



**Summary Test Data
On
PDVAN-8018-120-8**

Customer: _____
 Job No: _____
 Model No: PDVAN-8018-120-8
 Serial No: PL34345/2143

Tested By: E. Kretz
 Date: Friday, October 22, 2021
 Temperature: +25C
 Drawing No: 27641560 Rev: A1

Test Item No:	Parameters	Specified Value	Measured Value	QA QC PMI QA 2
1	Frequency Range:	8 GHz to 18 GHz	8 GHz to 18 GHz	
2	Insertion Loss:	8.5 dB MAX	7.9 dB See Plot	
3	VSWR:	2.0:1 MAX at 0 dB Attenuation	IN: 1.7:1 OUT: 1.7:1 See Plot	
4	Flatness to 10 dB:	±0.8 dB	±0.48 dB See Plot	
5	Flatness to 20 dB:	±1.1 dB	±0.58 dB See Plot	
6	Flatness to 40 dB:	±1.5 dB	±0.9 dB See Plot	
7	Flatness to 60 dB:	±1.6 dB	±1.33 dB See Plot	
8	Flatness to 80 dB:	±2.5 dB	±1.88 dB See Plot	
9	Flatness to 100 dB:	±3.2 dB	±2.96 dB See Plot	
10	Accuracy of Attenuation: 0 to 50 dB	±1.0 dB	±0.93 dB See Plot	
11	Accuracy of Attenuation: 50 to 60 dB	±1.5 dB	±0.63 dB See Plot	
12	Accuracy of Attenuation: 60 to 80 dB	±2.0 dB	±1.2 dB See Plot	
13	Accuracy of Attenuation: 80 to 120 dB	±2.5 dB	±1.38 dB See Plot	
14	Switching Speed:	3 usec MAX	1.1 usec	
15	DC Supply:	+8V @ 700 mA Max	677 mA	PMI QA 2

Programmed Attenuation	Measured Average	Accuracy	Flatness (±)
0.5	0.49	-0.01	0.04
1	0.93	-0.07	0.08
2	1.72	-0.28	0.14
4	3.62	-0.38	0.26
8	7.34	-0.66	0.42
16	15.07	-0.93	0.58
32	31.37	-0.63	0.76
64	64.64	0.64	1.47
100	101.38	1.38	1.78
120	121.25	1.25	4.67

Programmed Attenuation	Measured Average	Accuracy	Flatness (±)
10	9.22	-0.78	0.48
20	19.16	-0.84	0.56
30	29.19	-0.81	0.71
40	39.68	-0.32	0.90
50	49.84	-0.16	1.14
60	60.63	0.63	1.33
70	70.74	0.74	1.47
80	81.20	1.20	1.88
90	90.88	0.88	2.96
110	111.18	1.18	2.47

QA/QC Approval: 

