

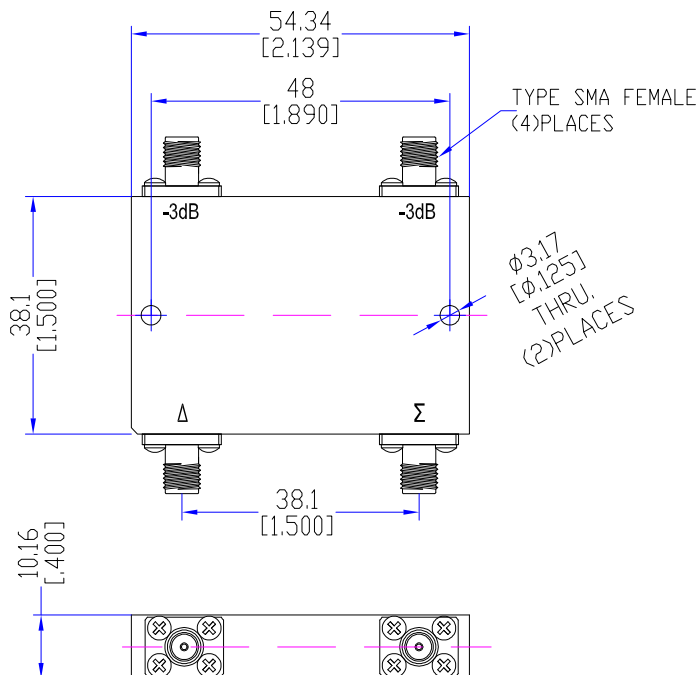
Model THC1020B1

Features

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

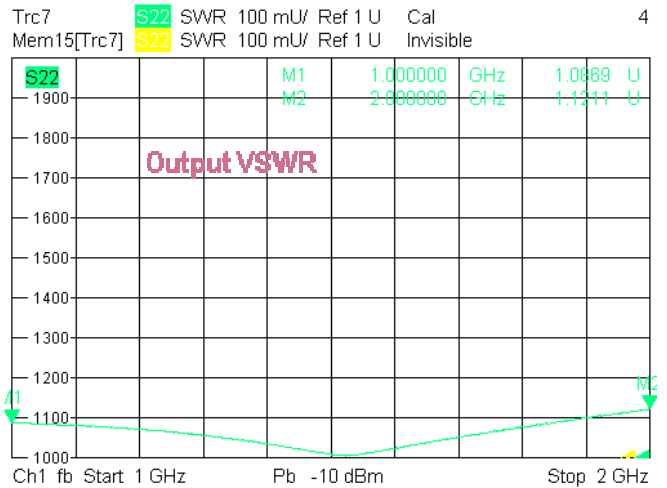
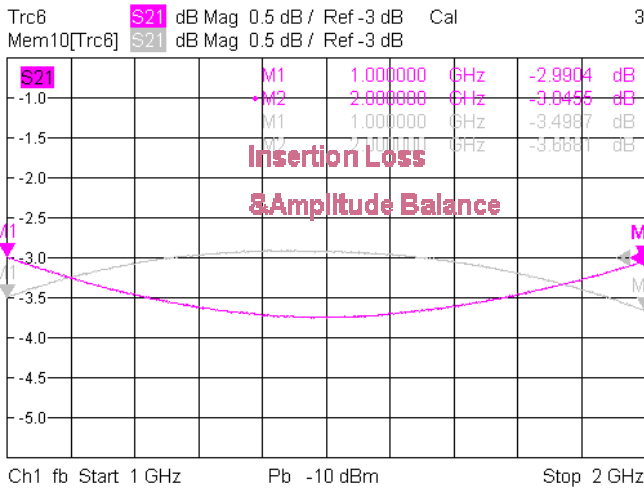
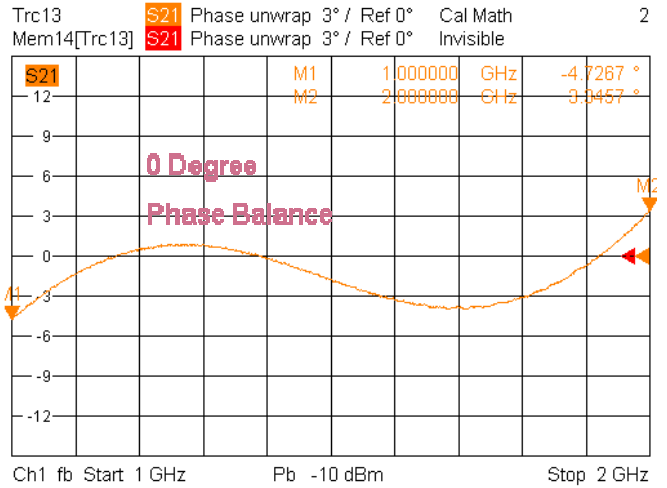
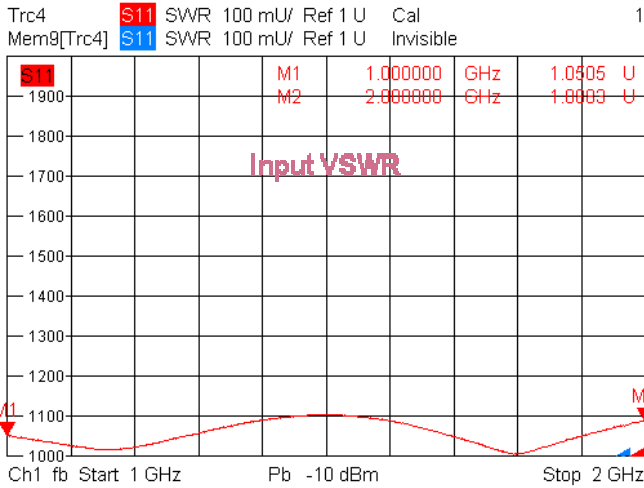
Technical Data Sheet			
Frequency Range	1~2GHz	Finish	Painted Blue_ RAL #5007
Nominal Split	3.01dB	Connector Body	Passivated Stainless Steel
Insertion Loss	≤0.5dB	Housing	Aluminum, 6061 T6
Isolation	≥22dB		Clear Chem Conversion Film
Amplitude Balance	≤±0.5dB	Connector Pin	Beryllium Copper, Gold Plate
Phase Balance	≤±6°	Solder	Lead Free, RoHS Compliant
VSWR	≤1.25:1	Operating Temperature	-55~+85°C
¹ Power Handling	Average ≤50Watt 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°}

