



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

Customer: _____
Job No: _____
Model No: DTA-30M6G-60-CD-1
Serial No: PL60920/2627

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	63.7 dB See Plot	
3	Insertion Loss:	4.0 dB Max.	3.31 dB See Plot	
4	Return Loss:	-8.5 dB Max.	-9 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	±0.51 dB ±0.44 dB ±0.4 dB ±0.95 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 ±0.07 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.	81 mA	PMI QA6

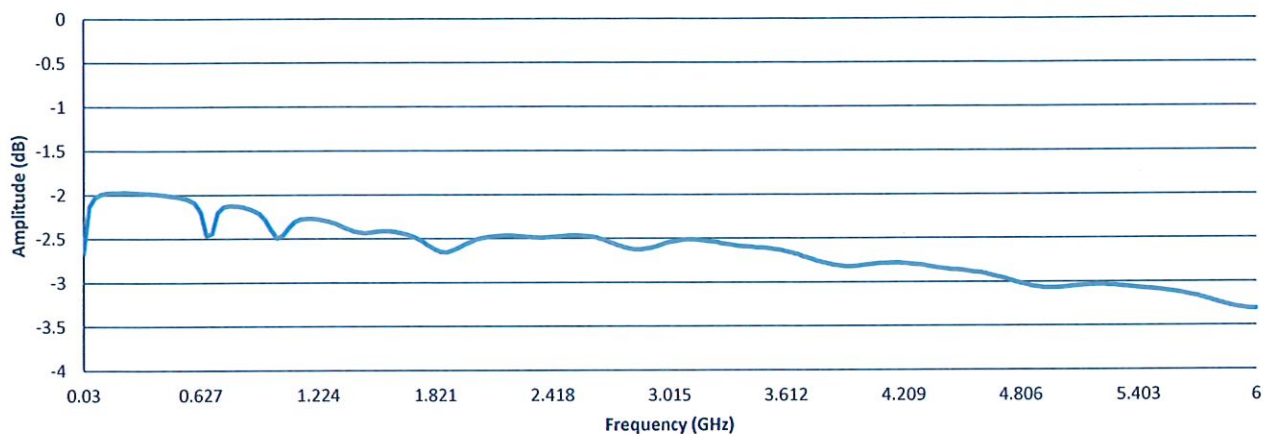
Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	0.24	0.01	0.02
0.50	0.49	0.01	0.04
1.00	0.98	0.02	0.08
2.00	1.98	0.02	0.15
4.00	3.97	0.03	0.28
8.00	7.98	0.02	0.46
16.00	15.97	0.03	0.49
32.00	31.93	0.07	0.38
63.75	63.68	0.07	0.51

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.02	-0.02	0.34
10.00	10.01	-0.01	0.51
15.00	14.91	0.09	0.51
20.00	19.98	0.02	0.44
25.00	24.95	0.05	0.41
30.00	29.98	0.02	0.37
35.00	34.96	0.04	0.37
40.00	40.00	0.00	0.40
45.00	45.03	-0.03	0.40
50.00	50.00	0.00	0.50
55.00	54.95	0.05	0.68
60.00	59.87	0.13	0.95

