

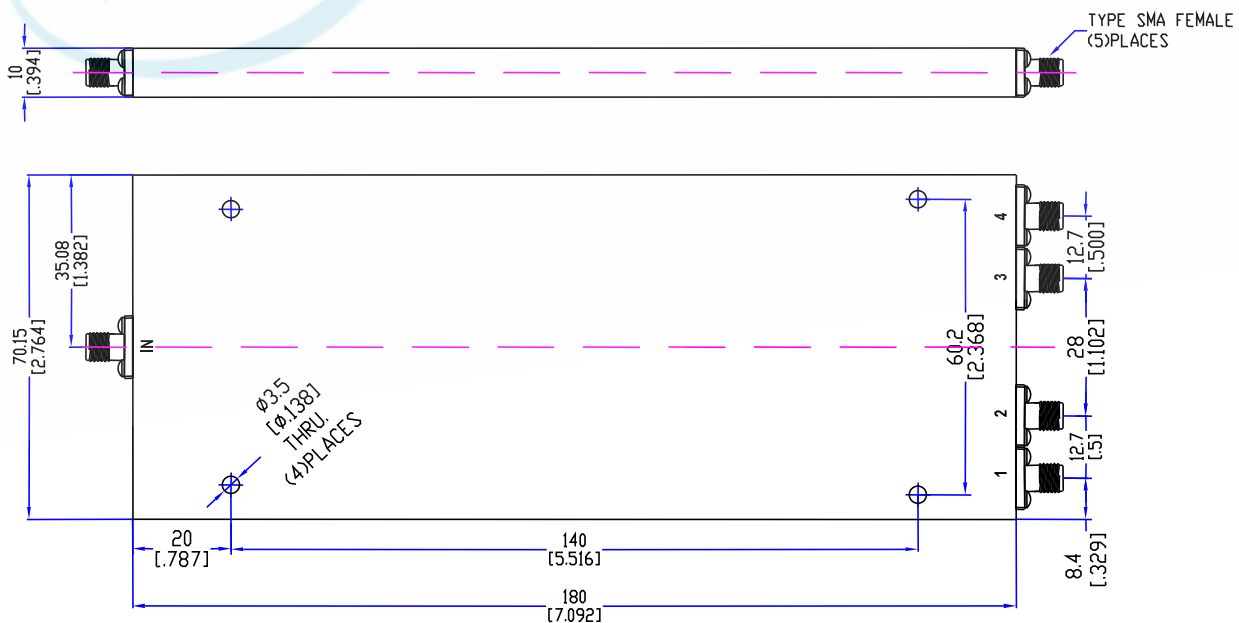
Model TPD03180A4A

Features

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

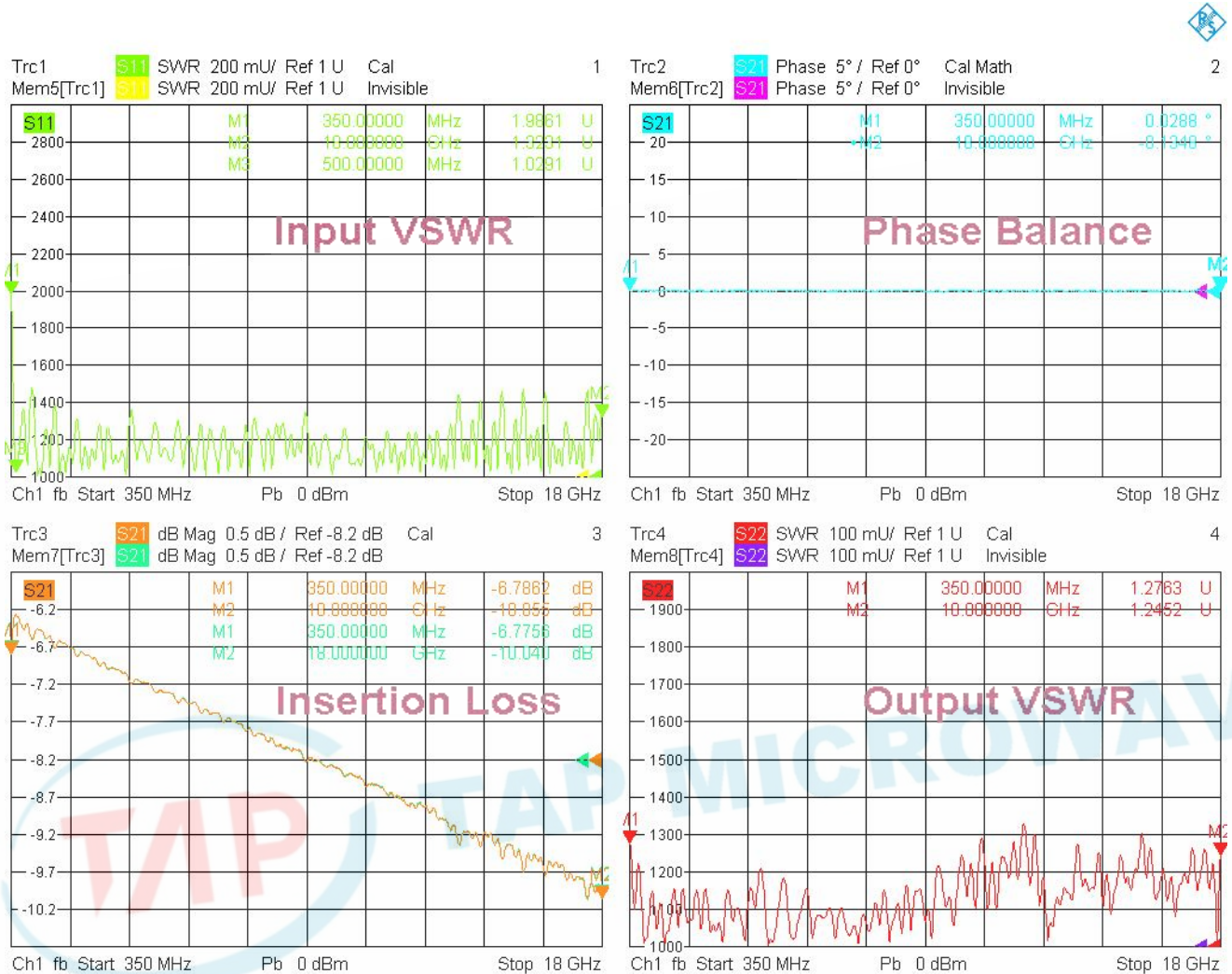
Technical Data Sheet			
Frequency Range	0.35~18GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤4.2dB (Above 6.02dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤2.30:1@0.35-0.5GHz ≤1.80:1@0.5-18GHz Output ≤1.80:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥10dB@0.35-0.5GHz ≥14dB@0.5-18GHz	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.5dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±5°	Operating Temperature	-55~+85°C
Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	330g
Port Connectors	SMA-Female		

