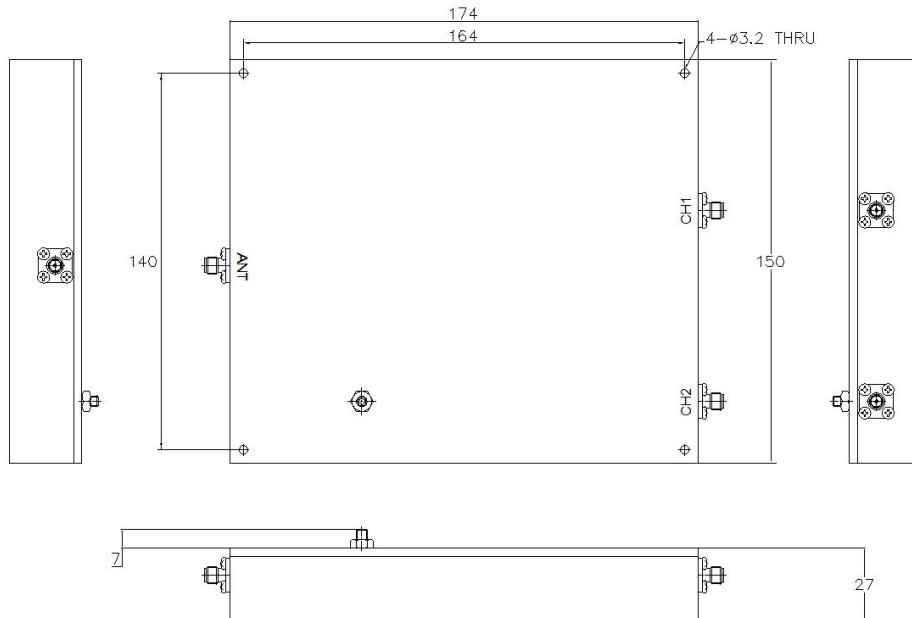


## PRODUCT SPECIFICATION FOR INFORMATION

- Product Name : RSNS DIPLEXER
- Part No : HD34204

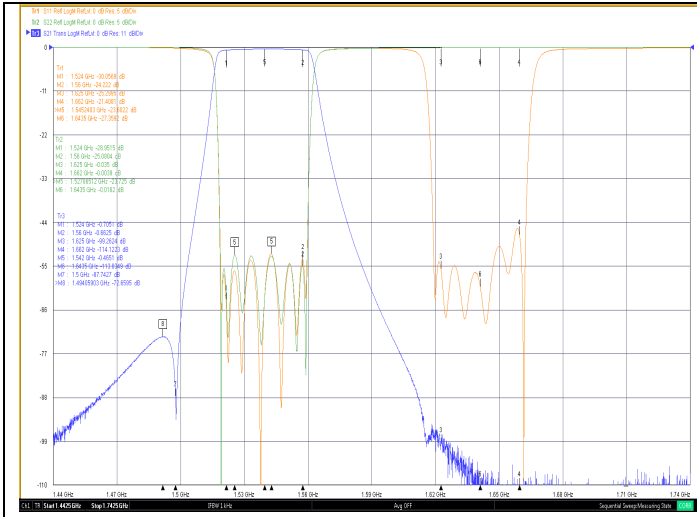


1. Channel 1 : 1524~1560MHz
2. Channel 2 : 1625~1662MHz
3. Insertion Loss : 1.0dB Max.
4. Return Loss : 18dB Min.
5. Rejection Ch 1 : 90dBc Min. @ 1625~1662MHz  
70dBc Min. @ 1800 ~ 6000MHz  
70dBc Min. @ 100 ~ 1500MHz
6. Rejection Ch 2 : 90dBc Min. @ 1524~1560MHz  
70dBc Min. @ 1.8 ~ 6GHz  
70dBc Min. @ 100 ~ 1500MHz
6. Isolation : 90dBc Min.
7. Impedance : 50Ω
8. Input Power : 20W CW Max.
9. Connectors : 3 X SMA Female
10. Size : 174 X 150 X 27mm Max.

