PLANAR MONOLITHICS

SUMMARY TEST DATA ON DTA-30M7D2G-60-CD-1

Customer:
Job No:
Model No: DTA-30M7D2G-60-CD-1
Serial No: PL61686/2633

Tested By: J. Fitzpatrick
Date: Tuesday, August 18, 2026
Temperature: +25° C
Drawing No: 27653940 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	RESULTS	QA QC
1	Frequency Range:	30 MHz – 7.2 GHz	**30 MHz – 7.2 GHz**	PMI QA6
2	Mean Attenuation Range:	60 dB	**63.7 dB See Plot**	
3	Insertion Loss:	4.0 dB Max.	**3.09 dB See Plot**	
4	Return Loss:	-8.5 dB Max.	**-9.33 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	**±0.54 dB ±0.41 dB ±0.43 dB ±1.51 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	**±0.12 dB ±0.08 dB ±0.05 dB See Plot**	
7	Switching Speed:	50 µs Max.	**See Typical Characteristics**	
8	Monotonicity:	Verify	**Pass**	
9	DC Supply:	+12 VDC @ 180 mA Max.	**71 mA**	PMI QA6

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	0.25	0.00	0.02
0.50	0.50	0.00	0.04
1.00	1.00	0.00	0.08
2.00	2.00	0.00	0.15
4.00	3.99	0.01	0.29
8.00	7.99	0.01	0.49
16.00	15.98	0.02	0.47
32.00	31.92	0.08	0.43
63.75	63.71	0.04	0.51

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.98	0.02	0.35
10.00	10.00	0.00	0.54
15.00	14.96	0.04	0.51
20.00	19.98	0.02	0.41
25.00	24.94	0.06	0.41
30.00	29.98	0.02	0.42
35.00	34.94	0.06	0.44
40.00	40.00	0.00	0.43
45.00	44.99	0.01	0.43
50.00	49.95	0.05	0.55
55.00	54.97	0.03	0.77
60.00	59.95	0.05	1.51

QA/QC Approval: Anthony Hardy PMI QA6 Date: 8/19/26

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

PMI
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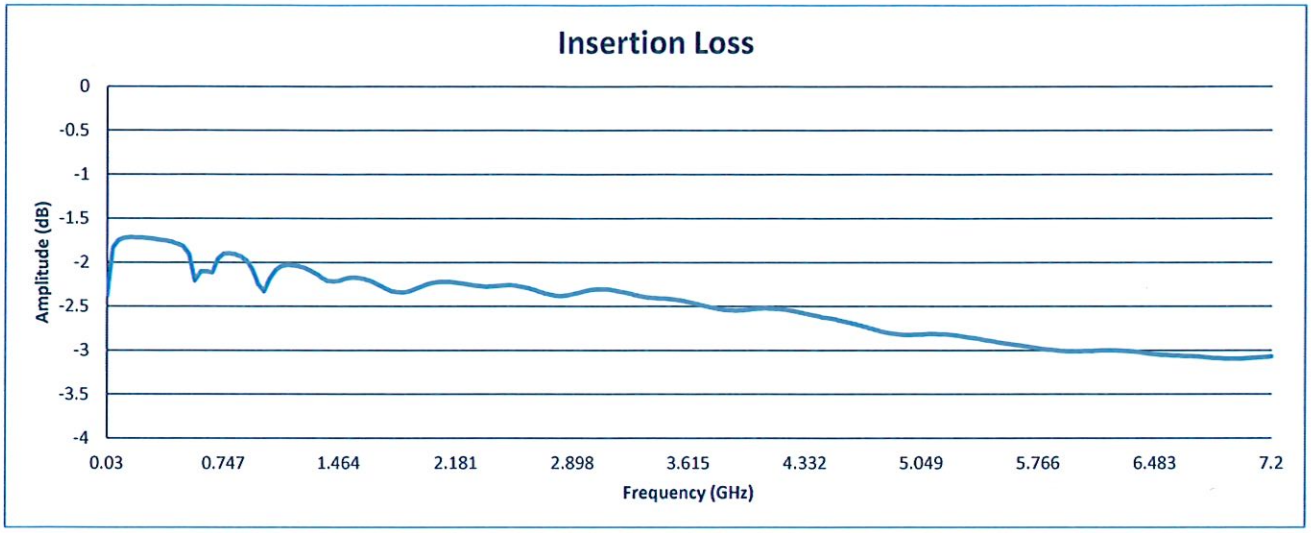

