

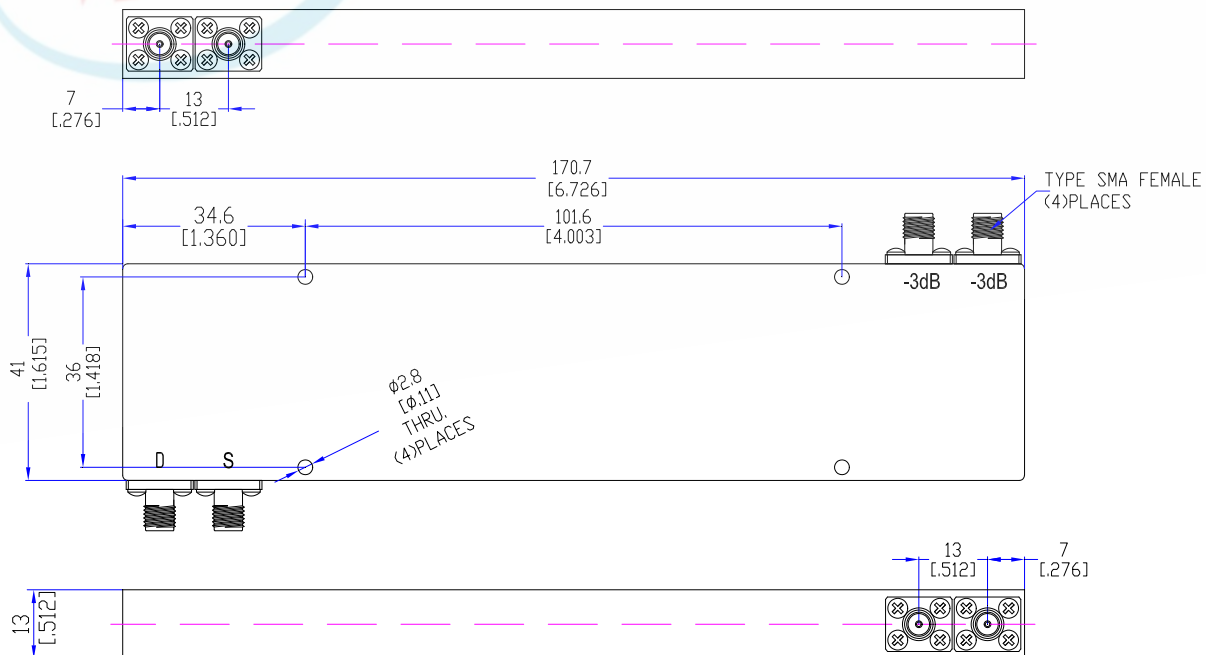
Model THC0680B

Features

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

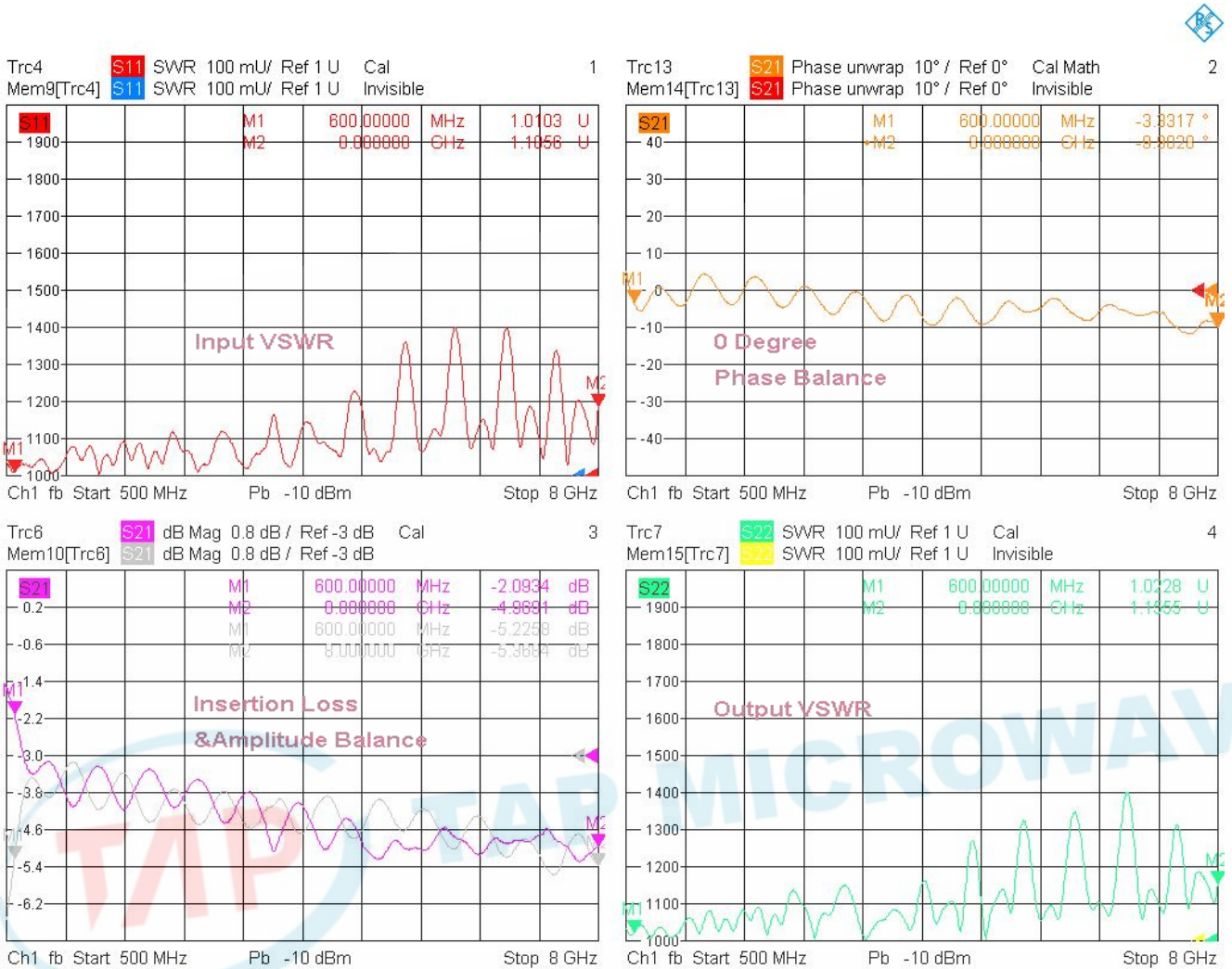
Technical Data Sheet			
Frequency Range	0.6~8GHz	Finish	Painted Blue_ RAL #5007
Nominal Split	3.01dB	Connector Body	Passivated Stainless Steel
Insertion Loss	≤2.8dB	Housing	Aluminum, 6061 T6
Isolation	≥15dB		Clear Chem Conversion Film
Amplitude Balance	≤±2.0dB@0.6-0.7GHz ≤±1.0dB@0.7-8GHz	Connector Pin	Beryllium Copper, Gold Plate
Phase Balance	≤±15°	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	240g
Port Connectors	SMA-Female		

