



Customer:	XXXXXXXXXX	Tested By:	FREDESWINDO C. CORTES JR
SO No:		Temperature:	+25°C
Model No:	PEC4-16-8G18G-4R7-18-15-SFF	Date:	08/21/24
Serial No:	PL47577/2434	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	PMI QA3
2	Gain:	13 dB Min, 16 dB Max	13.23 / 15.25 dB (See Plot)	
3	Gain Flatness:	±1.50 dB Max	± 1.01 dB (See Plot)	
4	Noise Figure:	4.7 dB Max	2.163 dB (See Plot)	
5	OP1dB:	+18 dBm Typ	18.06 dBm (See Plot)	
6	VSWR Input:	1.67:1 Max	1.47:1 (See Plot)	
7	VSWR Output:	2.25:1 Max	1.71:1 (See Plot)	
8	Maximum Input:	+30 dBm CW	Pass	
9	DC Supply:	+12.5 to +28 VDC @ 250 mA Typ	99 mA	

QA/QC Approval: K. Hunter

Date: 6.22.24

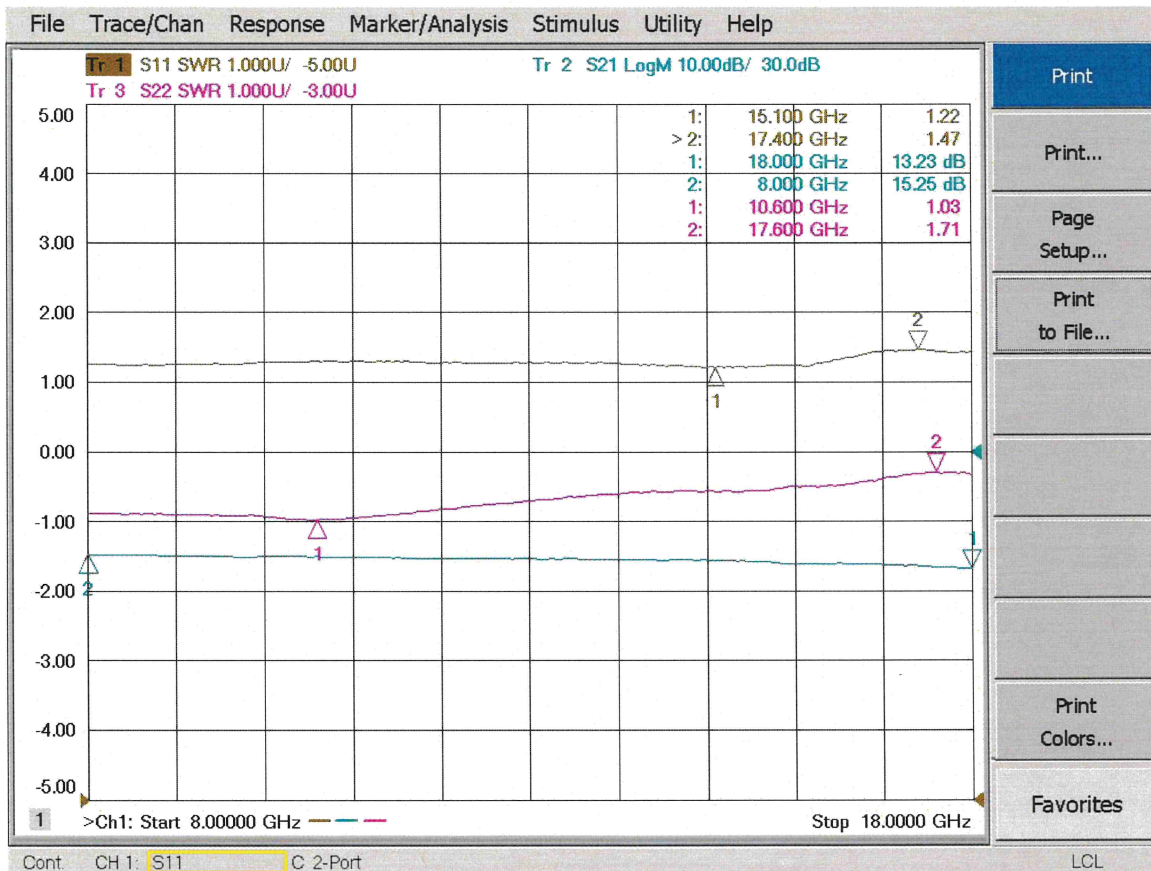
4921 Robert J. Mathews Parkway, Suite 1, El Dorado Hills, CA, 95762
Phone: (916) 542-1401 Fax: (916) 265-2597
Email: sales@pmi-rf.com



