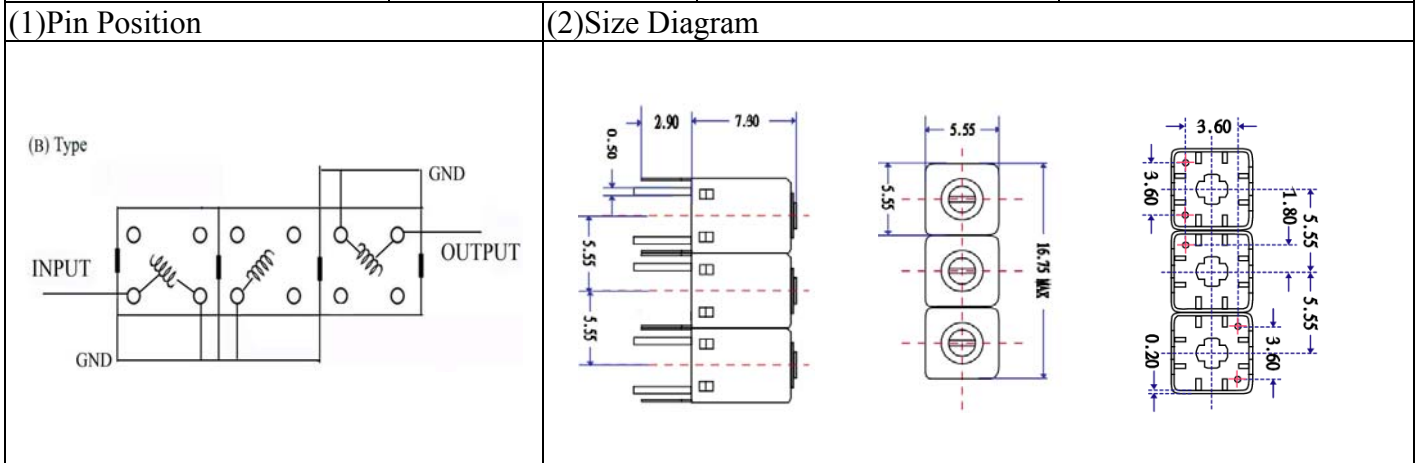


VHF UHF Helical Filter Specification Sheet

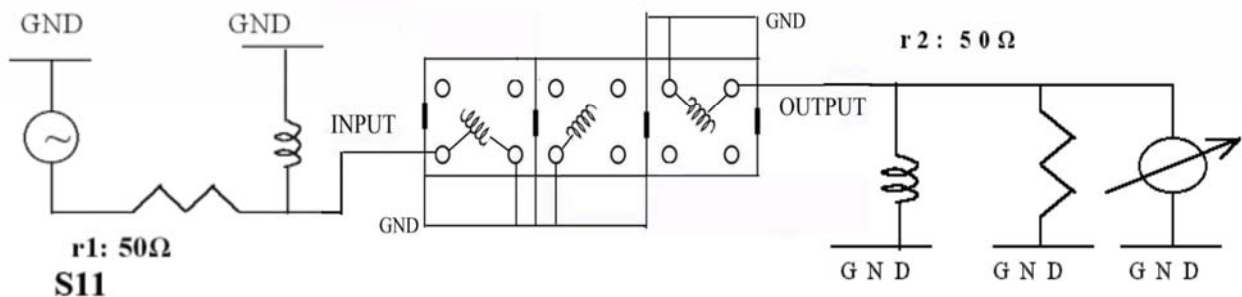
Customer Name		Temwell's Part No.	TTR3797B-1175M
Approval No. /dated	201505111CD	Temwell's Print Name.	3797B 1175M
Work Instruction No.	201505111CD	Date	Jul.16.2015



(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		1175 MHz	1175 MHz
Insertion Loss		Typ. 4.0 dB	3.15 dB
-3 dB Bandwidth		Typ. 26 MHz	35.1 MHz
Sensitivity (Attenuation)	Fo -50 MHz	Typ. 22 dBc	24 dBc
	Fo +50 MHz	Typ. 16 dBc	19 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	24.9 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	> 0.5Watt

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(- -).
S 2 2



(Bottom View)

