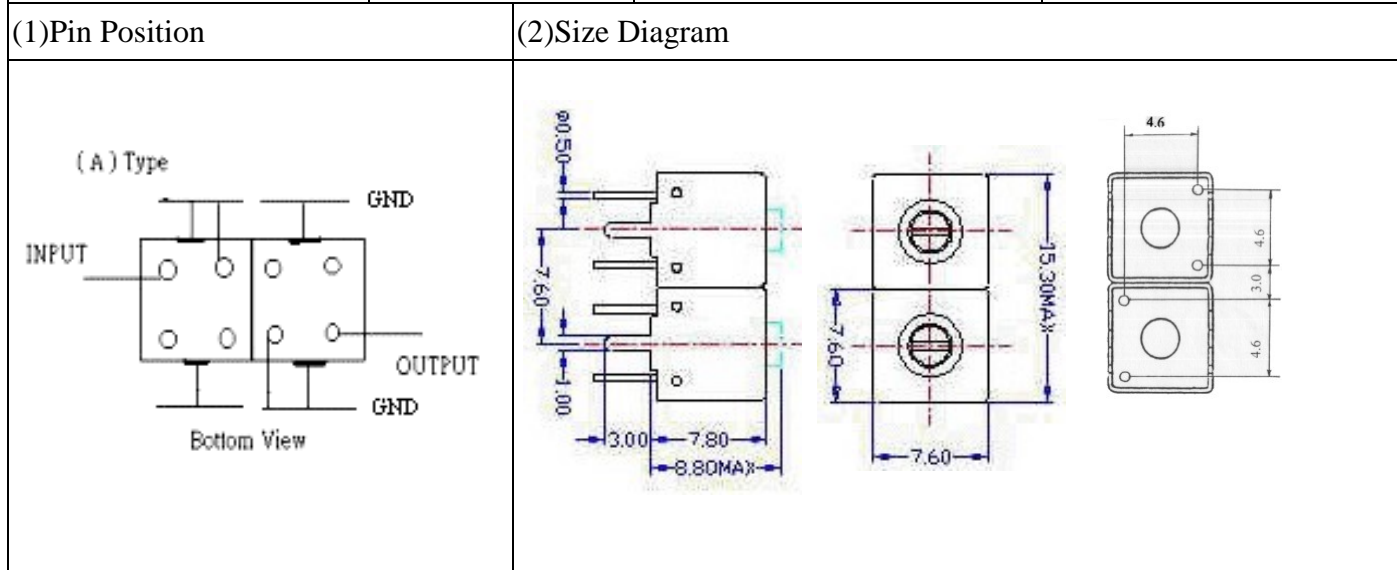


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2215A-960M
Approval No. /dated	20104062DC	Acceptable Specify Fo. Range	951~975MHz
Work Instruction No.	20104062DC	Date	2001.04.17



(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	960 MHz	960 MHz
Tunable Range	960±10 MHz	960±10 MHz
Insertion Loss	Typ. 3.0 dB	2.4 dB
-3 dB Bandwidth	Typ. 20 MHz	25 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 34 dBc
	Fo + 100 MHz	Typ. 29 dBc
	Fo - ( )MHz	Typ. dBc
	Fo +( )MHz	Typ. dBc
Return Loss	Min. 12 dB	20 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
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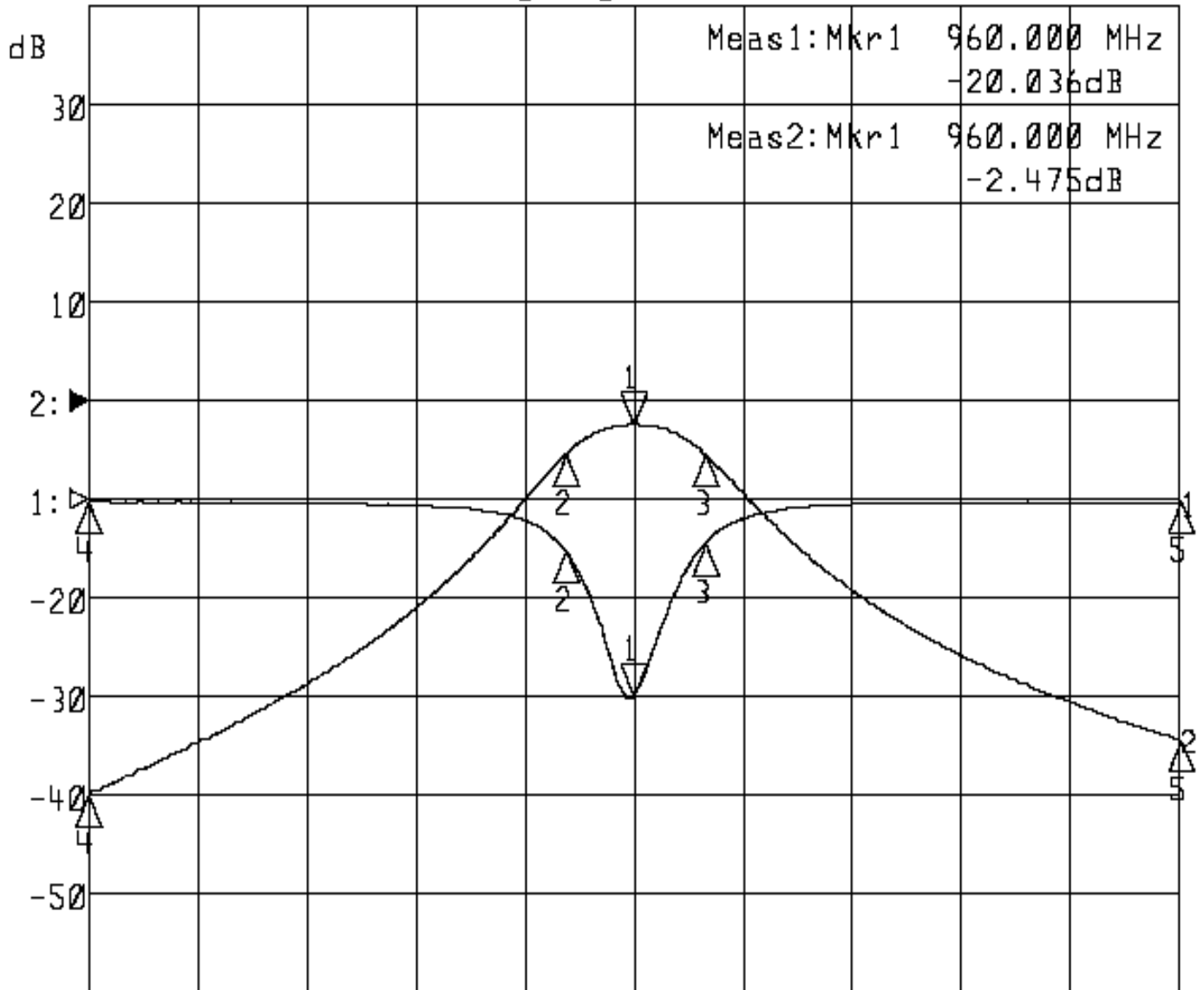
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S2S(4*4.5) 7S046LB4

TEMWELL CORPORATION

# Performance-TDS2215A-960M

## 20104062DC

▶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



Center 960.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1 > 960.0000	-20.036	1 > 960.0000	-2.475
2: 947.5333	-5.281	2: 947.5333	-5.420
3: 973.0667	-4.484	3: 973.0667	-5.447
4: 860.0000	-0.327	4: 860.0000	-39.920
5: 1060.0000	-0.351	5: 1060.0000	-34.382