



SUMMARY TEST DATA ON PE2-15-8G20G-4R0-20-SFF

CUSTOMER:

SO:

MODEL NO: PE2-15-8G20G-4R0-20-SFF

SERIAL NO: PL51785/2512

TESTED BY: EA Valdez

TEMPERATURE: +25°C

DATE: 21-Mar-25

DRAWING NO: 27620543

REV: A1

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	8.0 - 20.0 GHz	8.0 - 20.0 GHz	PMI QA3
2	Gain:	12 dB Min. 15 dB Nominal	13.9 dB (See Plot)	
3	Gain Flatness:	± 1.25 dB Typ. ± 1.5 dB Max.	± 1.12 dB	
4	VSWR:	Input: 2.0:1 Output: 2.0:1 (Max.)	1.46:1/1.71:1 (See Plot)	
5	Noise Figure:	4.0 dB Typ. 5.0 dB Max.	4.3 dB (See NF Plot)	
6	Input Power:	+17 dBm CW Max.	+17 dBm PASS	
7	OP1dB:	+17 dBm Min. +20 dBm Typ.	17.8 dBm	
8	DC Supply:	225mA@ +11V to +15V (Nominal)	178 mA @ +11V to +15V	

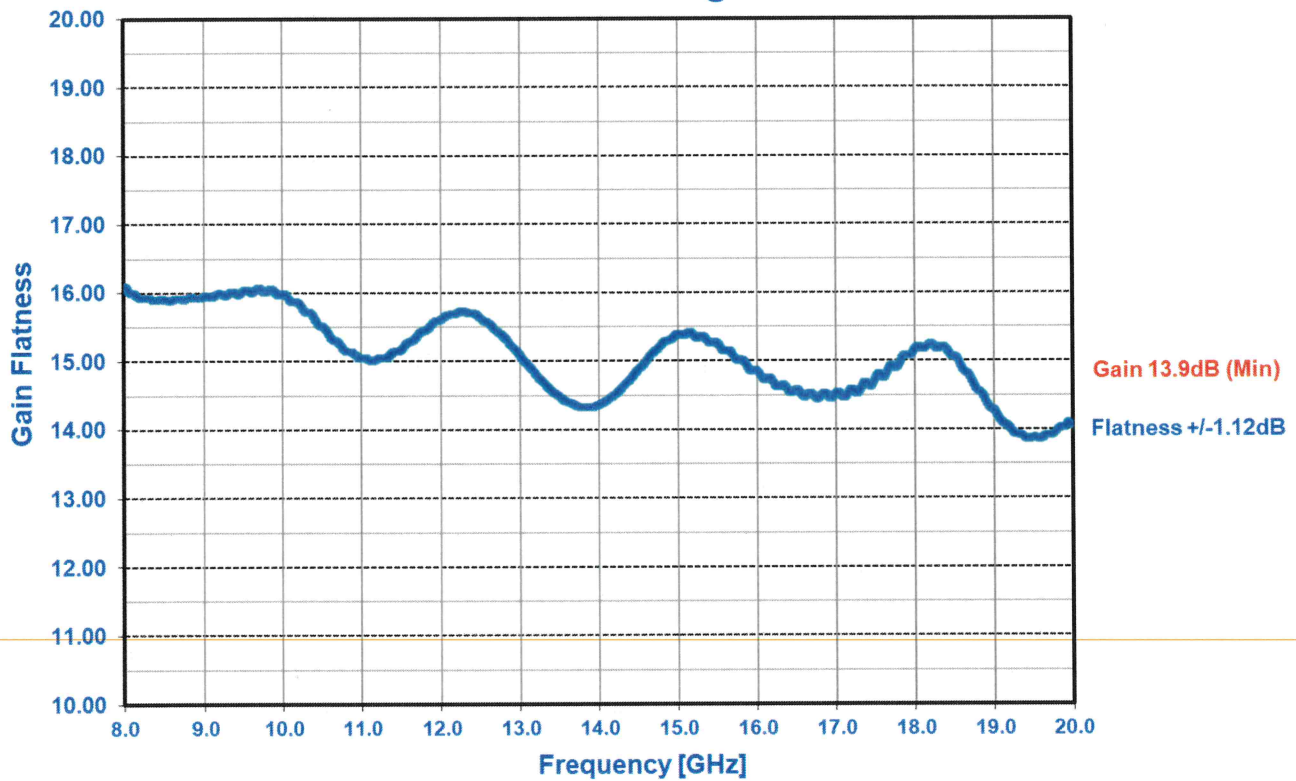
QA/QC Approval:

