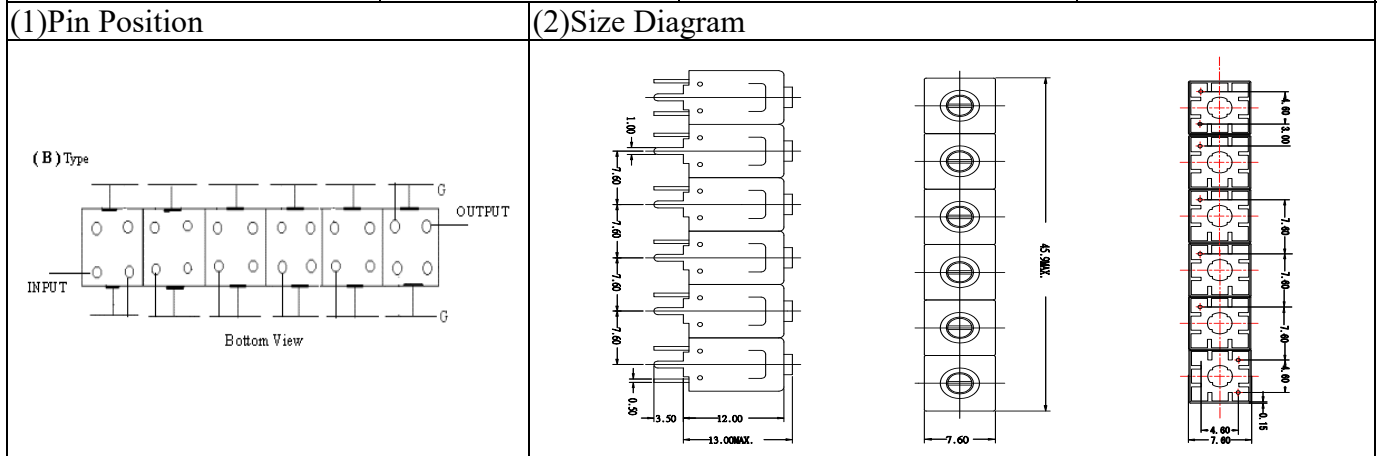


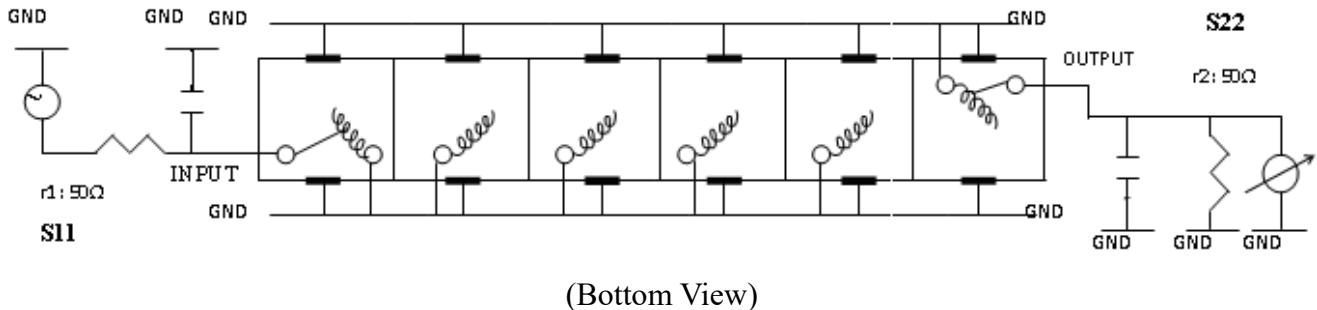
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TS6670B-1474.5M
Approval No. /dated		Temwell's Print name.	6670B 1474.5M
Work Instruction No.	202001014CD	Date	Feb.14.2020



(3) Electric Characteristic			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1474.5 MHz	1474.5	MHz
Insertion Loss	Typ. 4.0 dB	2.74	dB
-3 dB Bandwidth	Typ. 85 MHz	88.7	MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 53	dBc
	Fo + 100 MHz	Typ. 38	dBc
	Fo - ()MHz	Typ.	dBc
	Fo +()MHz	Typ.	dBc
Return Loss	Min. 12 dB	16.6	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 by parallel with about(- -).

