



ROTARY ATTENUATOR

MVE2R81N-50

DC to 12.4GHz
ROTARY, 0-69dB
1dB&10dB/Step

Feature

- ✓ Excellent Accuracy Value
- ✓ Full Attenuation Range: 69dB
- ✓ Low VSWR, unconditional stable
- ✓ N Male to Female connector I/O (option: SMA)



Specifications

PART NUMBER	IMPEDANCE	FREQUENCY	ATTENUATION STEP	INSERTION LOSS(MAX.)	VSWR (MAX.)	CONNECTOR
MVE2R81N-50	50 Ohm	DC – 12.4GHz	0-69 dB 1dB 、10dB/step	1.5dB	1.6:1	N * (M-F)

*Option Connector SMA(Female to Female)

ATTENUATION ACCURACY

01-09dB: ±0.8 dB

10-19dB: ±1.0 dB

20-49dB: ±1.5 dB

50-69dB: ±2.0 dB

MATERIALS

CONNECTOR: BRASS, NICKEL PLATED

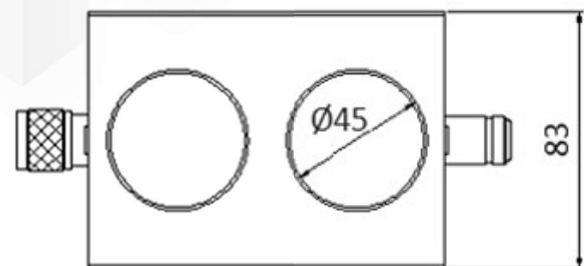
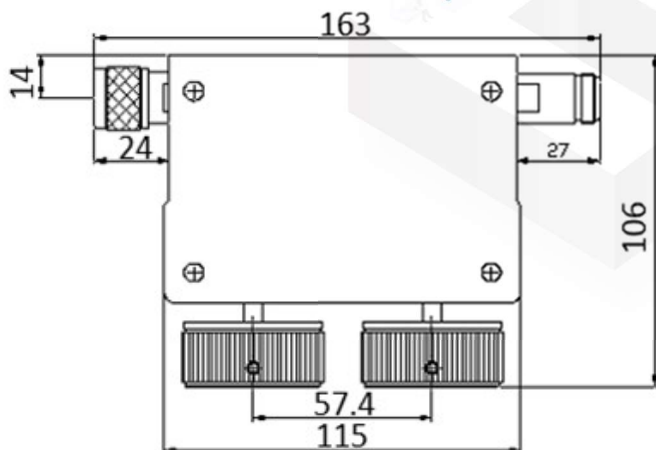
MALE PIN: BRASS, GOLD PLATED

FEMALE PIN: BERYLLIUM COPPER, GOLD PLATED

BODY: ALUMINUM, BLUE PAINT

Tolerance:±5%

Outline Drawing (Unit: mm)



NOTES:

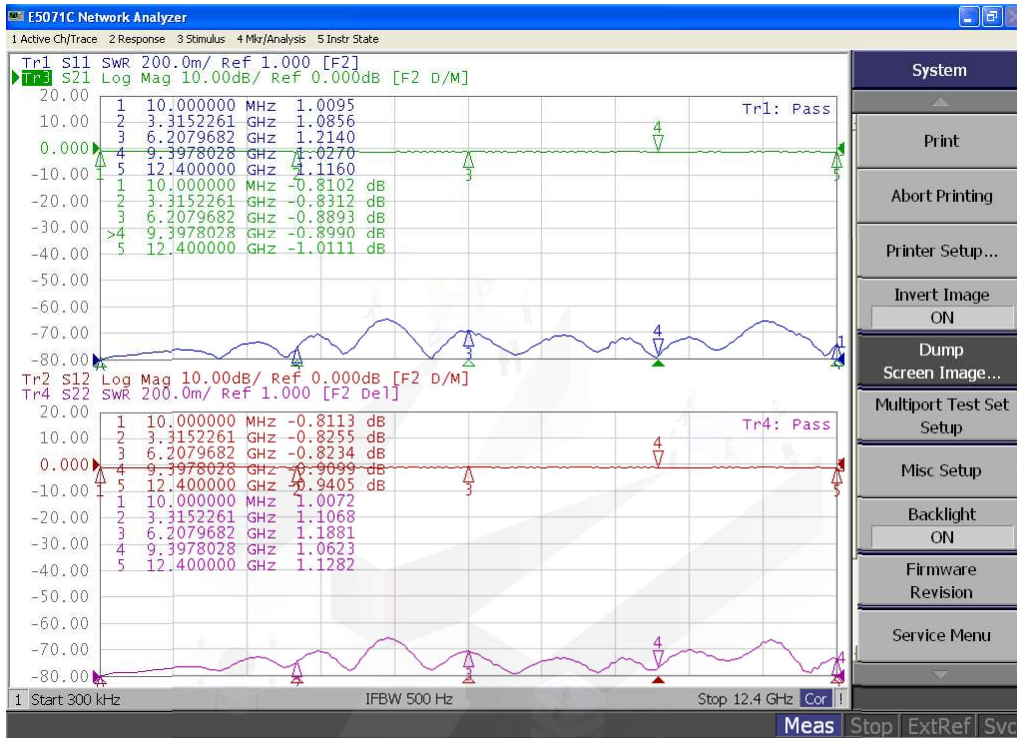
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2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY



