



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

PL47570/2434

Customer: _____ Tested By: **FREDESWI NDO C. CORTES JR**
Temperature: **+25°C**
Date: **08/21/24**
Serial No: **PL47570** 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	13.17 / 15.15 dB (See Plot)	
3	Gain Flatness:	±1.50 dB Max	± .99 dB (See Plot)	
4	Noise Figure:	4.7 dB Max	2.173 dB (See Plot)	
5	OP1dB:	+18 dBm Typ	17.80 dBm (See Plot)	
6	VSWR Input:	1.67:1 Max	1.43:1 (See Plot)	
7	VSWR Output:	2.25:1 Max	1.45:1 (See Plot)	
8	Maximum Input:	+30 dBm CW	Pass	
9	DC Supply:	+12.5 to +28 VDC @ 250 mA Typ	97.4 mA	

QA/QC Approval: K. Luter Date: 8.22.24

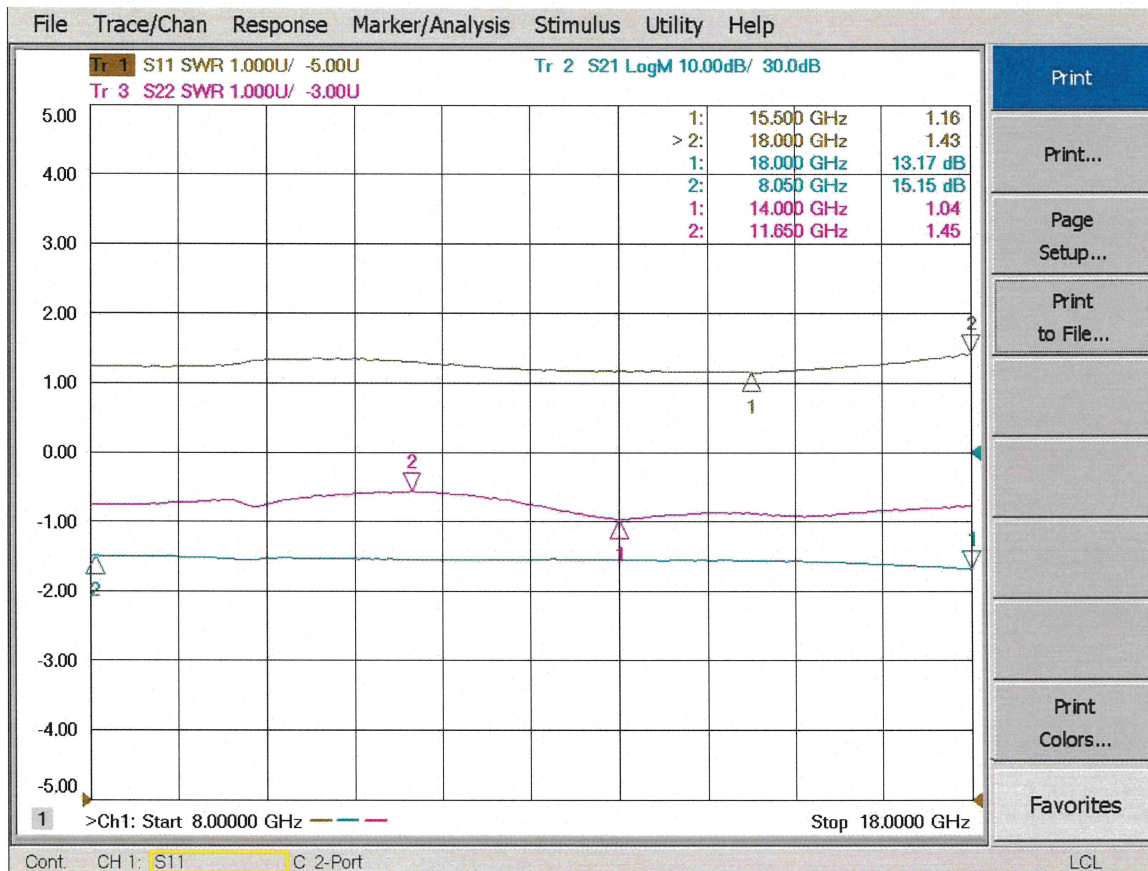
4921 Robert J. Mathews Parkway, Suite 1, El Dorado Hills, CA, 95762
Phone: (916) 542-1401 Fax: (916) 265-2597
Email: sales@pmi-rf.com



