Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA ON DTA-0R4G18G-60-CD-1

Customer:
Job No:
Model No: DTA-0R4G18G-60-CD-1
Serial No: PL58913/2614

Tested By: K. Mansfield
Date: Tuesday, March 31, 2026
Temperature: +25° C
Drawing No: 27637160 Rev: A2

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	RESULTS	QA QC
1	Frequency Range:	0.5 GHz - 18 GHz	0.5 GHz - 18 GHz	PMI QA6
2	Insertion Loss:	4.8 dB Max.	4.6 dB See Plot	
3	VSWR:	2.0:1 Max.	1.8:1 See Plot	
4	Flatness to 20 dB:	± 1.0 dB Typ., ±1.5 dB Max.	±0.41 dB See Plot	
5	Flatness to 40 dB:	± 1.25 dB Typ., ±1.75 dB Max.	±1.15 dB See Plot	
6	Flatness to 60 dB:	± 3.0 dB Typ., ±5.0 dB Max.	±3.78 dB See Plot	
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Max.	±0.13 dB See Plot	
8	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Max.	±0.21 dB See Plot	
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Max.	±0.49 dB See Plot	
10	Minimum Attenuation Step:	0.0625 dB	0.0644 dB	
11	Switching Speed:	1.0 µs Max. On 0.5 µs Max. Off	See Typical Characteristics	
12	DC Power Supply:	+15 VDC @ 150 mA Max.	117 mA	PMI QA6

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0625	0.0644	0.00	0.02
0.125	0.116	0.01	0.04
0.25	0.23	0.02	0.05
0.50	0.47	0.03	0.07
1.00	0.96	0.04	0.10
2.00	2.00	0.00	0.14
4.00	3.98	0.02	0.23
8.00	7.96	0.04	0.32
16.00	16.11	0.13	0.30
32.00	31.87	0.13	0.78
62.00	62.42	-0.42	4.29
63.94	64.70	-0.76	5.10

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.87	0.13	0.24
10.00	9.99	0.01	0.34
15.00	15.05	-0.05	0.32
20.00	20.11	-0.11	0.41
25.00	24.99	0.01	0.57
30.00	29.94	0.06	0.71
35.00	34.79	0.21	0.90
40.00	39.85	0.15	1.15
45.00	44.86	0.14	1.47
50.00	49.97	0.03	1.97
55.00	55.31	-0.31	2.74
60.00	60.49	-0.49	3.78

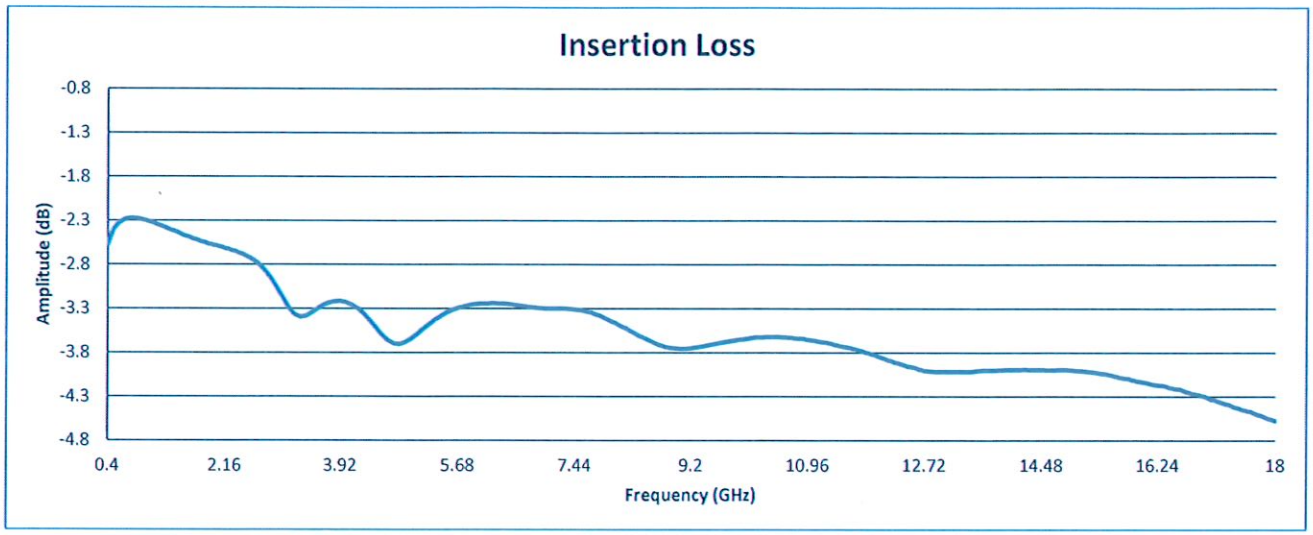
QA/QC Approval: Anthony Kardy PMI QA6 Date: 4/1/26

