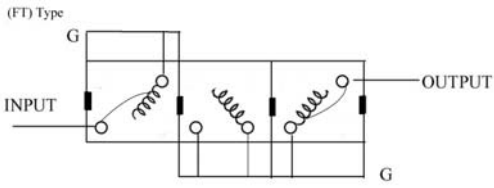
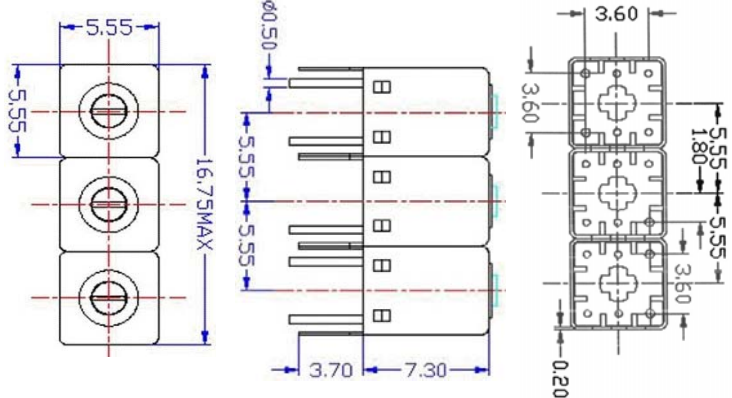


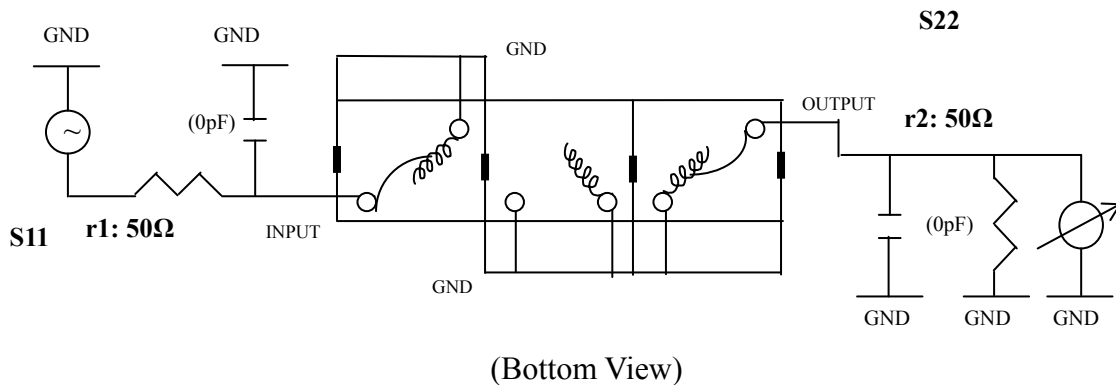
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RFT-515M-20M
Approval No. /dated	0909062CD	Temwell's Print Name	K3RFT 515M
Work Instruction No.	200909062CD	Date	Oct.15.2009

(1)Pin Position	(2)Size Diagram
 <p>(Bottom View)</p>	

(3)Electric Charasteric					
Item		Specify		Performance	
Center Freq.(Fo) +/- 0.5 %		515 MHz		515 MHz	
Insertion Loss		Typ. 4.0 dB		2.72 dB	
-3 dB Bandwidth		Typ. 20 MHz		24.5 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 25 dBc		50 dBc	
	Fo + 50 MHz	Typ. 20 dBc		30 dBc	
	Fo - ()MHz	Typ. dBc		dBc	
	Fo +()MHz	Typ. dBc		dBc	
Return Loss		Min. 12 dB		20.1 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(0pF) / (0pF).



Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	H.Y.Hui	5R3(3.8*4.2)(4.25) (5HW024LB3)

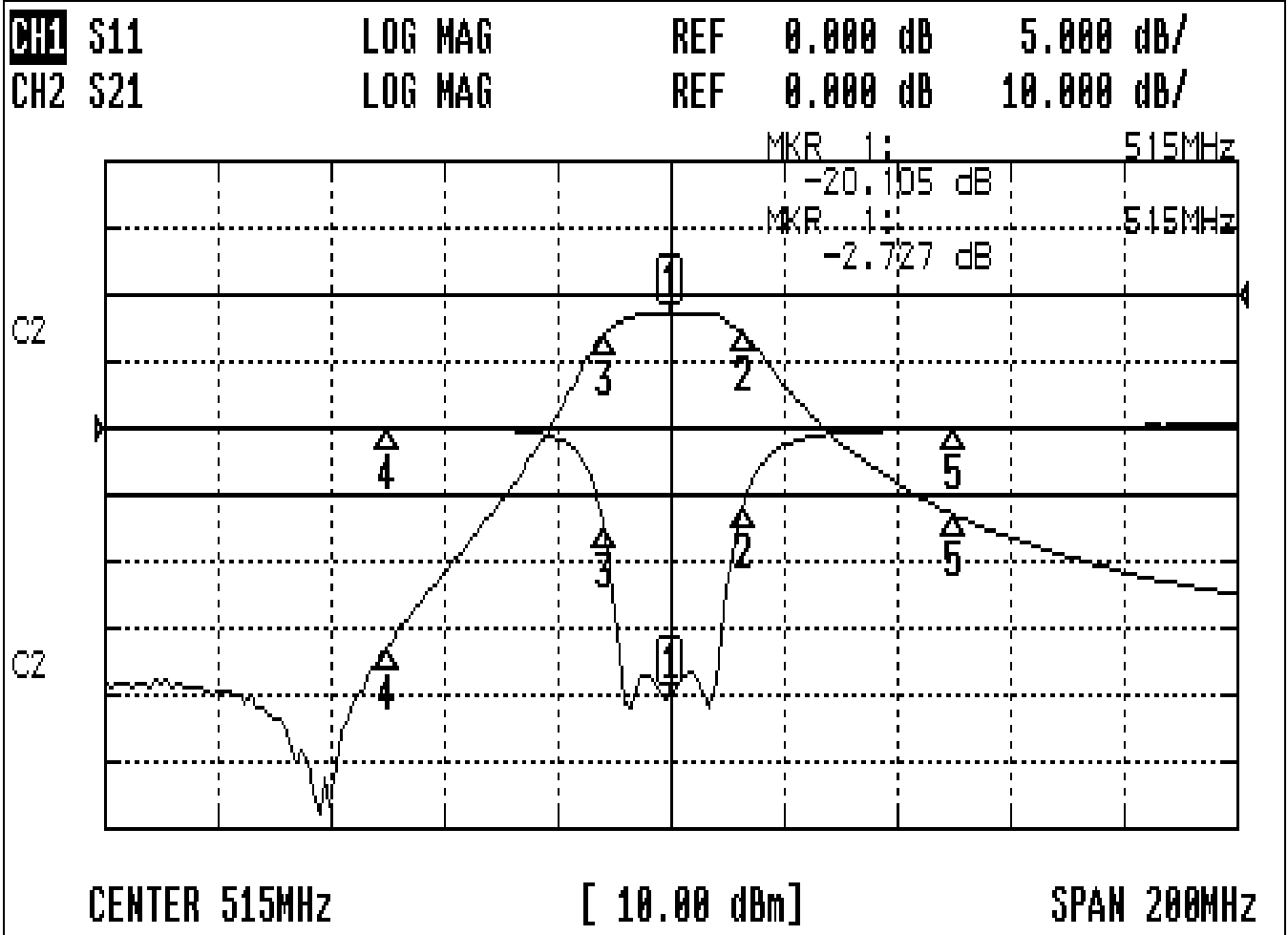
TEMWELL CORPORATION

TEMWELL

Form10-5R3FT Vision D RP(w.w.w)

Performance-K3RFT-515M-20M

200909062CD



CH1 MARKER LIST

Marker	Frequency (MHz)	Magnitude (dB)
1	515.000	-20.105
2	527.833	-5.913
3	503.333	-7.517
4	465.000	0.078
5	565.000	0.004

CH2 MARKER LIST

Marker	Frequency (MHz)	Magnitude (dB)
1	515.000	-2.727
2	527.833	-11.793
3	503.333	-11.809
4	465.000	-32.709
5	565.000	-32.905