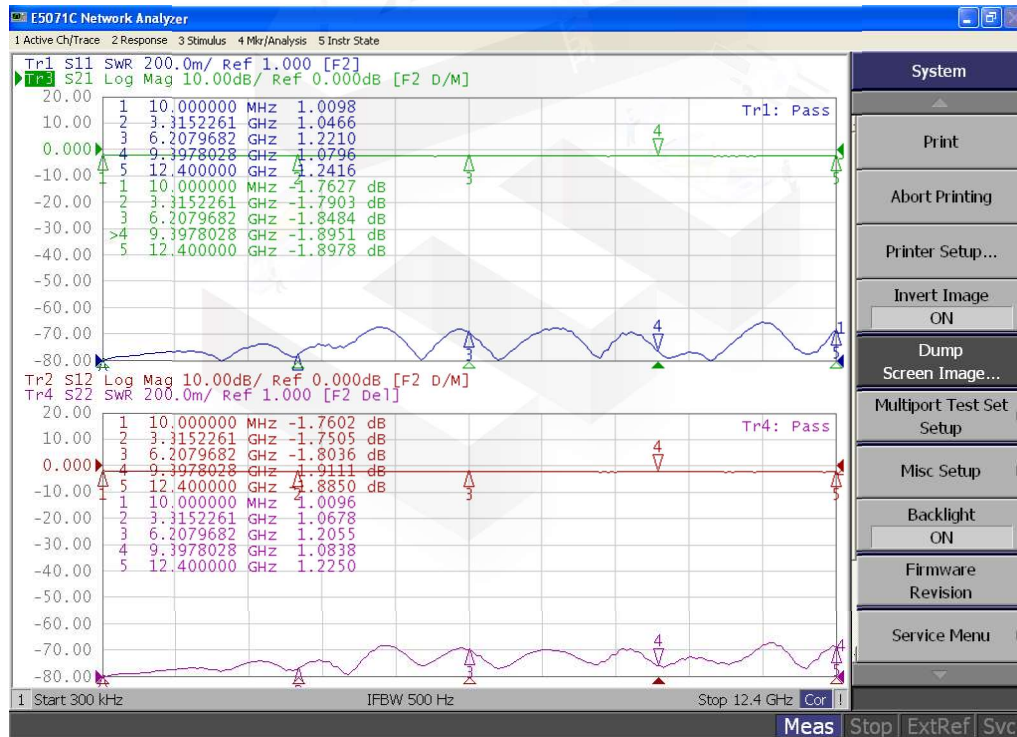


Typical Test Report

1dB



2dB



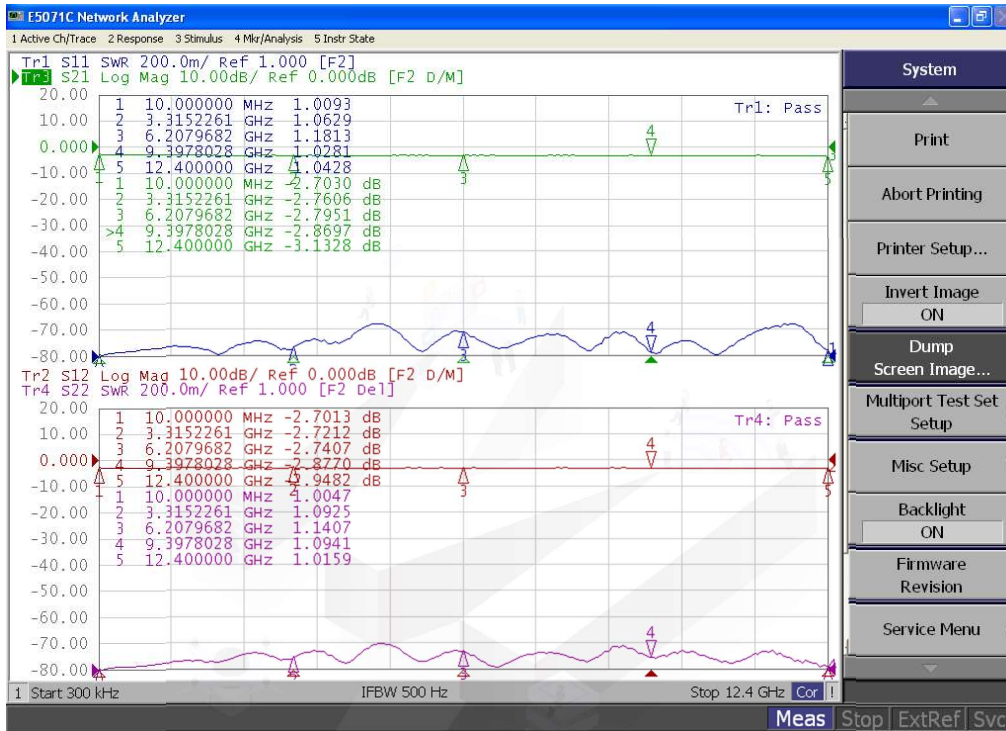
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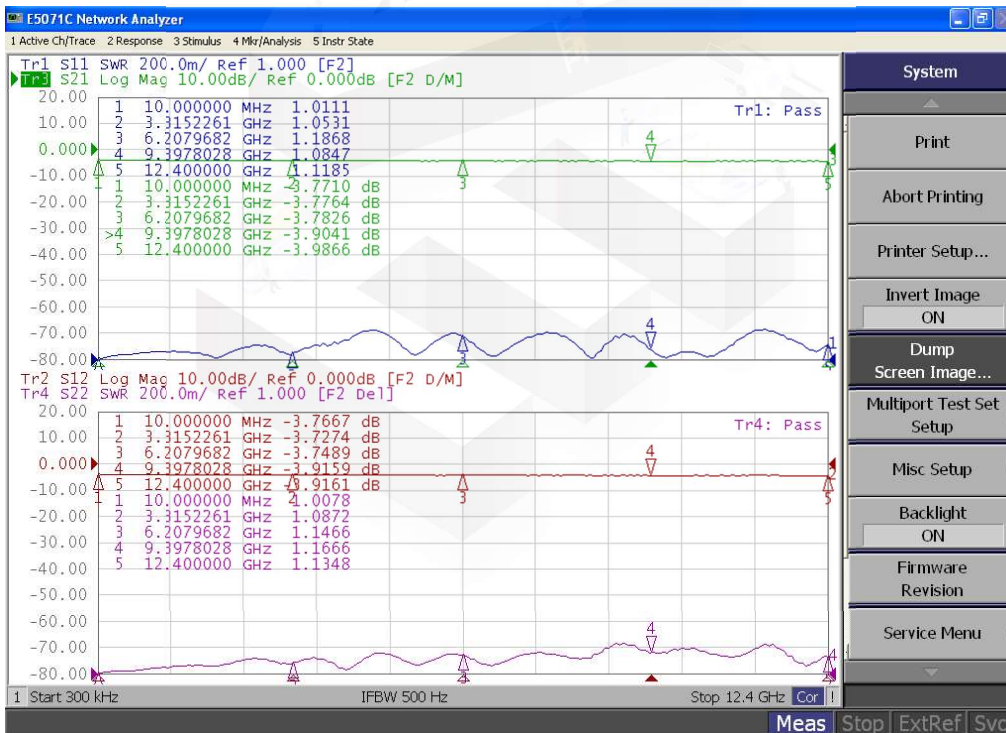


