

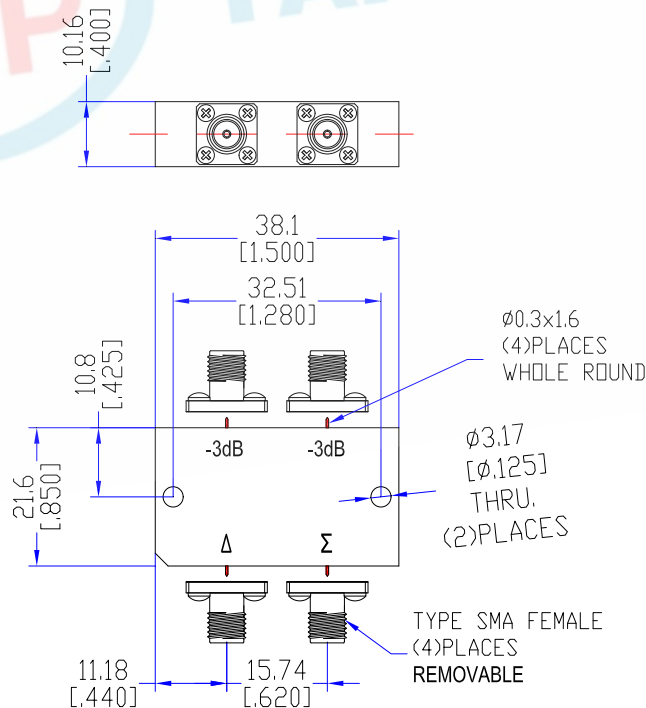
Model THC4080B1S

Features

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

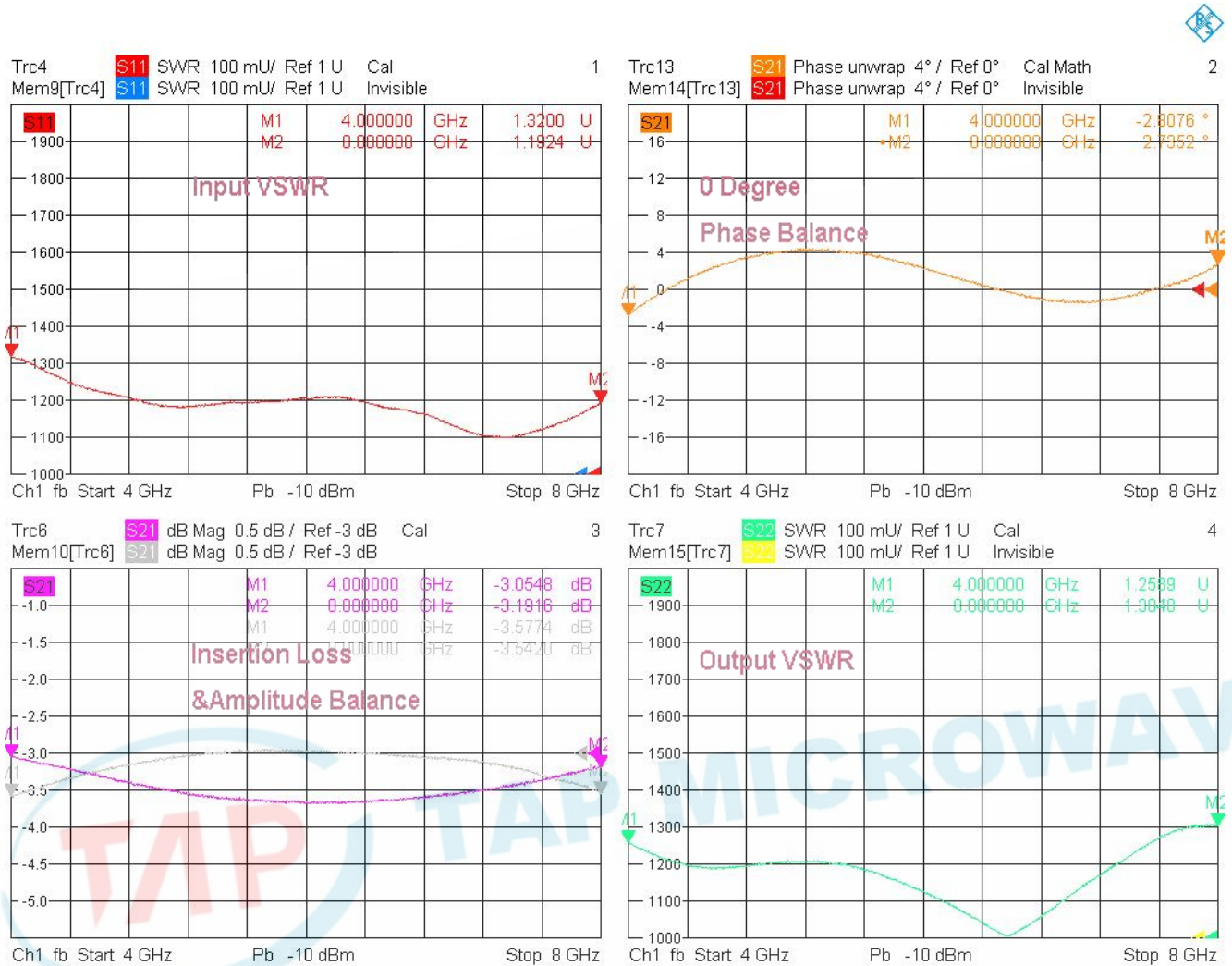
Technical Data Sheet			
Frequency Range	4~8GHz	Finish	Natural oxygen
Nominal Split	3.01dB	Connector Body	Passivated Stainless Steel
Insertion Loss	≤0.7dB	Housing	Aluminum, 6061 T6
Isolation	≥18dB		Clear Chem Conversion Film
Amplitude Balance	≤±0.5dB	Connector Pin	Beryllium Copper, Gold Plate
Phase Balance	≤±8°	Solder	Lead Free, RoHS Compliant
VSWR	≤1.50:1	Operating Temperature	-55~+85°C
¹ Power Handling	Average ≤80Watt Peak ≤1KW	Operating Humidity	Up to 95%, Non-Condensing
Impedance	50Ω	Weight	30g
Port Connectors	SMA-Female (Removable)		

