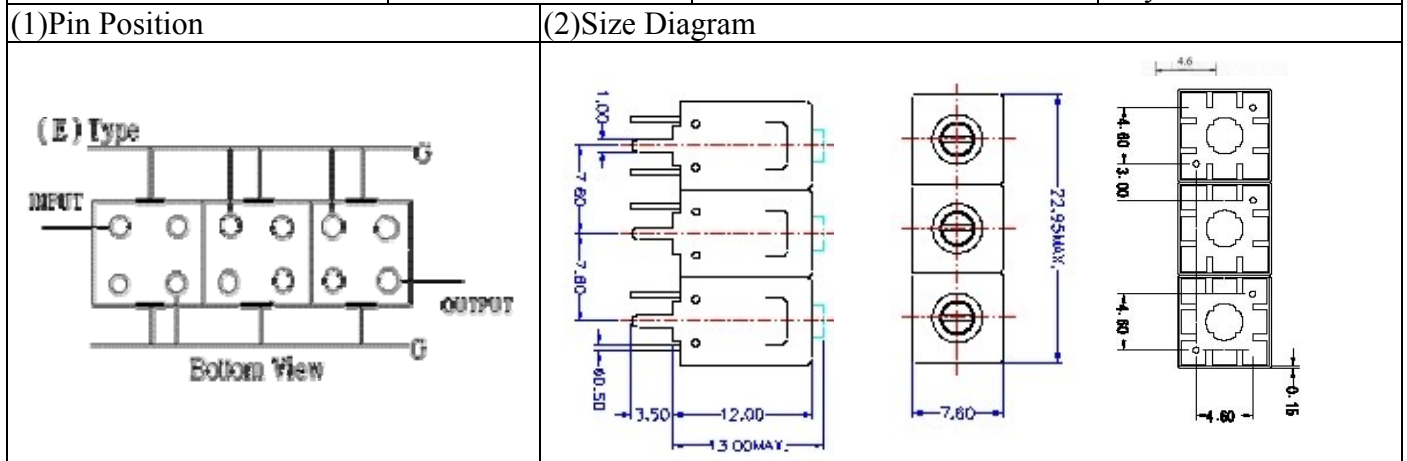


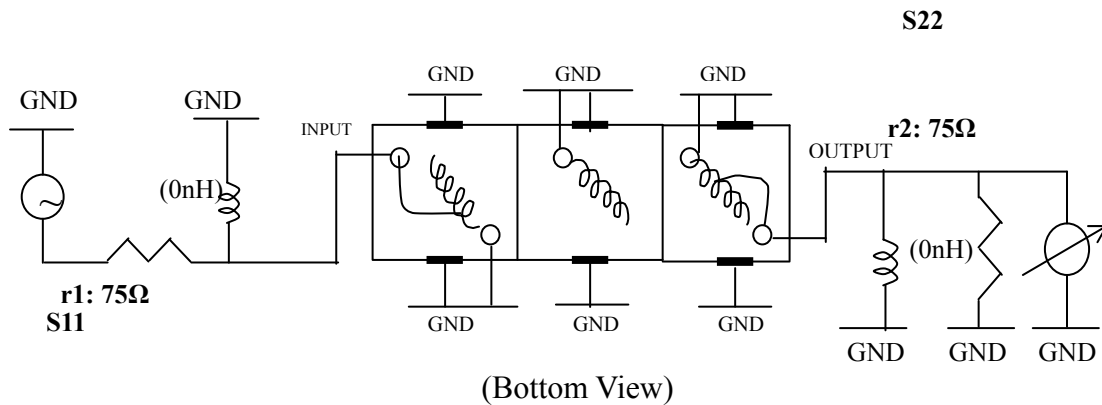
# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTL6325E-545M
Approval No. /dated	0805041CD	Customer's Part No.	6325E 545M
Work Instruction No.	0805041CD	Date	May.14.2008



(3) Electric Characteristic			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		545 MHz	545 MHz
Tunable Range:		545±5 MHz	545±5 MHz
Insertion Loss		Typ. 5.0 dB	4.24 dB
-3 dB Bandwidth		Typ. 6 MHz	8.9 MHz
Sensitivity (Attenuation)	Fo - 15 MHz	Typ. 20 dB	23 dB
	Fo + 15 MHz	Typ. 23 dB	26 dB
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	29.5 dB
Ripple		< 1 dB	dB
Impedance		In / Out : 75 Ω	In / Out : 75 Ω
(4) Torque for Tuning Screw		> 100gf • 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 75Ω by parallel with about(0 nH) / (0 nH).

