

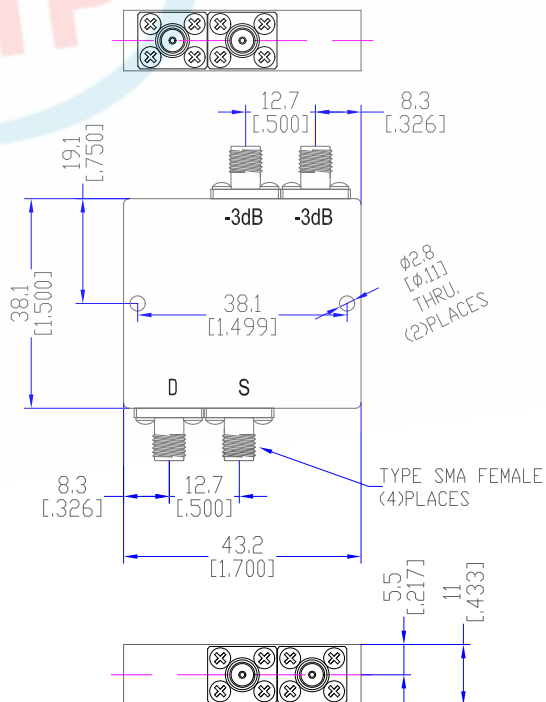
Model THC60180B

Features

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

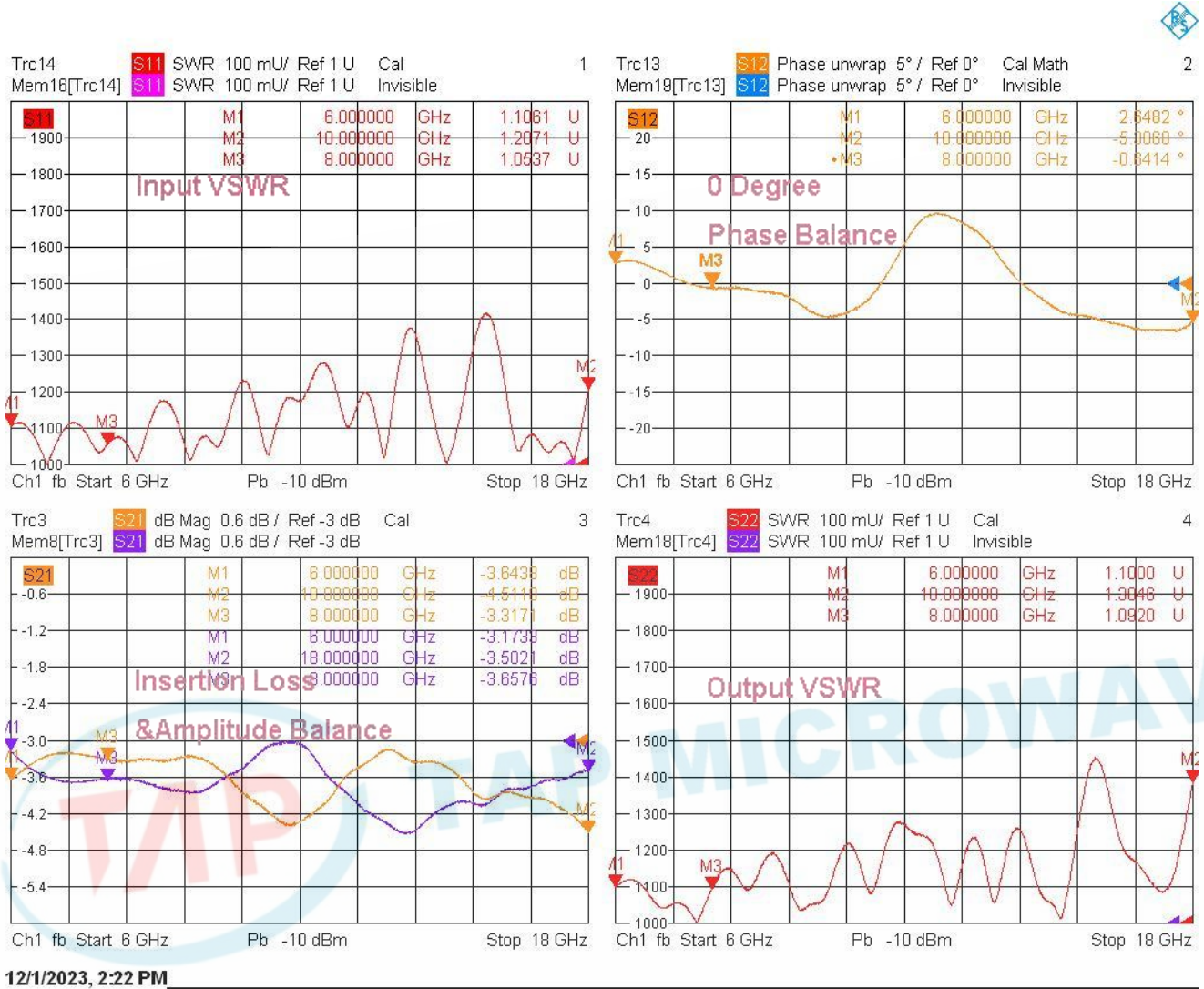
Technical Data Sheet			
Frequency Range	6~18GHz	Finish	Painted Blue_ RAL #5007
Nominal Split	3.01dB	Connector Body	Passivated Stainless Steel
Insertion Loss	≤1.5dB	Housing	Aluminum, 6061 T6
Isolation	≥16dB		Clear Chem Conversion Film
Amplitude Balance	≤±0.6dB	Connector Pin	Beryllium Copper, Gold Plate
Phase Balance	≤±8°	Solder	Lead Free, RoHS Compliant
VSWR	≤1.60:1	Operating Temperature	-55~+85°C
¹ Power Handling	Average ≤50Watt Peak ≤1KW	Operating Humidity	Up to 95%, Non-Condensing
Impedance	50Ω	Weight	50g
Port Connectors	SMA-Female		

