

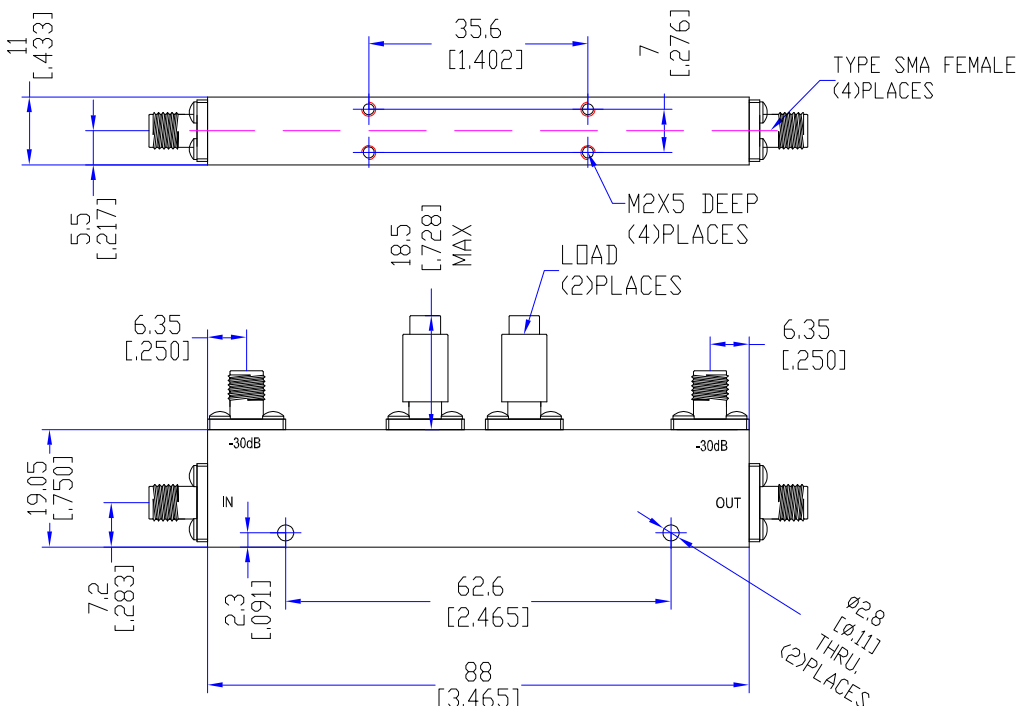
Model TDC137145A30D

Features

Low VSWR
High Directivity
Broadband & Miniature Size

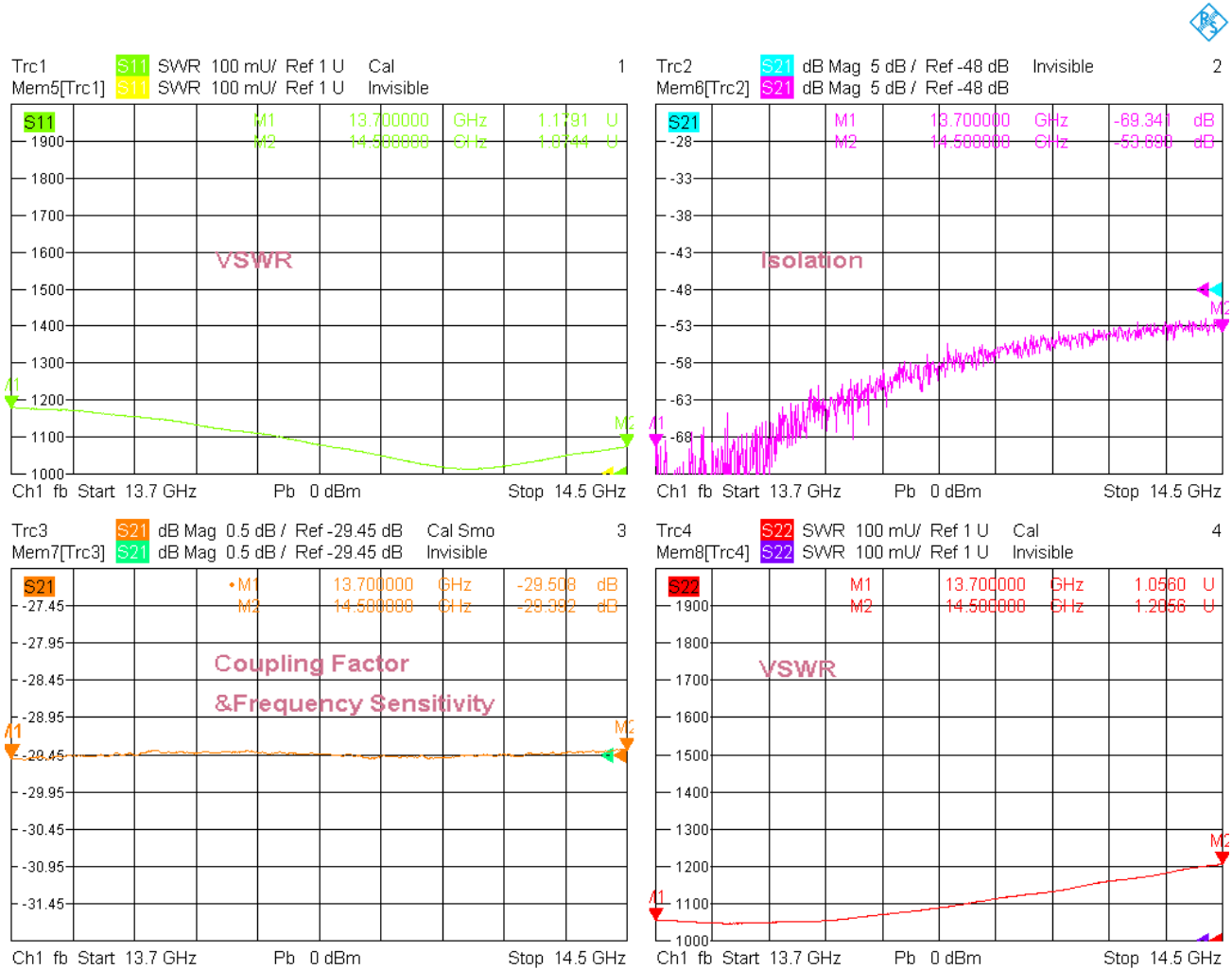
Technical Data Sheet			
Frequency Range	13.7~14.5GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤0.8dB (Excl. Coupling Loss 0.01dB)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤30±1dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±0.5dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥18dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.40:1 Secondary ≤1.40:1	Operating Temperature	-55~+85°C
¹ Power Handling	Incident ≤30Watt; Reflected ≤30Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	50g
Port Connectors	SMA-Female	IP Rate	IP65

