

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

Customer: \_\_\_\_\_ Tested By: G. Radtke  
 Job No: \_\_\_\_\_ Temperature: +25° C  
 Model No: PVVAN-4080-60-MP Date: 3/2/2021  
 Serial No: 12986 Drawing No: 27622596 Rev: A1  
 Part No: \_\_\_\_\_

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	<b>PMI QA2</b>	
2	Mean Attenuation Range:	60 dB	60 dB See Plot		
3	Insertion Loss:	2.5 dB Max.	1.9 dB See Plot		
4	VSWR:	2.0:1 Max	1.5:1 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	± 0.3 dB @ 10 dB ± 0.47 dB @ 20 dB ± 0.99 dB @ 40 dB ± 1.41 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		<b>PMI QA2</b>

Voltage Control (V)	Programmed Attenuation (dB)	Attenuation (dB)	Accuracy of Attenuation (dB)	Flatness (± dB)
1	10	10.01	0.01	0.30
2	20	20.03	0.03	0.47
3	30	30.03	0.03	0.80
4	40	40.03	0.03	0.99
5	50	50.11	0.11	1.14
6	60	59.97	-0.03	1.41

QA/QC Approval:   **PMI QA2**

Date: 3/4/21

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