

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: 12989 Drawing No: 27622595 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	PMI QA 2	
2	Mean Attenuation Range:	60 dB	59.5 dB See Plot		
3	Insertion Loss:	2.5 dB Max.	2.2 dB See Plot		
4	VSWR:	2.0:1 Max	1.6:1 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	± 0.22 dB @ 10 dB ± 0.41 dB @ 20 dB ± 1.02 dB @ 40 dB ± 1.48 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	0.22
2	20	20.03	0.03	0.41
3	30	30.02	0.02	0.72
4	40	40.05	0.05	1.02
5	50	49.97	-0.03	1.22
6	60	59.49	-0.51	1.48

QA/QC Approval:  PMI
QA 2 

Date: 3/4/21

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