Typical Test Report

3dB



4dB



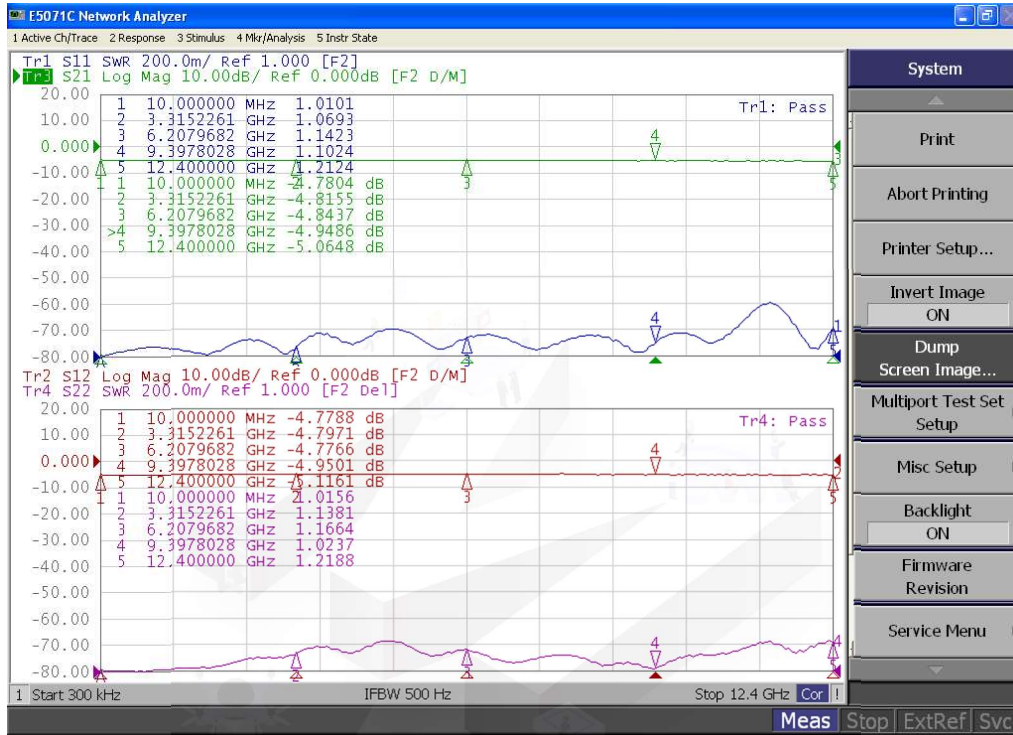
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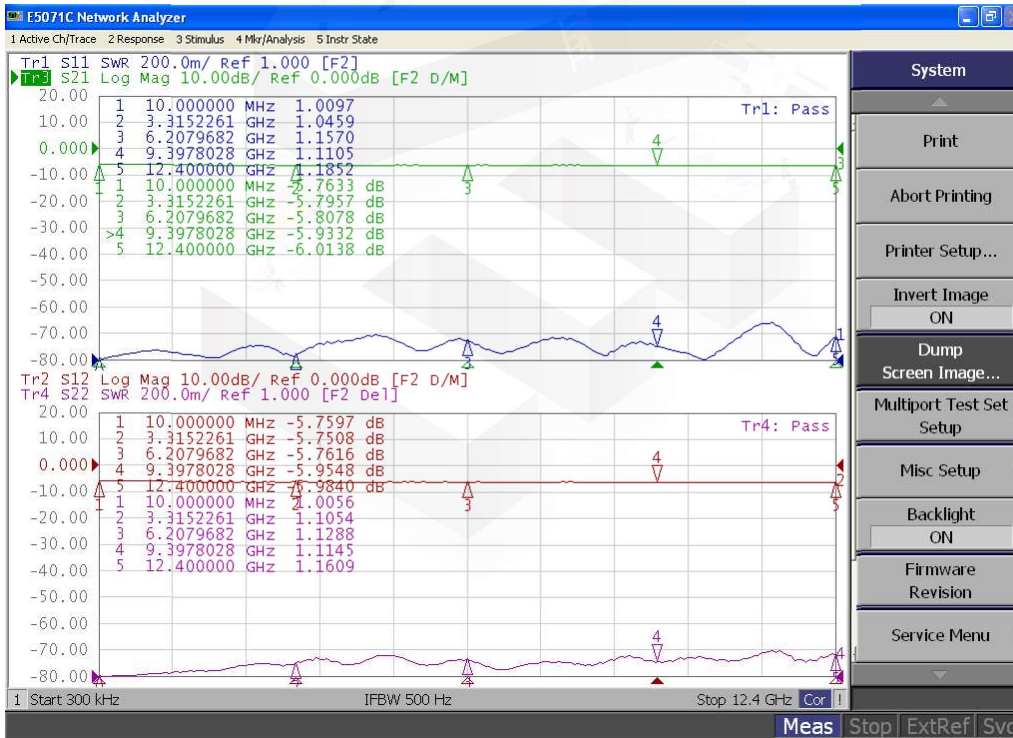


