

ROTARY ATTENUATOR

MVE2R77-50

DC to 12.4GHz
Rotary, 0-99dB
1dB&10dB/Step

Features

- ✓ Excellent Accuracy Value
- ✓ Full Attenuation Range: 99dB
- ✓ Low VSWR, unconditional stable
- ✓ SMA female connector I/O (option: N)



Specifications

PART NUMBER	IMPEDANCE	FREQUENCY	ATTENUATION STEP	INSERTION LOSS(MAX.)	VSWR (MAX.)	AVERAGE POWER	CONNECTOR
MVE2R77-50	50 OHM	DC – 12.4GHz	0-99 dB 1dB 、 10dB /step	1.6dB	1.50:1	2Watts @25°C	SMA * FEMALE

*Option Connector: N Female

ATTENUATION ACCURACY

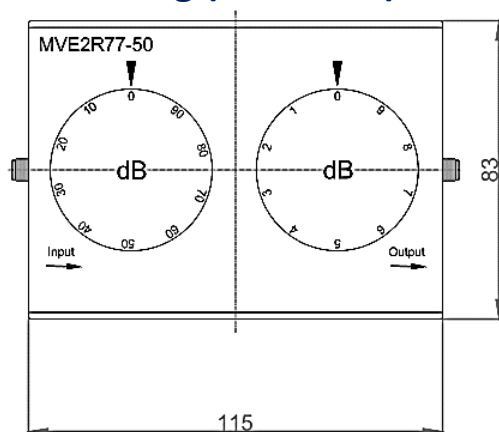
- ±0.5 dB @1-9 dB(DC-8G)
- ±0.8 dB @1-9 dB(>8G)
- ±1.0 dB @ 10-19dB
- ±1.5 dB @ 20-49dB
- ±2.0 dB @ 50-69dB
- ±2.5 dB OR 3.5%@ 70-99Db

MATERIALS

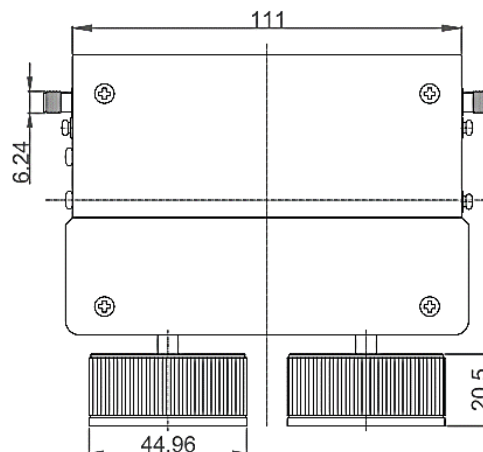
CONNECTOR: BRASS, NICKEL PLATED
CENTOR CONDUCTOR: BERYLLIUM COPPER, GOLD PLATED
BODY: ALUMINUM, BLUE PAINT

Tolerance: X= ±5%

Outline Drawing (Unit: mm)

