PLANAR MONOLITHICS

SUMMARY TEST DATA ON DTA-30M6G-60-CD-1

Customer: [redacted]
Job No: [redacted]
Model No: DTA-30M6G-60-CD-1
Serial No: PL60925/2627

Tested By: J. Fitzpatrick/K. Mansfield
Date: Monday, June 29, 2026
Temperature: +25° C
Drawing No: 27614809 Rev: A2

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	RESULTS	QA QC
1	Frequency Range:	30 MHz – 6 GHz	30 MHz – 6 GHz	PMI QA6
2	Mean Attenuation Range:	60 dB	63.9 dB See Plot	
3	Insertion Loss:	4.0 dB Max.	2.99 dB See Plot	
4	Return Loss:	-8.5 dB Max.	-9.94 dB	
5	Attenuation Flatness:	±1.0 dB Typ. @ 10 dB ±1.5 dB Typ. @ 20 dB ±3.0 dB Typ. @ 40 dB ±5.0 dB Typ. @ 60 dB	±0.44 dB ±0.39 dB ±0.44 dB ±0.99 dB See Plot	
6	Accuracy of Attenuation:	±1.0 dB Typ. 0 dB to 30 dB ±1.3 dB Typ, 30 dB to 50 dB ±1.5 dB Typ. 50 dB to 60 dB	±0.13 dB ±0.05 dB ±0.13 dB See Plot	
7	Switching Speed:	50 µs Max.	See Typical Characteristics	
8	Monotonicity:	Verify	Pass	
9	DC Supply:	+12 VDC @ 155 mA Max.	77 mA	PMI QA6

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	0.24	0.01	0.02
0.50	0.49	0.01	0.04
1.00	0.99	0.01	0.07
2.00	1.98	0.02	0.14
4.00	4.00	0.00	0.25
8.00	8.01	-0.01	0.39
16.00	16.02	-0.02	0.44
32.00	32.00	0.00	0.49
63.75	63.88	-0.13	0.45

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.01	-0.01	0.29
10.00	10.03	-0.03	0.44
15.00	14.98	0.02	0.45
20.00	20.05	-0.05	0.39
25.00	25.02	-0.02	0.43
30.00	30.05	-0.05	0.51
35.00	35.01	-0.01	0.48
40.00	40.05	-0.05	0.44
45.00	45.03	-0.03	0.37
50.00	50.05	-0.05	0.46
55.00	55.13	-0.13	0.51
60.00	60.03	-0.03	0.99

QA/QC Approval: Anthony Kovaly PMI QA6 Date: 6/30/26

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

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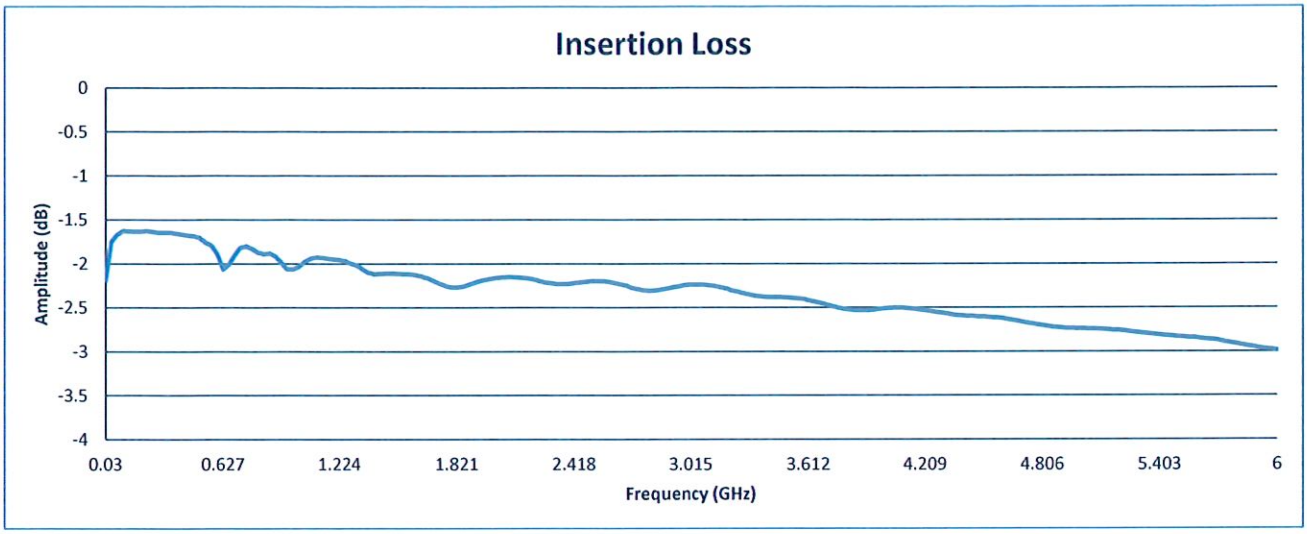

