



**SUMMARY TEST DATA
ON
APD-8-3D13D5-40W-SFF**

PL19243/1623

Customer: _____ Tested By: Jerry N.
SO No: _____ Temperature: +25°C
Model No: APD-8-3D13D5-40W-SFF Date: 05/23/2016
Serial No: PL19243/1623 Drawing No: 27626081 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	3.1 TO 3.5 GHz	3.1 TO 3.5 GHz	
2	Insertion Loss	≤0.6 dB	0.55dB (See Plot)	
3	Isolation	≥23 dB	25.1dB (See Plot)	
4	VSWR	INPUT ≤1.30:1 OUTPUT ≤1.20:1	INPUT 1.24 :1 OUTPUT 1.16 :1 (See Plot)	
5	Amplitude Balance	≤ ±0.2 dB	±0.09dB (See Plot)	
6	Phase Balance	≤ ±2°	1.3° (See Plot)	
7	Power Handling	Forward ≤40 W Reverse ≤1 W	40W 1W	
8	Impedance	50 Ω	50 Ω	

Note: Amplitude & phase balance relative to J1 Port

QA/QC Approval: _____ Date: _____

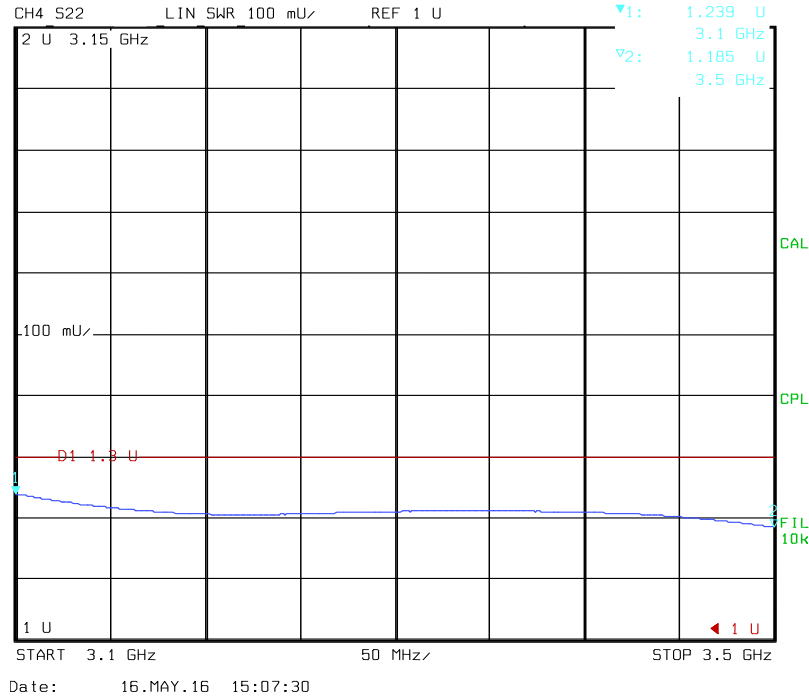
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com



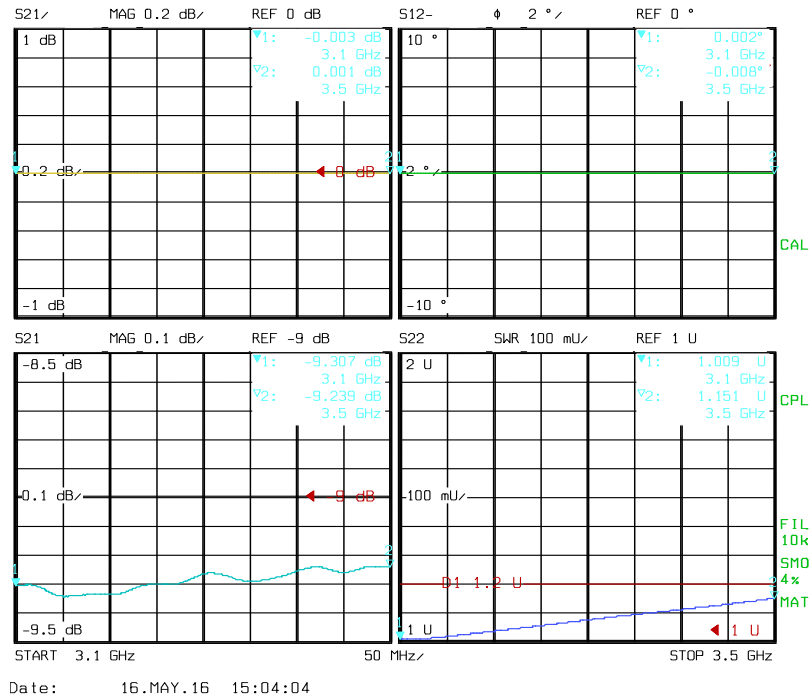
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J0 Input VSWR



J0 to J1 Amplitude Balance, Insertion Loss, Phase balance, J1 VSWR

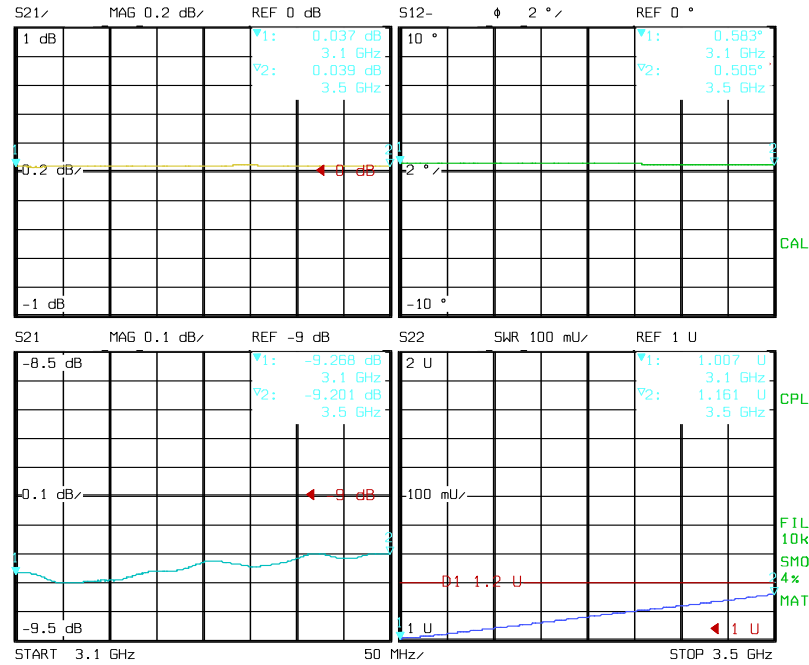




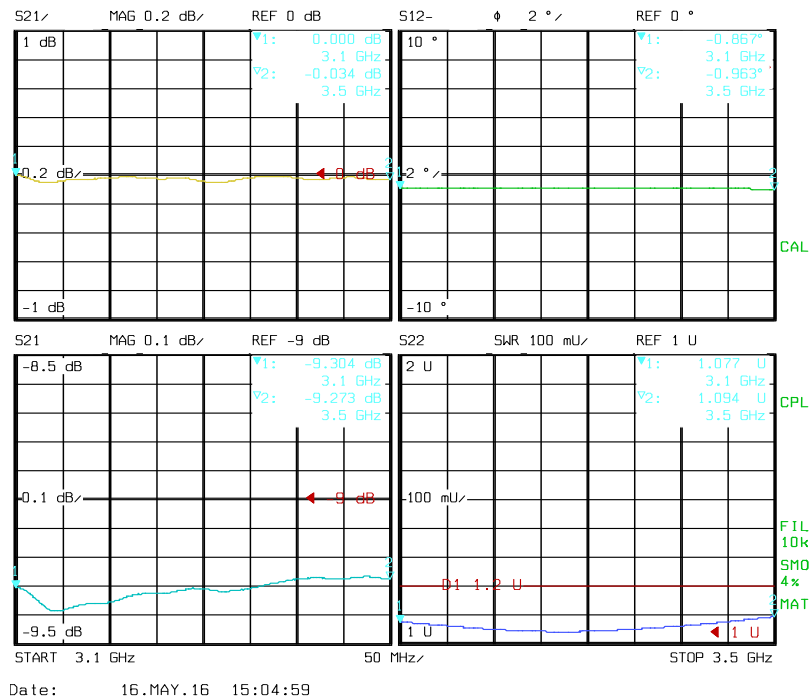
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J0 to J2 Amplitude Balance, Insertion Loss, Phase balance, J2 VSWR



