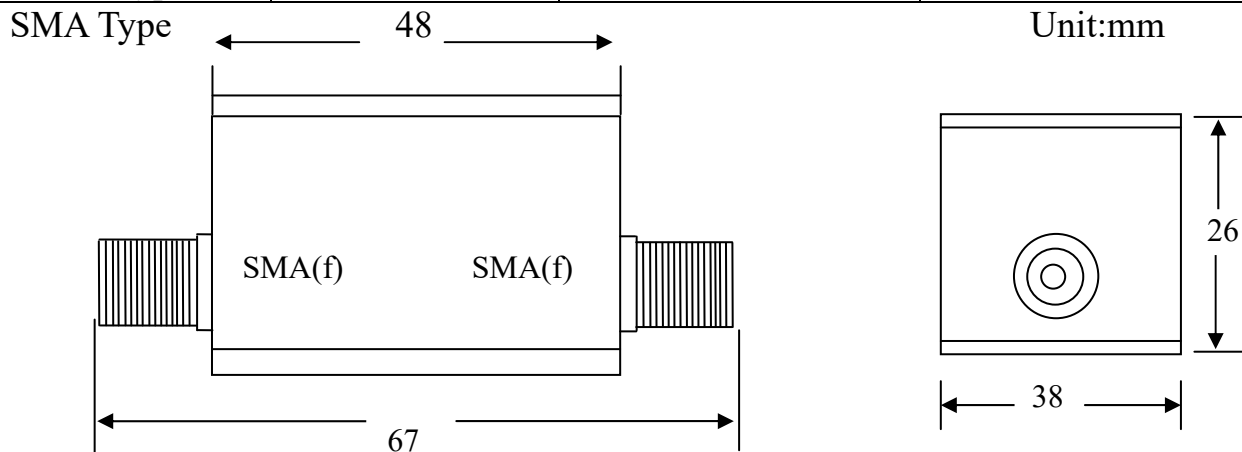


TM Module Filter Specification Sheet

Customer Name		Temwell's Part No.	TM-TTW3630B-435M-SMA
Approval No. /dated	202012014CD	Customer's Part No.	
Work Instruction No.	202012014CD	Date	Mar.05.2021
Case Name	TM	Temwell's print name	3630B 435M
Terminator Type	SMA(f)/SMA(f)	Case size : (mm)	48*38*26



(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	435 MHz	435 MHz
Insertion Loss	Typ. 4.0 dB	2.02 dB
-3 dB Bandwidth	Typ. 26 MHz	31.3 MHz
Sensitivity (Attenuation)	Fo -(140) MHz	Typ. 59 dB
	Fo +(140)MHz	Typ. 55 dB
	Fo - ()MHz	Typ. dB
	Fo +()MHz	Typ. dB
Return Loss	Min. 12 dB	27.6 dB
Ripple	< 1 dB	dB
Group Delay	ns	ns
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

4. Temperature Condition:

Operating Temperature	-0 °C ~ +60 °C
Storage Temperature	-20 °C ~ +70 °C

Approval	Supervisor	Designer	PCB
C.C. Chang	C.K. Chang	S.J. Li	5W3B PCB(41x12) 5HW024LB3
TEMWELL CORPORATION			

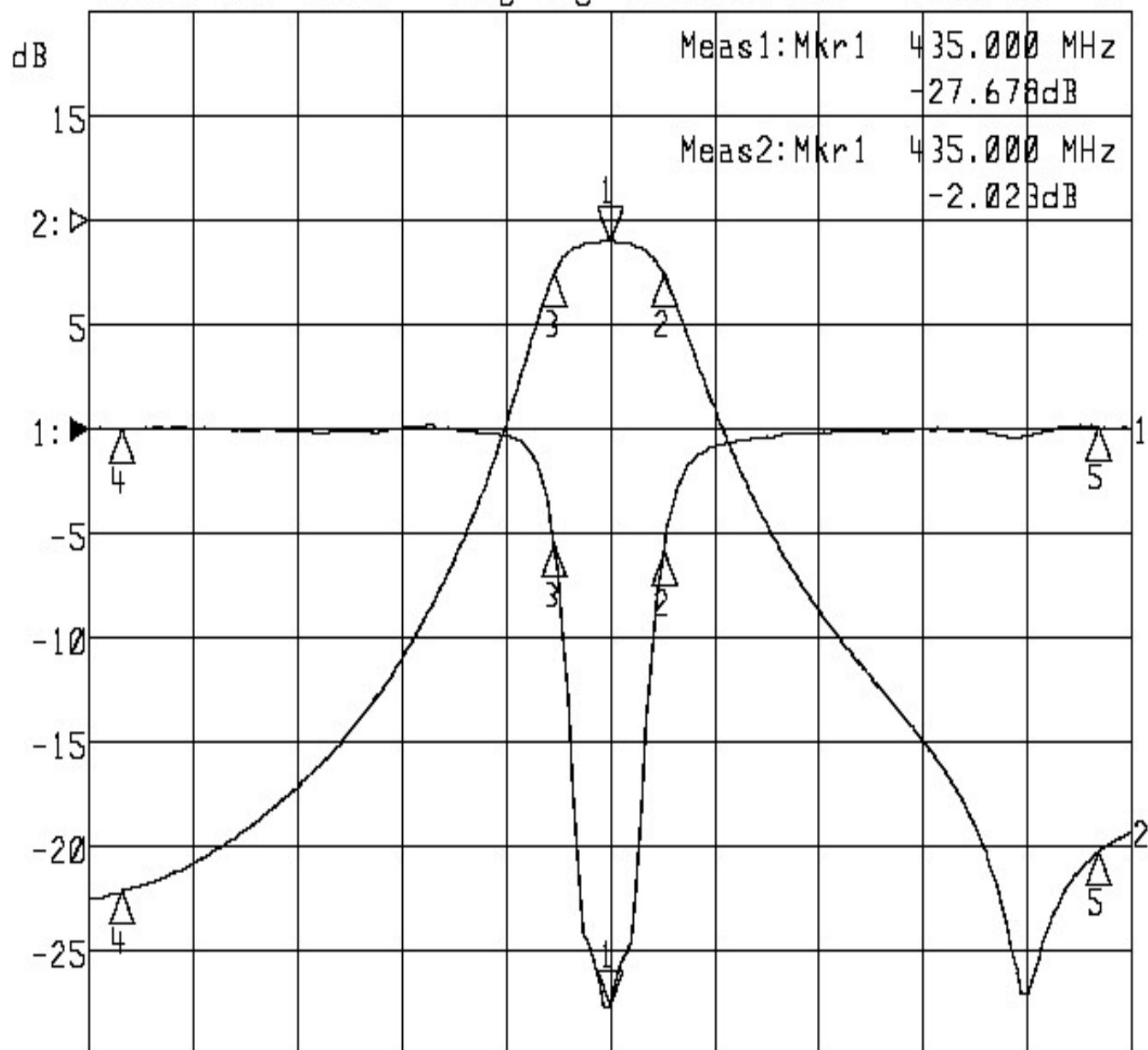
TEMWELL Form11- TM- -Vession C

RP:(S.J.)

Performance-TM-TTW3630B-435M-SMA

202012014CD

►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 435.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 435.0000	-27.678	1> 435.0000	-2.023
2: 450.3000	-5.881	2: 450.3000	-5.069
3: 419.0000	-5.496	3: 419.0000	-5.098
4: 295.0000	0.023	4: 295.0000	-64.325
5: 575.0000	0.087	5: 575.0000	-60.621