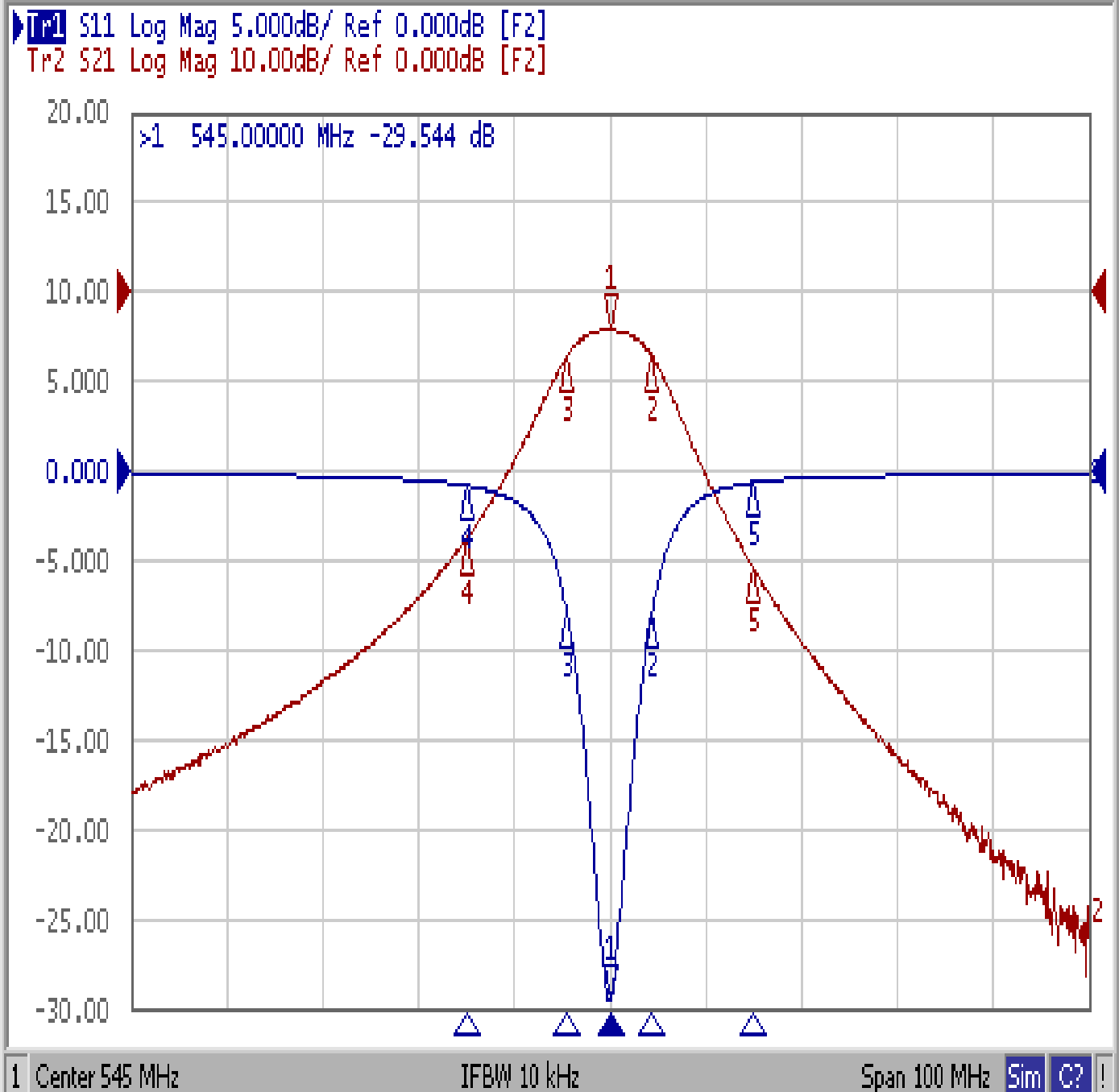


Approval C.Y.Chang	Supervisor C.S.Chang	Designer C.S.Chang	Aperture size 7H3(4*4.5) 7H046LB4 聚 3
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TEMWELL CORPORATION

# Performance-TTL6325E-545M

## 0805041CD



Ch1	Tr1	S11	>1	545.00000	MHz	-29.544	dB
Ch1	Tr1	S11	2	549.39800	MHz	-7.9228	dB
Ch1	Tr1	S11	3	540.47175	MHz	-7.8722	dB
Ch1	Tr1	S11	4	530.00000	MHz	-0.8159	dB
Ch1	Tr1	S11	5	560.00000	MHz	-0.6311	dB
Ch1	Tr2	S21	1	545.00000	MHz	-4.2499	dB
Ch1	Tr2	S21	2	549.39800	MHz	-7.2296	dB
Ch1	Tr2	S21	3	540.47175	MHz	-7.1976	dB
Ch1	Tr2	S21	4	530.00000	MHz	-27.566	dB
Ch1	Tr2	S21	5	560.00000	MHz	-30.927	dB