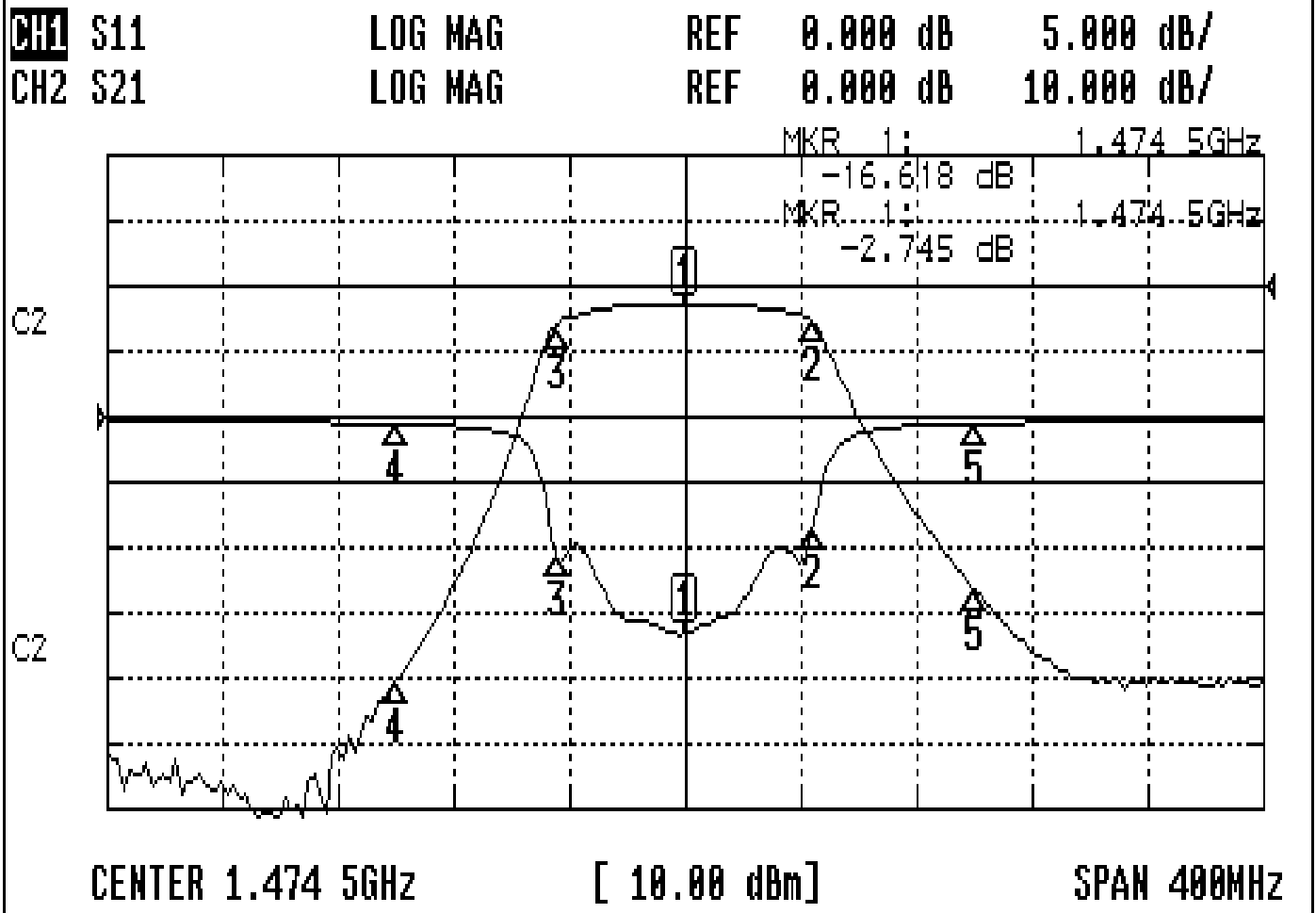


Approval C.Y.Chang	Supervisor C.K.Chang	Designer M.Y.Kang	Aperture size 7H6S(4*5.6)(5.67) 7H046RB5.5
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TEMWELL CORPORATION

Performance-TS6670B-1474.5M

202001014CD



CH1 MARKER LIST

Marker	Freq (GHz)	Magnitude (dB)
1	1.474	-16.618
2	1.518	-8.341
3	1.430	-10.815
4	1.374	-0.546
5	1.574	-0.504

CH2 MARKER LIST

Marker	Freq (GHz)	Magnitude (dB)
1	1.474	-2.745
2	1.518	-5.750
3	1.430	-5.785
4	1.374	-60.936
5	1.574	-46.333