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GAIN & VSWR PLOT



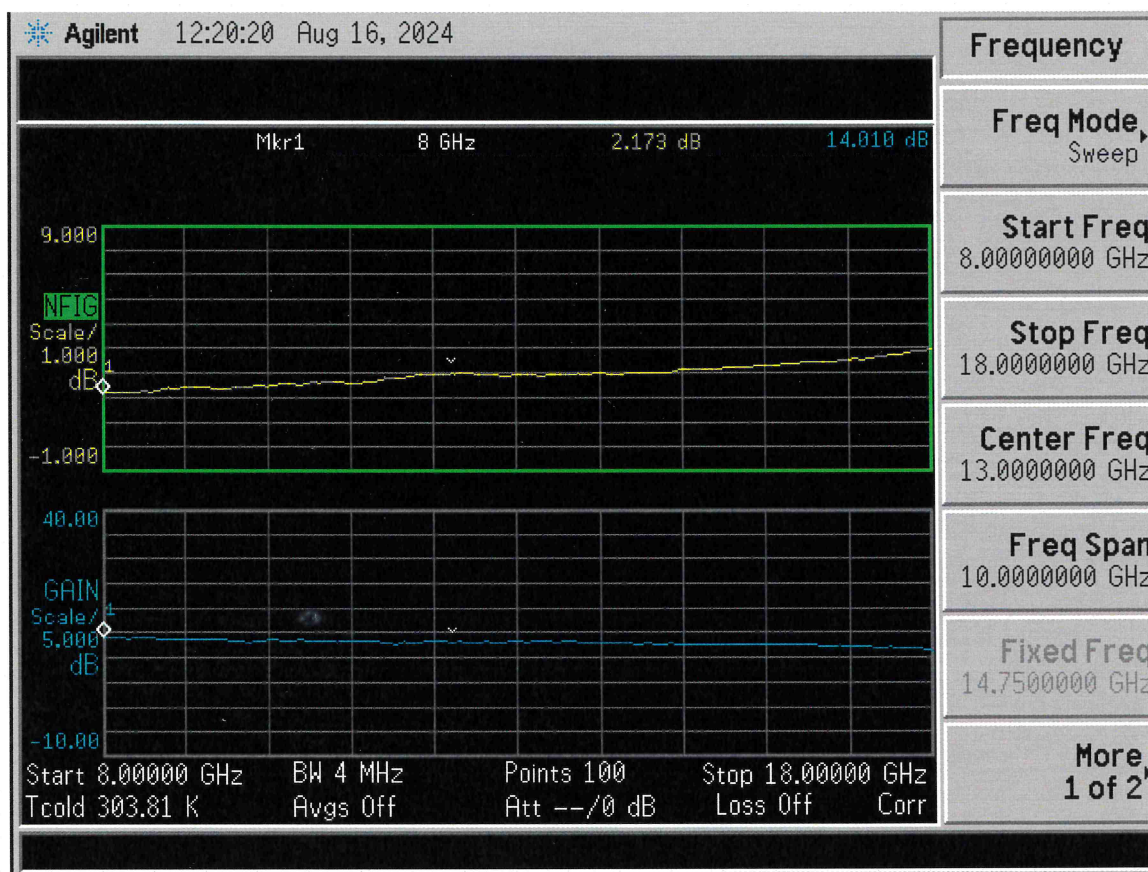
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NOISE FIGURE PLOT

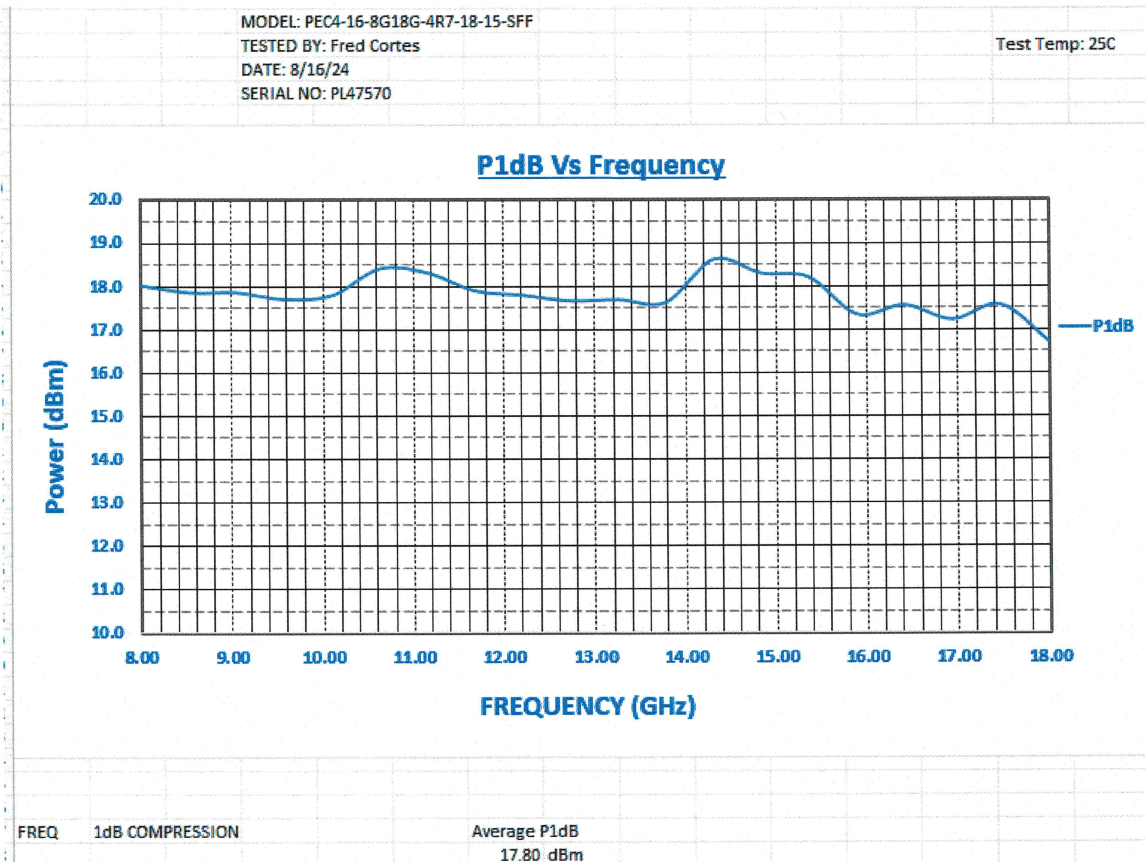




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P1dB PLOT



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