Quantic PMI
PLANAR MONOLITHICS

Summary Test Data
On
DTA-200M18G-100-CD-EXT

Customer:
Job No:
Model No: DTA-200M18G-100-CD-EXT
Serial No: PL55107/2543

Tested By: W. Gonzalez
Date: Thursday, October 16, 2025
Temperature: +25° C
Drawing No: 27635200 Rev: A1

Test Item No:	Parameters	Specified Value	Measured Value	QA QC
1	Frequency Range:	200 MHz to 18 GHz	200 MHz to 18 GHz	PMI QA2
2	Insertion Loss:	12 dB Max.	10.2 dB See Plot	
3	VSWR:	2.4:1 Max.	IN: 2:1 OUT: 1.9:1 See Plot	
4	Flatness to 20 dB:	±1.0 dB Typ.	±1.02 dB See Plot	
5	Flatness to 40 dB:	±1.25 dB Typ.	±1.15 dB See Plot	
6	Flatness to 60 dB:	±1.5 dB Typ.	±2.95 dB See Plot	
7	Flatness to 80 dB:	±2.0 dB Typ.	±3.25 dB See Plot	
8	Flatness to 100 dB:	±3.0 dB Typ.	±5.29 dB See Plot	
9	Accuracy of Attenuation: to 20 dB	±1.0 dB Typ.	±1.05 dB See Plot	
10	Accuracy of Attenuation: to 40 dB	±1.25 dB Typ.	±1.12 dB See Plot	
11	Accuracy of Attenuation: to 60 dB	±1.5 dB Typ.	±1.51 dB See Plot	
12	Accuracy of Attenuation: to 80 dB	±2.0 dB Typ.	±1.51 dB See Plot	
13	Accuracy of Attenuation: to 100 dB	±3.0 dB Typ.	±2.07 dB See Plot	
14	Switching Speed:	ON: 1.0 µs Max. OFF: 0.5 µs Max.	ON: <0.6 µs OFF: <0.3 µs	
15	DC Supply:	+8 VDC @ 700 mA	493 mA	PMI QA2

Programmed Attenuation	Measured Average	Accuracy	Flatness (±)
0.5	0.60	0.10	0.21
1	1.01	0.01	0.21
2	1.90	-0.10	0.23
4	4.31	0.31	0.38
8	8.13	0.13	0.68
16	16.82	0.82	1.02
32	33.12	1.12	0.88
64	64.13	0.13	2.98
100	101.34	1.34	5.29

Programmed Attenuation	Measured Average	Accuracy	Flatness (±)
10	10.54	0.54	0.81
20	21.05	1.05	1.00
30	29.61	-0.39	0.76
40	40.42	0.42	1.15
50	51.51	1.51	2.95
60	60.11	0.11	2.93
70	69.78	-0.22	1.72
80	80.07	0.07	3.25
90	92.07	2.07	2.60

QA/QC Approval: PMI QA2 Date: 10/28/2025

7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

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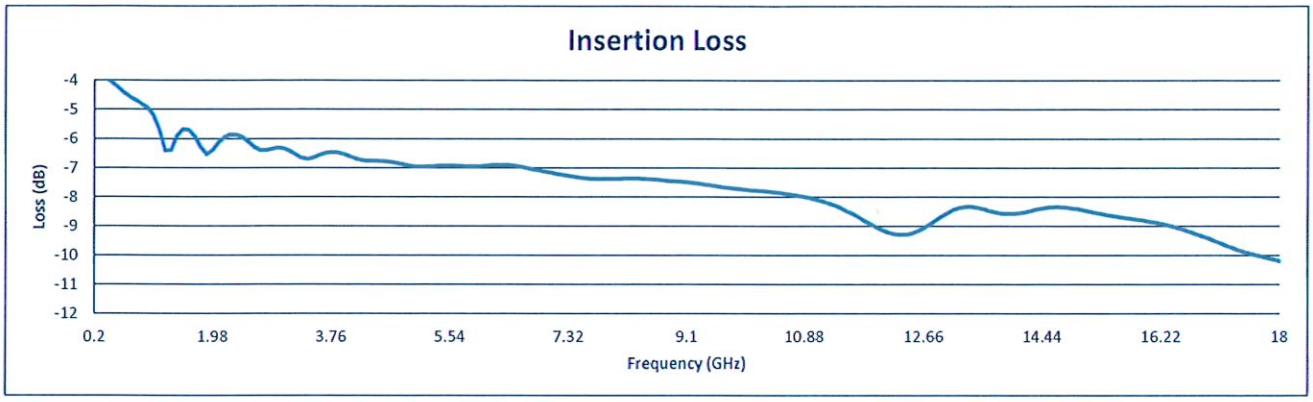

