

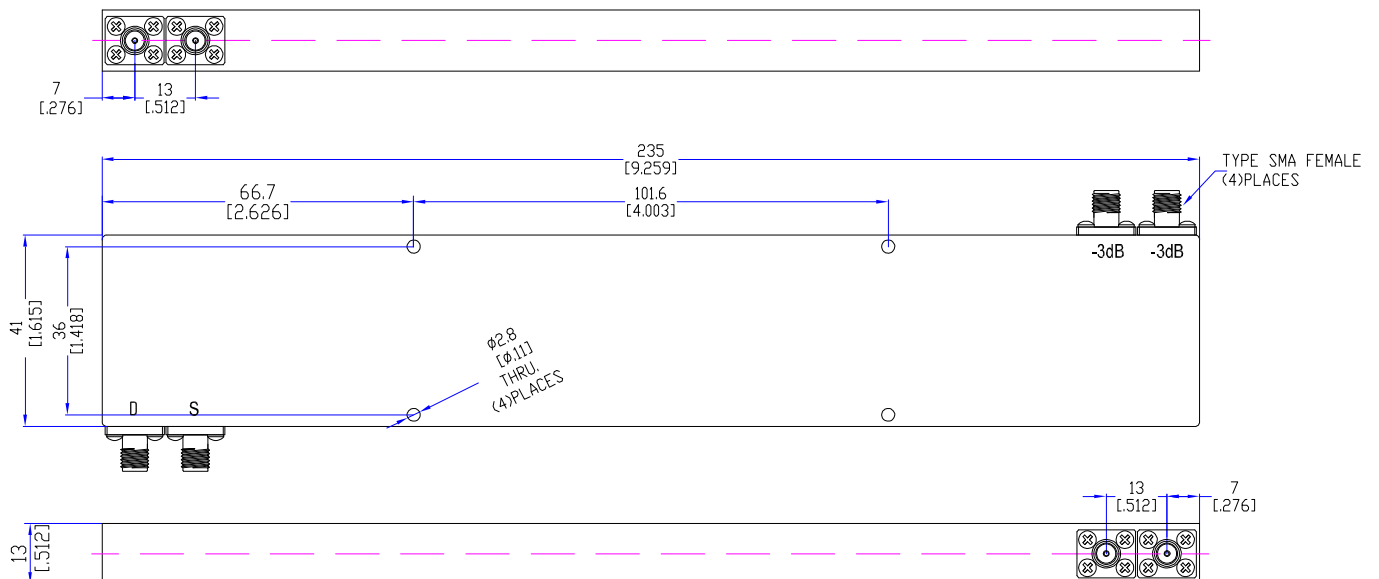
Model THC0760B

Features

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

Technical Data Sheet			
Frequency Range	0.7~6GHz	Finish	Painted Blue_ RAL #5007
Nominal Split	3.01dB	Connector Body	Passivated Stainless Steel
Insertion Loss	≤1.9dB	Housing	Aluminum, 6061 T6
Isolation	≥16dB		Clear Chem Conversion Film
Amplitude Balance	≤±1.0dB	Connector Pin	Beryllium Copper, Gold Plate
Phase Balance	≤±15°	Solder	Lead Free, RoHS Compliant
VSWR	≤1.40:1	Operating Temperature	-55~+85°C
¹ Power Handling	Average ≤50Watt Peak ≤1KW	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	250g
Port Connectors	SMA-Female		

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

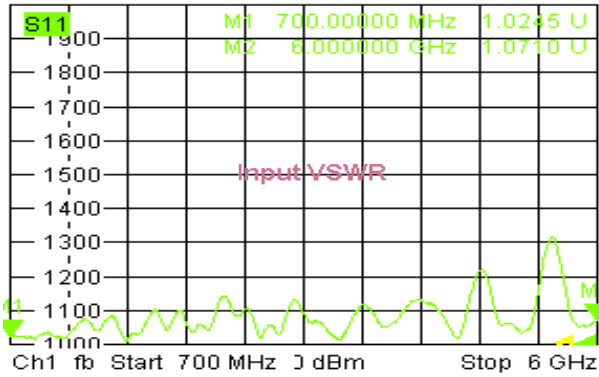


Typical Performance

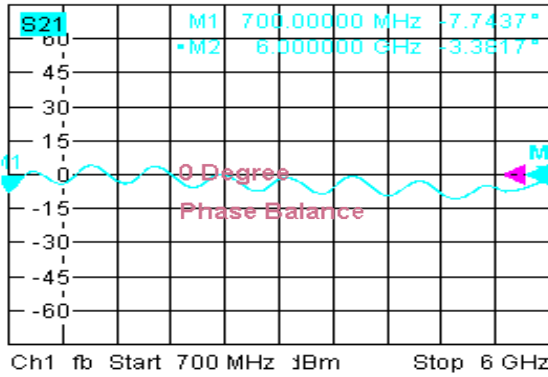
1. Insertion Loss, Amplitude & Phase Balance, VSWR_{0°}



