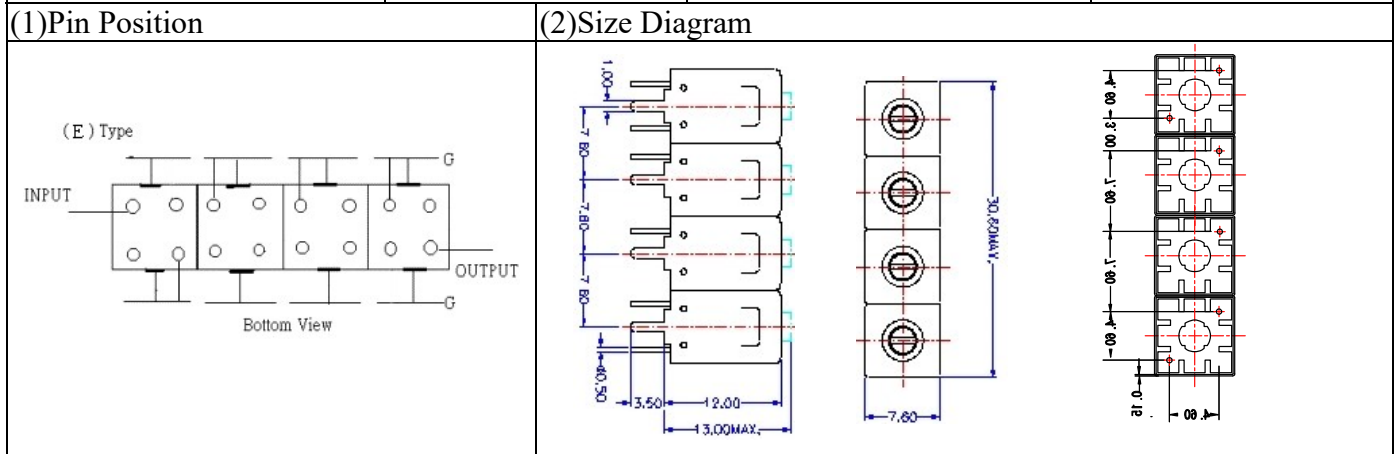


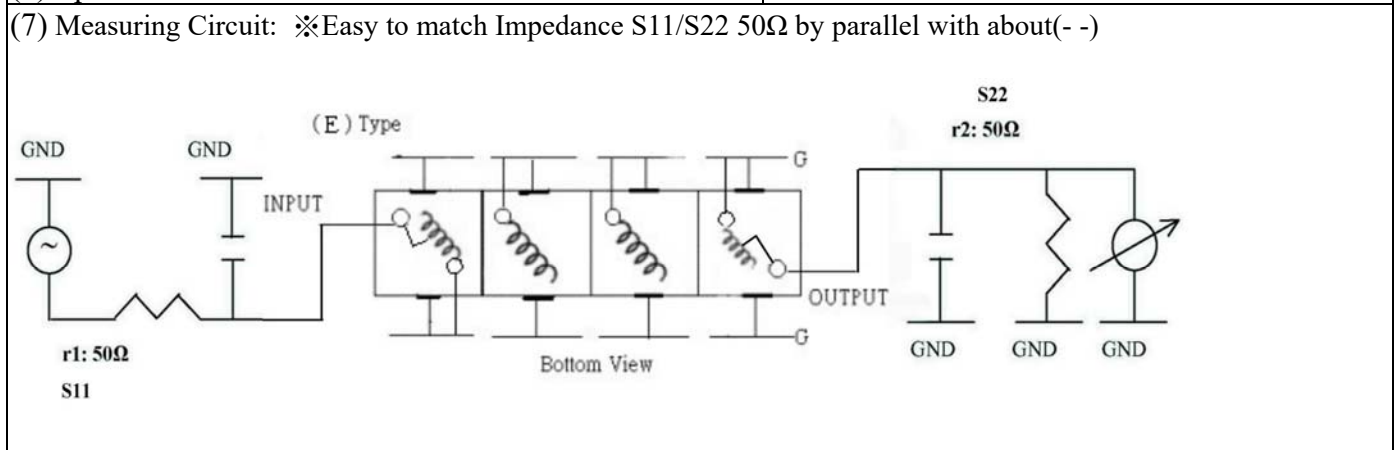
-VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF69454E-308M
Approval No. /dated	201702023CD	Temwell's Print name	69454E 308M
Work Instruction No.	201702023CD	Date	Mar.02.2017



(3) Electric Chararistic		
Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	308 MHz	308 MHz
Insertion Loss	Typ. 3.5 dB	2.68 dB
-3 dB Bandwidth	Typ. 10 MHz	15.2 MHz
Sensitivity (Attenuation)	Fo - 30 MHz	Typ. 55 dBc
	Fo + 30 MHz	Typ. 47 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	20.3 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω
(4) Torque for Tuning Screw	> 60gf · cm	

