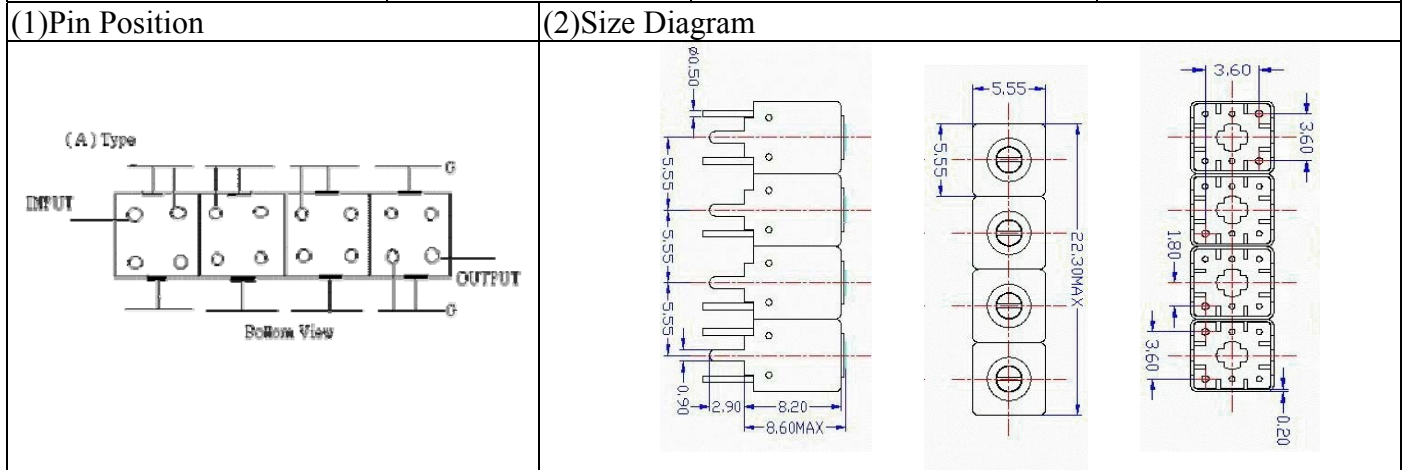
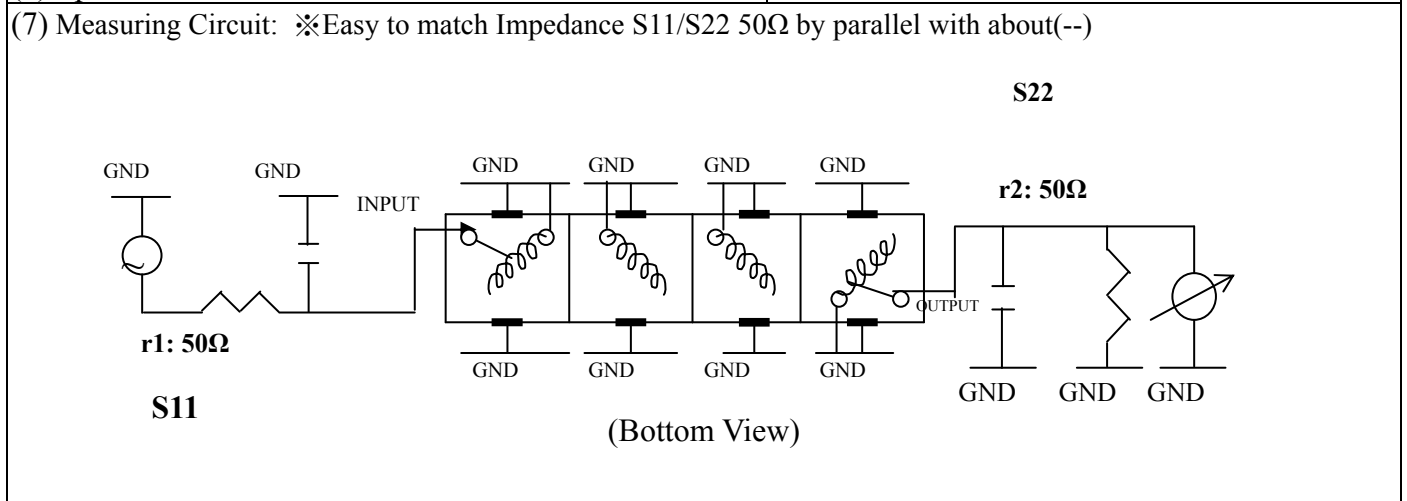


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4419A-325M
Approval No. /dated	201302032CD	Temwell's Print Name	4419A 325M
Work Instruction No.	201302032CD	Date	Feb.25.2013