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.S.Chang	5R3S(3.8*4.2)(5.25) 5HW024RB3

TEMWELL CORPORATION

TEMWELL

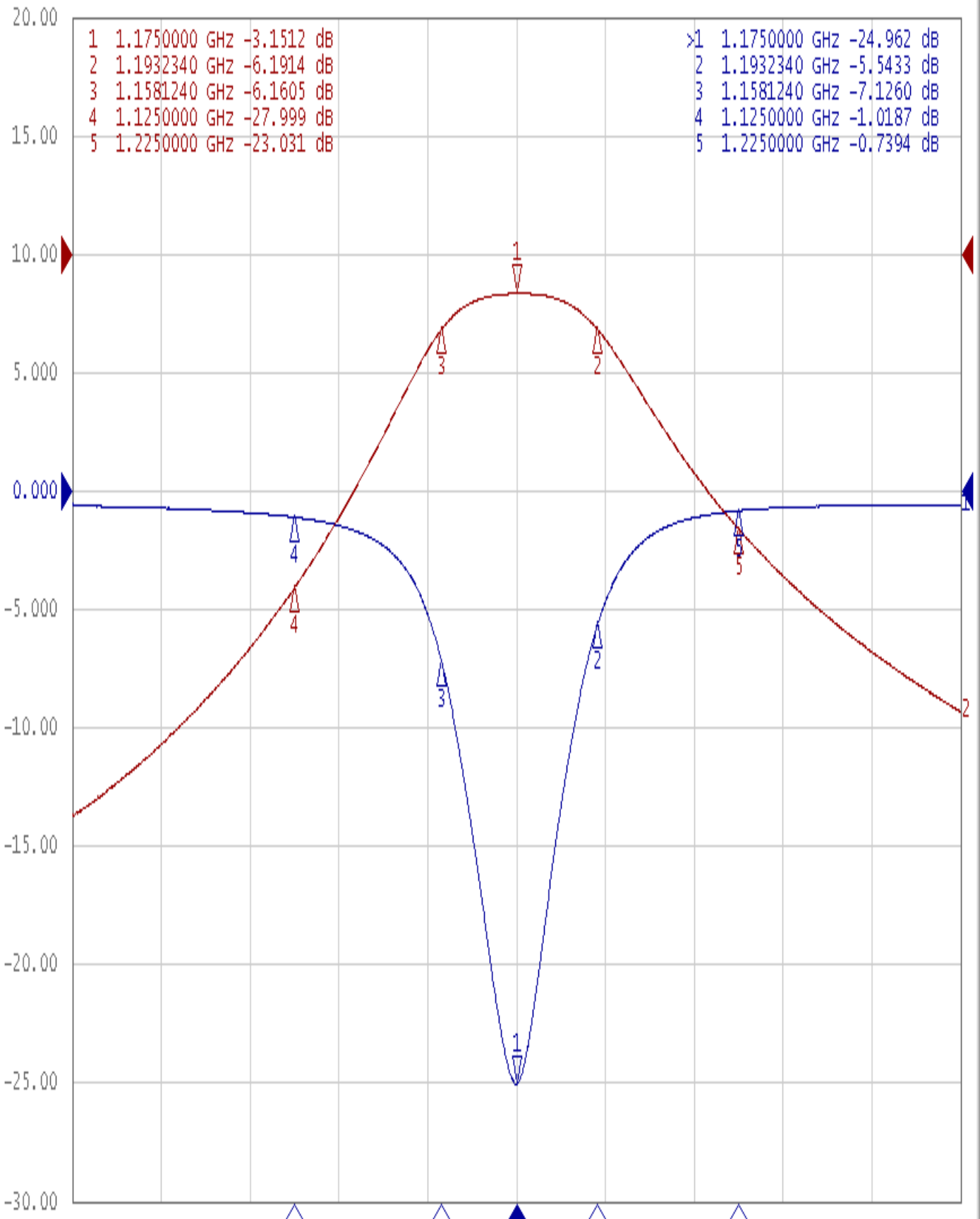
Form10-5R3B Vision D

RP(C.S.C)

Performance-TTR3797B-1175M

20150511CD

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



1 Center 1.175 GHz

IFBW 10 kHz

Span 200 MHz Cor !