Typical Test Report

5dB



6dB



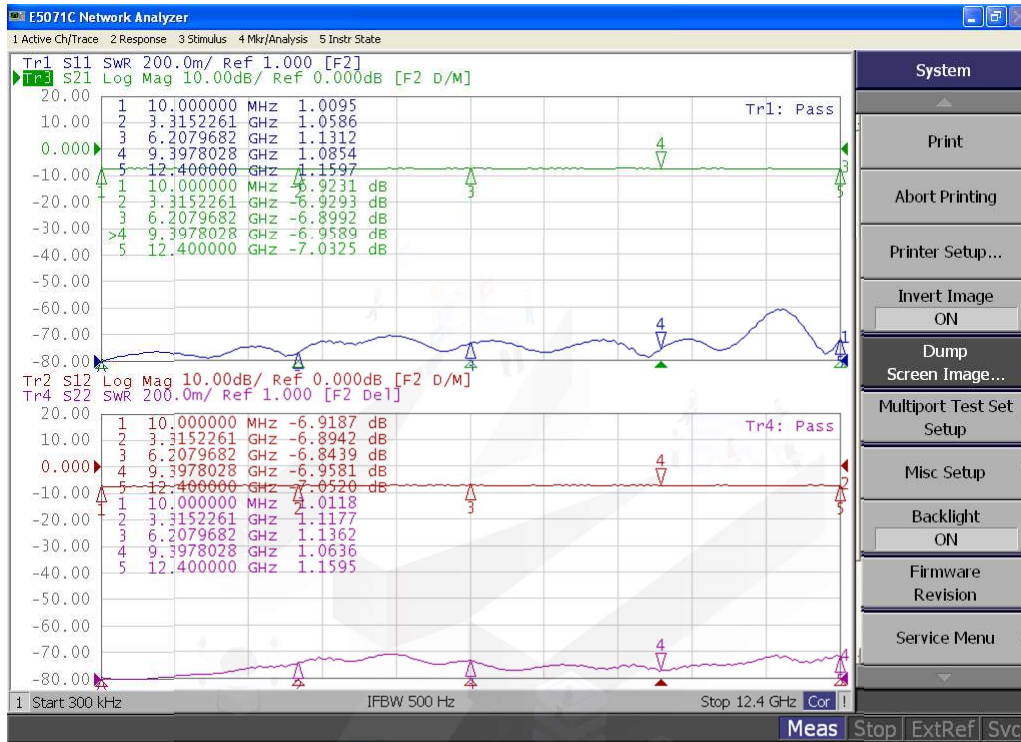
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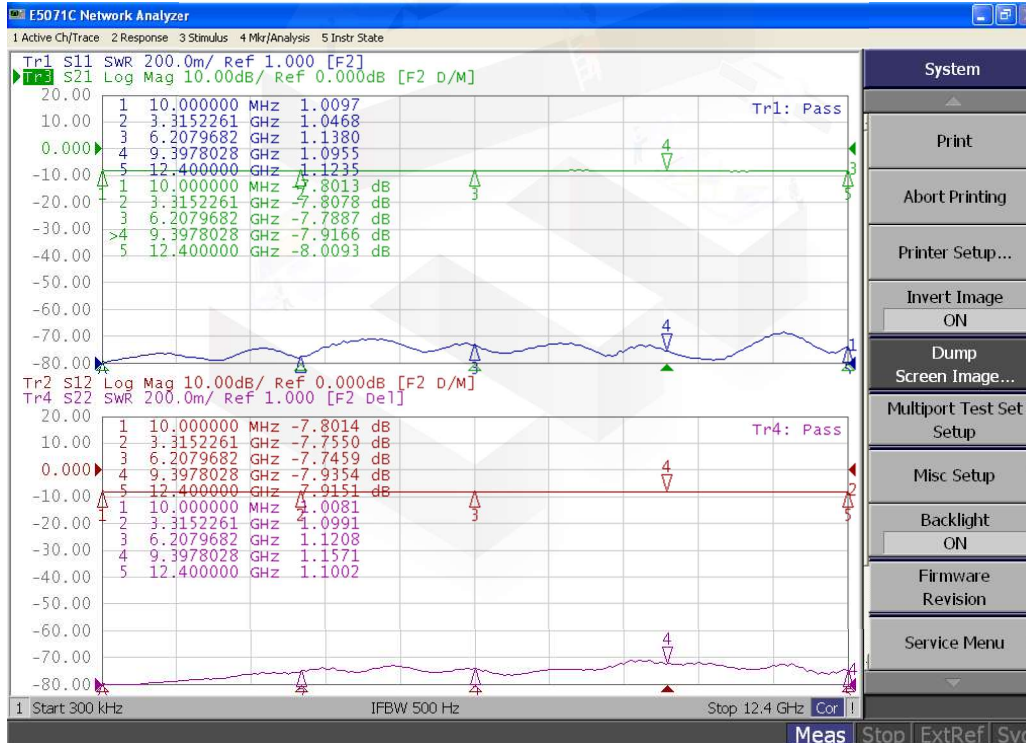


