SUMMARY TEST DATA
ON
DTA-18G40G-50-CD-1

Customer: _____ **Tested By:** K. Mansfield

Job No: _____ **Date:** Thursday, February 10, 2022

Model No: DTA-18G40G-50-CD-1 **Temperature:** +25° C

Serial No: PL35580/2206 **Drawing No:** 27628621 **Rev:** A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	RESULTS	QA QC
1	Frequency Range:	18 GHz – 40 GHz	18 GHz – 40 GHz	PMI QA 2
2	Mean Attenuation Range:	50 dB	51.2 dB	
3	Insertion Loss:	8.5 dB Typ.	8.5 dB See Plot	
4	VSWR:	2.5:1 Max.	1.8:1 See Plot	
5	Flatness to 16 dB:	±1.5 dB Typ.	±0.45 dB See Plot	
6	Flatness to 32 dB:	±1.5 dB Typ.	±0.74 dB See Plot	
7	Flatness to 50 dB:	±1.5 dB Typ.	±1.05 dB See Plot	
8	Accuracy of Attenuation 0 to 16 dB:	± 2.0 dB Typ.	±0.24 dB See Plot	
9	Accuracy of Attenuation 16 to 32 dB:	± 2.0 dB Typ.	±0.14 dB See Plot	
10	Accuracy of Attenuation 32 to 50 dB:	± 2.0 dB Typ.	±0.03 dB See Plot	
11	Switching Speed:	On: 1.0 µs Max. Off: 0.5 µs Max.	See Typical Characteristics	
12	DC Supply:	+15VDC @ 100 mA Max.	40 mA	PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.05	0.01	0.04	0.01
0.10	0.02	0.08	0.01
0.20	0.05	0.15	0.01
0.40	0.12	0.28	0.41
0.80	0.28	0.52	0.03
1.60	0.83	0.77	0.08
3.20	2.98	0.22	0.33
6.40	6.27	0.13	0.67
12.80	12.62	0.18	1.12
25.60	25.43	0.17	1.48

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
4.00	3.78	0.22	0.41
8.00	7.83	0.17	0.81
16.00	15.85	0.15	1.25
24.00	23.88	0.12	1.46
32.00	31.92	0.08	1.69
40.00	39.99	0.01	2.00
48.00	48.04	-0.04	2.38
49.60	49.62	-0.02	2.35
51.15	51.18	-0.03	2.56

