



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

Customer: _____

Tested By: J. Fitzpatrick/K. Mansfield

Job No: _____

Date: Monday, June 29, 2026

Model No: DTA-30M6G-60-CD-1

Temperature: +25° C

Serial No: PL60919/2627

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	63.8 dB See Plot	
3	Insertion Loss:	4.0 dB Max.	3.59 dB See Plot	
4	Return Loss:	-8.5 dB Max.	-9.05 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	±0.35 dB ±0.37 dB ±0.59 dB ±1.48 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 ±0.05 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.	78 mA	PMI QA6

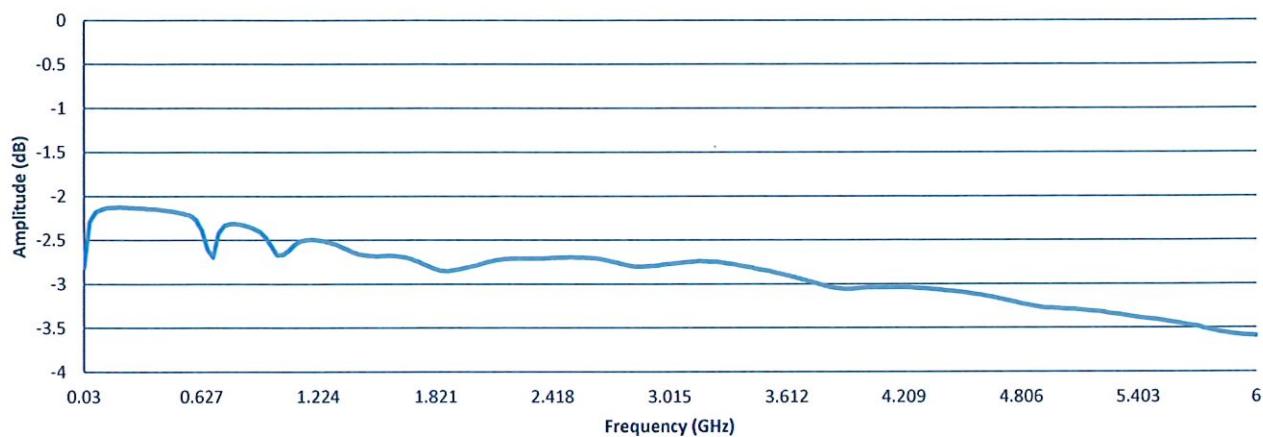
Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	0.25	0.00	0.02
0.50	0.49	0.01	0.04
1.00	0.98	0.02	0.07
2.00	1.97	0.03	0.12
4.00	3.94	0.06	0.20
8.00	7.95	0.05	0.32
16.00	15.94	0.06	0.38
32.00	31.95	0.05	0.42
63.75	63.79	-0.04	0.38

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.94	0.06	0.24
10.00	9.97	0.03	0.35
15.00	14.93	0.07	0.38
20.00	19.97	0.03	0.37
25.00	24.95	0.05	0.38
30.00	29.97	0.03	0.41
35.00	35.01	-0.01	0.47
40.00	40.02	-0.02	0.59
45.00	44.98	0.02	0.80
50.00	50.01	-0.01	1.03
55.00	54.97	0.03	1.21
60.00	60.05	-0.05	1.48

