

# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2323E-879.5M
Approval No. /dated		Temwell's Print Name	2323E 879.5M
Work Instruction No.	201206117BD	Date	June.18.2012

<p>(1) Pin Position</p> <p>(E) Type</p>	<p>(2) Size Diagram</p>
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(3) Electric Characteristic	
Item	Specify
Center Freq.(Fo) +/- 0.75 %	879.5 MHz
Insertion Loss	Typ 2.5 dB
-1 dB Bandwidth	Typ. 25 MHz
Sensitivity (Attenuation)	Fo - 100 MHz    Typ. 15 dB
	Fo + 100 MHz    Typ. 25 dB
	Fo - ( )MHz      Typ.    dBc
	Fo +( )MHz      Typ.    dBc
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	-20°C ~ +70°C
Storage Temperature	-30°C ~ +80°C
(6) Input Power	> 0.5Watt

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

**S22**

(Bottom View)

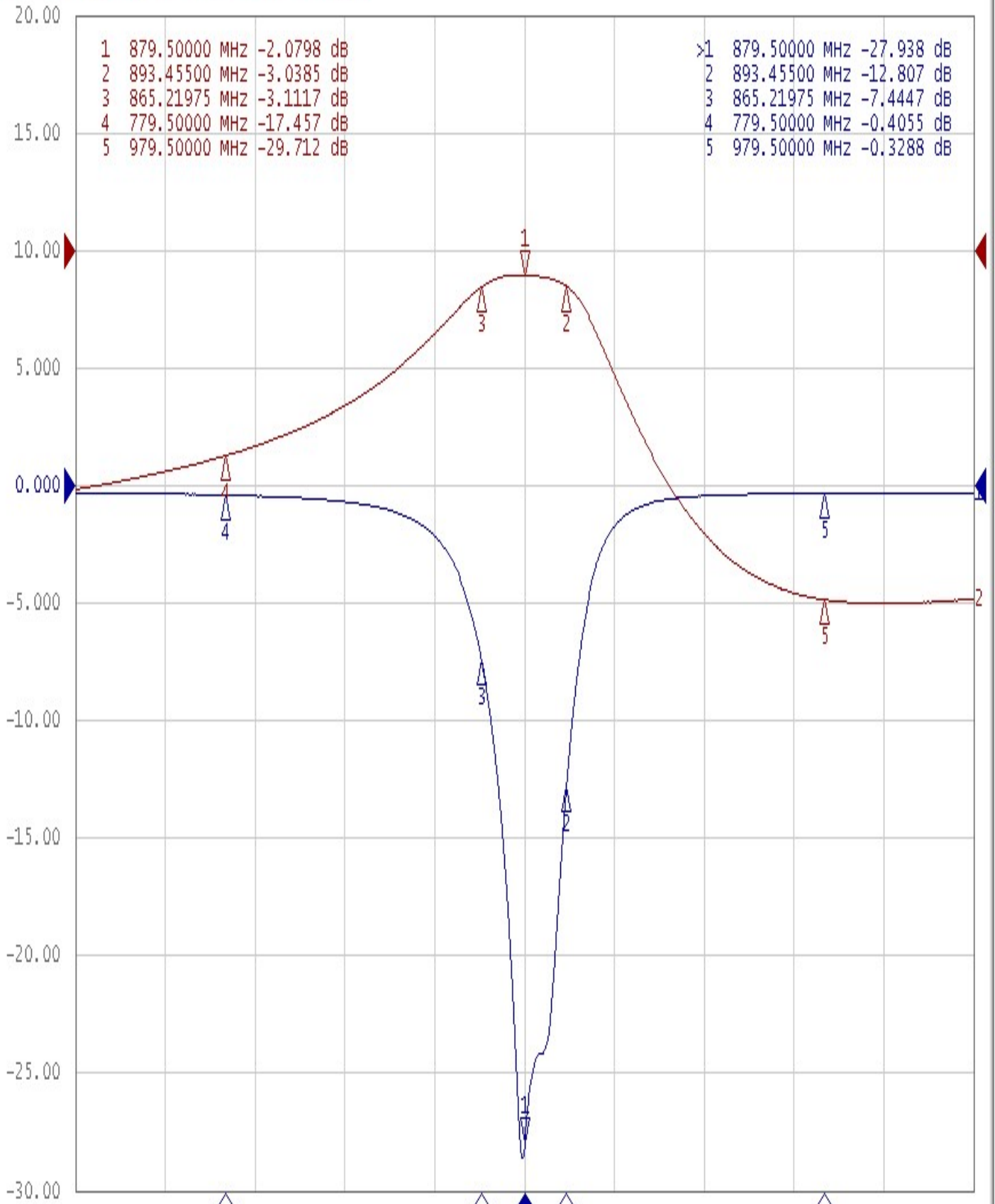
Approval C.Y.Chang	Supervisor C.K.Chang	Designer P.H.Chiang	Aperture size 7S2S(4*4.3)(4.35) 7S046LB6-J1
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**TEMWELL CORPORATION**

# Performance-TDS2323E-879.5M

## 201206117BD

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



1 Center 879.5 MHz

IFBW 70 kHz

Span 300 MHz Cor !