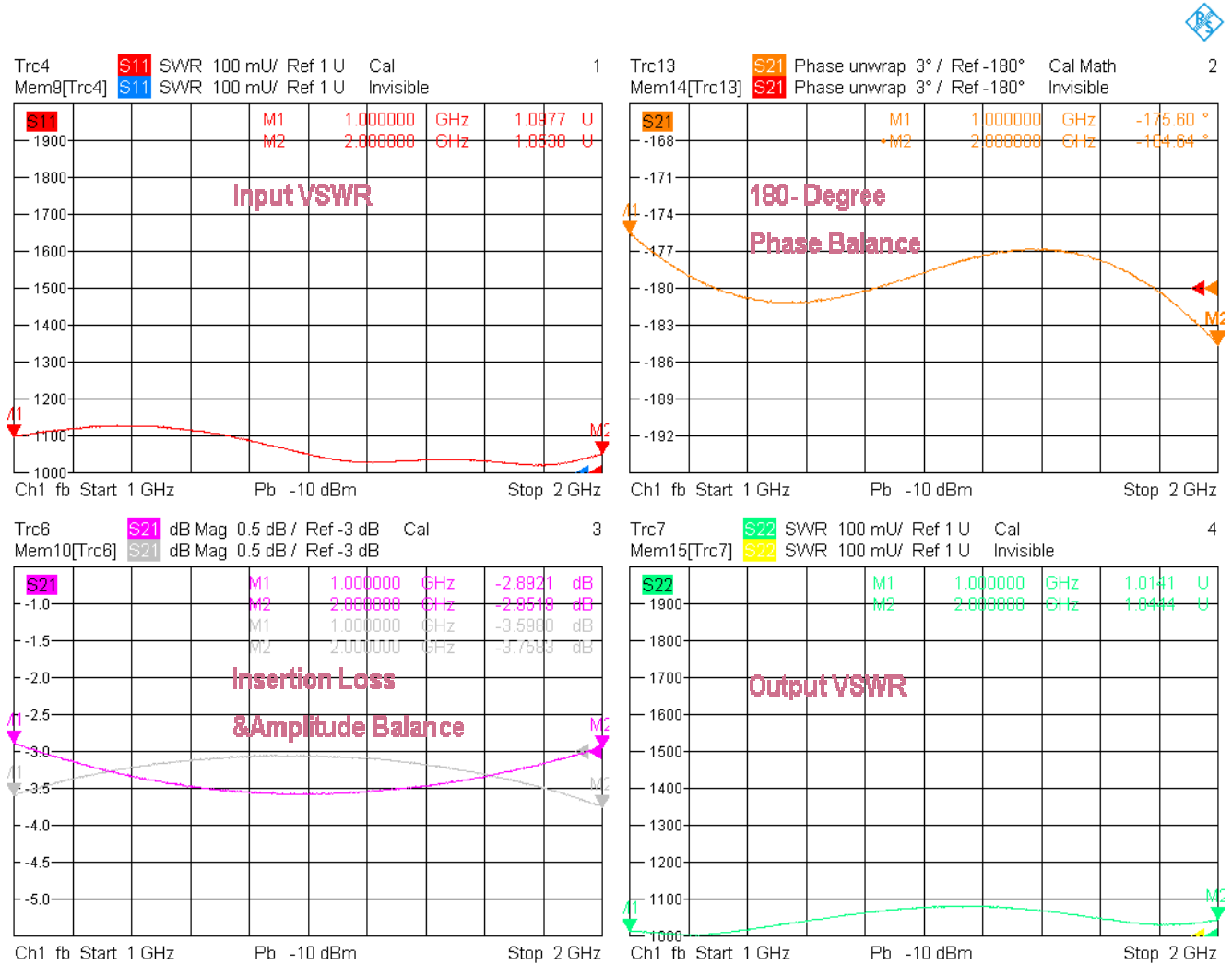


1/3/2023, 10:11 AM



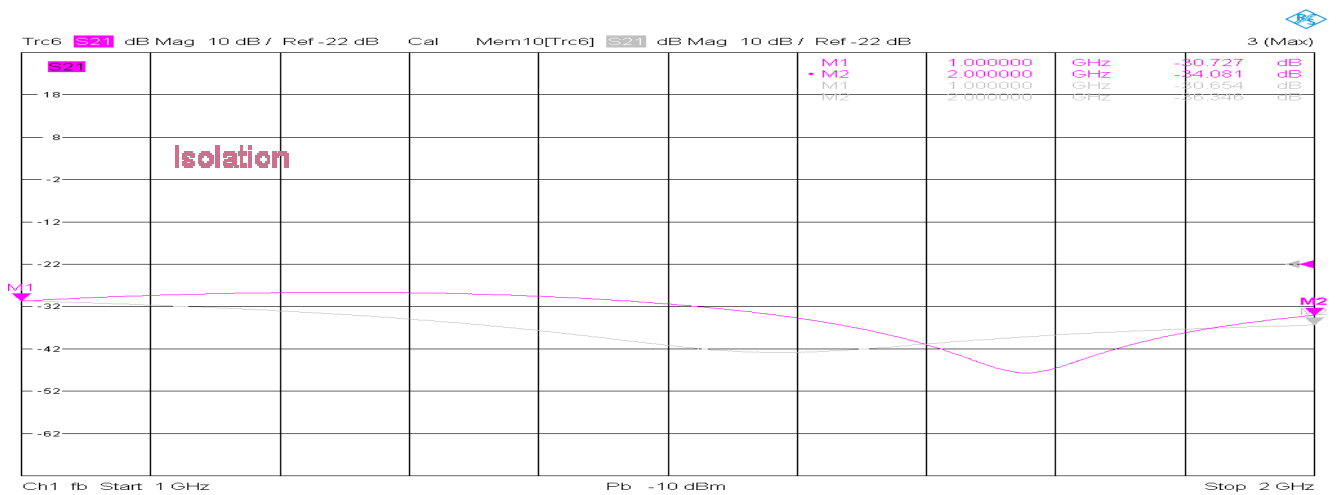
Typical Performance

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



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3. Isolation



1/3/2023, 10:11 AM

