

SUMMARY TEST DATA
ON
PVVAN-4080-60-MP

Customer: _____
 Job No: _____
 Model No: PVVAN-4080-60-MP
 Serial No: 92200
 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
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	60.5 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	± 0.26 dB @ 10 dB ± 0.63 dB @ 20 dB ± 1.12 dB @ 40 dB ± 1.45 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	

Voltage Control (V)	Programmed Attenuation (dB)	Attenuation (dB)	Accuracy of Attenuation (dB)	Flatness (± dB)
1	10	10.41	0.41	0.26
2	20	20.38	0.38	0.63
3	30	30.32	0.32	0.95
4	40	40.51	0.51	1.12
5	50	50.57	0.57	1.30
6	60	60.50	0.50	1.45

QA/QC Approval:  PMI QA1

Date: 5/28/19

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92200

