



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

Customer: _____ Tested By: **FREDESWINDO C. CORTES JR**
SO No: _____ Temperature: **+25°C**
Model No: **PEC4-16-8G18G-4R7-18-15-SFF-OPTSL** Date: **09/05/24**
Serial No: **PL48055/2436** Drawing No: **27628833** 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 @ 8.0 GHz:	13 dB Min, 16 dB Max	15.70 dB (See Plot)	
3	Gain Flatness:	±1.50 dB Max	+/- 1.26 (See Plot)	
4	Gain Slope to 18.0 GHz:	-2.5 dB to -3.5 dB	- 2.52 dB (See Plot)	
5	Noise Figure:	4.7 dB Max	3.057 dB (See Plot)	
6	OP1dB:	+18 dBm Typ	20.17 dBm (See Plot)	
7	VSWR Input:	1.67:1 Max	1.44:1 (See Plot)	
8	VSWR Output:	2.25:1 Max	2.12:1 (See Plot)	
9	Maximum Input:	+30 dBm CW	Pass	
10	DC Supply:	+12.5 to +28 VDC @ 250 mA Typ	144 mA	

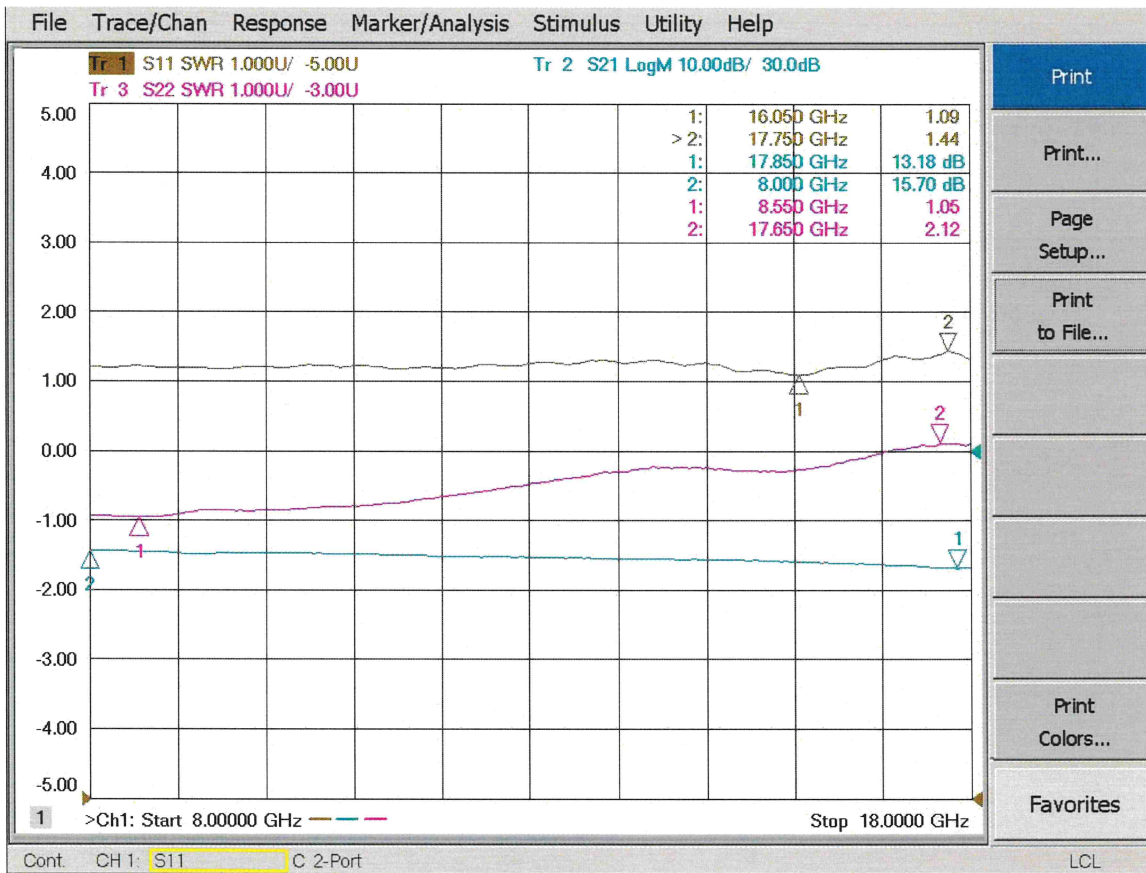
QA/QC Approval: *K. [Signature]* Date: *9-5-24*

