



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

Customer: _____ Tested By: FREDESWINDO C. CORTES JR
Temperature: +25 °C
Date: 08/06/24
Serial No: PL47470/2432 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	15.88dB (See Plot)	
3	Gain Flatness:	±1.50 dB Max	1.03dB (See Plot)	
4	Gain Slope to 18.0 GHz:	-2.5 dB to -3.5 dB	2.06dB (See Plot)	
5	Noise Figure:	4.7 dB Max	3.159dB (See Plot)	
6	OP1dB:	+18 dBm Typ	20.12dBm (See Plot)	
7	VSWR Input:	1.67:1 Max	1.62:1 (See Plot)	
8	VSWR Output:	2.25:1 Max	2.03:1 (See Plot)	
9	Maximum Input:	+30 dBm CW	Pass	
10	DC Supply:	+12.5 to +28 VDC @ 250 mA Typ	118mA	

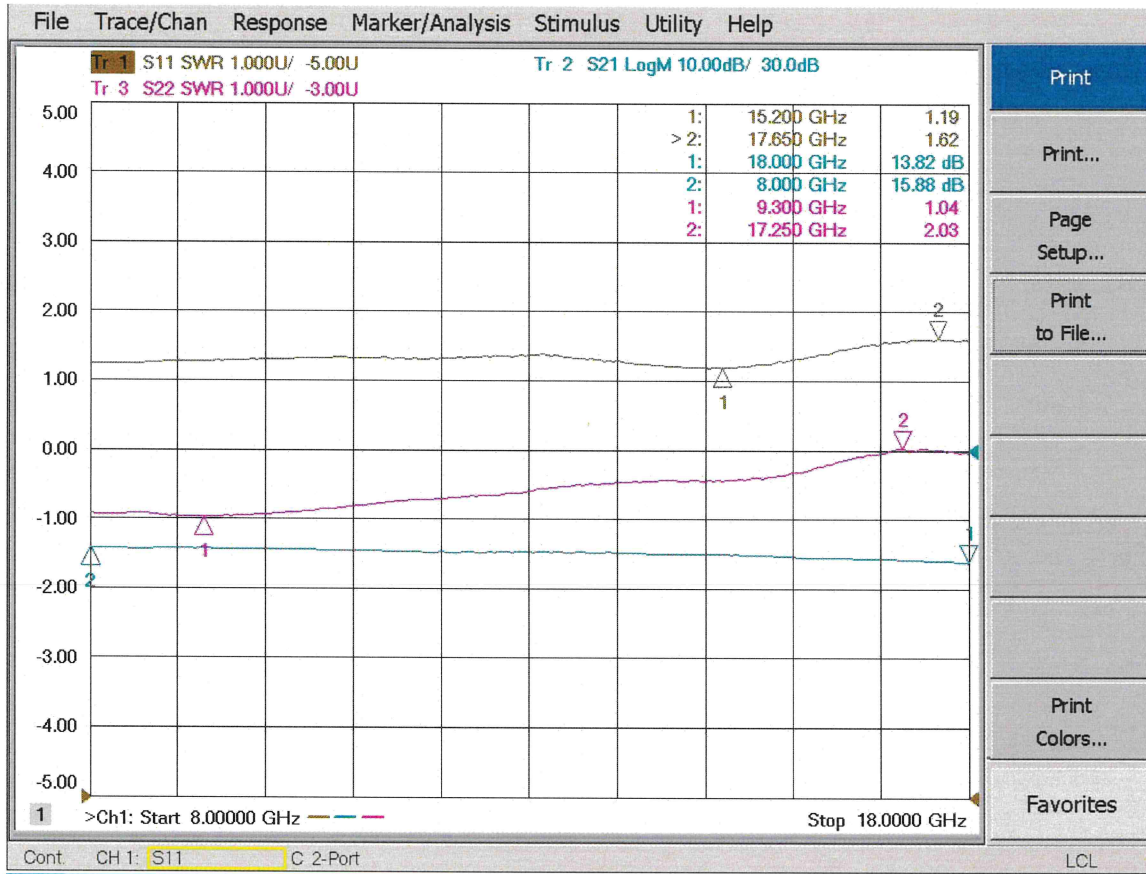
QA/QC Approval: K. Luth Date: 8-8-24

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GAIN & VSWR

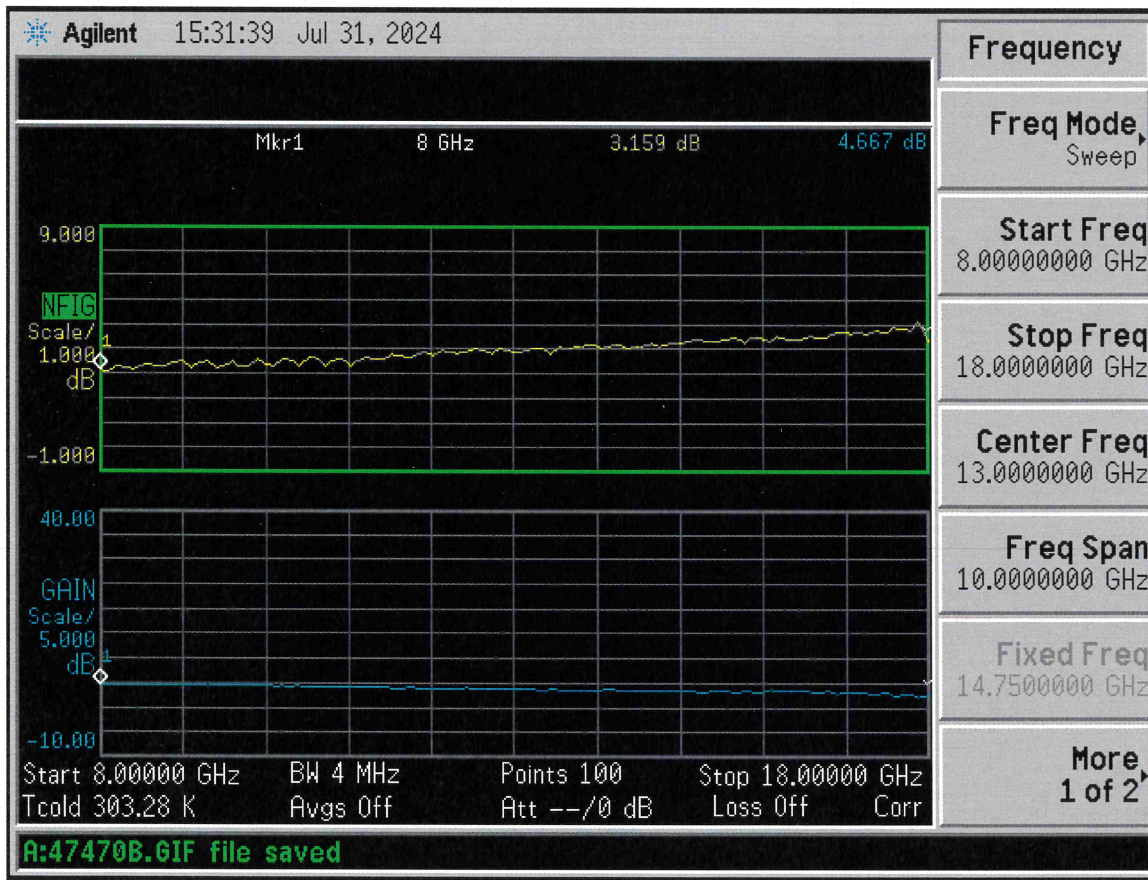


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NOISE FIGURE





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P-1dB

