



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

Customer: _____
Job No: _____
Model No: DTA-30M6G-60-CD-1
Serial No: PL60923/2627

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	63.6 dB See Plot	
3	Insertion Loss:	4.0 dB Max.	3.31 dB See Plot	
4	Return Loss:	-8.5 dB Max.	-9.73 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	±0.36 dB ±0.37 dB ±0.42 dB ±0.92 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	±0.15 dB ±0.1 dB ±0.05 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

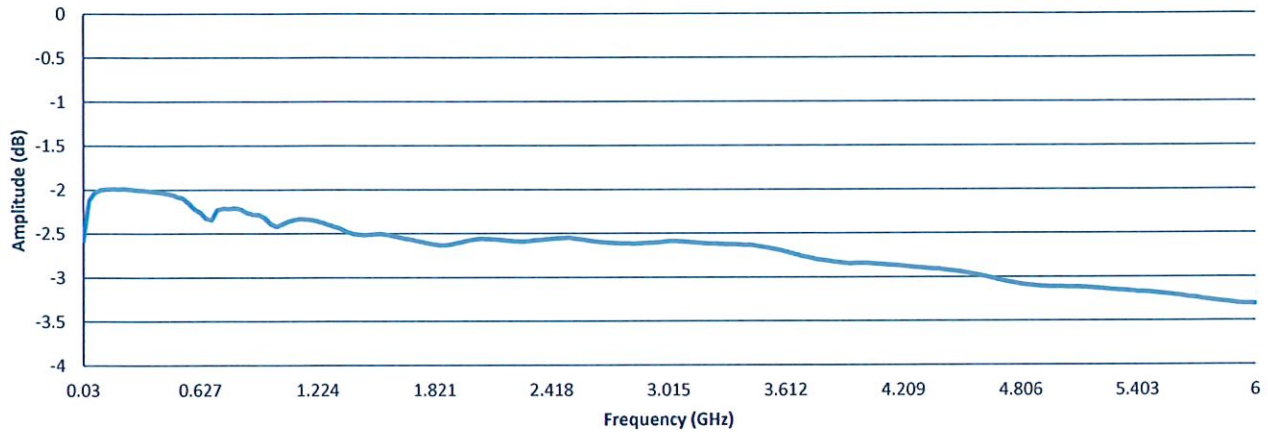
Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	0.23	0.02	0.01
0.50	0.47	0.03	0.03
1.00	0.97	0.03	0.06
2.00	1.96	0.04	0.13
4.00	3.96	0.04	0.21
8.00	7.96	0.04	0.33
16.00	15.95	0.05	0.38
32.00	31.90	0.10	0.31
63.75	63.62	0.13	0.39

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.95	0.05	0.25
10.00	9.97	0.03	0.36
15.00	14.93	0.07	0.39
20.00	19.96	0.04	0.37
25.00	24.90	0.10	0.35
30.00	29.96	0.04	0.32
35.00	34.91	0.09	0.35
40.00	39.95	0.05	0.42
45.00	44.98	0.02	0.51
50.00	49.98	0.02	0.46
55.00	54.95	0.05	0.46
60.00	59.96	0.04	0.92

