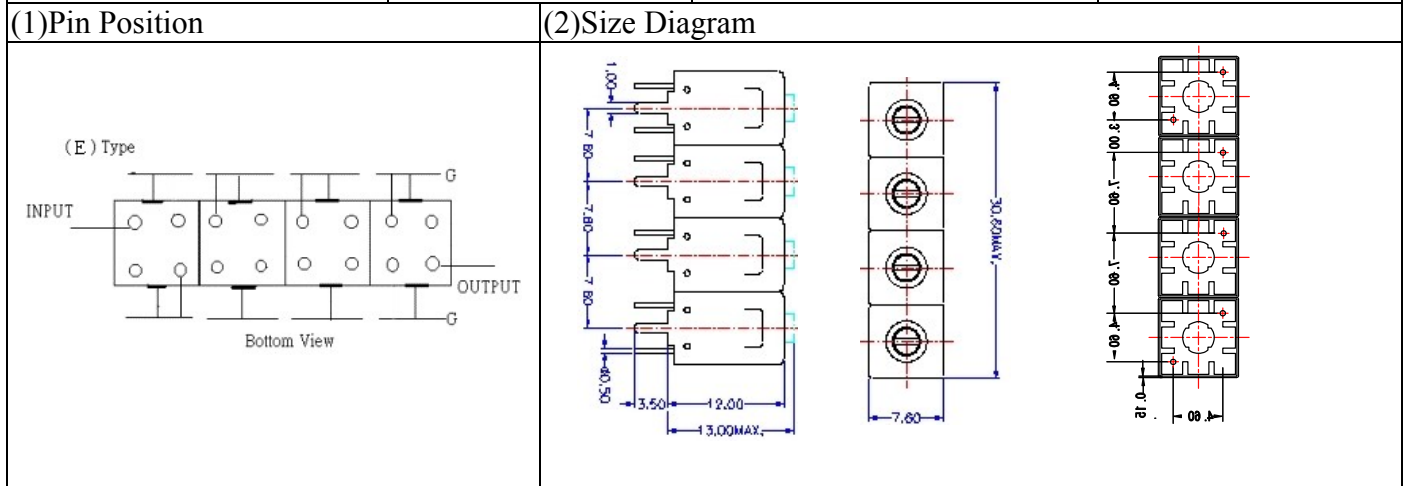


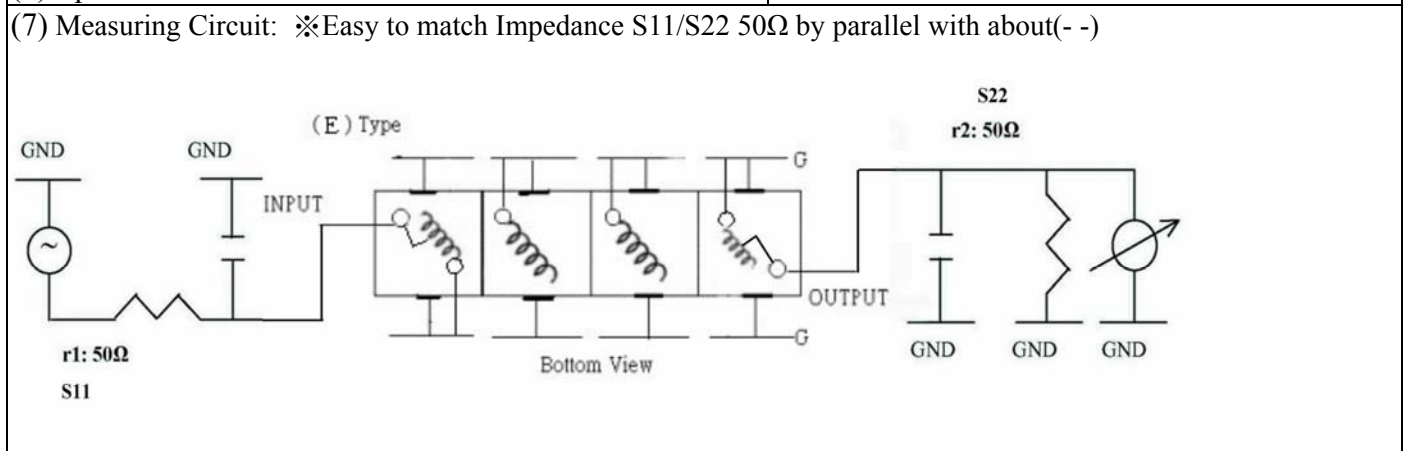
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF6957E-135M
Approval No. /dated	201701071CD	Temwell's Print Name	6957E 135M
Work Instruction No.	201701071CD	Date	Jan.25.2017



