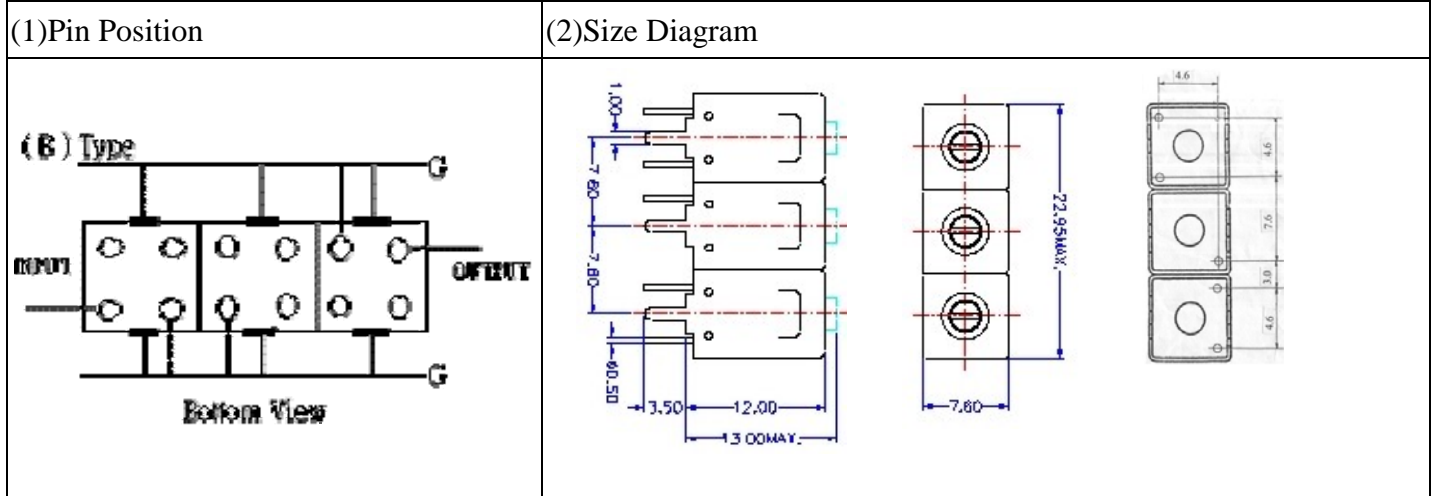


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTL67610B-430M
Approval No. /dated	20208073DC	Acceptable Specify Fo. Range	401~455MHz
Work Instruction No.	20208073DC	Date	Sep. 2, 2002



(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	430 MHz	430 MHz	
Tunable Range	430±3 MHz	430±3 MHz	
Insertion Loss	Typ 1.5 dB	0.7 dB	
-1 dB Bandwidth	Typ 60 MHz	63 MHz	
-3 dB Bandwidth	Typ 65 MHz	68 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 36 dBc	38 dBc
	Fo + 100 MHz	Typ. 24 dBc	26 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	

(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
-----------------	---------

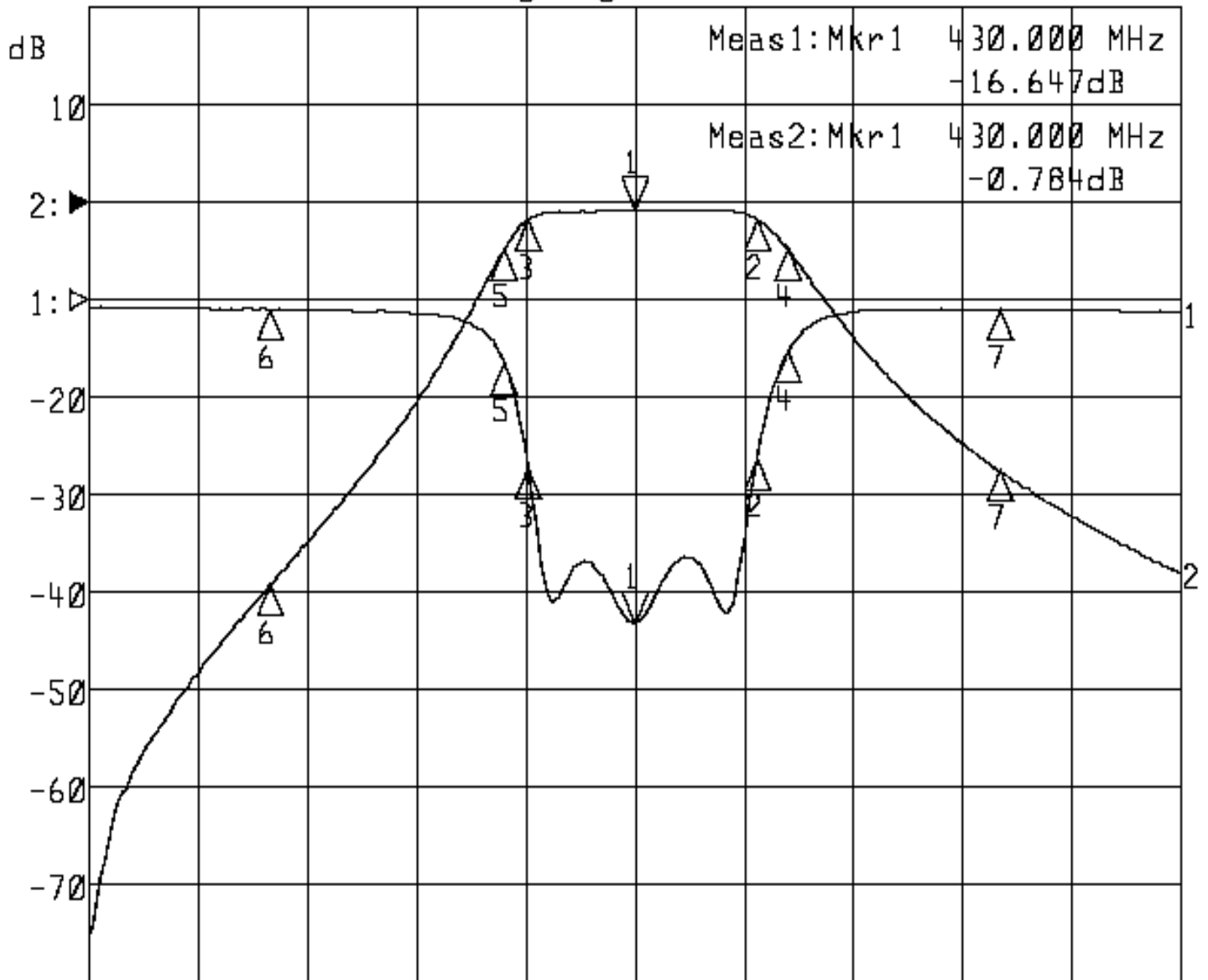
Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	7H3S 4*7.5 7H046LB5.5

TEMWELL CORPORATION

Performance-TTL67610B-430M

20208073DC

▶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 430.000 MHz

Span 300.000 MHz

1:Mkr (MHz)		dB	2:Mkr (MHz)		dB
1>	430.0000	-16.647	1>	430.0000	-0.784
2:	463.6000	-8.063	2:	463.6000	-1.745
3:	400.8000	-8.621	3:	400.8000	-1.754
4:	472.0000	-2.677	4:	472.0000	-4.778
5:	394.3000	-3.283	5:	394.3000	-4.755
6:	330.0000	-0.530	6:	330.0000	-39.240
7:	530.0000	-0.521	7:	530.0000	-27.549