

Model THC1515B1

Features

Excellent phase& amplitude balance

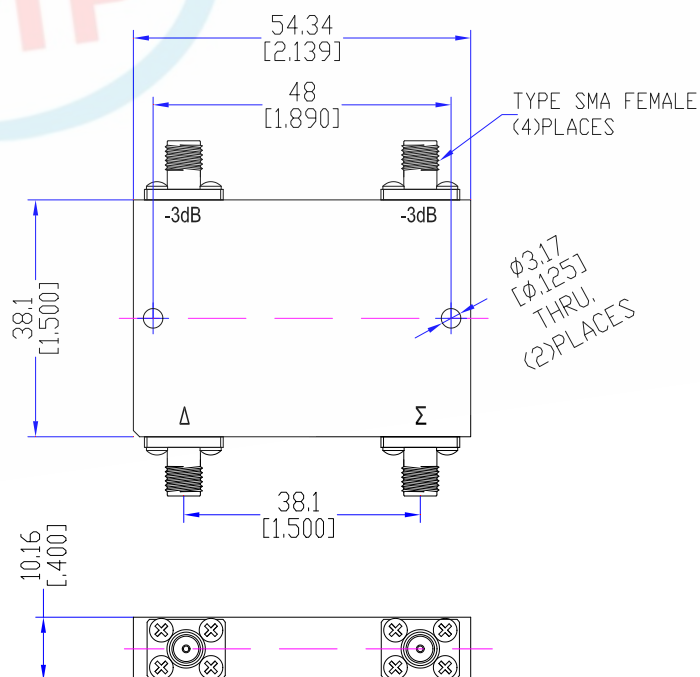
Low Insertion Loss& VSWR

High Isolation

Technical Data Sheet

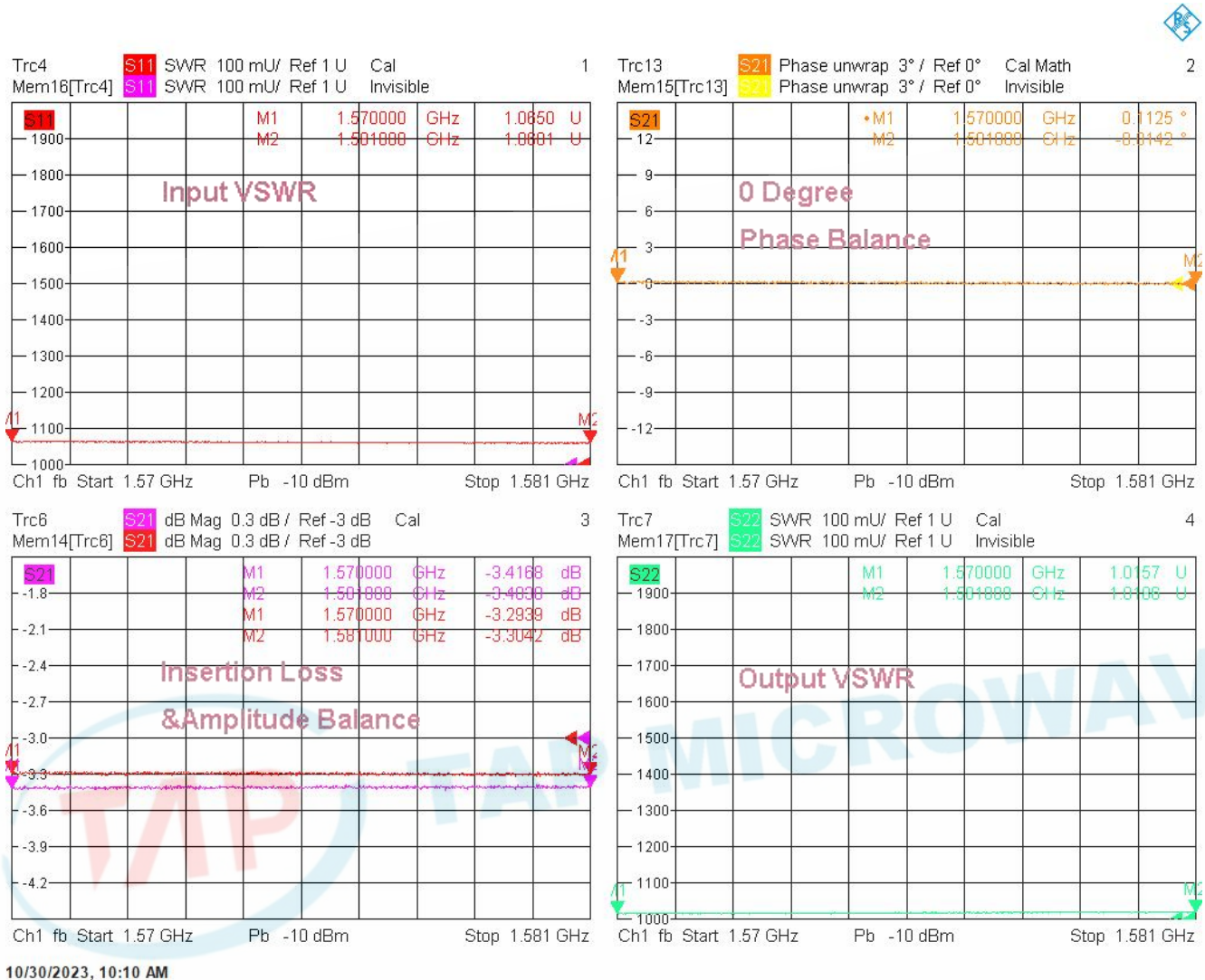
Frequency Range	1.570~1.581GHz	Finish	Painted Blue_ RAL #5007
Nominal Split	3.01dB	Connector Body	Passivated Stainless Steel
Insertion Loss	≤0.5dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥22dB		
Amplitude Balance	≤±0.3dB	Connector Pin	Beryllium Copper, Gold Plate
Phase Balance	≤±3°	Solder	Lead Free, RoHS Compliant
VSWR	≤1.25:1	Operating Temperature	-55~+85℃
¹ Power Handling	Average ≤30Watt Peak ≤1KW	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	100g
Port Connectors	SMA-Female		

