

Tested By: Alfredo Lopez

Temperature: +25° C

Date: 10/14/2024

Drawing No: 27645200

REV: A2

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
			+25°C	
1	Frequency Range:	2.0 - 18.0 GHz	2.0 - 18.0 GHz	PMI QA2
2	Gain:	43 dB Typ. 39 dB Min.	41.56 dB See Graph	
3	VSWR:	2.0:1 (In) Max. 2.4:1 (Out) Max.	1.84 :1 In	
			2.21 :1 Out	
			See Graph	
4	Noise Figure:	5.0 dB Max	2.77 dB See Graph	
5	PSAT:	40 dBm (10W) Typ. 36 dBm Min	39.67 dBm Max.	
			37.1 dBm Min.	
			See Graph	
6	Input Power:	20 dBm Max.	Pass See Typical Characteristics	
7	DC Supply:	+22 VDC	+22 VDC & 3,010 mA	
8	Control (Enable)	"1" = +3V ON "0" = 0 V OFF	Pass	PMI QA2

Typical Current

Quiescent current and maximum current	
-40°C	
-30 dBm Input Power	1,860 mA
+20 dBm Input Power	2,550 mA

+25°C	
-30 dBm Input Power	2,150 mA
+20 dBm Input Power	3,200 mA

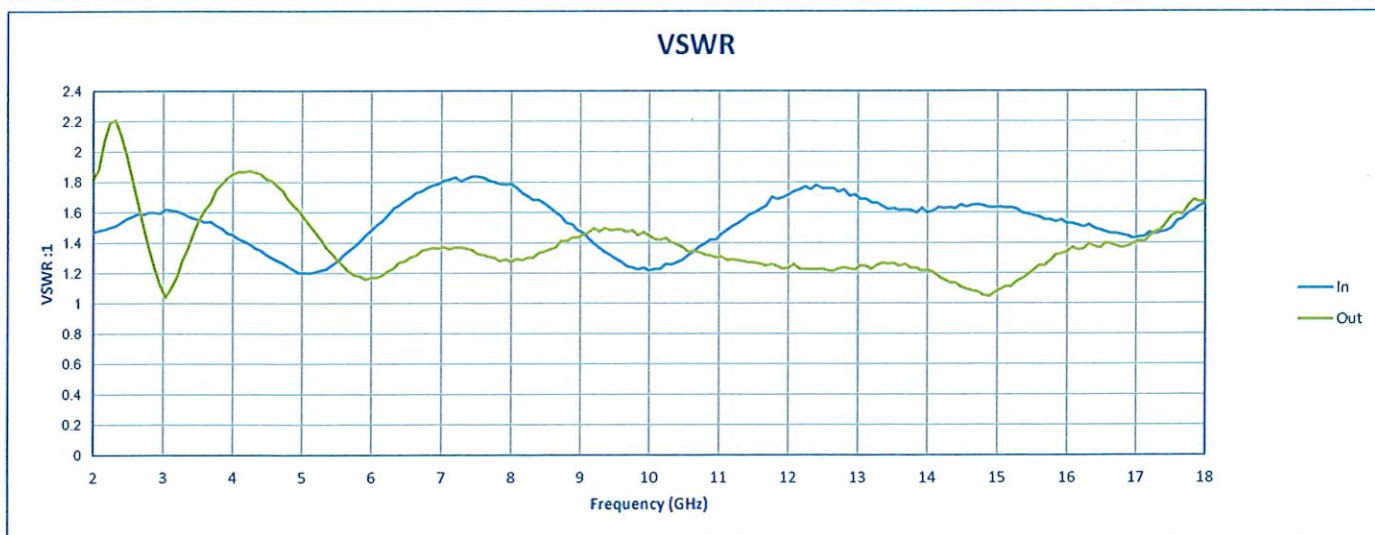
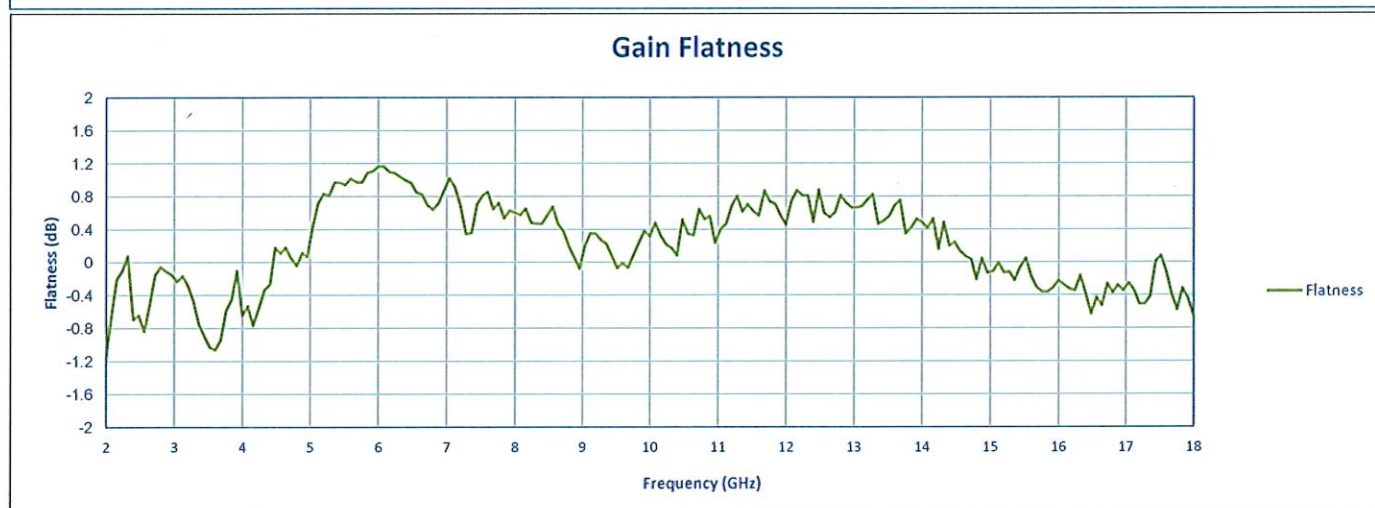
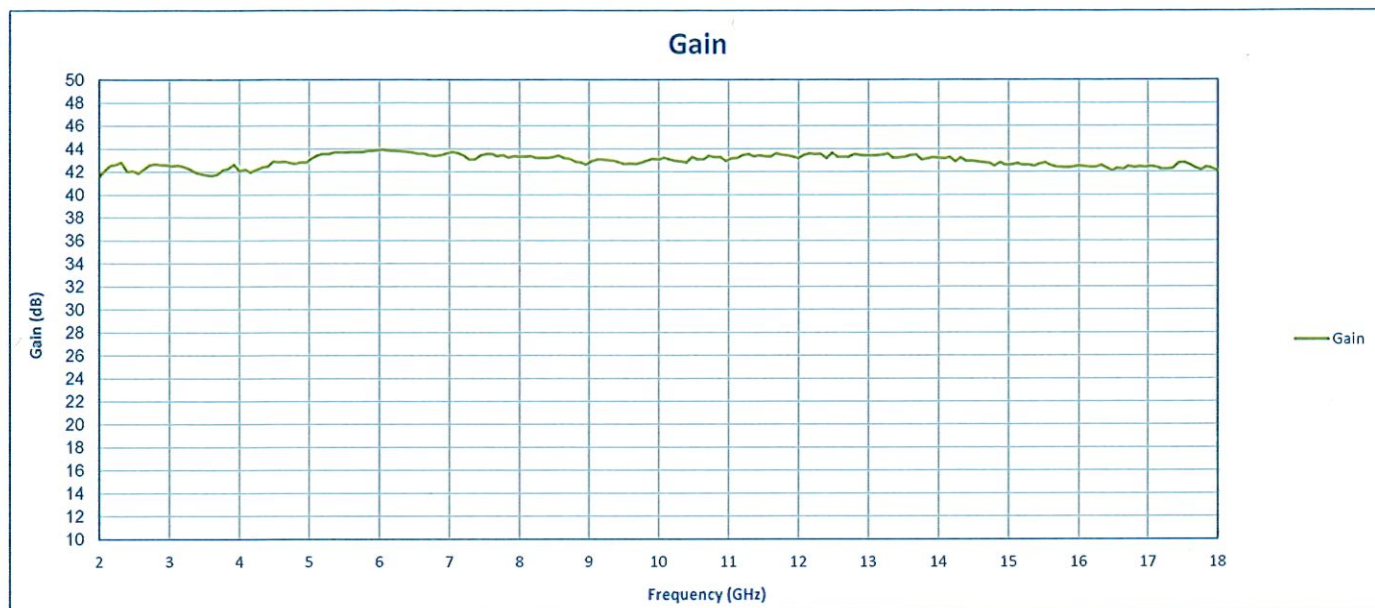
+85°C	
-30 dBm Input Power	2,400 mA
+20 dBm Input Power	3,300 mA

QA/QC Approval:

PMI
QA2

Date: 10/15/2024

SUMMARY TEST ON PA-2G18G-43-5-40-SFF-HS



SUMMARY TEST ON PA-2G18G-43-5-40-SFF-HS

