



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

PL47566/2434

Customer: _____ 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: **PL47566/2434** 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	13.08 /15.09 dB (See Plot)	
3	Gain Flatness:	±1.50 dB Max	± 1.0 dB (See Plot)	
4	Noise Figure:	4.7 dB Max	2.208 dB (See Plot)	
5	OP1dB:	+18 dBm Typ	17.62 dBm (See Plot)	
6	VSWR Input:	1.67:1 Max	1.66:1 (See Plot)	
7	VSWR Output:	2.25:1 Max	1.72:1 (See Plot)	
8	Maximum Input:	+30 dBm CW	Pass	
9	DC Supply:	+12.5 to +28 VDC @ 250 mA Typ	96.6 mA	

QA/QC Approval: K. Lutz Date: 8-22-24

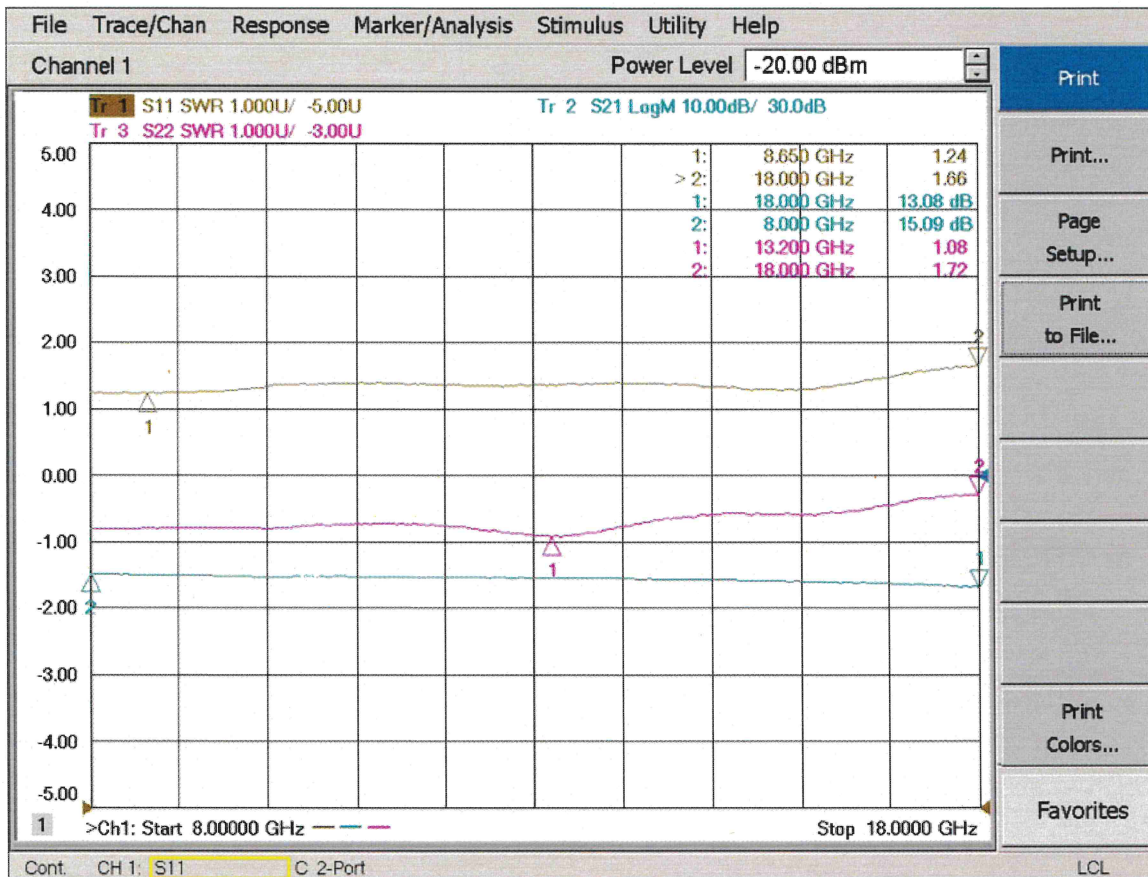
4921 Robert J. Mathews Parkway, Suite 1, El Dorado Hills, CA, 95762
Phone: (916) 542-1401 Fax: (916) 265-2597
Email: sales@pmi-rf.com



