

**SUMMARY TEST DATA
ON
PA-1840-22G-8W-18V-292FF**

Customer: Quantic PMI
SO No: DEMO
Model No: PA-1840-22G-8W-18V-292FF
Serial No: _____

Tested By: Alfredo Lopez
Temperature: +25° C
Date: 1/20/2024
Drawing No: _____ REV: _____

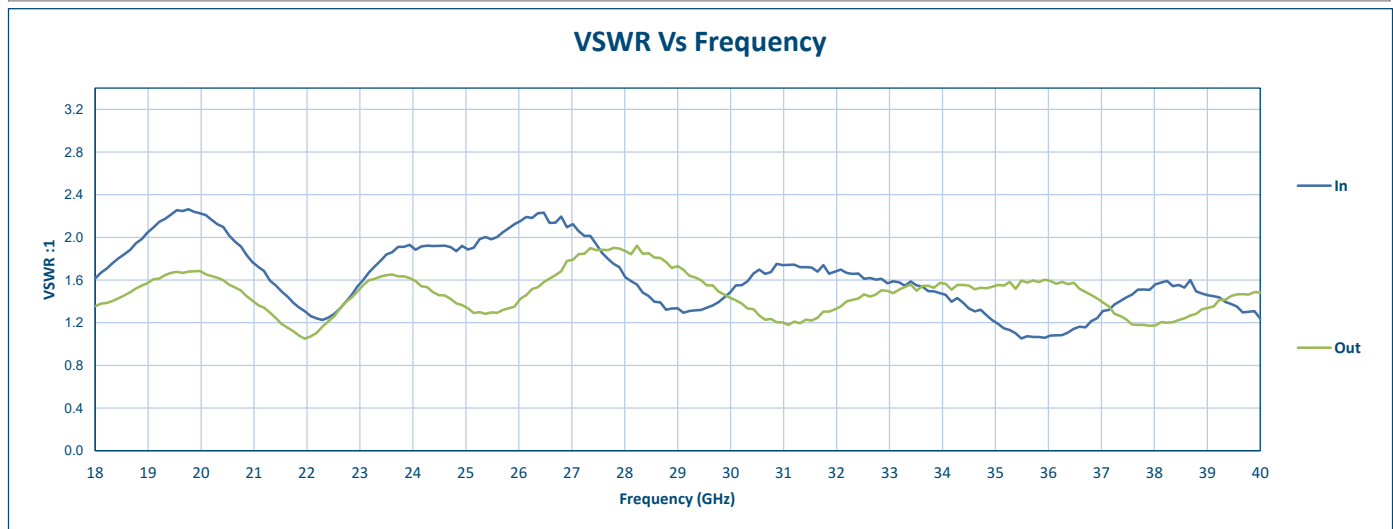
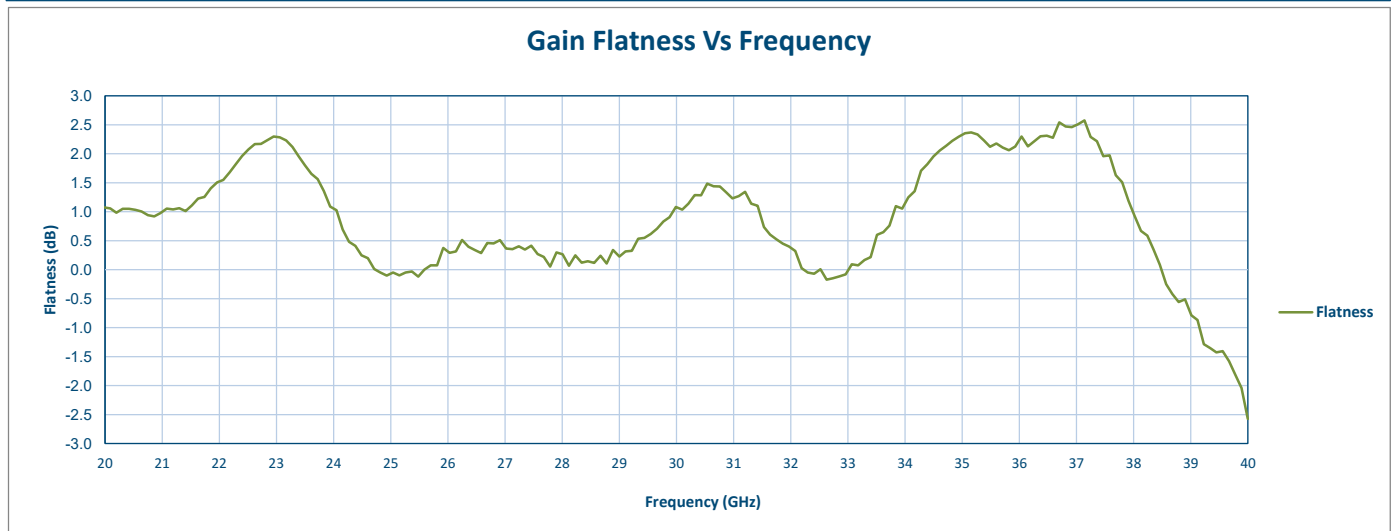
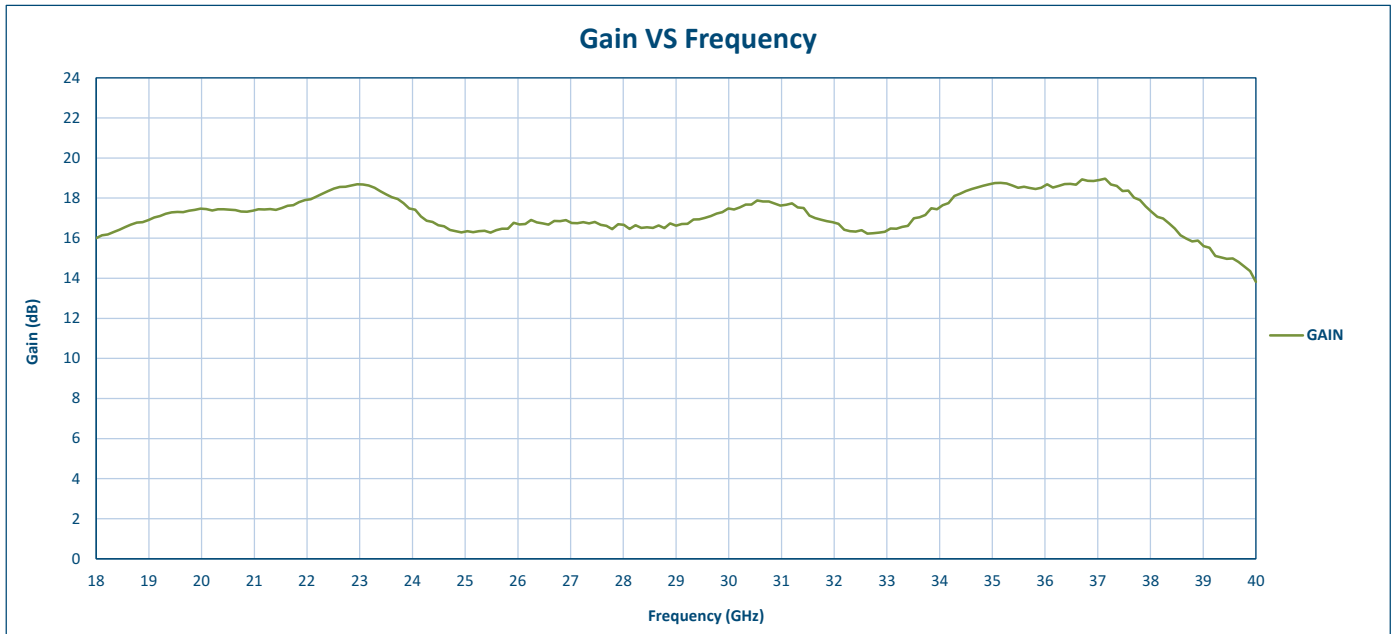
TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
			+25°C	
1	Frequency Range:	18 to 40 GHz	18 to 40 GHz	
2	Gain:	22 dB Typ.	18.97 dB Max. 13.82 dB Min. See Graph	
3	Gain Flatness:	±3 dB Typ.	±2.58 dB See Graph	
4	VSWR: (Input)	2.4:1 Max.	2.26 :1 See Graph	
5	VSWR: (Output)	2.0:1 Max.	1.92 :1 See Graph	
6	PSAT:	8W Typ. (39 dBm)	+38.35 dBm Max. (6.8 Watts)	
			+35.61 dBm Min. (3.64) Watts See Graph	
7	Noise Figure:	10 dB Typ.	10.13 dB See Graph	
8	DC Supply:	+18 VDC @ 2.2 A Max. (No RF Signal) @ 3.0 A Typ. (Psat)	+18 VDC @2.08 A.(No RF) @See Table *	