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



Typical Performance

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

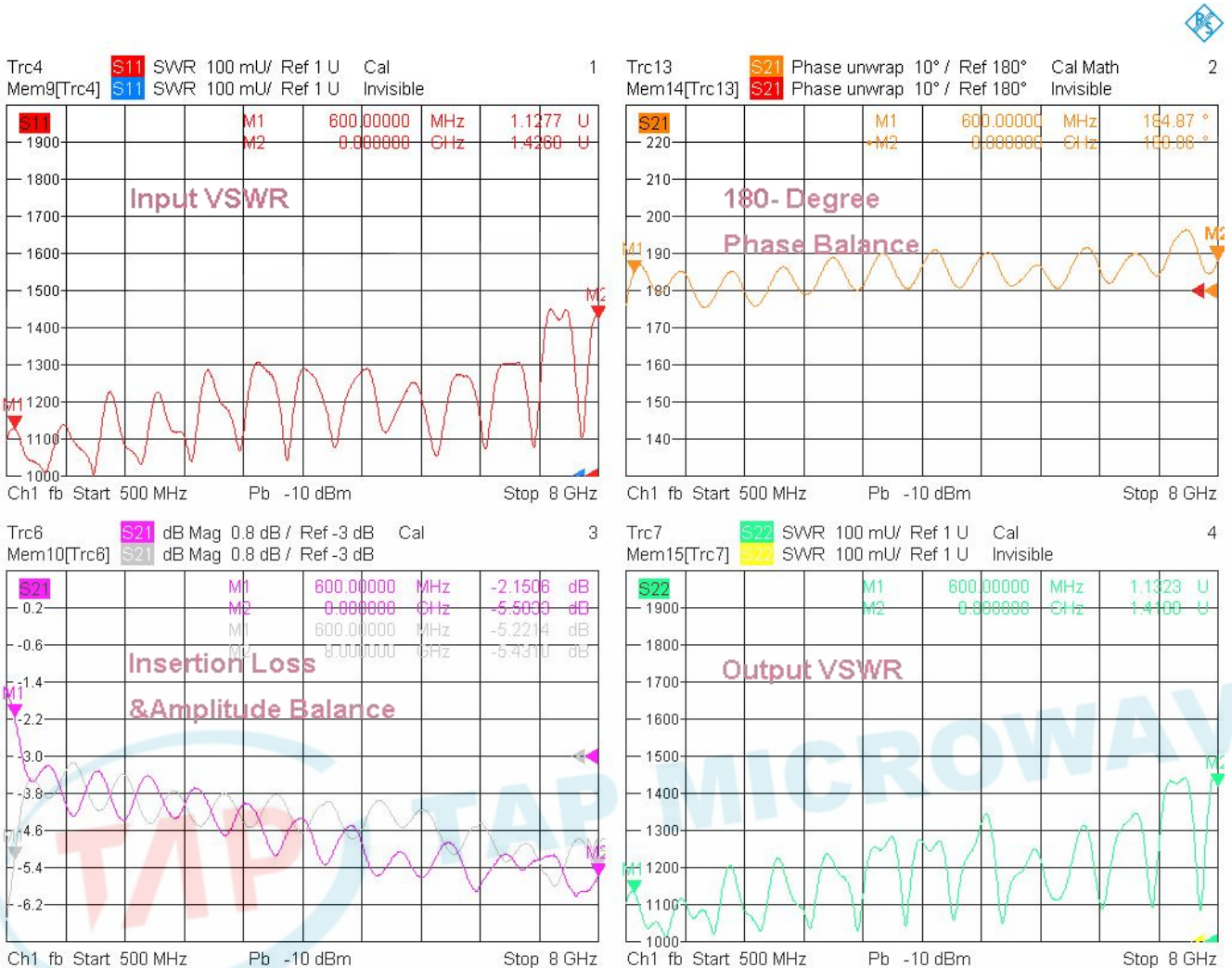


11/11/2022, 10:29 AM



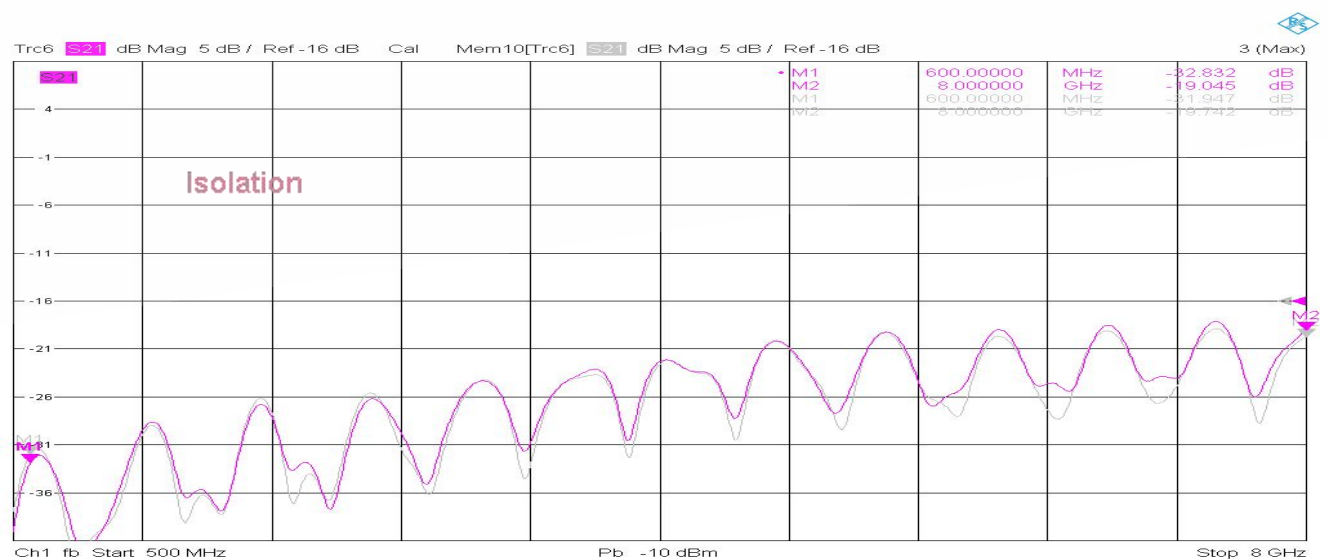
Typical Performance

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



11/11/2022, 10:30 AM

3. Isolation



11/11/2022, 10:20 AM