J0 to J3 Amplitude Balance, Insertion Loss, Phase balance, J3 VSWR

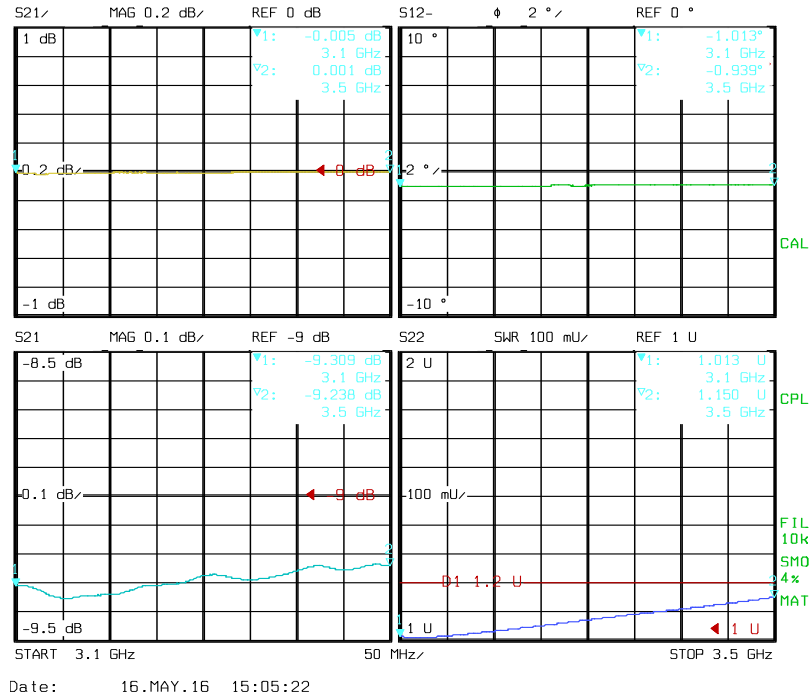




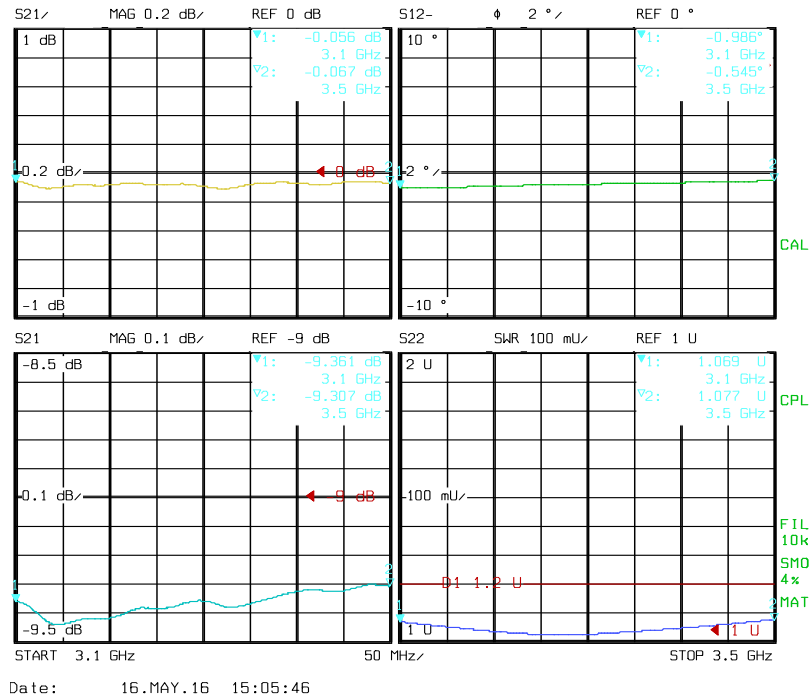
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J0 to J4 Amplitude Balance, Insertion Loss, Phase balance, J4 VSWR



J0 to J5 Amplitude Balance, Insertion Loss, Phase balance, J5 VSWR

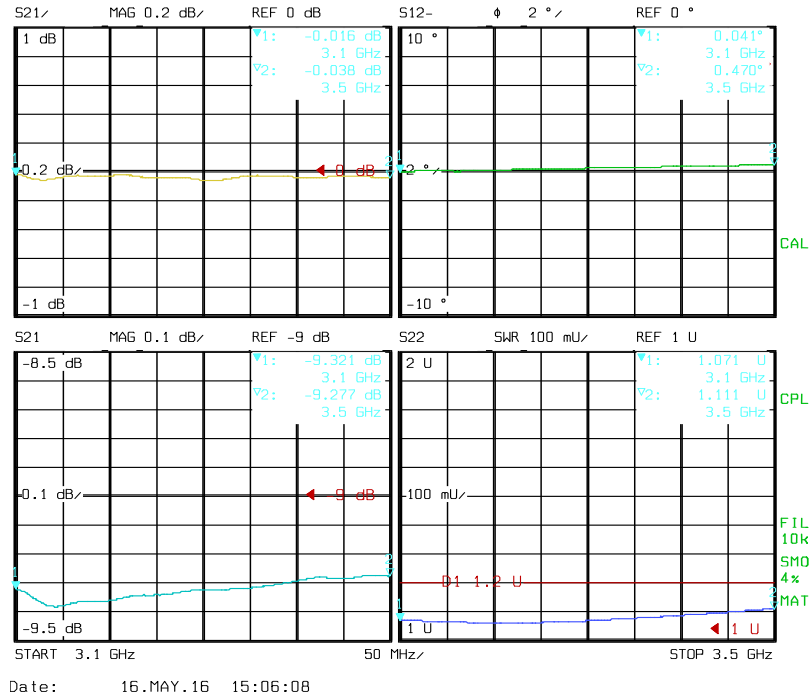




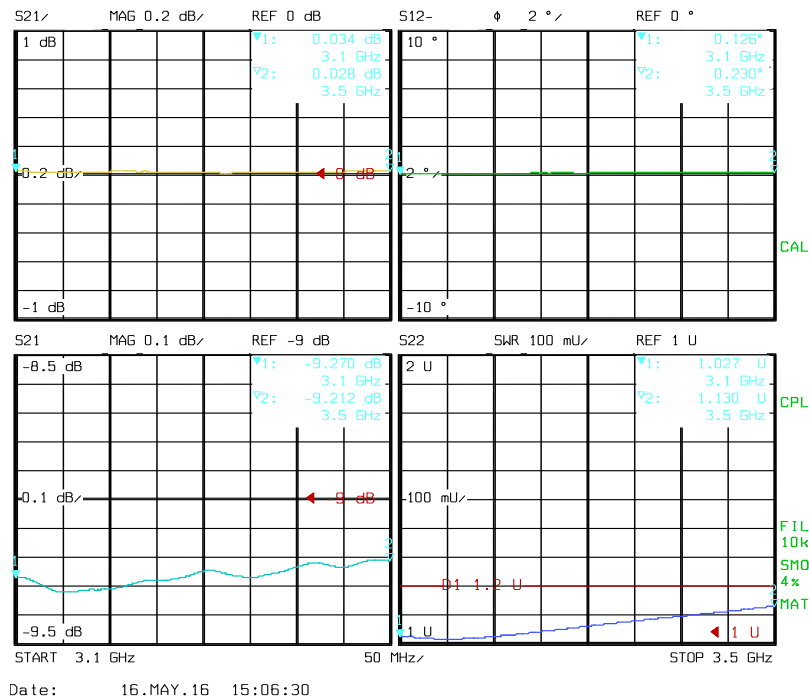
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J0 to J6 Amplitude Balance, Insertion Loss, Phase balance, J6 VSWR