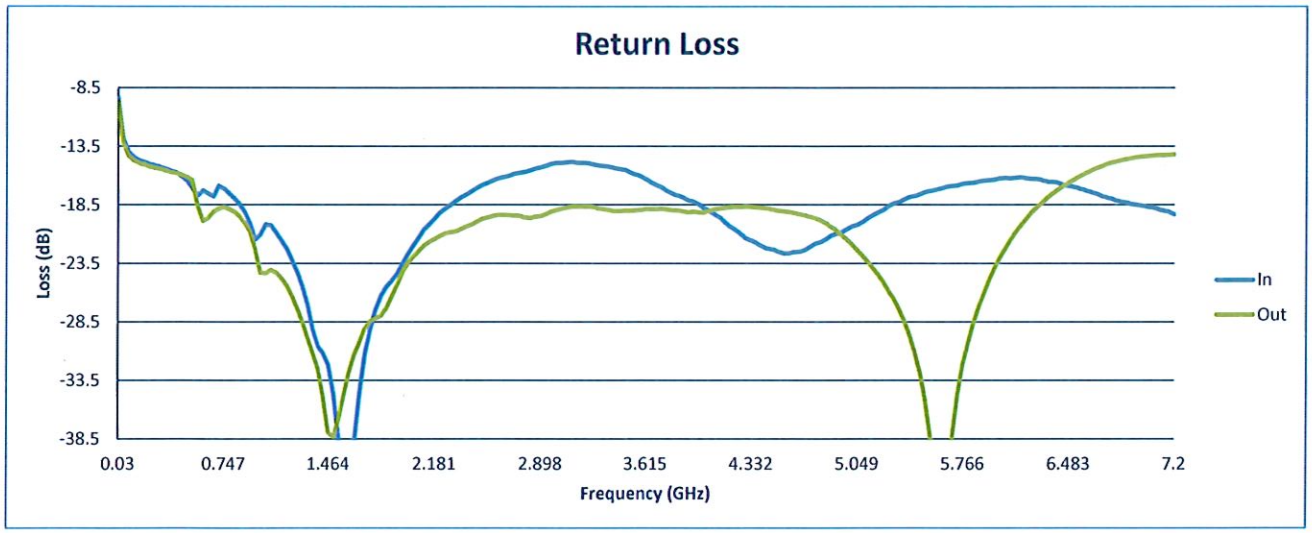

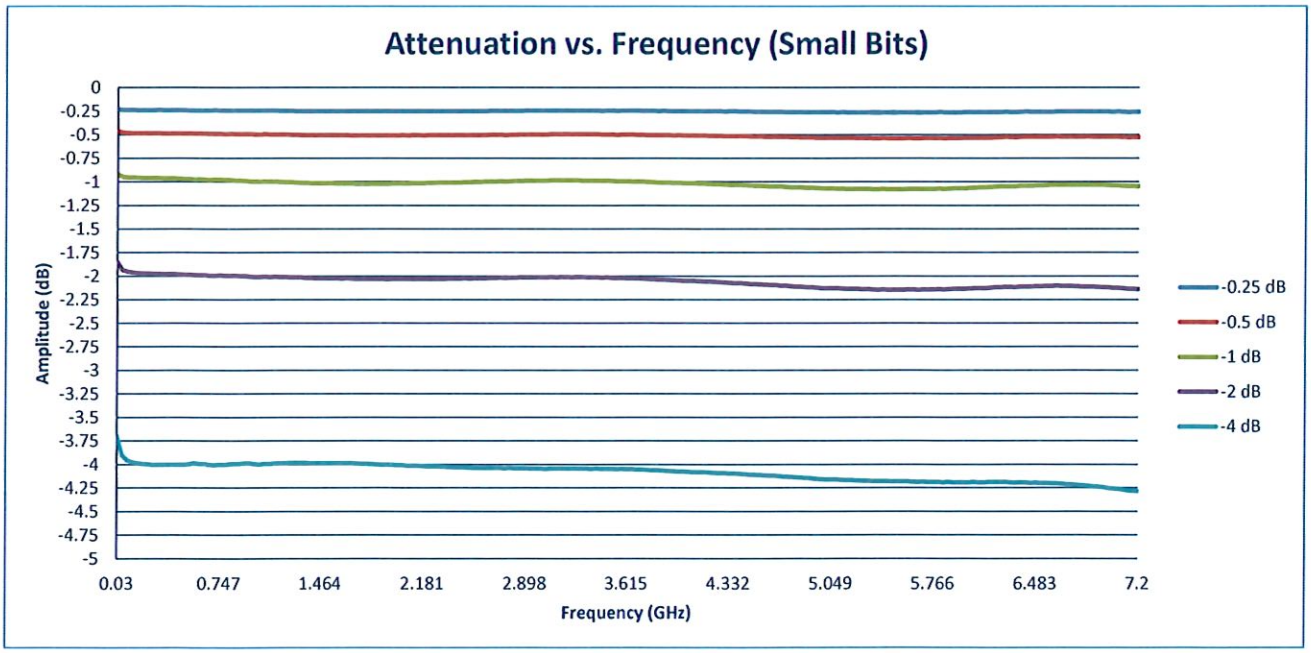