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GAIN & VSWR PLOT



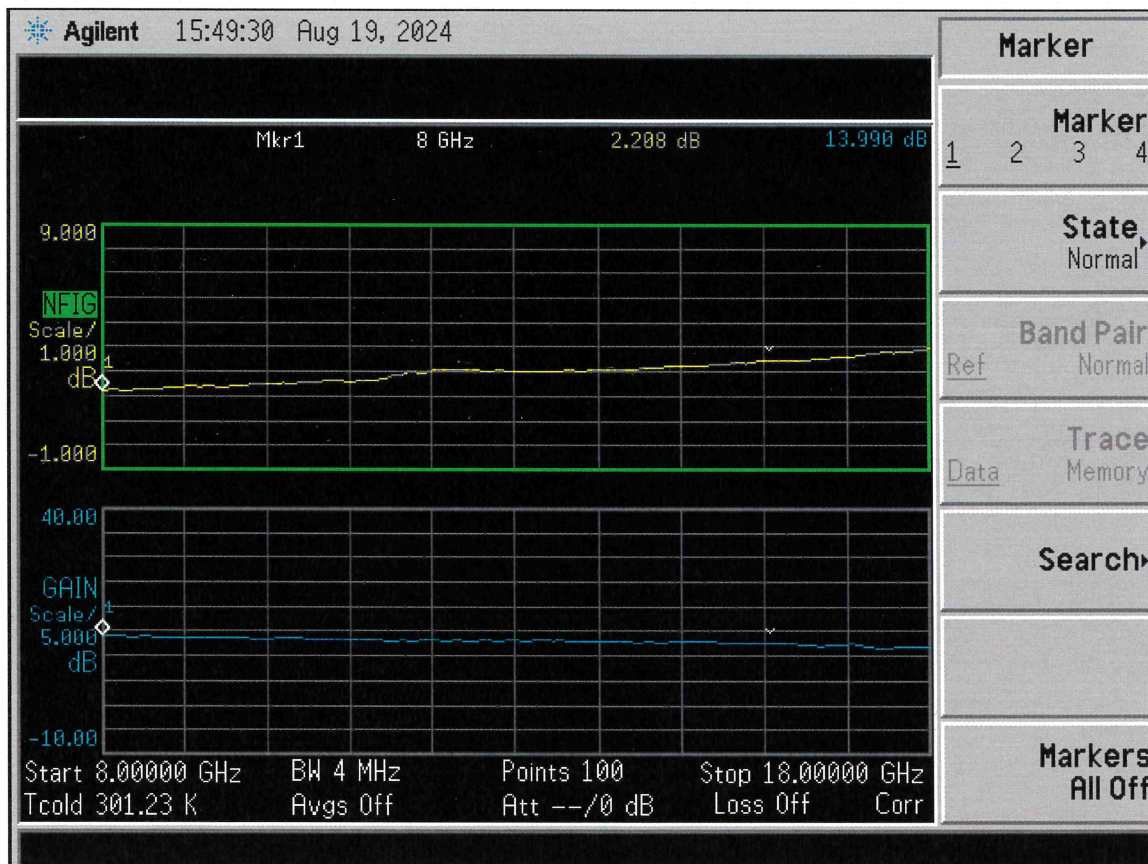
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NOISE FIGURE PLOT



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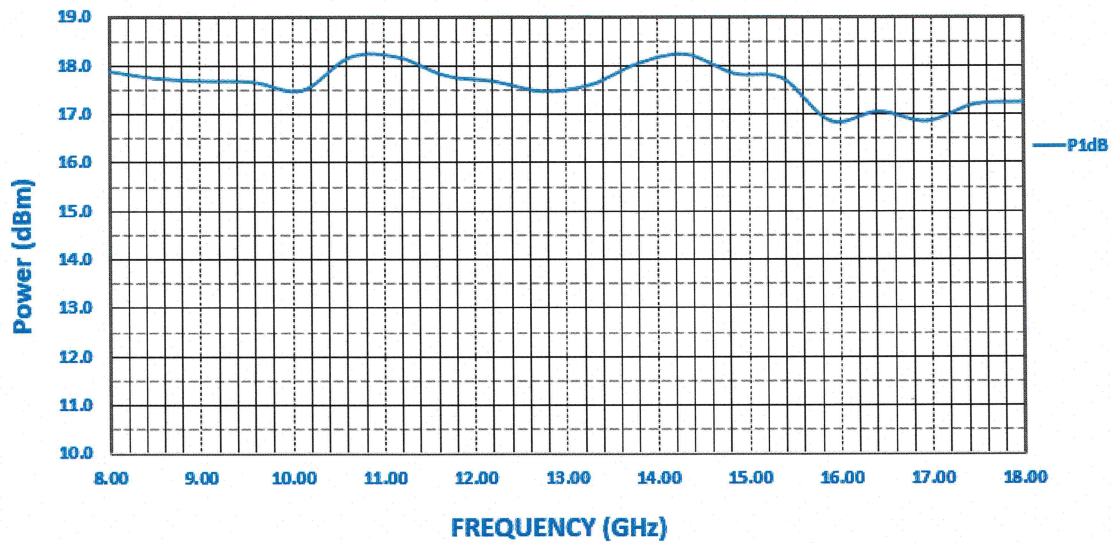
PL47566/2434

P1dB PLOT

MODEL: PEC4-16-8G18G-4R7-18-15-SFF
TESTED BY: Fred Cortes
DATE: 8/19/24
SERIAL NO: PL47566

Test Temp: 25C

P1dB Vs Frequency



FREQ 1dB COMPRESSION

Average P1dB
17.62 dBm

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