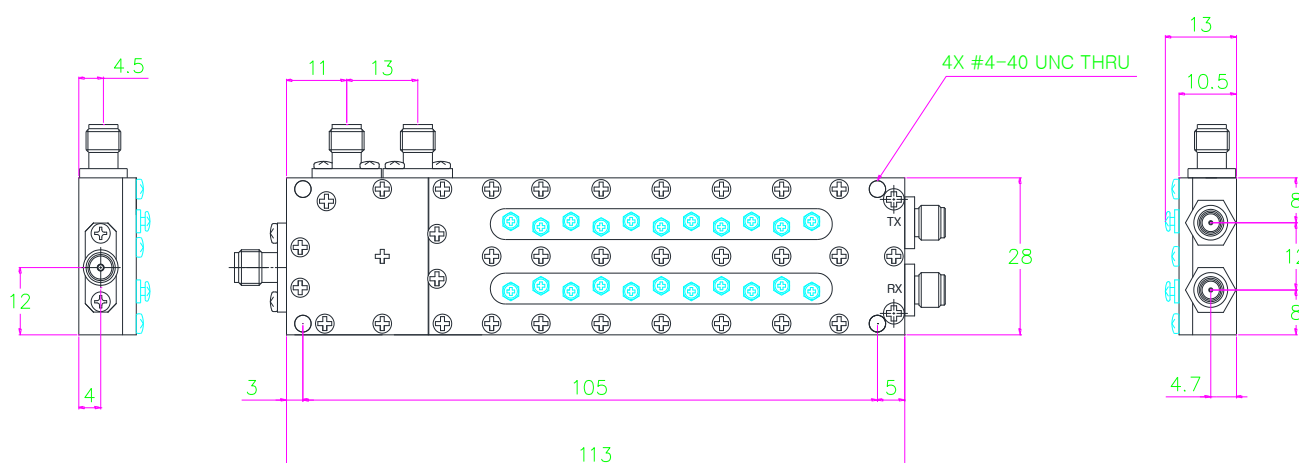


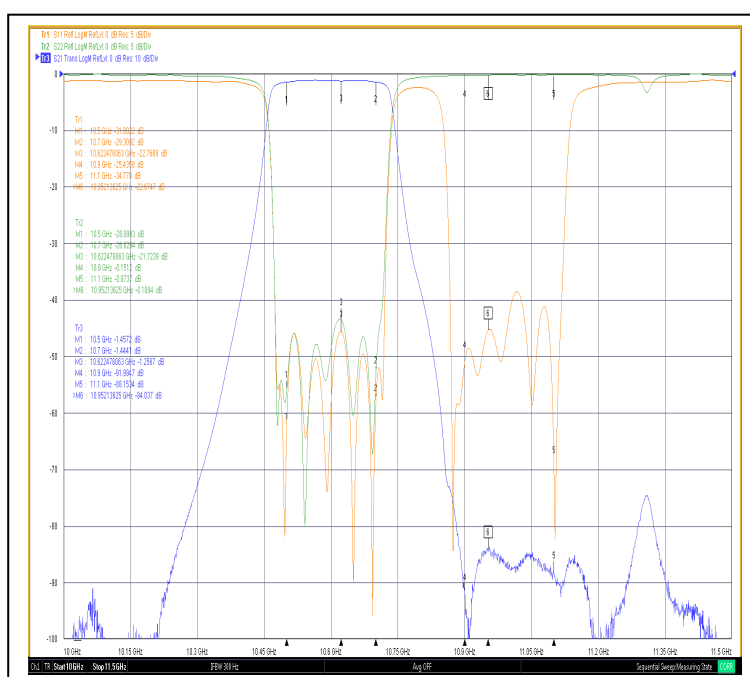
2019. 08. 23.

PRODUCT SPECIFICATION FOR INFORMATION

- Customer : B3NOVA
- Product Name : X-BAND DIPLEXER
- Part No : MDP-108000BP200DS