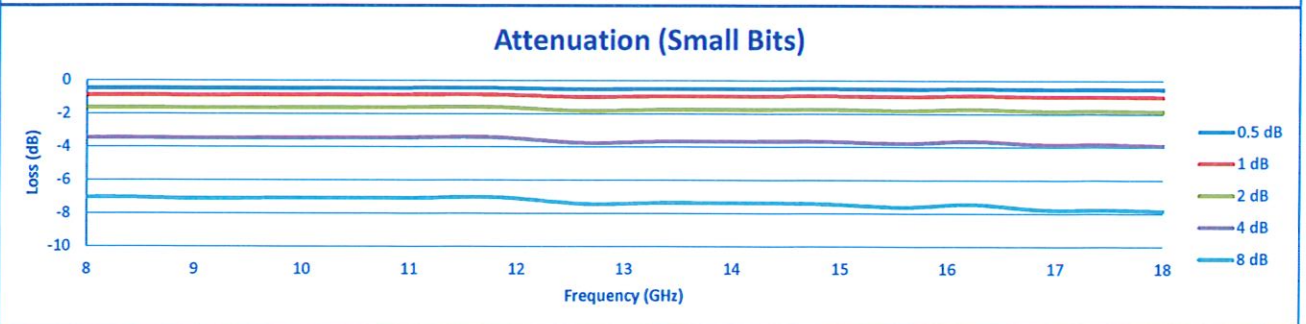
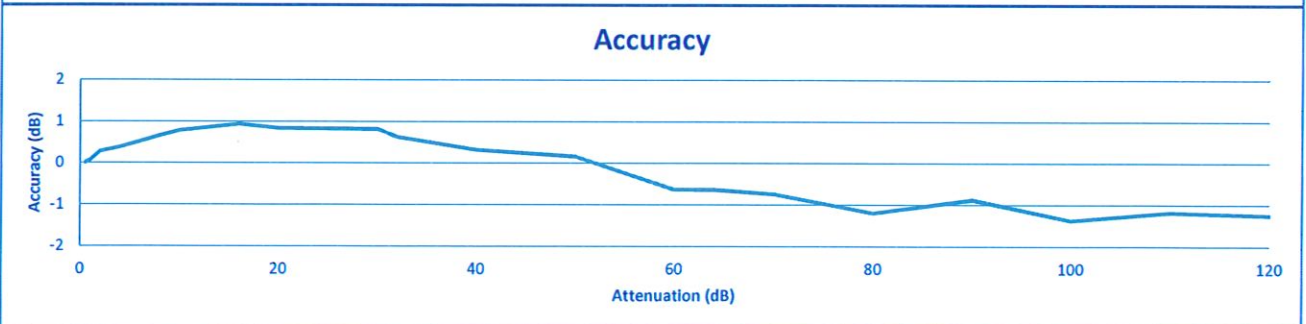
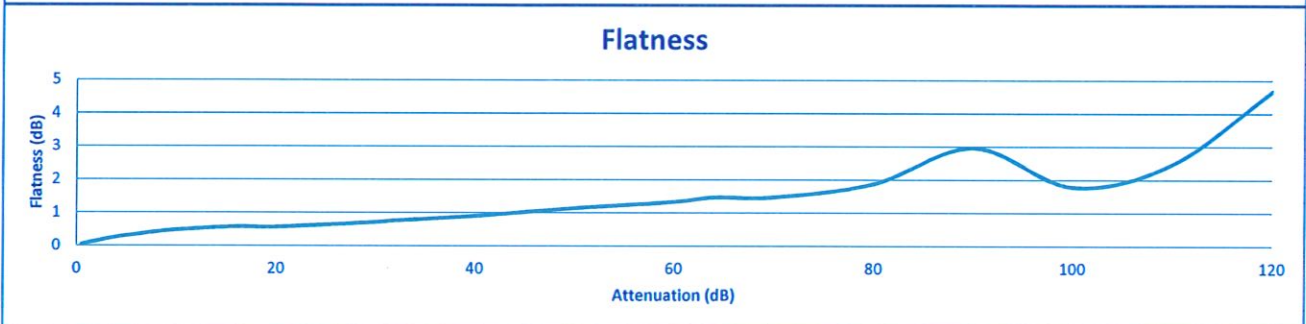
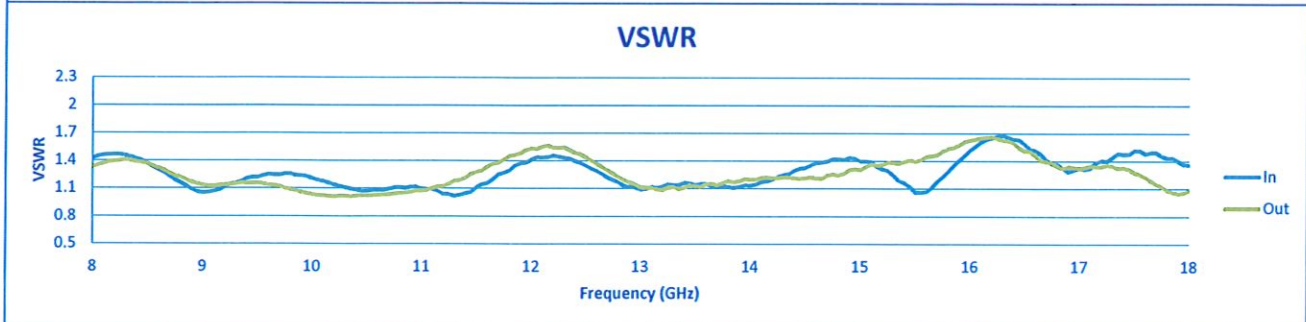
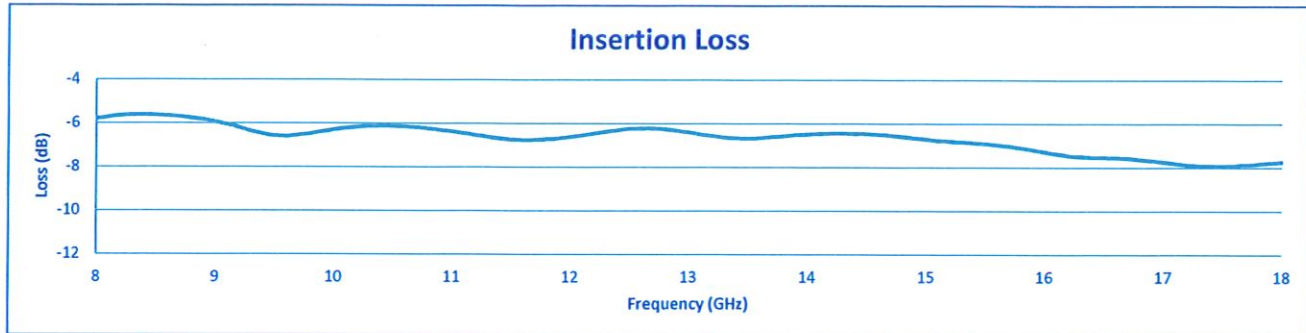
PMI
QA 2

Date: 10/29/2021



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