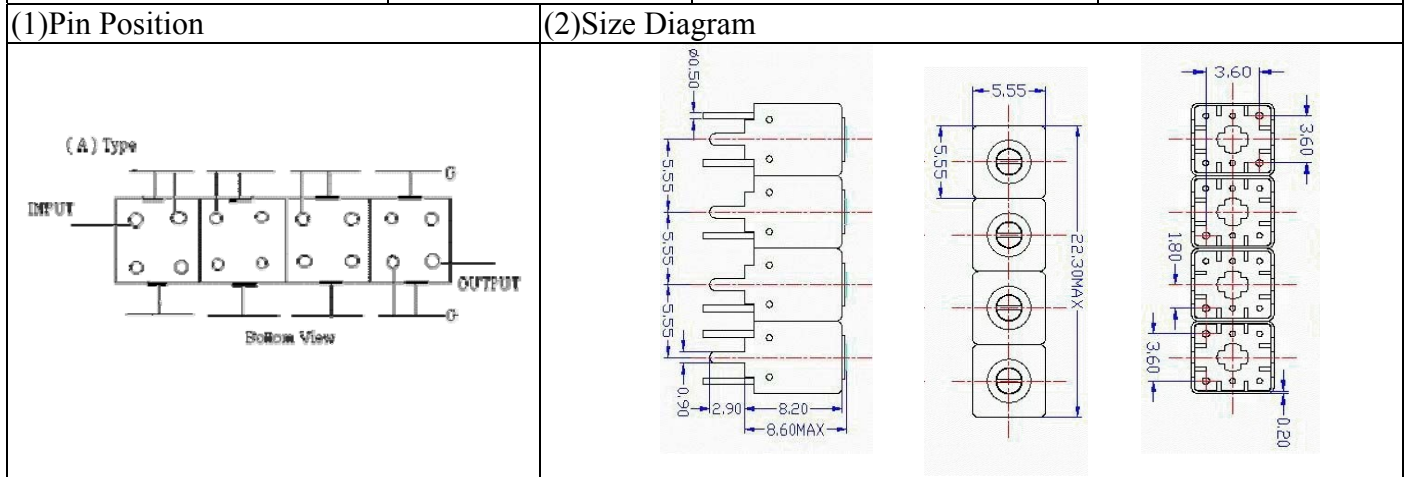


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4433A-425M
Approval No. /dated	201302034CD	Temwell's Print Name	4433A 425M
Work Instruction No.	201302034CD	Date	Feb.19.2013



(3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	425 MHz	425 MHz	
Insertion Loss	Typ. 3.5 dB	2.47 dB	
-3 dB Bandwidth	Typ. 23 MHz	27.4 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 52 dBc	55 dBc
	Fo + 50 MHz	Typ. 40 dBc	43 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	35.5 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	
(4) Torque for Tuning Screw	> 60gf · cm		

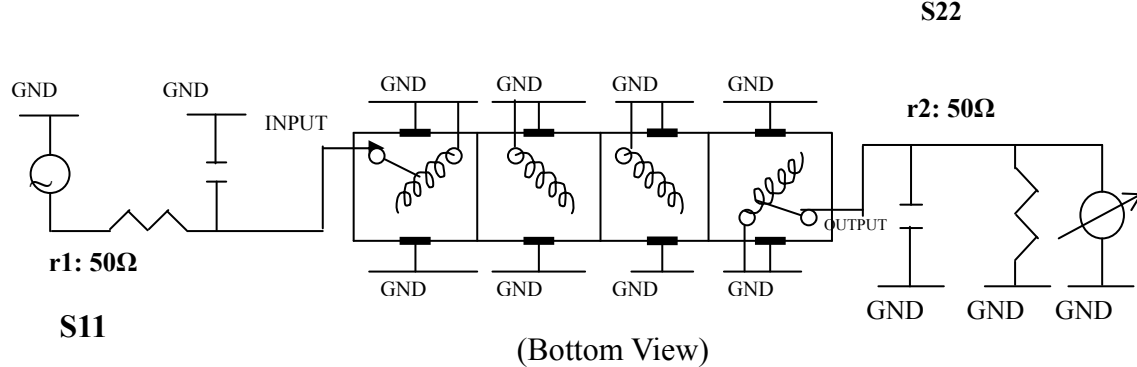
(5) Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