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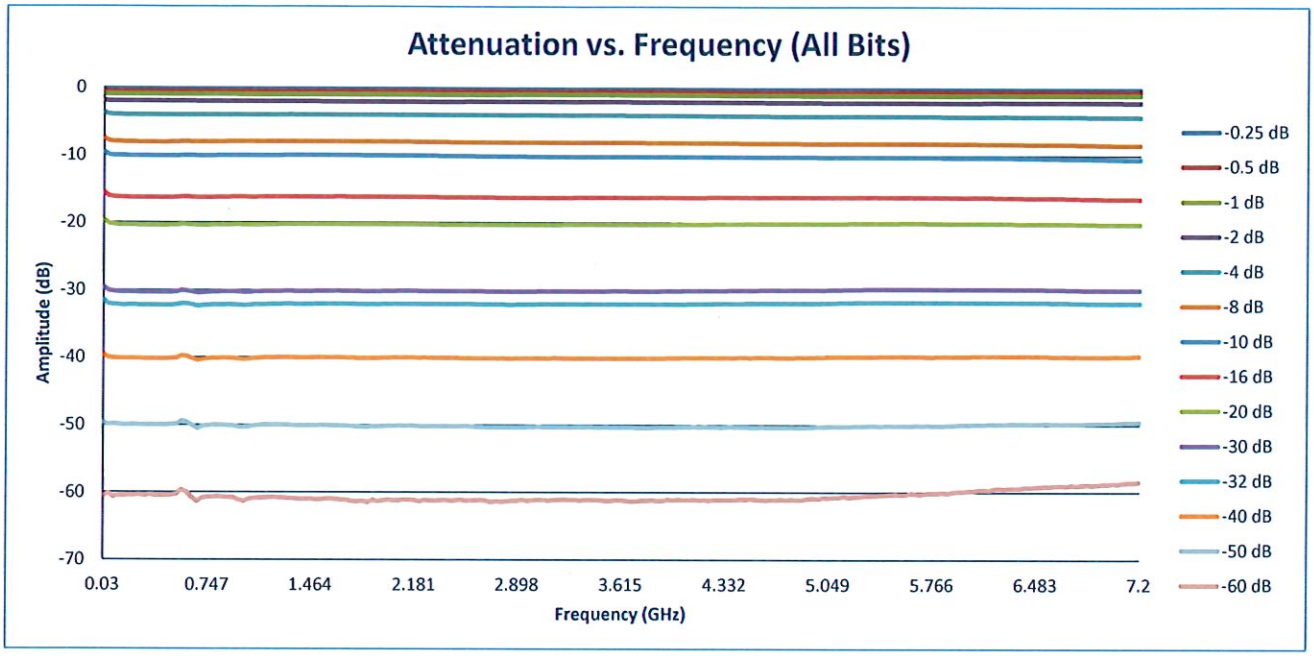

