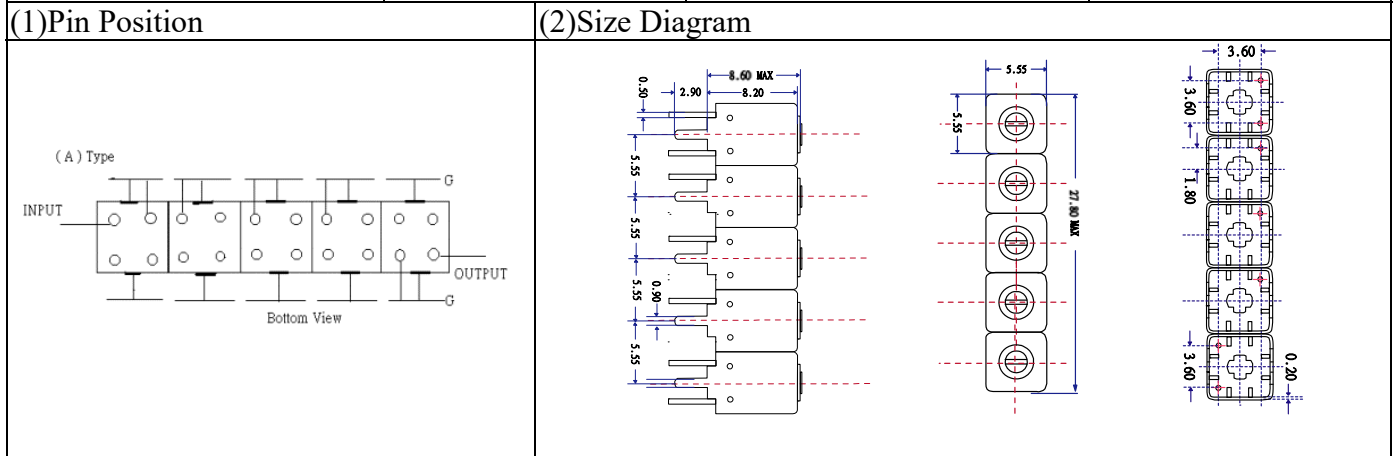


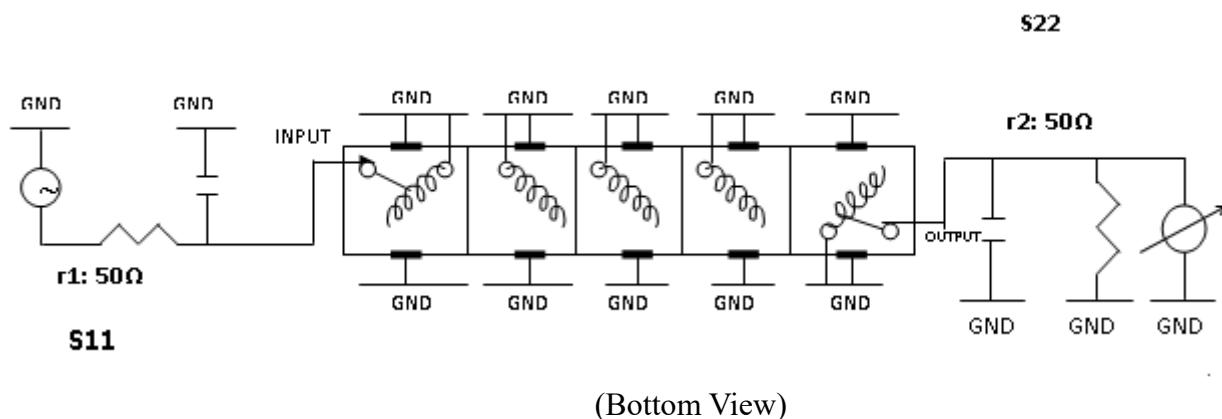
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TVW5416A-1745M
Approval No. /dated		Temwell,s print Name	5416A 1745M
Work Instruction No.	201911077CD	Date	Dec.16.2019



(3)Electric Charasteric					
Item		Specify		Performance	
Center Freq.(Fo) +/- 0.5 %		1745 MHz		1745 MHz	
Insertion Loss		Typ. 5.0 dB		3.50 dB	
-3 dB Bandwidth		Typ. 70 MHz		75.4 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 49 dBc		54 dBc	
	Fo + 100 MHz	Typ. 38 dBc		43 dBc	
	Fo - ()MHz	Typ. dBc		dBc	
	Fo +()MHz	Typ. dBc		dBc	
Return Loss		Min. 12 dB		24.5 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(- -).

