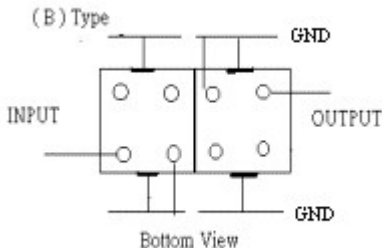
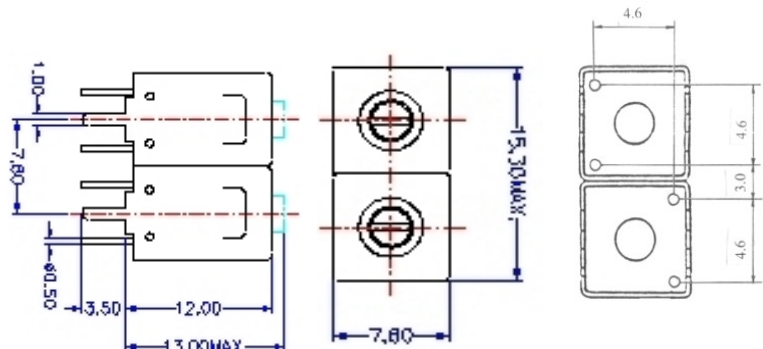


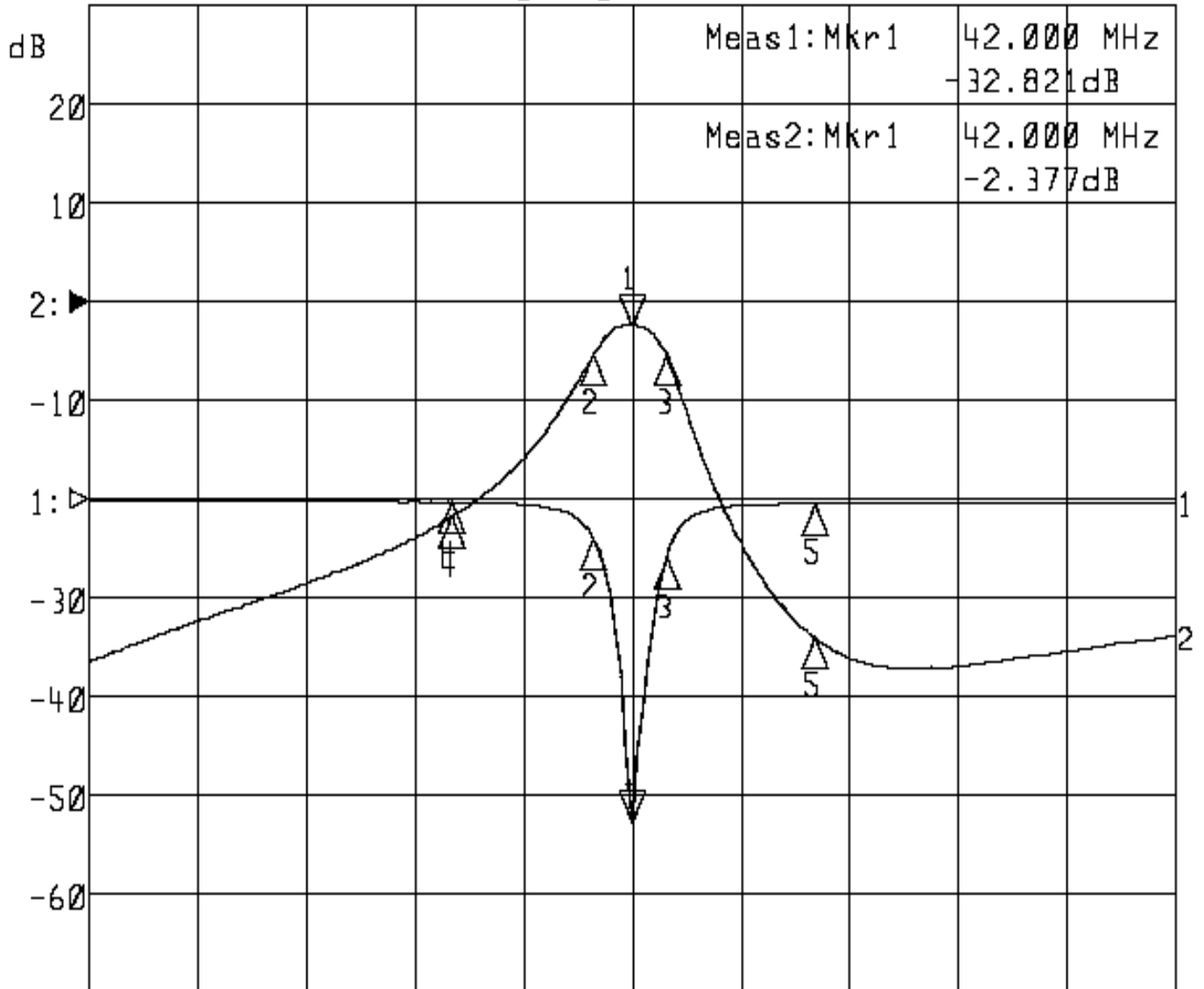
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TD67624B-42M
Approval No. /dated	20302026DC	Acceptable Specify Range	42~45MHz
Work Instruction No.	20302026DC	Date	
(1)Pin Position		(2)Size Diagram	
 <p style="text-align: center;">Bottom View</p>			
(3)Electric Charasteric			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	42 MHz	42 MHz	
Tunable Range	42±2 MHz	42±2 MHz	
Insertion Loss	Typ. 3.5 dB	2.37 dB	
-3 dB Bandwidth	Typ. 3 MHz	4 MHz	
Sensitivity (Attenuation)	Fo - 10 MHz	Typ. 17 dBc	19 dBc
	Fo + 10 MHz	Typ. 29 dBc	31 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	32 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	
(4)Torque for Tuning Screw		> 100gf · cm	
(5)Temperature Condition:			
Operating Temperature		0°C ~ +60°C	
Storage Temperature		20°C ~ +70°C	
(6)Input Power		> 1Watt	
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H2S(4*6.5F) 7H00LB6
TEMWELL CORPORATION			

Performance-TD67624B-42M

20302026DC

►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 42.000 MHz

Span 60.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 42.0000	-32.821	1> 42.0000	-2.377
2: 39.8800	-4.001	2: 39.8800	-5.364
3: 43.8600	-6.098	3: 43.8600	-5.337
4: 32.0000	-0.338	4: 32.0000	-21.866
5: 52.0000	-0.487	5: 52.0000	-33.975