J0 to J7 Amplitude Balance, Insertion Loss, Phase balance, J7 VSWR



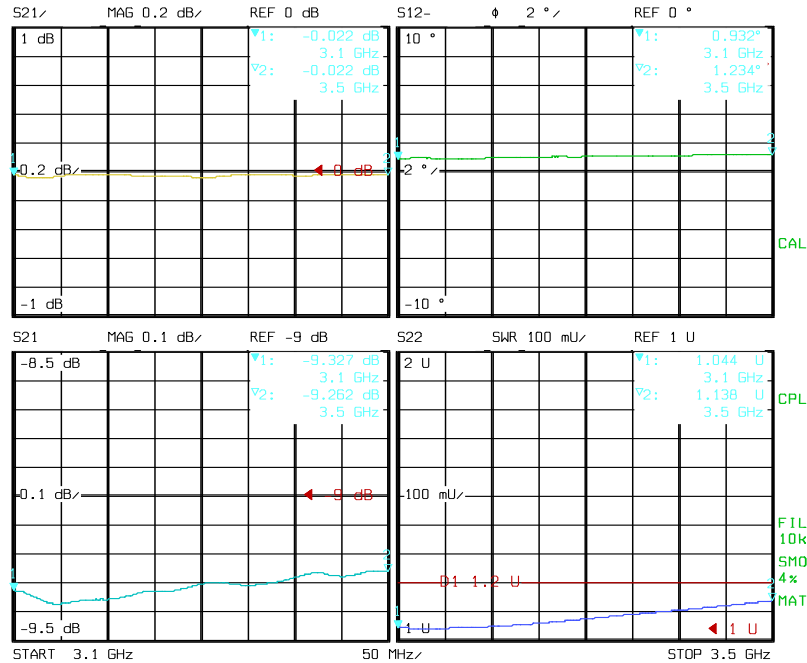
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
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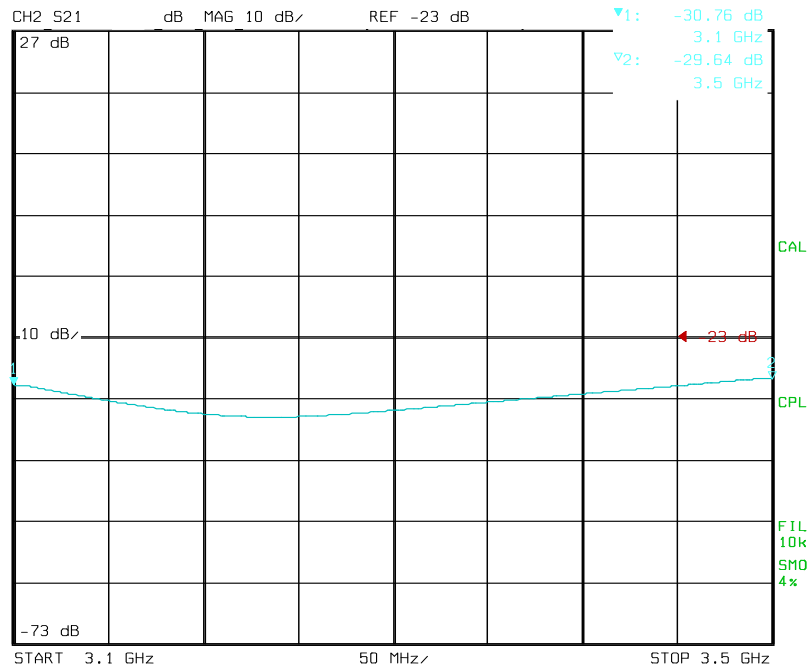
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J0 to J8 Amplitude Balance, Insertion Loss, Phase balance, J8 VSWR



J1- J2 Isolation

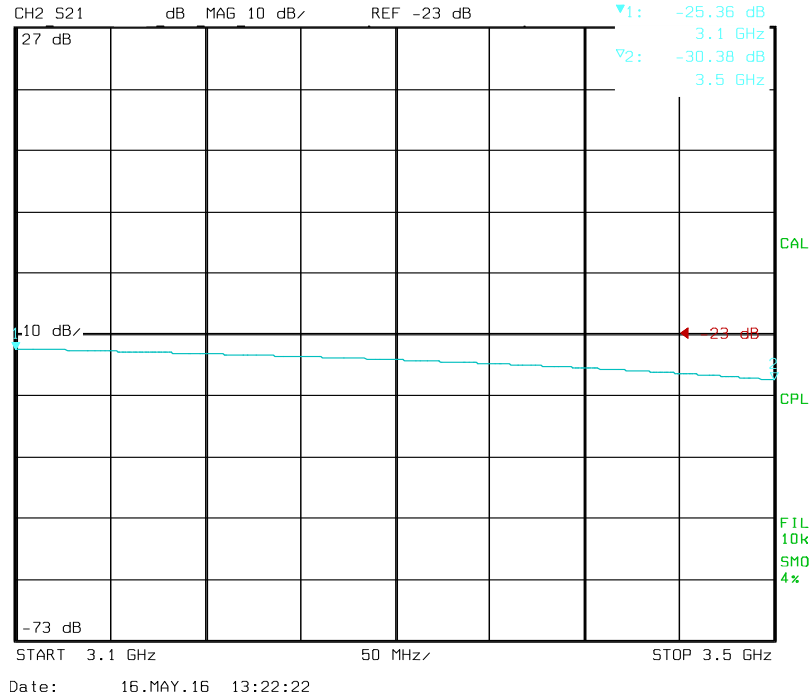




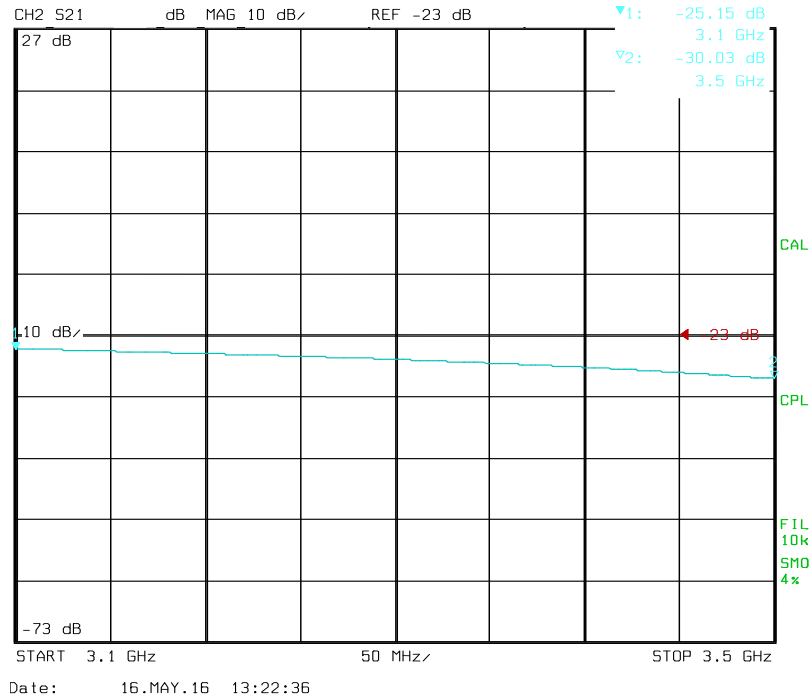
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J1- J3 Isolation