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



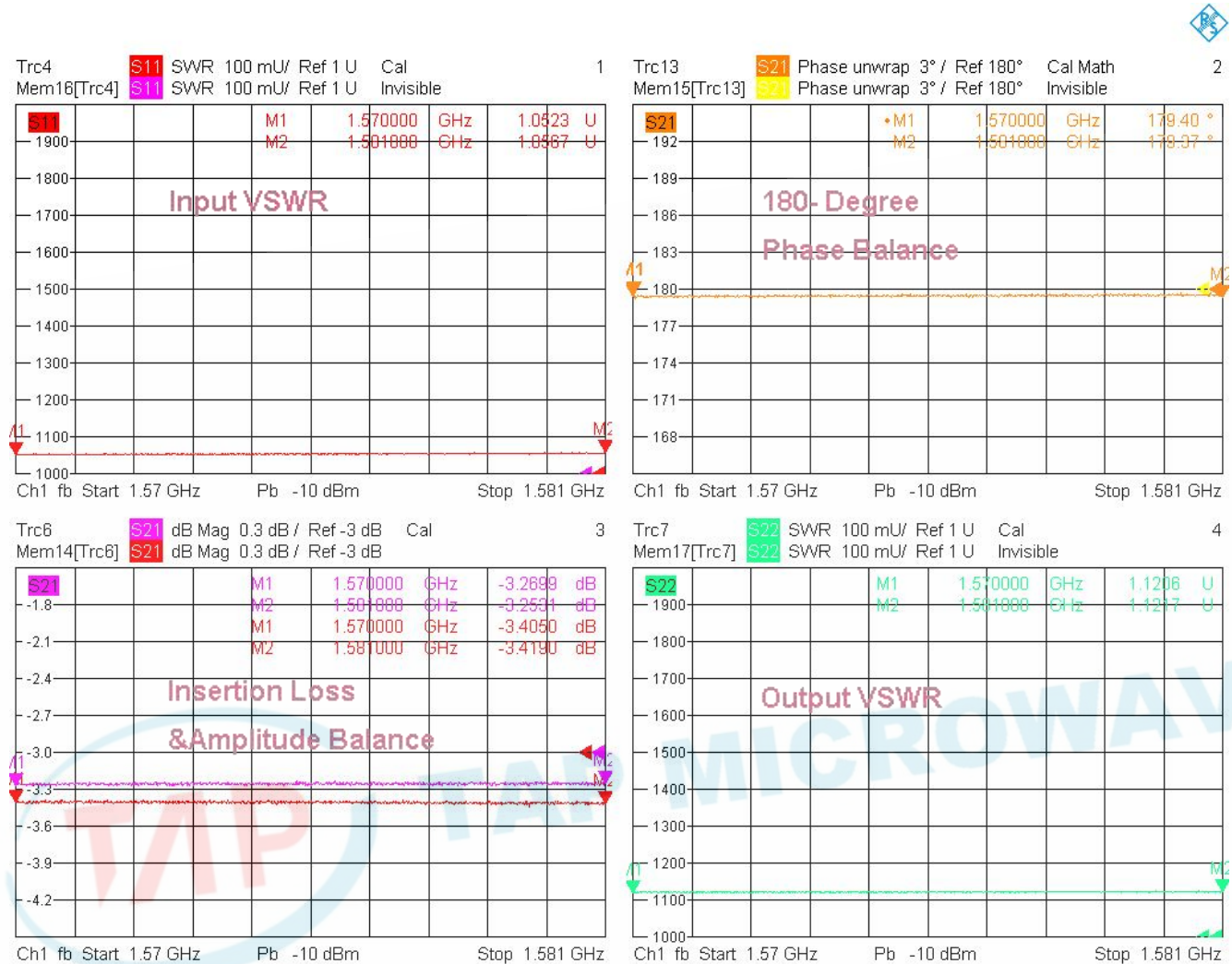
Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR _ 0°