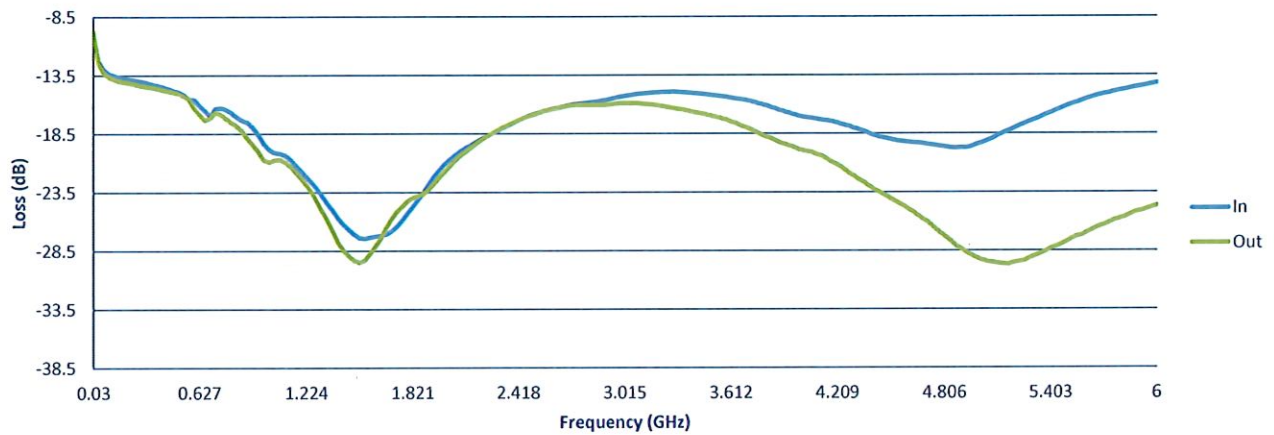
QA/QC Approval: Anthony Karoly PMI QA6

Date: 6/30/26

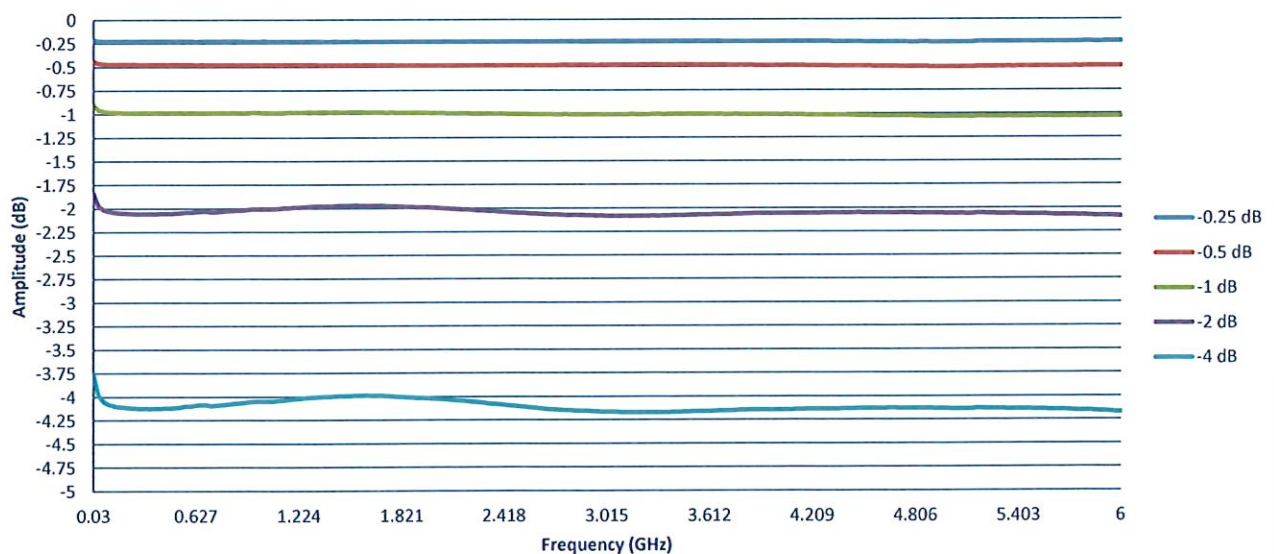
Insertion Loss



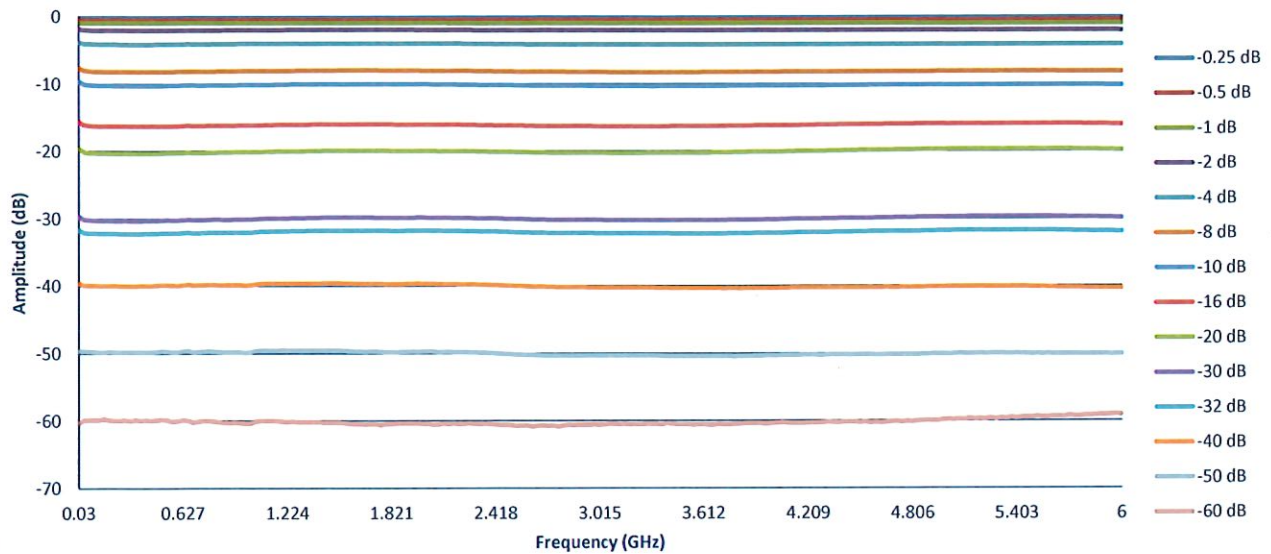
