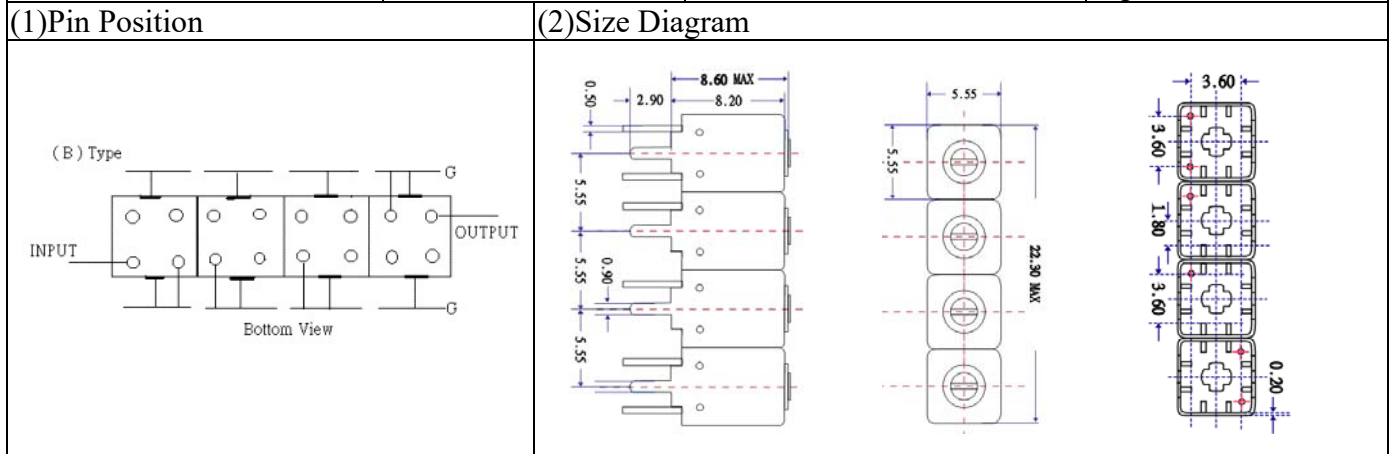


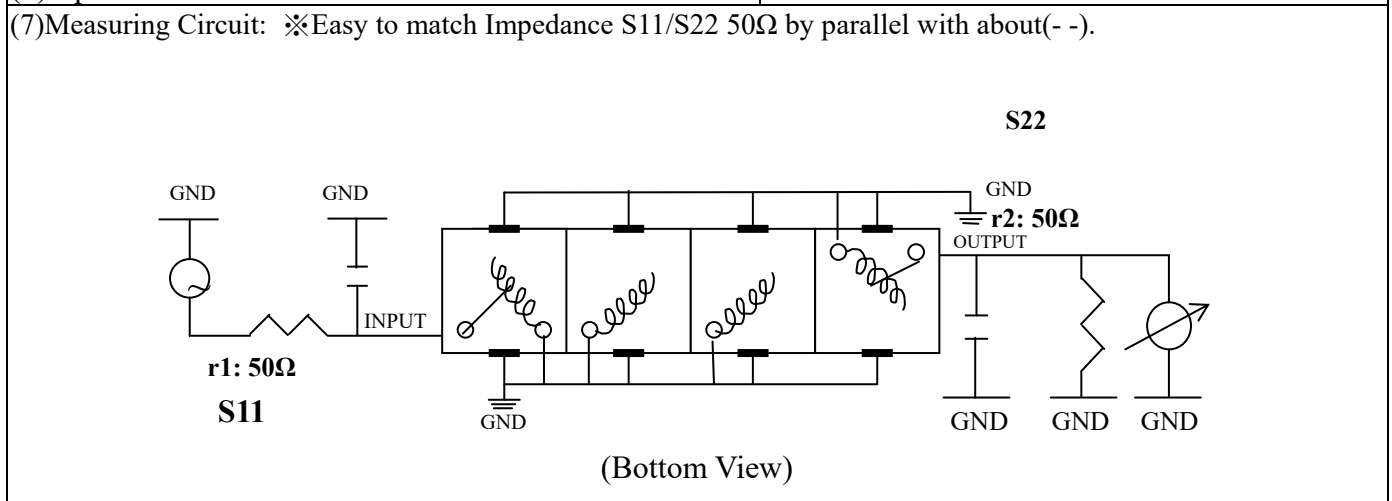
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4859B-2450M
Approval No. /dated		Temwell's Print name	4859B 2450M
Work Instruction No.	202007060CD	Date	Sep.2.2020



(3)Electric Charasteric		Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %			2450 MHz	2450 MHz
Insertion Loss		Typ.	3.5 dB	2.44 dB
-3 dB Bandwidth		Typ.	100 MHz	112.8 MHz
Sensitivity (Attenuation)	Fo - 300 MHz	Typ.	40 dBc	45 dBc
	Fo + 300 MHz	Typ.	32 dBc	37 dBc
	Fo - ()MHz	Typ.	dBc	dBc
	Fo +()MHz	Typ.	dBc	dBc
Return Loss		Min.	12 dB	48.2 dB
Ripple			< 1 dB	dB
Impedance			In / Out : 50 Ω	In / Out : 50 Ω
(4)Torque for Tuning Screw			> 60gf · cm	

