



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

CUSTOMER: _____
SO: _____
MODEL NO: PE2-15-8G20G-4R0-20-SFF
SERIAL NO: PL51784/2512

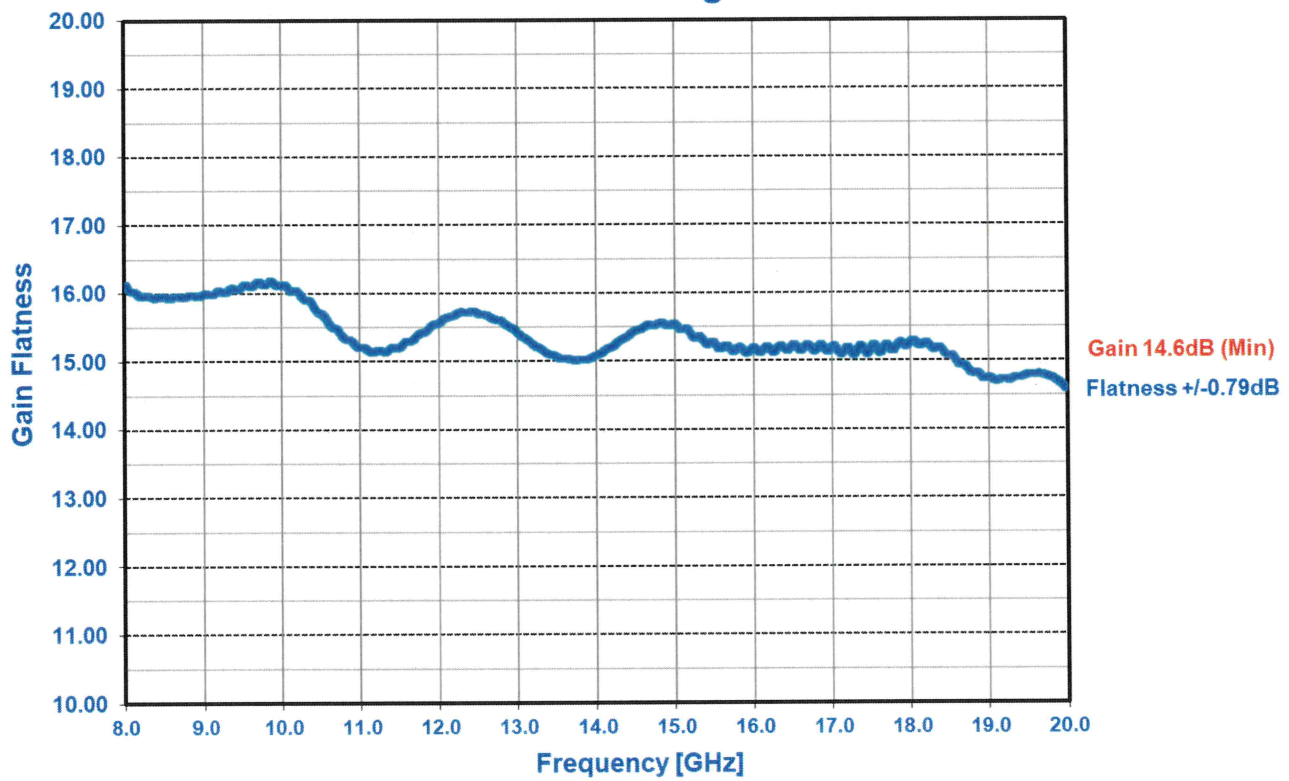
TESTED BY: EA Valdez
TEMPERATURE: +25°C
DATE: 21-Mar-25
DRAWING NO: 27620543 REV: A1

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 QAS
2	Gain:	12 dB Min. 15 dB Nominal	14.6 dB (See Plot)	
3	Gain Flatness:	±1.25 dB Typ. ±1.5 dB Max.	± 0.79 dB	
4	VSWR:	Input: 2.0:1 Output: 2.0:1 (Max.)	1.54:1/1.66:1 (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)	181 mA @ +11V to +15V	

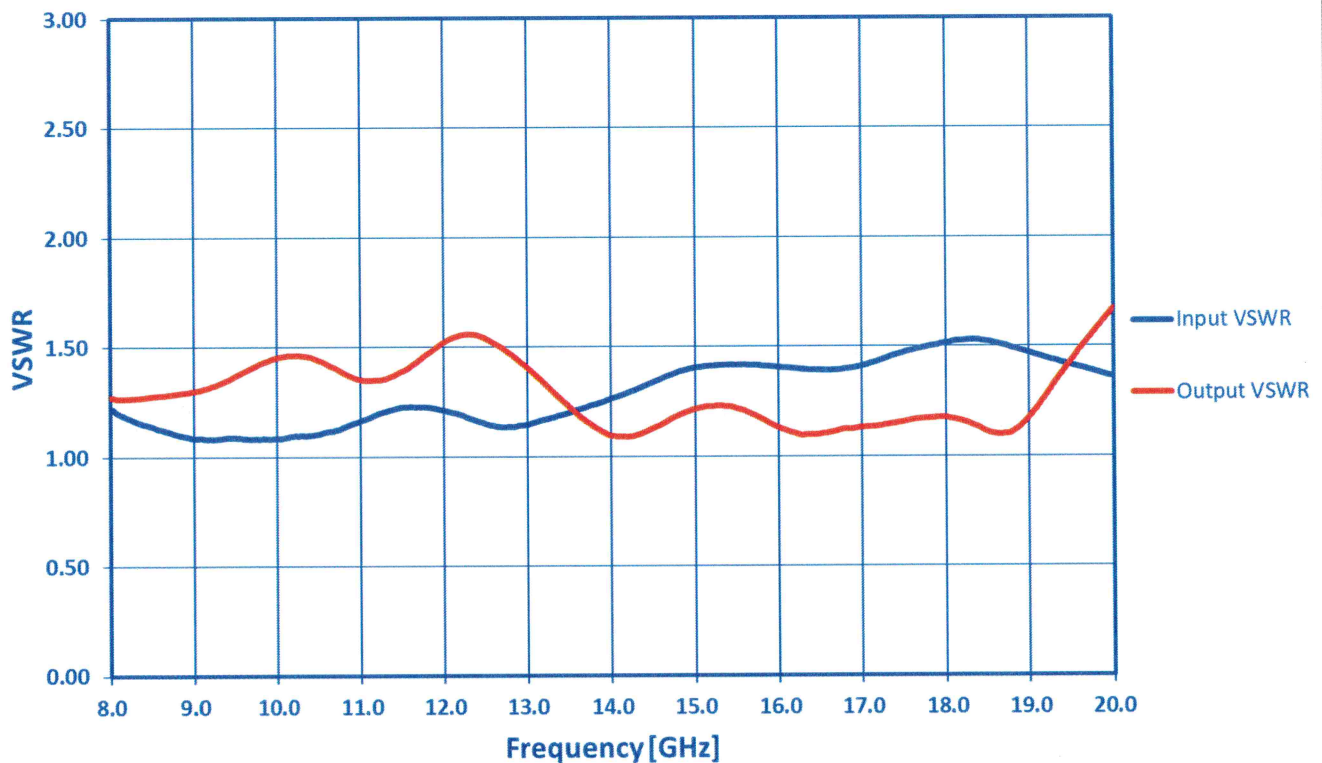
QA/QC Approval: K. Manning

Date: 3-24-25

PL51784 Small Signal Gain



PL51784 VSWR GRAPH



NOISE FIGURE PLOT