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



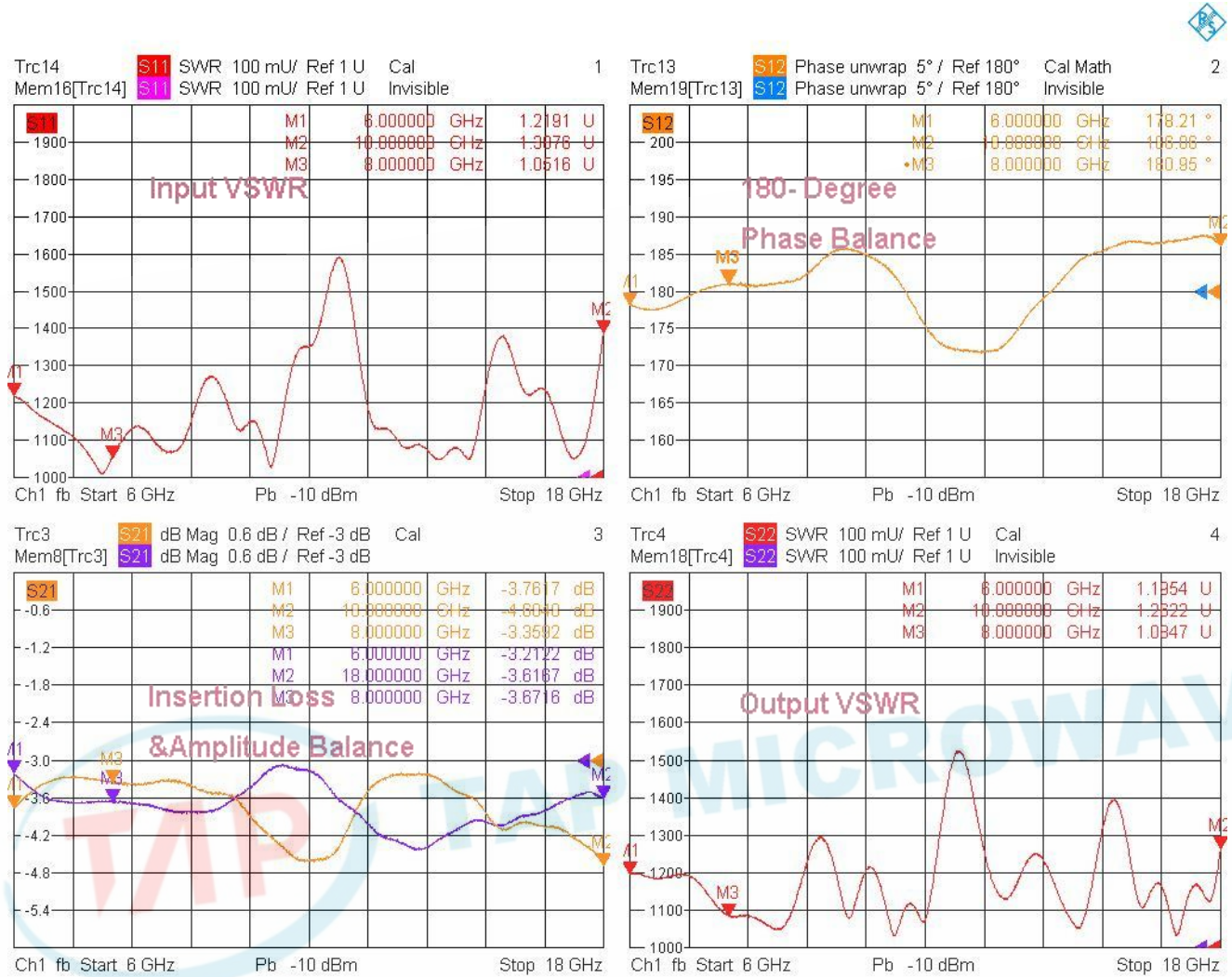
Typical Performance

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