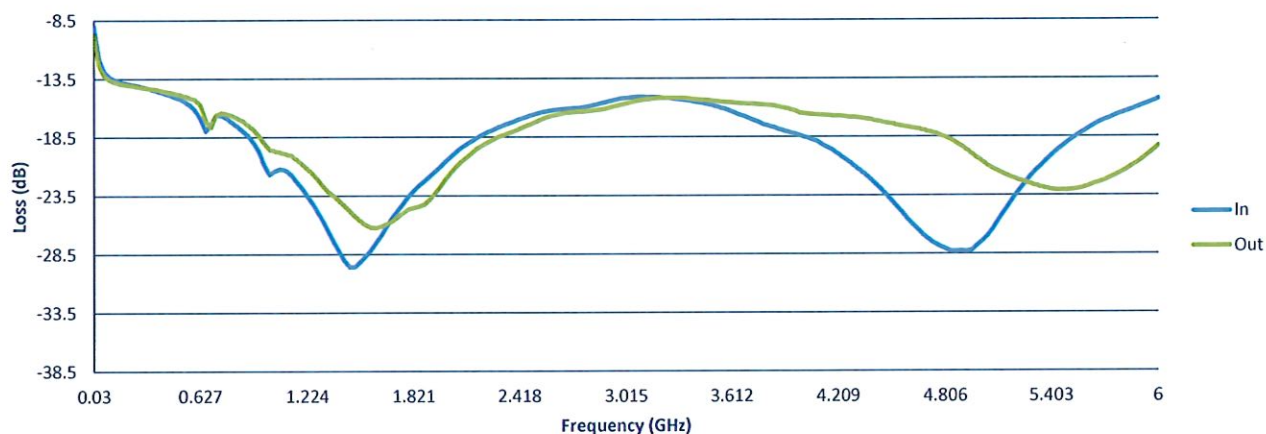
QA/QC Approval: Anthony Keady PMI QA6

Date: 6/30/26

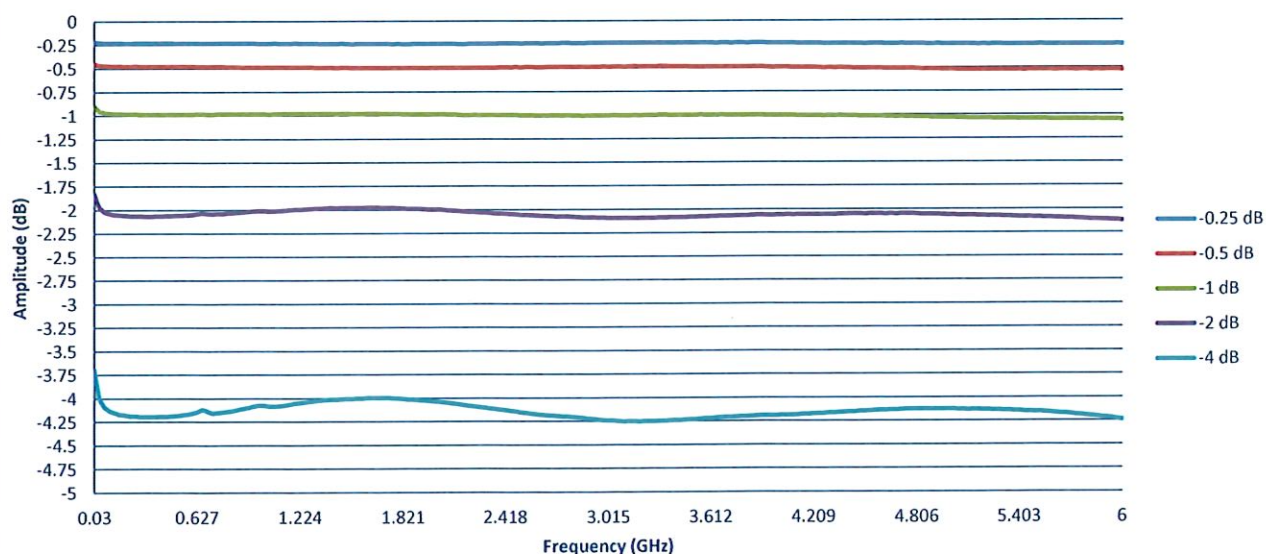
Insertion Loss



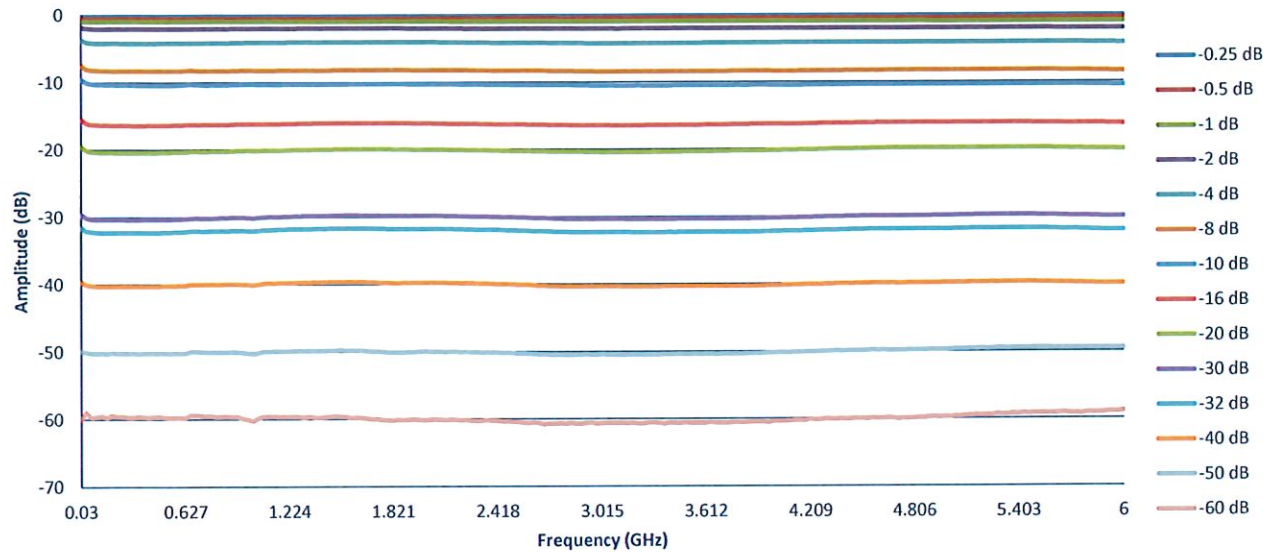
