

Model THC8085B

Features

Excellent phase& amplitude balance

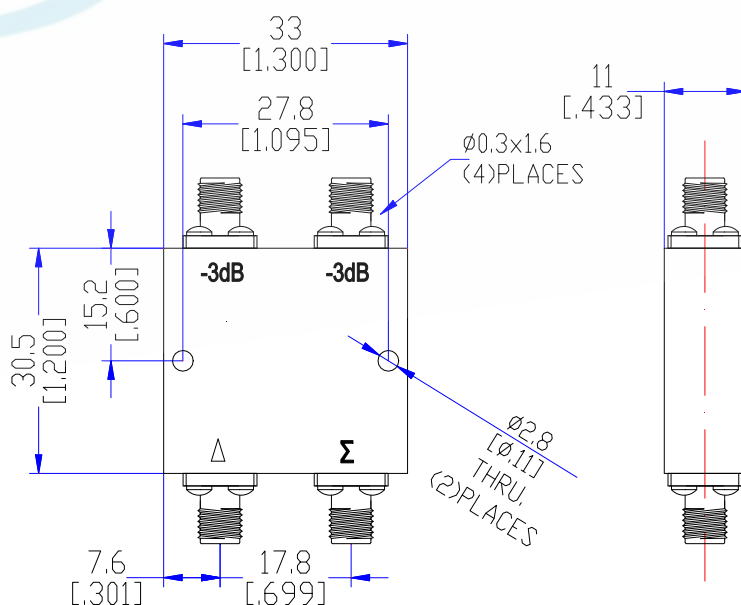
Low Insertion Loss& VSWR

High Isolation

Technical Data Sheet

Frequency Range	8~8.5GHz	Finish	Painted Blue_ RAL #5007
Nominal Split	3.01dB	Connector Body	Passivated Stainless Steel
Insertion Loss	≤0.7dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥18dB		
Amplitude Balance	≤±0.5dB	Connector Pin	Beryllium Copper, Gold Plate
Phase Balance	≤±5°	Solder	Lead Free, RoHS Compliant
VSWR	≤1.40:1	Operating Temperature	-55~+85℃
¹ Power Handling	Average ≤30Watt Peak ≤1KW	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	60g
Port Connectors	SMA-Female		