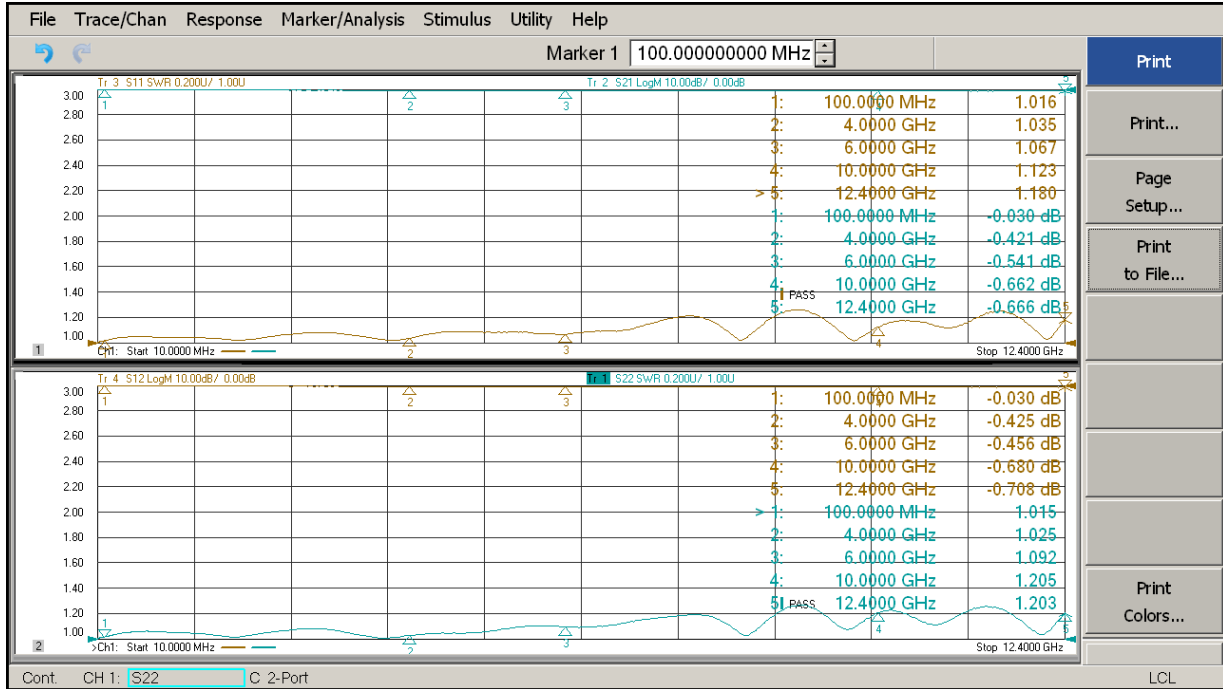


- NOTES:
1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

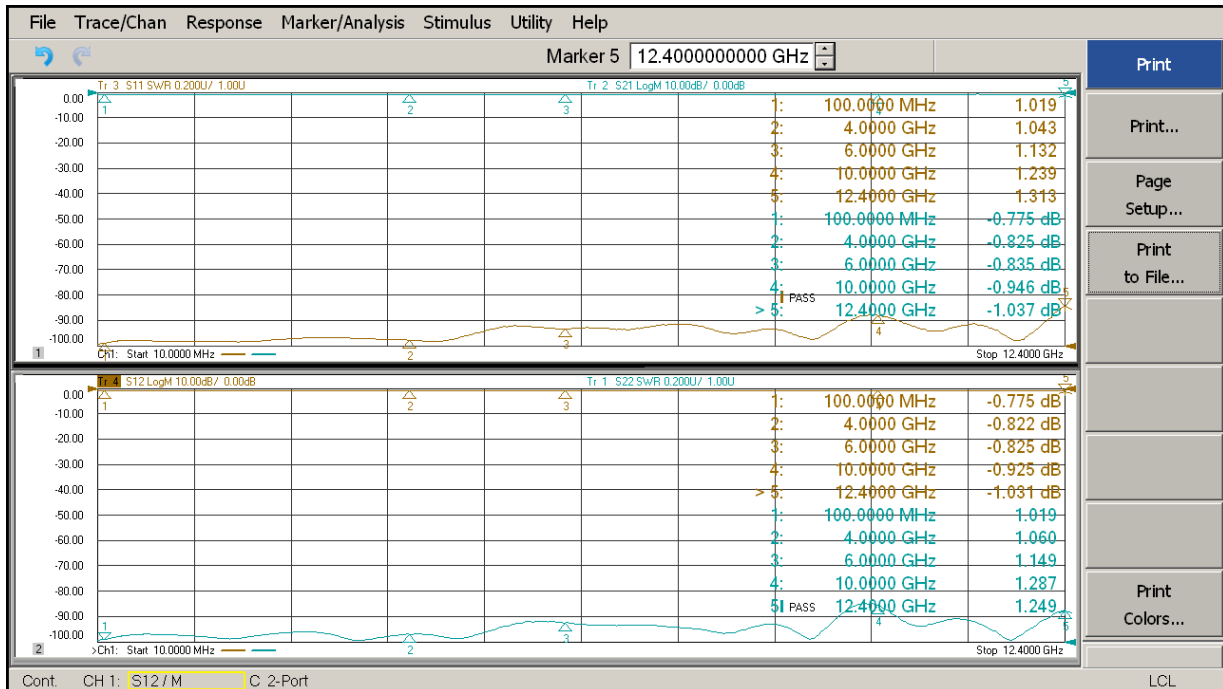


Typical Test Report

Insertion Loss



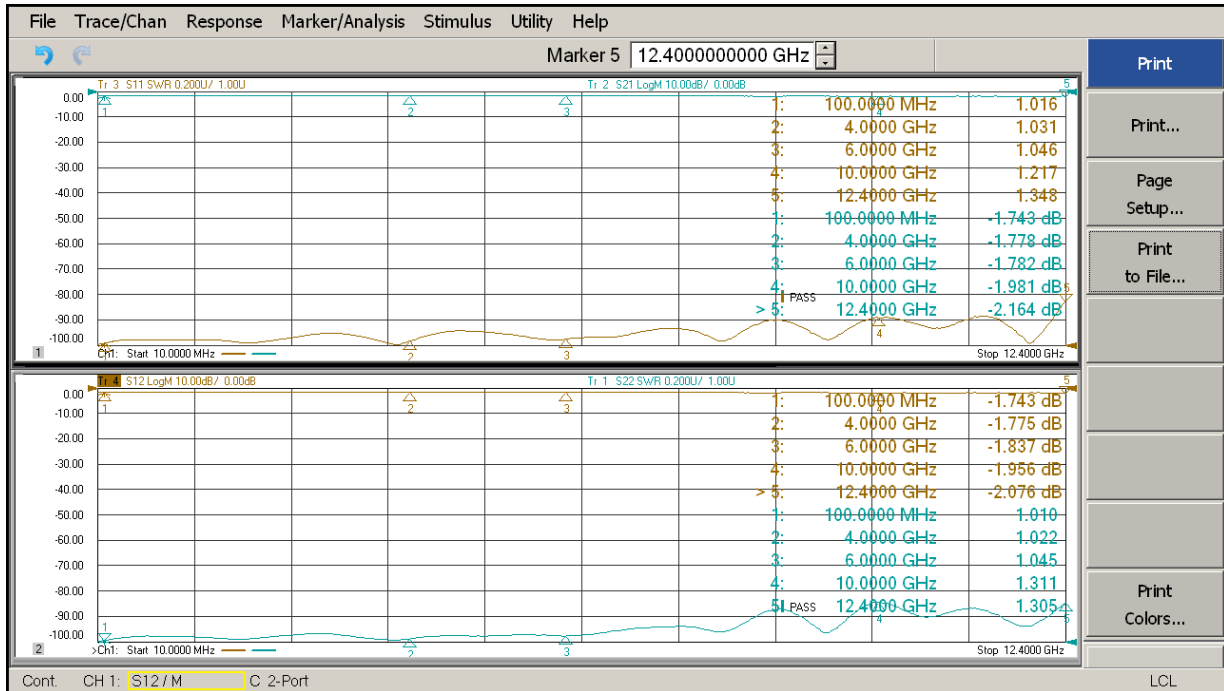
1dB



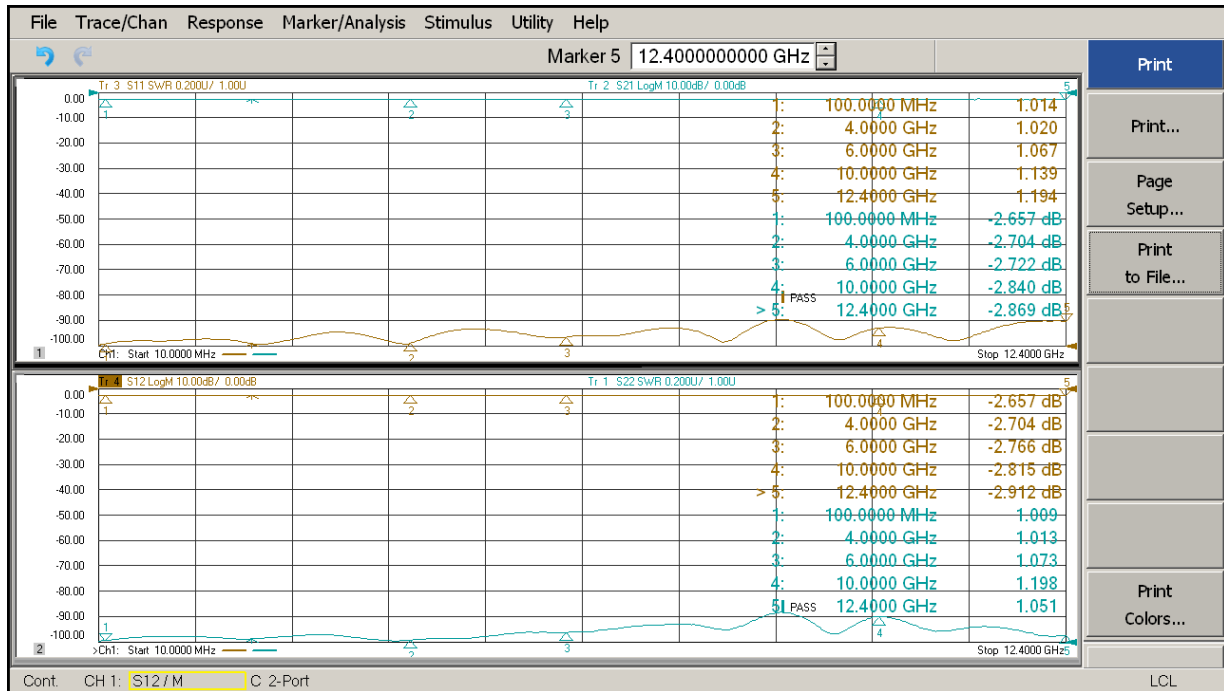
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2dB