Return Loss



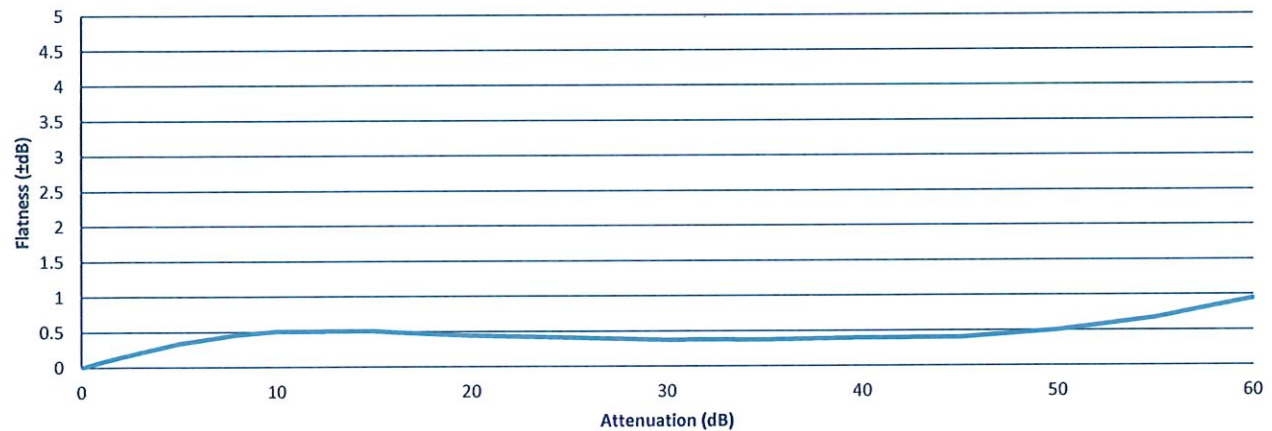
Attenuation vs. Frequency (Small Bits)



Attenuation vs. Frequency (All Bits)



Flatness



Accuracy

