



**SUMMARY TEST DATA  
ON  
PEC4-16-8G18G-4R7-18-15-SFF**

PL28629/2016

Customer:	_____	Tested By:	J. Mattsson-Boze	
SO No:	_____	Temperature:	+25°C	
Model No:	PEC4-16-8G18G-4R7-18-15-SFF	Date:	04/16/20	
Serial No:	PL28629/2016	Drawing No:	27628813	Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	8.0 to 18.0 GHz	8.0 to 18.0 GHz	CB 4-24	
2	Gain:	13 dB Min, 16 dB Max	15.8 dB Max 14.0 dB Min (See Plot)		
3	Gain Flatness:	±1.50 dB Max	±0.92 dB (See Plot)		
4	Noise Figure:	4.7 dB Max	4.5 dB (See Plot)		
5	OP1dB:	+18 dBm Typ.	+21.1 dBm (See Plot)		
6	VSWR Input:	1.67:1 Max	1.58:1 (See Plot)		
7	VSWR Output:	2.25:1 Max	1.48:1 (See Plot)		
8	Maximum Input:	+30 dBm CW	Pass		↓
9	DC Supply:	+12.5 to +28 VDC @ 250 mA Typ.	200 mA		CB 4-24

QA/QC Approval: Arthur Zimmerman Date: 4-24-2020

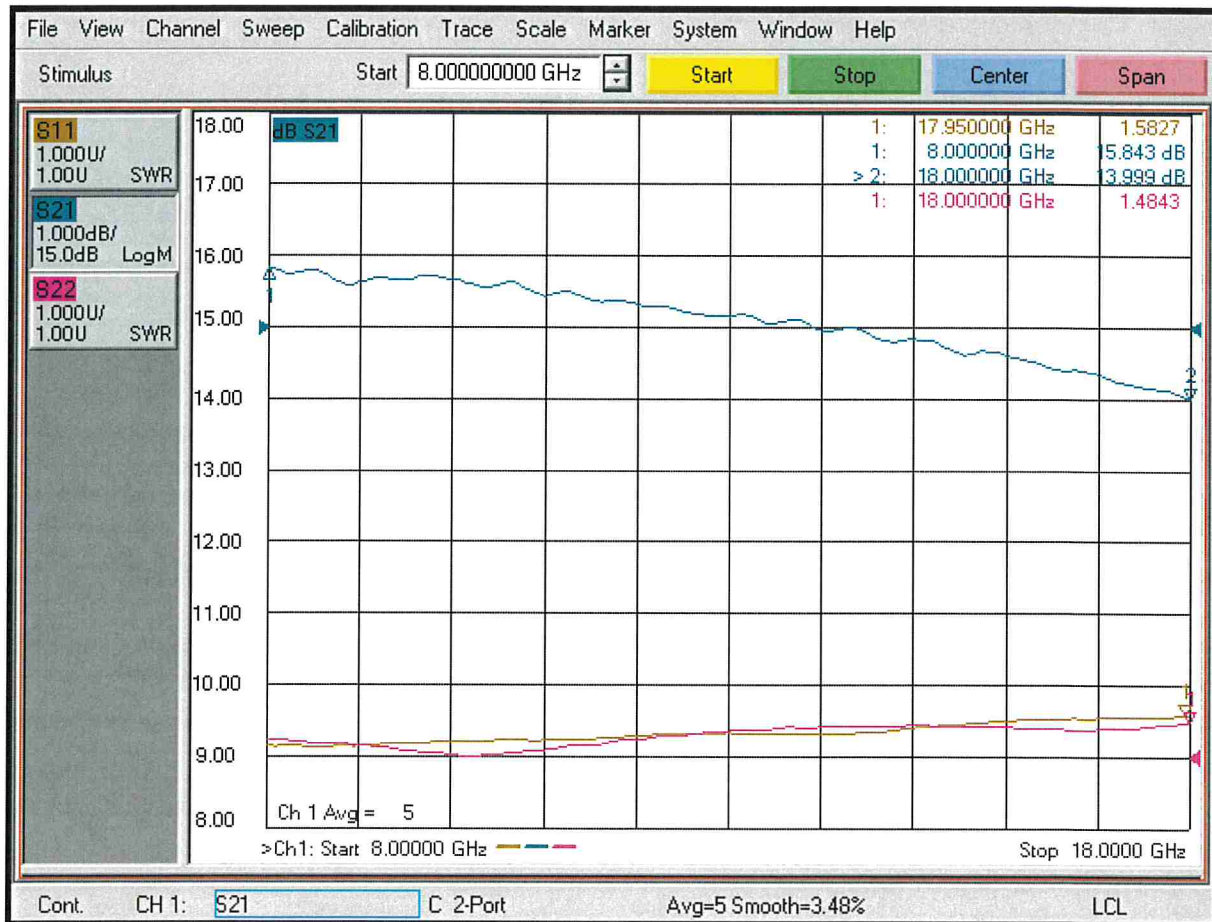
4921 Robert J. Mathews Parkway, Suite 1, El Dorado Hills, CA, 95762  
Phone: (916) 542-1401 Fax: (916) 265-2597  
Email: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)



