

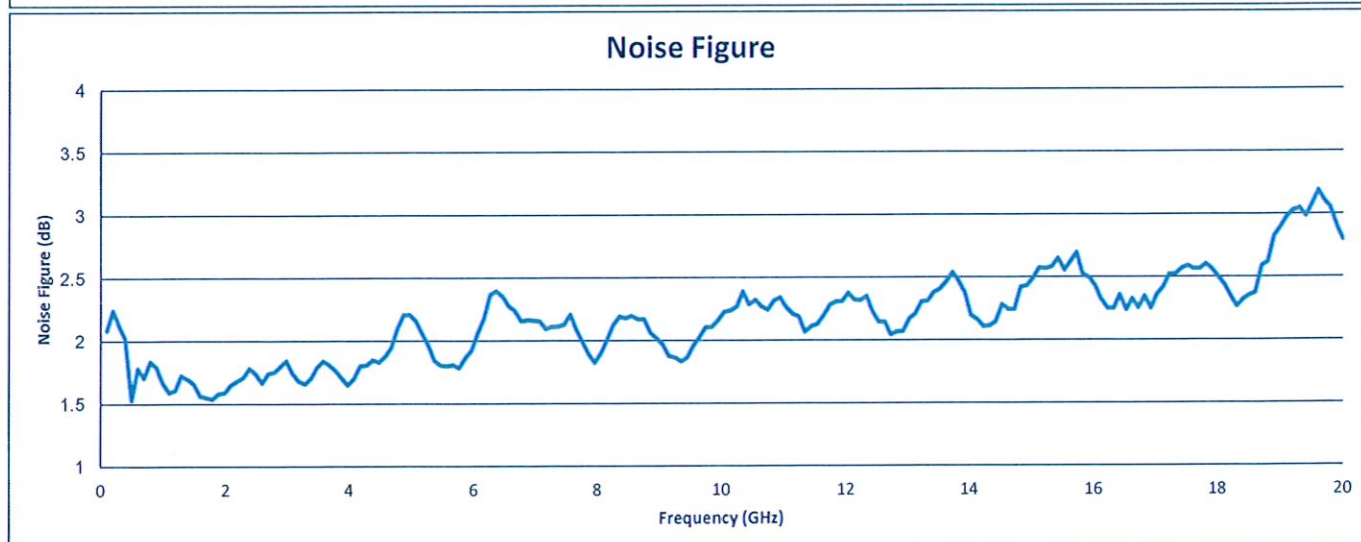
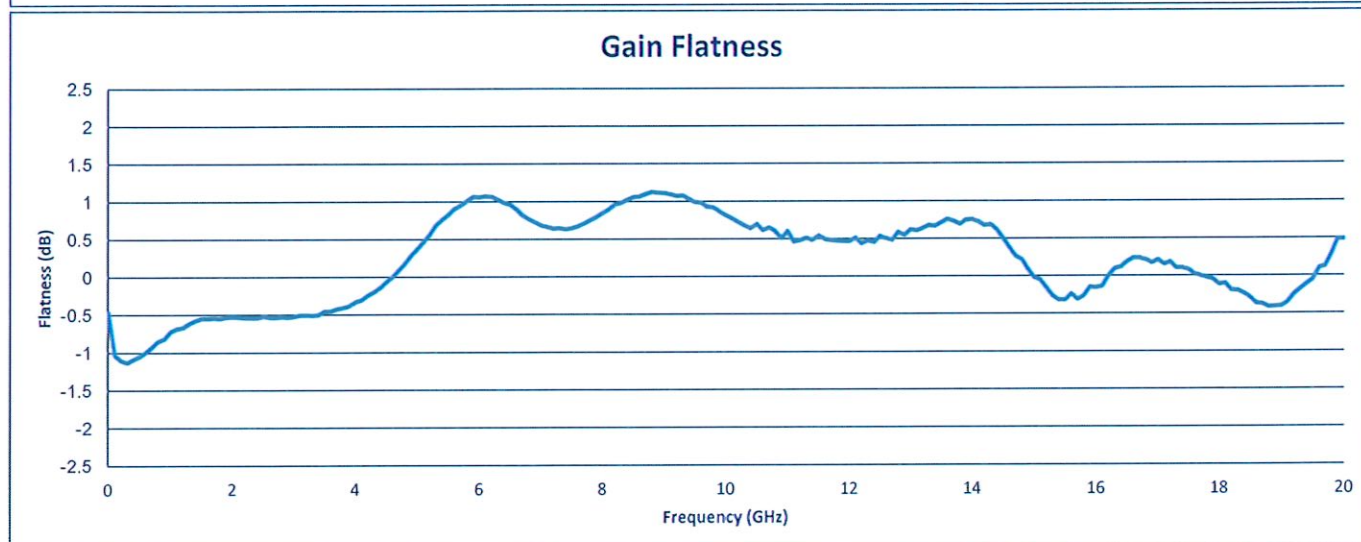
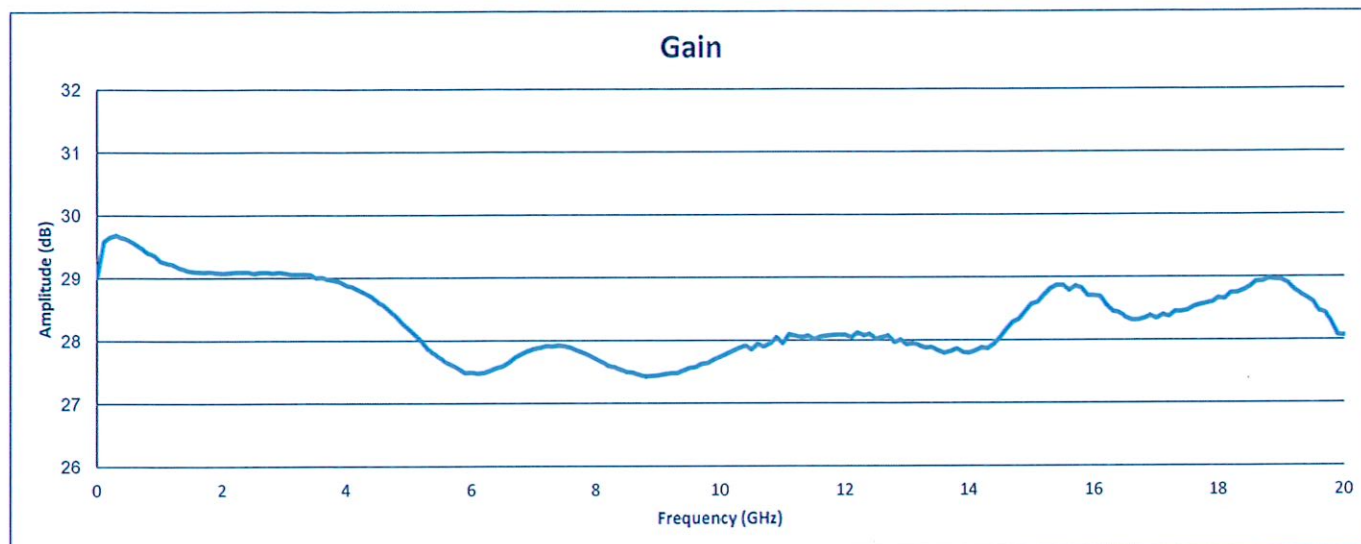


REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	10 MHz to 20.0 GHz	10 MHz to 20.0 GHz	PMI QA4
2	Gain:	+26 dB Min. (10 MHz to 18 GHz) +28 dB Min. (18 GHz to 20 GHz)	+27.4 dB +28.1 dB See Plot	
3	Gain Flatness:	±2.0 dB Max. (10 MHz to 20 GHz)	±1.13 dB See Plot	
4	Noise Figure:	3.5 dB Max. (0.1 GHz to 0.5 GHz) 3.5 dB Max. (0.5 GHz to 18 GHz) 4.0 dB Max. (18 GHz to 20 GHz)	2.24 dB 2.69 dB 3.18 dB See Plot	
5	OP1dB:	+14 dBm Min. (10 MHz to 18 GHz) +13 dBm Min. (18 GHz to 20 GHz)	+14.9 dBm +16 dBm See Plot	
6	Psat:	+15 dBm Min. (10 MHz to 18 GHz) +14 dBm Min. (18 GHz to 20 GHz)	+16.4 dBm +17.8 dBm See Plot	
7	OIP3:	+20 dBm Min. (10 MHz to 20 GHz)	See Typical Characteristics	
8	VSWR Input:	+2.0:1 Max. (10 MHz to 18 GHz) +2.2:1 Max. (18 GHz to 20 GHz)	2:1 2.08:1 See Plot	
9	VSWR Output:	+2.1:1 Max. (10 MHz to 18 GHz) +2.4:1 Max. (18 GHz to 20 GHz)	2.09:1 2.07:1 See Plot	
10	Second Harmonics:	40 dBc Typ. 30 dBc Min. 12 dBc Min. (at P1dB) 12 dBc Typ. (+5 dBm Over P1dB) 12 dBm Typ. (+10 dBm Over P1dB) 12 dBm Typ. (+15 dBm Over P1dB)	See Typical Characteristics	
11	Reverse Isolation:	36 dB Min. (10 MHz to 18 GHz) 35 dB Min. (18 GHz to 20 GHz)	36.9 dB 39.8 dB See Plot	
12	DC Supply	+6 VDC @ 120 mA Max.	128 mA	PMI QA4

Date: 5/24/24

**SUMMARY TEST DATA
ON
PLNA-30-10M20-SFF-DCSMA**



SUMMARY TEST DATA ON PLNA-30-10M20-SFF-DCSMA

