Part No. WFIL-N1525-1559F

1525-1559MHz Notch Filter/SMA/LTE Band 24 Dowmlink



Features:

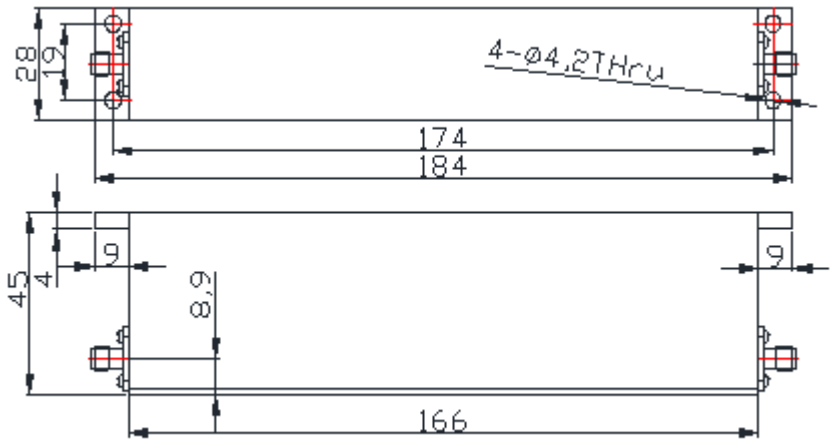
- Low VSWR
- Low Insertion Loss
- High Performance

Unit:mm

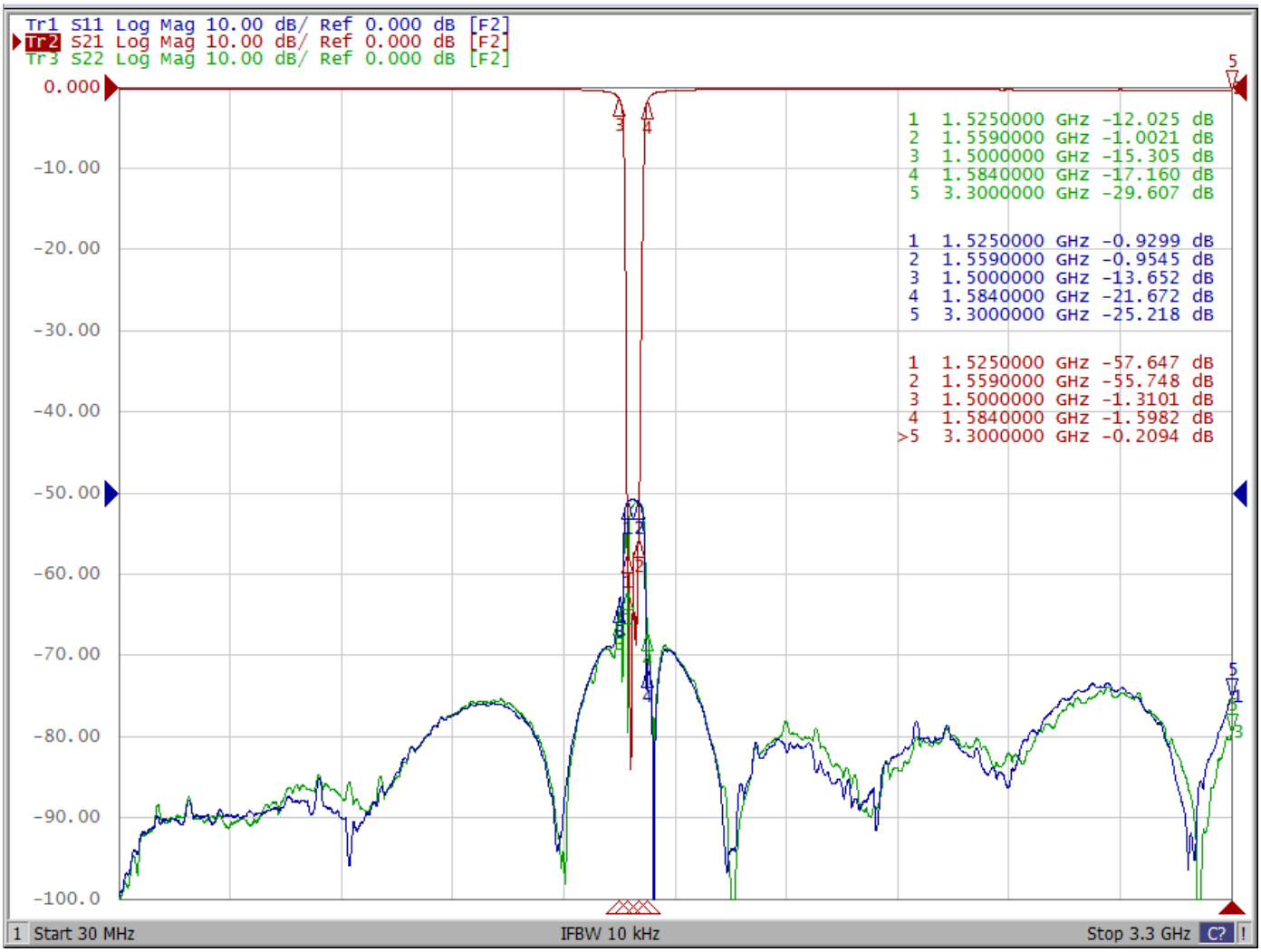
Electrical Specification	
Description	Notch Filter
Notch Depth	50dB min.: 1525-1559MHz
Passband	DC-1500MHz , 1584-3300MHz
Insertion Loss	2.0dB max.
Return Loss	10dB min.
Power Handling	10W
Impedance	50 Ohm
Connector Type	SMA Female

Environmental Specification	
Operating Temperature	0~+55℃

Outline



Test Curve


Tr1 S11 Log Mag 10.00 dB/ Ref 0.000 dB [F2]
Tr2 S21 Log Mag 10.00 dB/ Ref 0.000 dB [F2]
Tr3 S22 Log Mag 10.00 dB/ Ref 0.000 dB [F2]
0.000
-10.00
-20.00
-30.00
-40.00
-50.00
-60.00
-70.00
-80.00
-90.00
-100.0
1 1.5250000 GHz -12.025 dB
2 1.5590000 GHz -1.0021 dB
3 1.5000000 GHz -15.305 dB
4 1.5840000 GHz -17.160 dB
5 3.3000000 GHz -29.607 dB
1 1.5250000 GHz -0.9299 dB
2 1.5590000 GHz -0.9545 dB
3 1.5000000 GHz -13.652 dB
4 1.5840000 GHz -21.672 dB
5 3.3000000 GHz -25.218 dB
1 1.5250000 GHz -57.647 dB
2 1.5590000 GHz -55.748 dB
3 1.5000000 GHz -1.3101 dB
4 1.5840000 GHz -1.5982 dB
>5 3.3000000 GHz -0.2094 dB
1 Start 30 MHz
IFBW 10 kHz
Stop 3.3 GHz