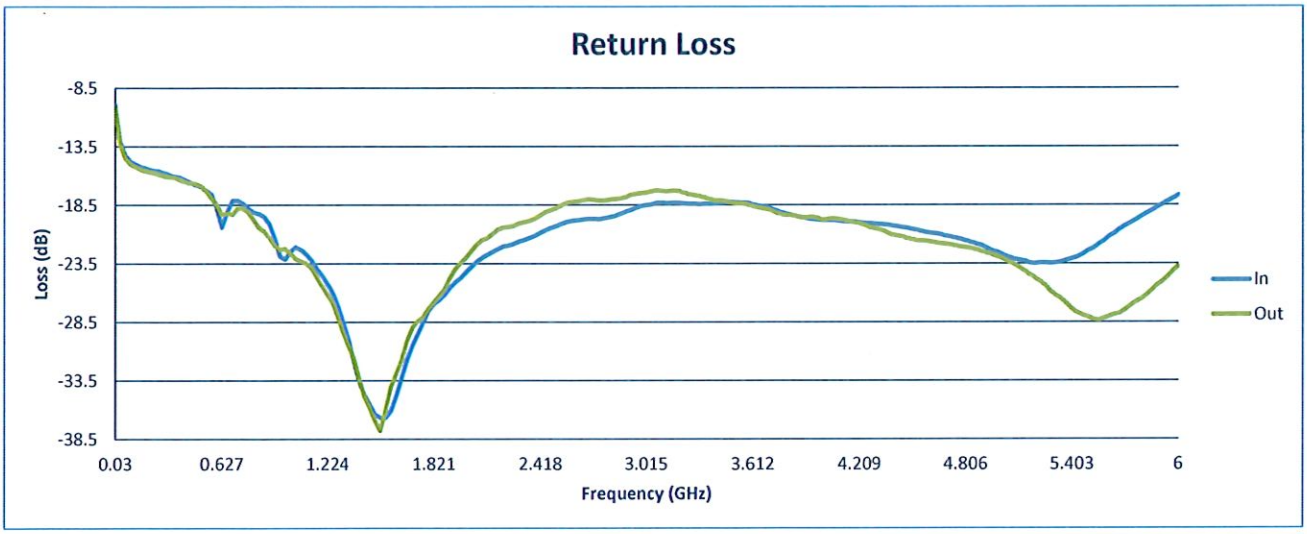

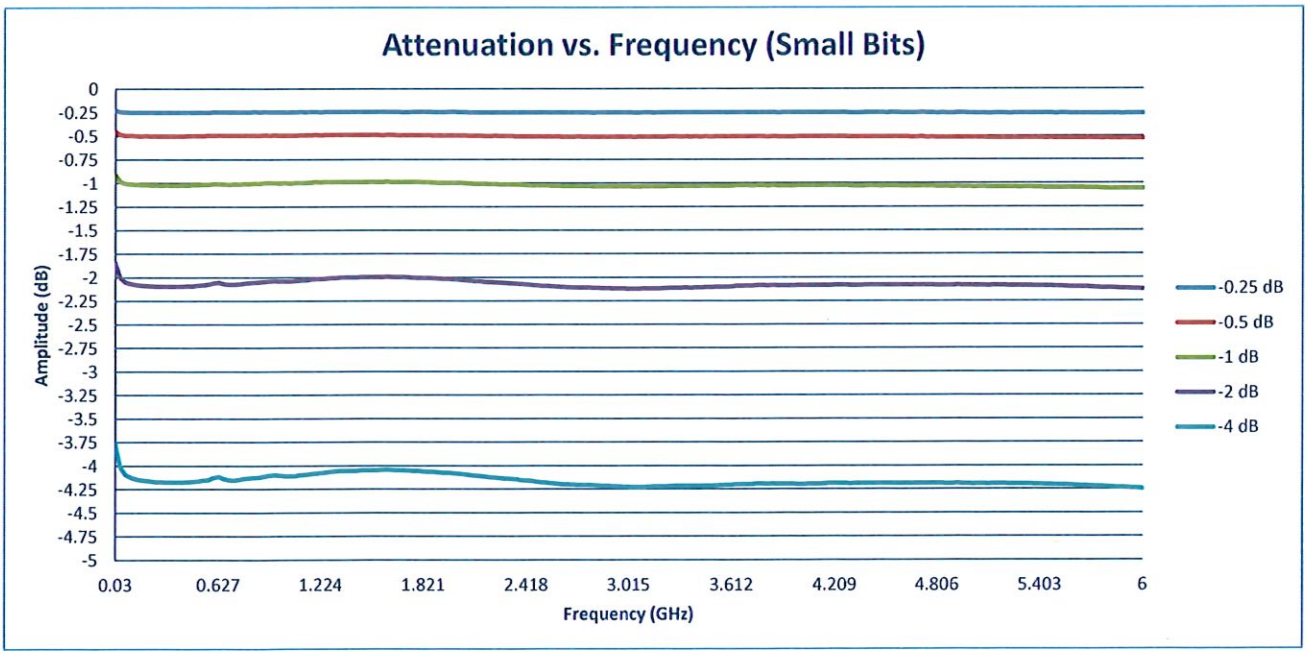

