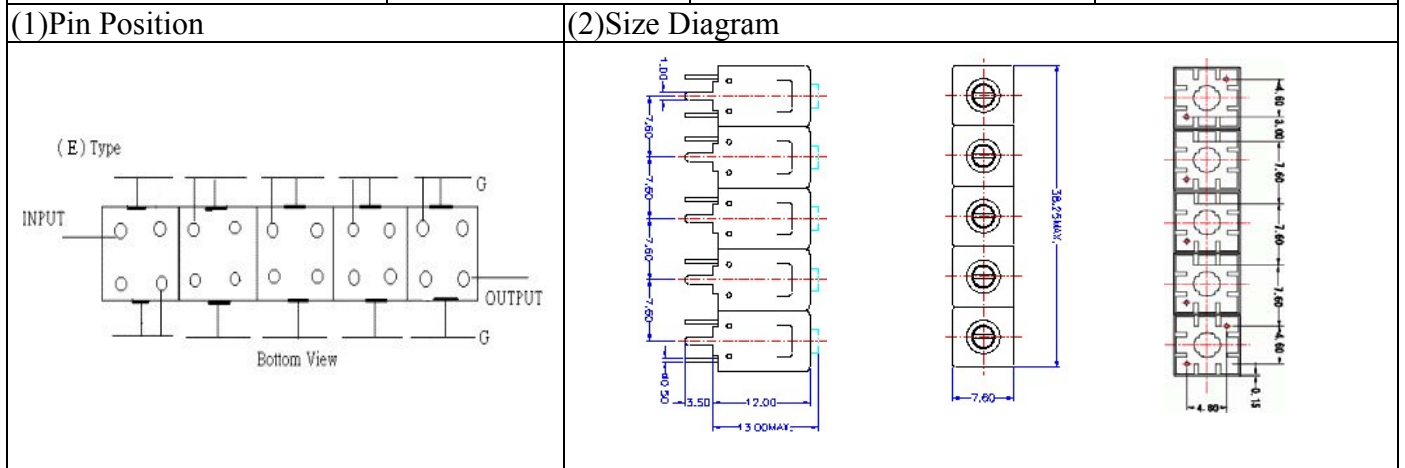


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV70437E-341.4M
Approval No. /dated	201105076CD	Temwell's Print Name.	70437E 341.4M
Work Instruction No.	201105076CD	Date	Jun.27.2011



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	341.4 MHz	341.4 MHz	
Insertion Loss	Typ. 4.0 dB	2.53 dB	
-3 dB Bandwidth	Typ. 20 MHz	26.2 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 70 dBc	74 dBc
	Fo + 50 MHz	Typ. 60 dBc	65 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	20.9 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

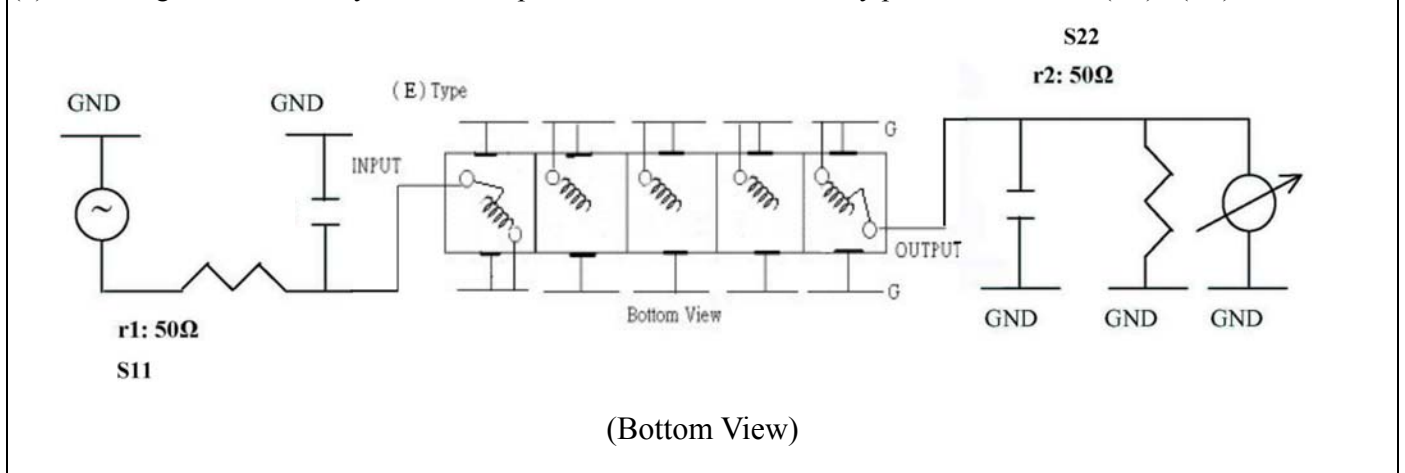
(4) Torque for Tuning Screw > 60gf • cm

(5) Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

(6) Input Power > 1Watt

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω/75Ω by parallel with about(--) / (--).



Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	F.L.Lai	7H5S(4*5.5)(5.54) 7H046LB5.5

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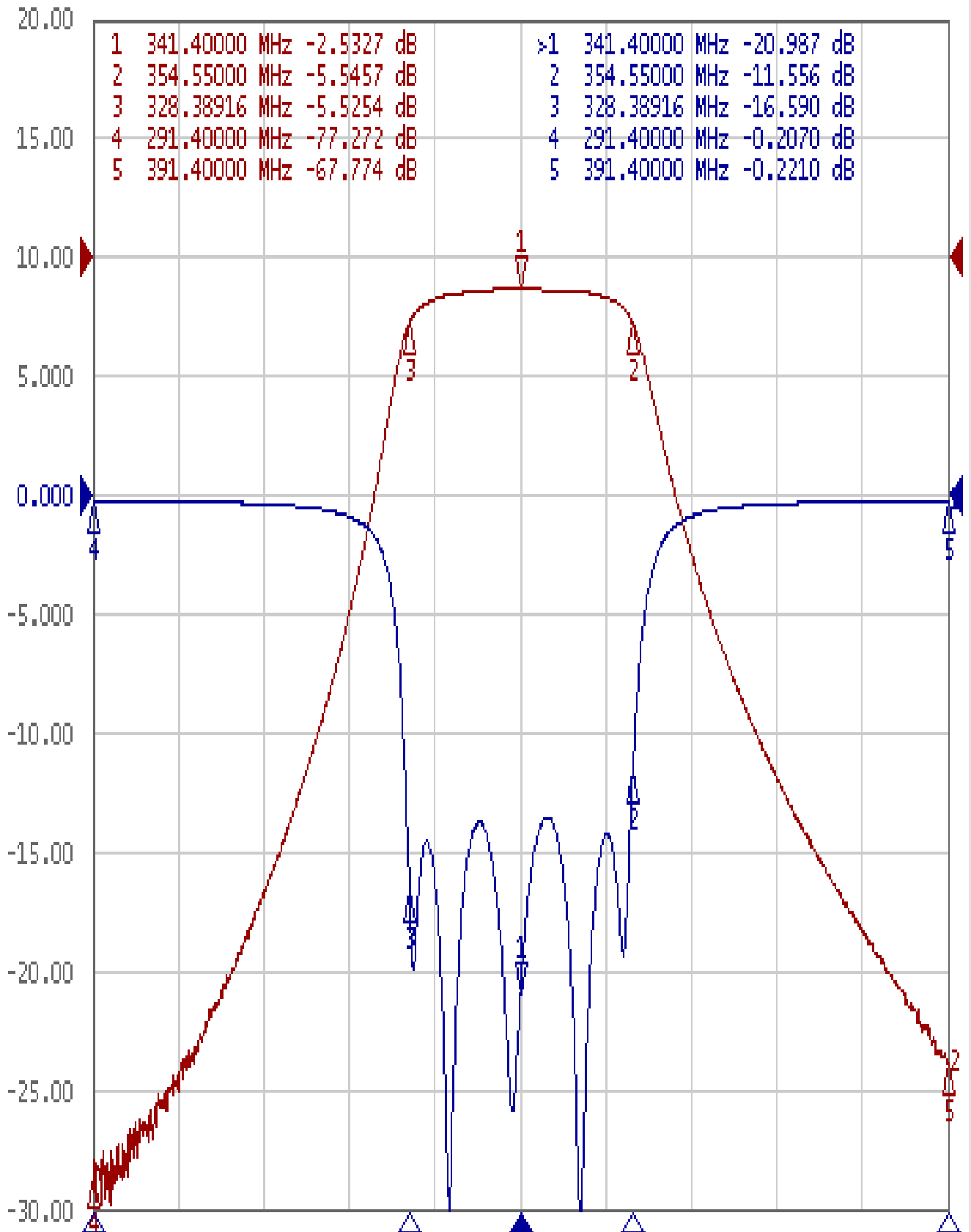
Form10-7H5E Vision D (F.L.L)

Performance-TV70437E-341.4M

201105076CD

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

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



1 Center 341.4 MHz

IFBW 10 kHz

Span 100 MHz Cor !