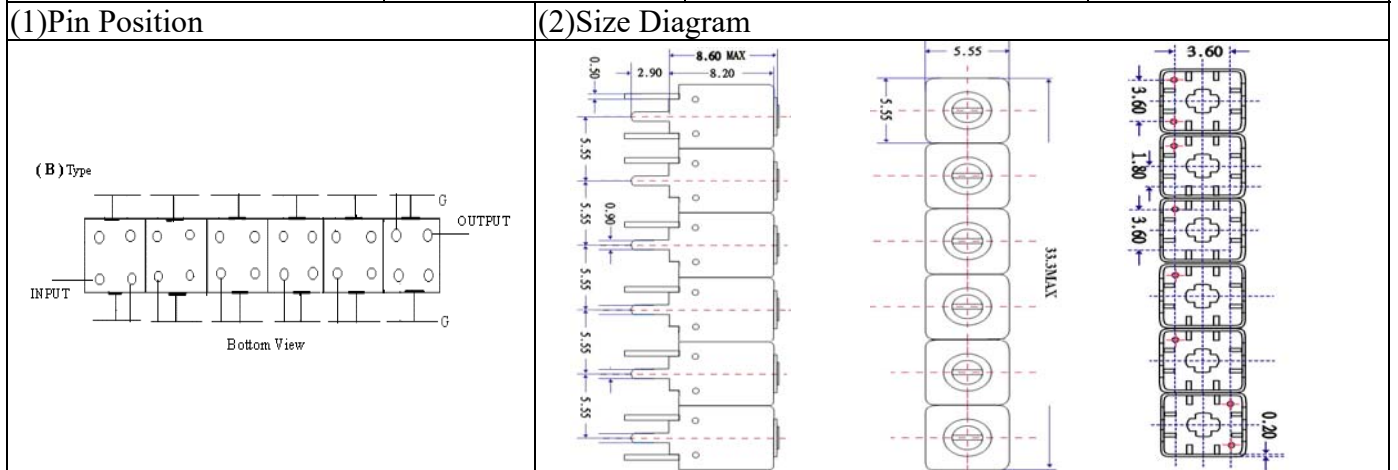


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TSW6410B-1747.5M
Approval No. /dated		Temwell's Print name.	6410B 1747.5M
Work Instruction No.	201911103CD	Date	Jun.12.2020



(3)Electric Chararistic

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	1747.5 MHz	1747.5 MHz
Insertion Loss	Typ. 5.0 dB	3.73 dB
-3 dB Bandwidth	Typ. 75 MHz	80.4 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 62 dBc
	Fo +100 MHz	Typ. 48 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	21.1 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

(4)Torque for Tuning Screw

> 60gf • cm

(5)Temperature Condition:

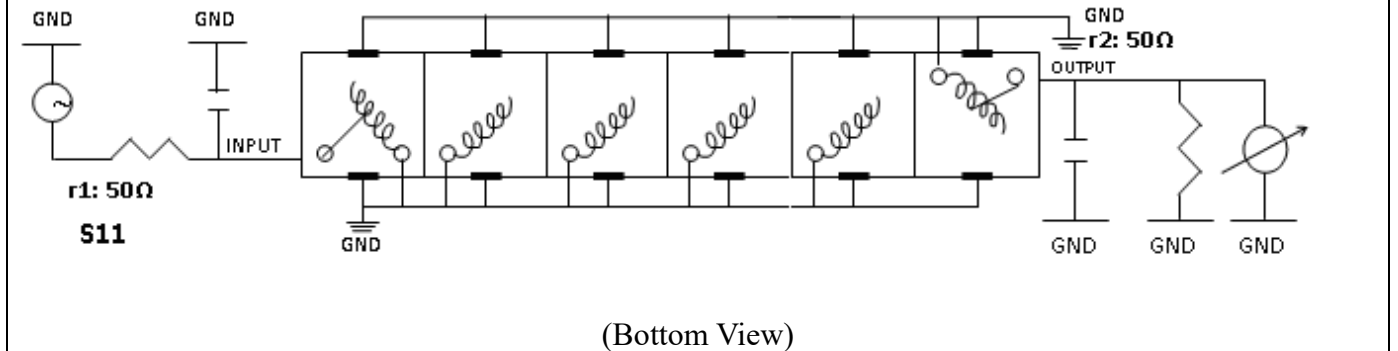
Operating Temperature: 0°C ~ +60°C

Storage Temperature: -20°C ~ +70°C

(6)Input Power

> 0.5Watt

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(- -).