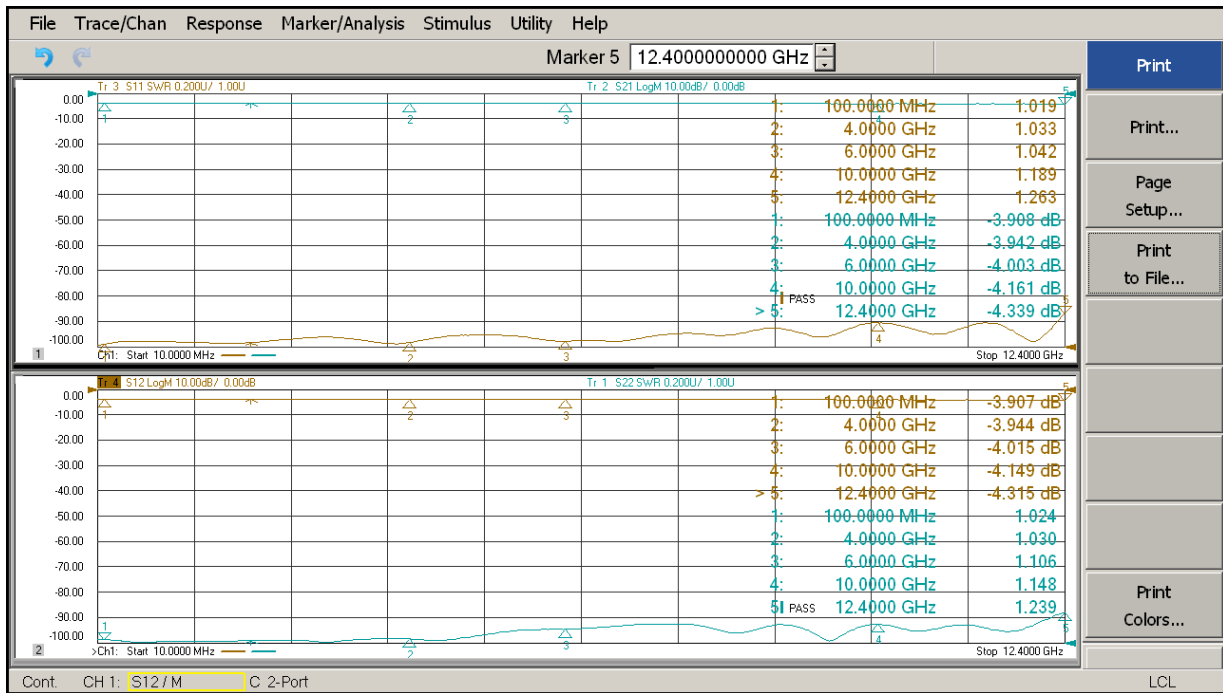
3dB



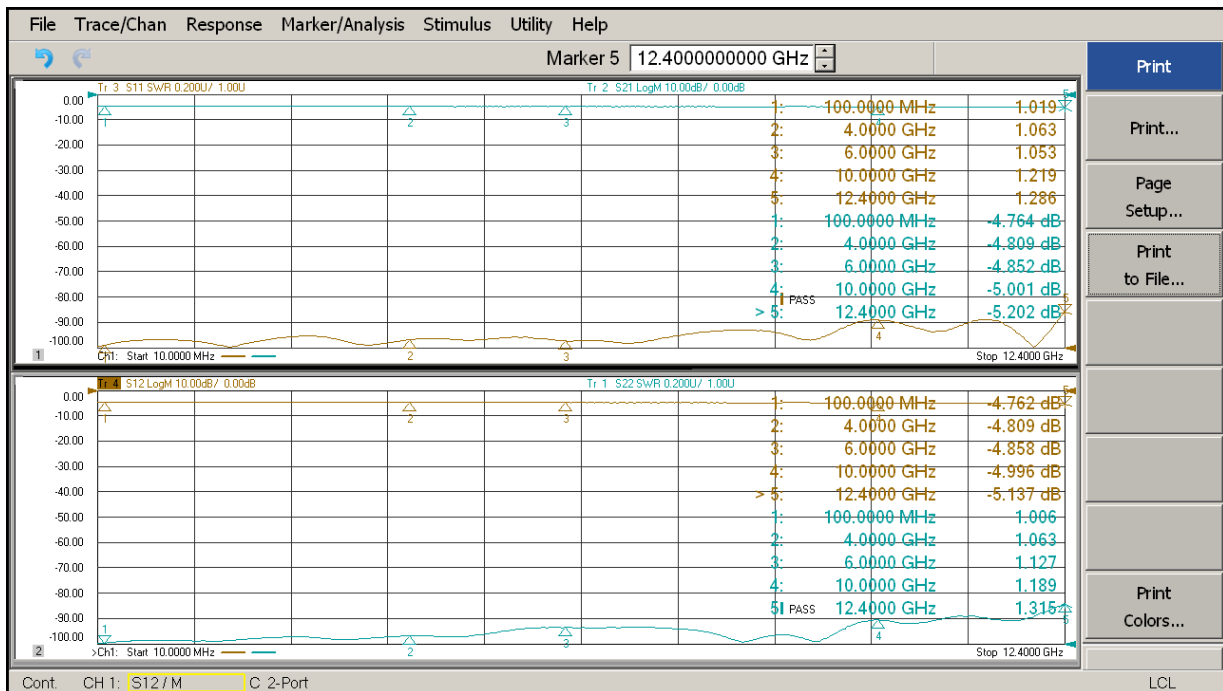
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4dB



