

T E M W E L L

Custom Made UHF Filter & Duplexer

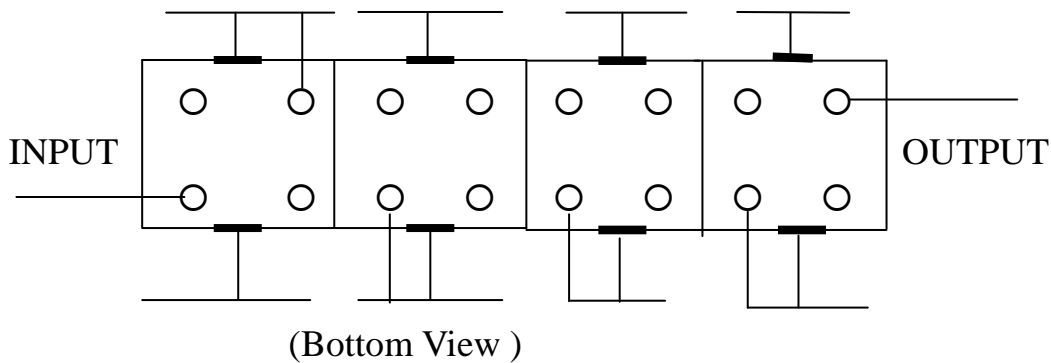
Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TFL69531F-565M
Approval No. /dated	20208026DC	Customer's Part No.	
Work Instruction No.	20208026DC	Date	2002.08.09
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	7H4	Case size : (mm)	
Terminator Type	F		

* Pin Position (Pin Connection) diagram as following

(F) Type



(3) Electric Character

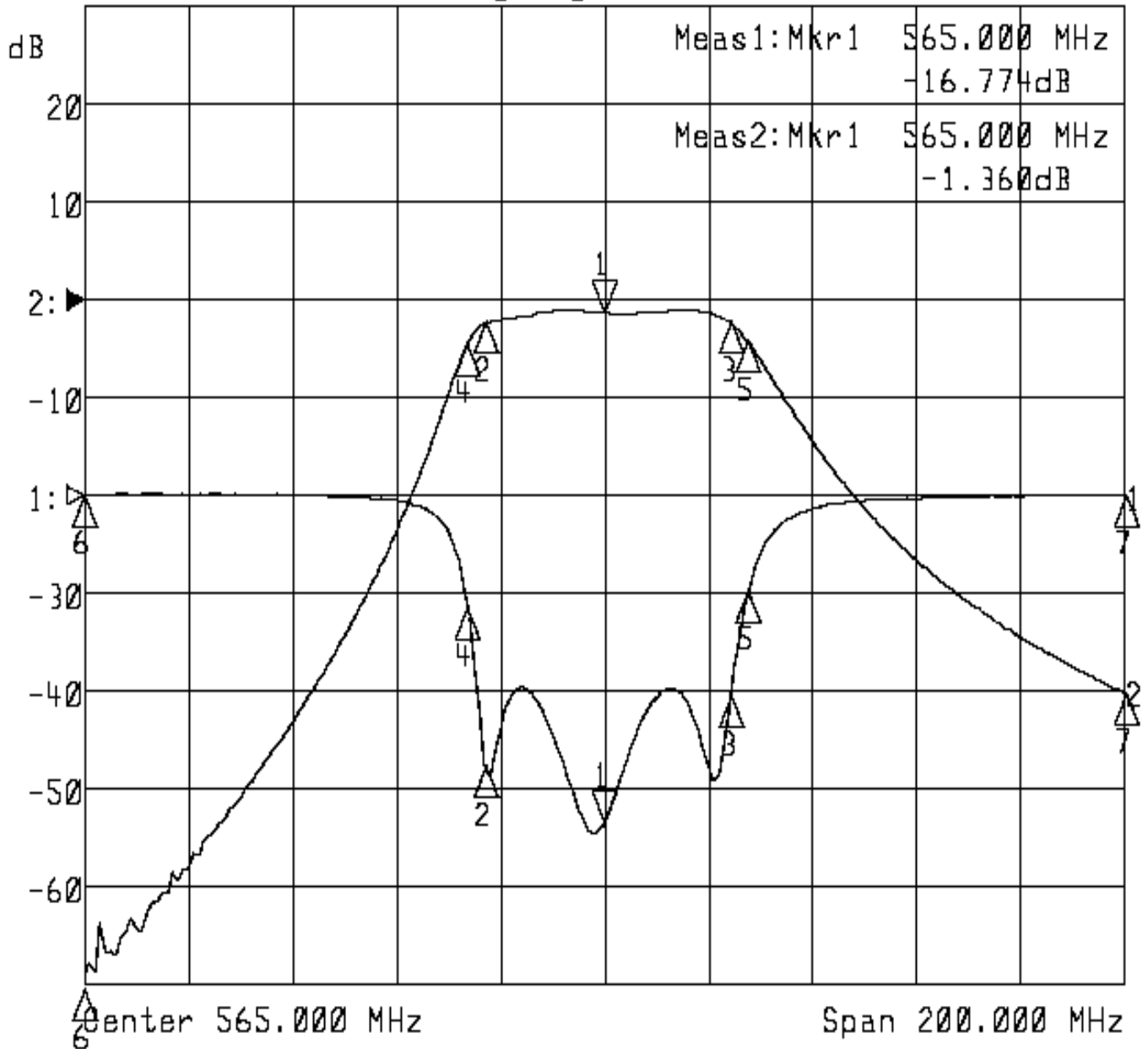
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	565 MHz	565 MHz	
Insertion Loss	Typ . 2.0 dB	1.3 dB	
-1 dB Bandwidth	Typ. 45 MHz	47 MHz	
-3 dB Bandwidth	Typ. 50 MHz	52 MHz	
Sensitivity (Attenuation)	Fo- 100 MHz	Typ. 67 dBc	70 dBc
	Fo+ 100 MHz	Typ. 36 dBc	39 dBc
	Fo- () MHz	Typ. dBc	dBc
	Fo+ () MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	16 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 75 Ω	In / Out : 75 Ω	

Approval	Supervisor	Designer	Aperture size
C.S.Chang	C.S.Chang	C.S.Chang	7H4S(4*6.5) 7H046LB5
TEMWELL CORPORATION			

Performance-TFL69531F-565M

20208026DC

▶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



1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 565.0000	-16.774	1> 565.0000	-1.360
2: 542.0667	-13.854	2: 542.0667	-2.334
3: 589.2667	-10.268	3: 589.2667	-2.337
4: 538.7333	-5.710	4: 538.7333	-4.413
5: 592.7333	-4.835	5: 592.7333	-4.359
6: 465.0000	0.002	6: 465.0000	-71.191
7: 665.0000	-0.027	7: 665.0000	-40.289