

Product: High power dual directional Coupler

Part Number: LDC-2/18-30NS-400W



Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Frequency range	2		18	GHz
2	Nominal Coupling		30		dB
3	Coupling Accuracy			±1.0	dB
4	Coupling Sensitivity to Frequency			±0.7	dB
5	Insertion Loss			0.6	dB
6	Directivity	10			dB
7	VSWR			1.5	:1
8	Power			400	W
9	Operating Temperature Range	-40		+85	°C
10	Impedance	-	50	-	Ω
11	Appearance treatment	Nickel-plated			

**Remarks:**

1.Include Theoretical loss 0.004db 2.Power rating is for load vswr better than 1.20:1

Environmental Specifications	
Operational Temperature	-40°C~+85°C
Storage Temperature	-50°C~+95°C
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C, 95%RH at 40°C
Shock	20G for 11msec half sine wave,3 axis both directions
Mechanical Specifications	
Housing	Aluminum
Connector	Stainless steel
Female Contact:	gold plated beryllium brass
Rohs	compliant
Weight	0.2kg

Outline Drawing:

成都利德尔科技有限公司 ChengDu Leader Microwave Technology Co.,Ltd

电话: 028-65199117 传真: 028-65199116

<http://www.leadermicrowave.com> [sales@leader-mw.com](mailto:sales@leader-mw.com)

TEL: +86-28-65199117 FAX: +86-28-65199116

Add: 中国 成都市成华区华翰路 89 号 610000

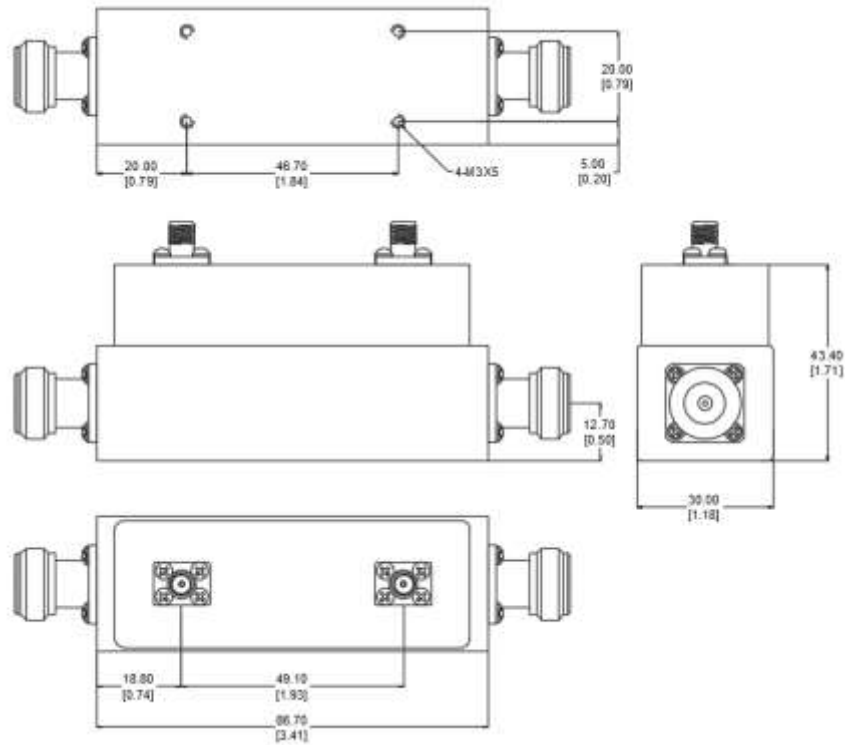
No.89,Huahan Road, chenghua Zone Chengdu, Sichuan China Zip Code:610000

