



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: PL47482/2432 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	15.67 dB (See Plot)	
3	Gain Flatness:	±1.50 dB Max	+/- 1.30 (See Plot)	
4	Gain Slope to 18.0 GHz:	-2.5 dB to -3.5 dB	-2.60 db (See Plot)	
5	Noise Figure:	4.7 dB Max	3.278dB (See Plot)	
6	OP1dB:	+18 dBm Typ	20.45 dBm (See Plot)	
7	VSWR Input:	1.67:1 Max	1.27:1 (See Plot)	
8	VSWR Output:	2.25:1 Max	2.16:1 (See Plot)	
9	Maximum Input:	+30 dBm CW	Pass	
10	DC Supply:	+12.5 to +28 VDC @ 250 mA Typ	135mA	

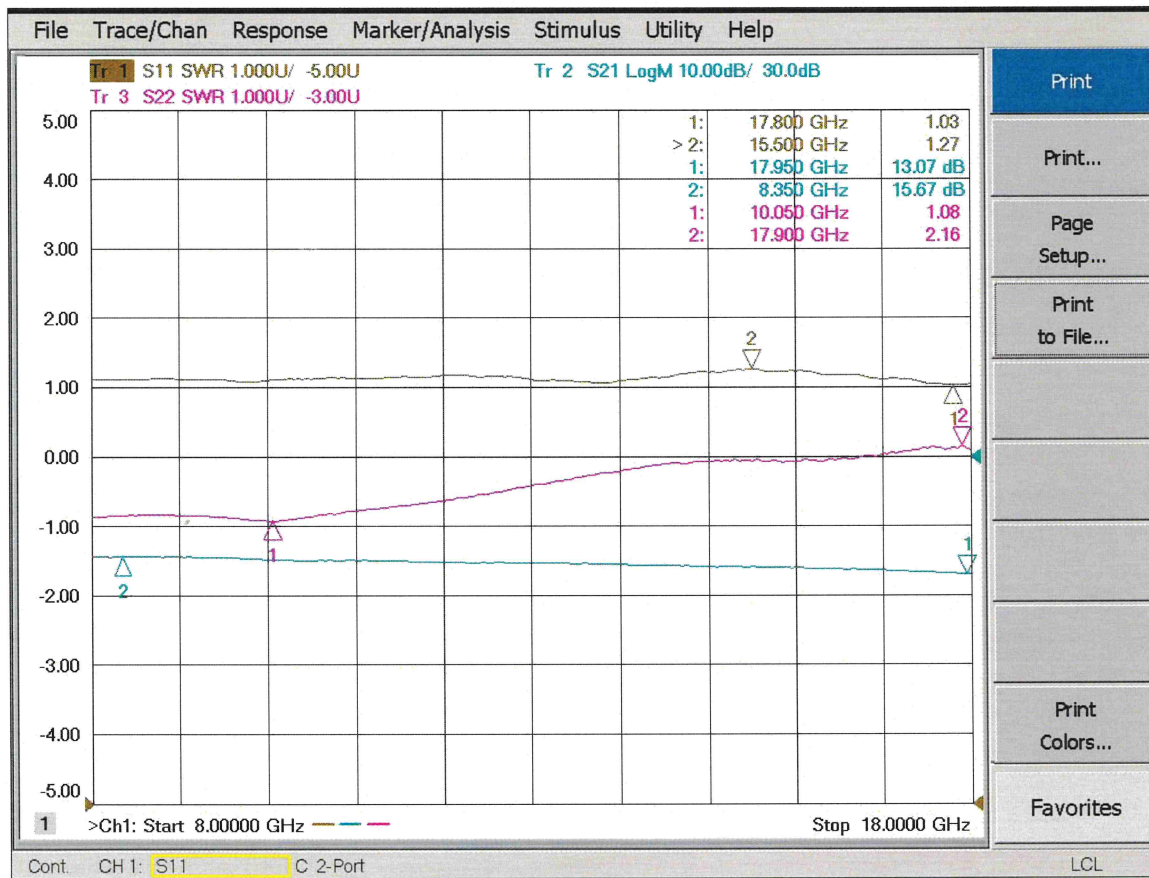
QA/QC Approval: Date: 9/6/24

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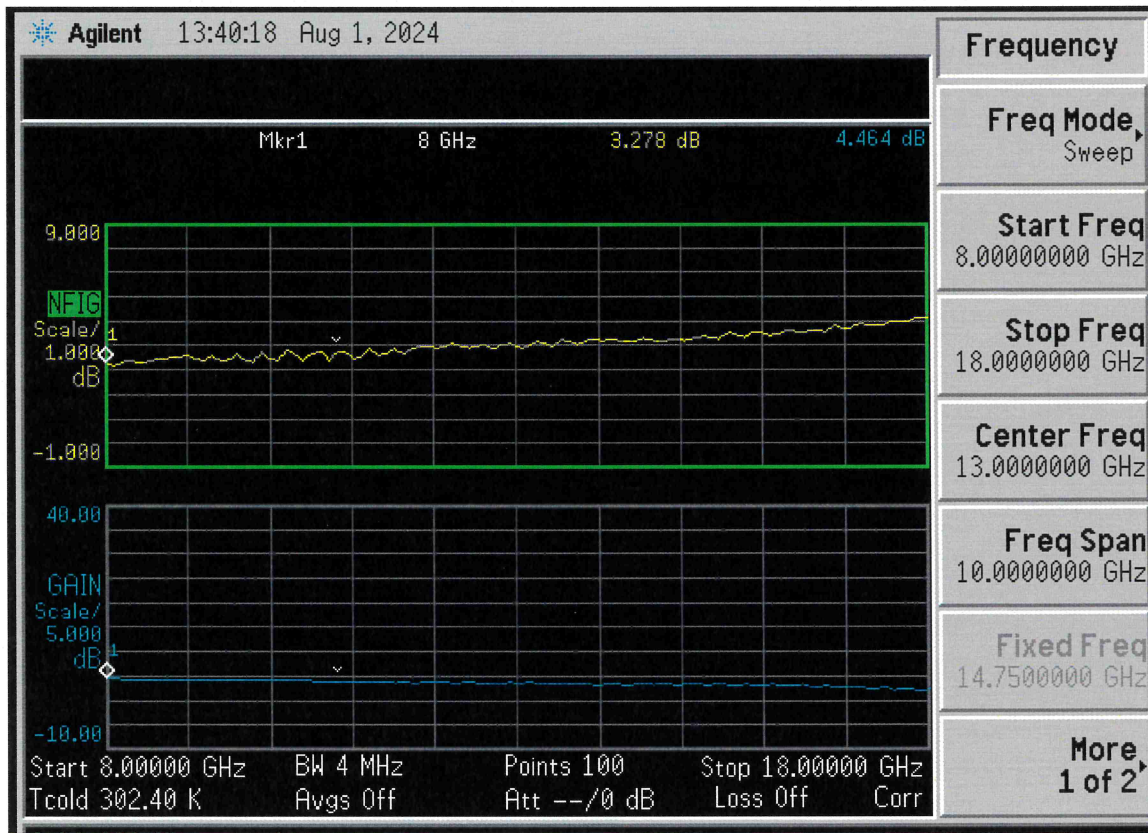
GAIN & VSWR





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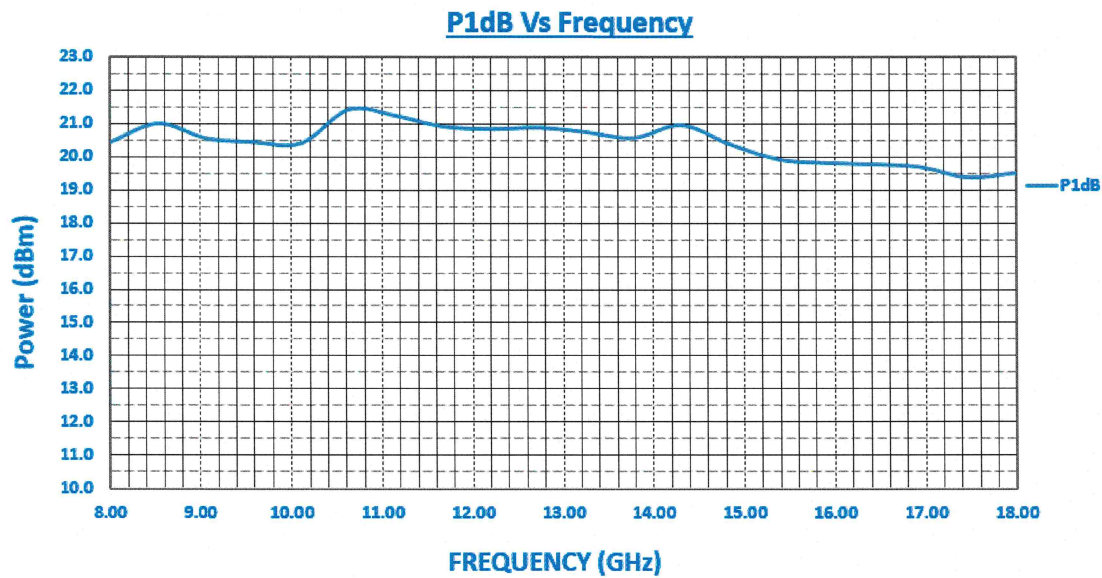
NOISE FIGURE





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P-1dB



FREQ 1dB COMPRESSION

Average P1dB
20.45 dBm