



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: PL60924/2627

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.	2.98 dB See Plot	
4	Return Loss:	-8.5 dB Max.	-9.56 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	±0.42 dB ±0.42 dB ±0.38 dB ±1.3 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 ±0.04 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	0.50	0.00	0.04
1.00	0.99	0.01	0.07
2.00	1.99	0.01	0.14
4.00	3.98	0.02	0.24
8.00	7.99	0.01	0.37
16.00	15.98	0.02	0.42
32.00	31.96	0.04	0.58
63.75	63.82	-0.07	0.43

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.00	0.00	0.28
10.00	10.01	-0.01	0.42
15.00	14.94	0.06	0.43
20.00	20.02	-0.02	0.42
25.00	24.94	0.06	0.55
30.00	30.00	0.00	0.61
35.00	34.95	0.05	0.48
40.00	39.98	0.02	0.38
45.00	45.00	0.00	0.40
50.00	49.99	0.01	0.54
55.00	54.96	0.04	0.89
60.00	60.02	-0.02	1.30

QA/QC Approval: _____

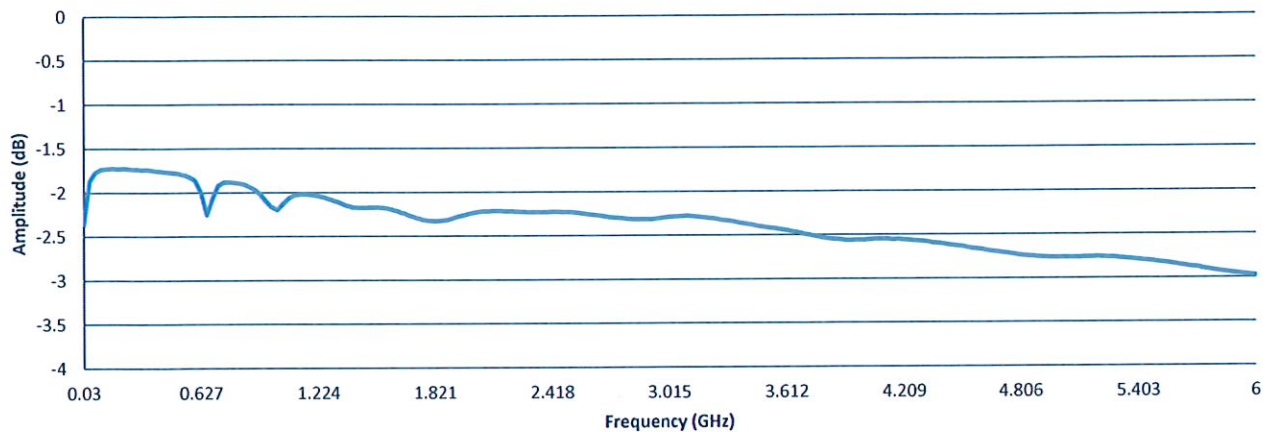
Anthony Kravitz

PMI
QA6

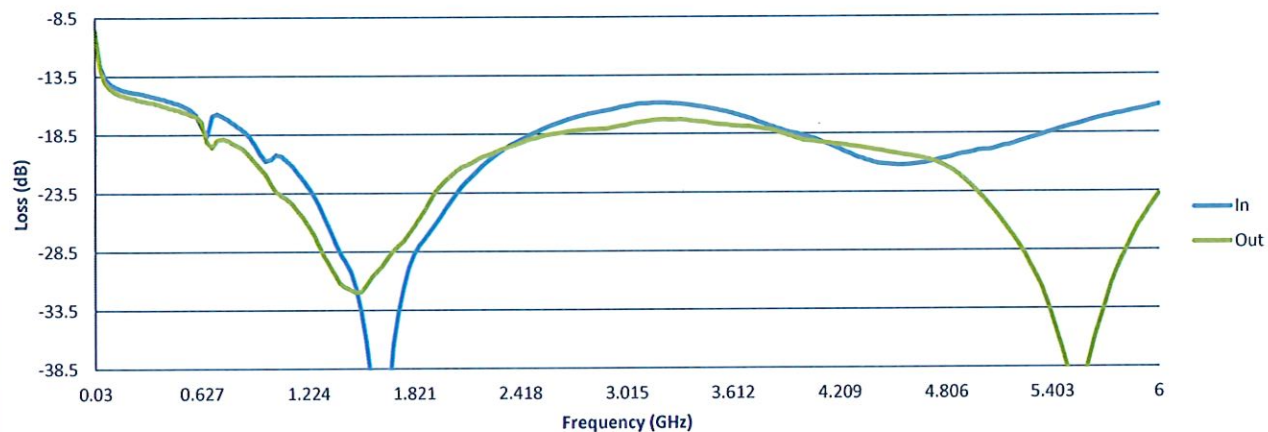
Date: _____

6/30/26

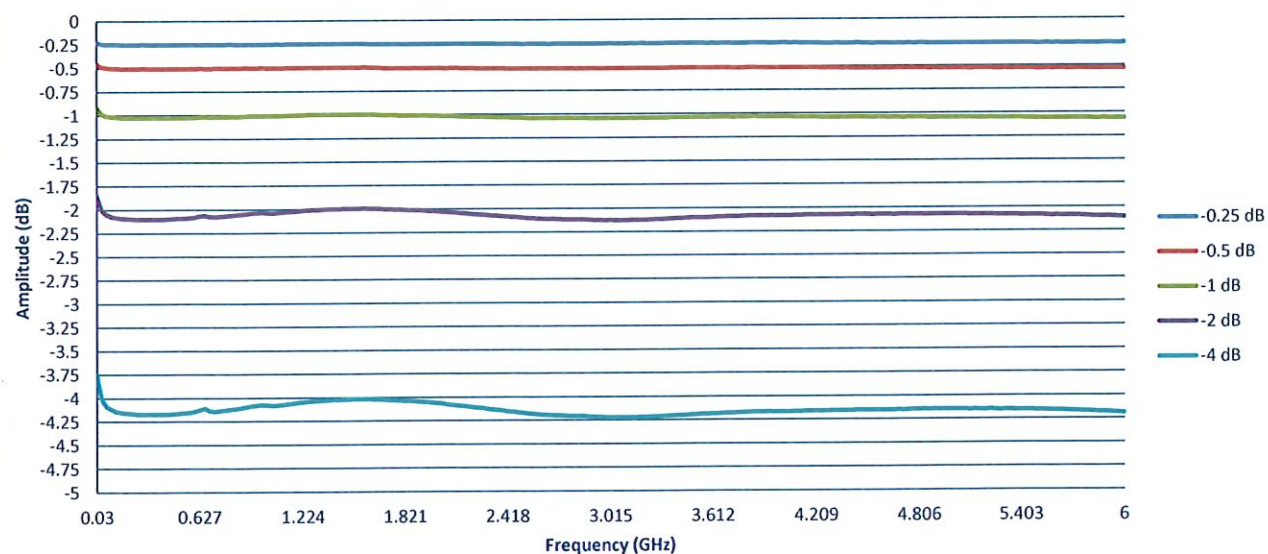
Insertion Loss



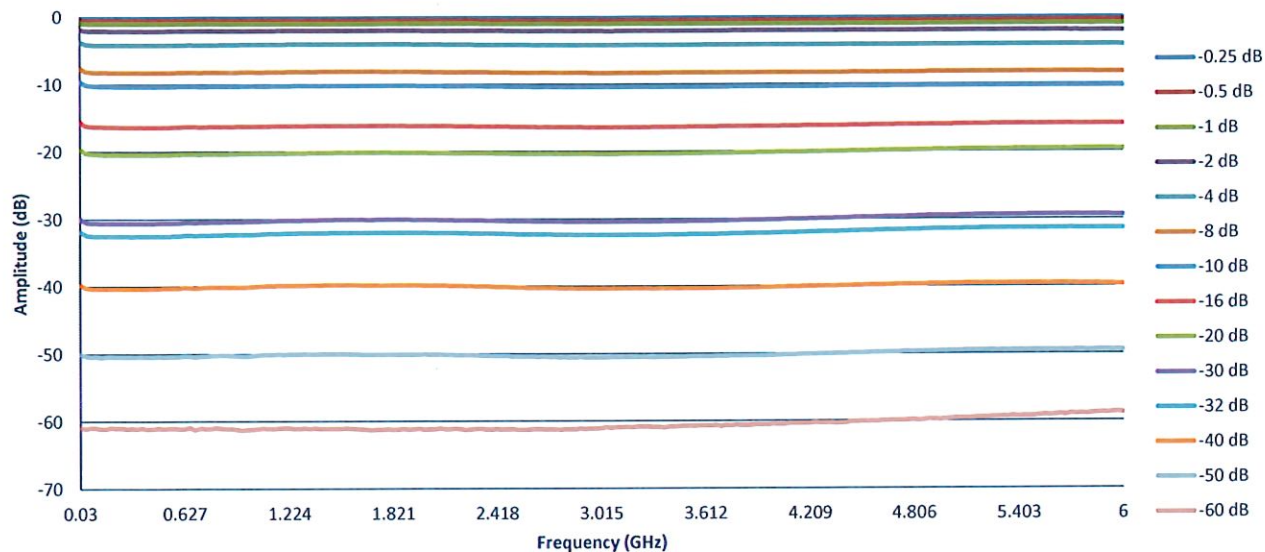
Return Loss



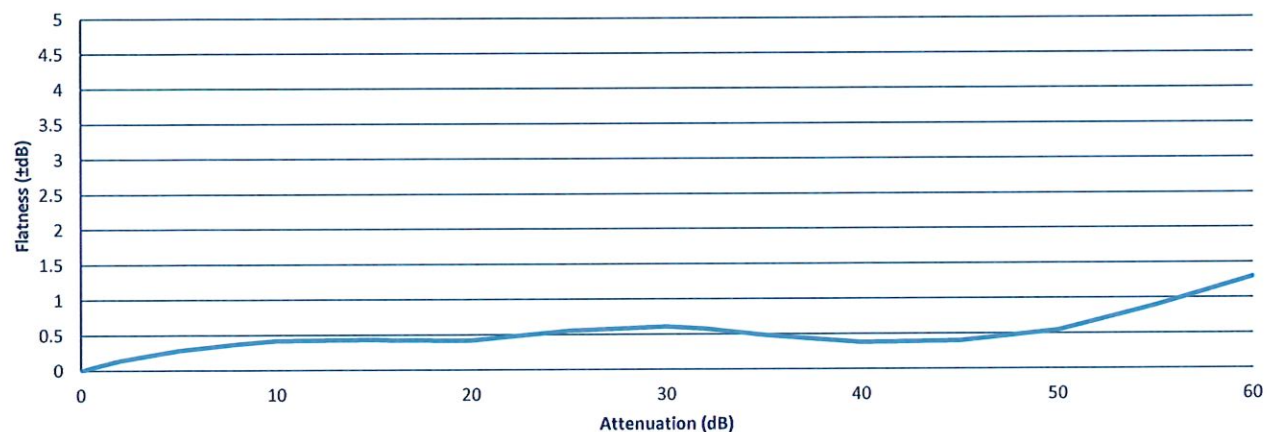
Attenuation vs. Frequency (Small Bits)



Attenuation vs. Frequency (All Bits)



Flatness



Accuracy

