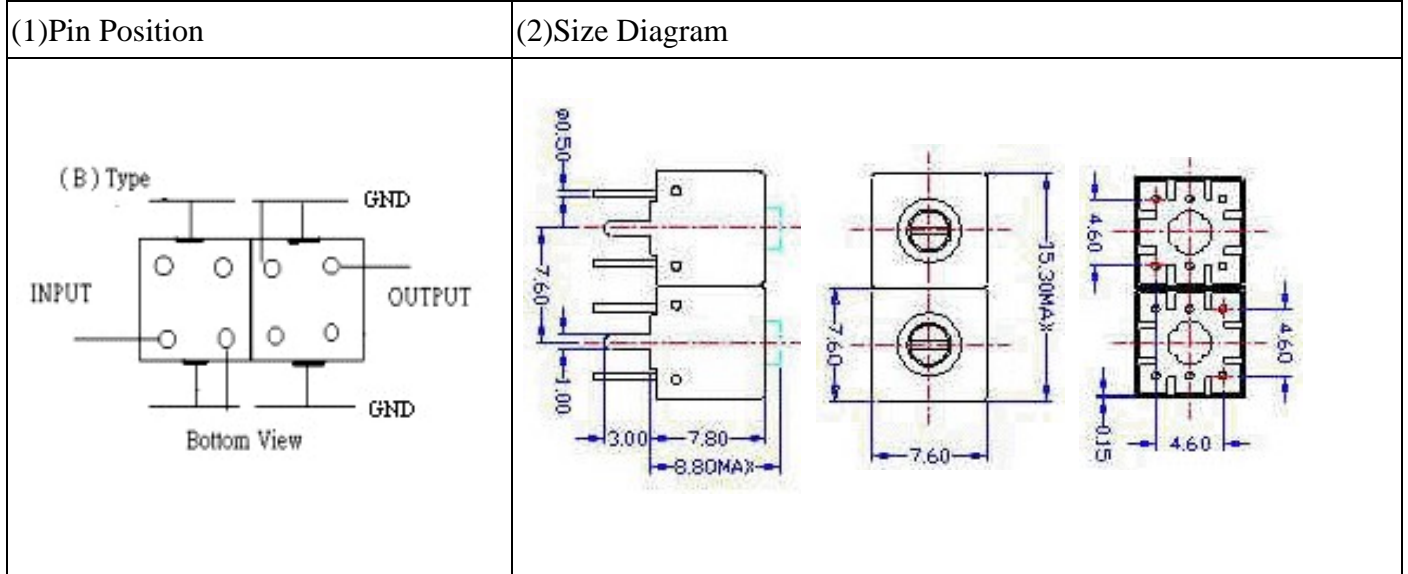


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2062B-433.92M
Approval No. /dated	20108040C	Acceptable Specify Fo. Range	401~455MHz
Work Instruction No.	20108040C	Date	2001.08.30



(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	433.92 MHz	433.92 MHz
Tunable Range	433.92±5 MHz	433.92±5 MHz
Insertion Loss	Typ. 3.5 dB	2.5 dB
-3 dB Bandwidth	Typ. 11 MHz	15 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 30 dBc
	Fo + 50 MHz	Typ. 26 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	19 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

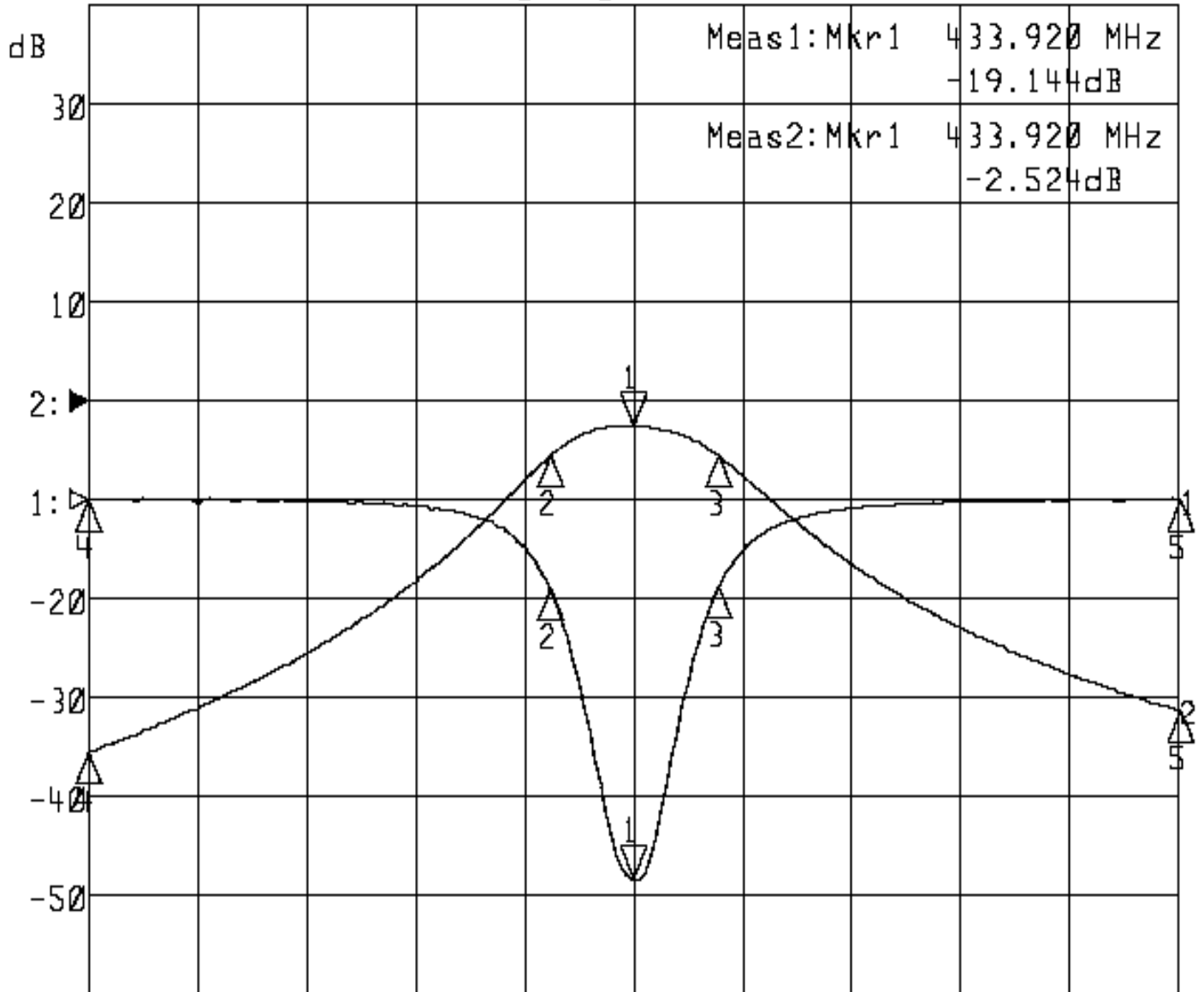
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S2S(4*3.5) 7S024RB5.5

TEMWELL CORPORATION

Performance-TDS2062B-433.92M

20108040C

▷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 433.920 MHz

Span 100.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 433.9200	-19.144	1> 433.9200	-2.524
2: 426.2533	-4.468	2: 426.2533	-5.614
3: 441.7533	-4.417	3: 441.7533	-5.519
4: 383.9200	-0.011	4: 383.9200	-35.561
5: 483.9200	0.009	5: 483.9200	-31.291