Return Loss



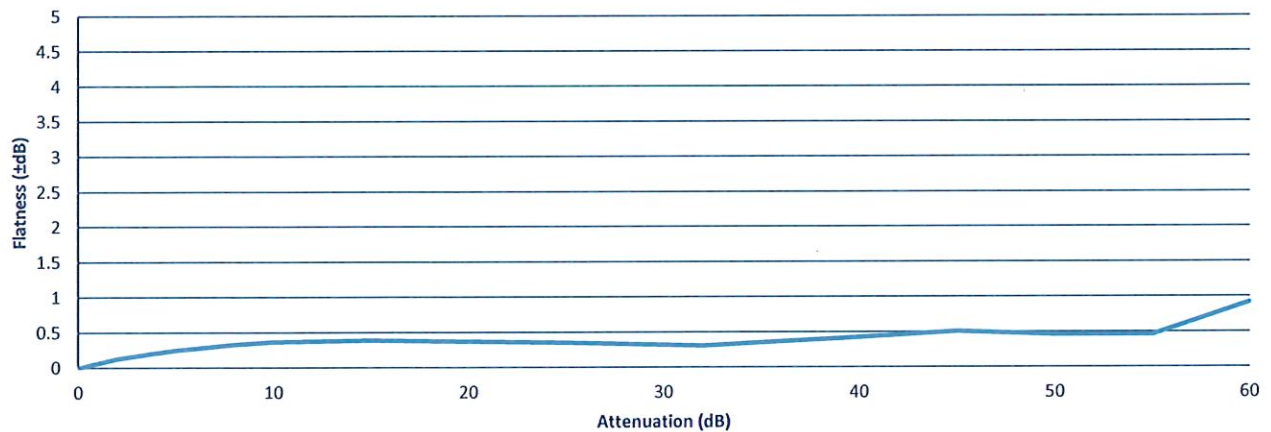
Attenuation vs. Frequency (Small Bits)



Attenuation vs. Frequency (All Bits)



Flatness



Accuracy