All Dimensions in mm

Outline Tolerances  $\pm 0.5(0.02)$

Mounting Holes Tolerances  $\pm 0.2(0.008)$

All Connectors: IN&OUT N-F ,CU:SMA-Female



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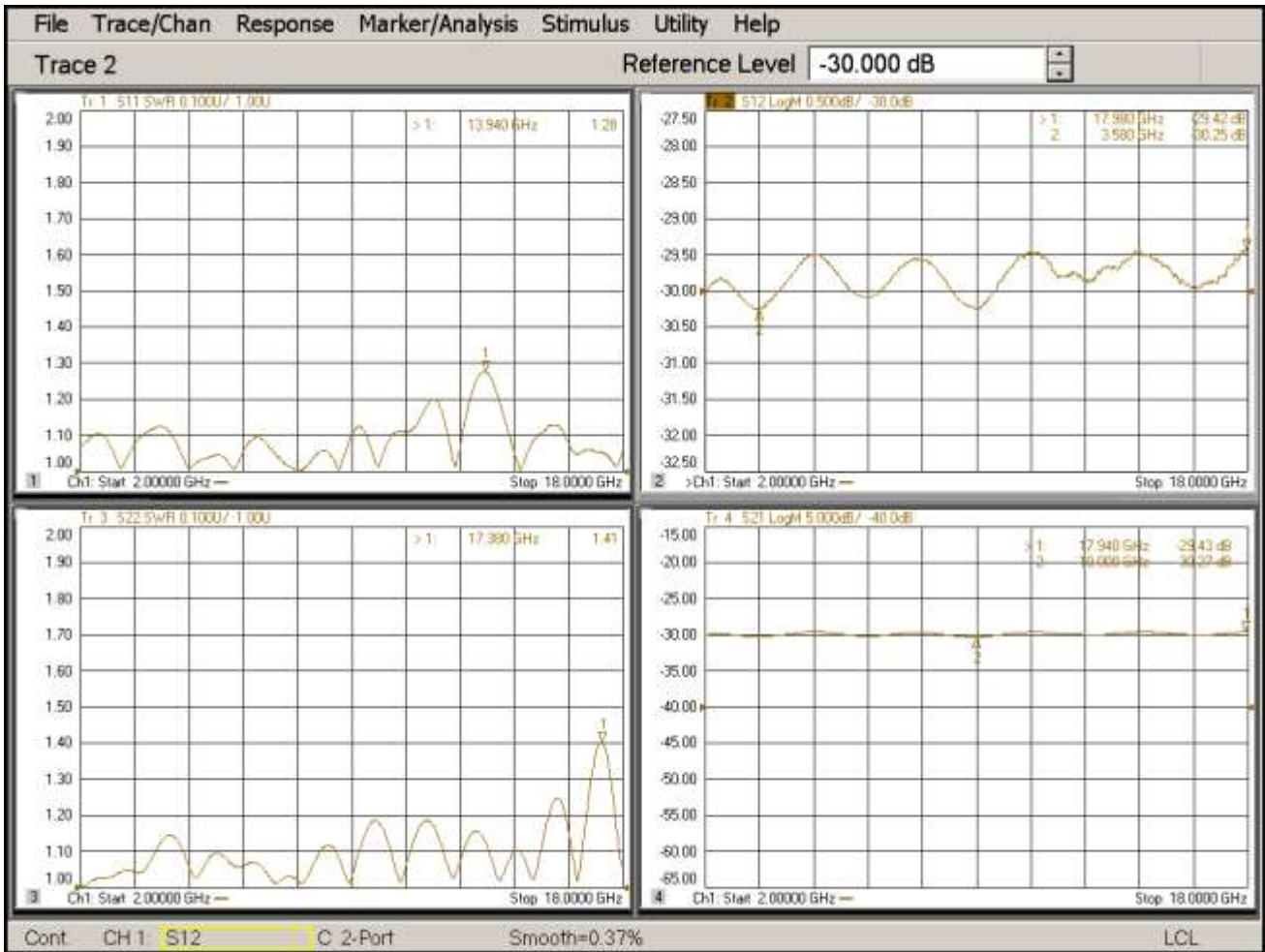
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TEST DATA