J1- J4 Isolation

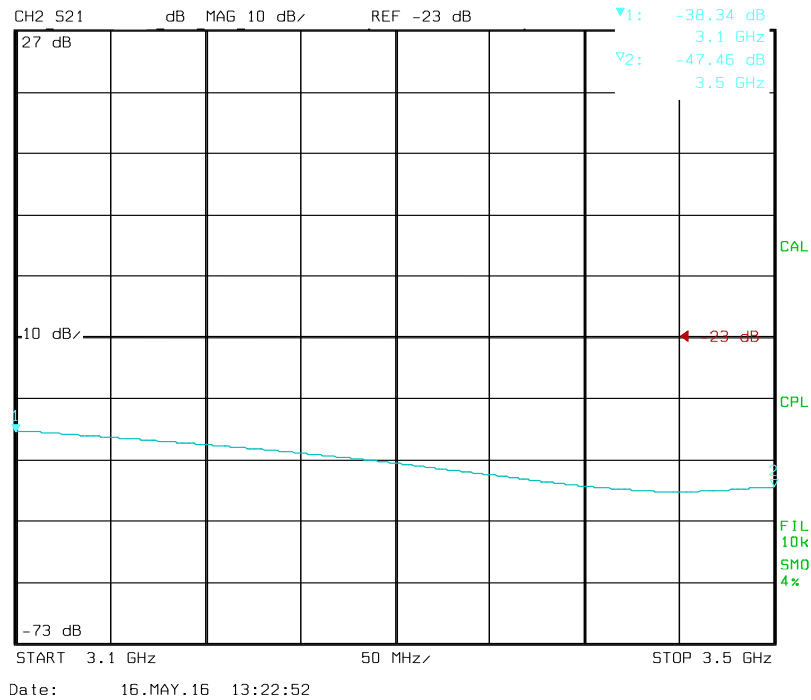




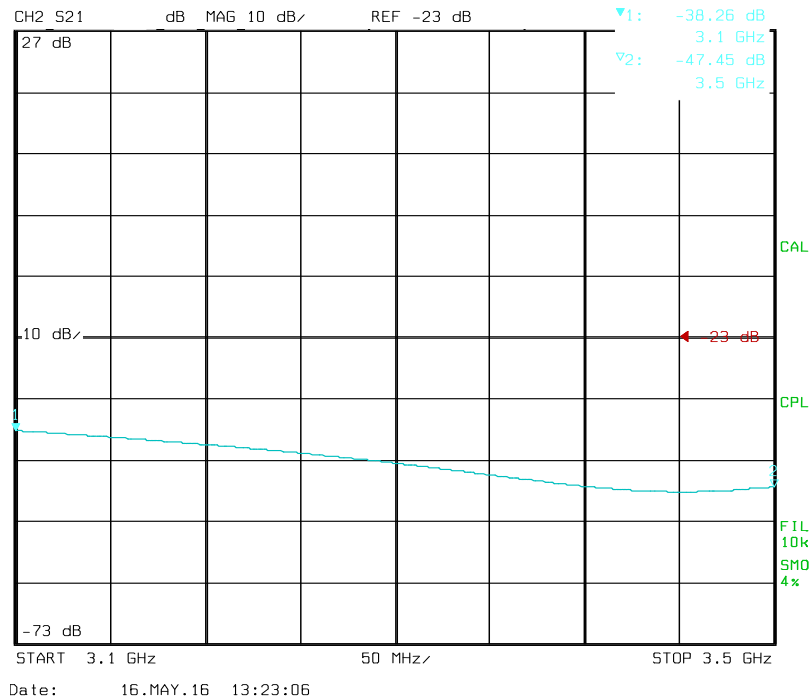
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J1- J5 Isolation



J1- J6 Isolation

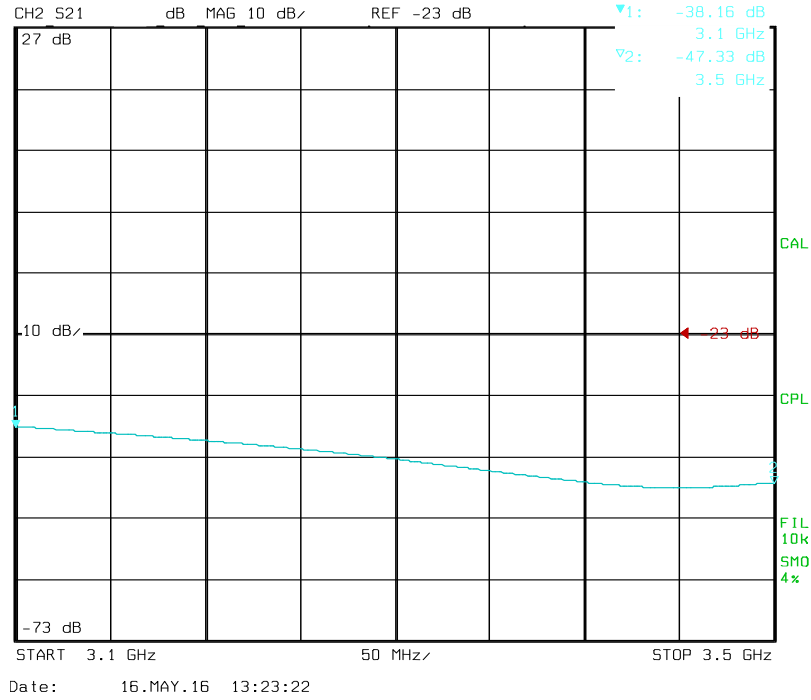




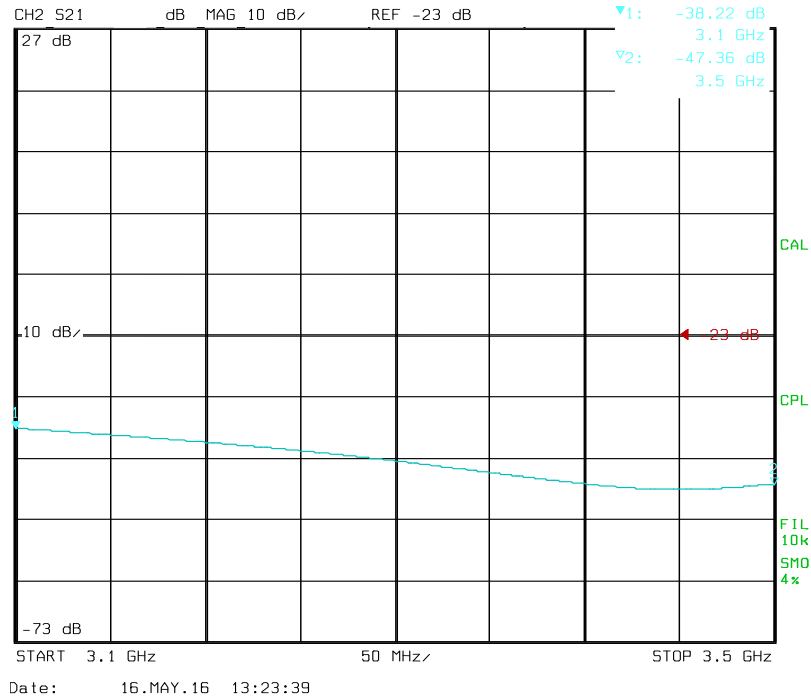
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J1- J7 Isolation



J1- J8 Isolation

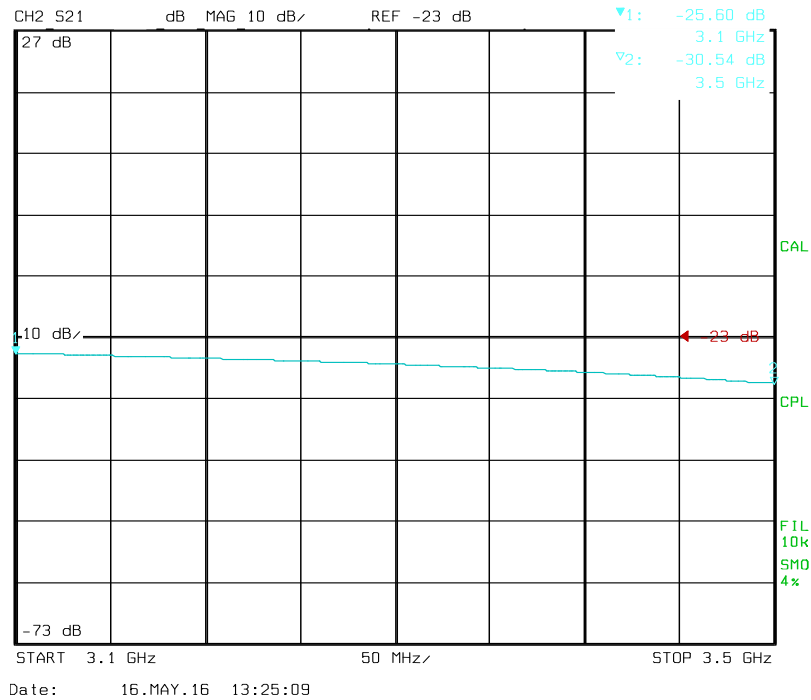




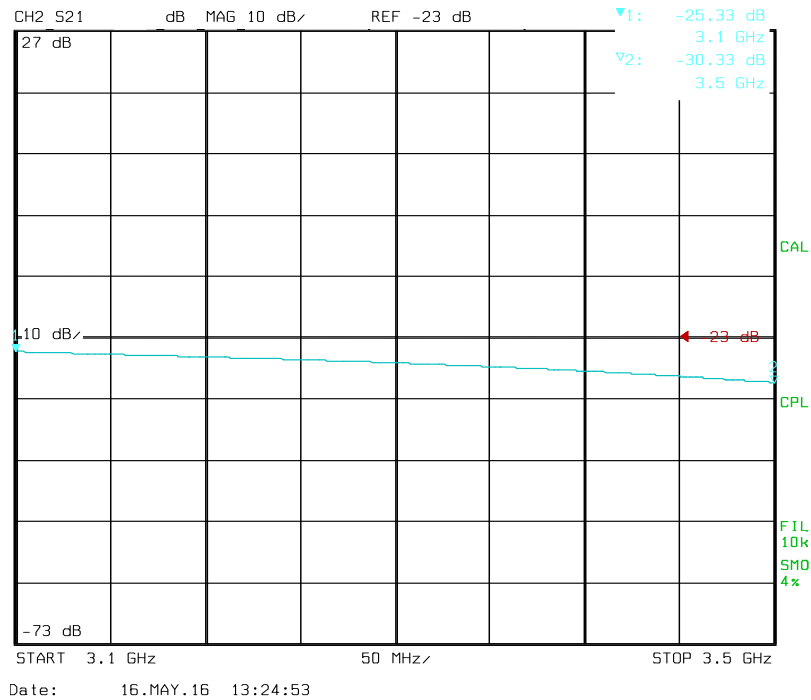
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J2- J3 Isolation



