

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

Customer: \_\_\_\_\_  
 Job No: \_\_\_\_\_  
 Model No: PVVAN-4080-60-MP  
 Serial No: 12990  
 Part No: \_\_\_\_\_

Tested By: G. Radtke  
 Temperature: +25° C  
 Date: 3/2/2021  
 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 QA 2	
2	Mean Attenuation Range:	60 dB	58.8 dB See Plot		
3	Insertion Loss:	2.5 dB Max.	2.1 dB See Plot		
4	VSWR:	2.0:1 Max	1.3:1 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	± 0.11 dB @ 10 dB ± 0.42 dB @ 20 dB ± 1.24 dB @ 40 dB ± 1.72 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 QA 2

Voltage Control (V)	Programmed Attenuation (dB)	Attenuation (dB)	Accuracy of Attenuation (dB)	Flatness (± dB)
1	10	10.01	0.01	0.11
2	20	20.04	0.04	0.42
3	30	30.00	0.00	0.89
4	40	40.03	0.03	1.24
5	50	49.98	-0.02	1.45
6	60	58.80	-1.20	1.72

QA/QC Approval:  PMI QA 2 

Date: 3/4/21

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