

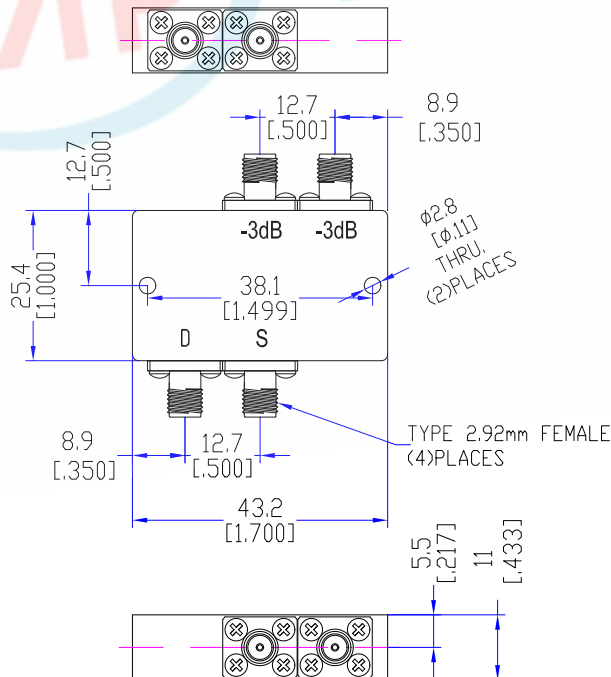
Model THC180265B

Features

- Excellent phase & amplitude balance
- Low Insertion Loss & VSWR
- High Isolation

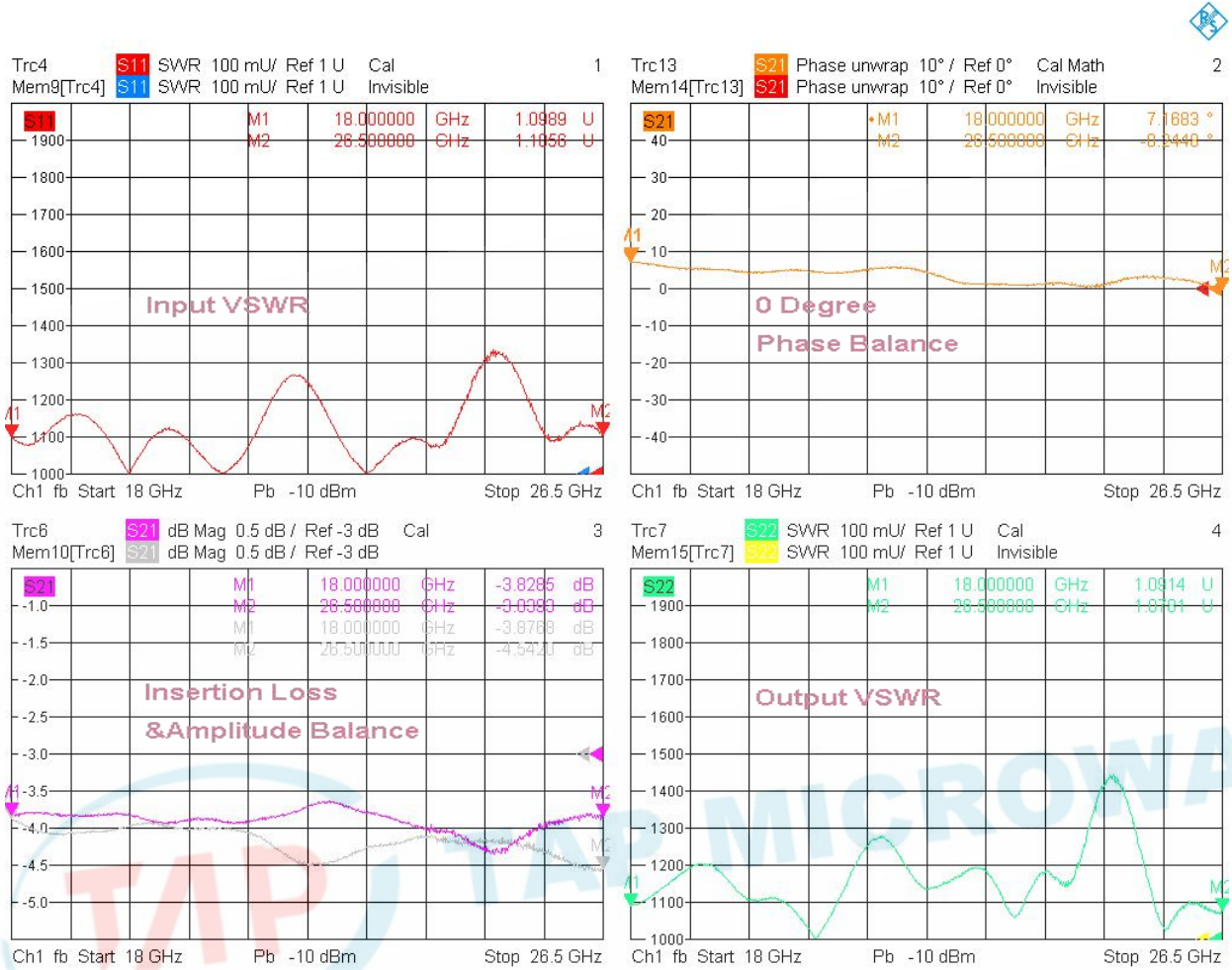
| Technical Data Sheet | | | |
|-----------------------------|------------------------------|-----------------------|------------------------------|
| Frequency Range | 18~26.5GHz | Finish | Painted Blue_ RAL #5007 |
| Nominal Split | 3.01dB | Connector Body | Passivated Stainless Steel |
| Insertion Loss | ≤1.6dB | Housing | Aluminum, 6061 T6 |
| Isolation | ≥16dB | | Clear Chem Conversion Film |
| Amplitude Balance | ≤±0.8dB | Connector Pin | Beryllium Copper, Gold Plate |
| Phase Balance | ≤±12° | Solder | Lead Free, RoHS Compliant |
| VSWR | ≤1.60:1 | Operating Temperature | -55~+85°C |
| ¹ Power Handling | Average ≤20Watt Peak ≤1KW | Operating Humidity | Up to 95%, Non-Condensing |
| Impedance | 50Ω | Weight | 50g |
| Port Connectors | 2.92mm-Female | | |