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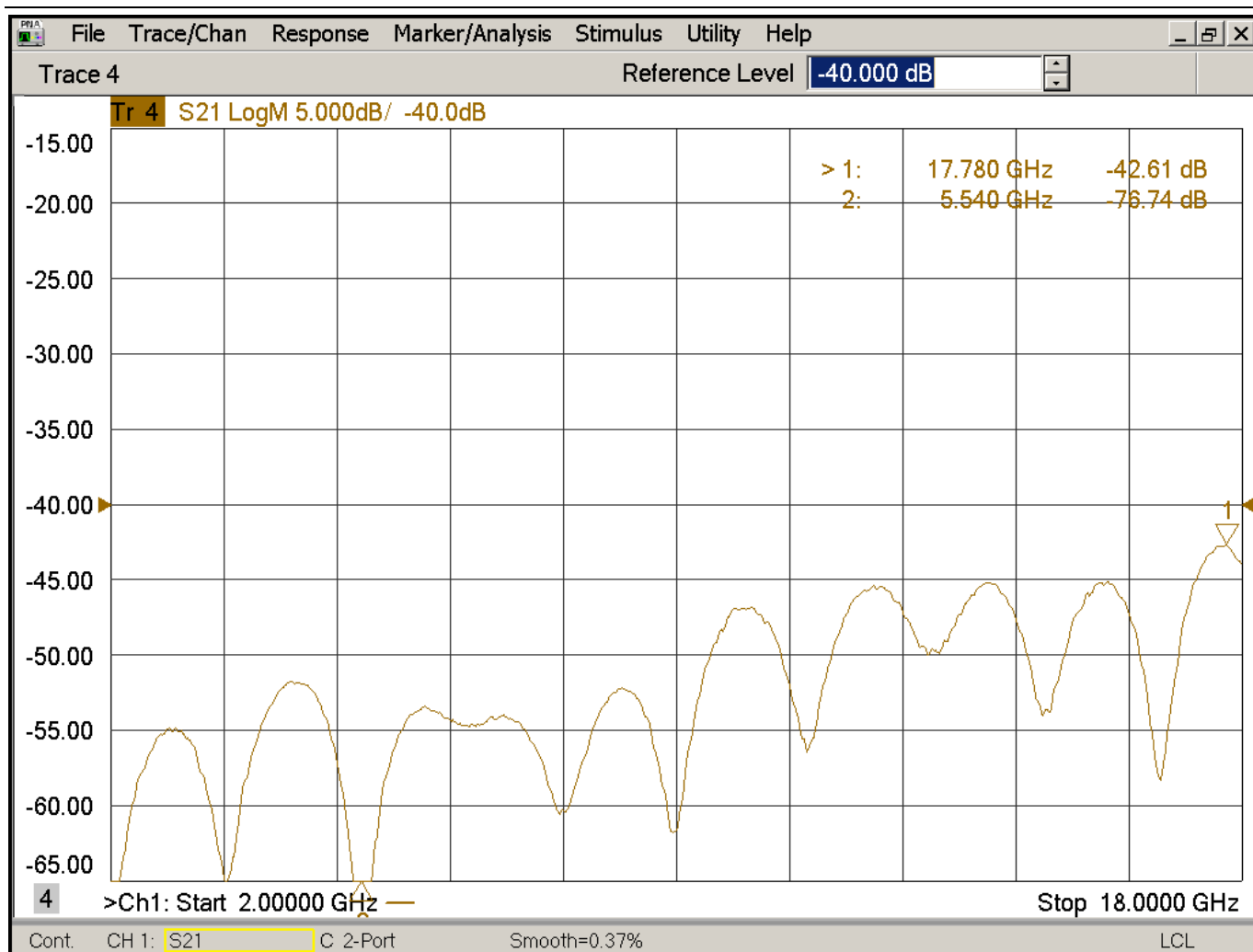