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Gain and VSWR Plot



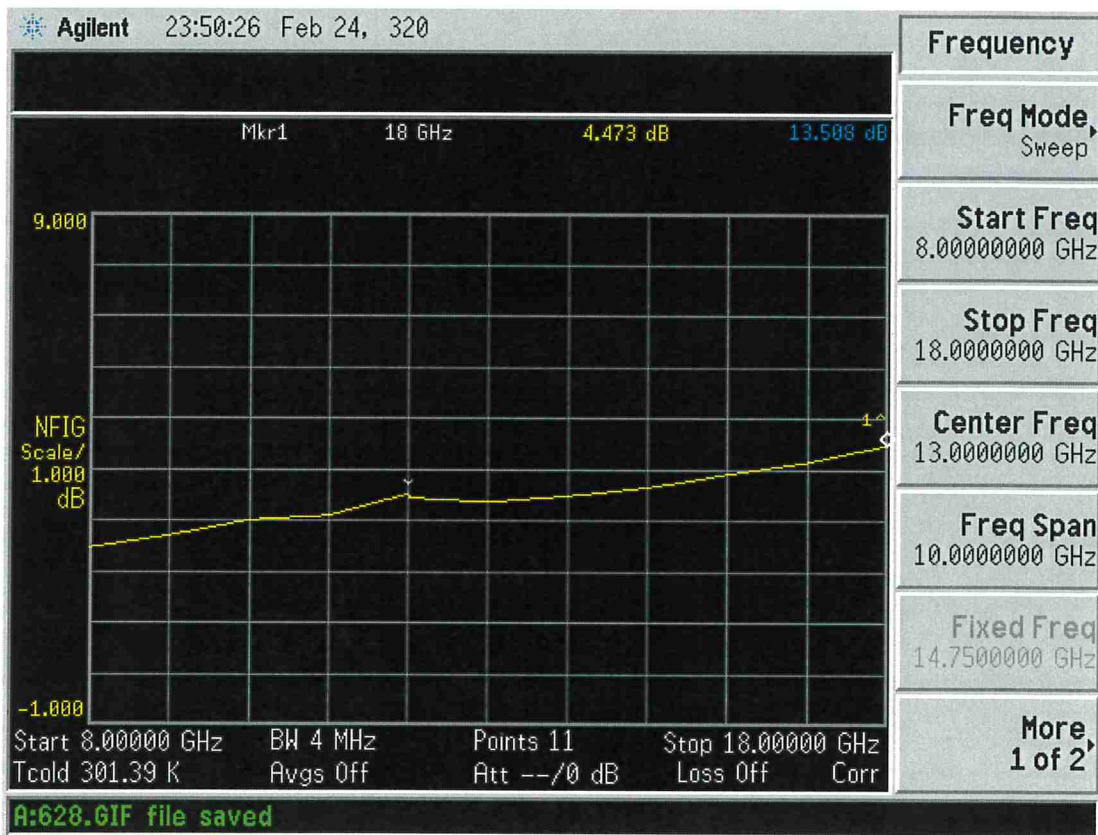
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Noise Figure Plot



