



SUMMARY TEST DATA ON PDVAN-6012-60-8

Customer: _____
 Job No: 11-069
 Model No: PDVAN-6012-60-8
 Serial No: PL9688

Tested By: P Kuhn/K. Mansfield
 Date: Thursday, November 03, 2011
 Time: 12:47 PM

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC
1	Frequency Range:	6 GHz – 12 GHz	6 GHz – 12 GHz	
2	Insertion Loss:	2.8 dB Max.	2.4 dB	
3	VSWR:	2.0 :1 Max.	1.96 :1	
4	Flatness @ 10dB:	± 0.7 dB Typ.	0.53 dB	
5	Flatness @ 20dB:	± 1.0 dB Typ.	0.67 dB	
6	Flatness @ 40dB:	± 1.5 dB Typ.	0.93 dB	
7	Flatness @ 60dB:	± 1.6 dB Typ.	1.58 dB	
8	Accuracy of Attenuation 0 to 30 dB:		0.39 dB	
9	Accuracy of Attenuation 30 to 60 dB:		0.39 dB	
10	Switching Speed:	0.5 uSEC MAX	0.4 uSEC	
11	DC Supply:	+12VDC @ 150 mA -12VDC @ 75 mA	+12 VDC @ 40 mA -12 VDC @ 0 mA	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.06	0.00	0.06	0.01
0.13	0.00	0.12	0.01
0.25	0.19	0.06	0.03
0.50	0.42	0.08	0.04
1.00	0.91	0.09	0.08
2.00	1.95	0.05	0.15
4.00	4.02	-0.02	0.28
8.00	8.08	-0.08	0.47
16.00	15.74	0.26	0.63
32.00	31.69	0.31	0.84
62.00	61.70	0.30	1.41
63.94	63.52	0.41	1.67

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.06	-0.06	0.34
10.00	10.04	-0.04	0.53
15.00	14.75	0.25	0.62
20.00	19.61	0.39	0.67
25.00	24.67	0.33	0.71
30.00	29.64	0.36	0.81
35.00	34.80	0.20	0.88
40.00	39.99	0.01	0.93
45.00	44.99	0.01	0.99
50.00	50.39	-0.39	1.02
55.00	55.09	-0.09	1.33
60.00	60.27	-0.27	1.58

Production Manager Approval: _____

Date: _____

QA/QC Approval: _____

Date: _____

ATTENUATION PLOT ON PDVAN-6012-60-8

