

**SUMMARY TEST DATA  
ON  
PVVAN-4080-60-MP**

Customer: \_\_\_\_\_  
 Job No: \_\_\_\_\_  
 Model No: PVVAN-4080-60-MP  
 Serial No: 92544  
 Part No: \_\_\_\_\_

Tested By: K. Mansfield  
 Temperature: +25° C  
 Date: Friday, October 18, 2019  
 Drawing No: 27622595 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	4.0 GHz to 8.0 GHz	4.0 GHz to 8.0 GHz	PMI QA1	
2	Mean Attenuation Range:	60 dB	60.8 dB See Plot		
3	Insertion Loss:	2.5 dB Max.	1.9 dB See Plot		
4	VSWR:	2.0:1 Max	1.4:1 See Plot		
5	Power Rating:	+20 dBm (Operating) +30 dBm (Survival)	Pass		
6	Attenuation Flatness:	± 0.5 dB Typ. @ 10 dB ± 1.0 dB Typ. @ 20 dB ± 1.5 dB Typ. @ 40 dB ± 1.6 dB Typ. @ 60 dB	± 0.28 dB @ 10 dB ± 0.74 dB @ 20 dB ± 1.49 dB @ 40 dB ± 2.09 dB @ 60 dB See Plot		
7	Switching Time:	500 ns Max.	< 80 ns See Typical Characteristics		
8	Control:	10 dB / Volt Analog Controlled	Pass		
9	Power Supply:	+12 VDC @ 100 mA Typ. -12 VDC @ 50 mA Typ.	+12 VDC @ 30 mA -12 VDC @ 0 mA		PMI QA1

Voltage Control (V)	Programmed Attenuation (dB)	Attenuation (dB)	Accuracy of Attenuation (dB)	Flatness (± dB)
1	10	11.30	1.30	0.28
2	20	21.77	1.77	0.74
3	30	32.12	2.12	1.17
4	40	42.45	2.45	1.49
5	50	51.15	1.15	1.73
6	60	60.76	0.76	2.09

QA/QC Approval:  PMI QA1

Date: 10/18/19

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