J2- J4 Isolation

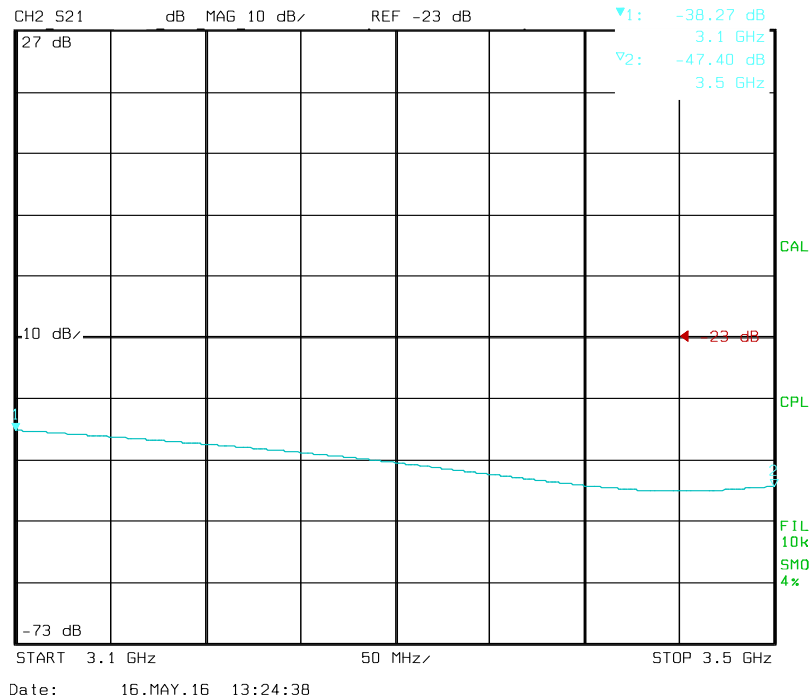




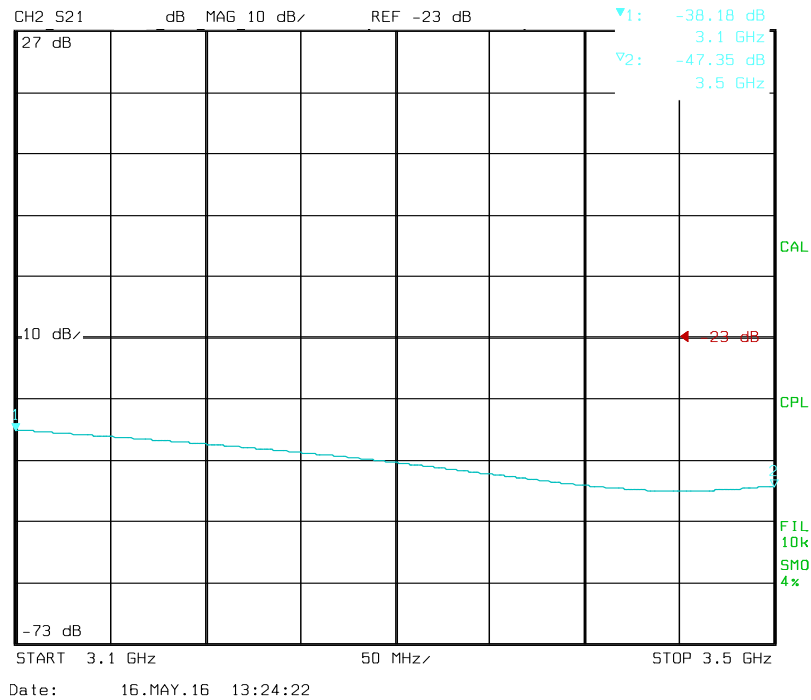
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J2- J5 Isolation



J2- J6 Isolation

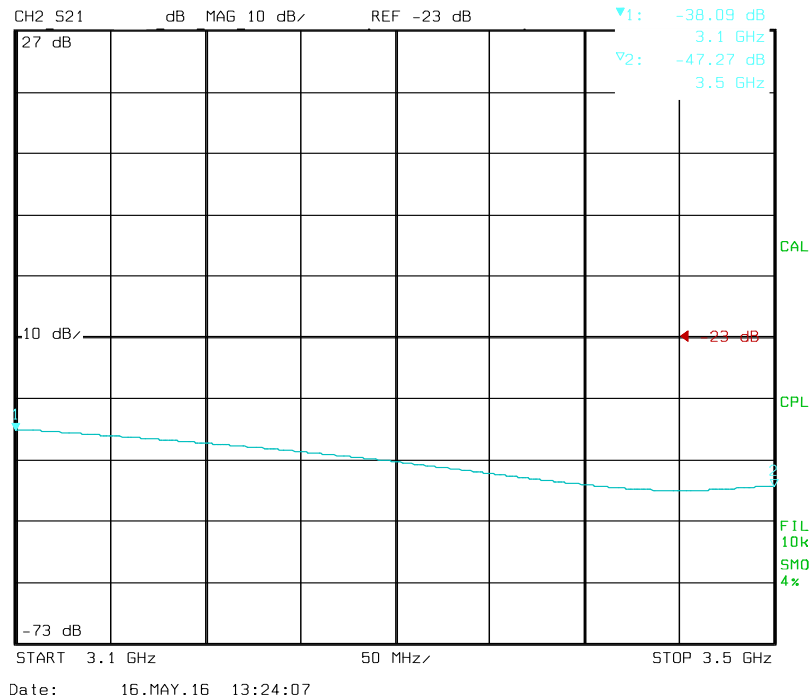




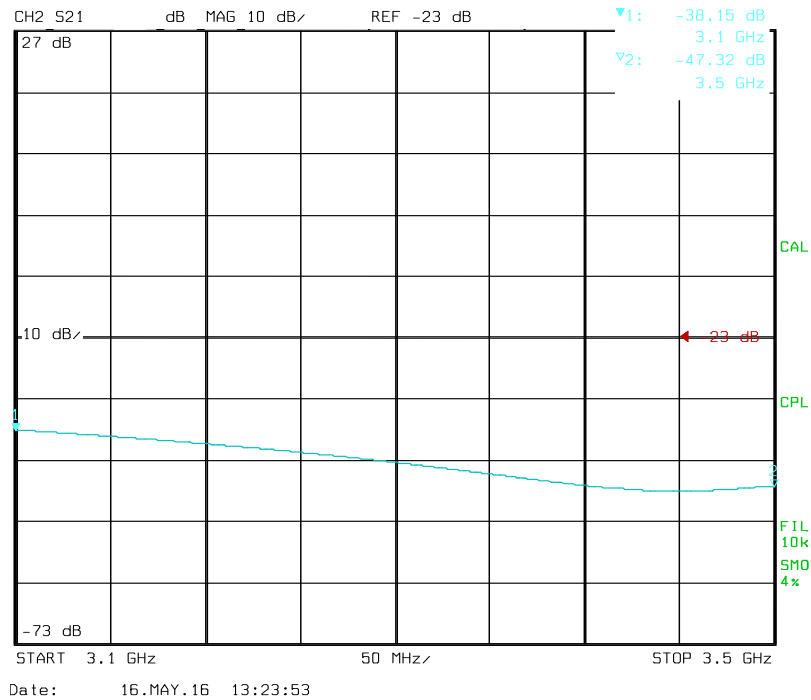
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J2- J7 Isolation



