



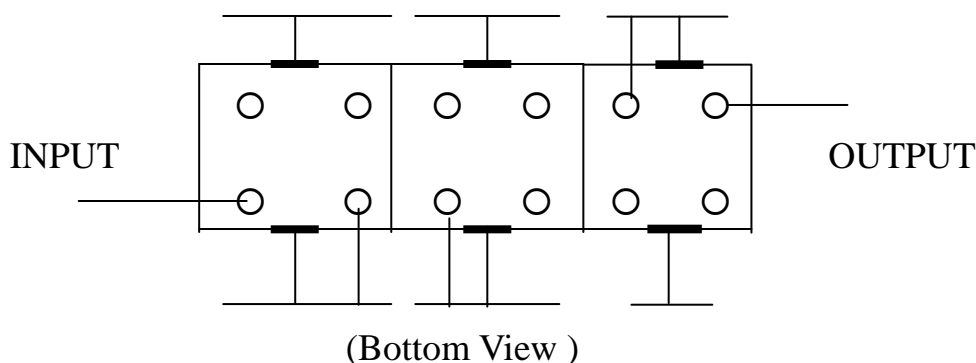
Custom Made UHF Filter & Duplexer

Helical Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TTWL3473B-614M
Approval No. /dated	20111147B	Customer's Part No.	
Work Instruction No.	20111147B	Date	2001.11.26
<input type="checkbox"/> Buyer Print name		<input type="checkbox"/> Temwell,s print name	
Case Name	5HW3S	Case size : (mm)	
Terminator Type	B		

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



(3) Electric Character

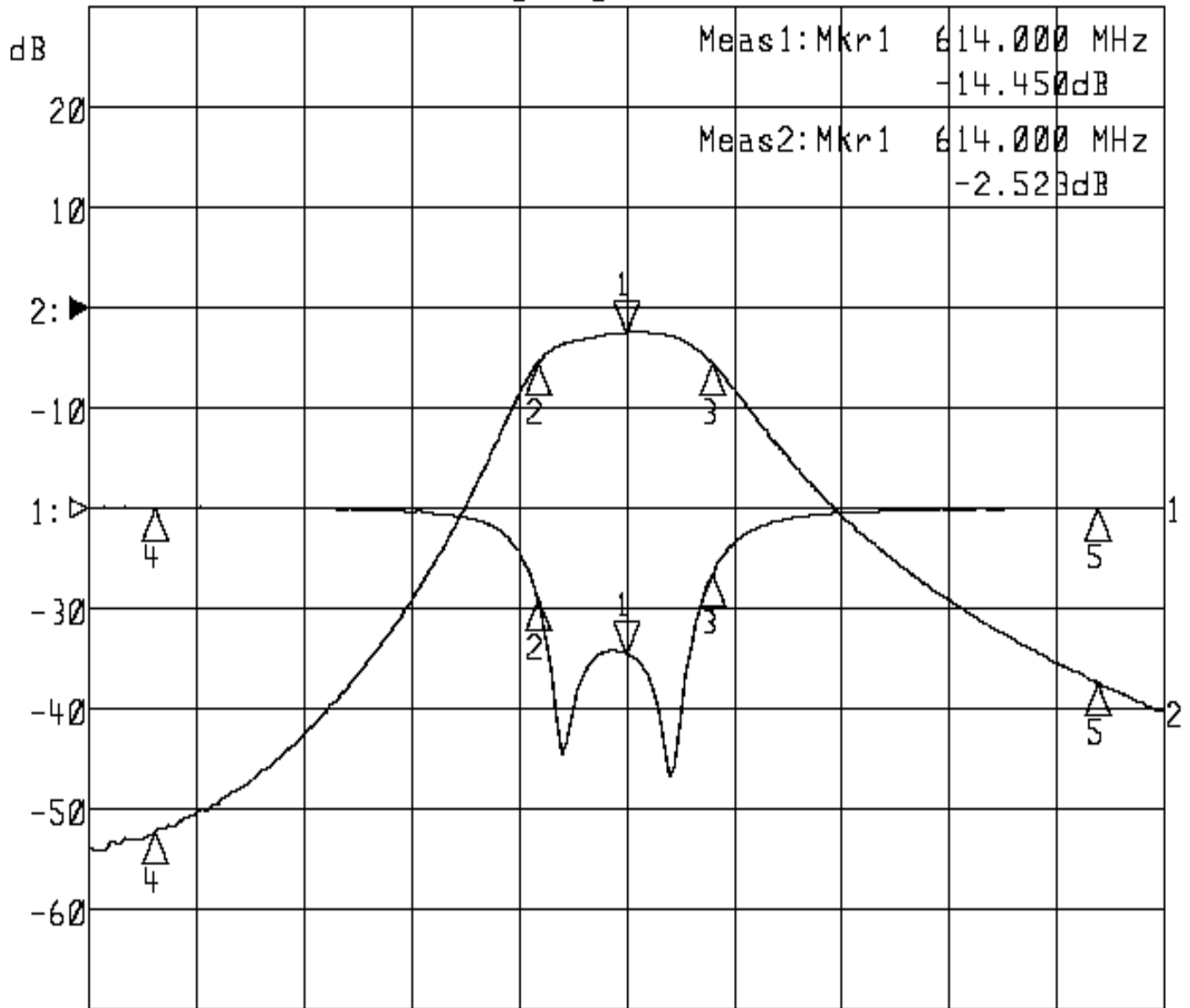
Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	614 MHz	614 MHz
Insertion Loss	Typ. 3.5 dB	2.5 dB
-3 dB Bandwidth	Typ. 24 MHz	26 MHz
Sensitivity (Attenuation)	Fo - 70 MHz	Typ. 47 dBc
	Fo +70 MHz	Typ. 34 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	14 dB
Ripple	< 1 dB	dB
Group Delay	ns	ns
Impedance	In / Out : 75 Ω	In / Out : 75 Ω

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	5W3S,3.8*4.2 5HW024RB3
TEMWELL CORPORATION		駿凱電技股份有限公司	

Performance- TTWL3473B-614M

20111147M

▶1:S11 Refl Port1 Log Mag 10.0 dB/ Ref 0.00 dB C
 ▶2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 614.000 MHz

Span 160.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 614.0000	-14.450	1> 614.0000	-2.523
2: 600.8267	-9.012	2: 600.8267	-5.500
3: 626.8533	-6.517	3: 626.8533	-5.557
4: 544.0000	0.010	4: 544.0000	-52.190
5: 684.0000	-0.090	5: 684.0000	-37.389