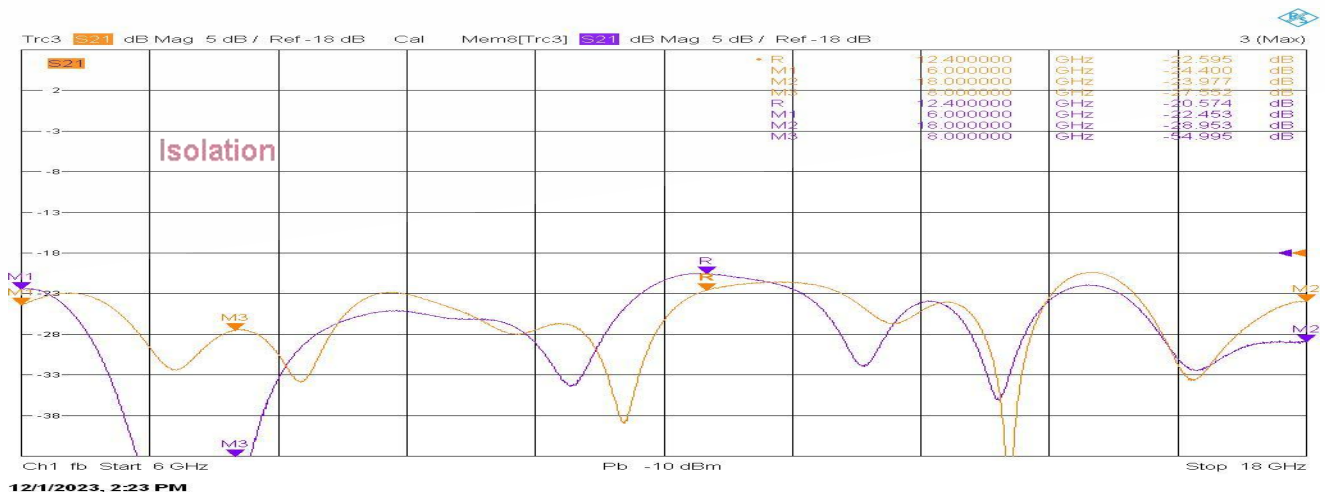
Typical Performance

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



12/1/2023, 2:21 PM

3. Isolation



12/1/2023, 2:23 PM