*Current Psat @ Freq	
18 GHz	3.35 A
20 GHz	3.42 A
24 GHz	3.42 A
28 GHz	3.24 A
30 GHz	3.29 A
32 GHz	3.28 A
34 GHz	3.30 A
36 GHz	3.29 A
38 GHz	3.27 A
40 GHz	2.69 A

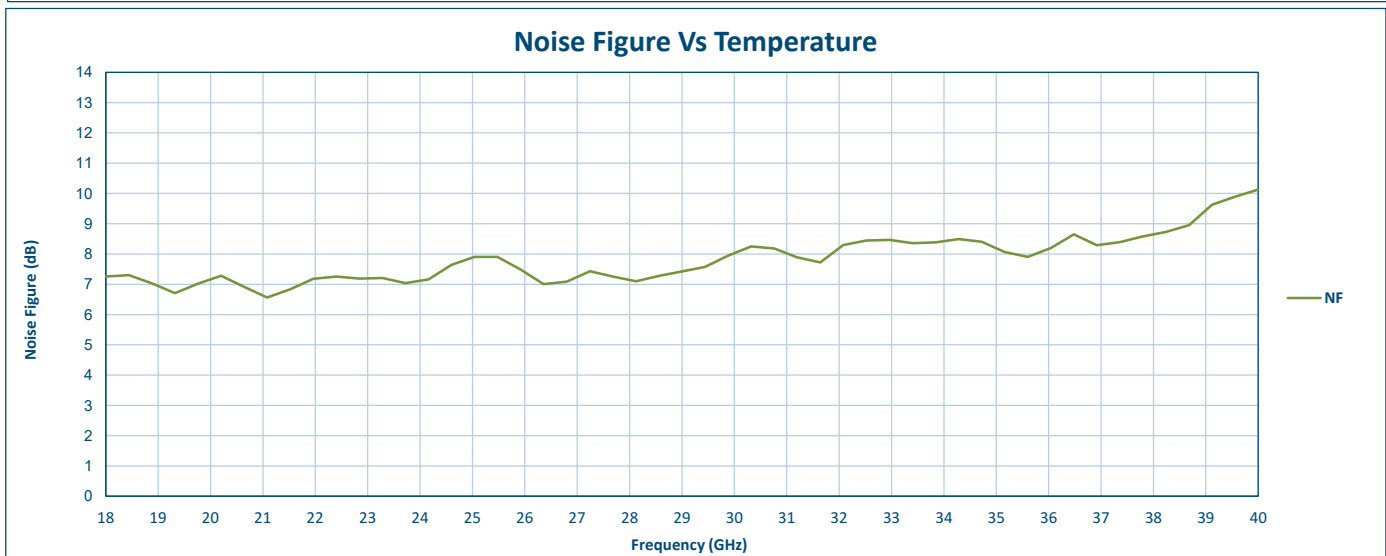
