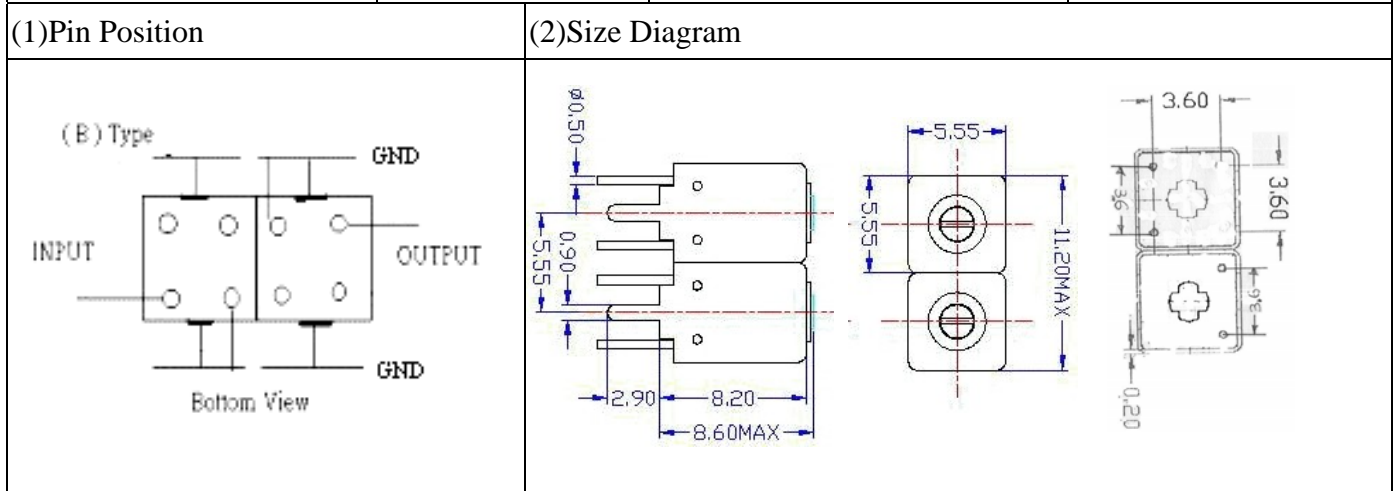


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2432B-480M
Approval No. /dated	20111015DC	Acceptable Specify Fo. Range	451~500MHz
Work Instruction No.	20111015DC	Date	Nov.21.2001



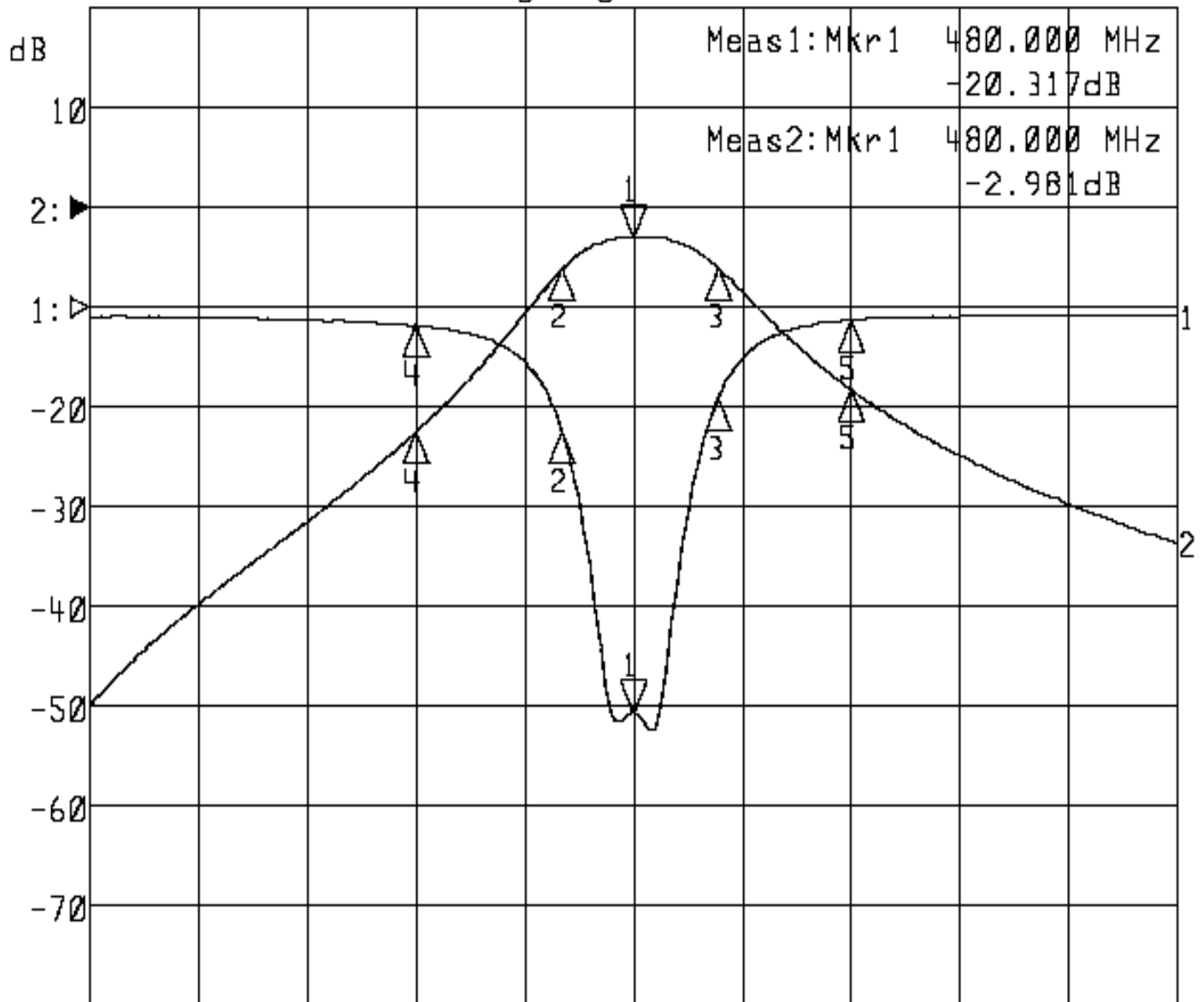
(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		480 MHz	480 MHz
Tunable Range:		480±5 MHz	480±5 MHz
Insertion Loss		Typ. 3.5 dB	2.98 dB
-3 dB Bandwidth		Typ. 12 MHz	14.2 MHz
Sensitivity (Attenuation)	Fo - 20 MHz	Typ. 18 dBc	19 dBc
	Fo + 20 MHz	Typ. 12 dBc	15 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	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		> 0.5Watt	
Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	Enlen	5W2S(3.8*3.7) 5HW024RB3

TEMWELL CORPORATION

Performance-TDW2432B-480M

20111015DC

▶1:S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C
▶2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 480.000 MHz

Span 100.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 480.0000	-20.317	1> 480.0000	-2.981
2: 473.5000	-6.211	2: 473.5000	-6.107
3: 487.7667	-4.595	3: 487.7667	-5.993
4: 460.0000	-0.908	4: 460.0000	-22.540
5: 500.0000	-0.638	5: 500.0000	-18.265