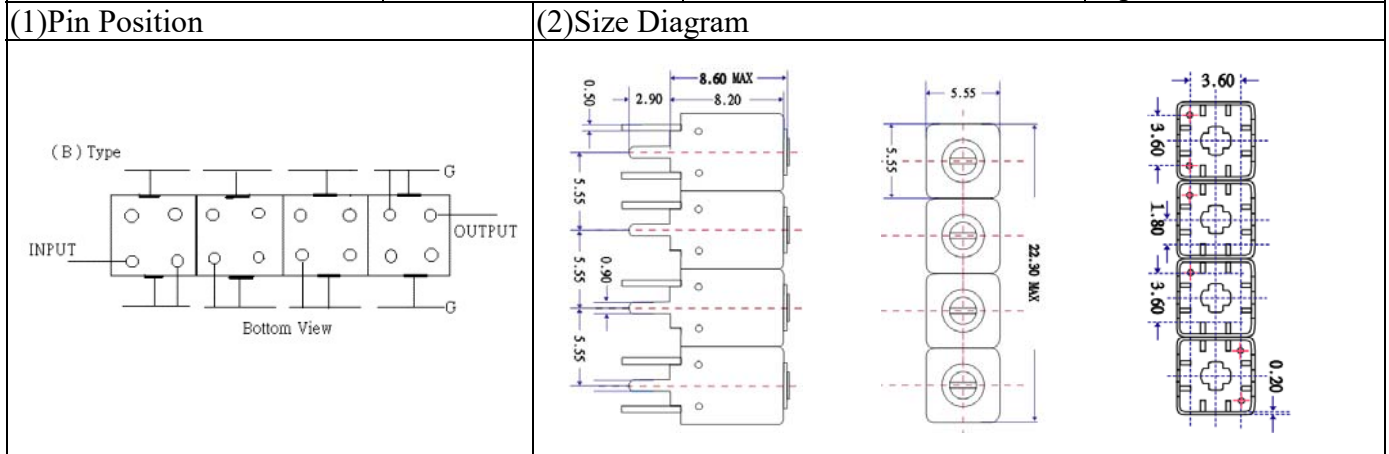


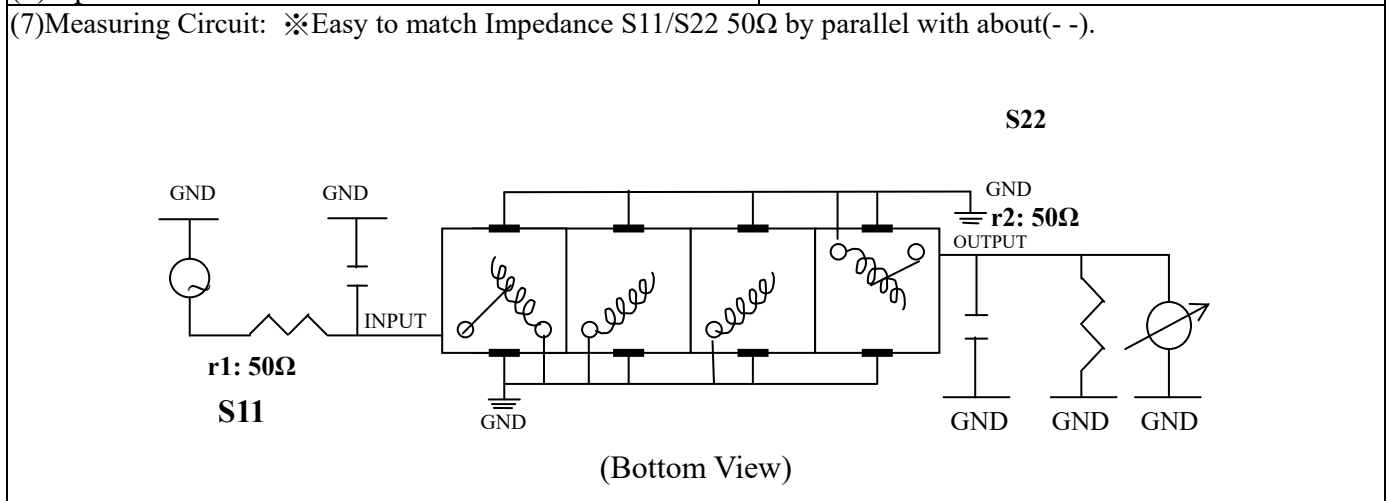
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4802B-2550M
Approval No. /dated		Temwell's Print name	4802B 2550M
Work Instruction No.	202007064CD	Date	Sep.2.2020