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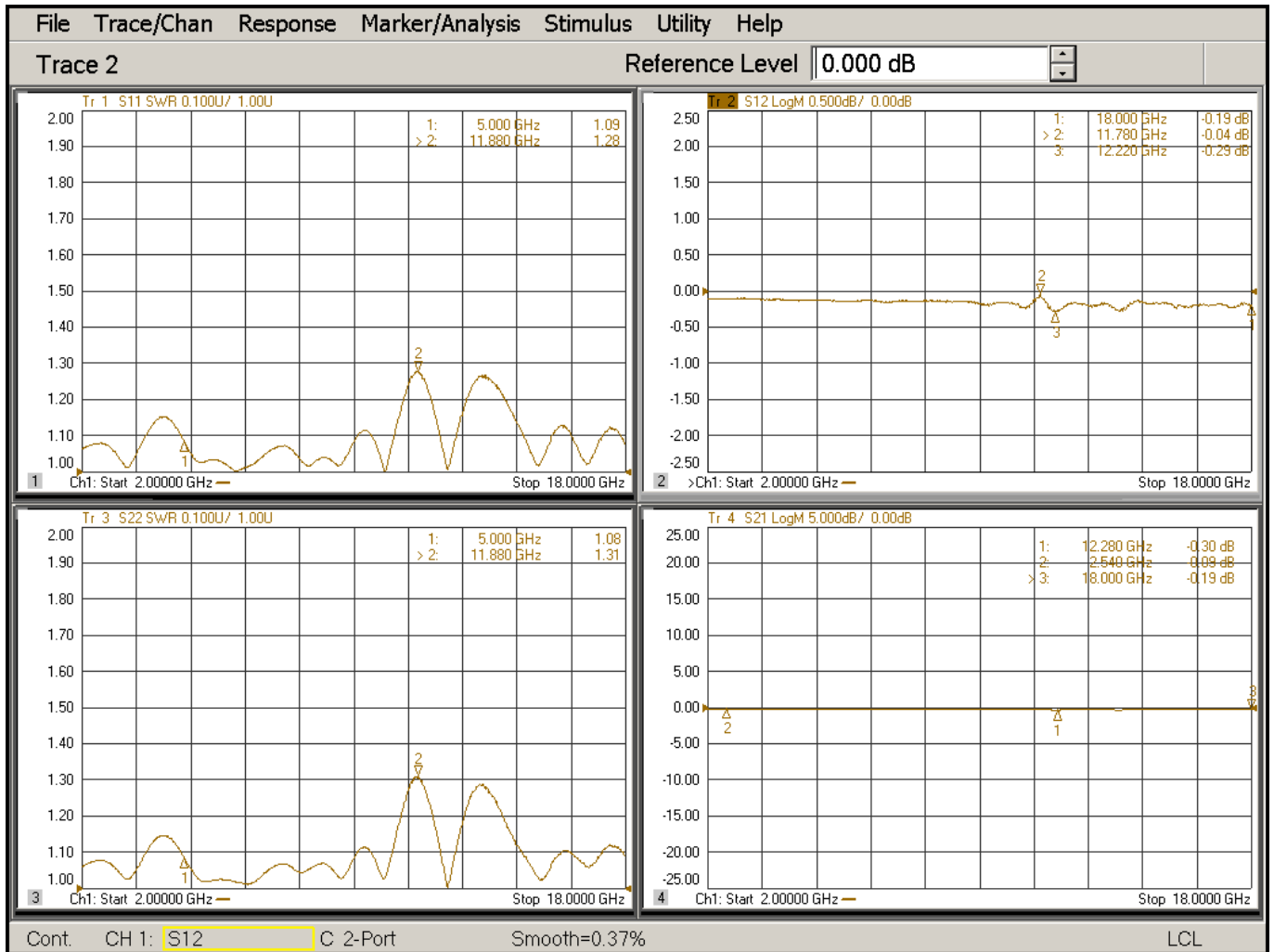
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