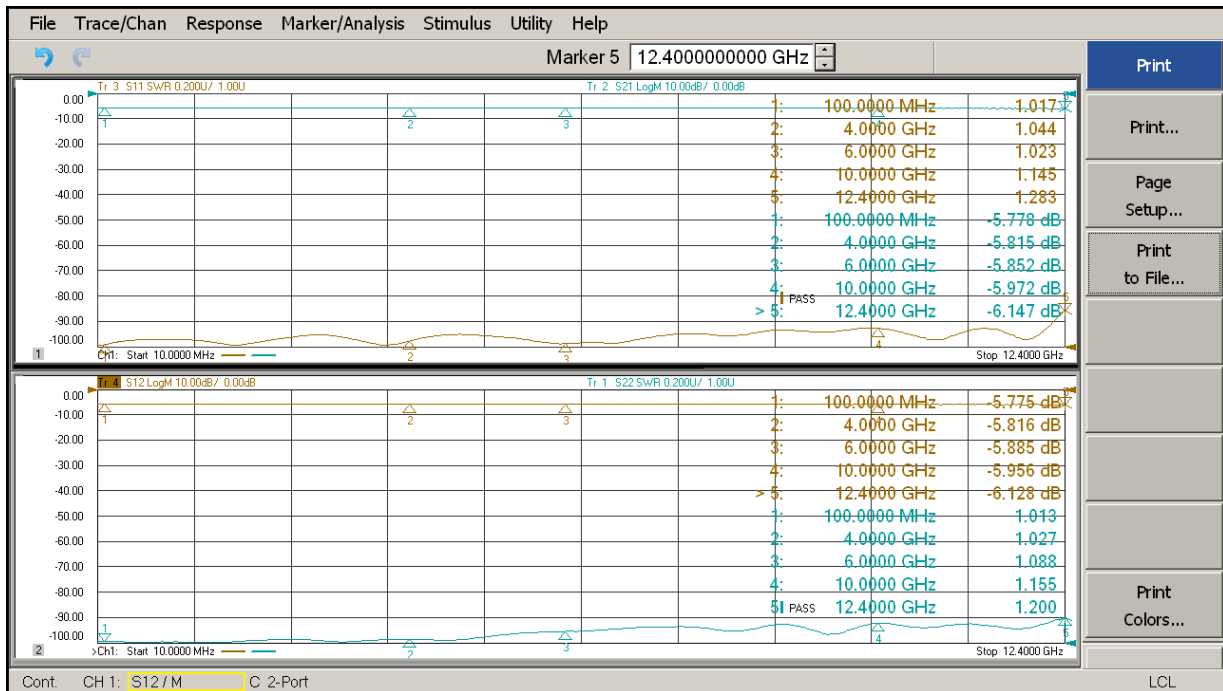
5dB



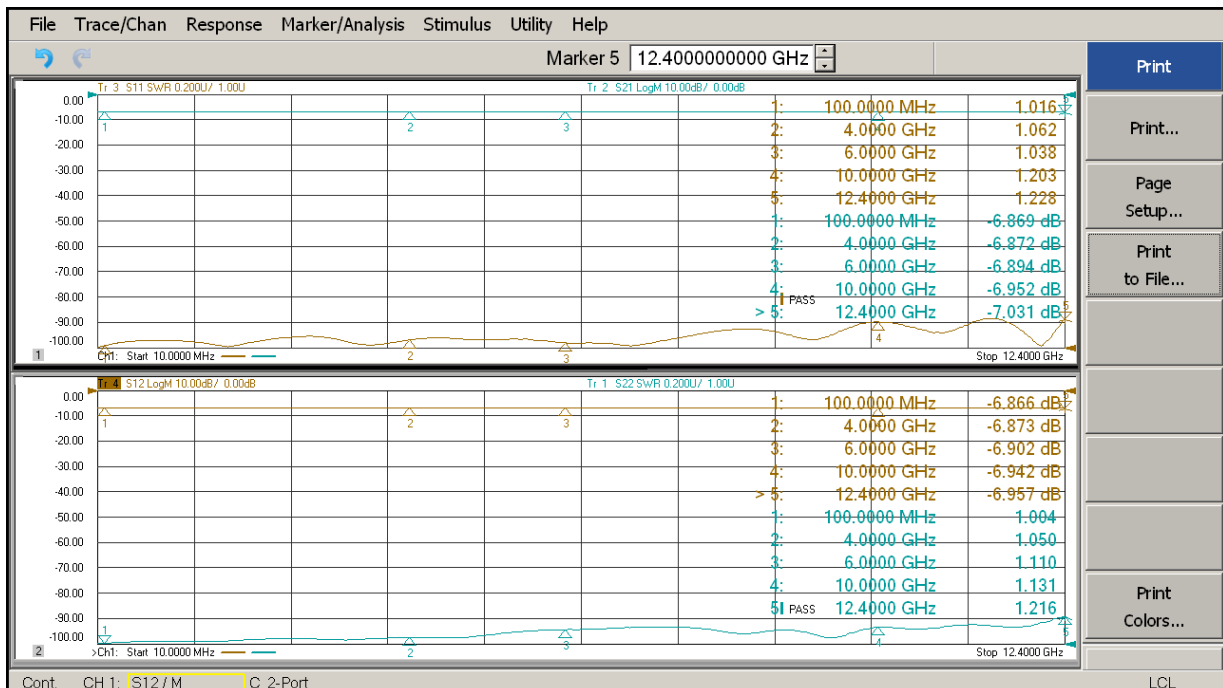
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6dB