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



Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR

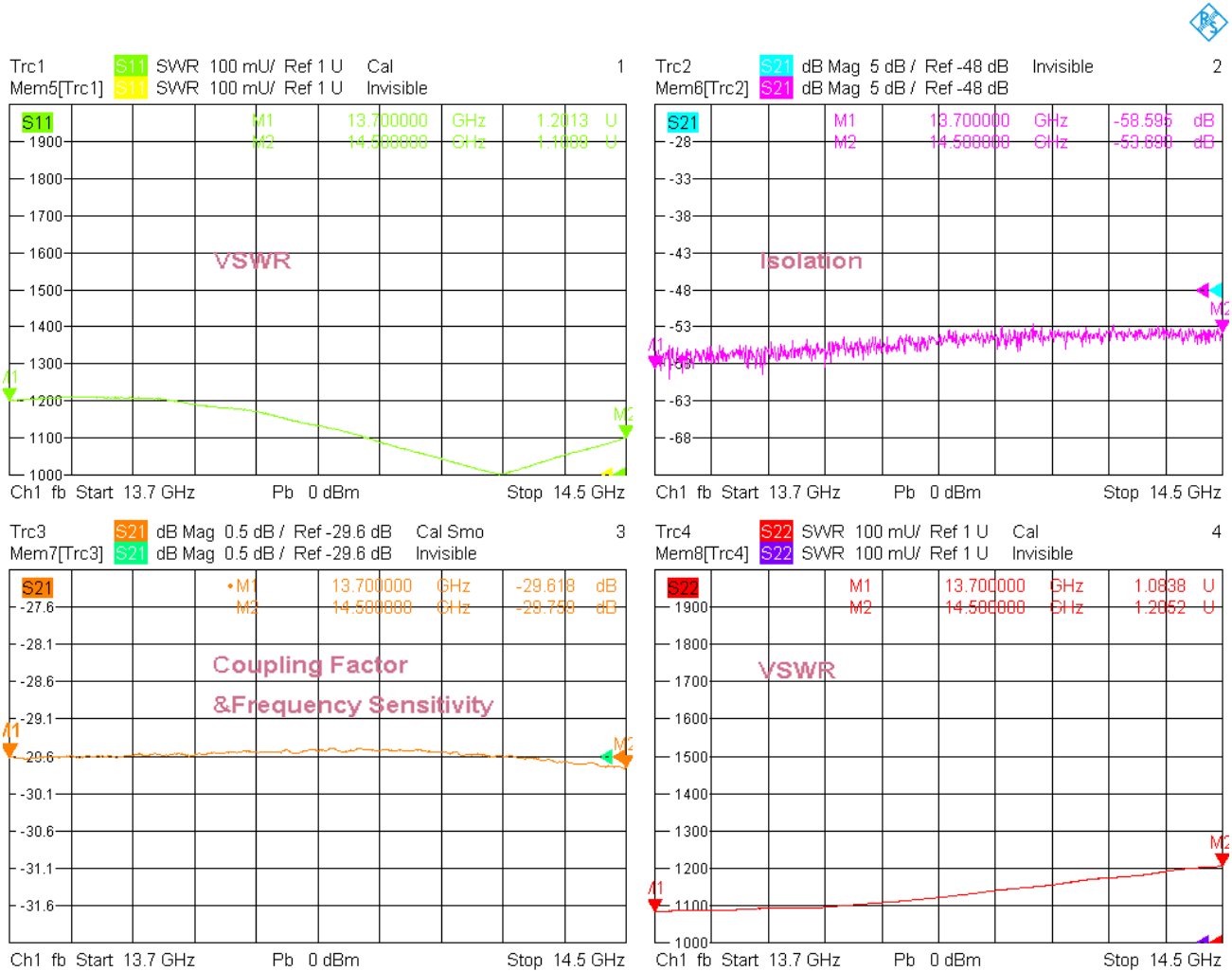


12/27/2021, 4:31 PM



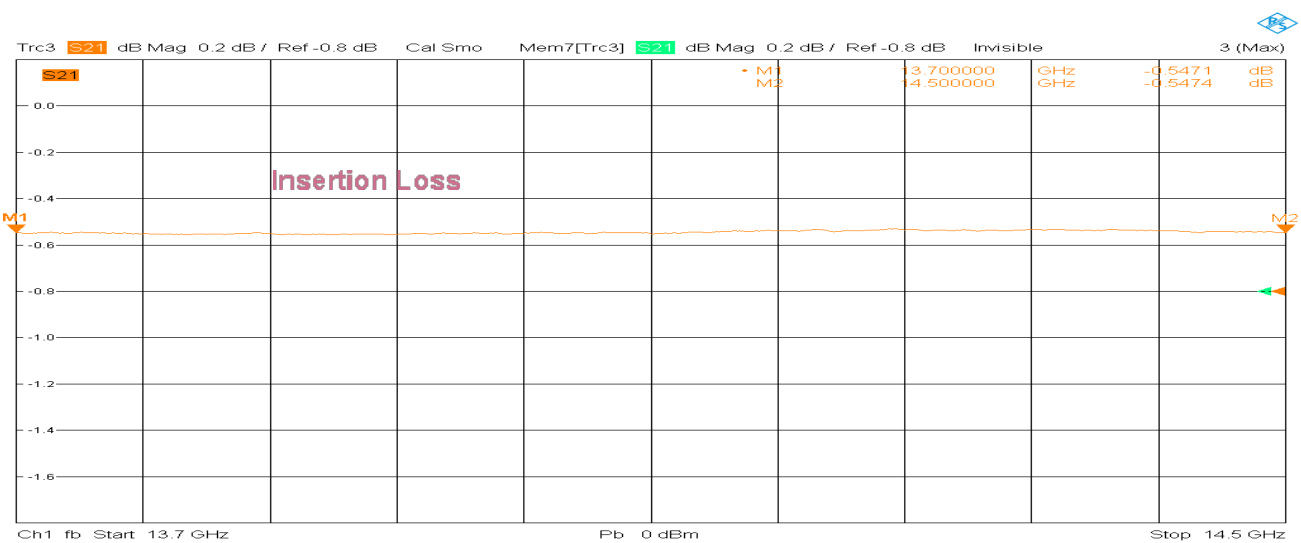
Typical Performance

2. Coupling Factor & Sensitivity, Isolation, VSWR



12/27/2021, 4:31 PM

3. Insertion Loss



12/27/2021, 4:32 PM