(3) Electric Characteristic			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		325 MHz	325 MHz
Insertion Loss		Typ. 4.0 dB	3.17 dB
-3 dB Bandwidth		Typ. 16 MHz	18.3 MHz
Sensitivity (Attenuation)	Fo - 30 MHz	Typ. 46 dBc	49 dBc
	Fo + 30 MHz	Typ. 35 dBc	38 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	32.3 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		> 1Watt	



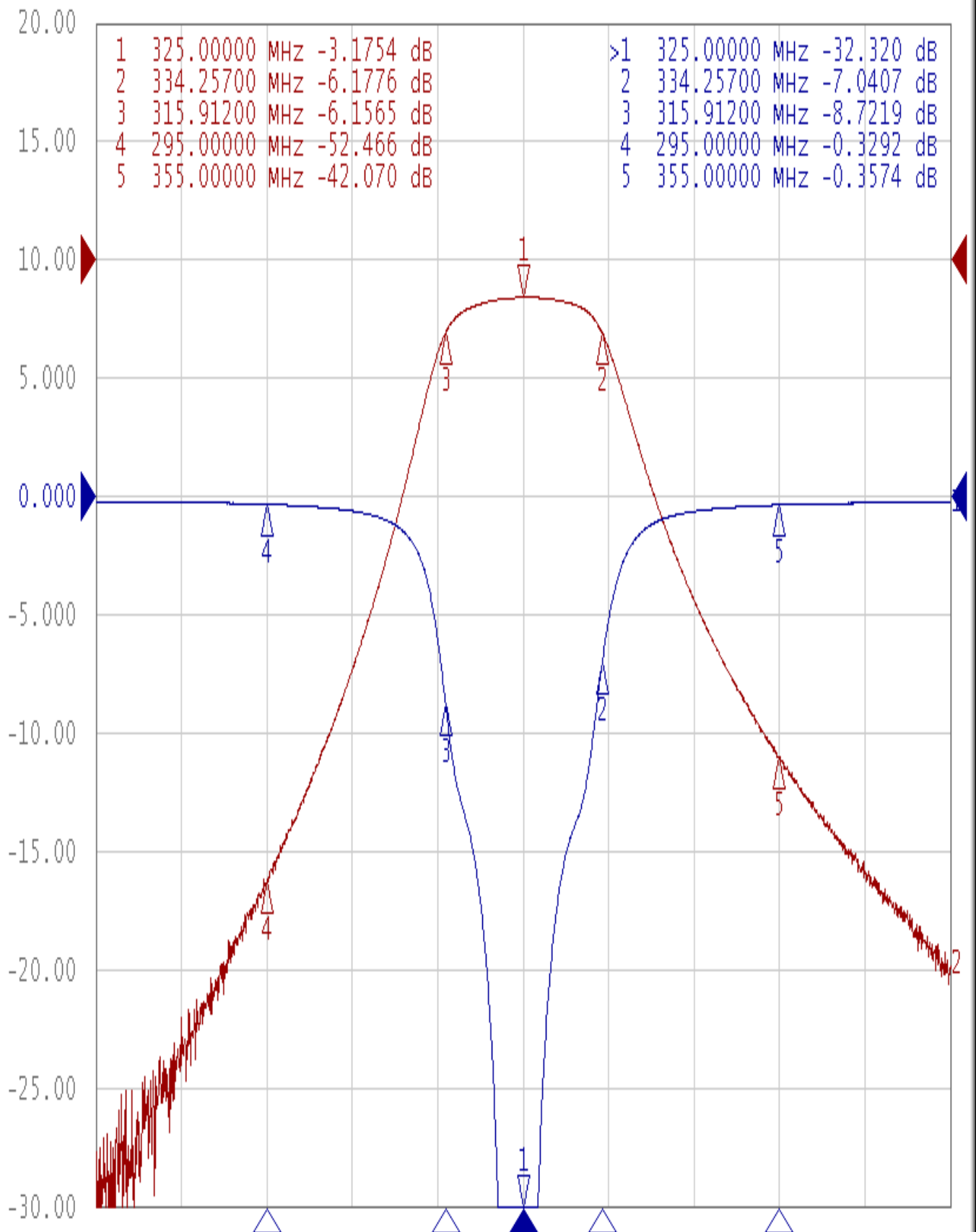
Approval C.Y.Chang	Supervisor C.K.Chang	Designer C.S.Chang	Aperture size 5W4S(3.8*4.0)(4.08) 5HW020RB3.5
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TEMWELL CORPORATION

Performance-TFW4419A-325M

201302032CD

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



1 Center 325 MHz

IFBW 10 kHz

Span 100 MHz Cor !