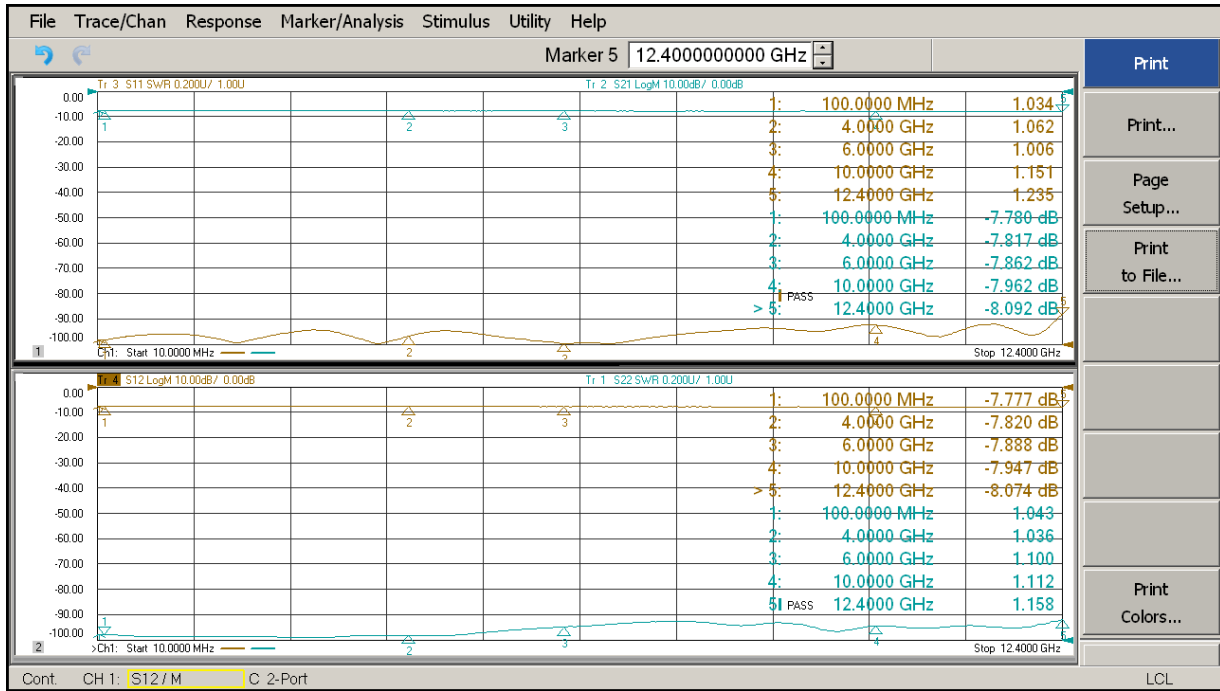
7dB



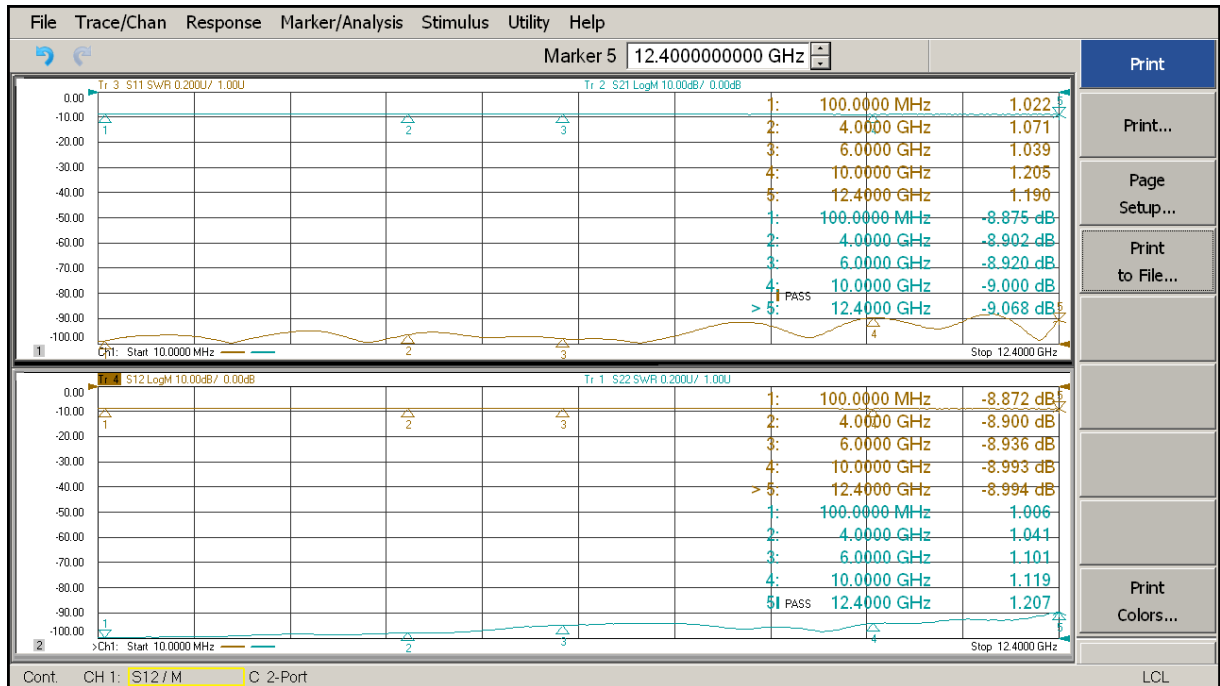
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8dB



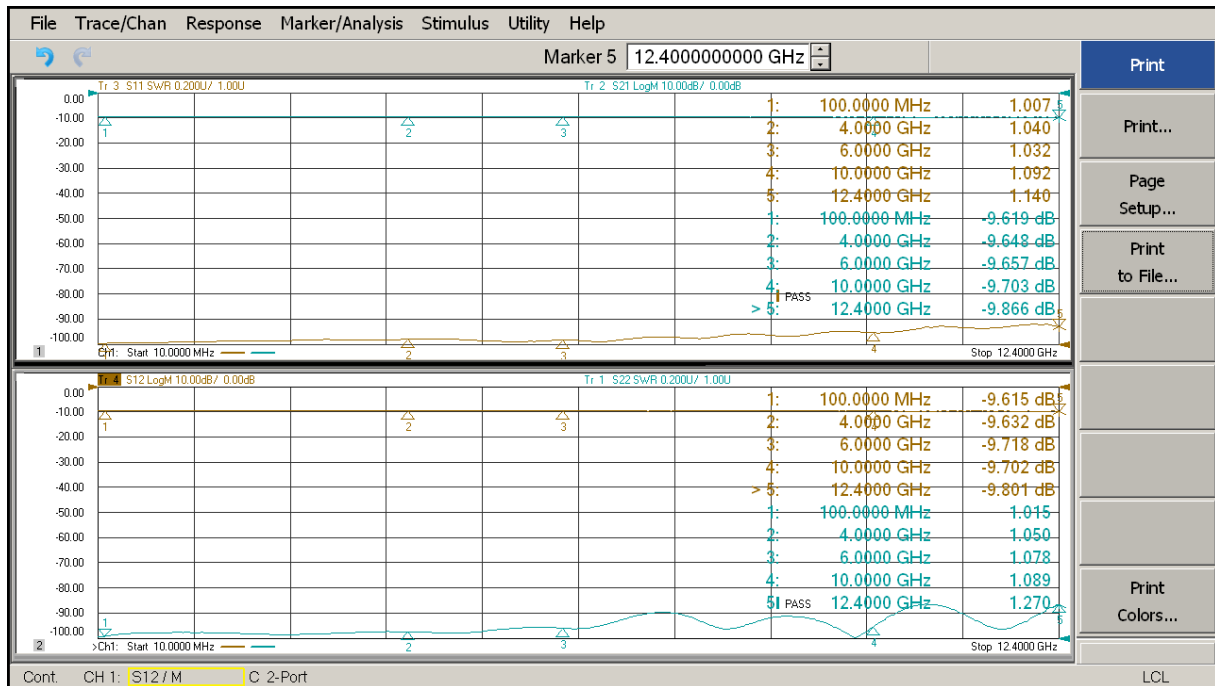
9dB



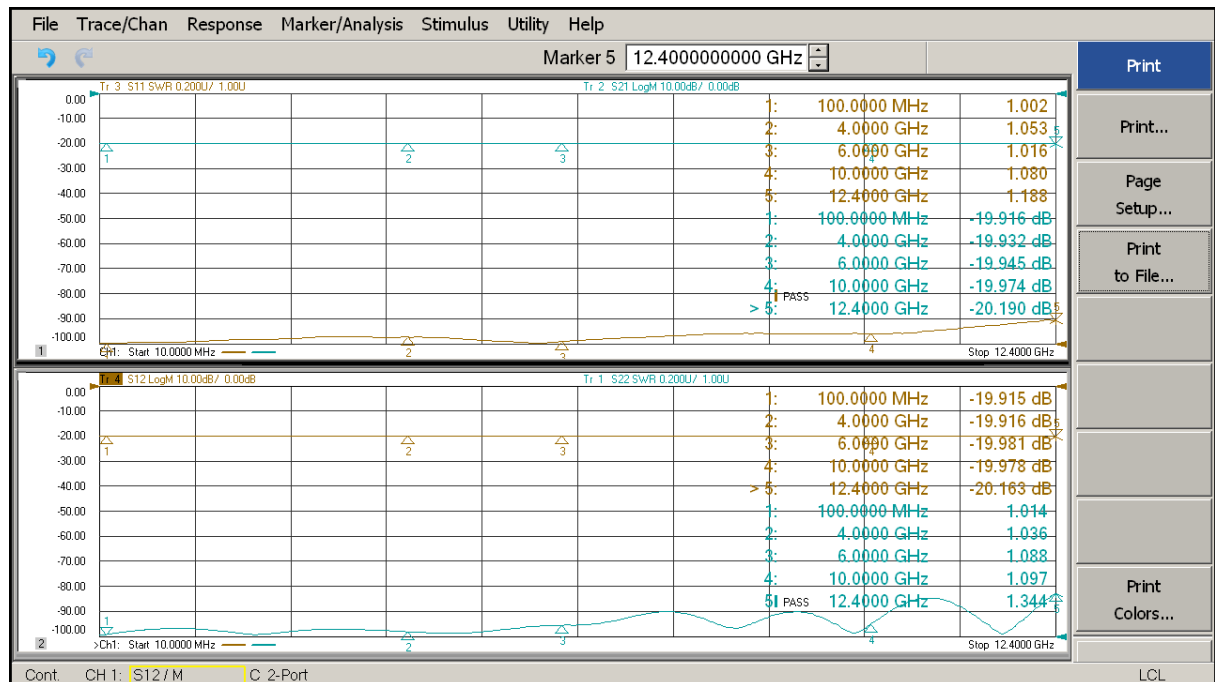
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10dB



