



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: 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	
2	Gain @ 8.0 GHz:	13 dB Min, 16 dB Max	15.73 dB (See Plot)	
3	Gain Flatness:	±1.50 dB Max	+/- 1.195 (See Plot)	
4	Gain Slope to 18.0 GHz:	-2.5 dB to -3.5 dB	- 2.39 dB (See Plot)	
5	Noise Figure:	4.7 dB Max	3.070dB (See Plot)	
6	OP1dB:	+18 dBm Typ	20.91 dBm (See Plot)	
7	VSWR Input:	1.67:1 Max	1.34:1 (See Plot)	
8	VSWR Output:	2.25:1 Max	1.76:1 (See Plot)	
9	Maximum Input:	+30 dBm CW	Pass	
10	DC Supply:	+12.5 to +28 VDC @ 250 mA Typ	140 mA	

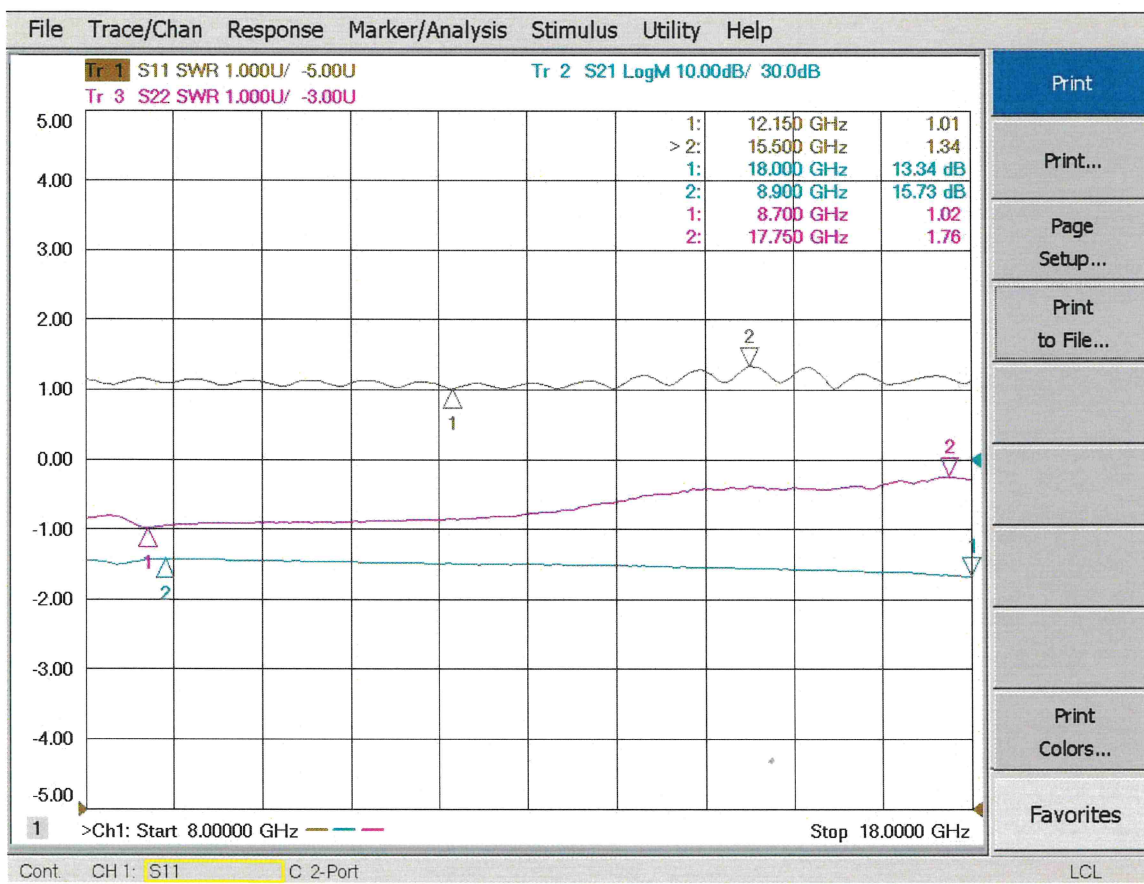
QA/QC Approval: 11/1/2019 Date: 9/6/29

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

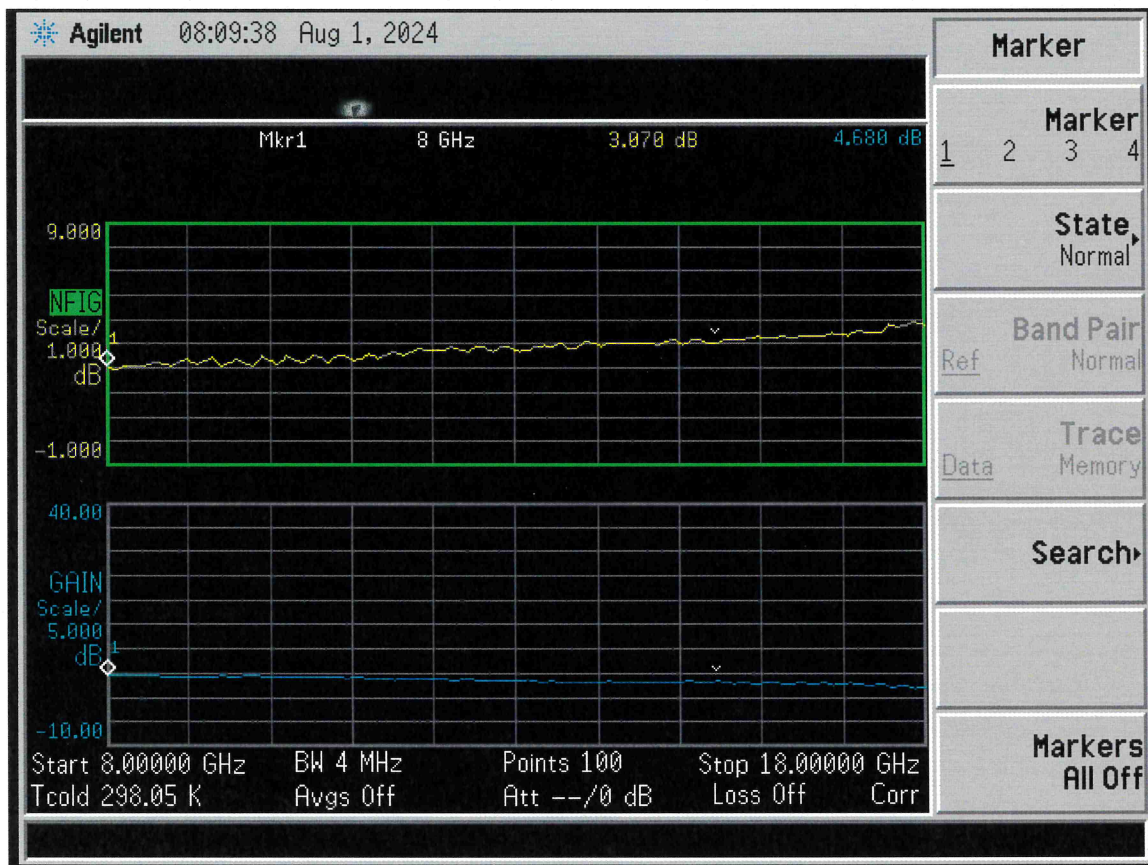
GAIN & VSWR





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NOISE FIGURE

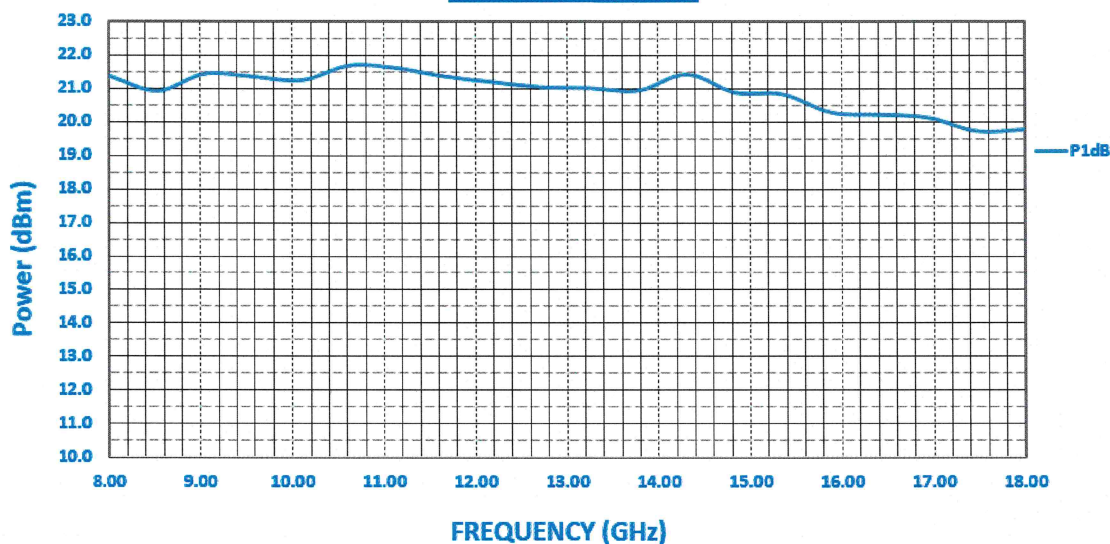




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ON
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P-1dB

P1dB Vs Frequency



FREQ 1dB COMPRESSION

Average P1dB
20.91 dBm