



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

PL47579/2434

Serial No: PL47579 Tested By: FREDESWINDO C. CORTES JR
Temperature: +25°C
Date: 08/21/24
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	13.02 / 15.14 dB (See Plot)	
3	Gain Flatness:	±1.50 dB Max	± 1.06 dB (See Plot)	
4	Noise Figure:	4.7 dB Max	2.259 dB (See Plot)	
5	OP1dB:	+18 dBm Typ	17.55 dBm (See Plot)	
6	VSWR Input:	1.67:1 Max	1.26:1 (See Plot)	
7	VSWR Output:	2.25:1 Max	1.66:1 (See Plot)	
8	Maximum Input:	+30 dBm CW	Pass	
9	DC Supply:	+12.5 to +28 VDC @ 250 mA Typ	95.6 mA	

QA/QC Approval: K. Inter Date: 6-22-24

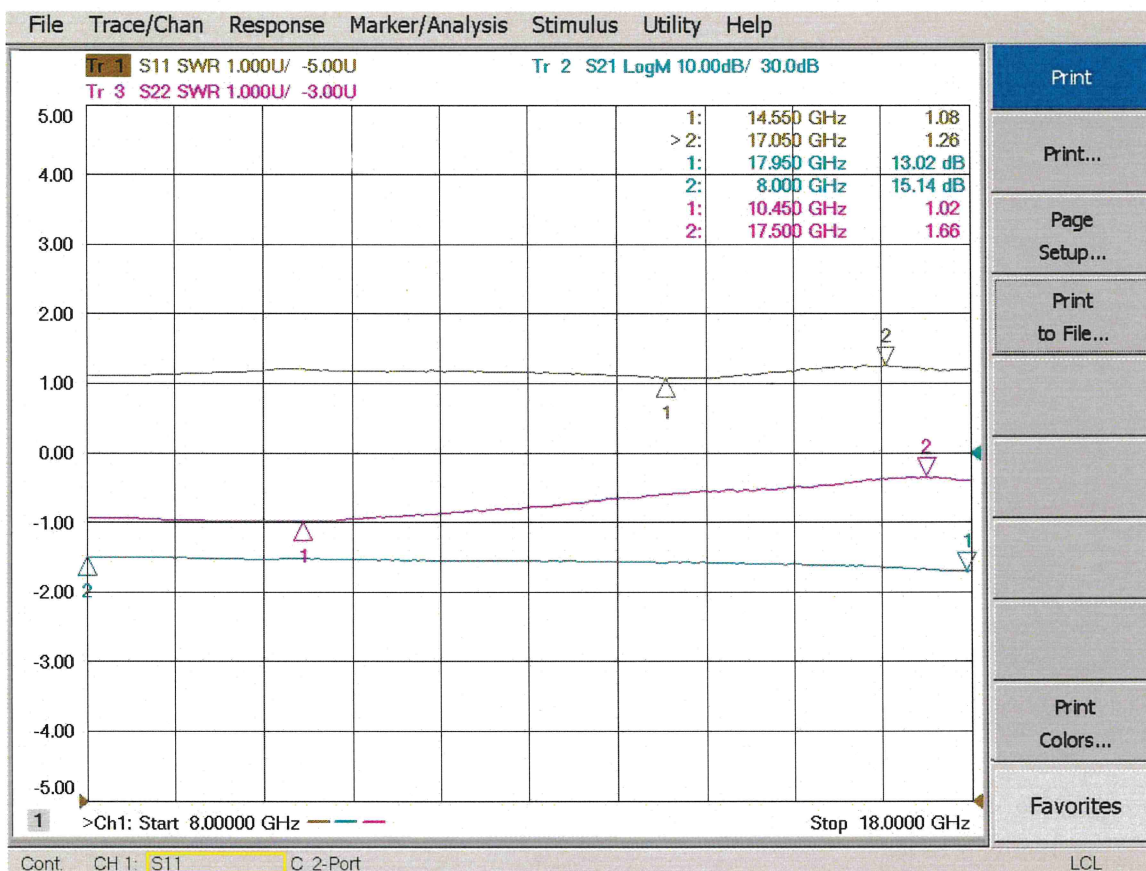
4921 Robert J. Mathews Parkway, Suite 1, El Dorado Hills, CA, 95762
Phone: (916) 542-1401 Fax: (916) 265-2597
Email: sales@pmi-rf.com