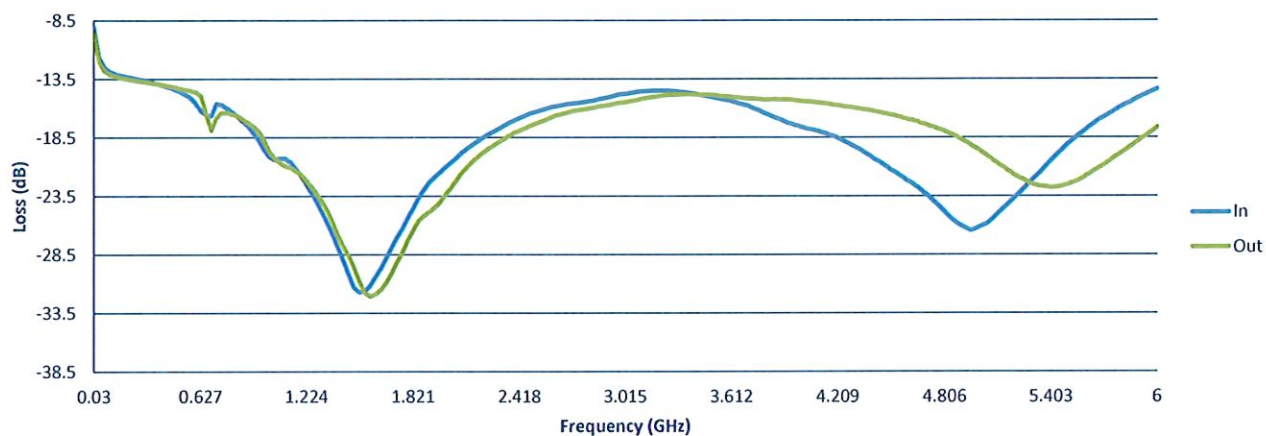
QA/QC Approval: Anthony Karch PMI QA6

Date: 6/30/26

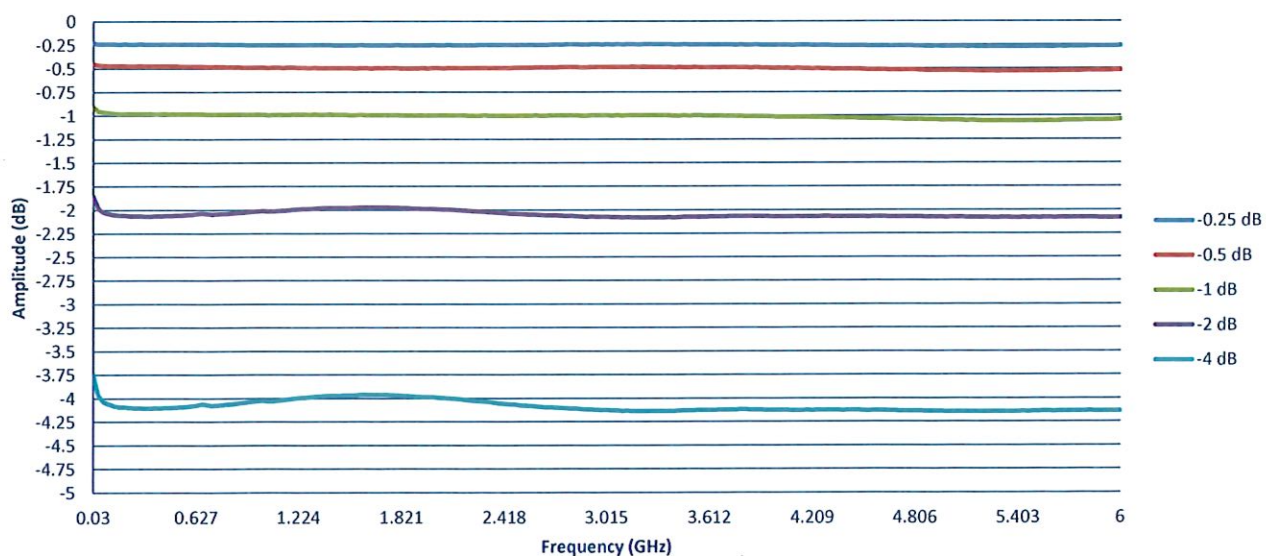
Insertion Loss



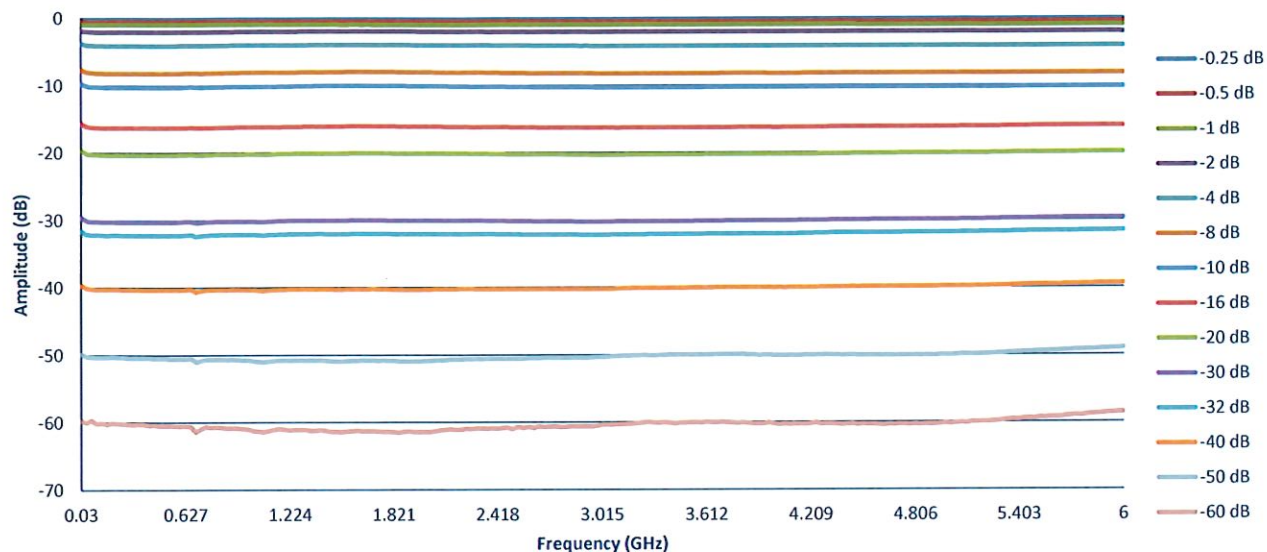