(6) Input Power

> 0.5Watt

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(--)



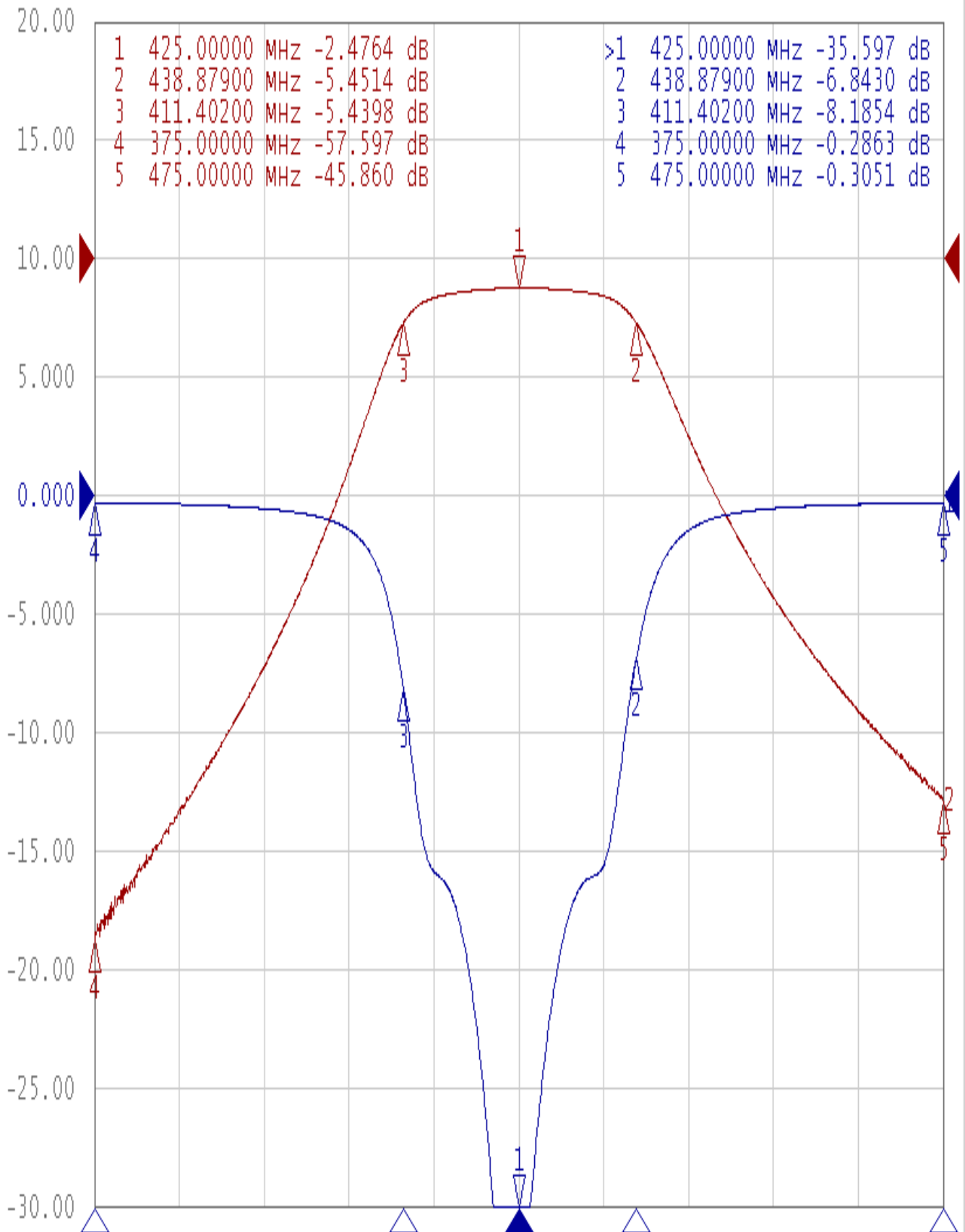
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.S.Chang	5W4S(3.8*4.5)(4.62) 5HW020RB3.5

TEMWELL CORPORATION

Performance-TFW4433A-425M

201302034CD

▶ Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]



1 Center 425 MHz

IFBW 10 kHz

Span 100 MHz Cor !