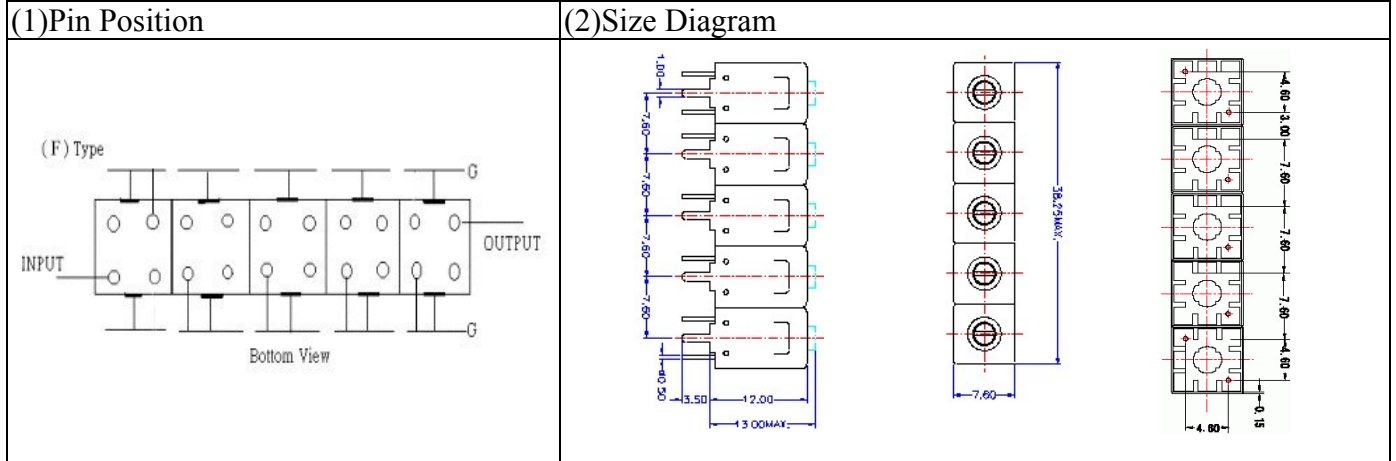
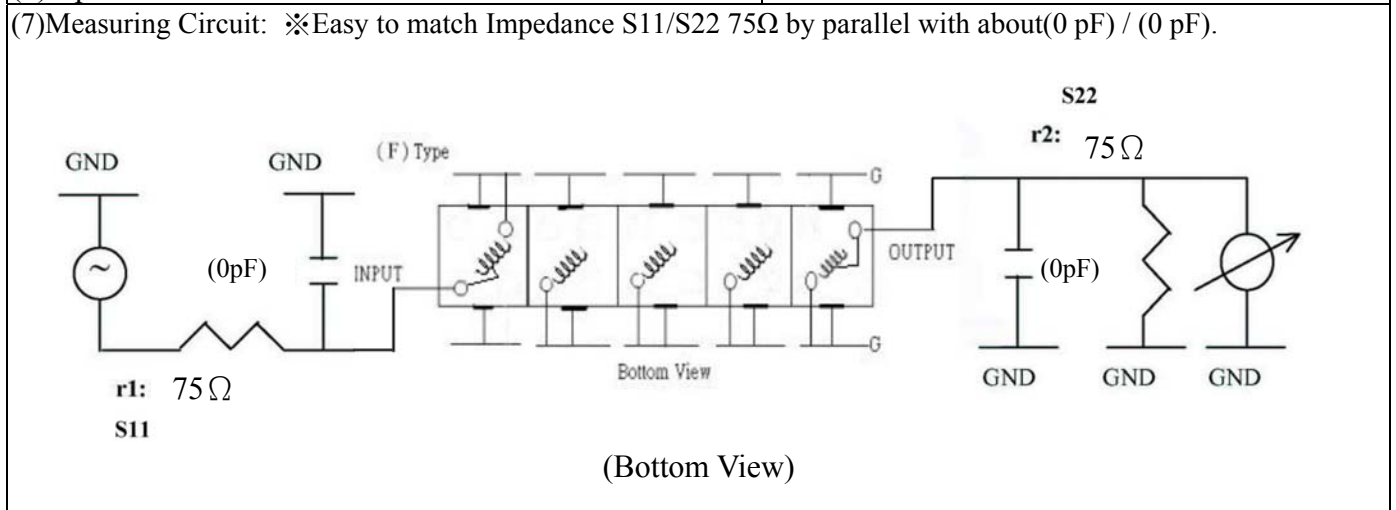


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TVL6545F-635.14M
Approval No. /dated	200809113CD	Temwell's Print Name.	6545F 635.14M
Work Instruction No.	200809113CD	Date	Sep.22.2008