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

PL47577/2434

GAIN & VSWR PLOT

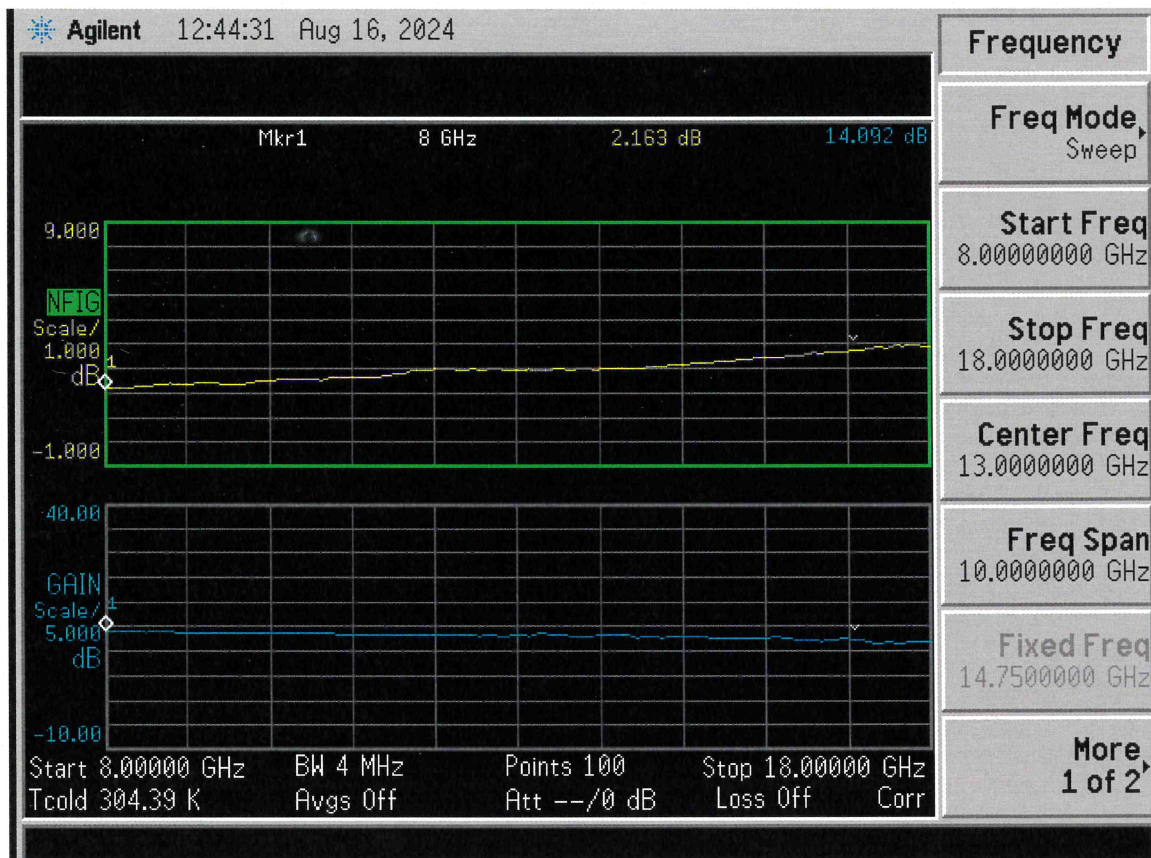




**SUMMARY TEST DATA
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NOISE FIGURE PLOT

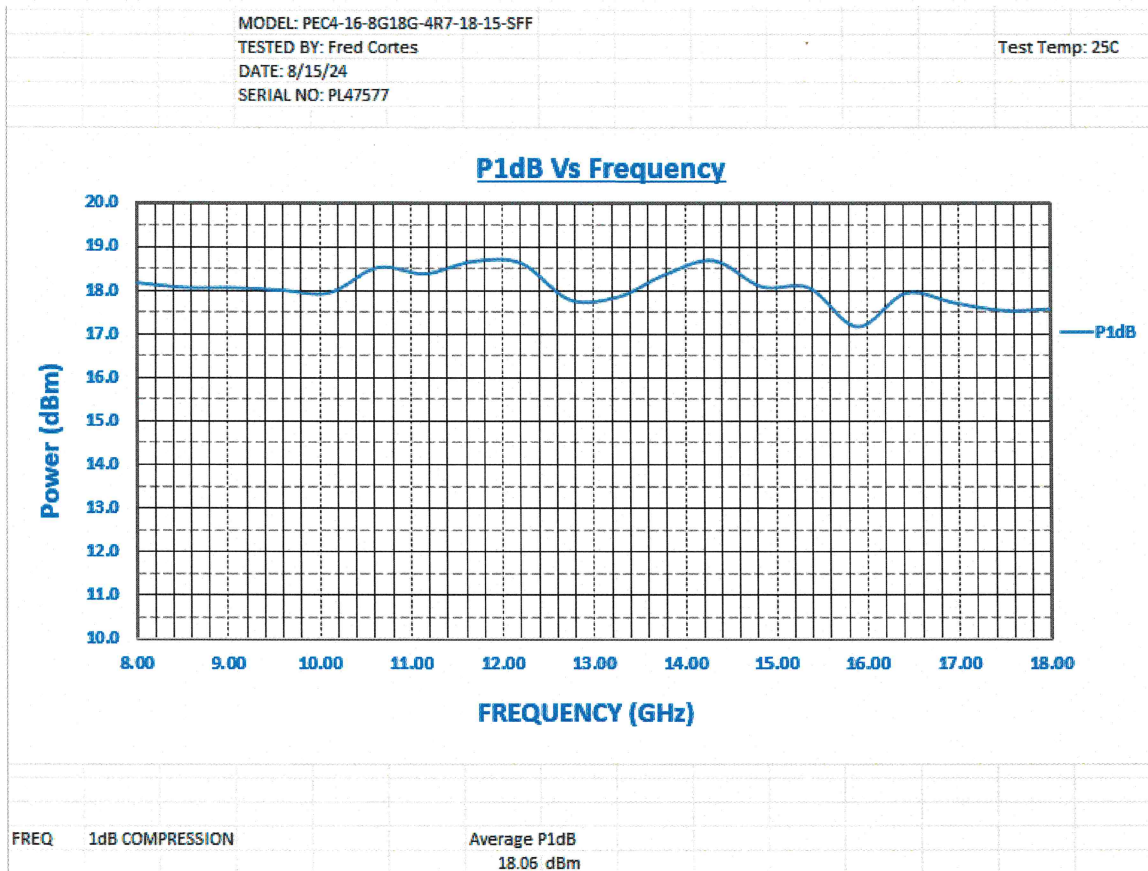




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P1dB PLOT



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