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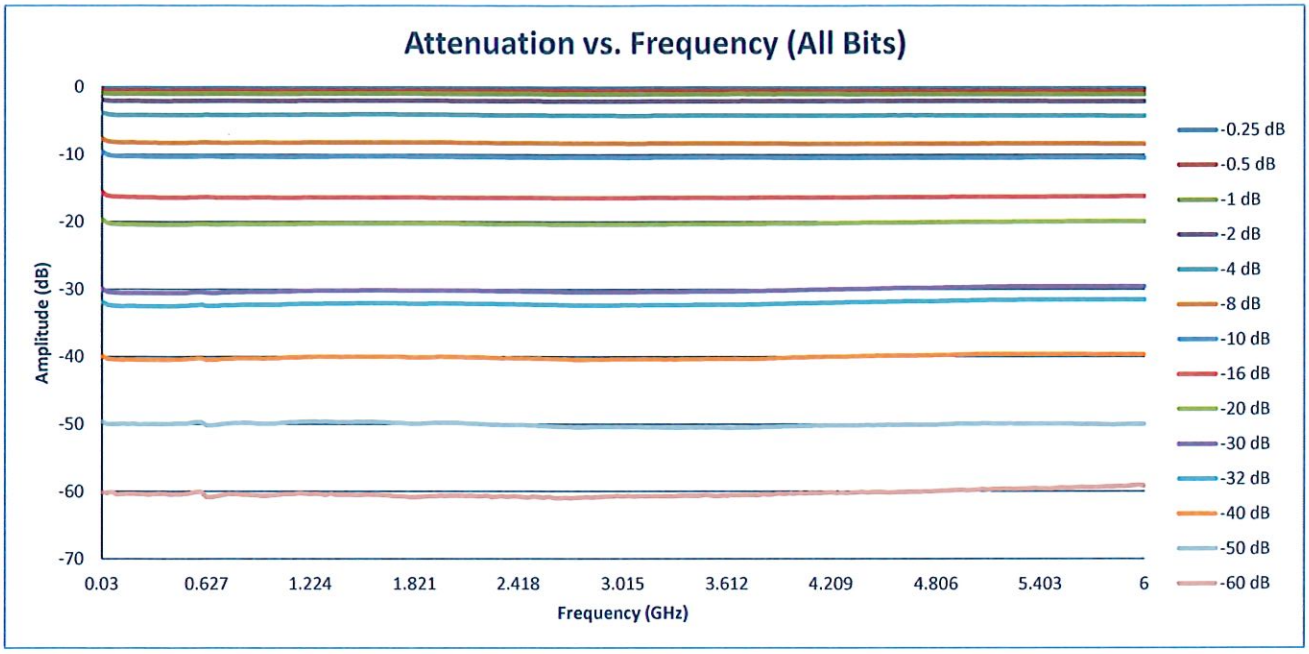