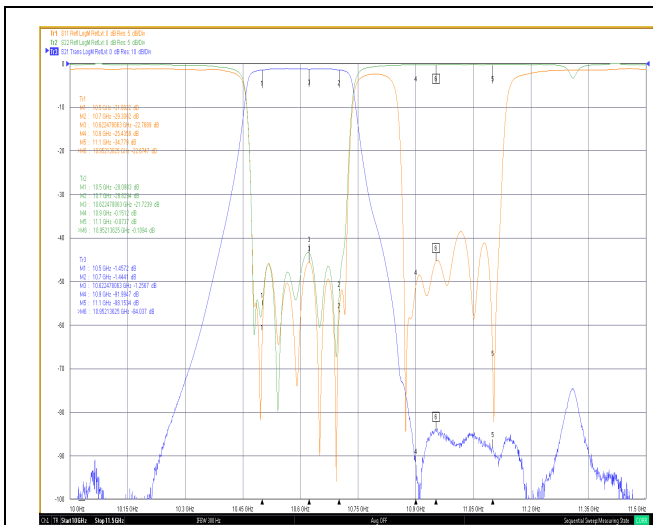


1. Input Port : 10.5GHz ~ 11.1GHz
2. Rx Port : 10.5~0.7GHz
3. Tx Port : 10.9 ~ 11.1GHz
4. Insertion Loss @ Rx : 1.5dB Max.
Insertion Loss @ Tx : 1.5dB Max.
5. Return Loss : 15dB Min.
6. Group Delay Variation : 6.5nSec Max
7. Tx/Rx Isolation : 80dB Min.
8. Harmonics : 50dBc Min. up to 2nd Harmonics
9. Input Power : 30W CW
10. Directional Coupler integrated.
11. Directivity : 30dB Min.
12. Coupling Flatness : ± 0.25 dB Max.
13. Operating Temperature : -40°C ~ +85°C
14. Size : 113.0(L) X 28.0(W) X 13.0mm(H) Max

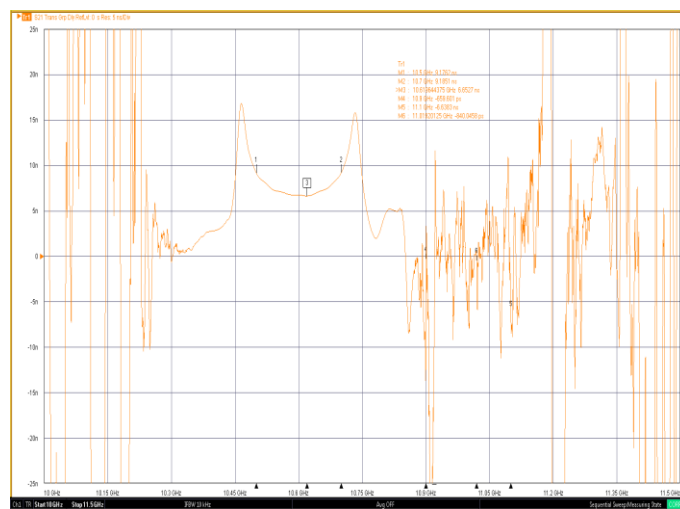


[TEST CURVE]

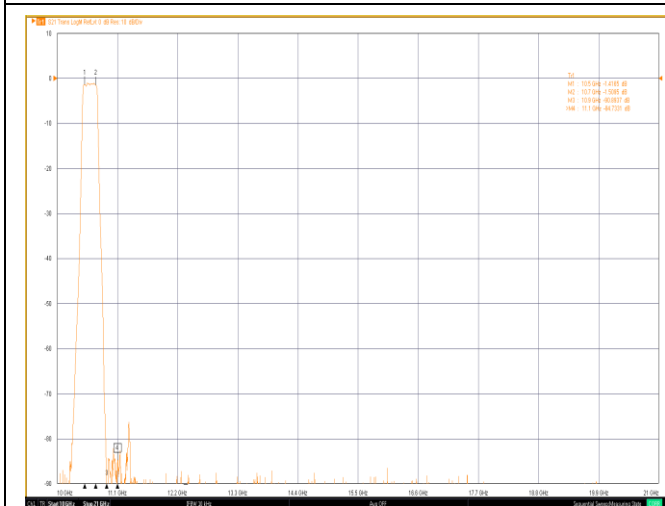
TEST RESULTS



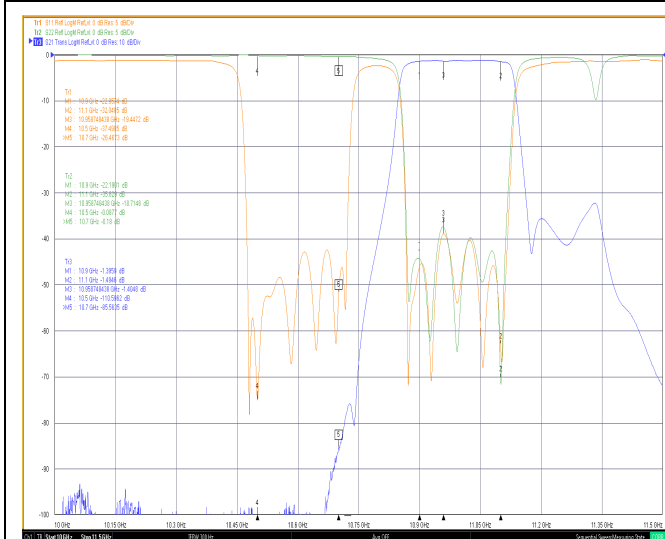
RX[I/L, R/L, Isolation]



