



# SUMMARY TEST DATA ON PDVAN-4080-60-8

Customer: \_\_\_\_\_  
 Job No: \_\_\_\_\_  
 Model No: PDVAN-4080-60-8  
 Serial No: PL23274/1834

Tested By: E. Kretz  
 Temperature: +25°C  
 Date: 08/22/18  
 Drawing No: 27634940 Rev: A2

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC
1	Frequency Range:	4 GHz to 8 GHz	4 GHz to 8 GHz	
2	Insertion Loss:	2.5 dB Max.	1.9 dB	
3	VSWR:	2.0 :1 Max.	1.6 :1	
4	Flatness @ 10dB:	± 0.5 dB Typ.	0.26 dB	
5	Flatness @ 20dB:	± 0.87 dB Typ.	0.56 dB	
6	Flatness @ 40dB:	± 1.5 dB Typ.	1.21 dB	
7	Flatness @ 60dB:	± 1.6 dB Typ.	1.77 dB	
8	Accuracy of Attenuation 0 to 30 dB:		0.91 dB	
9	Accuracy of Attenuation 30 to 60 dB:		0.38 dB	
10	Switching Speed:	500 nsec MAX	200 nsec (See Typical Characteristics)	
11	DC Supply:	+15VDC @ 150 mA -15VDC @ 75 mA	+15 VDC @ 40 mA -15 VDC @ 0 mA	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	0.01	0.24	0.01
0.50	0.05	0.45	0.01
1.00	0.27	0.73	0.02
2.00	1.12	0.88	0.05
4.00	3.12	0.88	0.11
8.00	7.29	0.71	0.21
16.00	15.61	0.39	0.43
32.00	32.04	-0.04	0.97
63.75	63.41	0.34	2.00

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.09	0.91	0.14
10.00	9.37	0.63	0.26
15.00	14.48	0.52	0.40
20.00	19.62	0.38	0.56
25.00	24.81	0.19	0.73
30.00	29.85	0.15	0.89
35.00	35.03	-0.03	1.07
40.00	40.18	-0.18	1.21
45.00	45.18	-0.18	1.33
50.00	50.36	-0.36	1.48
55.00	55.36	-0.36	1.58
60.00	60.38	-0.38	1.77

QA/QC Approval: \_\_\_\_\_

Date: \_\_\_\_\_



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