¹Power Handling guaranteed when load's VSWR within 1.50:1.



Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR $_0^\circ$

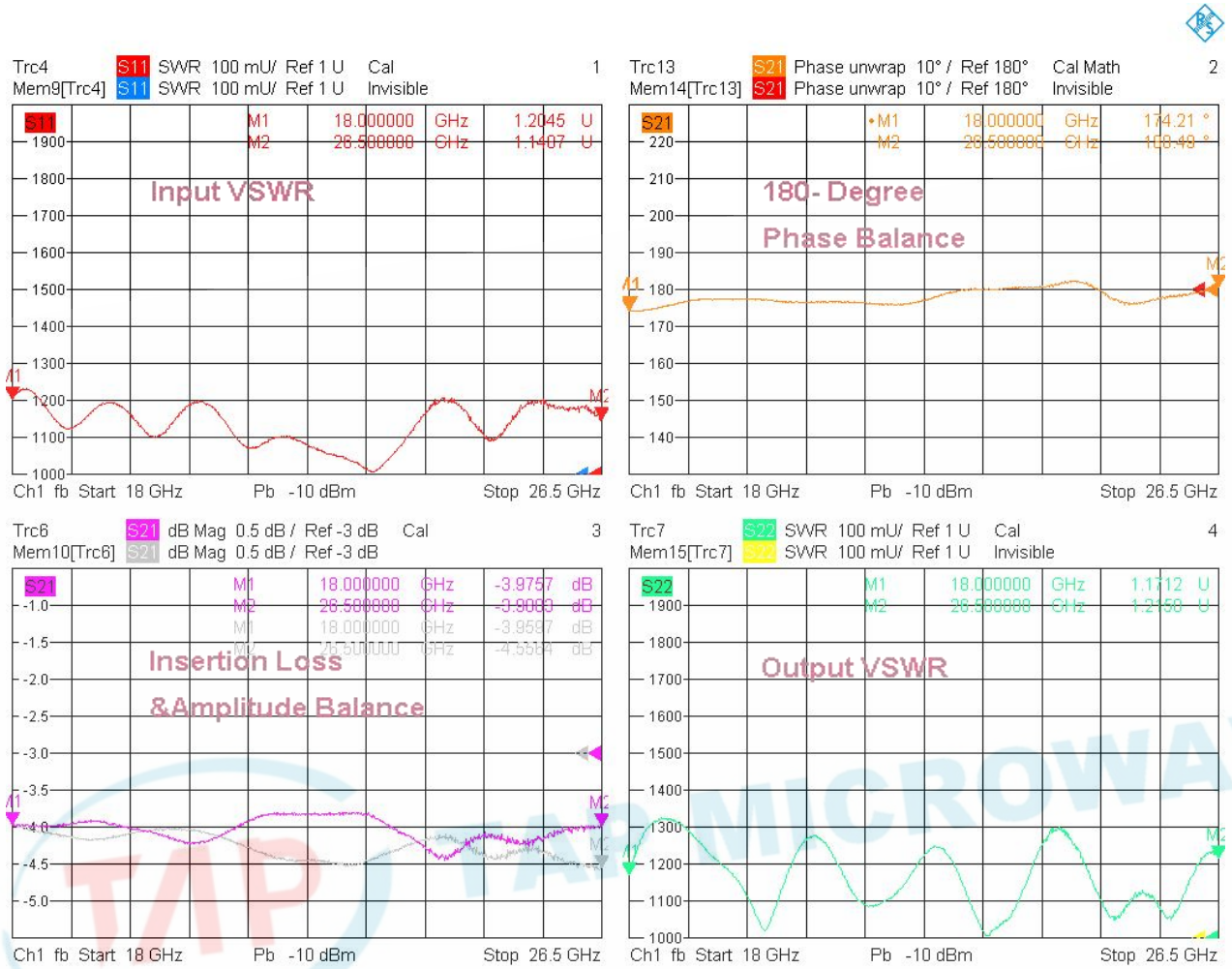


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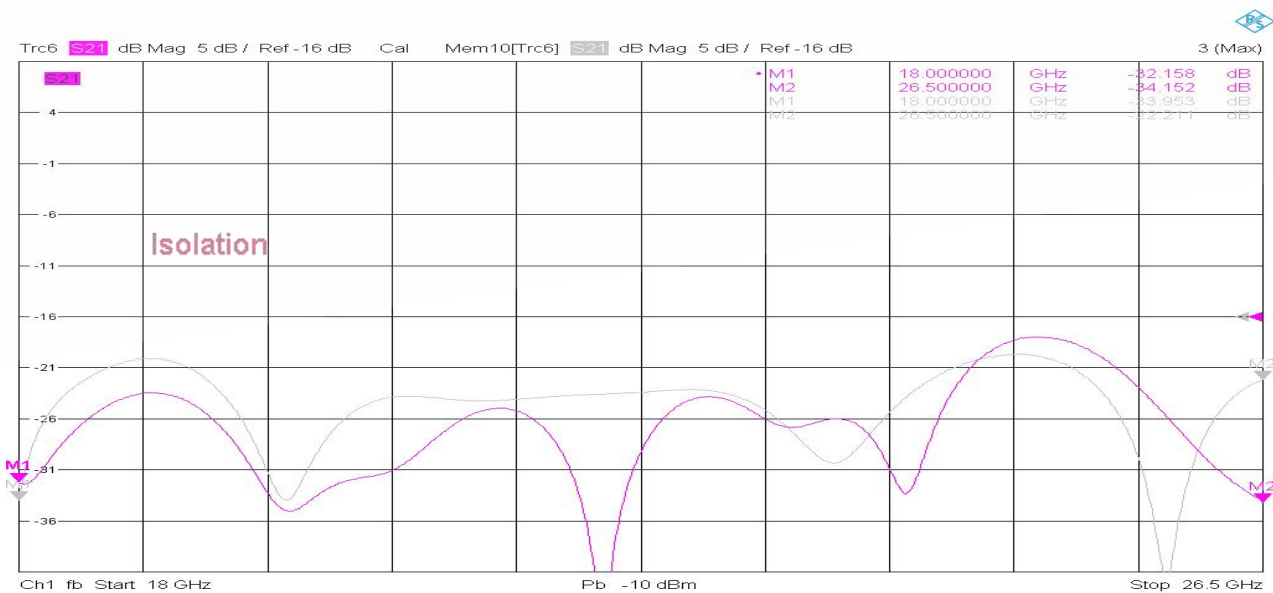
Typical Performance

2. Insertion Loss, Amplitude & Phase Balance, VSWR _ 180°



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3. Isolation



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