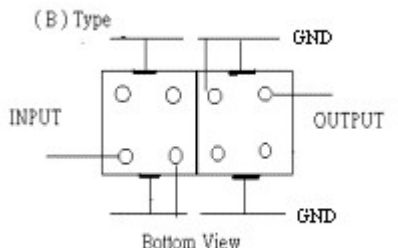
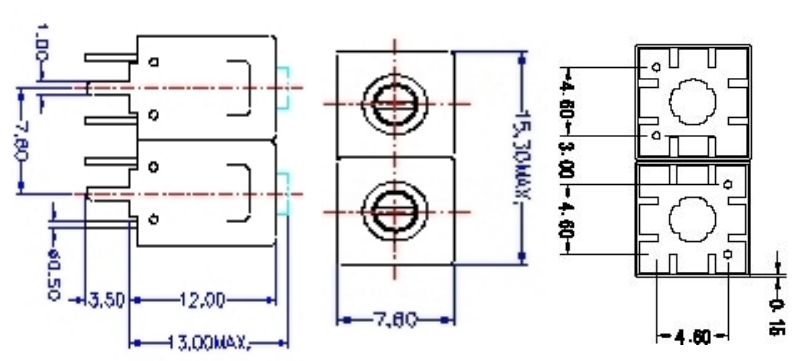


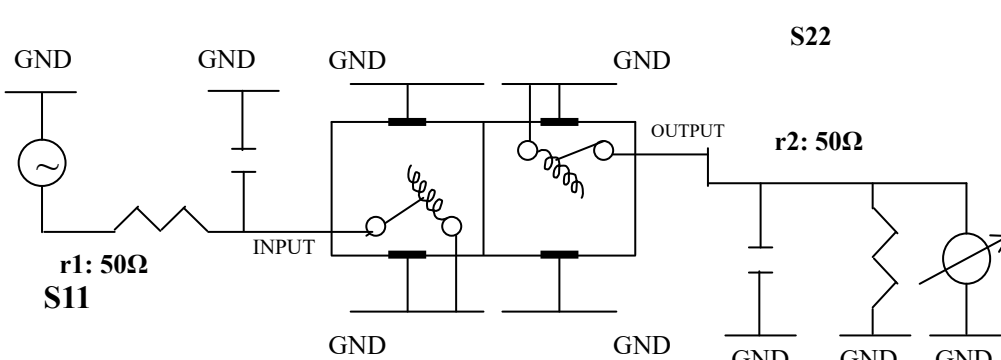
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TD67707B-470M
Approval No. /dated	1407181APR	Temwell's Print Name	67707B 470M
Work Instruction No.	201407181BD	Date	Jul.14.2014

(1)Pin Position	(2)Size Diagram
 (B) Type INPUT OUTPUT GND GND Bottom View	

(3)Electric Charasteric		
Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	470 MHz	470 MHz
Insertion Loss	Typ. 2.0 dB	0.89 dB
-3 dB Bandwidth	Typ. 30 MHz	32.2 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 13 dBc
	Fo + 50 MHz	Typ. 17 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	21.1 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

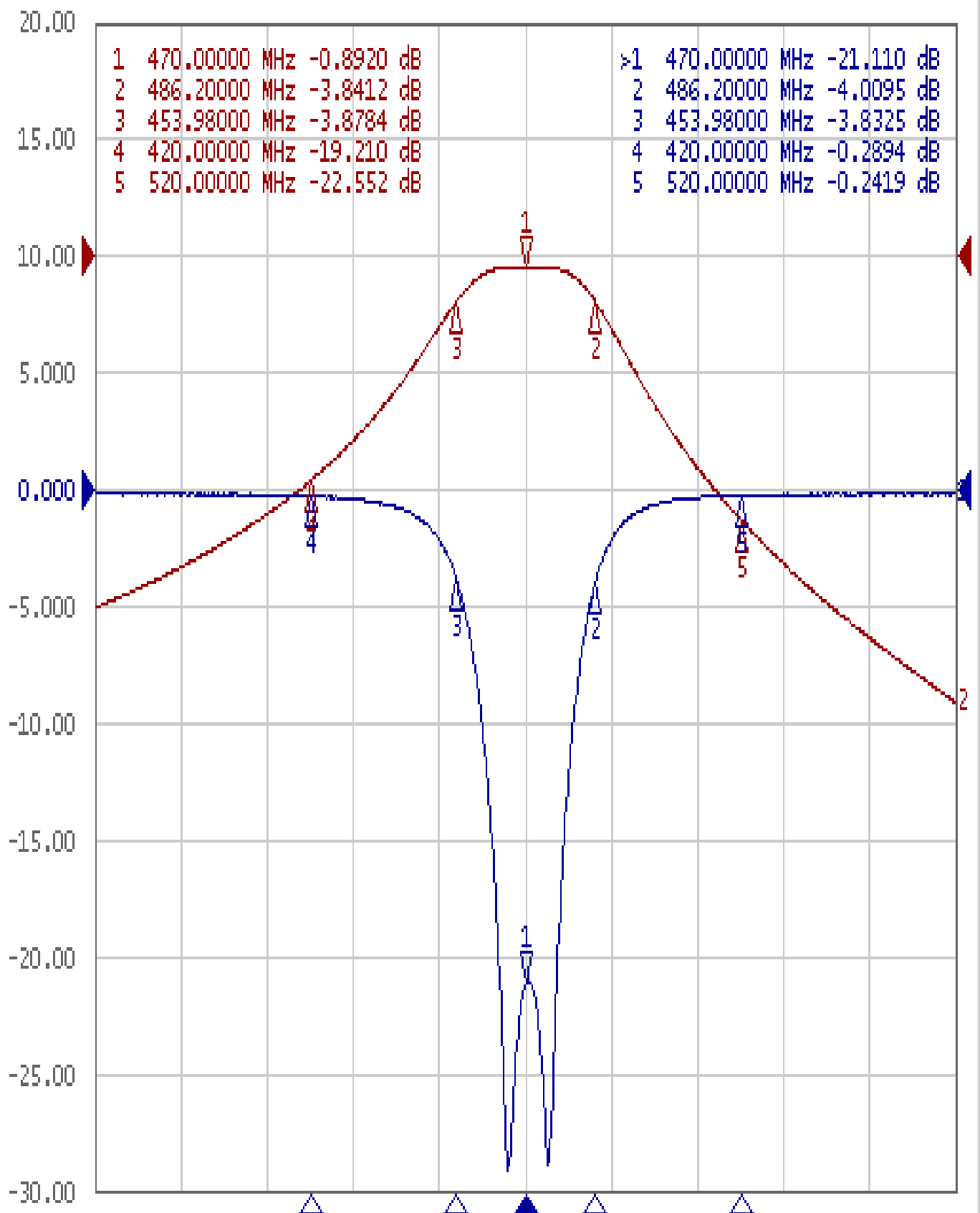
(7)Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about (--) pF.	
 (Bottom View)	

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	F.L.Lai	7H2S(4*7.5)(4*7.54) 7H046LB4.3 聚 3
TEMWELL CORPORATION			

Performance-TD67707B-470M

201407181BD

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



1 Center 470 MHz

IFBW 70 kHz

Span 200 MHz

Cor !