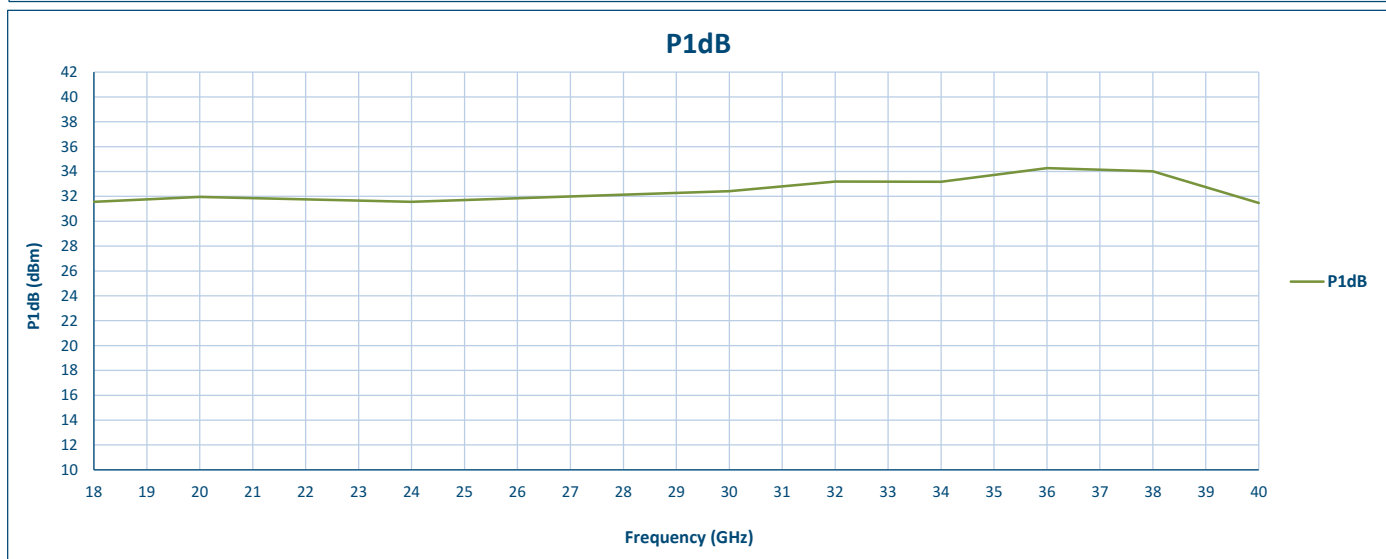
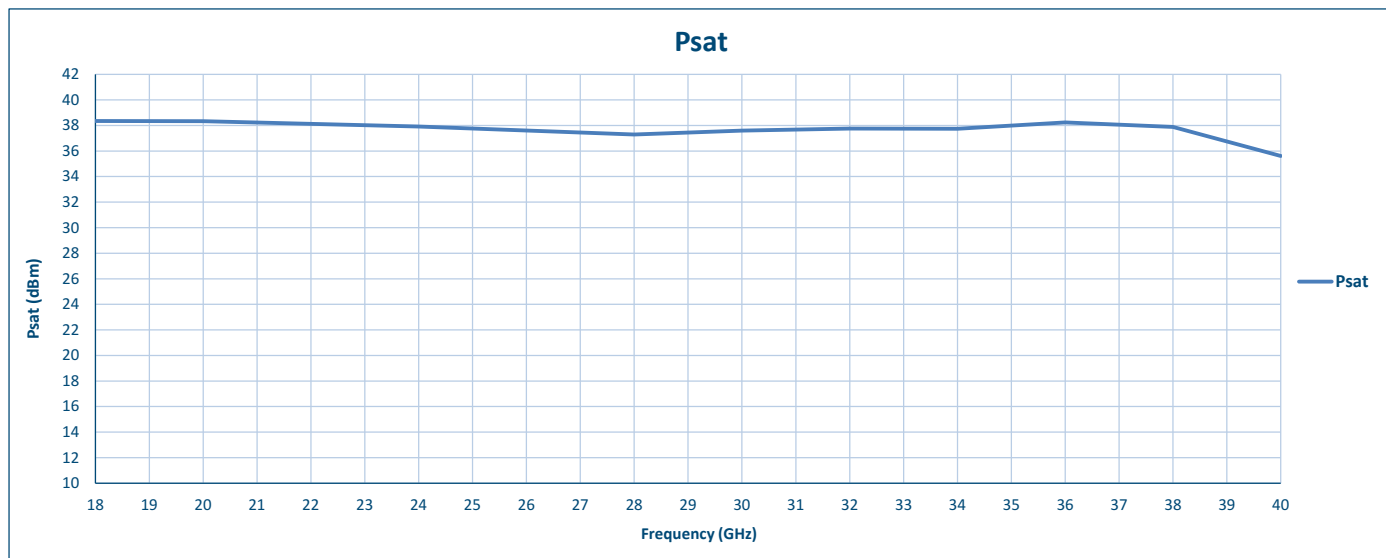
QA/QC Approval: _____

Date: _____

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