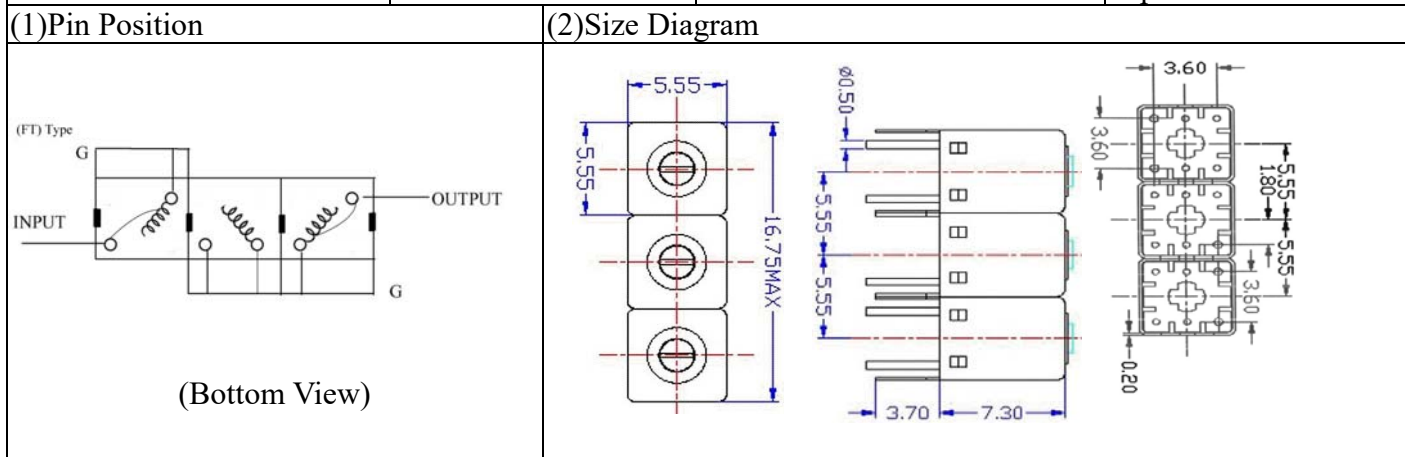


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTR3900FT-472.5M
Approval No. /dated		Temwell's Print Name	3900FT 472.5M
Work Instruction No.	201408068A	Date	Sep.24.2014



### (3)Electric Charasteric

Item	Specify
Center Freq.(Fo ) +/- 0.5 %	472.5 MHz
Insertion Loss	Typ. 3.0 dB
-1 dB Bandwidth	Typ. 22 MHz
Sensitivity (Attenuation)	Fo - 50 MHz Typ. 25 dB
	Fo + 50 MHz Typ. 28 dB
	Fo - ( )MHz Typ. dB
	Fo +( )MHz Typ. dB
Return Loss	Min. 12 dB
Ripple	< 1 dB
Impedance	In / Out : 50 Ω