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



Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR_{in} 0°

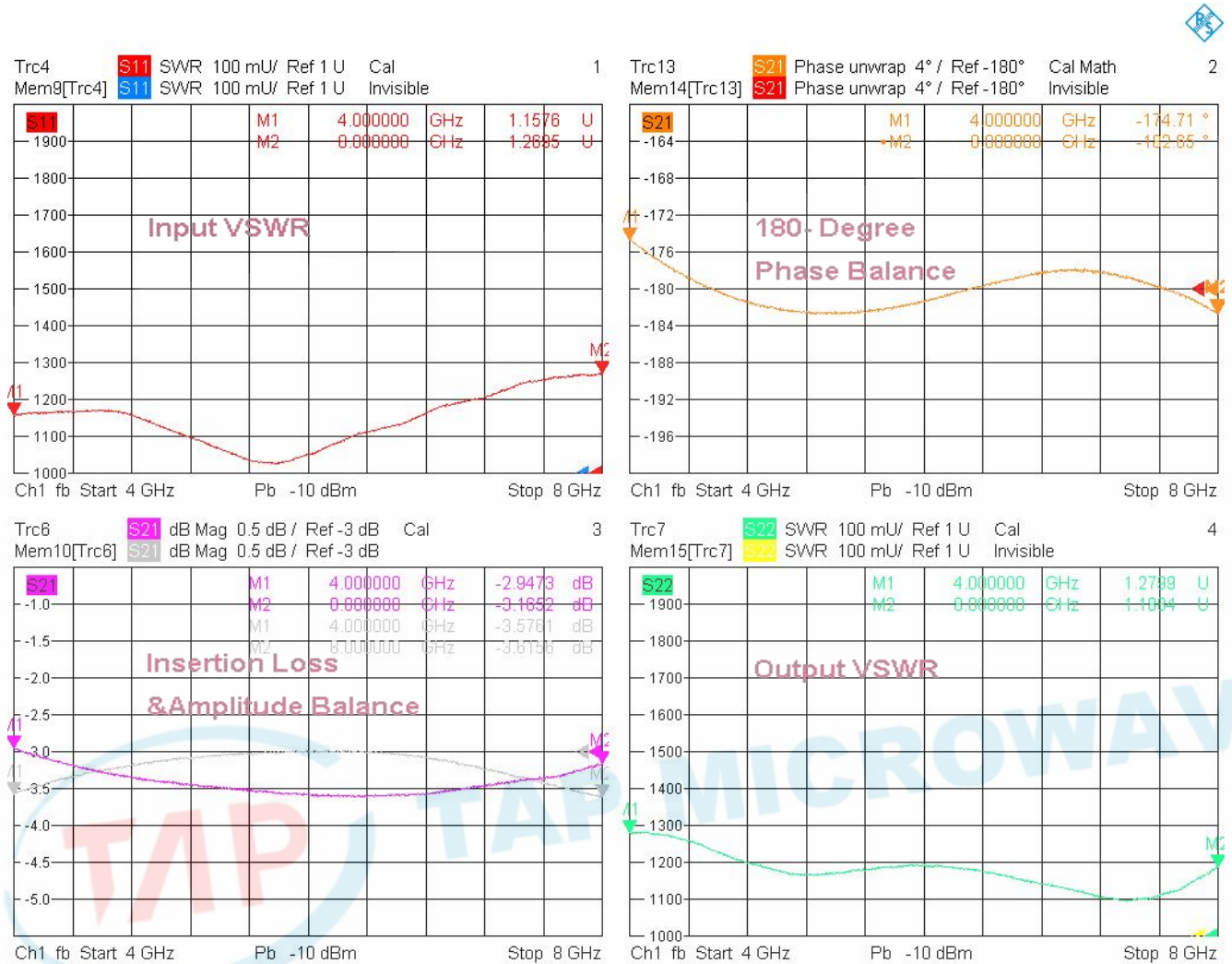


4/27/2024, 3:09 PM



Typical Performance

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



3. Isolation