J2- J8 Isolation

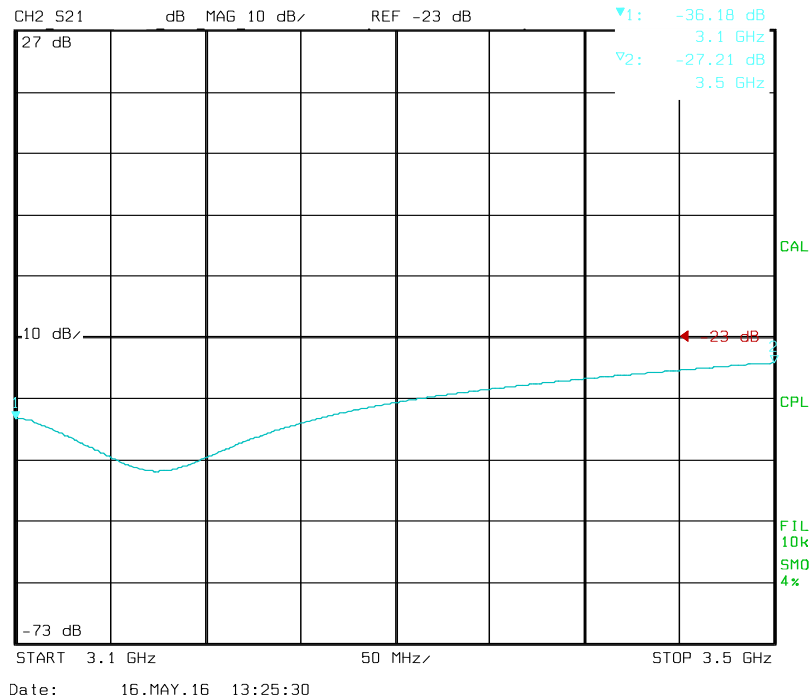




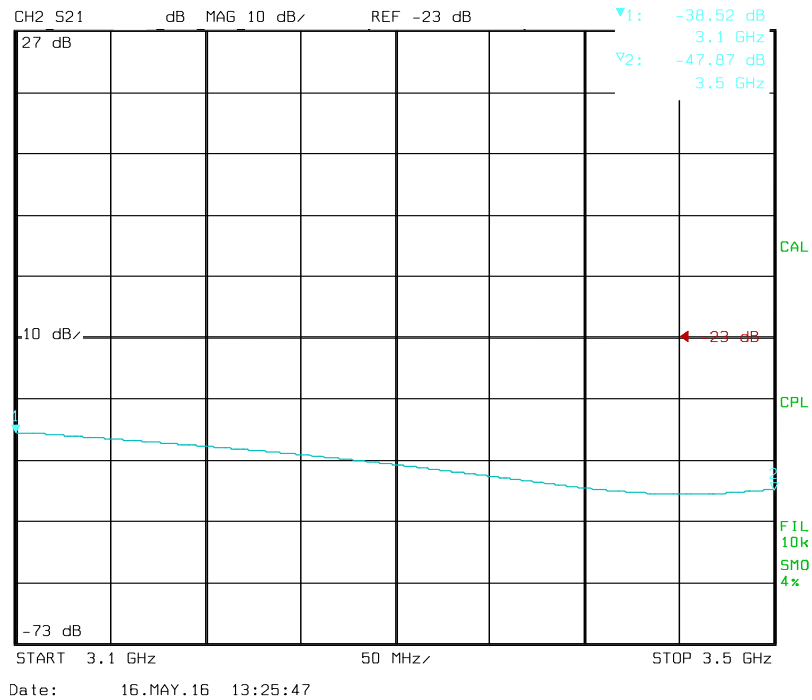
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J3- J4 Isolation



J3- J5 Isolation

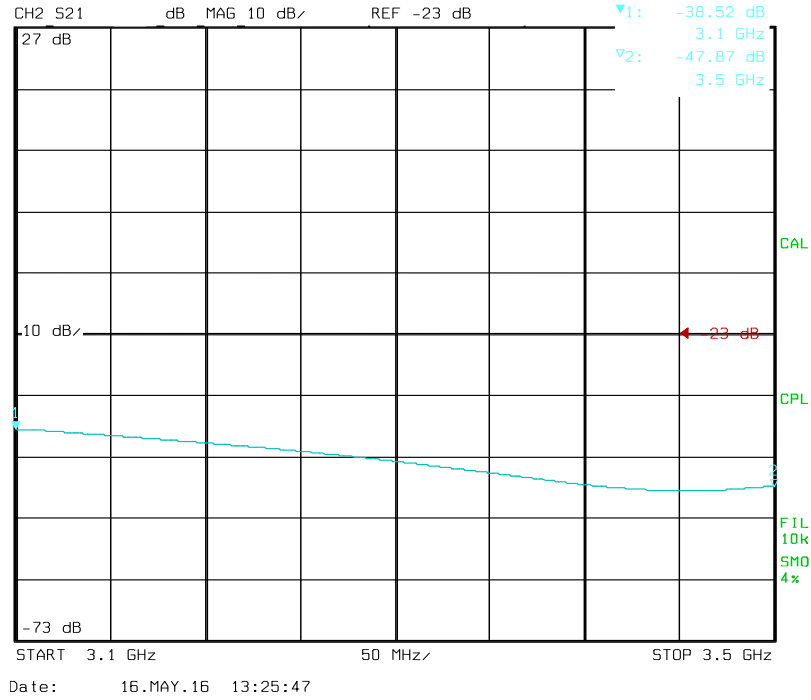




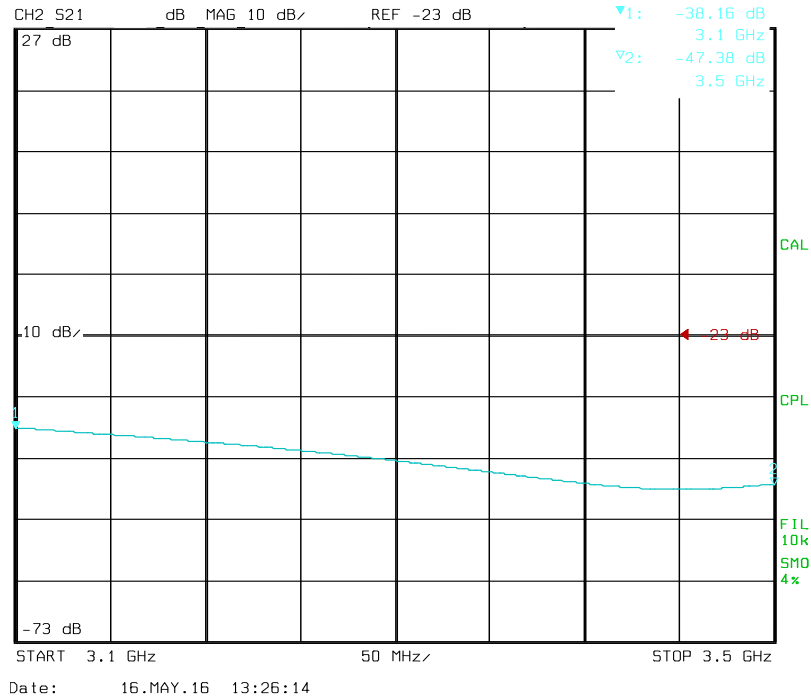
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J3- J6 Isolation