20dB

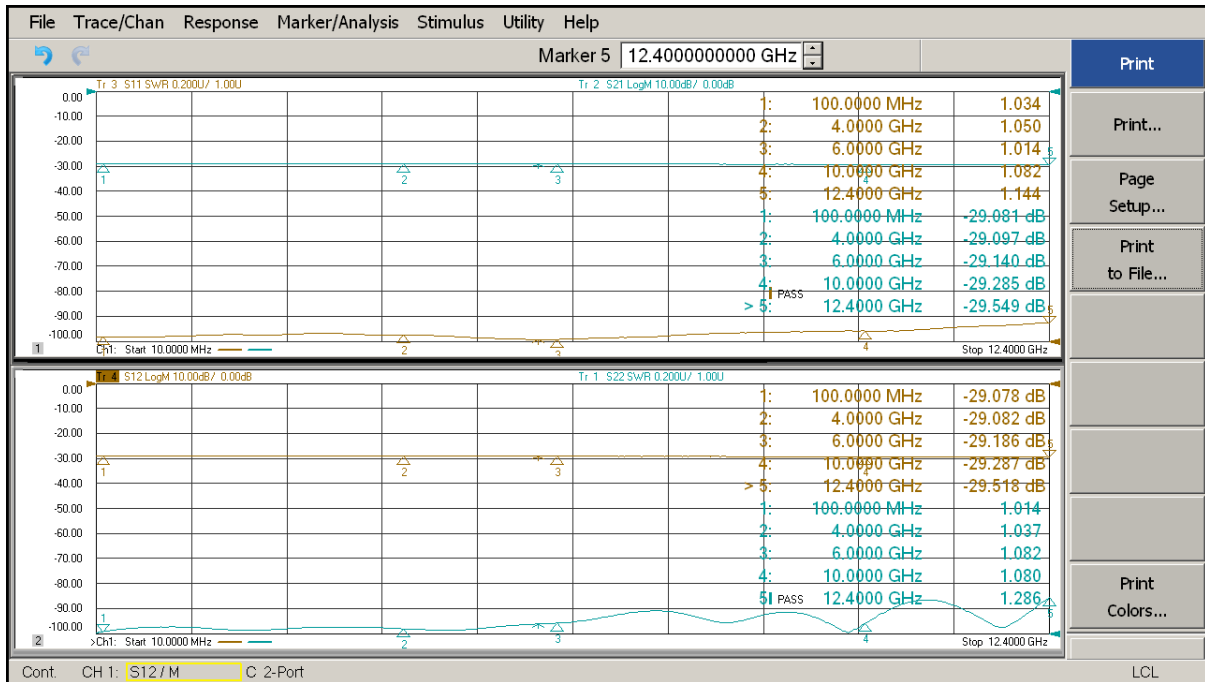


NOTES:

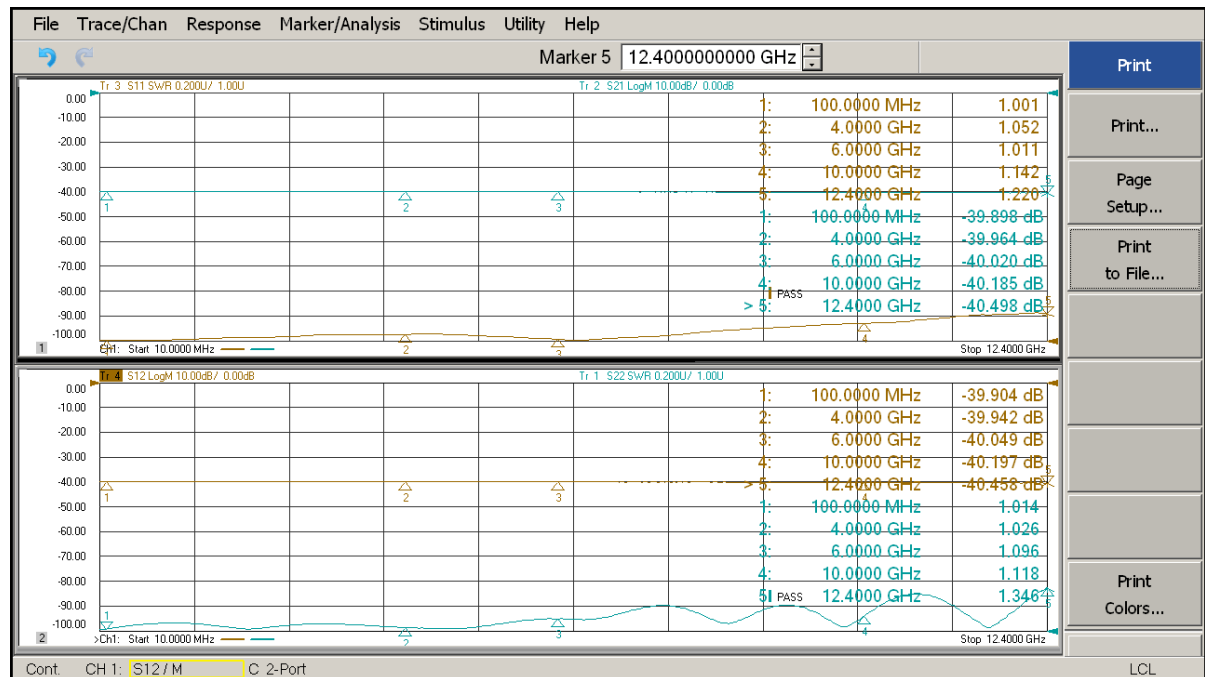
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30dB



