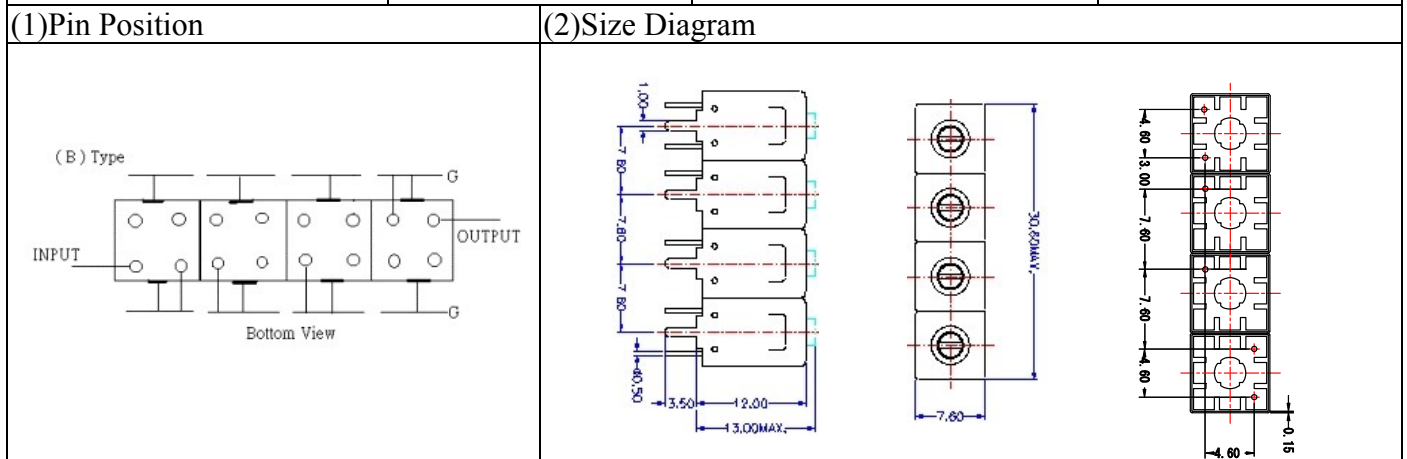


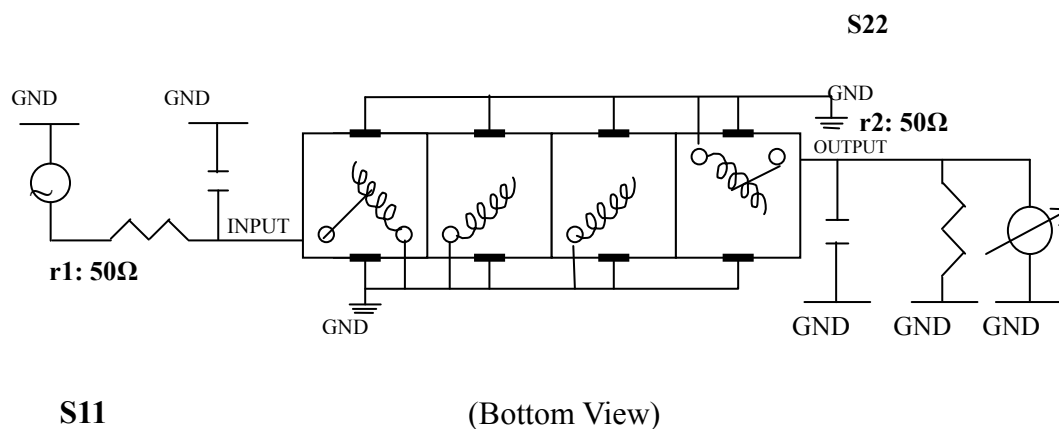
# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF69294B-415M
Approval No. /dated	201703031CD	Temwell's Print Name	69294B 415M
Work Instruction No.	201703031CD	Date	Mar.08.2017



(3) Electric Characteristic			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		415 MHz	415 MHz
Insertion Loss		Typ. 2.5 dB	1.54 dB
-3 dB Bandwidth		Typ. 27 MHz	32.0 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 60 dBc	88 dBc
	Fo +100 MHz	Typ. 45 dBc	62 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	32.0 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	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.H.Yeh	7H4S(4*8.0)(8.02) 7H046LB4.3 聚 3