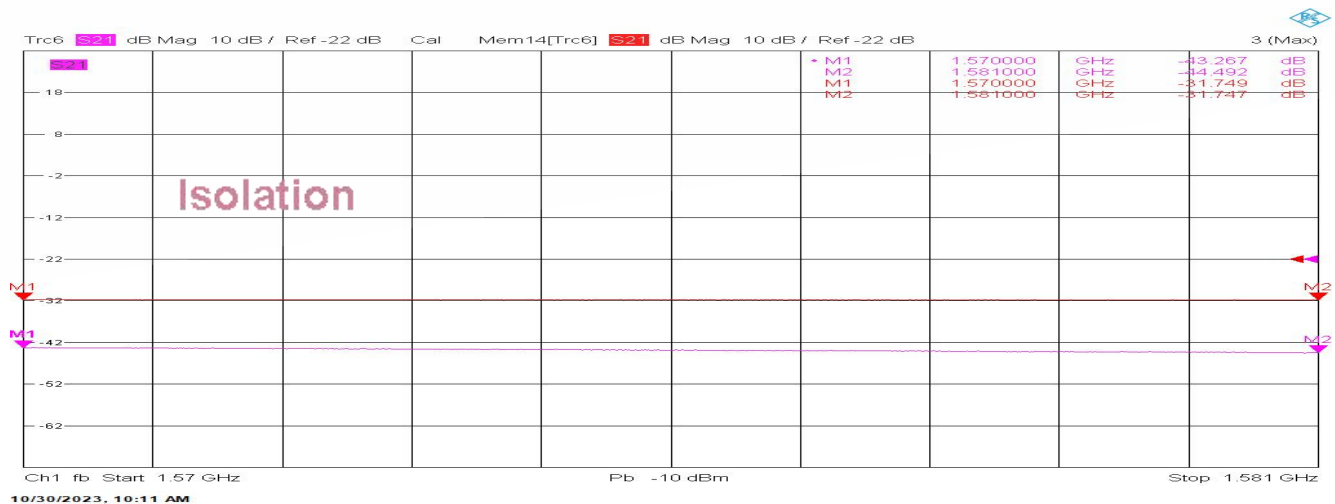
Typical Performance

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



10/30/2023, 10:09 AM

3. Isolation



10/30/2023, 10:11 AM