Typical Test Report

7dB



8dB



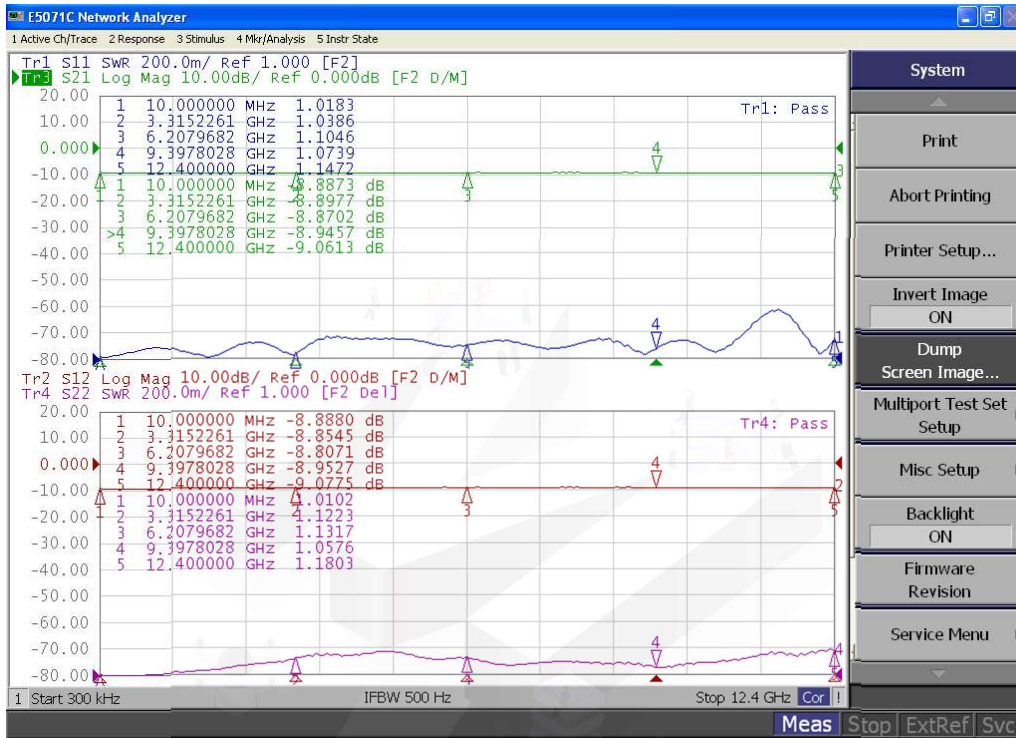
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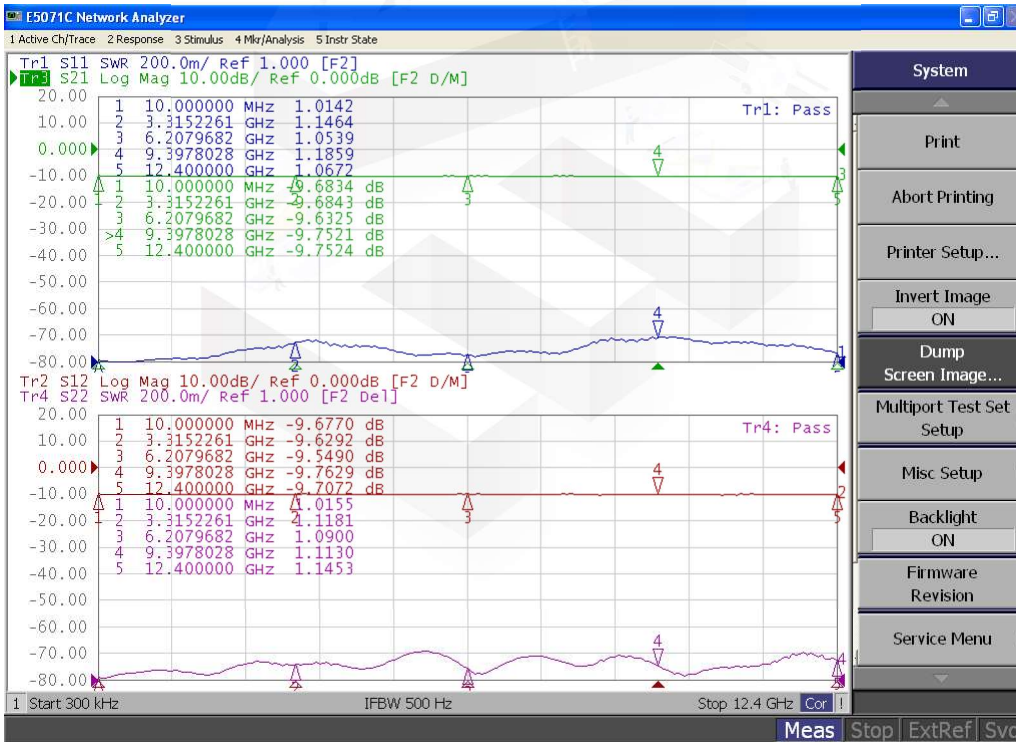