(3) Electric Characteristic			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	2550 MHz	2550	MHz
Insertion Loss	Typ. 5.5 dB	4.07	dB
-3 dB Bandwidth	Typ. 62 MHz	73.7	MHz
Sensitivity (Attenuation)	Fo - 200 MHz	Typ. 45	dBc
	Fo + 200 MHz	Typ. 22	dBc
	Fo - ()MHz	Typ.	dBc
	Fo +()MHz	Typ.	dBc
Return Loss	Min. 12 dB	18.3	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	> 0.5Watt

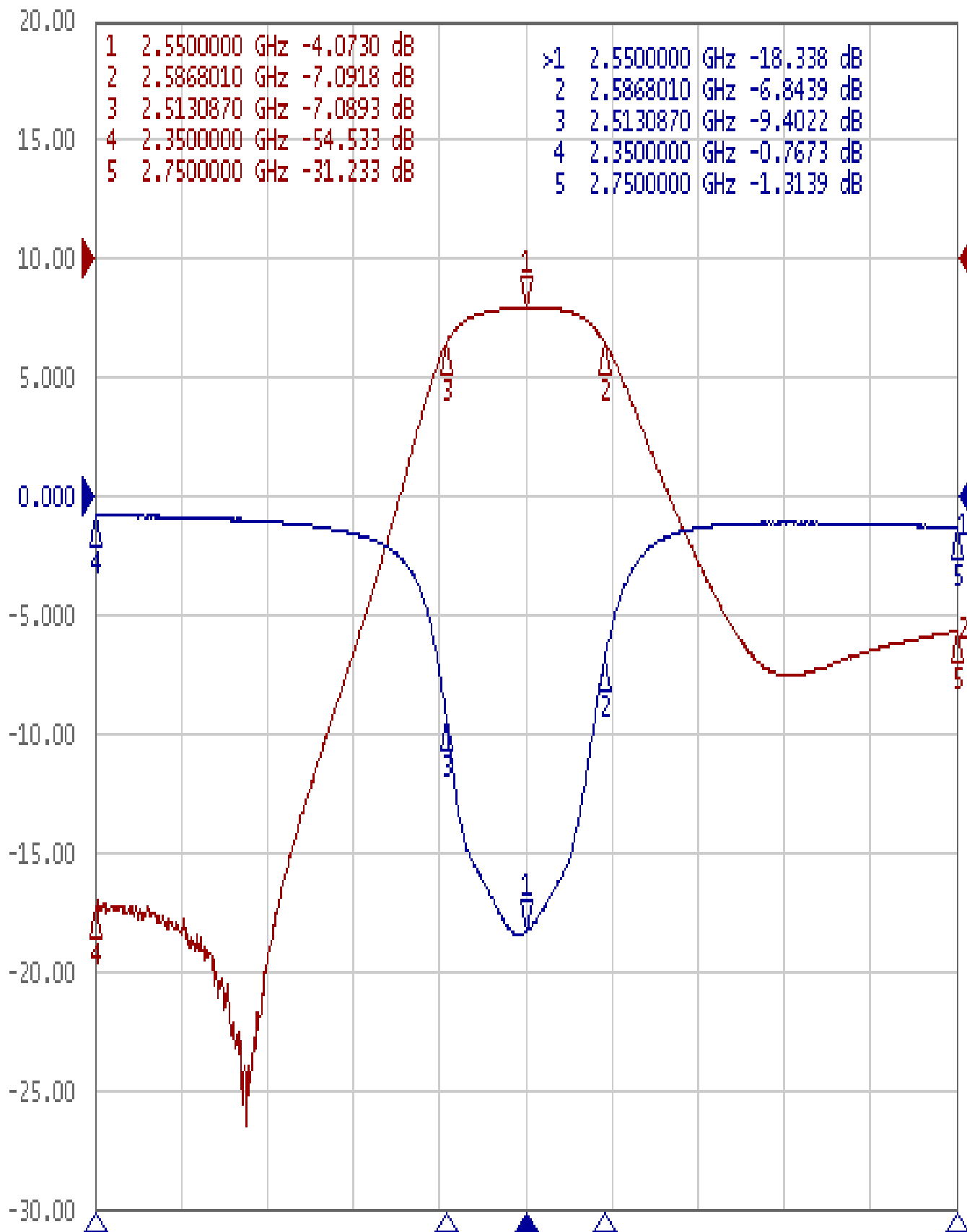


Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	W.H.Wang	5W4S(3.8*3.5)(3.51) 5HW046RB3.2 (J1)
TEMWELL CORPORATION			

Performance-TFW4802B-2550M

202007064CD

Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]
Tr2 S21 Log Mag 10.000dB/ Ref 0.000dB [F2]



1 Center 2.55 GHz

IFBW 70 kHz

Span 400 MHz Cur !