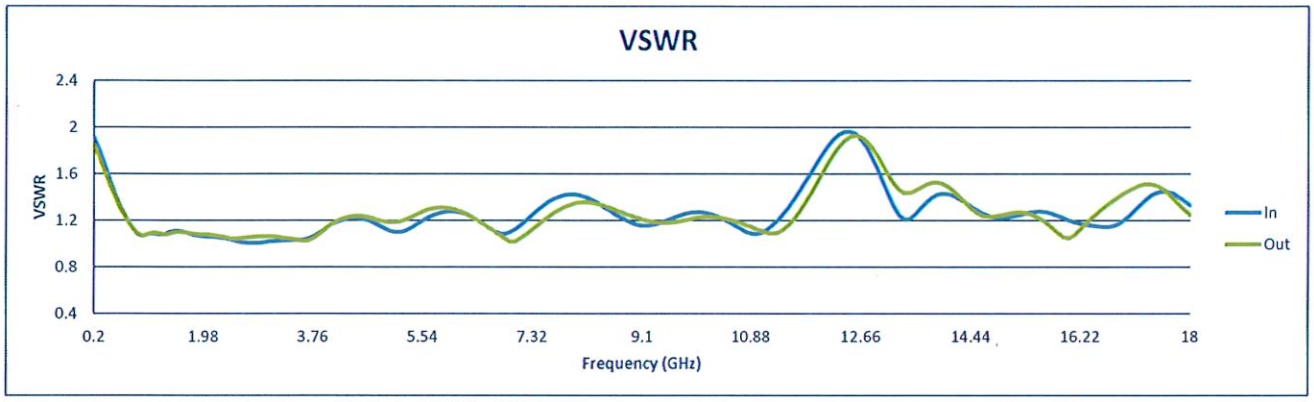

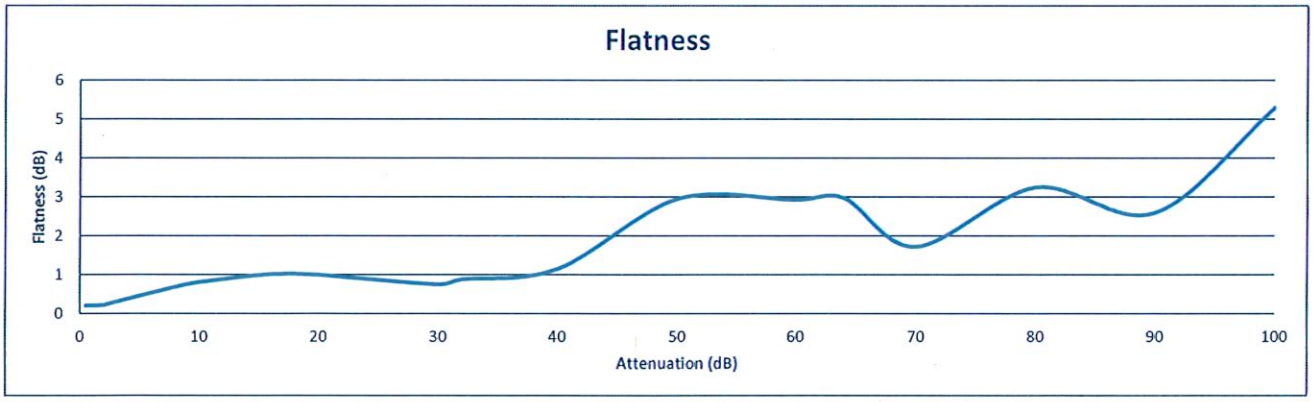

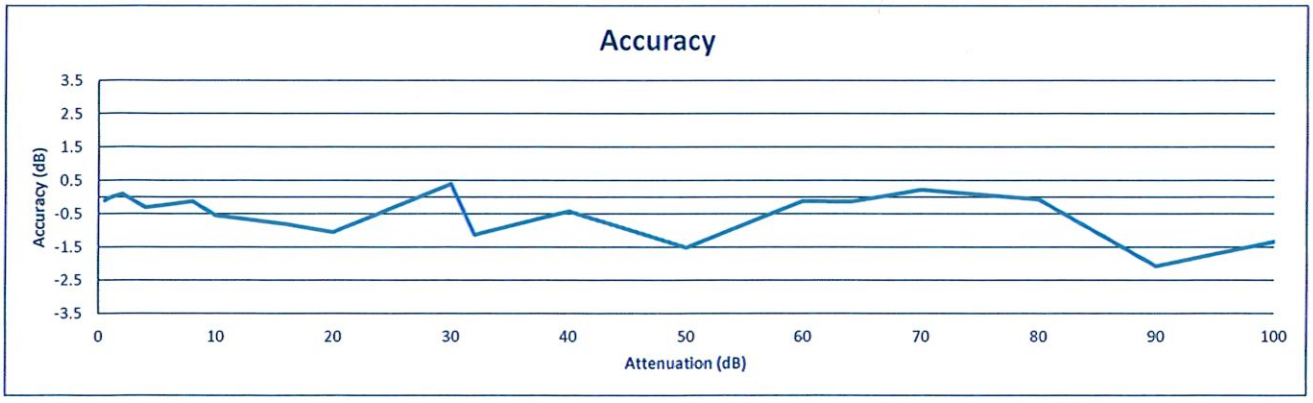