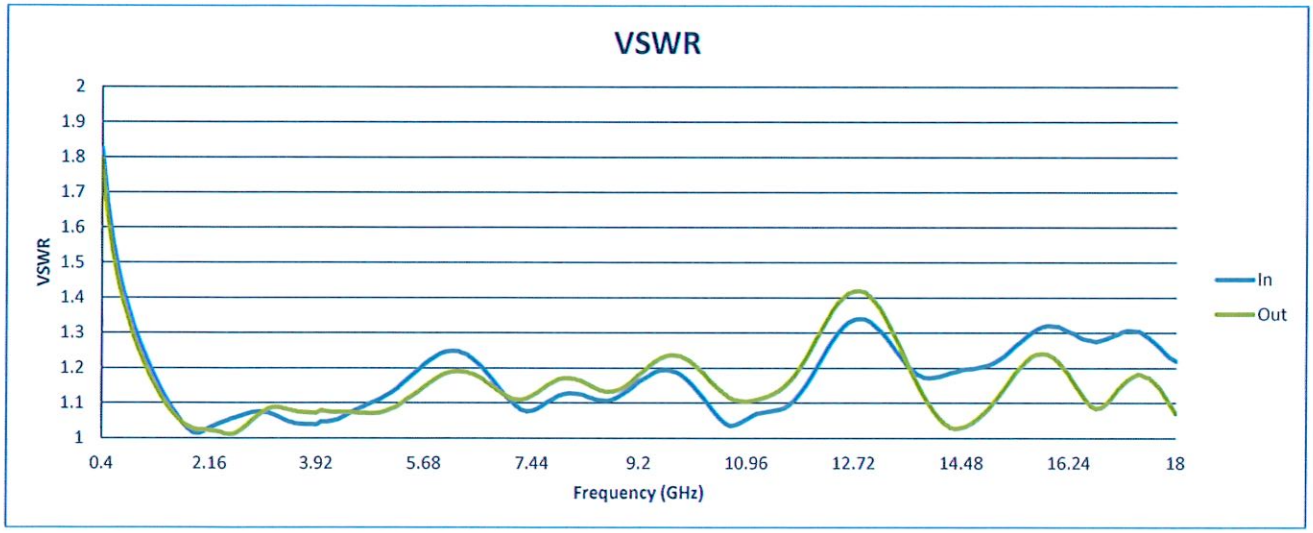
7309-A Grove Road, Frederick, MD 21704 USA TEL: (301) 662-5019, FAX: (301) 662-1731
WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com

Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA ON DTA-0R4G18G-60-CD-1

PL58913/2614



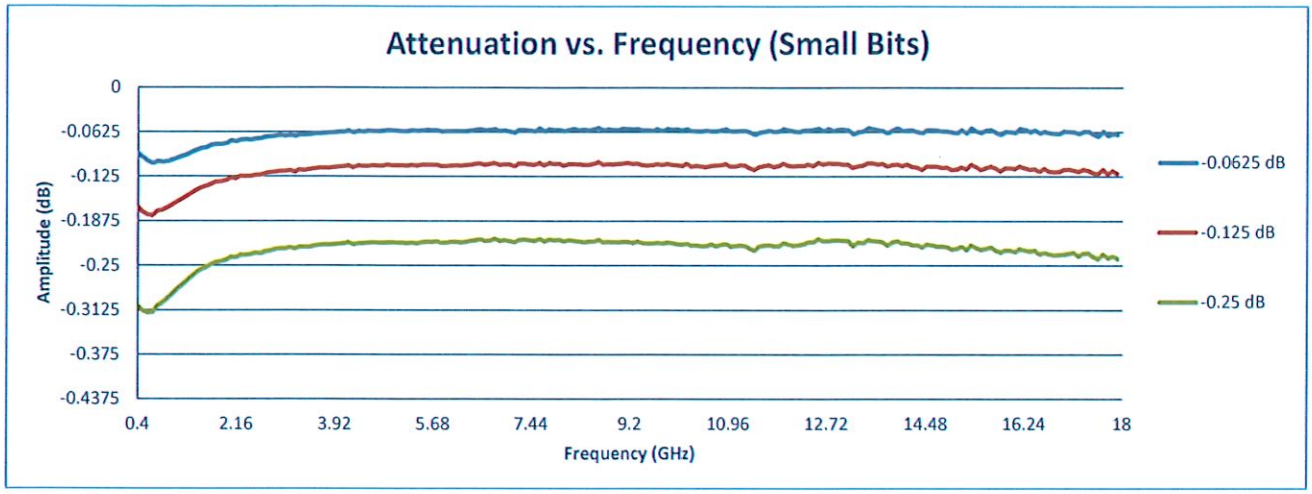


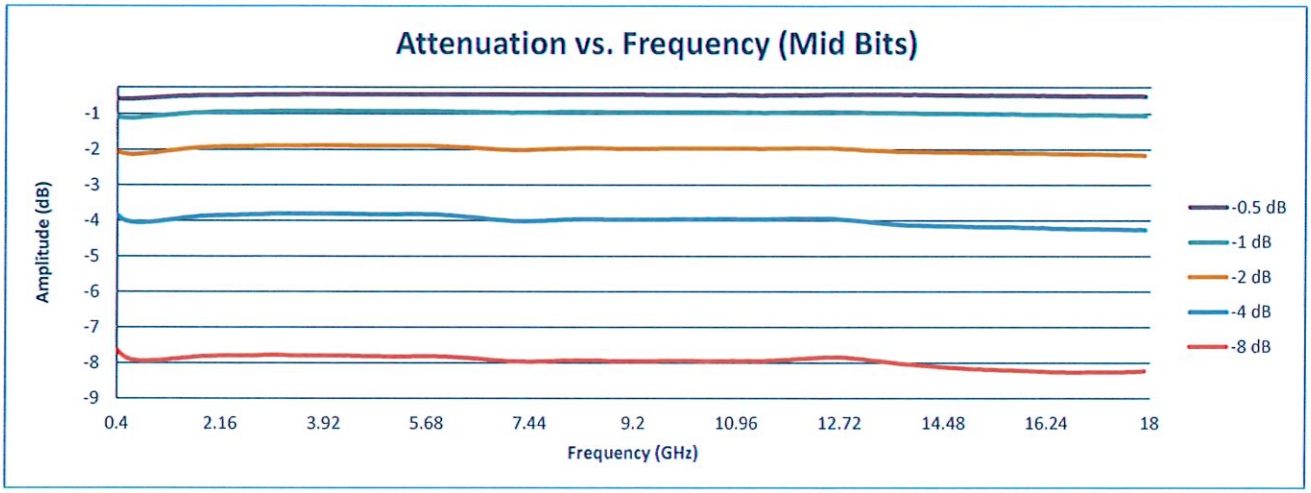
7309-A Grove Road, Frederick, MD 21704 USA TEL: (301) 662-5019, FAX: (301) 662-1731
WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com

