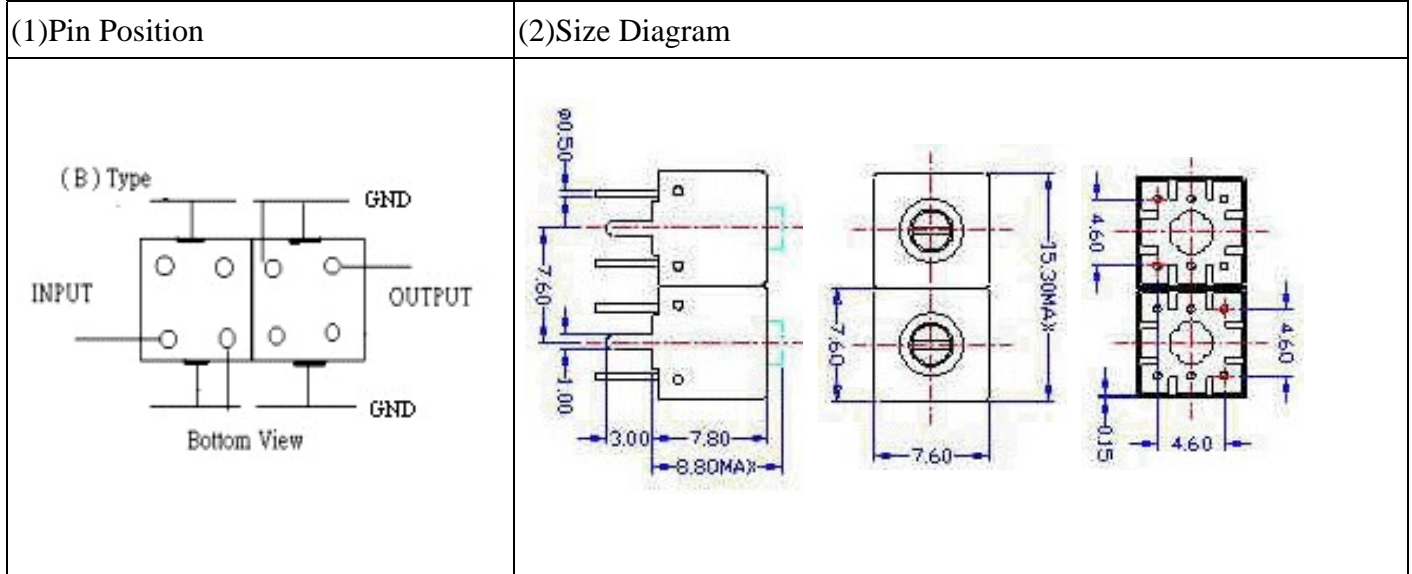


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2066B-440M
Approval No. /dated	20103104DC	Acceptable Specify Fo. Range	401~455MHz
Work Instruction No.	20103104DC	Date	2001.3.30



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	440 MHz	440 MHz	
Tunable Range	440±5 MHz	440±5 MHz	
Insertion Loss	Typ. 3.0 dB	2.0 dB	
-3 dB Bandwidth	Typ. 18 MHz	22 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 19 dBc	22 dBc
	Fo + 50 MHz	Typ. 15 dBc	18 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	21 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 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	
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S2S(4*3.5) 7S024RB5.5

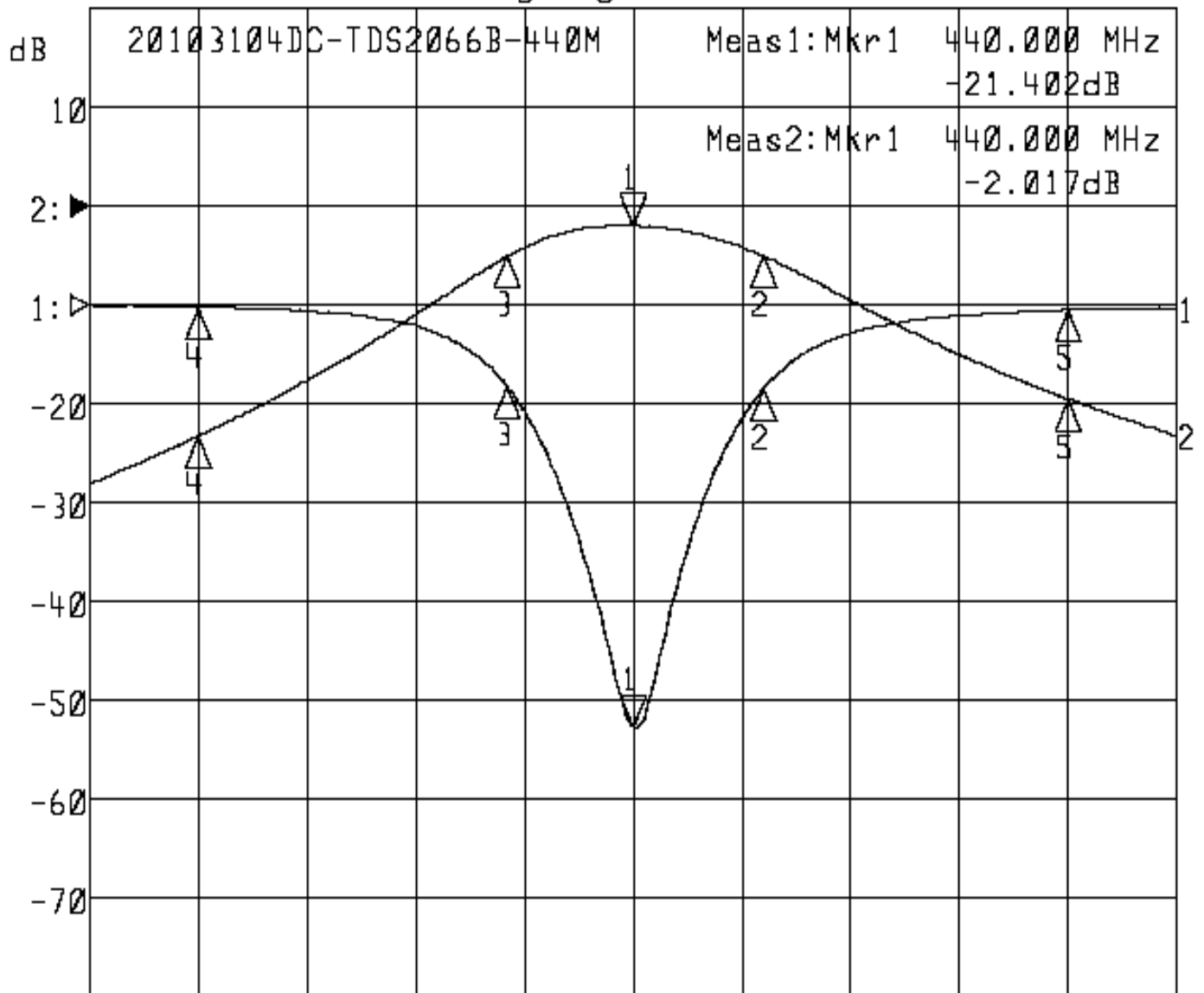
TEMWELL CORPORATION

Performance-TDS2066B-440M

20103104DC

▶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 440.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 440.0000	-21.402	1> 440.0000	-2.017
2: 452.0295	-4.216	2: 452.0295	-5.054
3: 428.4071	-4.081	3: 428.4071	-5.075
4: 400.0000	-0.133	4: 400.0000	-23.285
5: 480.0000	-0.257	5: 480.0000	-19.457