

**SUMMARY TEST DATA  
ON  
PDVAN-8018-60-8-OPT25DBM**

Customer: \_\_\_\_\_  
Job No: \_\_\_\_\_  
Model No: PDVAN-8018-60-8-OPT25DBM  
Serial No: PL47943/2435

Tested By: K. Mansfield  
Date: Wednesday, August 28, 2024  
Temperature: +25° C  
Drawing No: 27618149 Rev: A2

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	QA QC
1	Frequency Range:	8 GHz to 18 GHz	8 GHz to 18 GHz	PMI QA4
2	Mean Attenuation Range:	60 dB	63 dB	
3	LSB:	0.25 dB	0.2 dB	
4	Insertion Loss:	5.0 dB Max.	3.1 dB See Plot	
5	VSWR:	2.0:1 Max.	1.7:1 See Plot	
6	Power Rating:	+25 dBm CW Min (Operating) +30 dBm CW Max (Survival)	See Typical Characteristics	
7	Attenuation Flatness:	±0.8 dB @ 10 dB Attenuation ±1.1 dB @ 20 dB Attenuation ±1.5 dB @ 40 dB Attenuation ±1.6 dB @ 60 dB Attenuation	±0.51 dB @ 10 dB ±1.05 dB @ 20 dB ±1.7 dB @ 40 dB ±1.62 dB @ 60 dB See Plot	
8	Switching Speed:	800 ns Max.	See Typical Characteristics	
9	Digital Control:	8 Bit Binary TTL	Pass	
10	Input Tracking:	Monotonic	Pass	
11	DC Supply:	+12 to +15VDC @ 150mA Max. -12 to -15VDC @ 75mA Max.	+12 VDC @ 32 mA -12 VDC @ 0 mA	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	0.20	0.05	0.01
10.00	10.19	-0.19	0.51
20.00	19.95	0.05	1.05
30.00	29.89	0.11	1.47
40.00	39.80	0.20	1.70
50.00	49.89	0.11	1.70
60.00	59.93	0.07	1.62
63.75	62.86	0.89	1.48

QA/QC Approval: *Cameron Kelley*

Date: 9/6/24