Typical Test Report

9dB



10dB



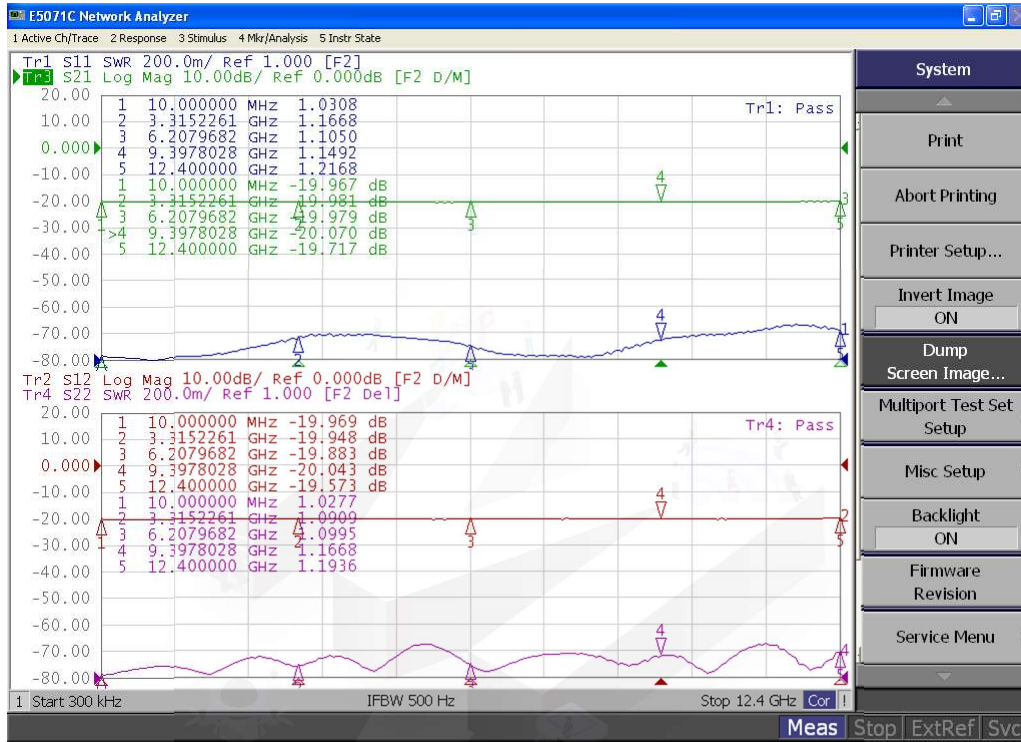
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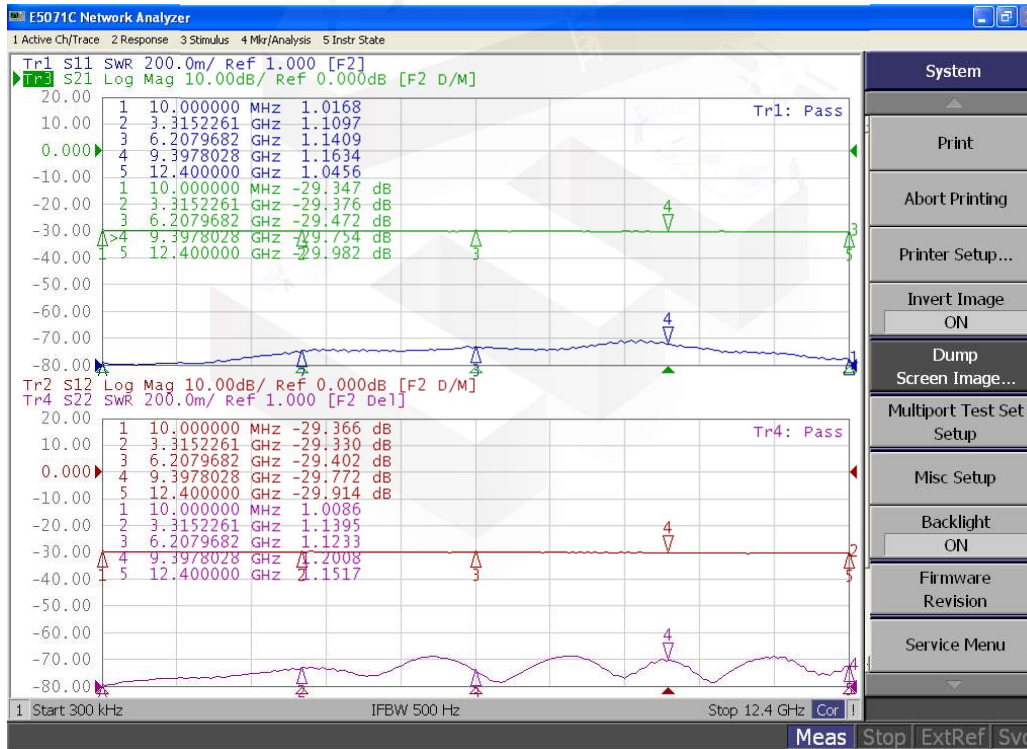