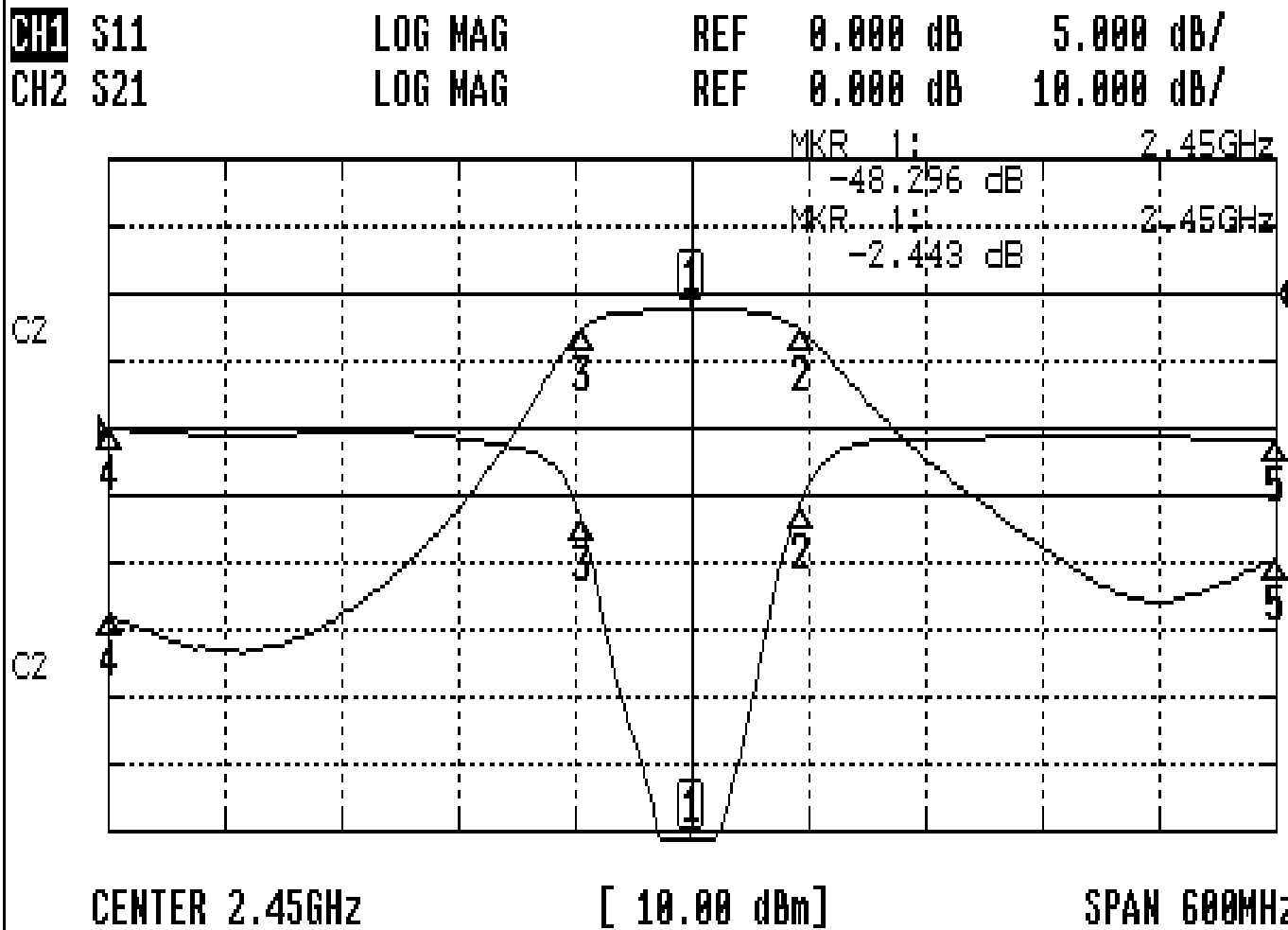
(5)Temperature Condition:	
Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C
(6)Input Power	> 0.5Watt



Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	C.H.Yeh	5W4S(3.8*4.0)(4.03) 5HW046RB3.2 (J1)
TEMWELL CORPORATION			

Performance-TFW4859B-2450M

202007060CD



CH1 MARKER LIST

1:	2.450	000GHz	-48.296	dB
2:	2.506	100GHz	-1.111	dB
3:	2.393	300GHz	-1.671	dB
4:	2.150	000GHz	-0.063	dB
5:	2.750	000GHz	-0.880	dB

CH2 MARKER LIST

1:	2.450	000GHz	-2.443	dB
2:	2.506	100GHz	-1.111	dB
3:	2.393	300GHz	-1.111	dB
4:	2.150	000GHz	-47.859	dB
5:	2.750	000GHz	-39.478	dB