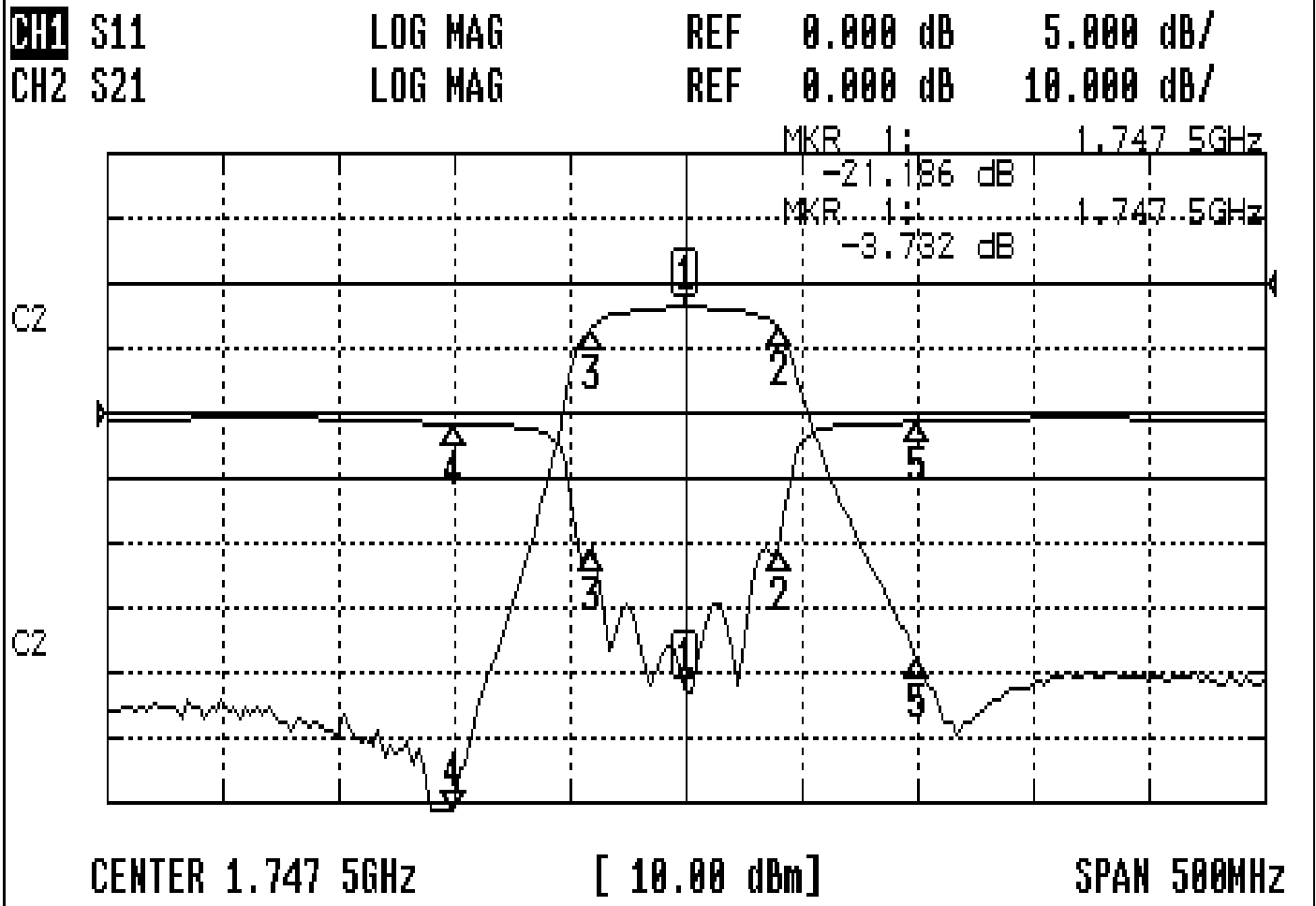


Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	C.H.Yeh	5W6S(3.8*4.0)(4.02) 5HW046RB3.2 (J1)

TEMWELL CORPORATION

Performance-TSW6410B-1747.5M

201911103CD



CH1 MARKER LIST

1:	1.747	500GHz	-21.179	dB
2:	1.787	550GHz	-10.579	dB
3:	1.707	083GHz	-10.431	dB
4:	1.647	500GHz	-0.810	dB
5:	1.847	500GHz	-0.712	dB

CH2 MARKER LIST

1:	1.747	500GHz	-3.732	dB
2:	1.787	550GHz	-6.753	dB
3:	1.707	083GHz	-6.769	dB
4:	1.647	500GHz	-76.532	dB
5:	1.847	500GHz	-57.412	dB