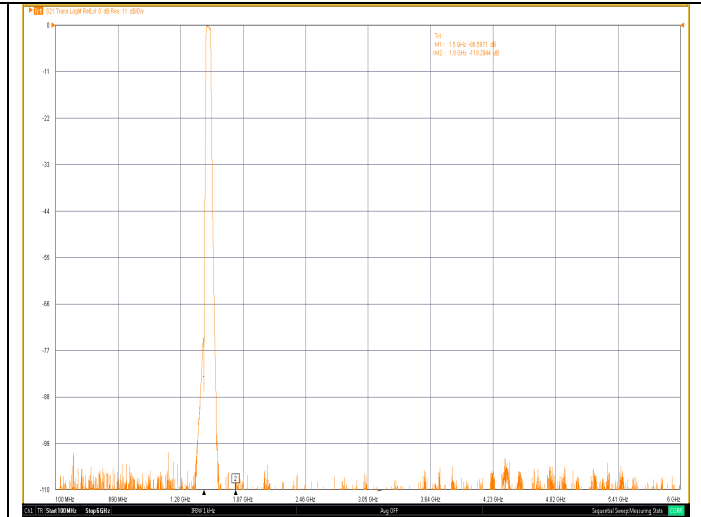
11. Finish : White Epoxy Paint per MIL-PRE-22750F

12. Operating Temperature Range : -30 ~ +65 °C

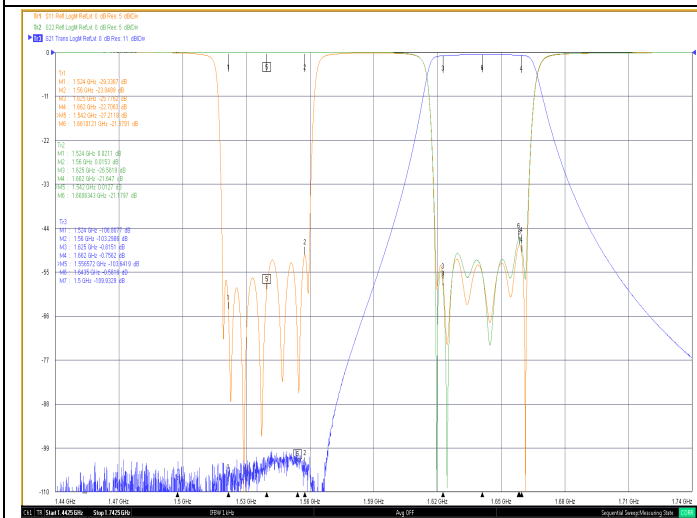
■ Simulation Curves



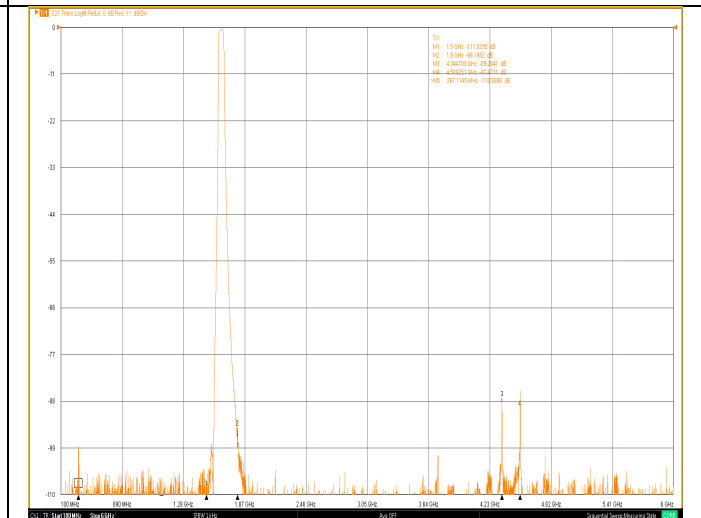
Channel#1 - I/L, R/L, Isolation



Channel#1 - Rejection



Channel#2 - I/L, R/L, Isolation



Channel#2 - Rejection