



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: 08/06/24
Serial No: PL47475/2432 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	15.76dB (See Plot)	
3	Gain Flatness:	±1.50 dB Max	.885dB (See Plot)	
4	Gain Slope to 18.0 GHz:	-2.5 dB to -3.5 dB	1.77dB (See Plot)	
5	Noise Figure:	4.7 dB Max	3.070dB (See Plot)	
6	OP1dB:	+18 dBm Typ	20.65dBm (See Plot)	
7	VSWR Input:	1.67:1 Max	1.50:1 (See Plot)	
8	VSWR Output:	2.25:1 Max	2.06:1 (See Plot)	
9	Maximum Input:	+30 dBm CW	Pass	
10	DC Supply:	+12.5 to +28 VDC @ 250 mA Typ	124mA	

QA/QC Approval:

K. Luter

Date:

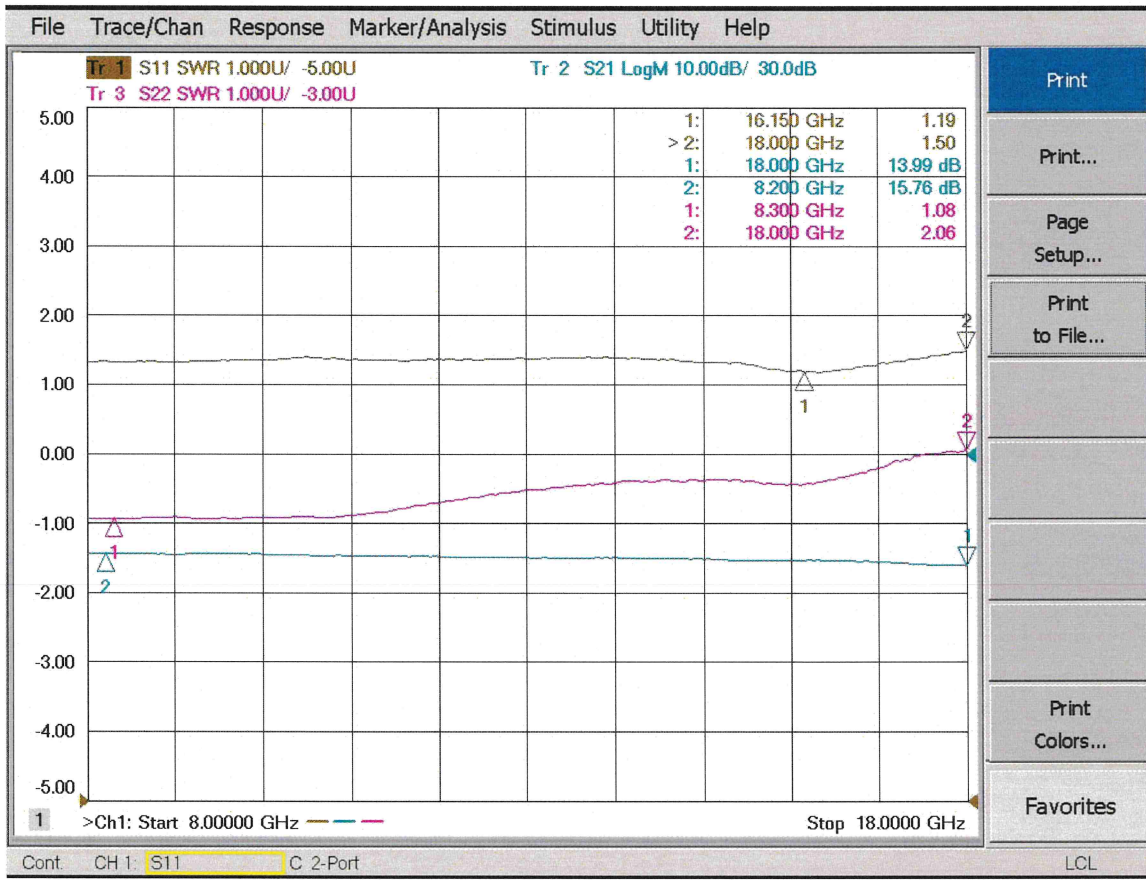
8-8-24

4921 Robert J. Mathews Parkway, Suite 1, El Dorado Hills, CA, 95762
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Email: sales@pmi-rf.com



