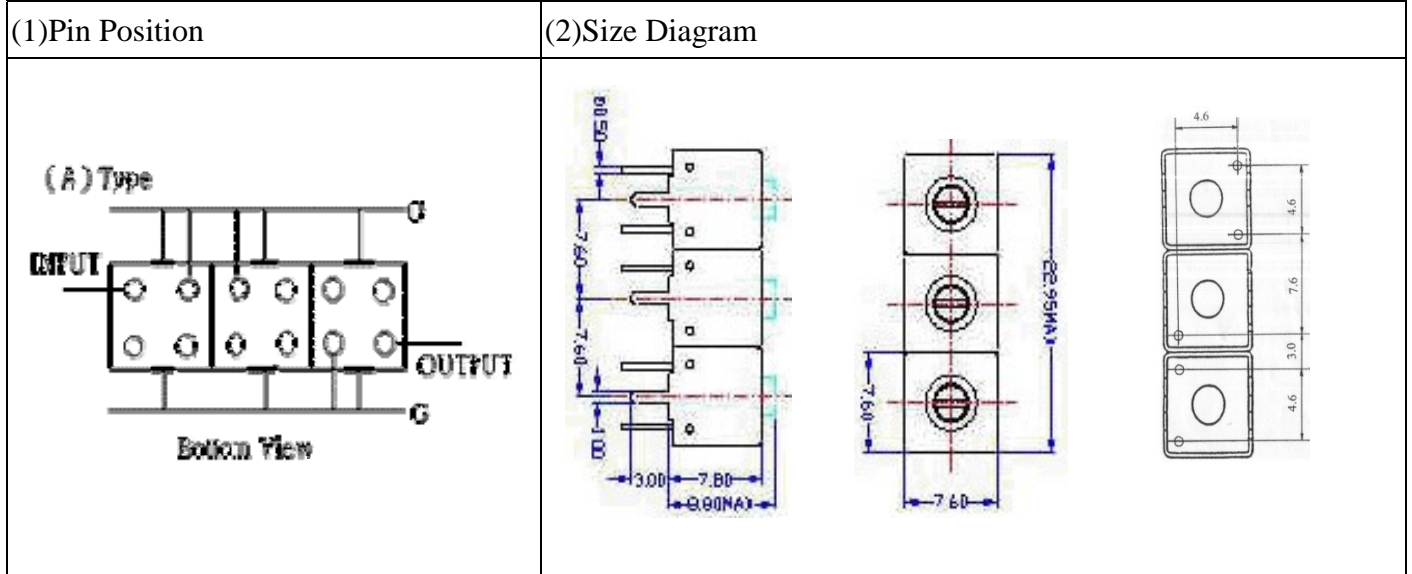


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3315A-1472M
Approval No. /dated	20110056DC	Acceptable Specify Fo. Range	1301~1500MHz
Work Instruction No.	20110056DC	Date	2001.10.26



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1472 MHz	1472 MHz	
Tunable Range	1472 ±10 MHz	1472 ±10 MHz	
Insertion Loss	Typ. 4.5 dB	3.6 dB	
-3 dB Bandwidth	Typ. 60 MHz	68 MHz	
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 34 dBc	37 dBc
	Fo + 150 MHz	Typ. 23 dBc	26 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 : 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

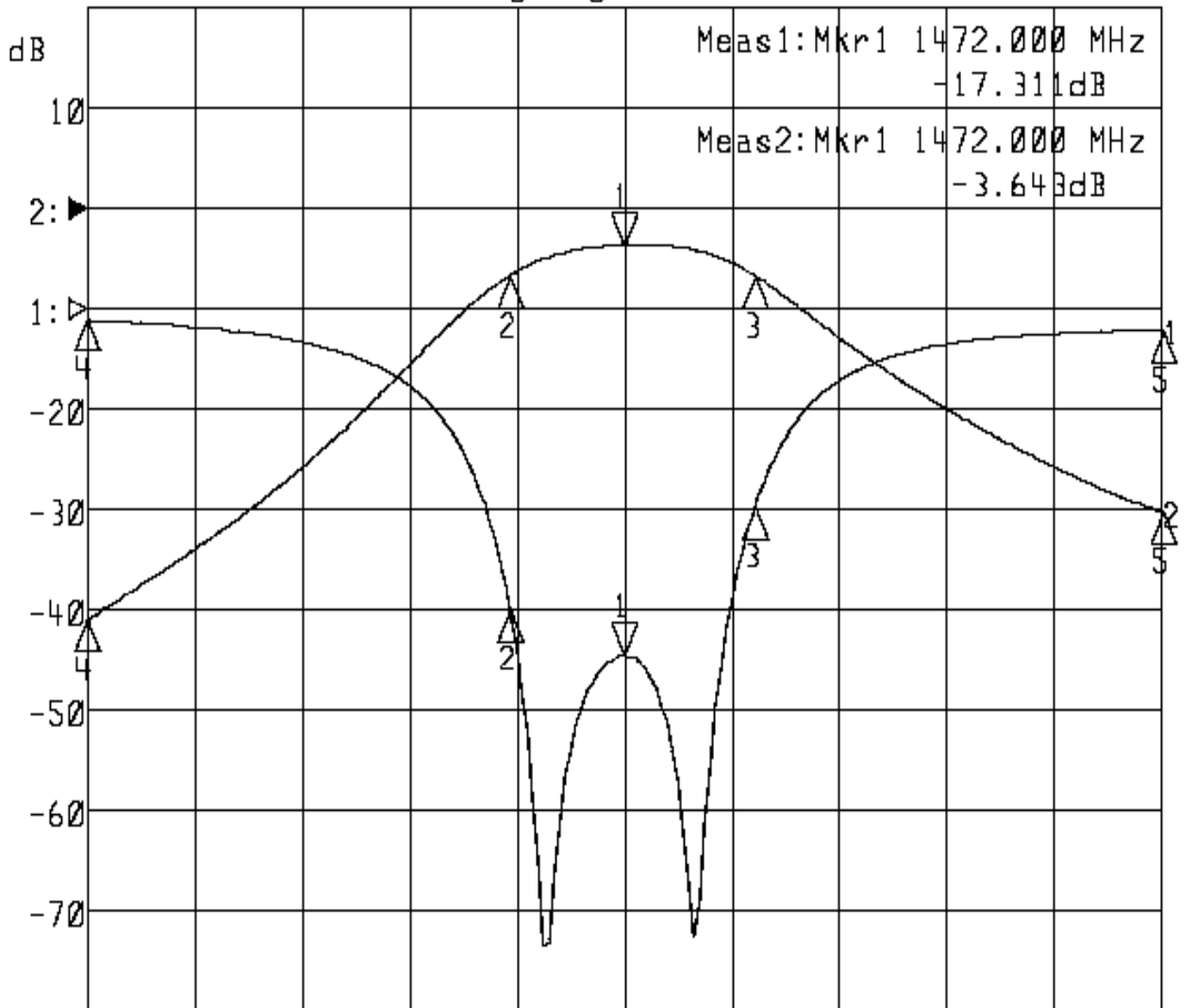
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S3S(4*5.2) 7S046LB6

TEMWELL CORPORATION

Performance-TTS3315A-1472M

20110056DC

▶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 1 472.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 1472.0000	-17.311	1> 1472.0000	-3.643
2: 1440.2000	-14.974	2: 1440.2000	-6.636
3: 1508.4000	-9.884	3: 1508.4000	-6.674
4: 1322.0000	-0.530	4: 1322.0000	-40.997
5: 1622.0000	-1.071	5: 1622.0000	-30.271