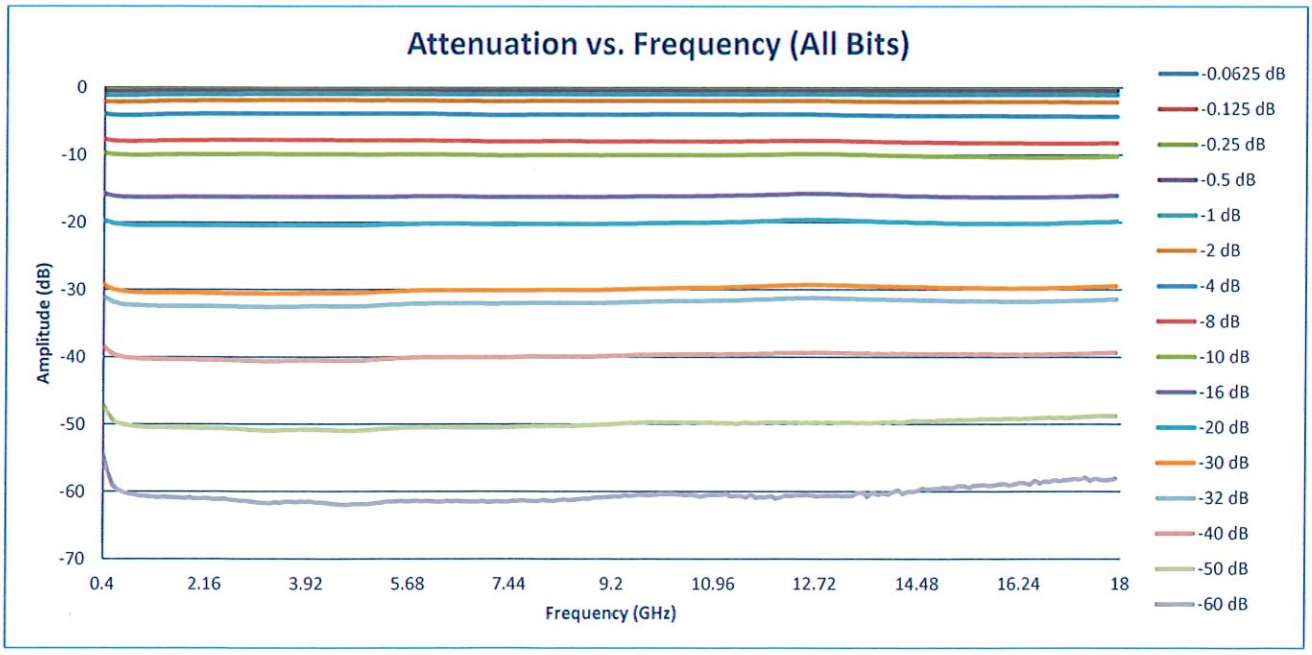
Quantic PMI
PLANAR MONOLITHICS

PL58913/2614

SUMMARY TEST DATA ON DTA-0R4G18G-60-CD-1





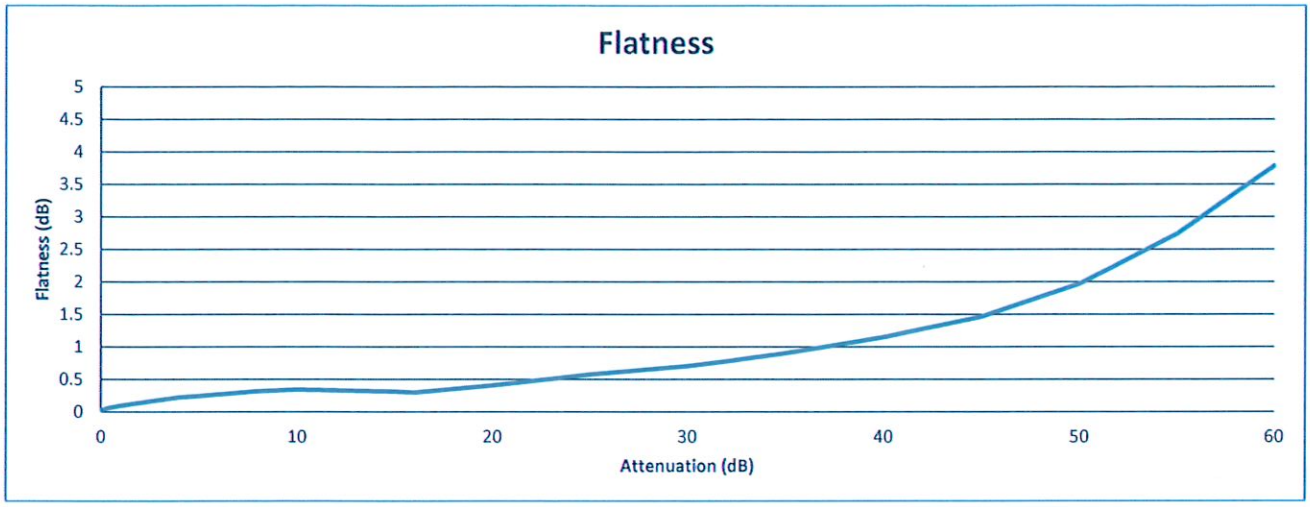