[Signature]

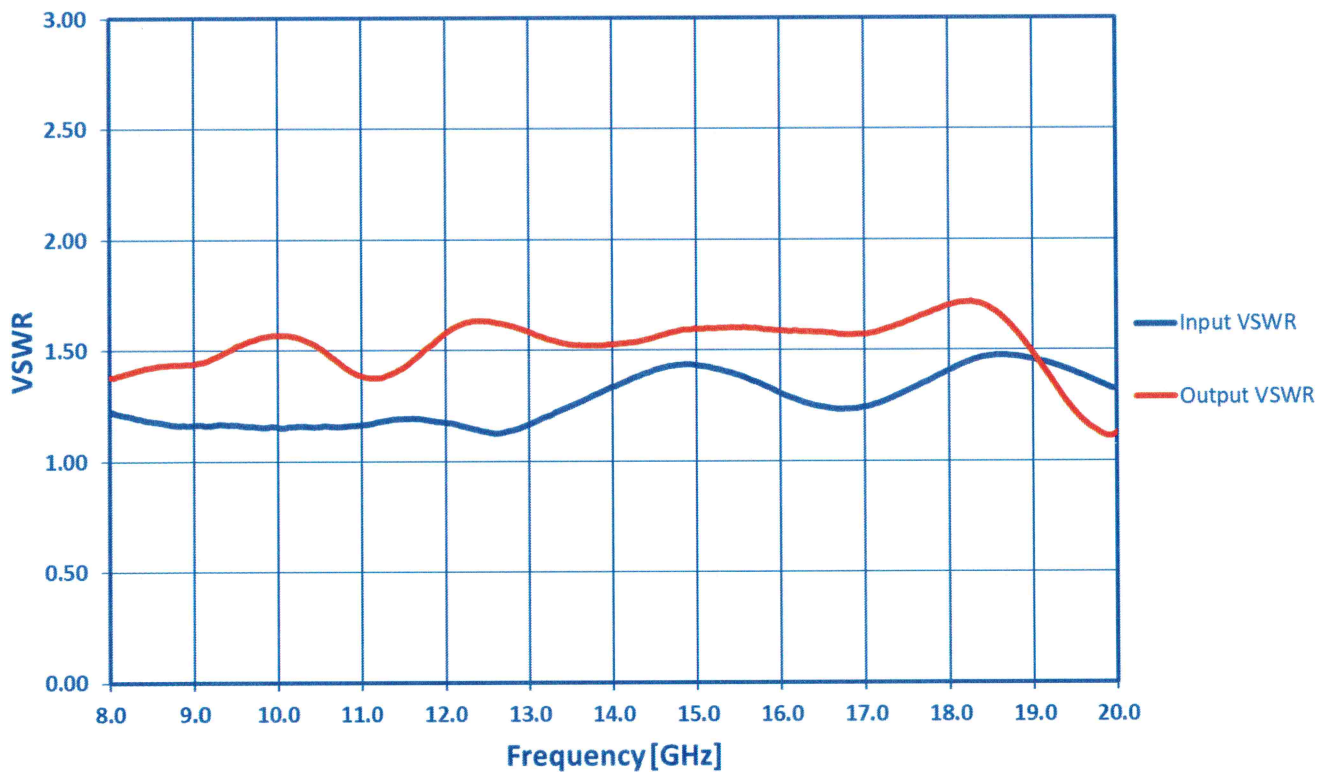
Date:

3-24-25

PL51785 Small Signal Gain



PL51785 VSWR GRAPH



NOISE FIGURE PLOT