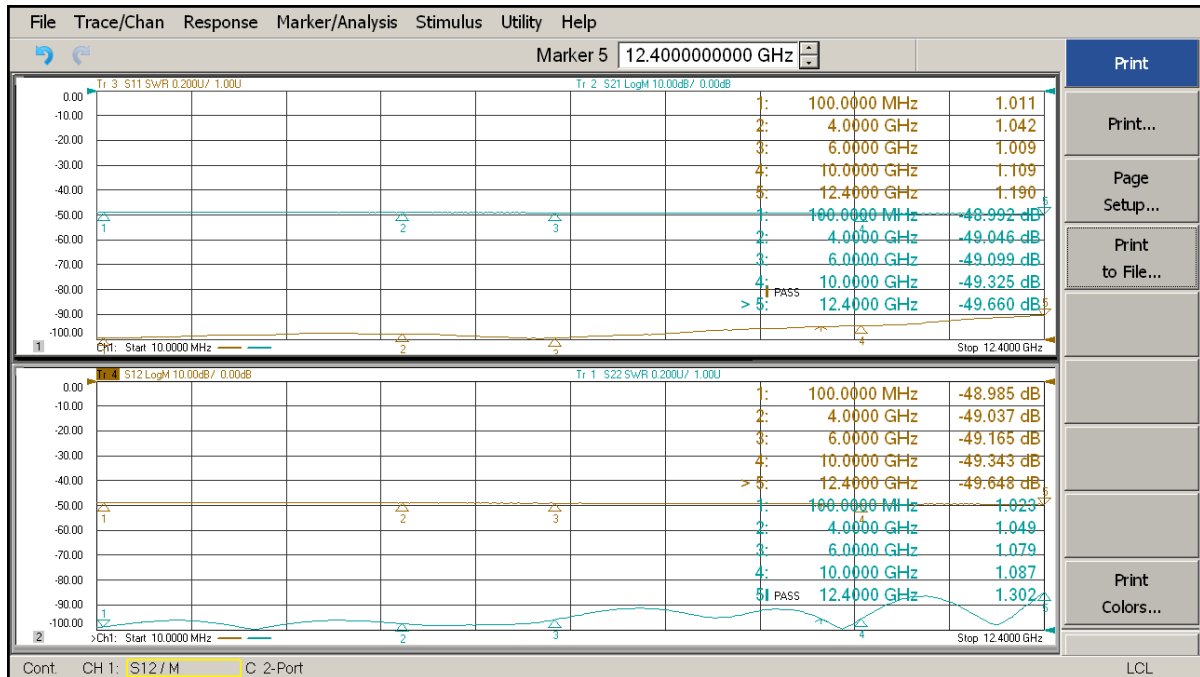
40dB



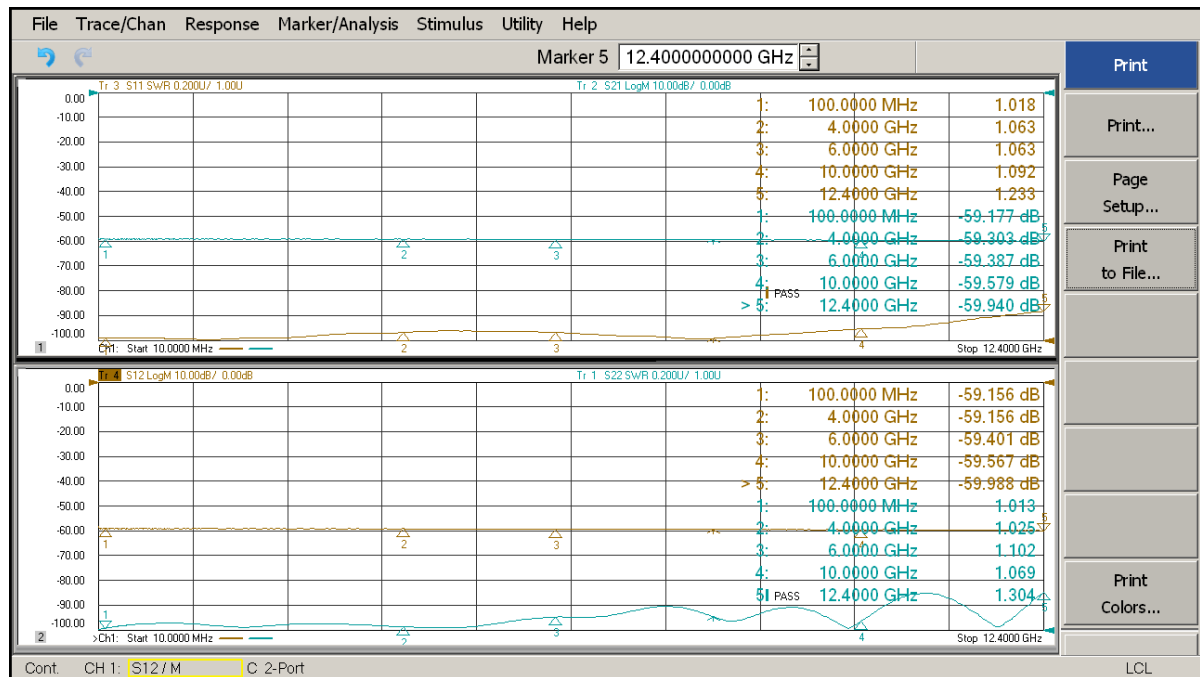
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50dB