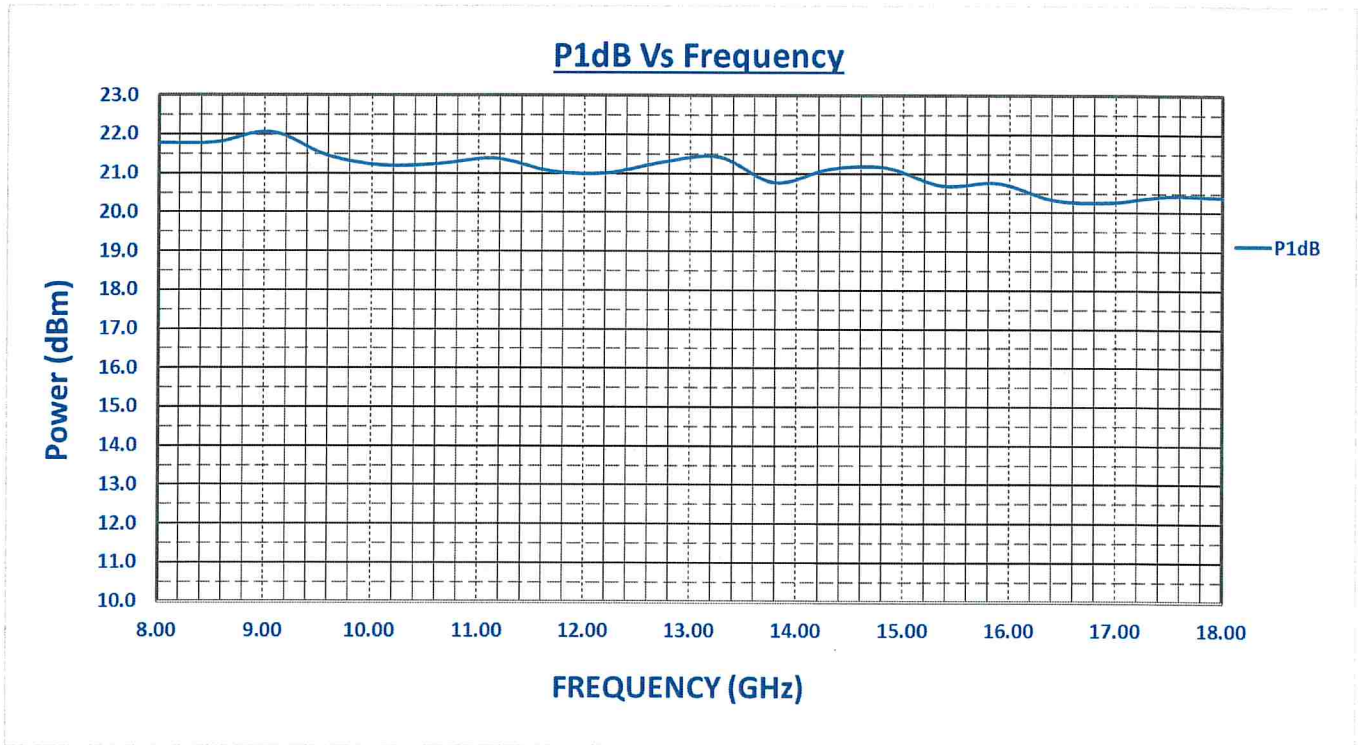
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OP1dB Plot



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