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



Typical Performance

1. Insertion Loss, Amplitude &Phase Balance, VSWR

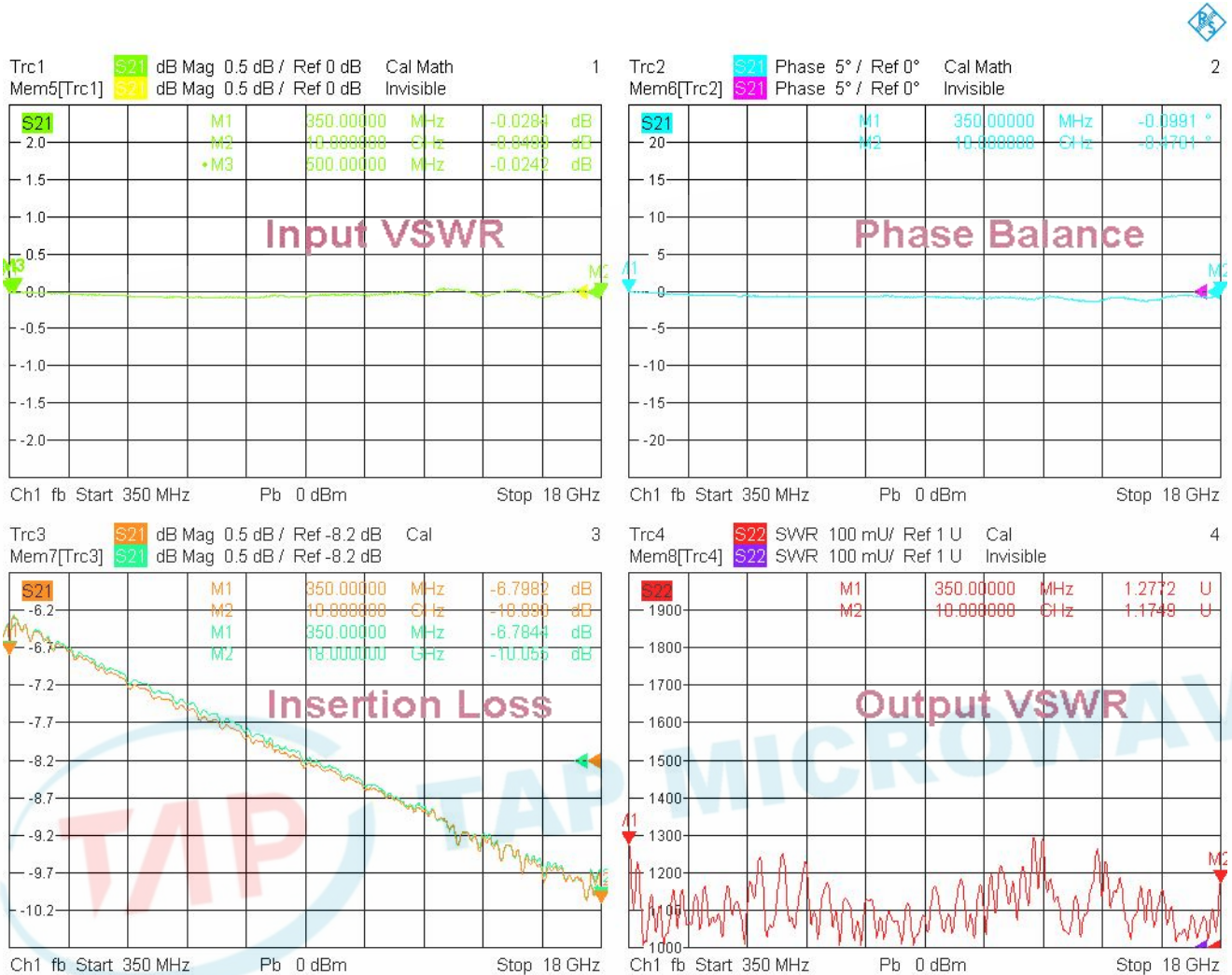


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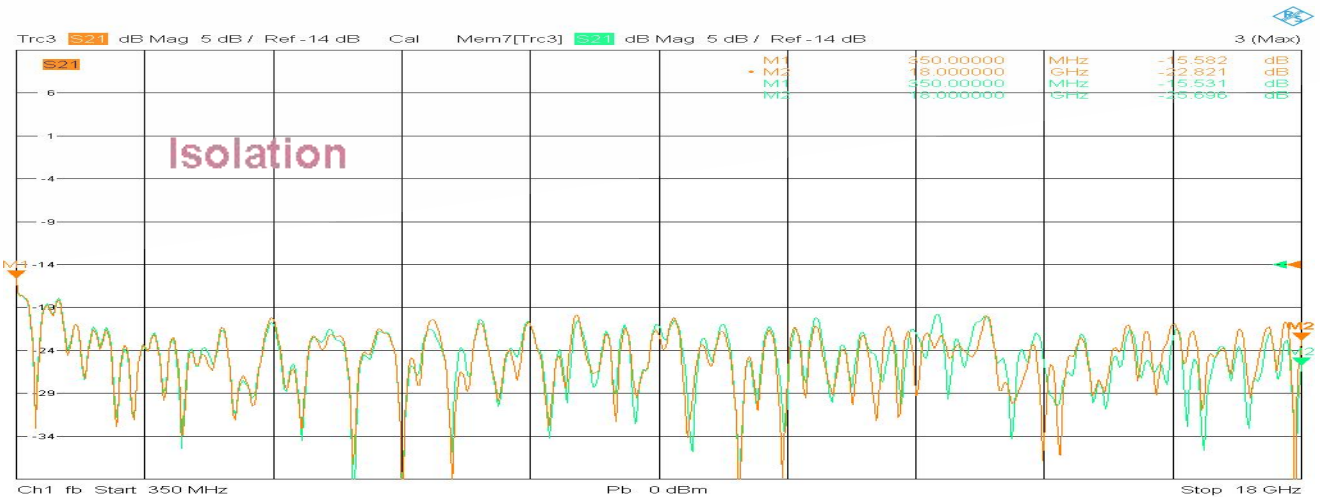
Typical Performance

2. Insertion Loss, Amplitude & Phase Balance, VSWR



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3. Isolation



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