(3) Electric Characteristic			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		135 MHz	135 MHz
Insertion Loss		Typ. 5.0 dB	4.64 dB
-3 dB Bandwidth		Typ. 4.0 MHz	5.8 MHz
Sensitivity (Attenuation)	Fo -30 MHz	Typ. 78 dBc	88 dBc
	Fo +30 MHz	Typ. 65 dBc	75 dBc
	Fo - ()MHz	Typ. dB	dB
	Fo +()MHz	Typ. dB	dB
Return Loss		Min. 12 dB	21.2 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



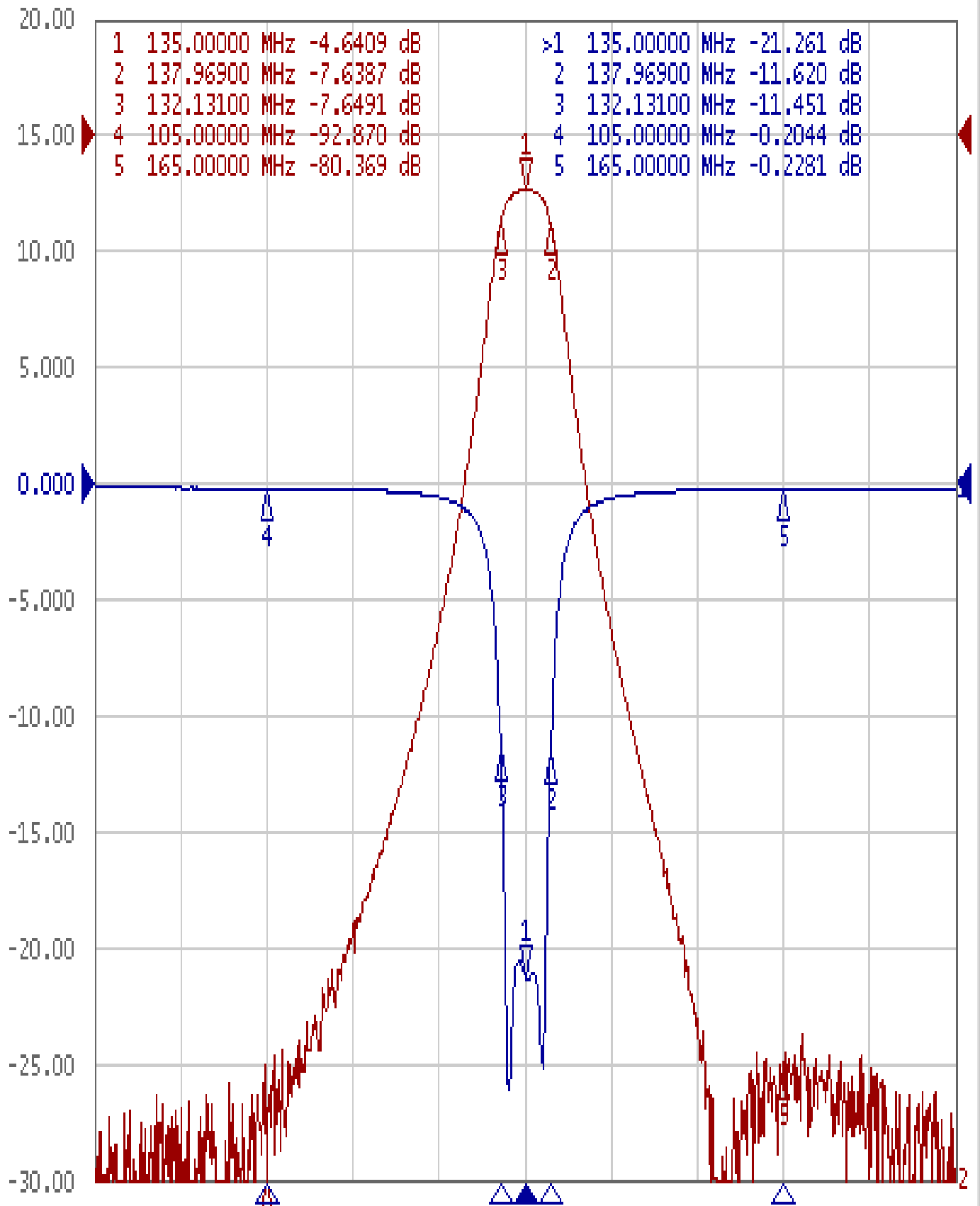
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.S.Chang	7H4S(4*4.5)(4.52) 7H024LB6.5

TEMWELL CORPORATION

Performance-TF6957E-135M

201701071CD

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



1 Center 135 MHz

IFBW 10 kHz

Span 100 MHz Cor !