

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

Customer: _____
 Job No: _____
 Model No: PVVAN-4080-60-MP
 Serial No: 92201
 Part No: _____

Tested By: K. Mansfield
 Temperature: +25° C
 Date: Tuesday, May 28, 2019
 Drawing No: 27622595 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC PMI QA 1	
1	Frequency Range:	4.0 GHz to 8.0 GHz	4.0 GHz to 8.0 GHz		
2	Mean Attenuation Range:	60 dB	60.6 dB See Plot		
3	Insertion Loss:	2.5 dB Max.	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	± 0.24 dB @ 10 dB ± 0.64 dB @ 20 dB ± 1.34 dB @ 40 dB ± 1.86 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 @ 29 mA -12 VDC @ 0 mA		PMI QA 1

Voltage Control (V)	Programmed Attenuation (dB)	Attenuation (dB)	Accuracy of Attenuation (dB)	Flatness (± dB)
1	10	10.23	0.23	0.24
2	20	20.15	0.15	0.64
3	30	29.99	-0.01	1.04
4	40	40.26	0.26	1.34
5	50	50.51	0.51	1.57
6	60	60.64	0.64	1.86

QA/QC Approval:  _____
 PMI
QA 1

Date: 5/28/19

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