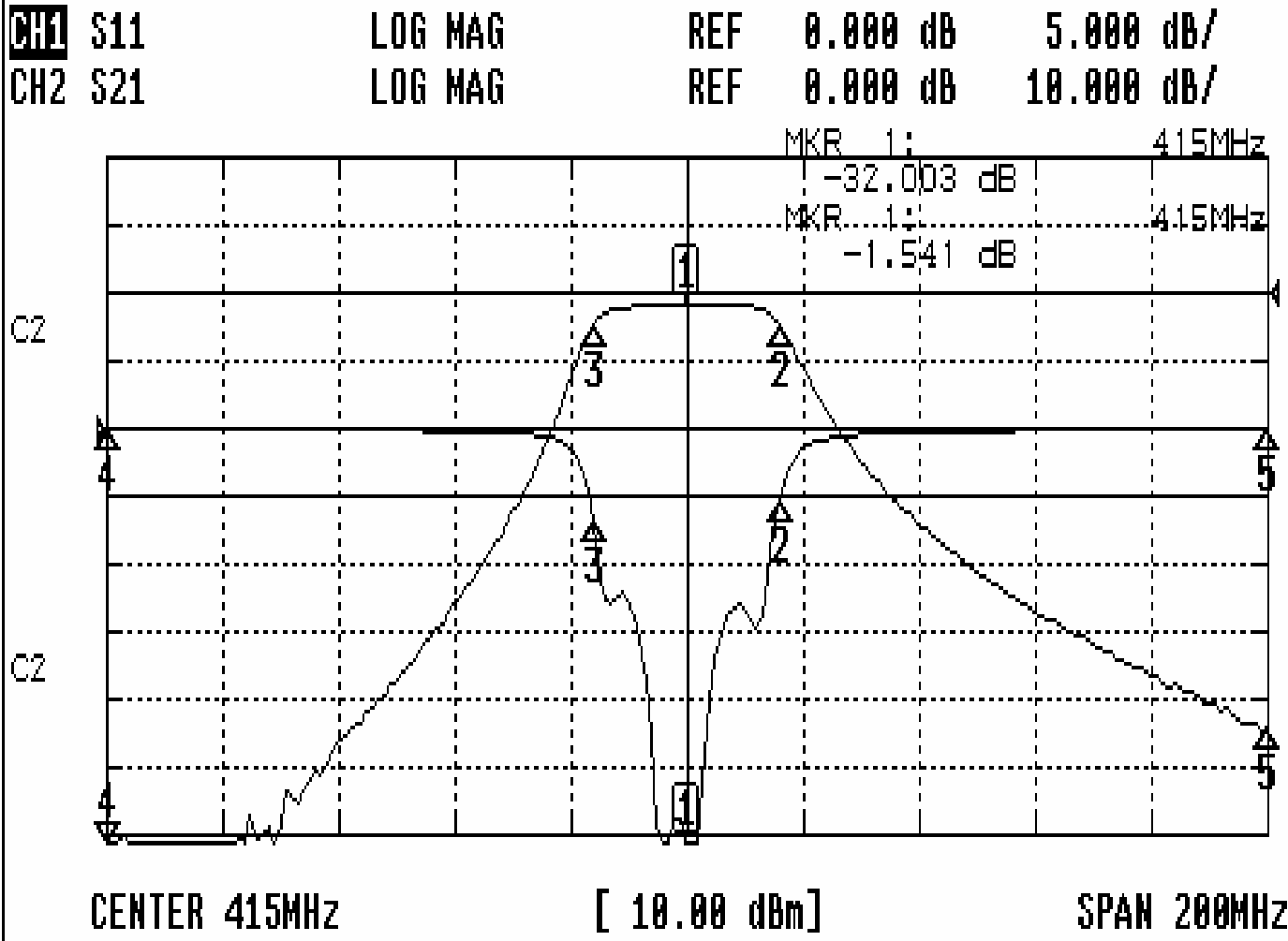
TEMWELL CORPORATION

TEMWELL Form10-7H4B Vision D

RP (C.H.Y)

# Performance-TF69294B-415M

## 201703031CD



CH1 MARKER LIST			
1:	415.000MHz	-32.003	dB
2:	431.000MHz	-1.541	dB
3:	399.000MHz	-1.154	dB
4:	315.000MHz	-1.000	dB
5:	515.000MHz	-0.088	dB
6:			
7:			
8:			
9:			
10:			

CH2 MARKER LIST			
1:	415.000MHz	-1.541	dB
2:	431.000MHz	-1.457	dB
3:	399.000MHz	-1.452	dB
4:	315.000MHz	-0.333	dB
5:	515.000MHz	-64.278	dB
6:			
7:			
8:			
9:			
10:			