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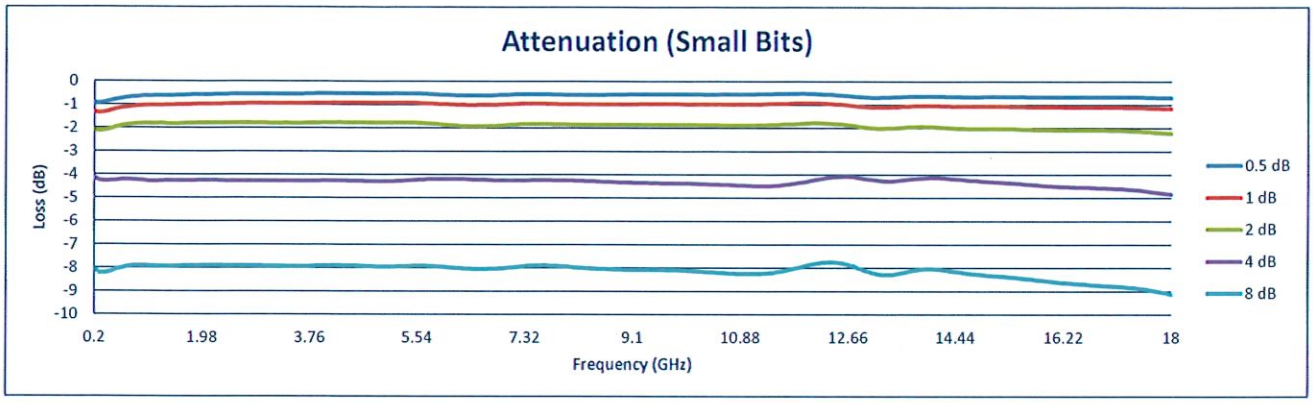

