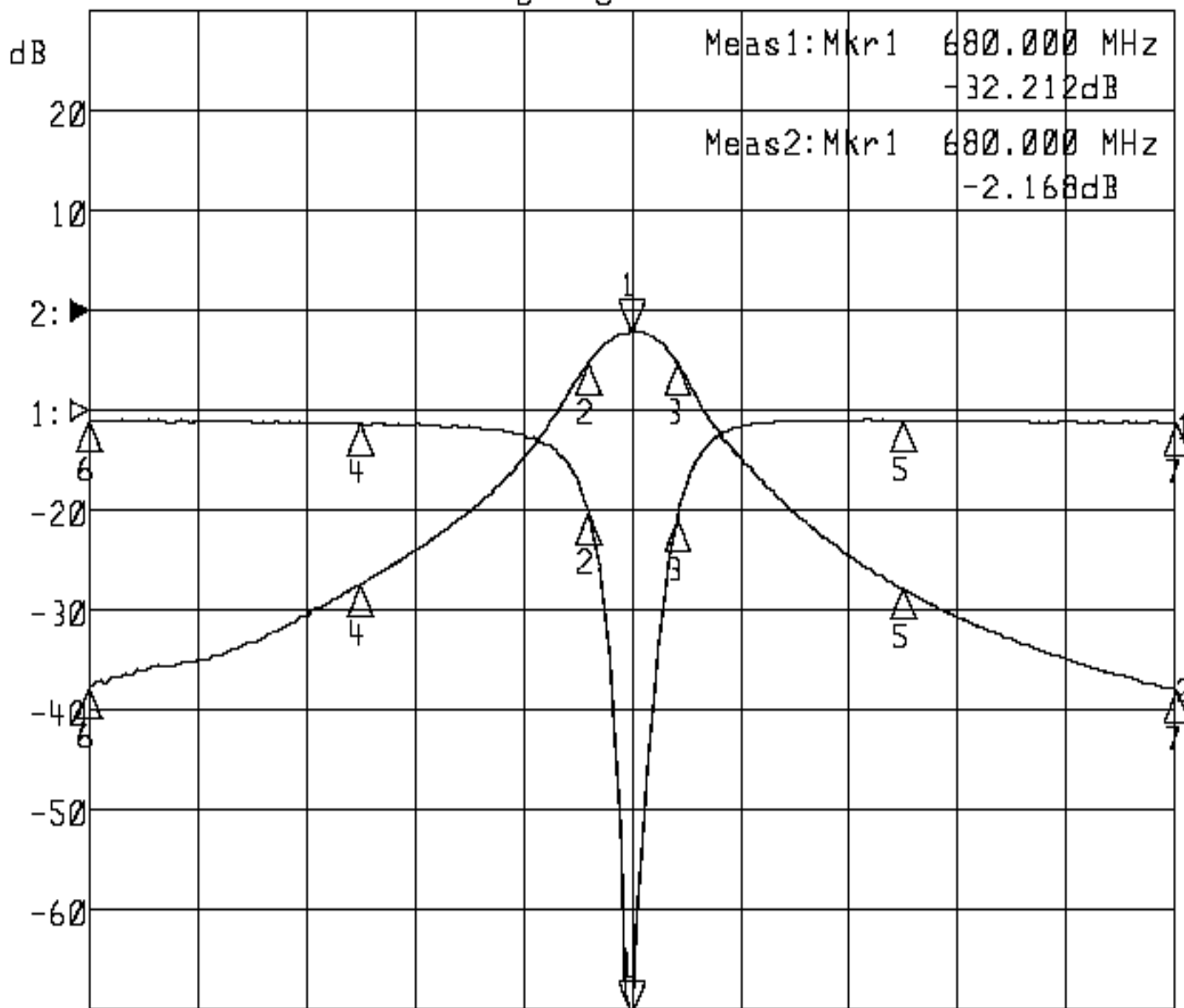
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H2S,4*465 7H046LB4 聚 3

TEMWELL CORPORATION

Performance- TD67116D-680M

9703112

▶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 680.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 680.0000	-32.212	1> 680.0000	-2.168
2: 672.0667	-5.120	2: 672.0667	-5.142
3: 688.3333	-5.466	3: 688.3333	-5.176
4: 630.0000	-0.637	4: 630.0000	-27.420
5: 730.0000	-0.512	5: 730.0000	-27.850
6: 580.0000	-0.548	6: 580.0000	-37.809
7: 780.0000	-0.637	7: 780.0000	-38.058