

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

Customer: \_\_\_\_\_  
 Job No: \_\_\_\_\_  
 Model No: PVVAN-4080-60-MP  
 Serial No: 13031  
 Part No: \_\_\_\_\_

Tested By: G.Radtke  
 Temperature: +25° C  
 Date: Wednesday, March 17, 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 QA2	
2	Mean Attenuation Range:	60 dB	60.3 dB See Plot		
3	Insertion Loss:	2.5 dB Max.	2.2 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	± 0.23 dB @ 10 dB ± 0.72 dB @ 20 dB ± 1.56 dB @ 40 dB ± 2.01 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 @ 28 mA -12 VDC @ 0 mA		PMI QA2

Voltage Control (V)	Programmed Attenuation (dB)	Attenuation (dB)	Accuracy of Attenuation (dB)	Flatness (± dB)
1	10	10.25	0.25	0.23
2	20	20.35	0.35	0.72
3	30	30.50	0.50	1.22
4	40	40.65	0.65	1.56
5	50	50.76	0.76	1.78
6	60	60.30	0.30	2.01

QA/QC Approval:  PMI QA2 

Date: 3/17/21

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