J3- J7 Isolation

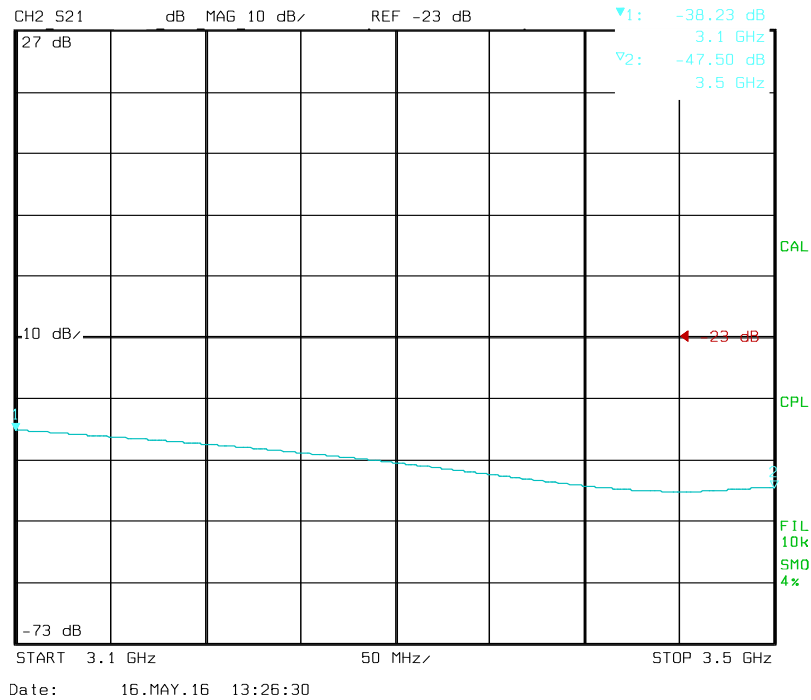




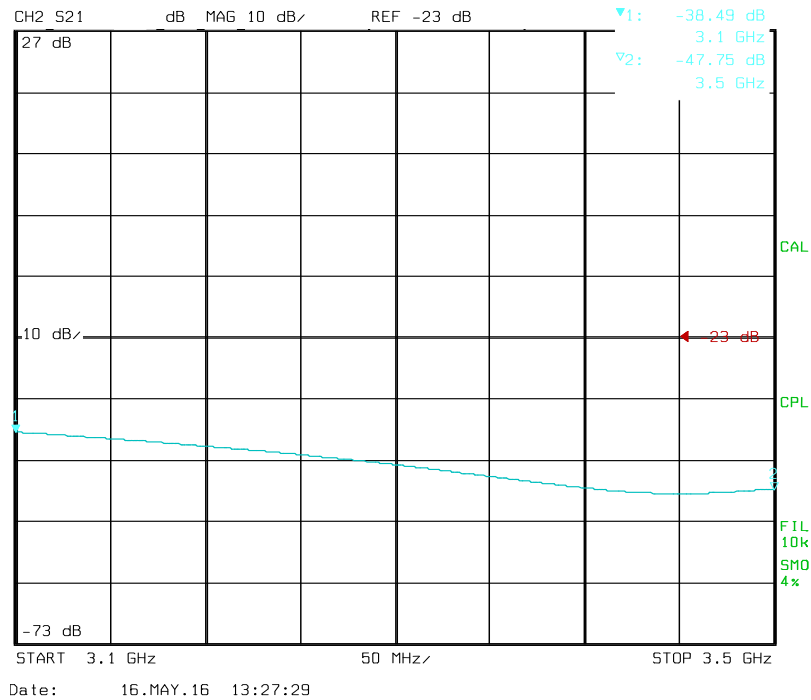
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J3- J8 Isolation



J4- J5 Isolation

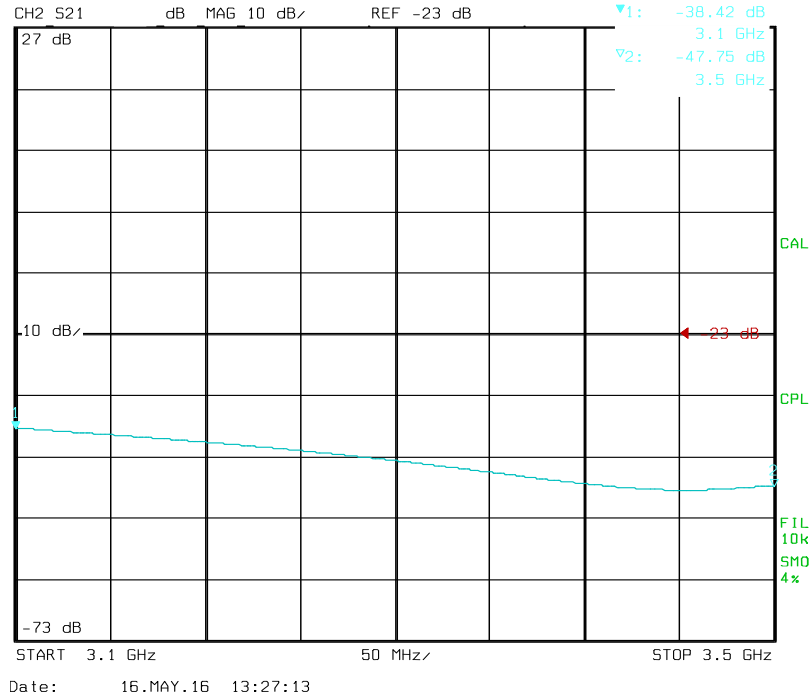




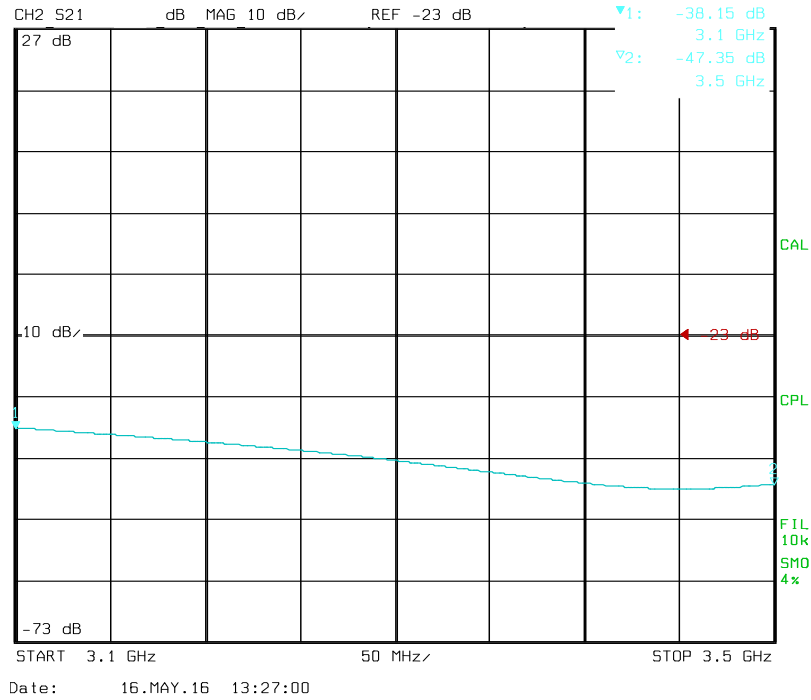
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J4- J6 Isolation



J4- J7 Isolation

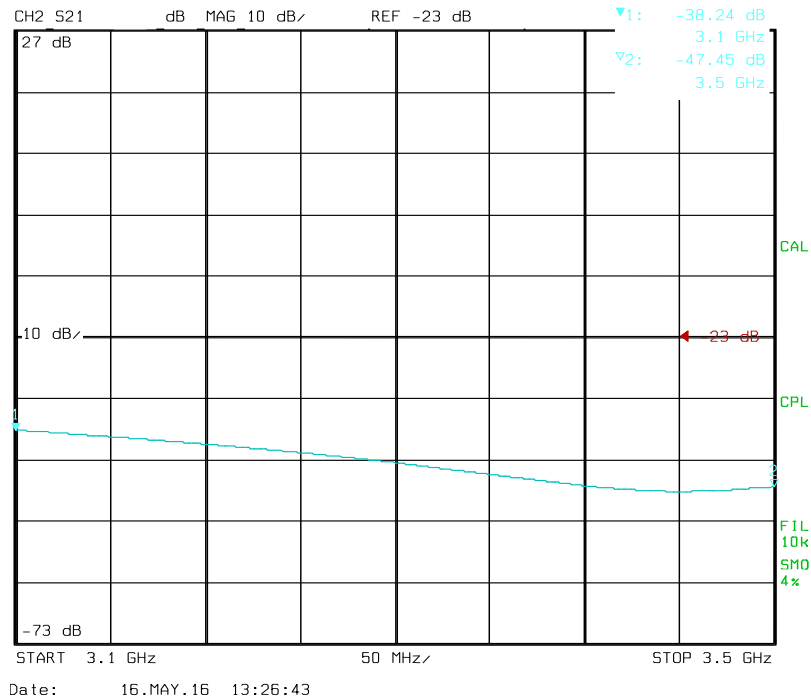




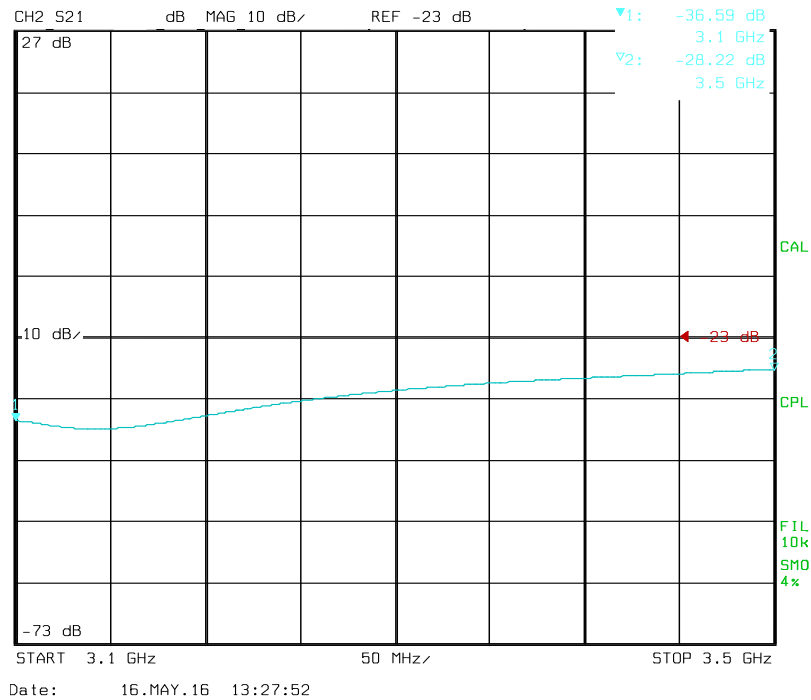
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J4- J8 Isolation