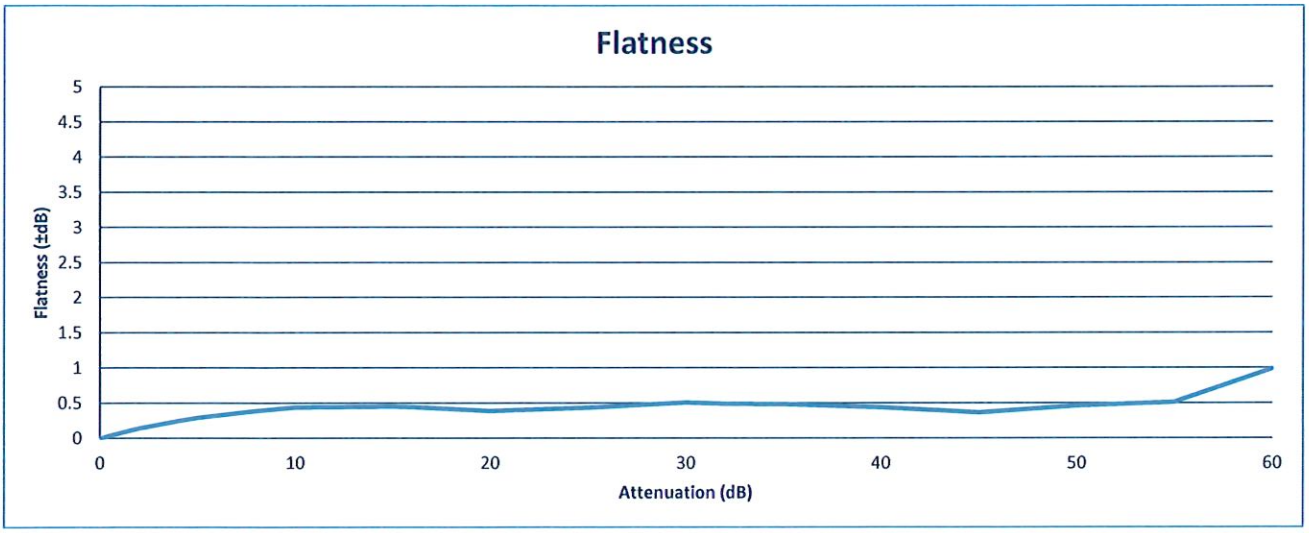

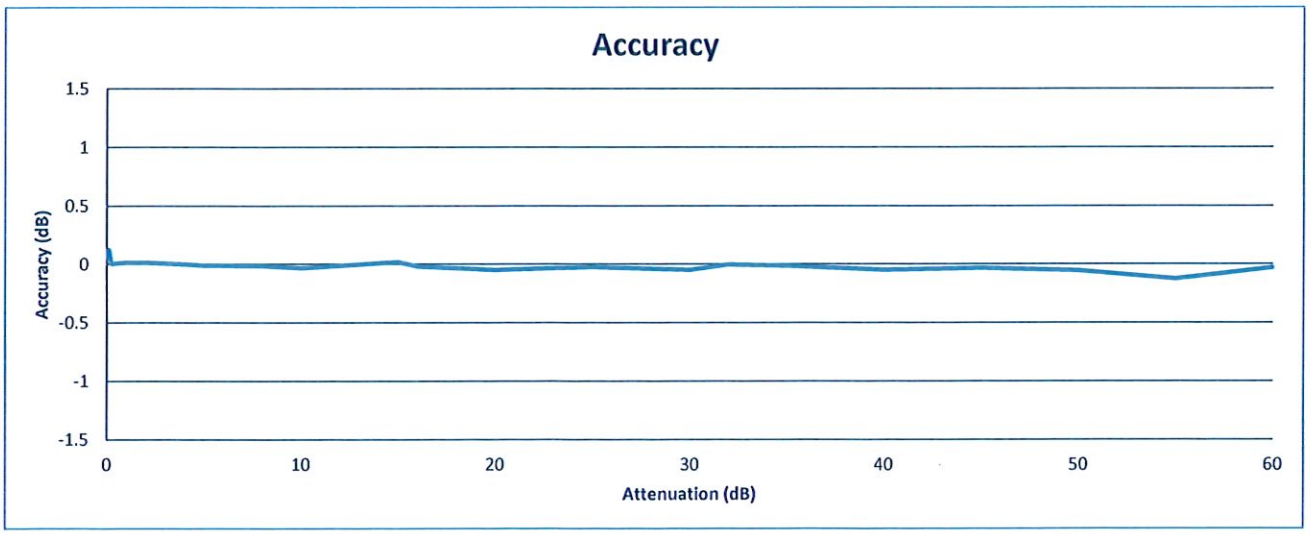

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