4921 Robert J. Mathews Parkway, Suite 1, El Dorado Hills, CA, 95762
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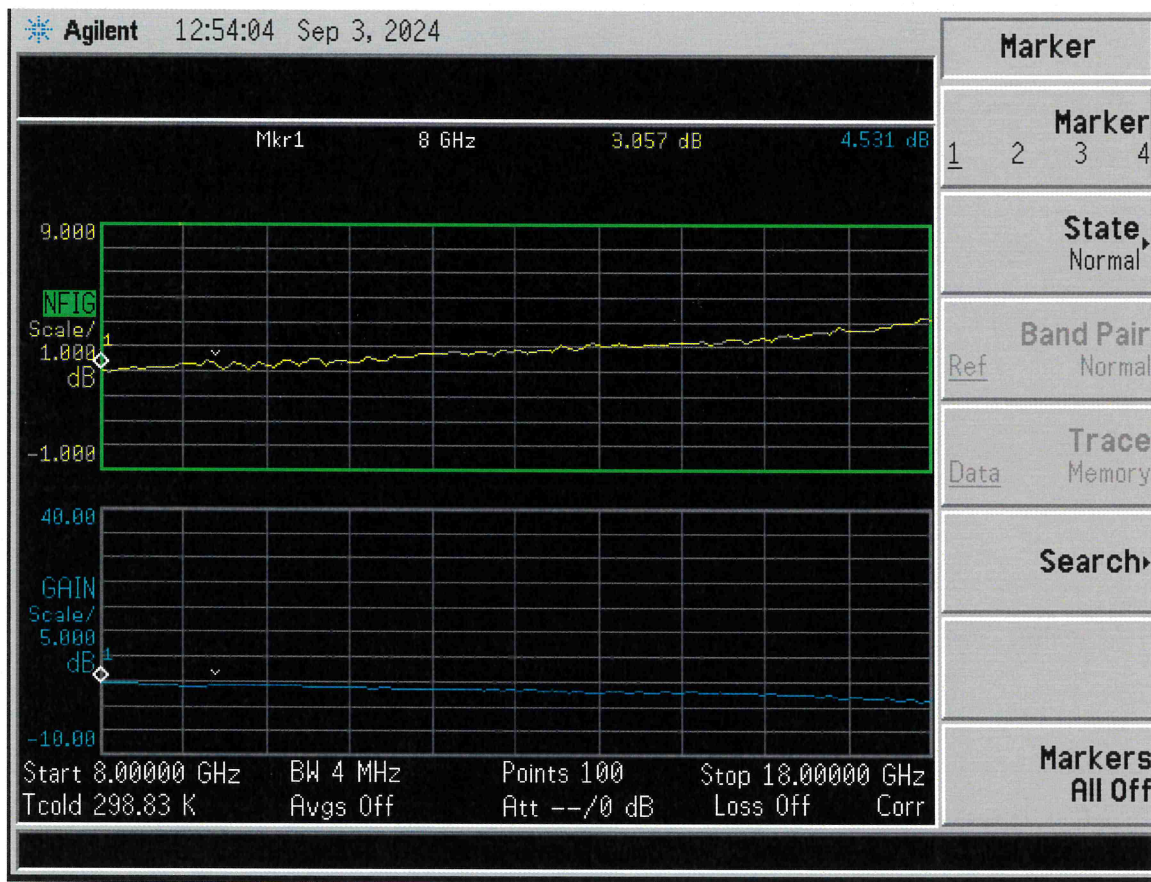
GAIN & VSWR





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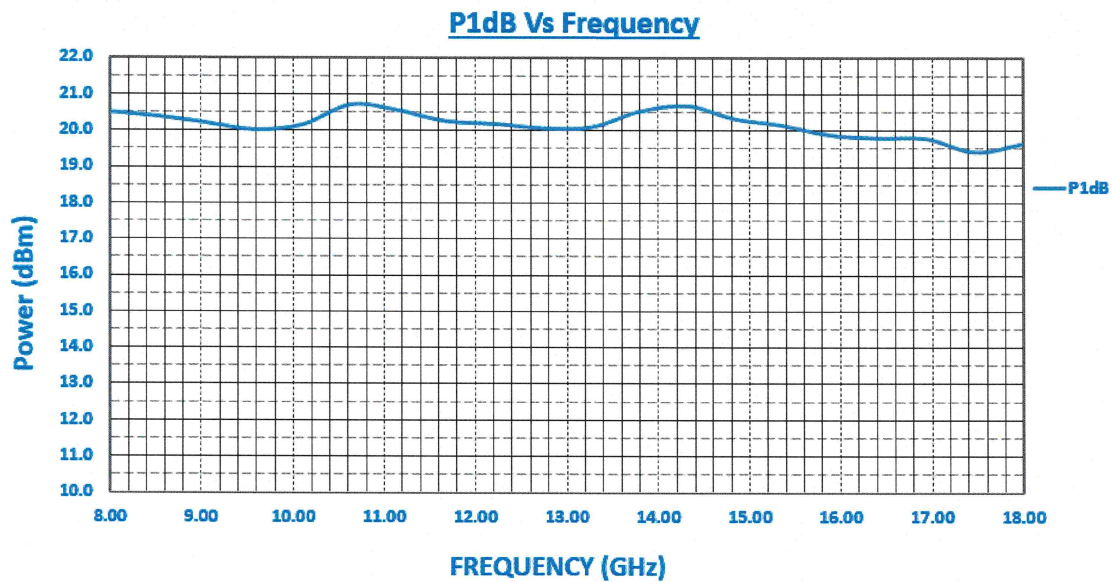
NOISE FIGURE





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P-1dB



FREQ 1dB COMPRESSION

Average P1dB
20.17 dBm

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