J5- J6 Isolation

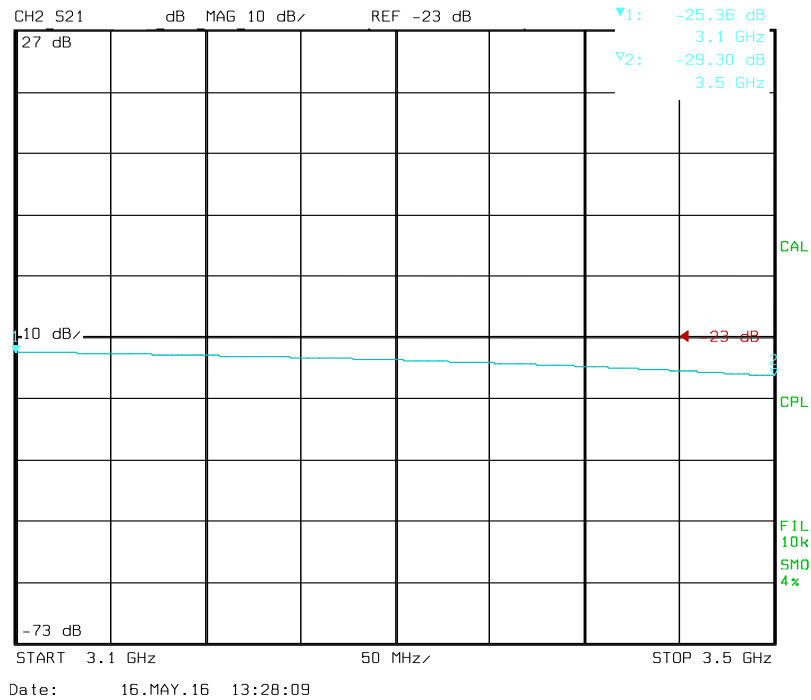




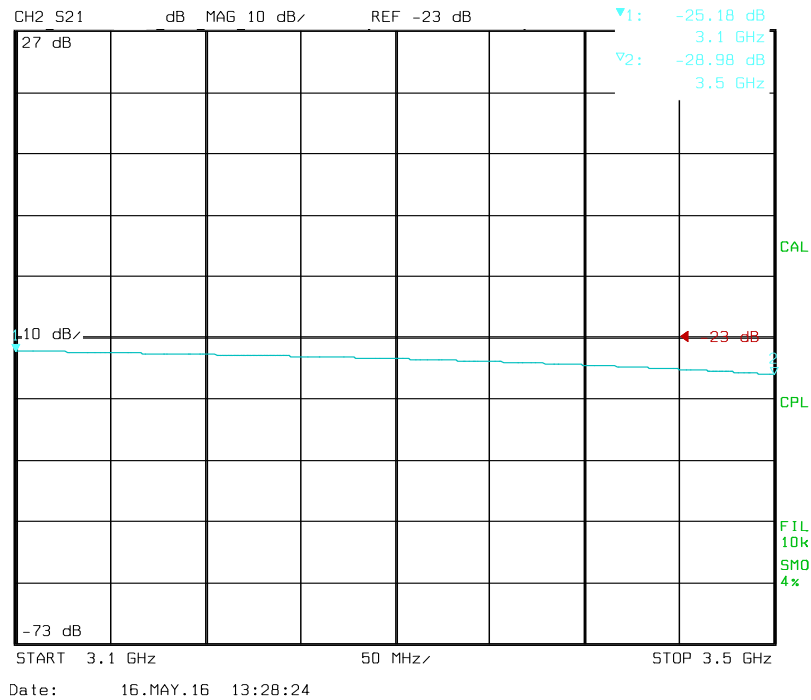
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J5- J7 Isolation



J5- J8 Isolation

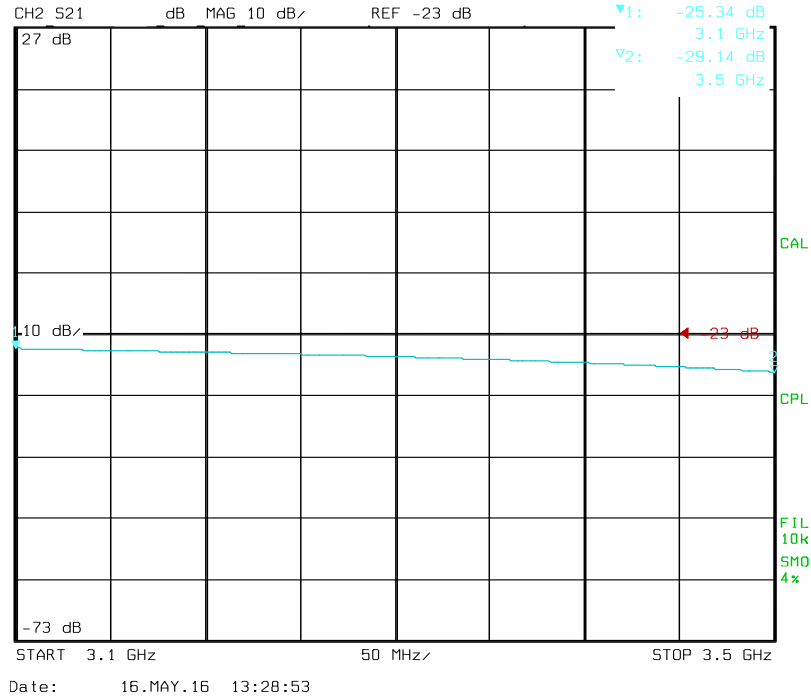




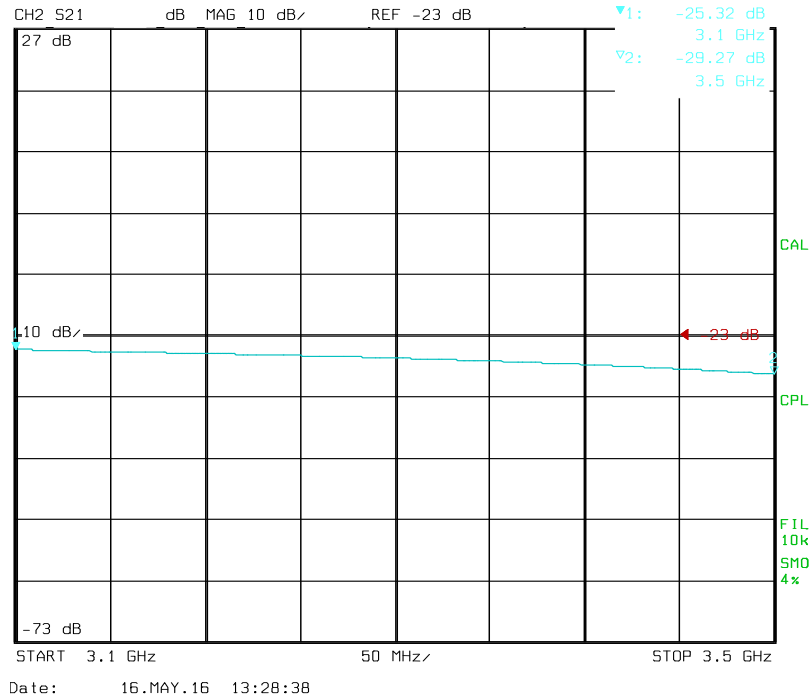
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J6- J7 Isolation



J6- J8 Isolation





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J7- J8 Isolation

