Part No. WFIL-N420-450F

420-450MHz Notch Filter/SMA



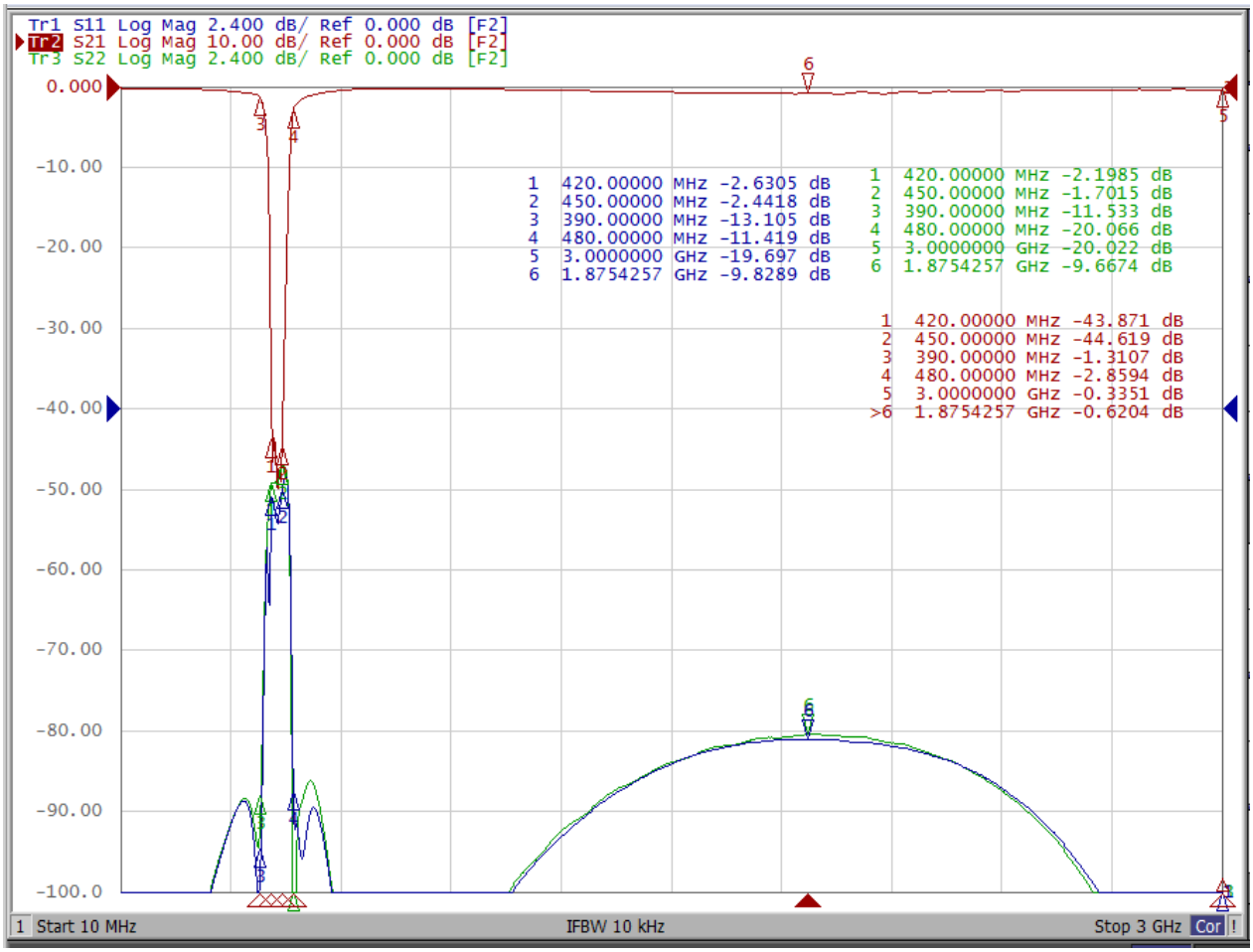
Features:

- Low VSWR
- Low Insertion Loss
- High Performance

Electrical Specification	
Description	Notch Filter
Notch Depth	40dB min. :420-450MHz
Passband	DC-390MHz , 480-3000MHz
Insertion Loss	3.0dB max.
VSWR	2.0:1 max.
Impedance	50 Ohm
Power Handling	5W
Connector Type	SMA Female
Size	≦25.4*24.9*13mm

Environmental Specification	
Operating Temperature	0~+50℃

Test Curve


Tr1 S11 Log Mag 2.400 dB/ Ref 0.000 dB [F2]
Tr2 S21 Log Mag 10.00 dB/ Ref 0.000 dB [F2]
Tr3 S22 Log Mag 2.400 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
1 420.00000 MHz -2.6305 dB
2 450.00000 MHz -2.4418 dB
3 390.00000 MHz -13.105 dB
4 480.00000 MHz -11.419 dB
5 3.0000000 GHz -19.697 dB
6 1.8754257 GHz -9.8289 dB
1 420.00000 MHz -2.1985 dB
2 450.00000 MHz -1.7015 dB
3 390.00000 MHz -11.533 dB
4 480.00000 MHz -20.066 dB
5 3.0000000 GHz -20.022 dB
6 1.8754257 GHz -9.6674 dB
1 420.00000 MHz -43.871 dB
2 450.00000 MHz -44.619 dB
3 390.00000 MHz -1.3107 dB
4 480.00000 MHz -2.8594 dB
5 3.0000000 GHz -0.3351 dB
>6 1.8754257 GHz -0.6204 dB
1 Start 10 MHz
IFBW 10 kHz
Stop 3 GHz
Cor