

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

Customer: \_\_\_\_\_  
 Job No: \_\_\_\_\_  
 Model No: PDVAN-8018-60-8-OPT25DBM  
 Serial No: PL47942/2435

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	62 dB	
3	LSB:	0.25 dB	0.22 dB	
4	Insertion Loss:	5.0 dB Max.	3.2 dB See Plot	
5	VSWR:	2.0:1 Max.	1.9:1 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	±0.46 dB @ 10 dB ±0.84 dB @ 20 dB ±1.24 dB @ 40 dB ±1.85 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 @ 31 mA -12 VDC @ 0 mA	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	0.22	0.03	0.02
10.00	10.27	-0.27	0.46
20.00	20.02	-0.02	0.84
30.00	29.85	0.15	1.13
40.00	39.94	0.06	1.24
50.00	50.02	-0.02	1.32
60.00	59.51	0.49	1.85
63.75	62.24	1.51	2.09

QA/QC Approval: *Camryn Kelly*

Date: 9/6/24