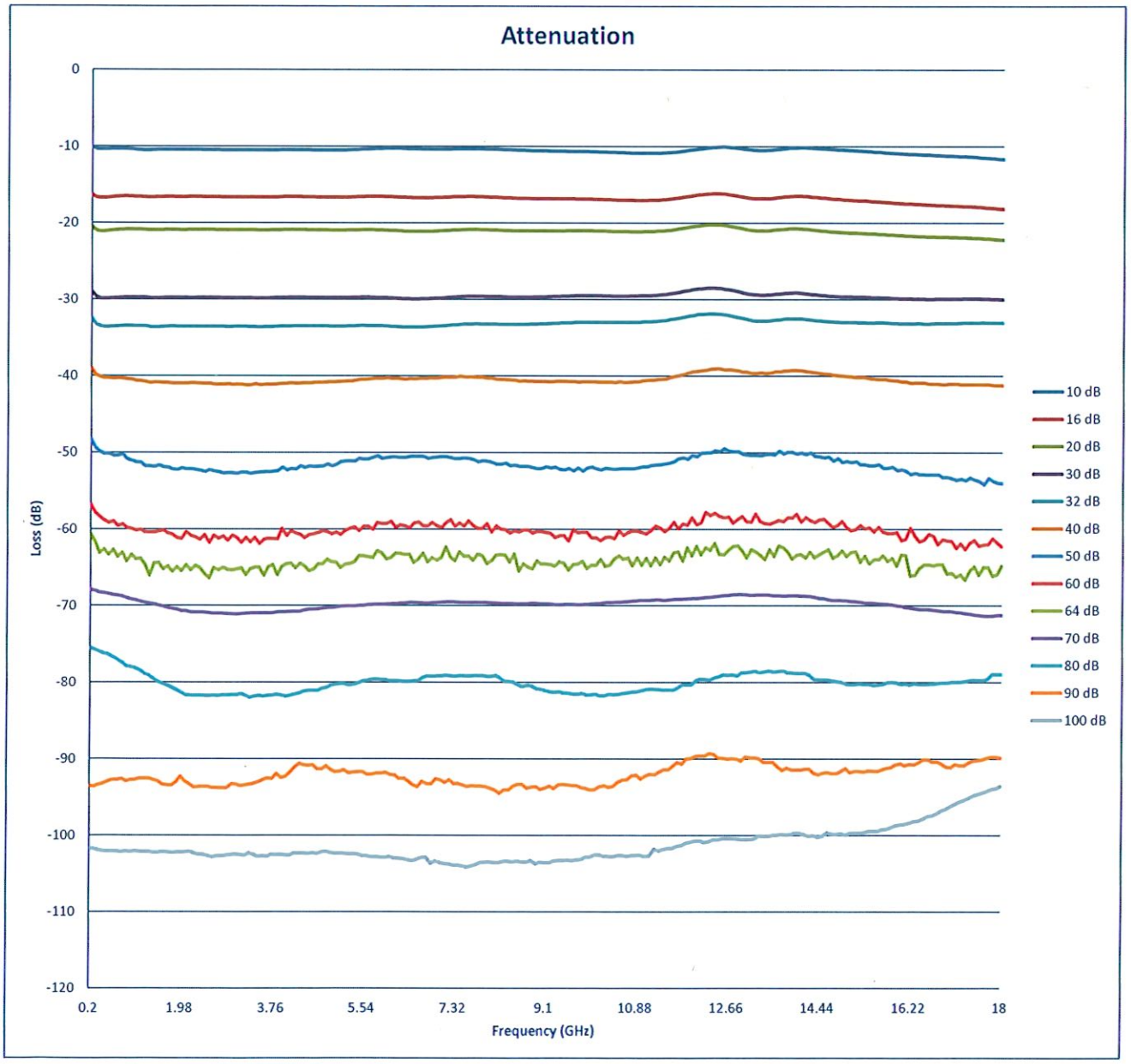

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