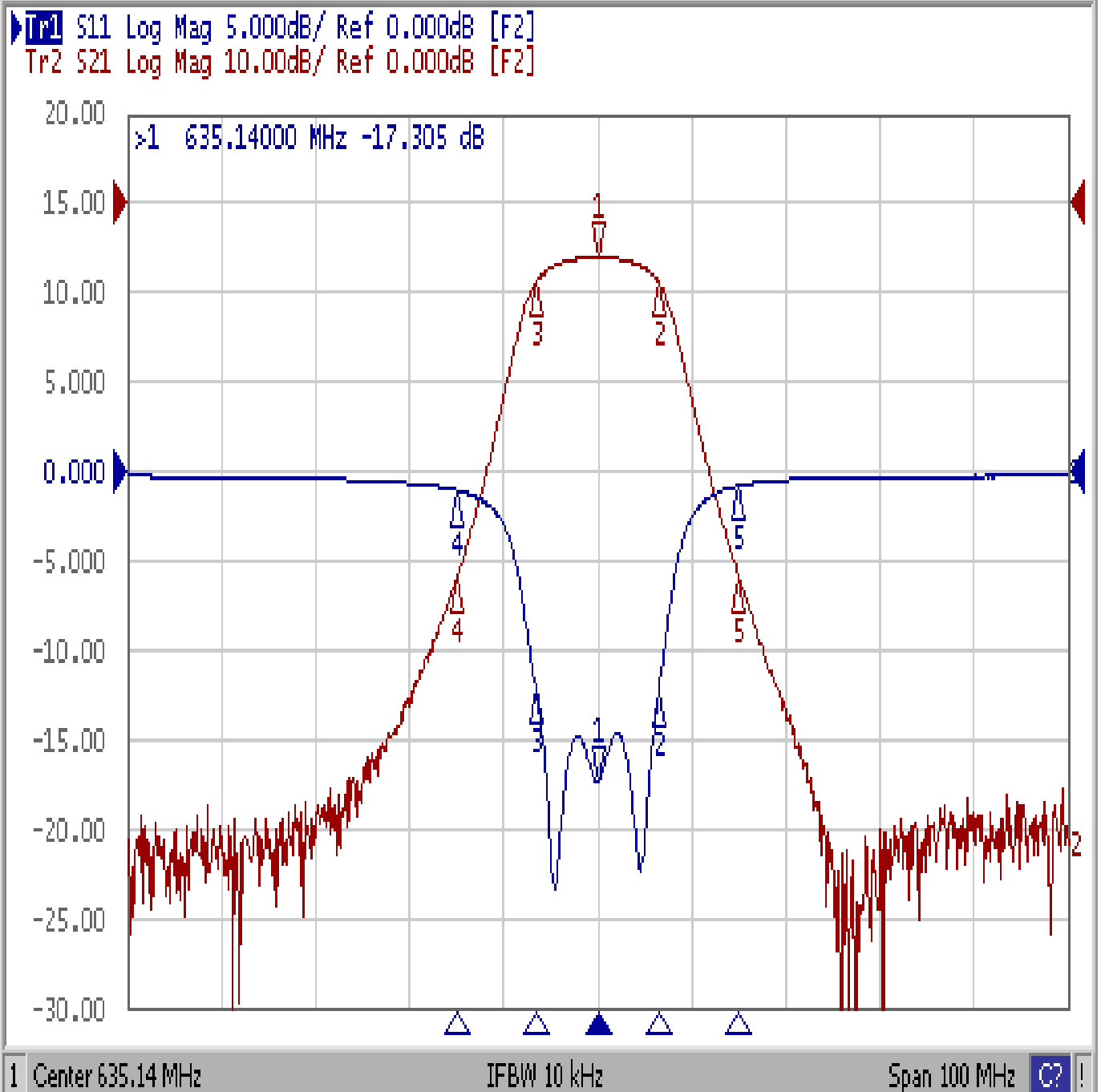
(3) Electric Character					
Item		Specify		Performance	
Center Freq.(Fo) +/- 0.75 %		635.14 MHz		635.14 MHz	
Insertion Loss		Typ. 7.0 dB		5.93 dB	
-3 dB Bandwidth		Typ. 8 MHz		13.1 MHz	
Sensitivity (Attenuation)	Fo - 15 MHz	Typ. 32 dBc		35 dBc	
	Fo + 15 MHz	Typ. 32 dBc		35 dBc	
	Fo - ()MHz	Typ. dBc		dBc	
	Fo +()MHz	Typ. dBc		dBc	
Return Loss		Min. 12 dB		17.3 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		-30°C ~ +70°C			
Storage Temperature		-30°C ~ +80°C			
(6) Input Power		> 1Watt			



Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H5S(4*4.5)F 7H046RB4
TEMWELL CORPORATION			

Performance-TVL6545F-635.14M

200809113CD



Ch1	Tr1	S11	>1	635.14000	MHz	-17.305	dB
Ch1	Tr1	S11	2	641.61000	MHz	-12.431	dB
Ch1	Tr1	S11	3	628.52425	MHz	-12.056	dB
Ch1	Tr1	S11	4	620.14000	MHz	-1.0615	dB
Ch1	Tr1	S11	5	650.14000	MHz	-0.7929	dB
Ch1	Tr2	S21	1	635.14000	MHz	-5.9352	dB
Ch1	Tr2	S21	2	641.61000	MHz	-8.8502	dB
Ch1	Tr2	S21	3	628.52425	MHz	-8.8892	dB
Ch1	Tr2	S21	4	620.14000	MHz	-41.887	dB
Ch1	Tr2	S21	5	650.14000	MHz	-41.879	dB