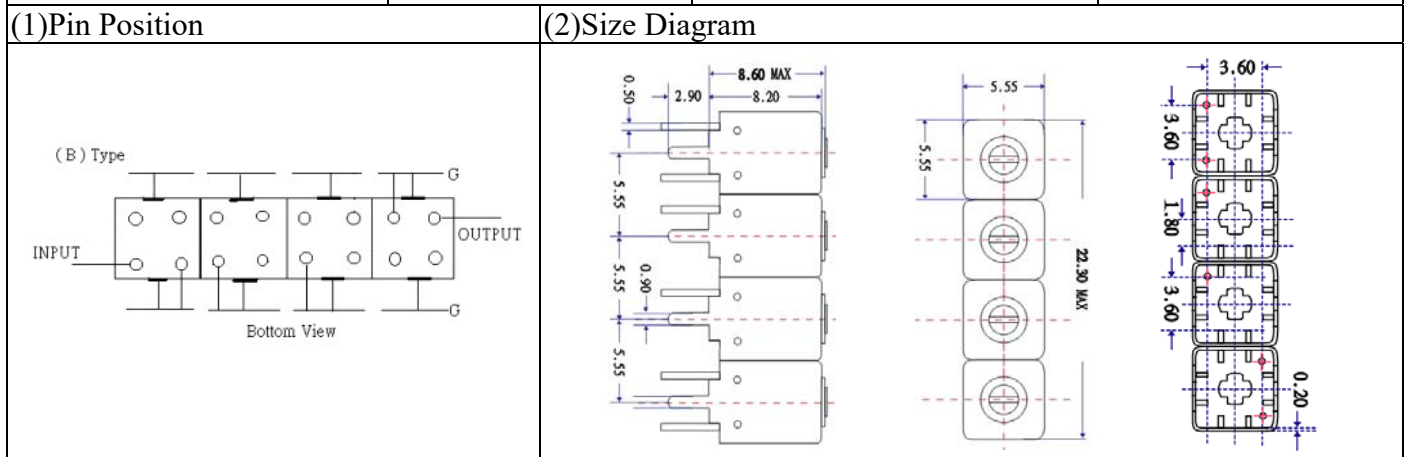


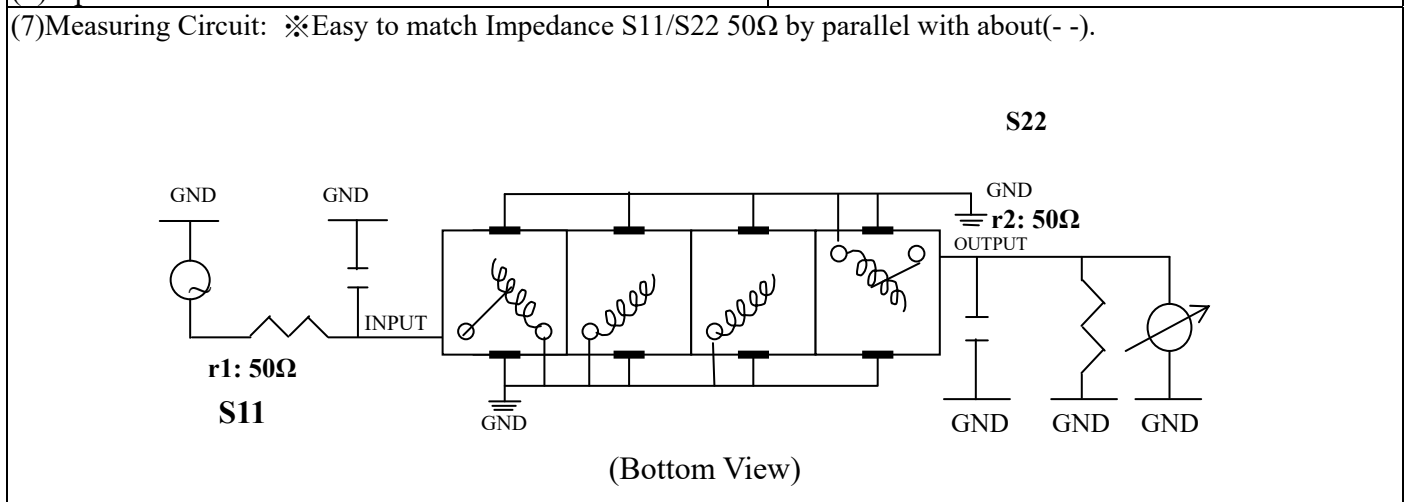
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4630B-435M
Approval No. /dated	201803031CD	Temwell's Print name	4630B 435M
Work Instruction No.	201803031CD	Date	Mar.19.2018