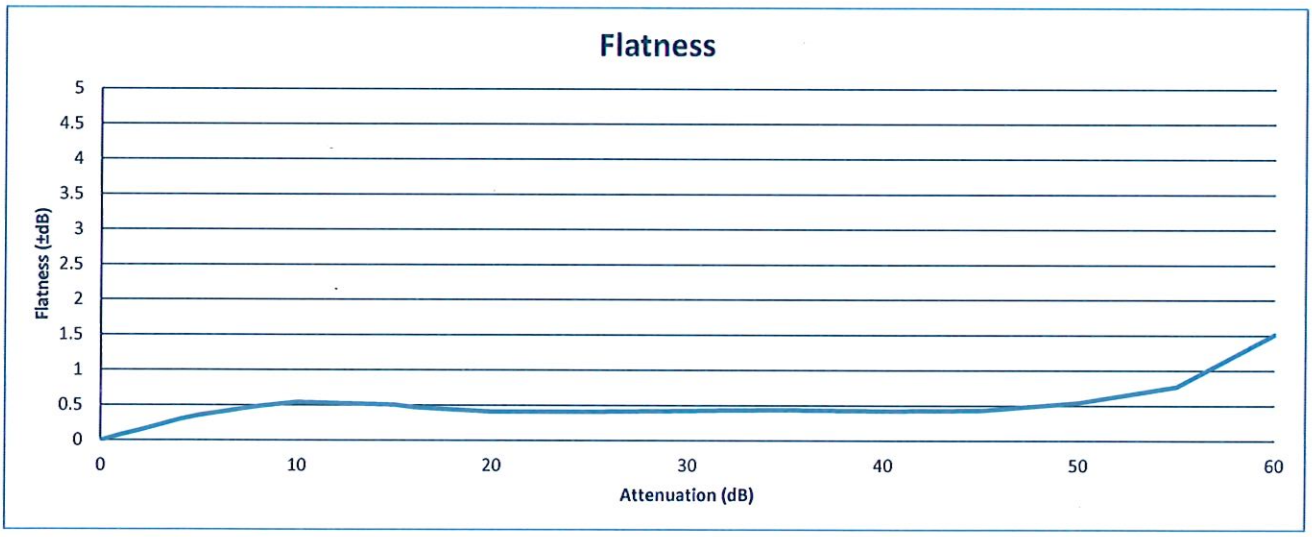

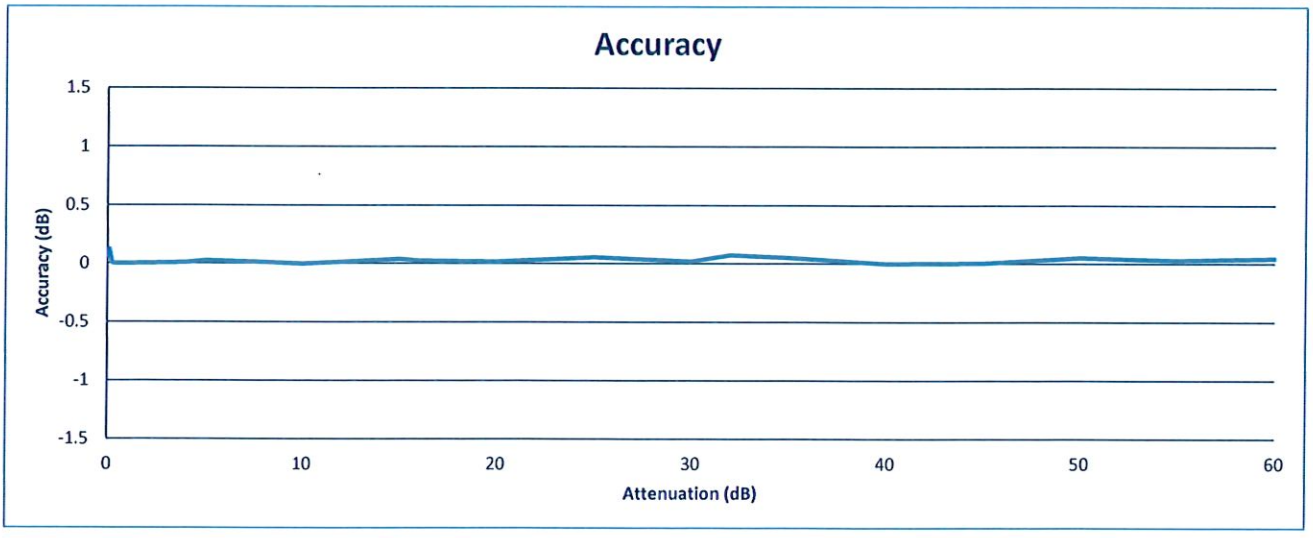

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