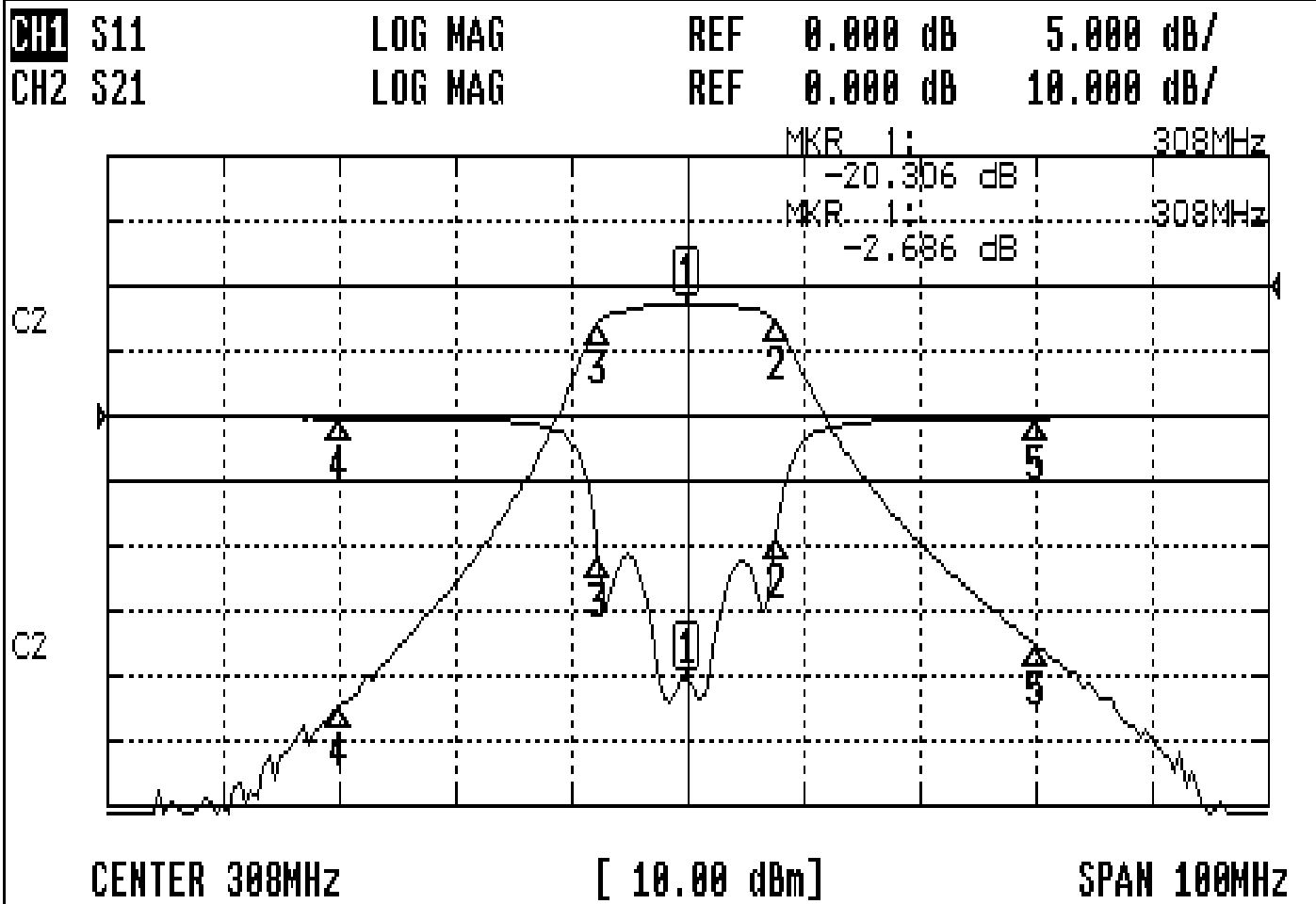
(5) Temperature Condition:	
Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C
(6) Input Power	> 1 Watt



Approval C.Y.Chang	Supervisor C.K.Chang	Designer S.F.Wu	Aperture size 7H4S(4*6.5)(6.57) 7H046LB4.3 聚 3
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Performance-TF69454E-308M

201702023CD



CH1 MARKER LIST

1:	308.000MHz	-20.318	dB	0.000	0.000
2:	315.666MHz	-9.332	dB	0.000	0.000
3:	300.416MHz	-10.980	dB	0.000	0.000
4:	278.000MHz	-0.165	dB	0.000	0.000
5:	338.000MHz	-0.159	dB	0.000	0.000

CH2 MARKER LIST

1:	308.000MHz	-2.686	dB	0.000	0.000
2:	315.666MHz	11.728	dB	0.000	0.000
3:	300.416MHz	11.780	dB	0.000	0.000
4:	278.000MHz	15.095	dB	0.000	0.000
5:	338.000MHz	55.206	dB	0.000	0.000