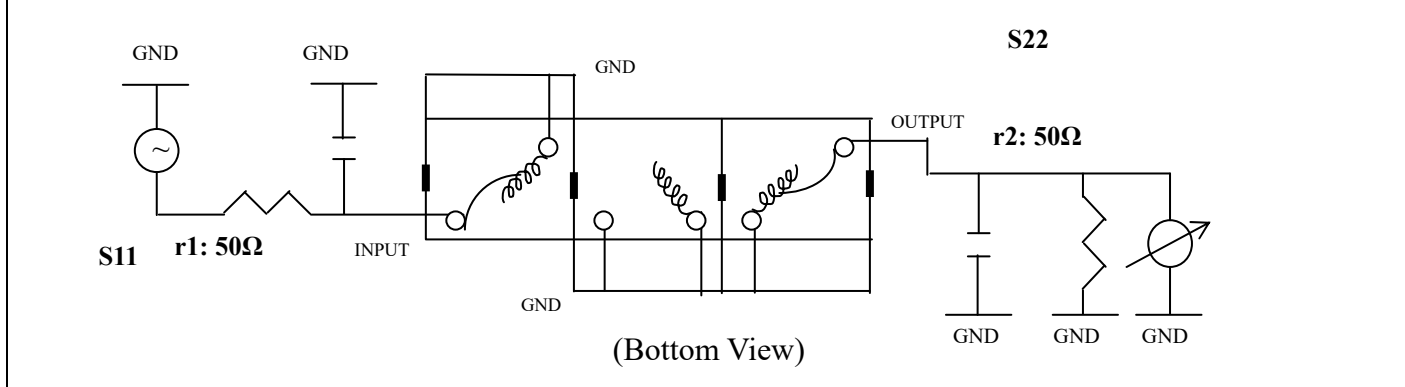
(4)Torque for Tuning Screw > 60gf · cm

### (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(--).

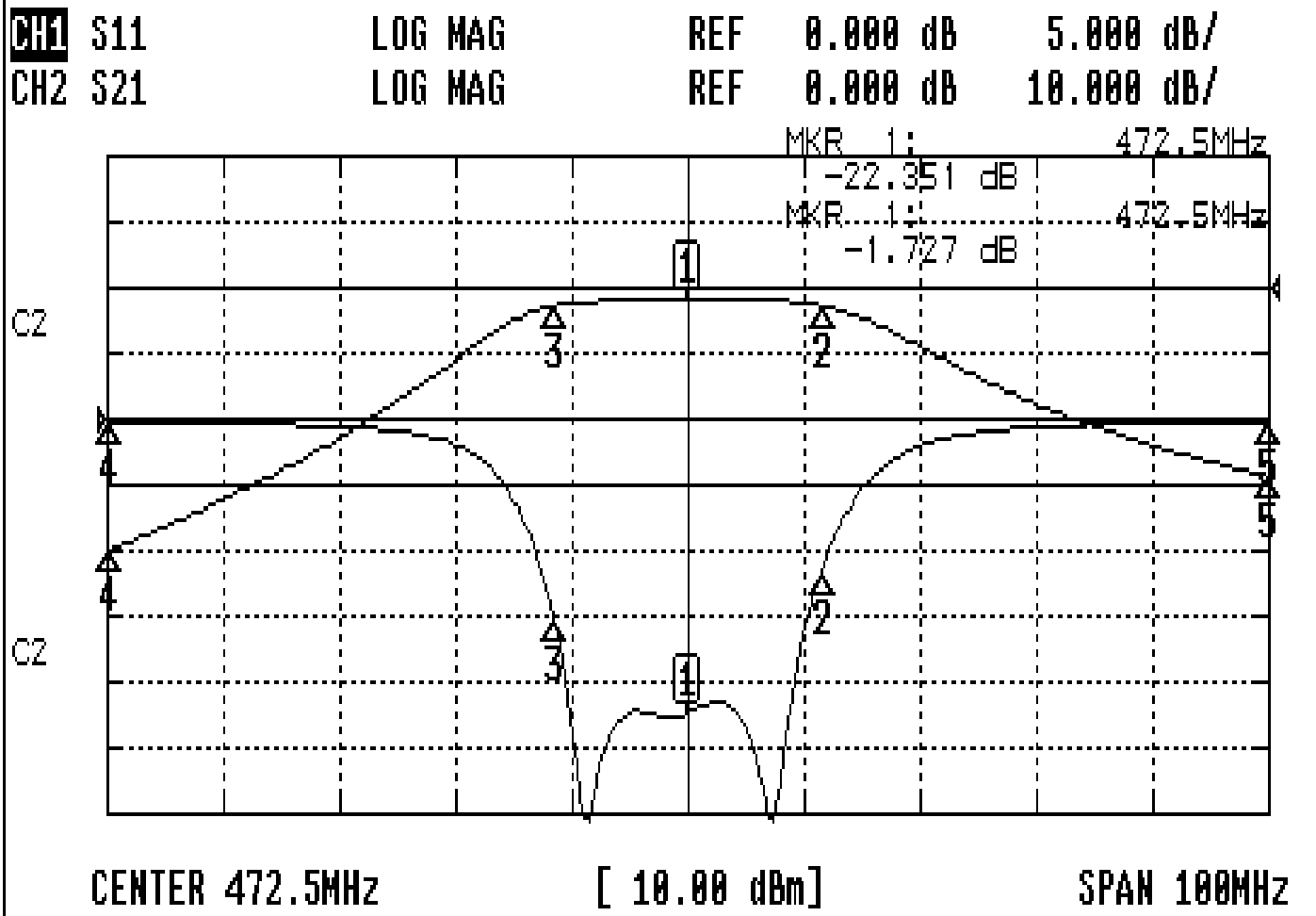


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	P.H.Chiang	5R3S(3.8*3.65)(3.70) 5HW024LB3.6

TEMWELL CORPORATION

# Performance-TTR3900FT-472.5M

## 201408068A



### CH1 MARKER LIST

1	472.500MHz	-22.363	dB
2	484.083MHz	-11.413	dB
3	461.083MHz	-15.405	dB
4	422.500MHz	-0.248	dB
5	522.500MHz	-0.235	dB

### CH2 MARKER LIST

1	472.500MHz	-1.727	dB
2	484.083MHz	-2.701	dB
3	461.083MHz	-2.721	dB
4	422.500MHz	-40.093	dB
5	522.500MHz	-28.695	dB