

# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT6760B-210M
Approval No. /dated	20011023B	Acceptable Specify Fo. Range	196~220M
Work Instruction No.	20011023B	Date	Nov.15.2000

<p>(1) Pin Position</p> <p style="text-align: center;">Bottom View</p>	<p>(2) Size Diagram</p>
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(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.75 %	210 MHz	210	MHz
Tunable Range	210±4 MHz	210±4	MHz
Insertion Loss	Typ. 4 dB	2.7	dB
-3 dB Bandwidth	Typ. 7 MHz	9	MHz
Sensitivity (Attenuation)	Fo - 10 MHz	Typ. 19 dB <sub>c</sub>	21 dBc
	Fo + 10 MHz	Typ. 17 dB <sub>c</sub>	20 dBc
	Fo - (50 )MHz	Typ. 60 dB <sub>c</sub>	83 dBc
	Fo +(50 )MHz	Typ. 60 dB <sub>c</sub>	71 dBc
Return Loss	Min. 12 dB	41	dB
Ripple	< 1 dB	1	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	
(4) Torque for Tuning Screw	> 100gf • cm		

(5) Temperature Condition:	
Operating Temperature	-30°C ~ +70°C
Storage Temperature	-30°C ~ +80°C
(6) Input Power	> 1Watt

Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	W.W. Wang	7H3S, (4*5.5) F 7H024LB4

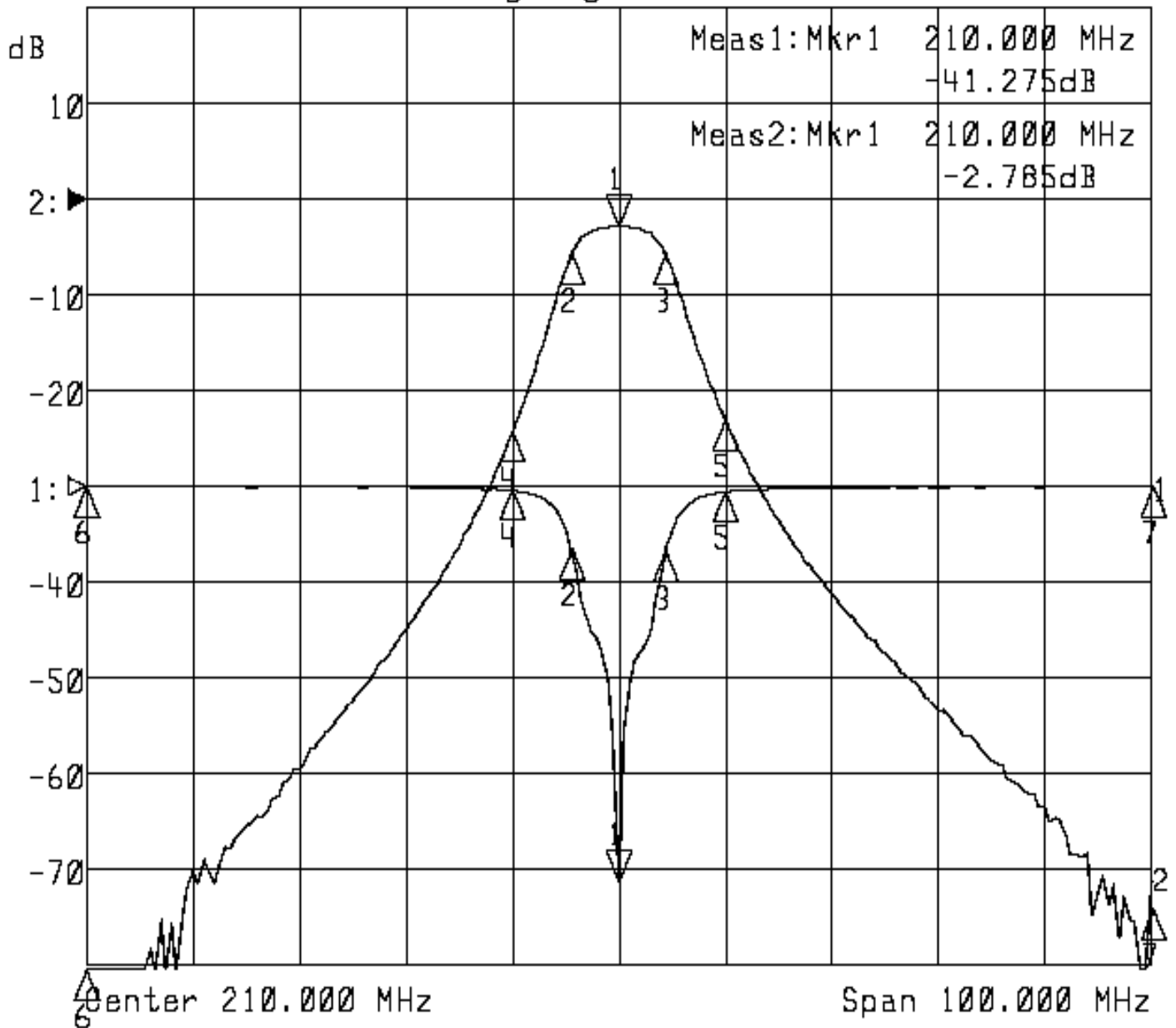
TEMWELL CORPORATION

# Performance-TT6760B-210M

## 20011023B

▶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



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 210.0000	-41.275	1> 210.0000	-2.785
2: 205.5333	-6.492	2: 205.5333	-5.822
3: 214.4333	-6.645	3: 214.4333	-5.766
4: 200.0000	-0.352	4: 200.0000	-24.370
5: 220.0000	-0.580	5: 220.0000	-22.989
6: 160.0000	-0.096	6: 160.0000	-85.960
7: 260.0000	-0.104	7: 260.0000	-74.312