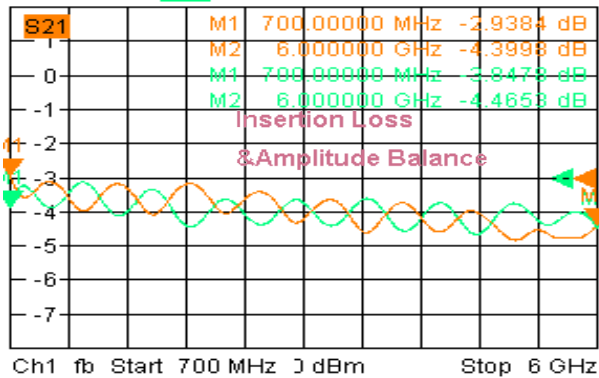
Trc1 **S11** SWR 100 mU/ Ref1 U Cal
Mem5[Trc1] **S11** SWR 100 mU/ Ref1 U Invisib



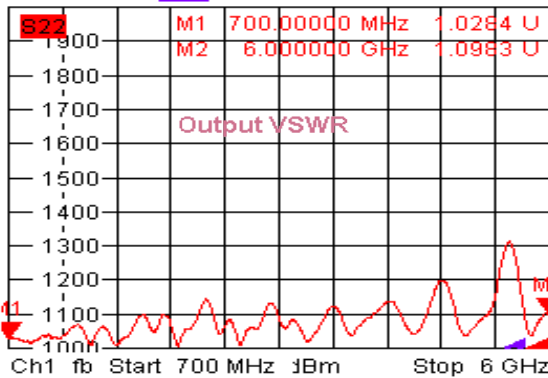
Trc2 **S21** Phase unwrap 15° / Ref 0°
Mem6[Trc2] **S21** Phase unwrap 15° / Ref 0°



Trc3 **S21** dB Mag 1 dB / Ref -3 dB Cal3
Mem7[Trc3] **S21** dB Mag 1 dB / Ref -3 dB



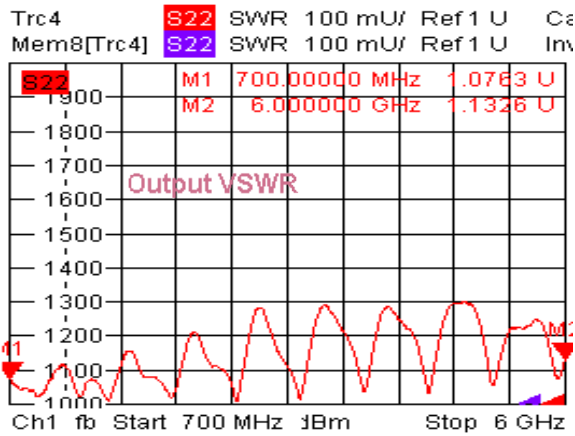
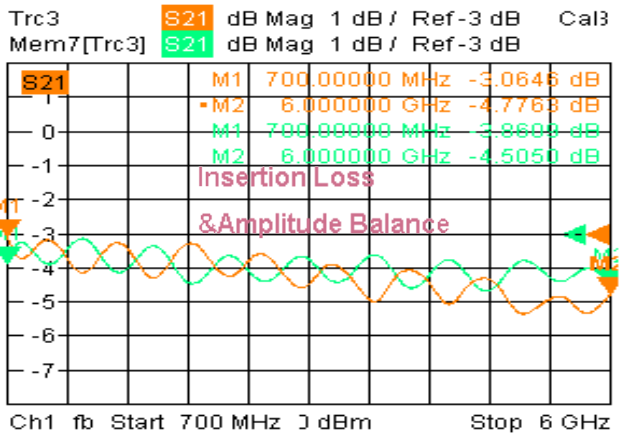
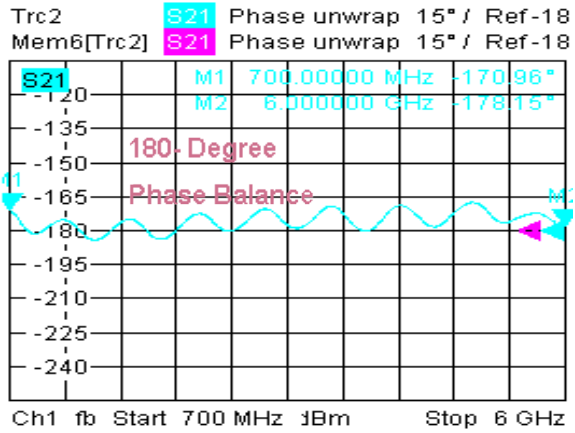
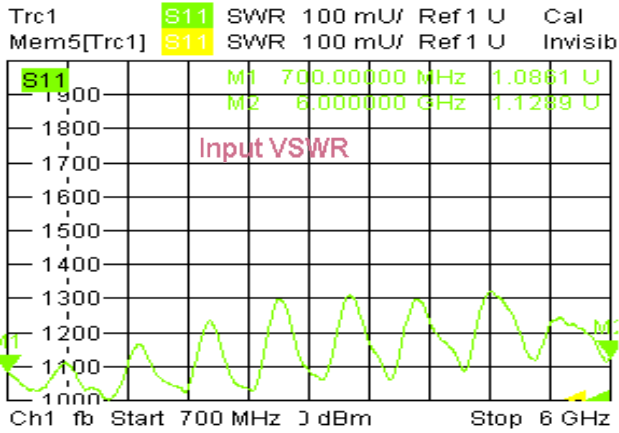
Trc4 **S22** SWR 100 mU/ Ref1 U Ca
Mem8[Trc4] **S22** SWR 100 mU/ Ref1 U Im