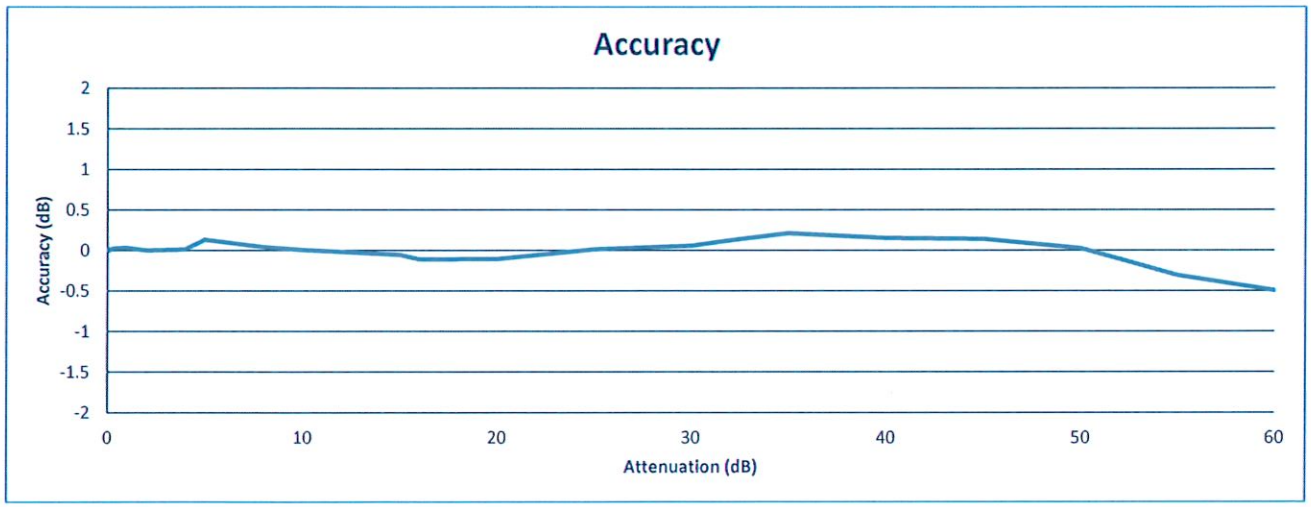
7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA ON DTA-0R4G18G-60-CD-1

PL58913/2614





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