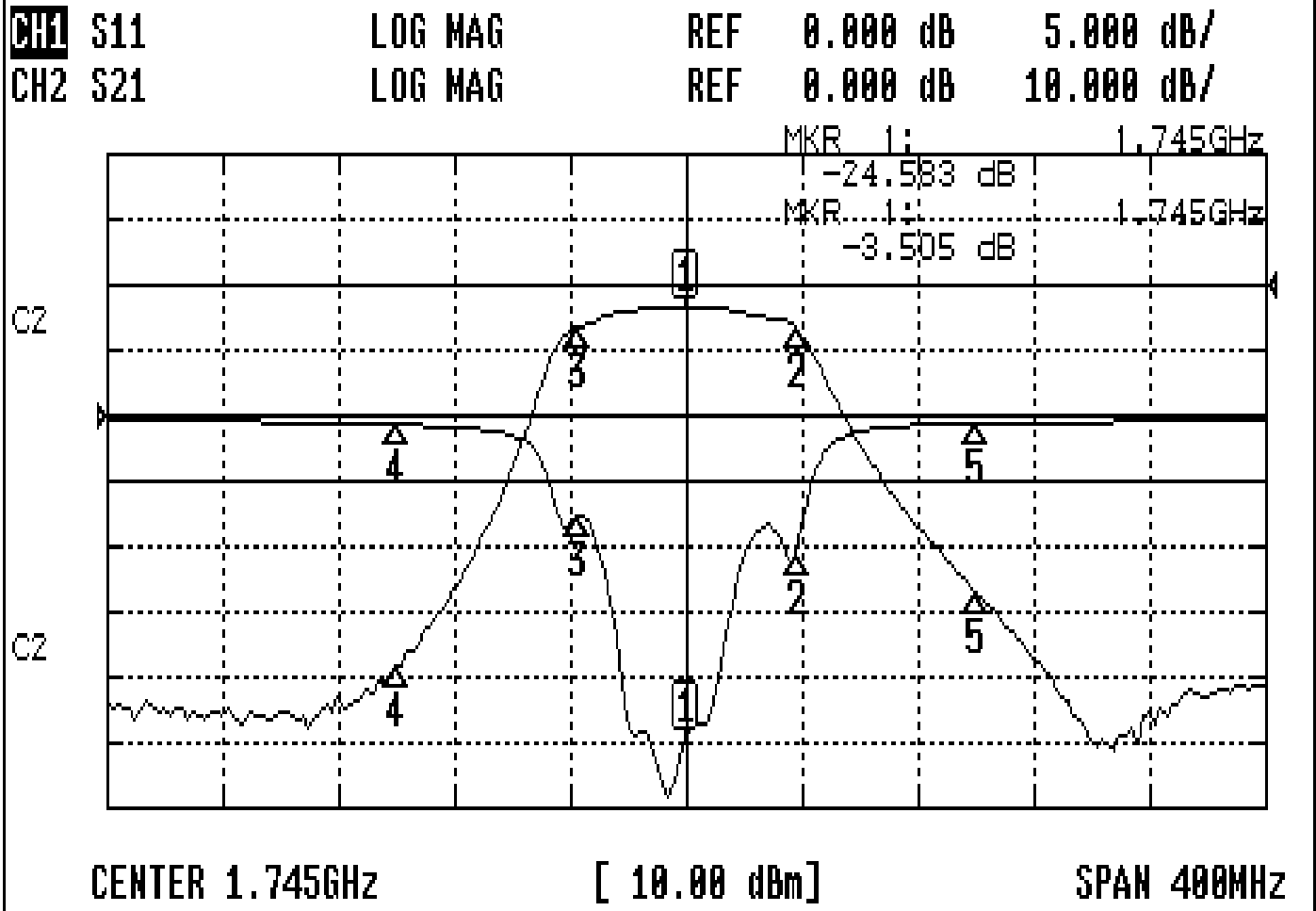


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	M.Y.Kang	5W5S(3.8*4.5)(4.52) 5HW046LB3.2 (J1)

TEMWELL CORPORATION

Performance-TVW5416A-1745M

201911077CD



CH1 MARKER LIST

1	1.745	000GHz	-24.562	dB
2	1.783	150GHz	-10.482	dB
3	1.707	666GHz	-7.718	dB
4	1.645	000GHz	-0.657	dB
5	1.845	000GHz	-0.584	dB

CH2 MARKER LIST

1	1.745	000GHz	-3.505	dB
2	1.783	150GHz	-11.549	dB
3	1.707	666GHz	-11.562	dB
4	1.645	000GHz	-5.010	dB
5	1.845	000GHz	-46.927	dB