Typical Test Report

20dB



30dB



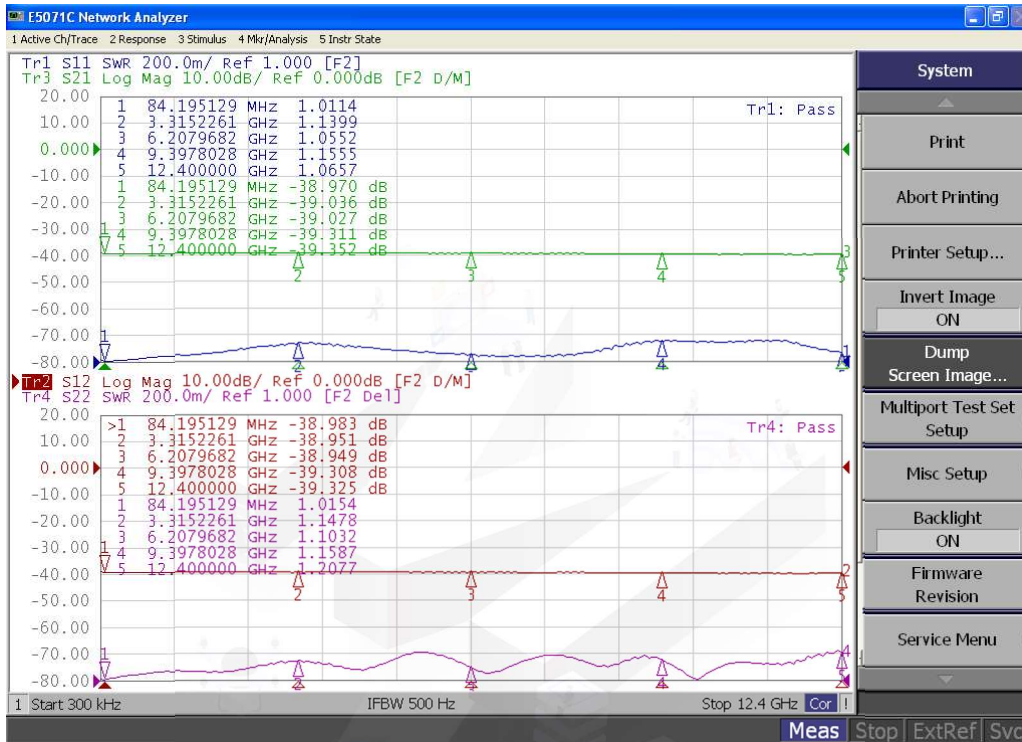
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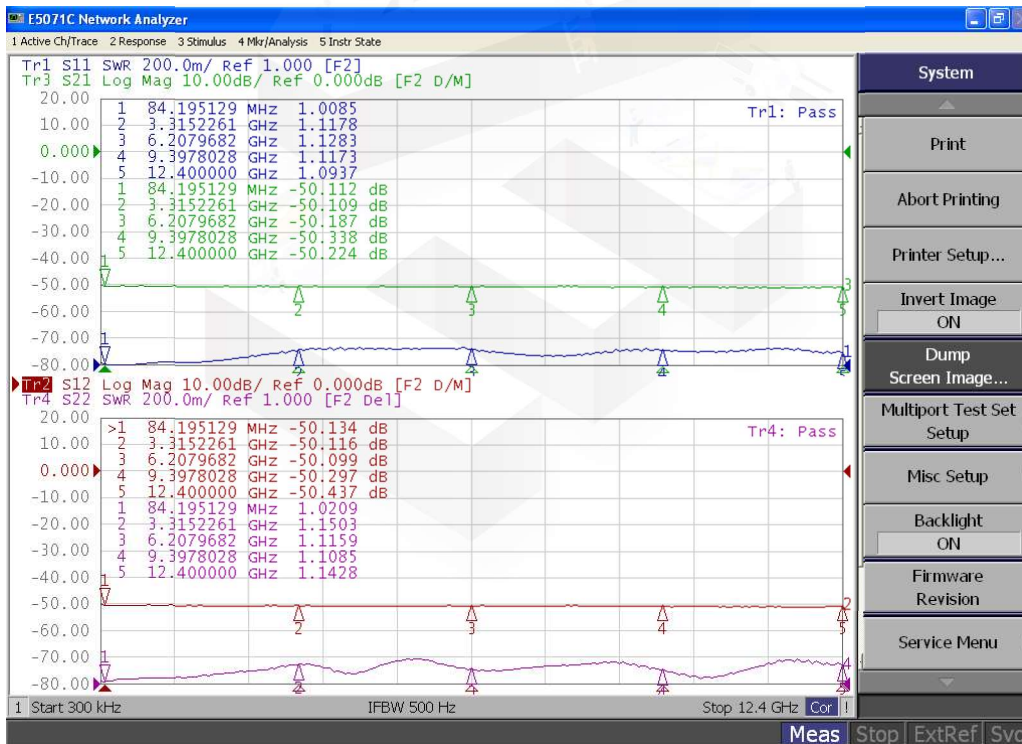


Typical Test Report

40dB



50dB



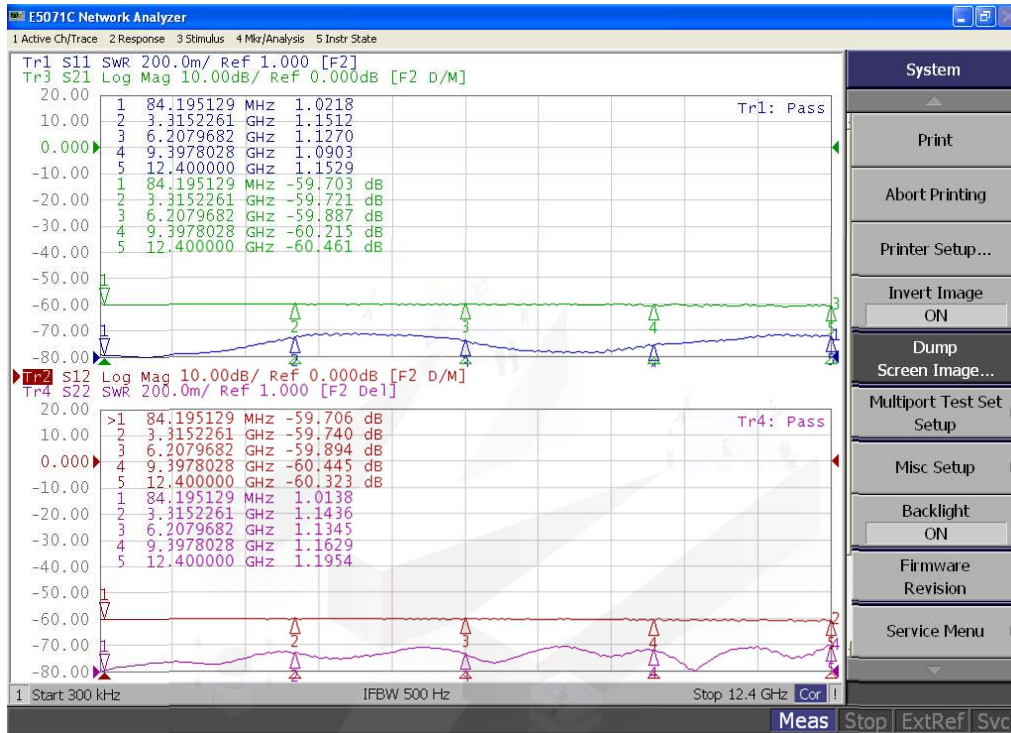
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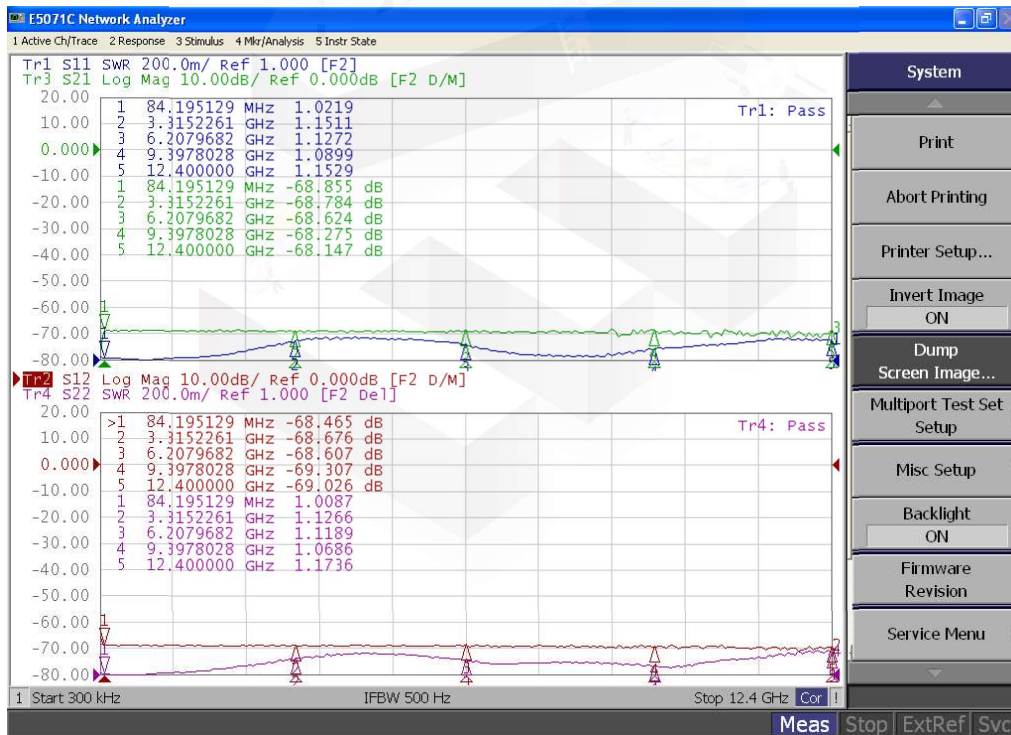