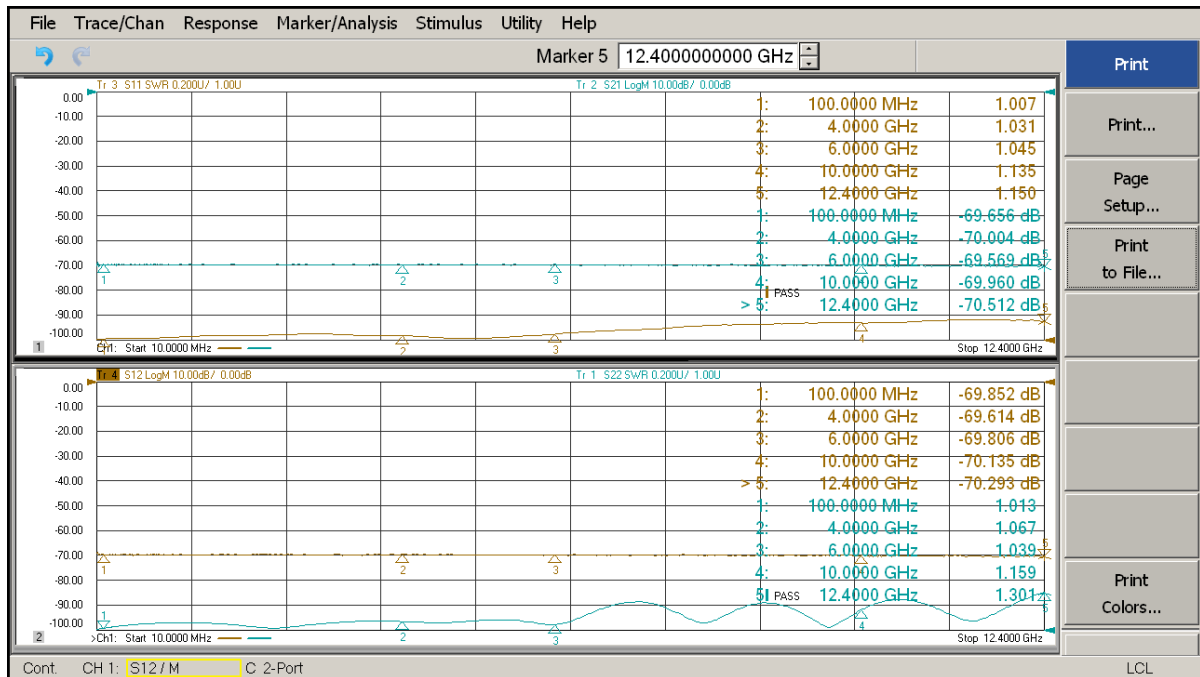
60dB



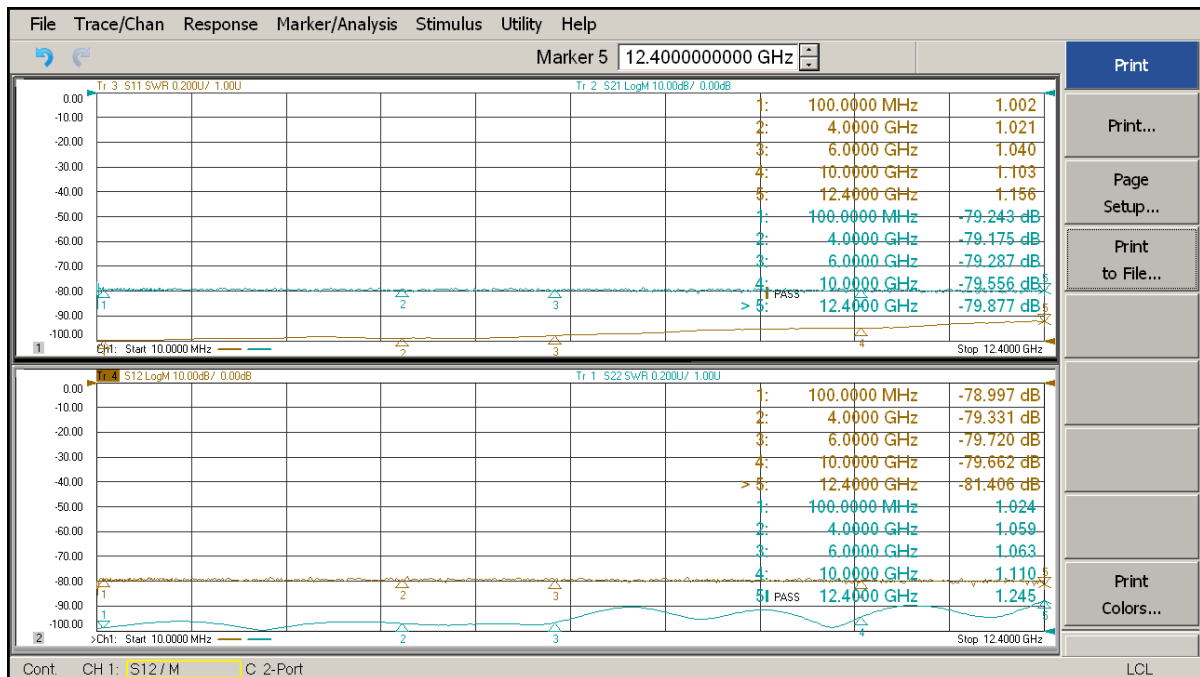
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70dB



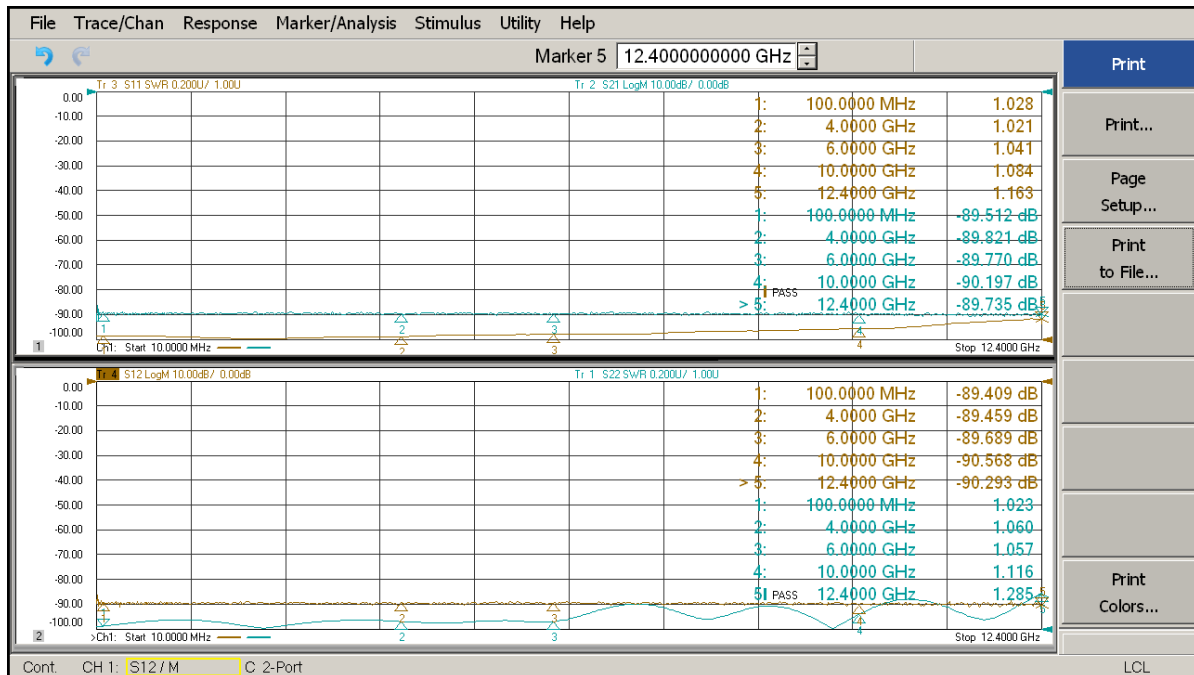
80dB



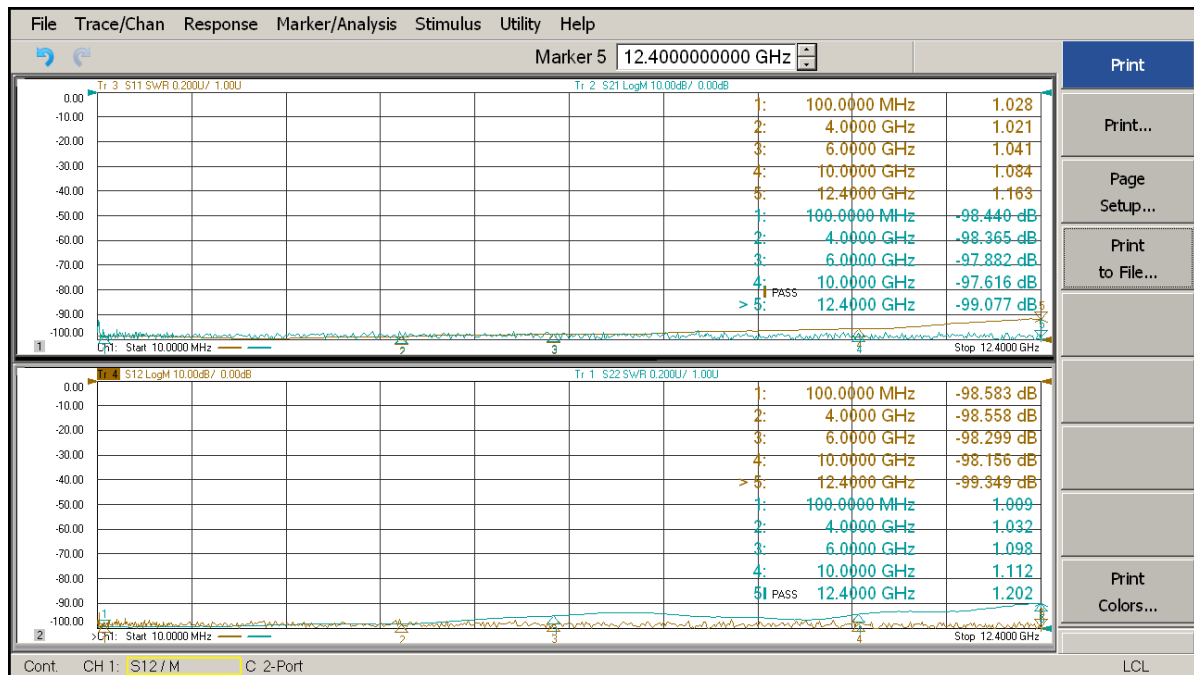
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90dB



99dB



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