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GAIN & VSWR

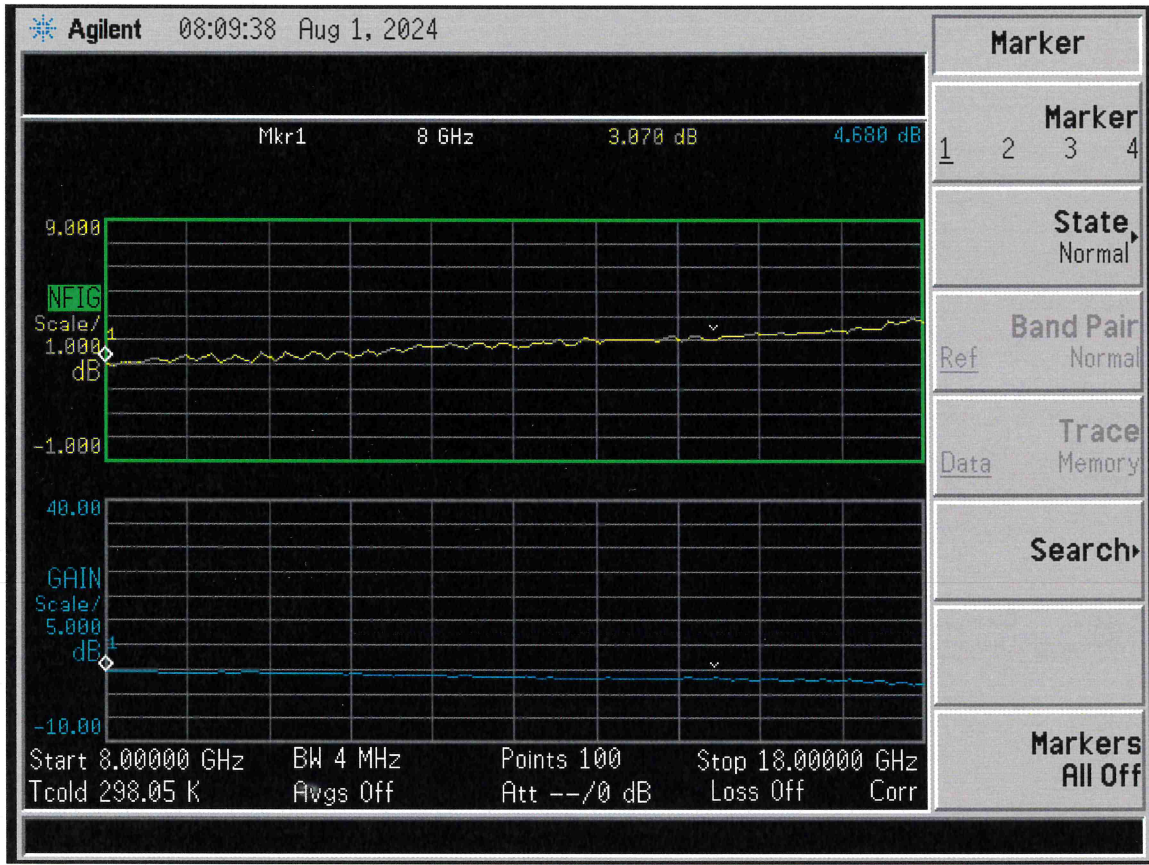


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NOISE FIGURE

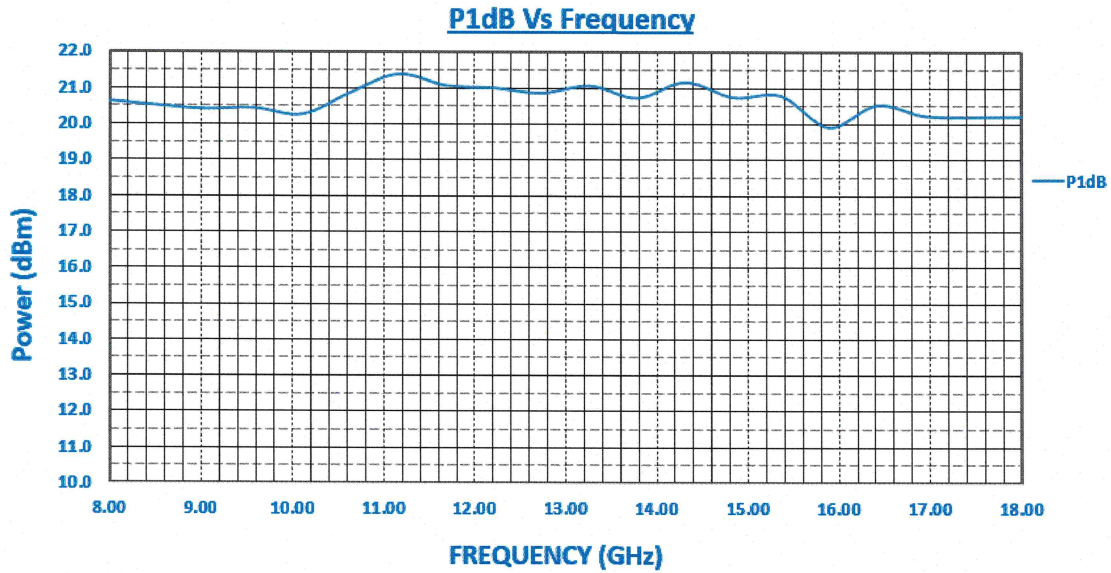


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P-1dB



*REQ 1dB COMPRESSION

Average P1dB
20.65 dBm

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