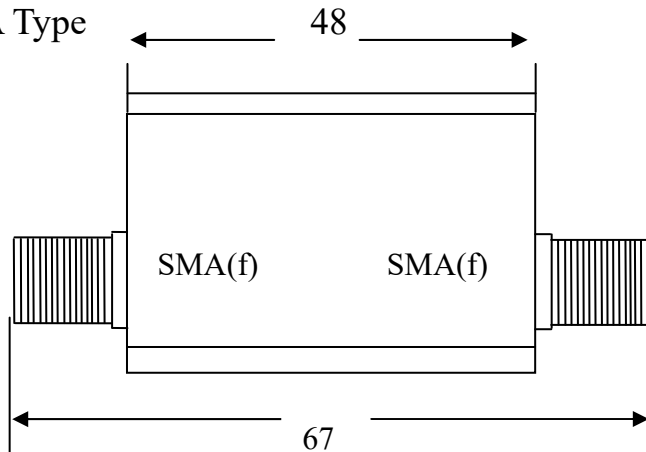


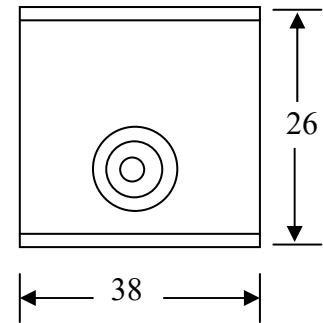
TM Module Filter Specification Sheet

Customer Name		Temwell's Part No.	TM-TT67709B-146M-SMA
Approval No. /dated	202012011CD	Customer's Part No.	
Work Instruction No.	202012011CD	Date	Dec.08.2020
Case Name	TM	Temwell's print name	67709B 146M
Terminator Type	SMA(f)/SMA(f)	Case size : (mm)	48*38*26

SMA Type



Unit:mm



(3) Electric Character

Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		146 MHz	146 MHz
Insertion Loss		Typ. 3.5 dB	2.98 dB
-3 dB Bandwidth		Typ. 5 MHz	6.4 MHz
Sensitivity (Attenuation)	Fo -(10) MHz	Typ. 30 dB	35 dB
	Fo +(10)MHz	Typ. 26 dB	31 dB
	Fo -()MHz	>	dB
	Fo +()MHz	Typ. dB	dB
Return Loss		Min. 12 dB	22.3 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	7H3B PCB(41x12) 7H024RB4X

TEMWELL CORPORATION

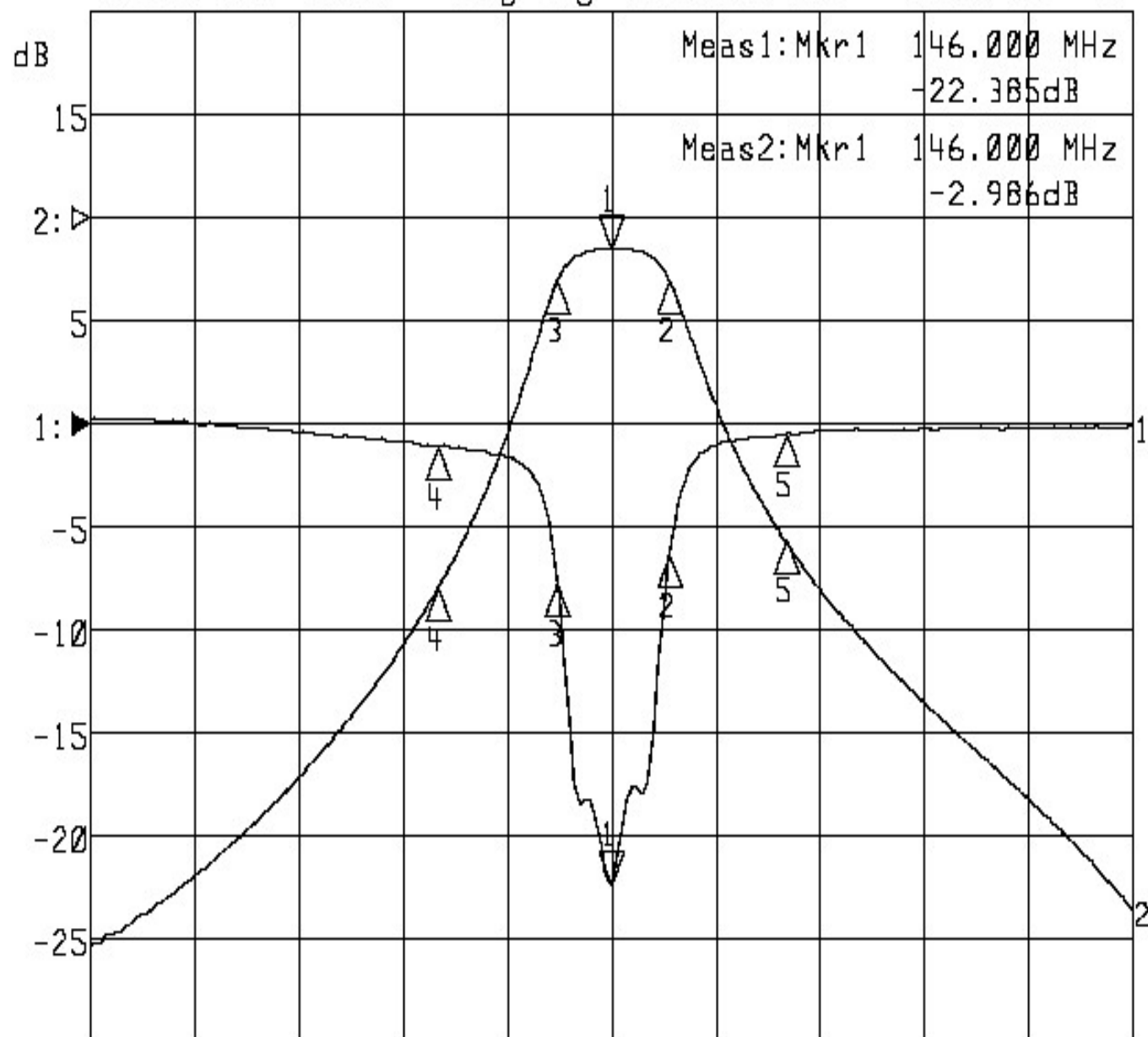
TEMWELL Form11- TM- -Vession C

RP(S.J.)

Performance-TM-TT67709B-146M-SMA

202012011CD

►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 146.000 MHz

Span 60.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 146.0000	-22.385	1> 146.0000	-2.986
2: 149.3200	-6.419	2: 149.3200	-5.981
3: 142.9200	-7.703	3: 142.9200	-5.913
4: 136.0000	-1.102	4: 136.0000	-35.999
5: 156.0000	-0.536	5: 156.0000	-31.318