

**SUMMARY TEST DATA  
ON  
PDVAN-5010-60-8**

Customer: \_\_\_\_\_  
Job No: \_\_\_\_\_  
Model No: PDVAN-5010-60-8  
Serial No: PL46531/2424

Tested By: K. Mansfield  
Date: Monday, June 10, 2024  
Temperature: +25° C  
Drawing No: 27623766 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	QA QC
1	Frequency Range:	5.0 GHz to 10.0 GHz	5.0 GHz to 10.0 GHz	PMI QA4
2	Mean Attenuation Range:	60 dB	64 dB	
3	Insertion Loss:	2.7 dB Max.	2.4 dB See Plot	
4	VSWR:	2.0:1 Max.	1.4:1 See Plot	
5	Power Rating:	+20 dBm CW Min (Operating) +30 dBm CW Max (Survival)	Pass	
6	Attenuation Flatness:	±0.60 dB @ 10 dB Attenuation ±0.90 dB @ 20 dB Attenuation ±1.5 dB @ 40 dB Attenuation ±1.6 dB @ 60 dB Attenuation	±0.49 dB @ 10 dB ±0.99 dB @ 20 dB ±1.76 dB @ 40 dB ±2.61 dB @ 60 dB See Plot	
7	Switching Speed:	500 nsec Max.	See Typical Characteristics	
8	Digital Control:	8 Bit Positive True, Binary TTL	Pass	
9	Monotonicity:	Guarenteed	Pass	
10	DC Supply:	+12V to +15V @ 150mA Max. -12V to -15V @ 75mA Max.	+12 VDC @ 37 mA -12 VDC @ 0 mA	PMI QA4

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
10.00	10.39	-0.39	0.49
20.00	20.13	-0.13	0.99
30.00	29.77	0.23	1.42
40.00	39.54	0.46	1.76
50.00	49.73	0.27	2.09
60.00	60.22	-0.22	2.61
63.75	63.85	-0.10	2.90

QA/QC Approval: *Cameron Kelley*

Date: 06/10/2024