Return Loss



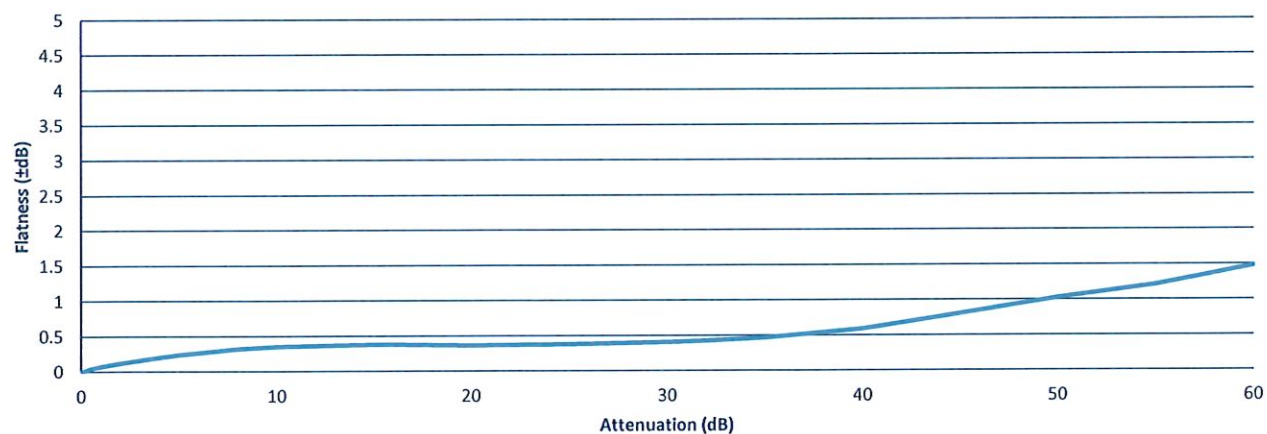
Attenuation vs. Frequency (Small Bits)



Attenuation vs. Frequency (All Bits)



Flatness



Accuracy