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GAIN & VSWR PLOT



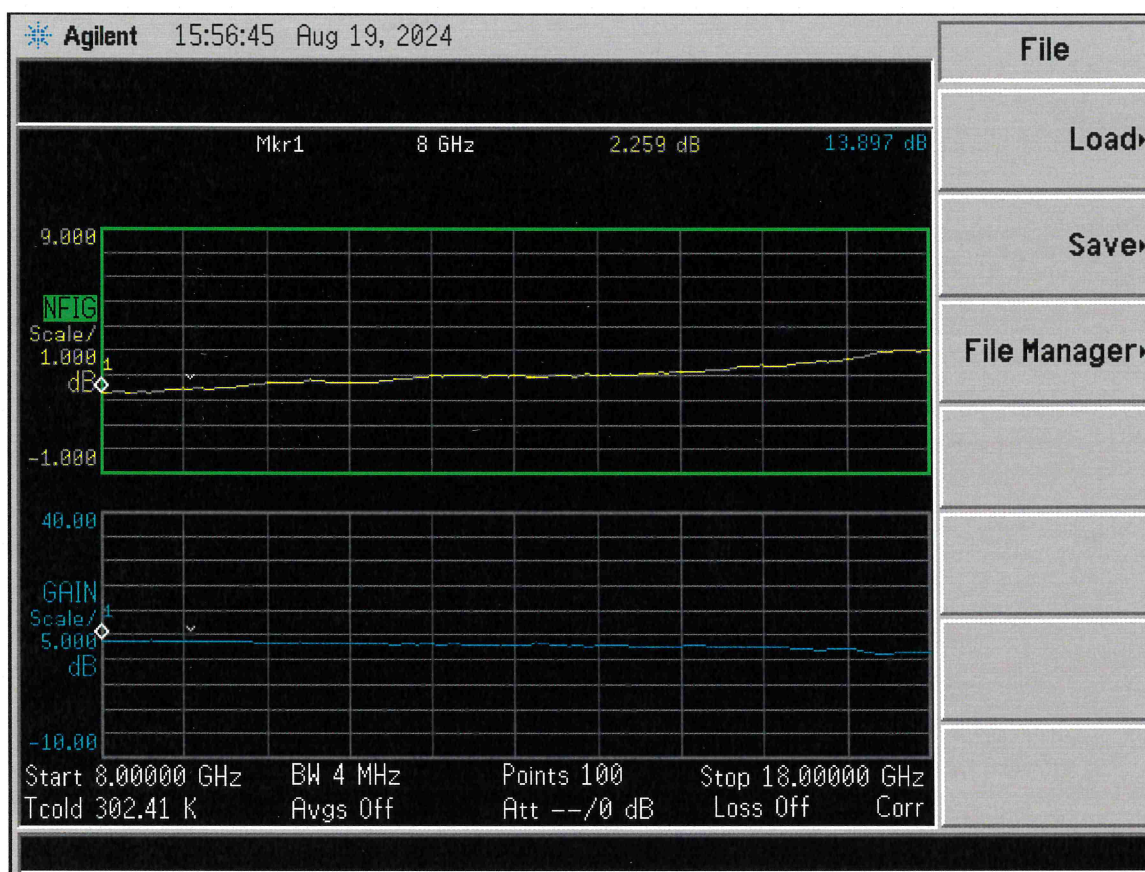
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NOISE FIGURE PLOT



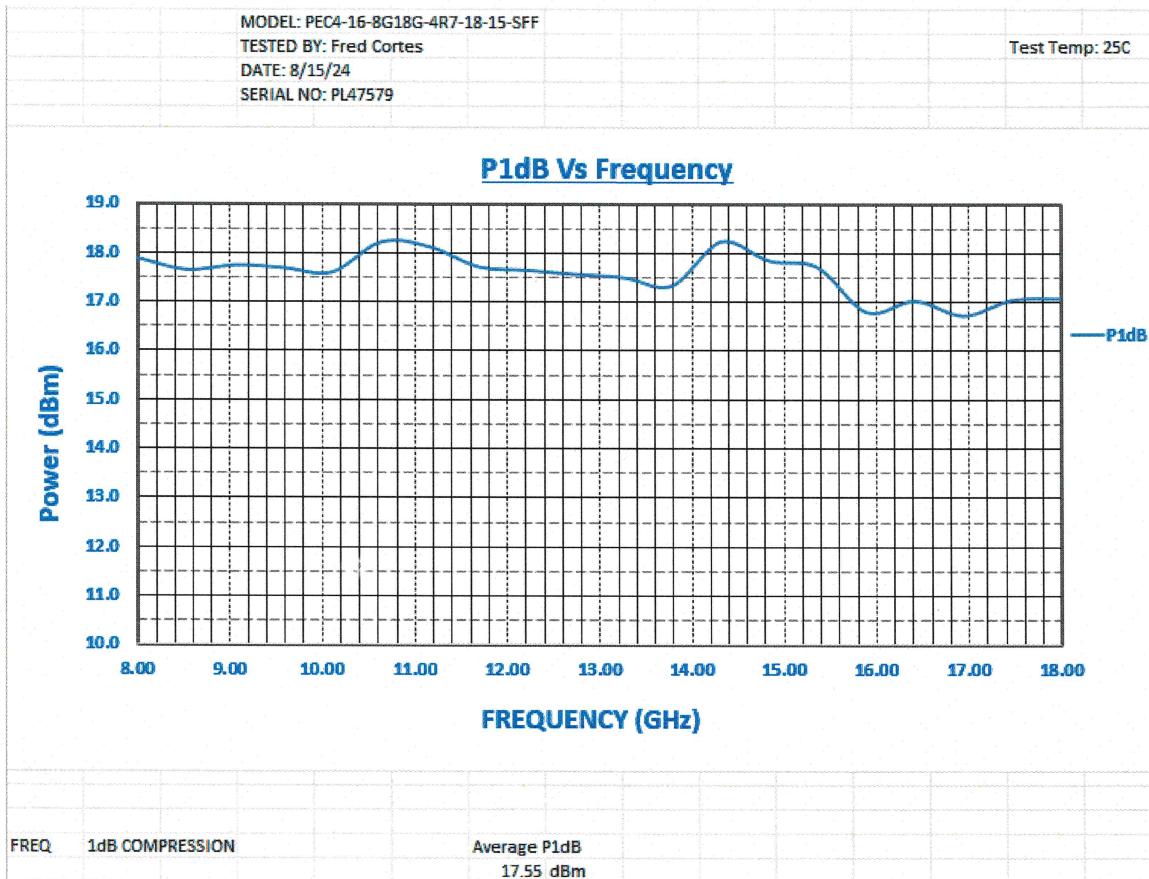
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P1dB PLOT



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