QA/QC Approval: _____ PMI QA 2 Date: 2/11/2022

7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

PL35580/2206

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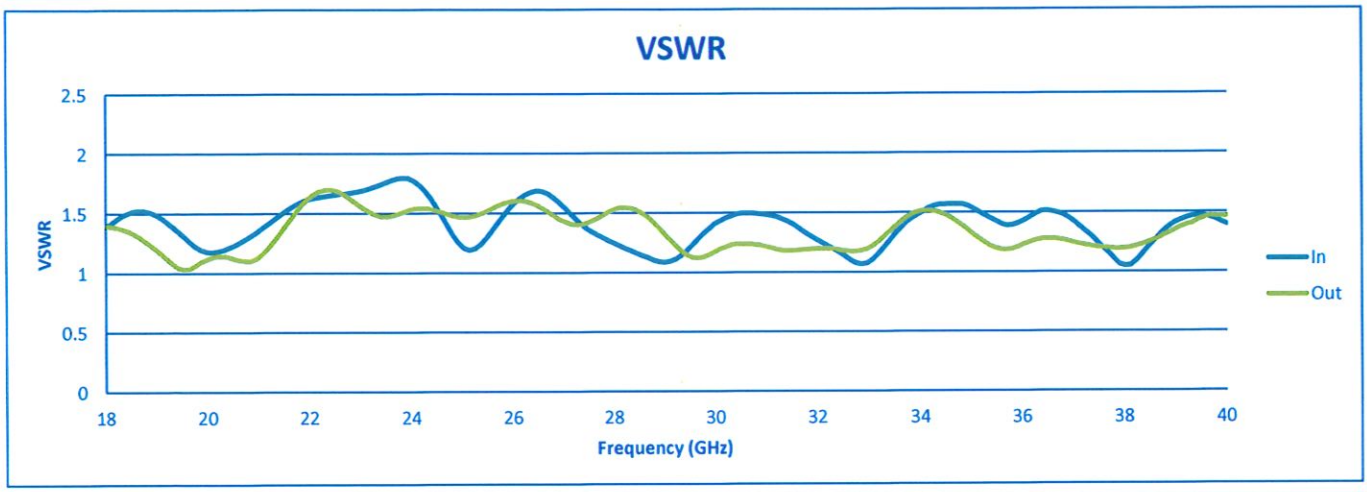
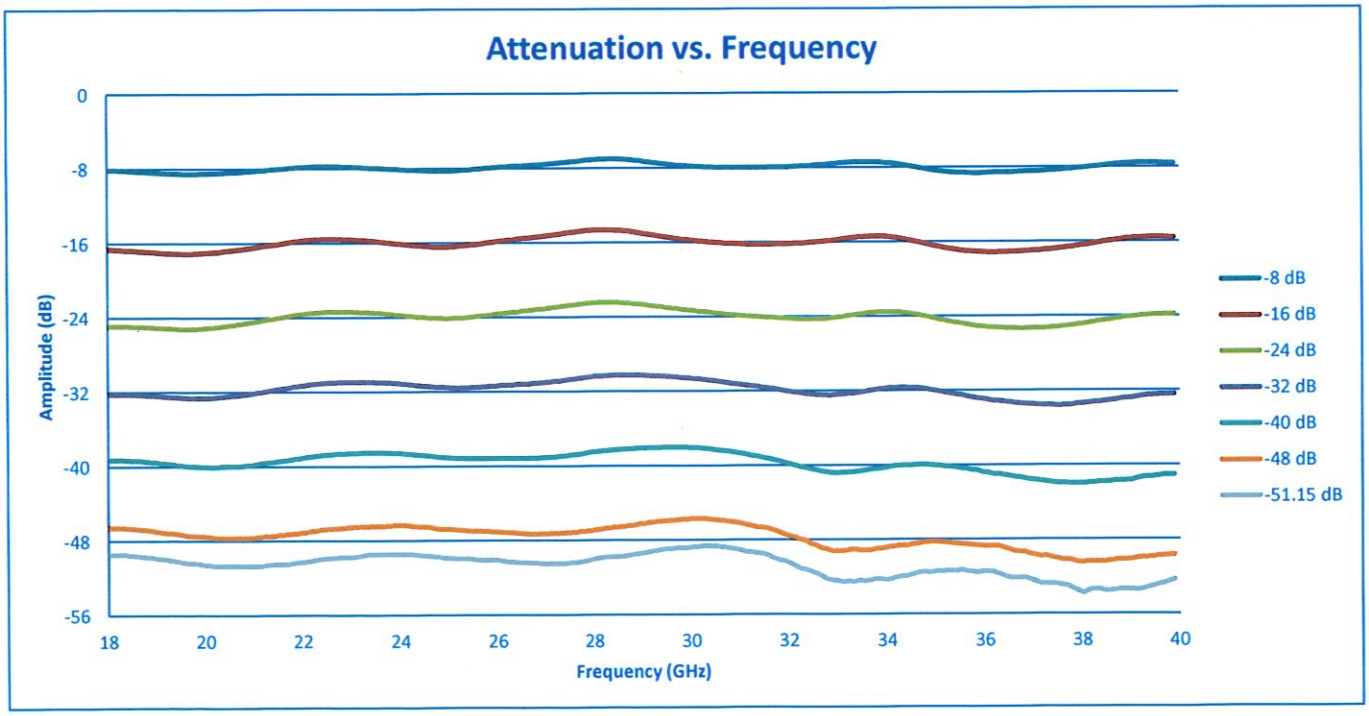
ON
DTA-18G40G-50-CD-1





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