



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

PL28630/2016

Customer:	_____	Tested By:	<u>J. Mattsson-Boze</u>
SO No:	_____	Temperature:	<u>+25°C</u>
Model No:	<u>PEC4-16-8G18G-4R7-18-15-SFF</u>	Date:	<u>04/16/20</u>
Serial No:	<u>PL28630/2016</u>	Drawing No:	<u>27628813</u> Rev: <u>A1</u>

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	ag 4-24	
2	Gain:	13 dB Min, 16 dB Max	15.7 dB Max 13.9 dB Min (See Plot)	↓	
3	Gain Flatness:	±1.50 dB Max	±0.85 dB (See Plot)		
4	Noise Figure:	4.7 dB Max	4.6 dB (See Plot)		
5	OP1dB:	+18 dBm Typ.	+21.4 dBm (See Plot)		
6	VSWR Input:	1.67:1 Max	1.39:1 (See Plot)		
7	VSWR Output:	2.25:1 Max	1.51:1 (See Plot)		
8	Maximum Input:	+30 dBm CW	Pass		
9	DC Supply:	+12.5 to +28 VDC @ 250 mA Typ.	210 mA		ob 4-24

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

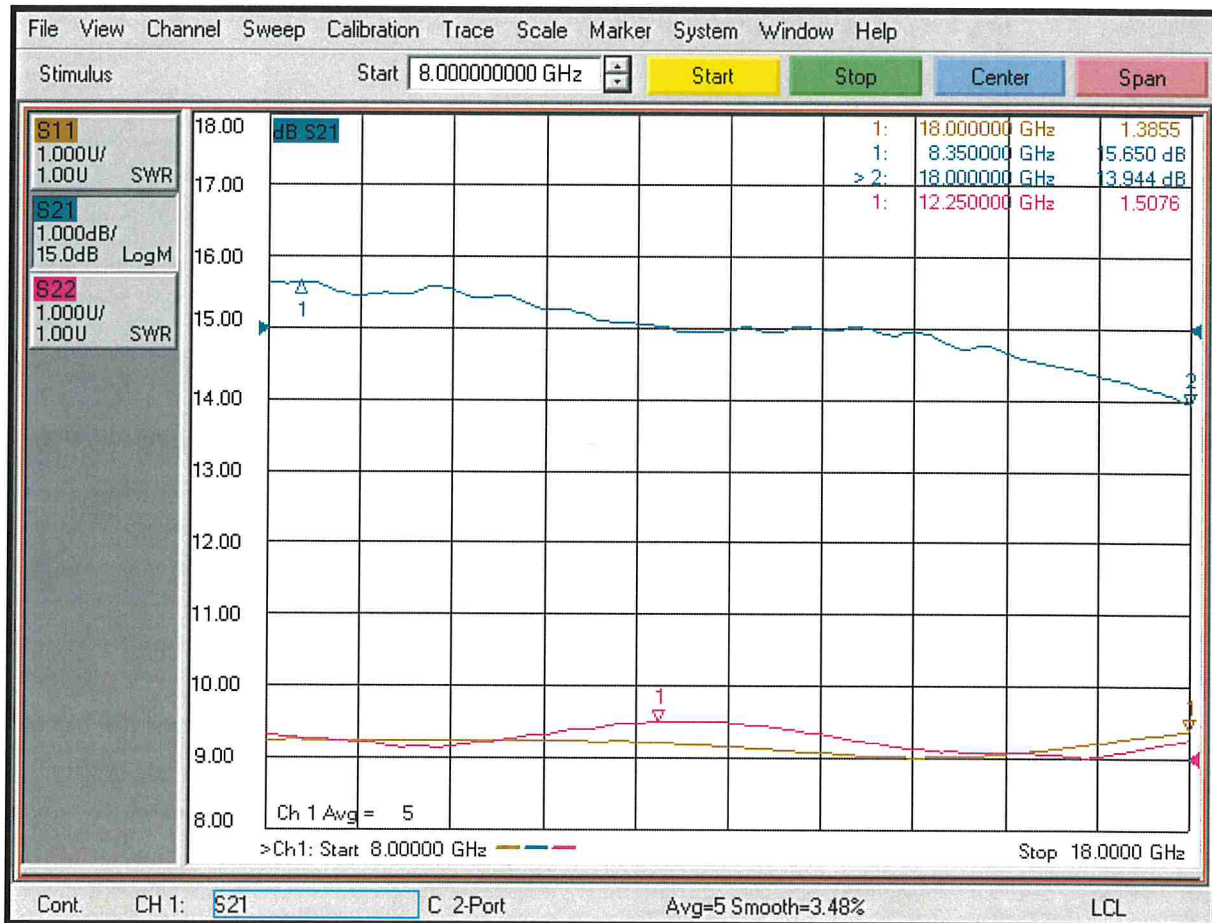
4921 Robert J. Mathews Parkway, Suite 1, El Dorado Hills, CA, 95762 Phone: (916) 542-1401 Fax: (916) 265-2597 Email: sales@pmi-rf.com