Typical Test Report

60dB



69dB



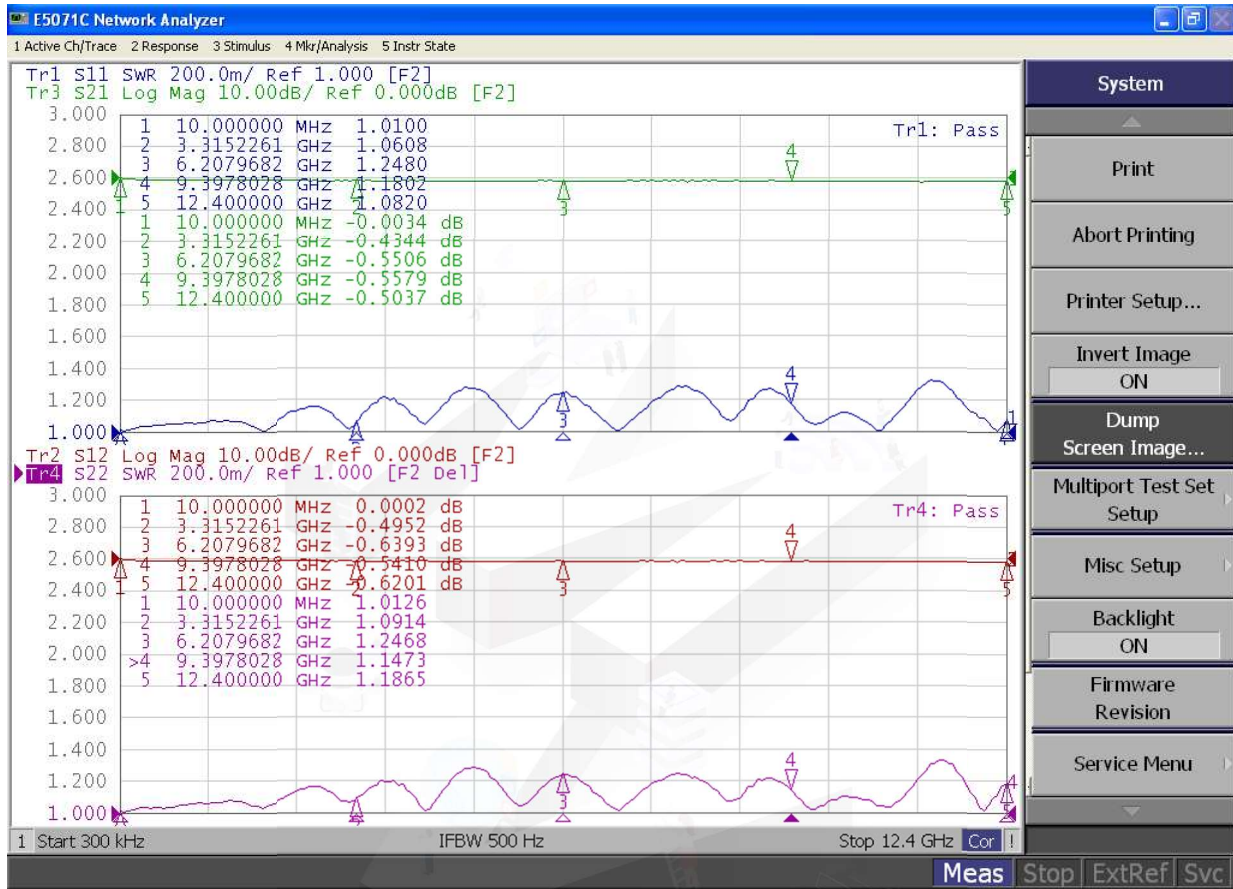
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Typical Test Report

Insertion Loss



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