

SUMMARY TEST DATA ON PVVAN-4080-60-MP

Customer: _____	Tested By: <u>G.Radtke</u>
Job No: _____	Temperature: <u>+25° C</u>
Model No: <u>PVVAN-4080-60-MP</u>	Date: <u>Wednesday, March 17, 2021</u>
Serial No: <u>13035</u>	Drawing No: <u>27622595</u> Rev: <u>A1</u>
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	59.6 dB See Plot		
3	Insertion Loss:	2.5 dB Max.	2.3 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	± 0.39 dB @ 10 dB ± 0.93 dB @ 20 dB ± 1.77 dB @ 40 dB ± 2.2 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 QA 2

Voltage Control (V)	Programmed Attenuation (dB)	Attenuation (dB)	Accuracy of Attenuation (dB)	Flatness (± dB)
1	10	10.70	0.70	0.39
2	20	20.70	0.70	0.93
3	30	30.89	0.89	1.46
4	40	40.18	0.18	1.77
5	50	49.73	-0.27	2.01
6	60	59.61	-0.39	2.20

QA/QC Approval: _____




PMI
QA 2

Date: _____

3/17/21

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