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Gain and VSWR Plot



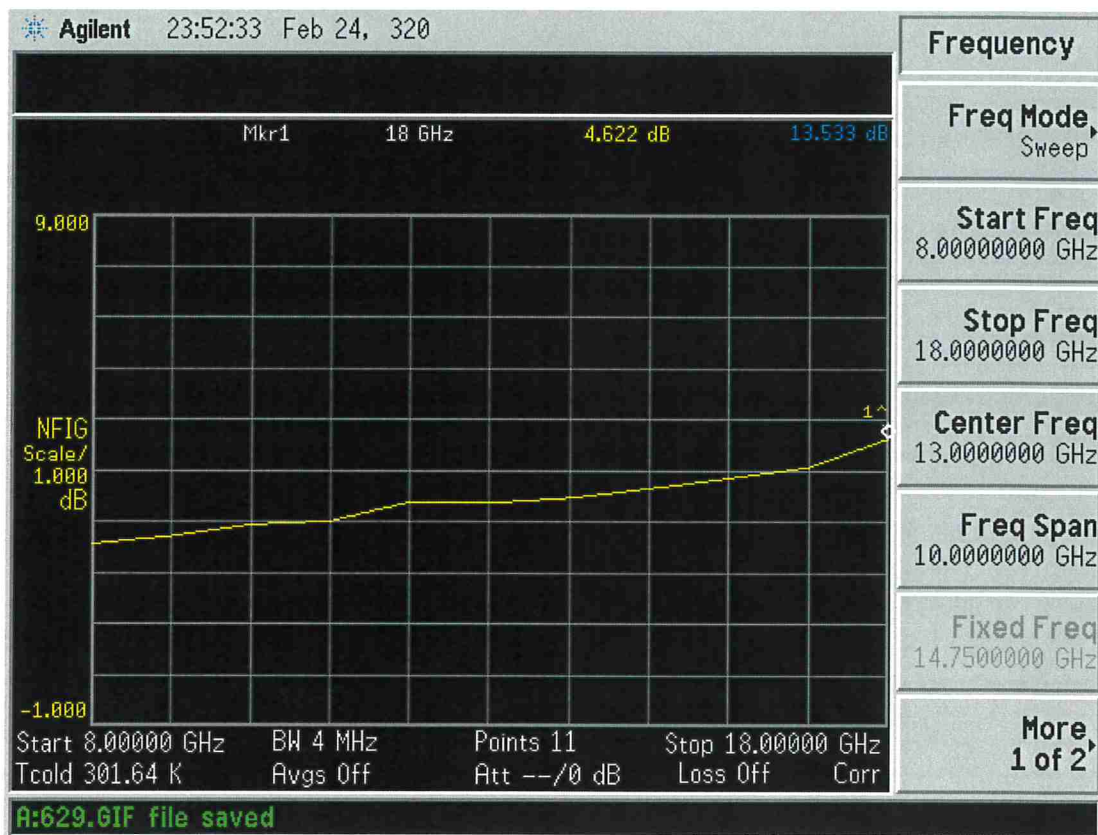
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Noise Figure Plot



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OP1dB Plot