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



TAP MW CO., LTD

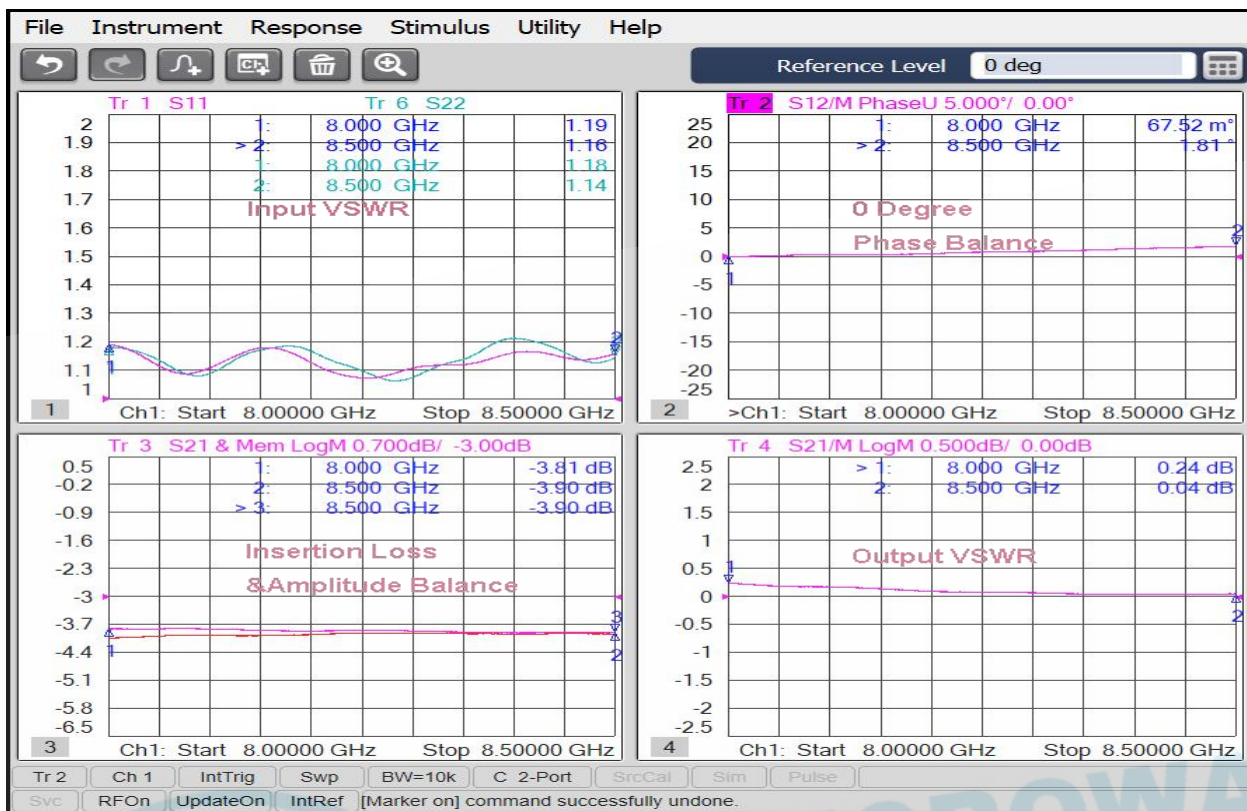
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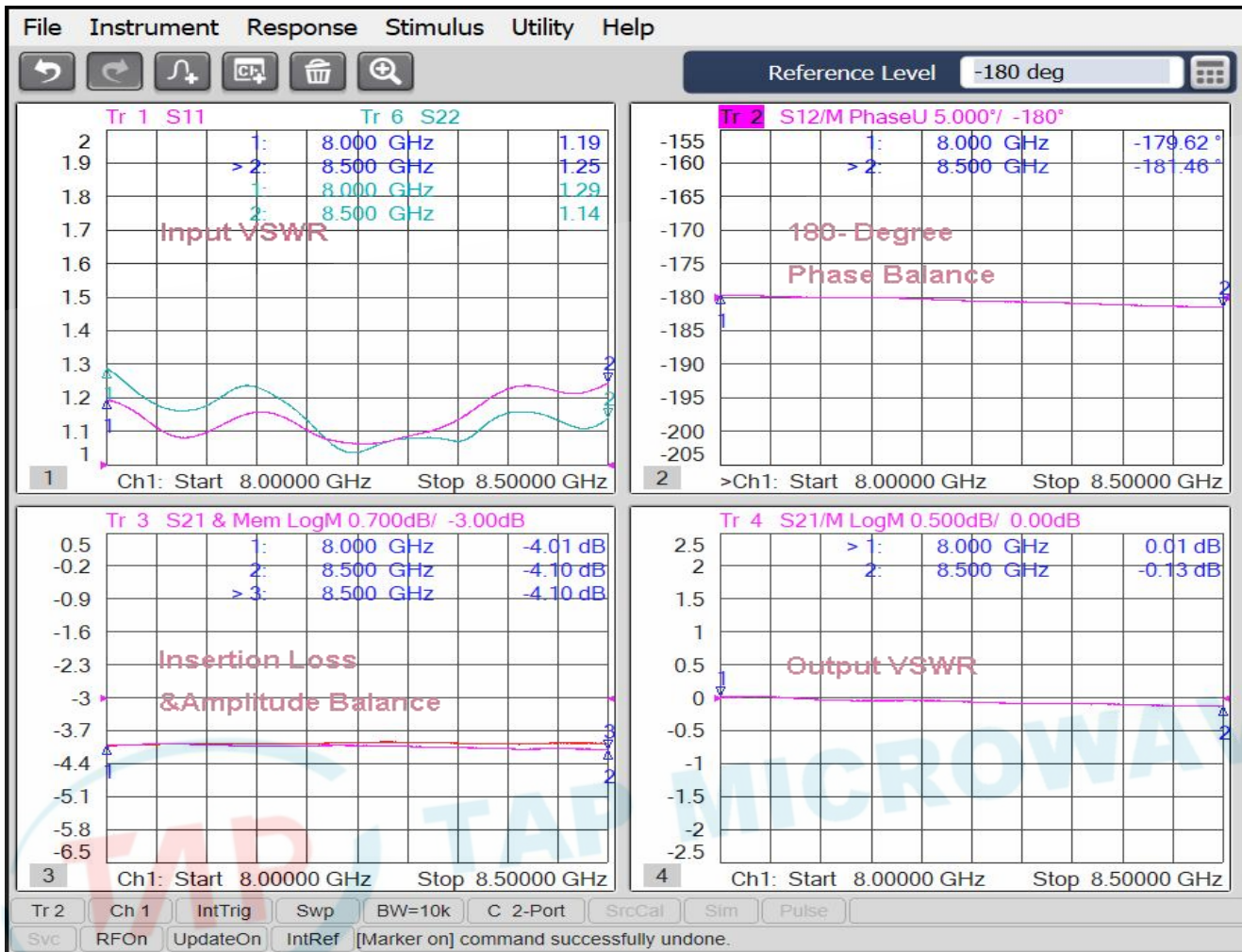
Typical Performance

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



Typical Performance

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



3. Isolation