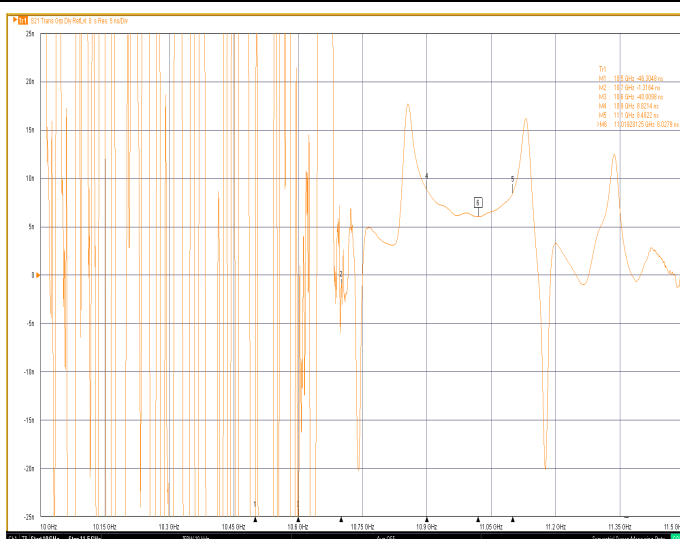
Rx[Group Delay]



Rx[2nd Harmonics]

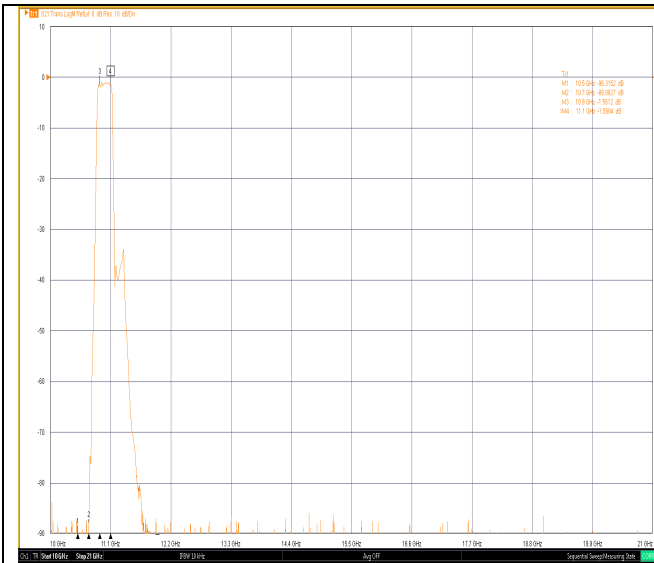


Tx[I/L, R/L, Isolation]

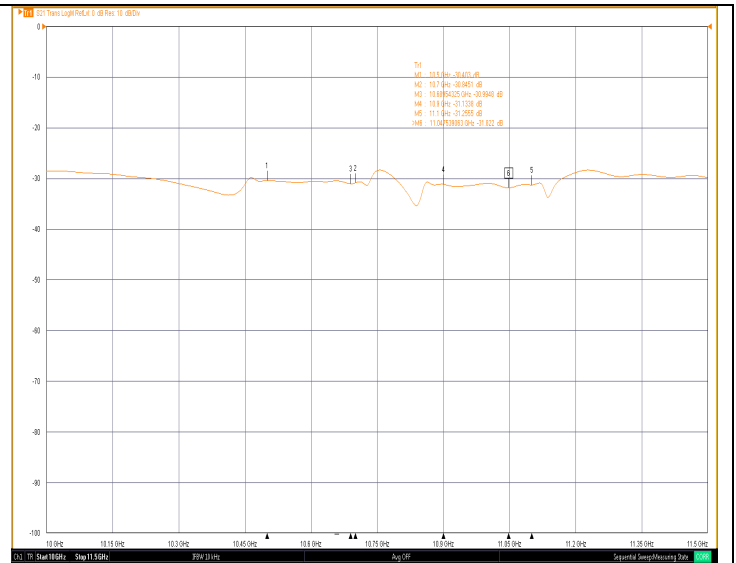


Tx[Group Delay]

■ TEST RESULTS



Tx[2nd Harmonics]



Tx/Rx[Coupling]