8/4/2020, 11:01 AM

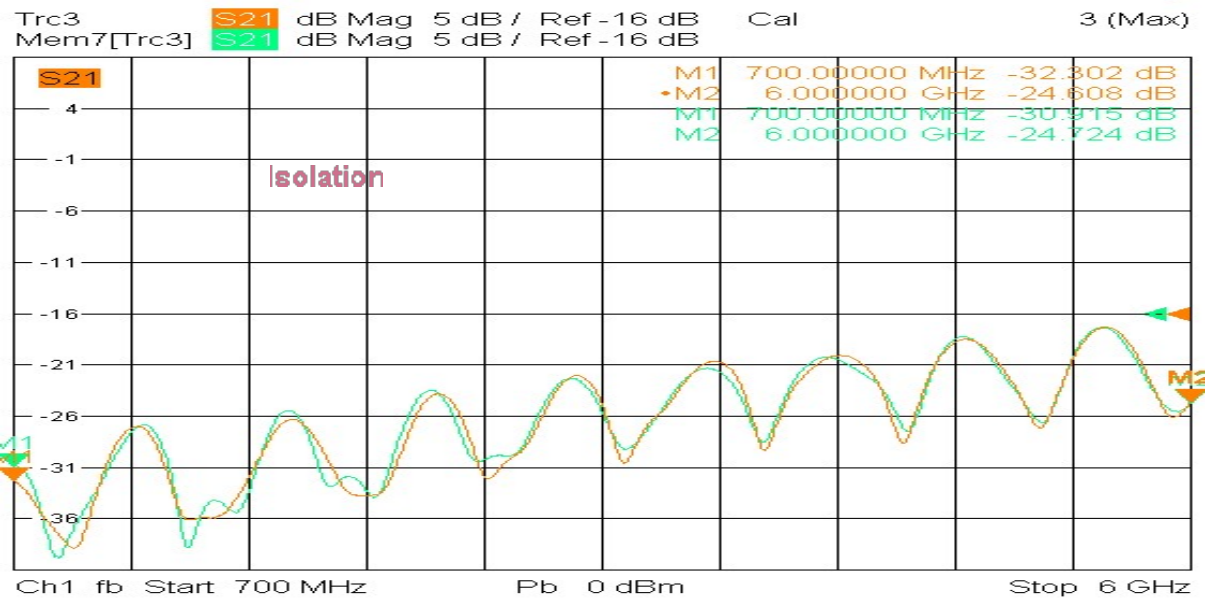


2. Insertion Loss, Amplitude & Phase Balance, VSWR _ 180°



8/4/2020, 11:00 AM

3. Isolation



8/4/2020, 11:06 AM