(3) Electric Characteristic

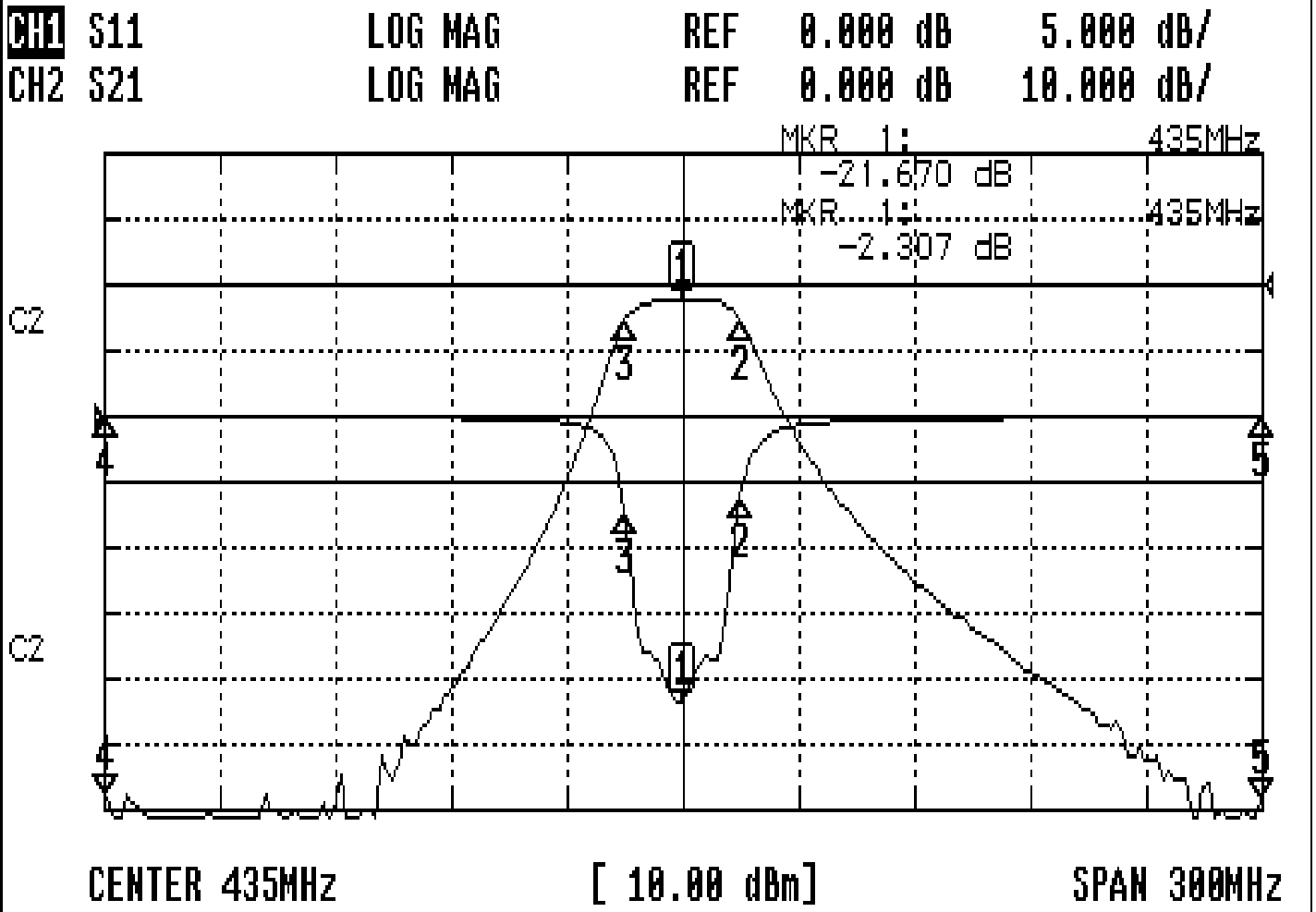
Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	435 MHz	435 MHz
Insertion Loss	Typ. 3.5 dB	2.30 dB
-3 dB Bandwidth	Typ. 26 MHz	29.8 MHz
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 65 dBc
	Fo + 150 MHz	Typ. 66 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	21.6 dB
Ripple	< 1 dB	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	> 0.5Watt	



Approval C.Y.Chang	Supervisor C.K.Chang	Designer C.H.Yeh	Aperture size 5W4S(3.8*4.5)(4.55) 5HW024LB3.6
TEMWELL CORPORATION			

Performance-TFW4630B-435M

201803031CD



CH1 MARKER LIST

1:	435.000MHz	-21.651 dB
2:	449.895MHz	-6.384 dB
3:	420.050MHz	-7.507 dB
4:	285.000MHz	-0.087 dB
5:	585.000MHz	-0.068 dB
10:		

CH2 MARKER LIST

1:	435.000MHz	-2.307 dB
2:	449.895MHz	-15.345 dB
3:	420.050MHz	-15.378 dB
4:	285.000MHz	-77.808 dB
5:	585.000MHz	-78.447 dB
10:		