



SUMMARY TEST DATA ON DTA-100M40G-30-CD-1-BCD

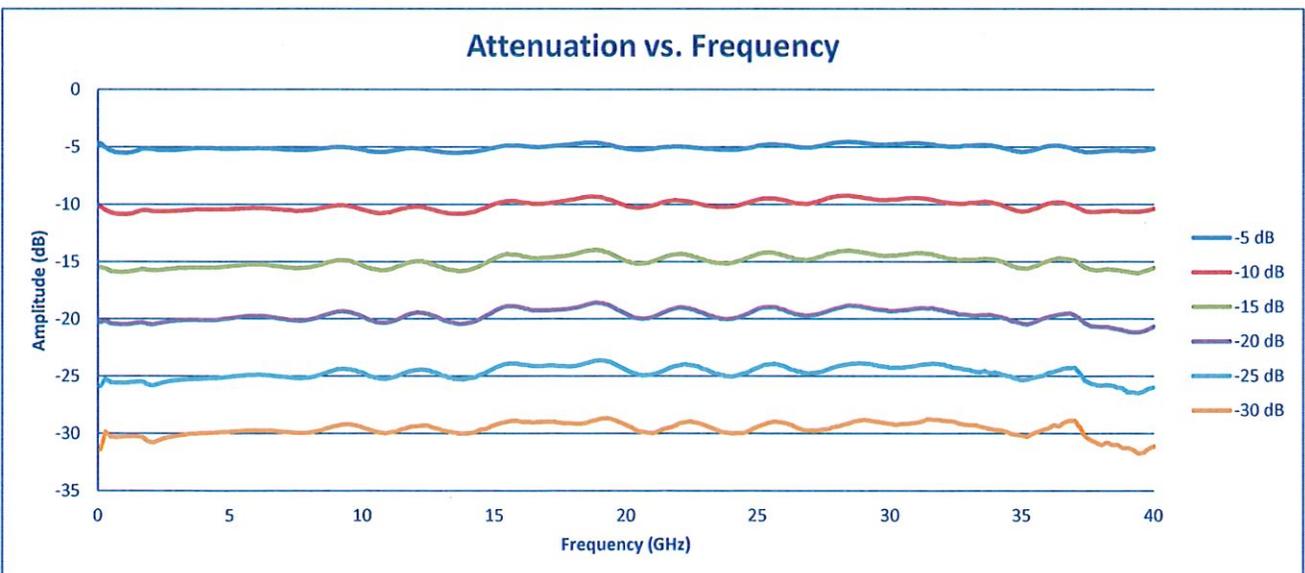
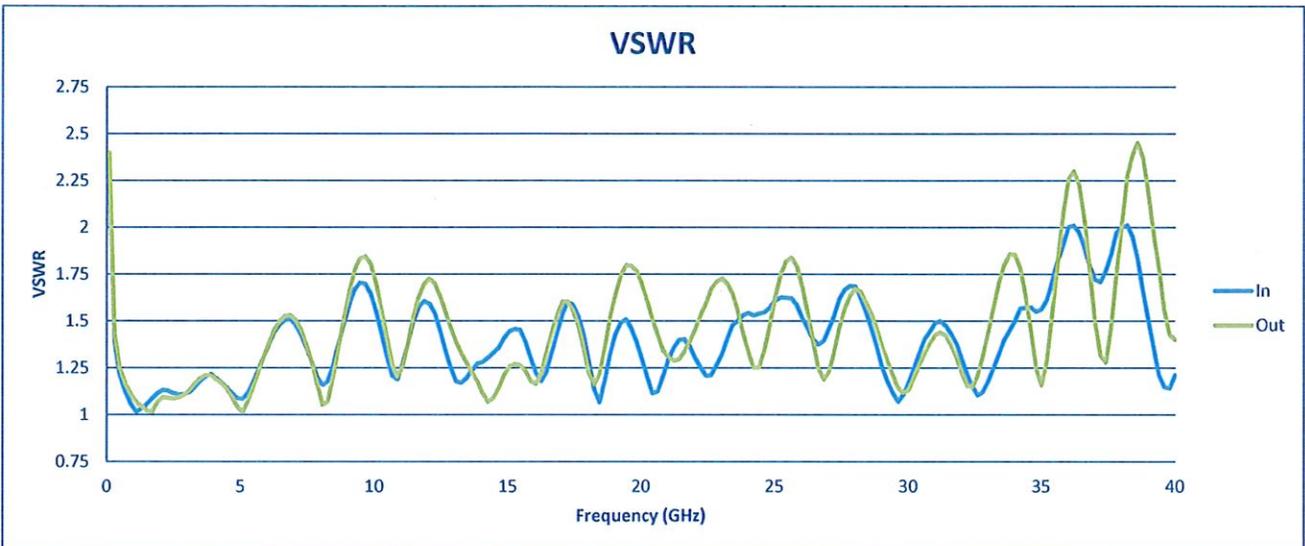
Customer: _____ **Tested By:** K. Mansfield
Job No: _____ **Temperature:** +25° C
Model No: DTA-100M40G-30-CD-1-BCD **Date:** Monday, July 3, 2023
Serial No: PL41028/2324 **Drawing No:** 27645760 **Rev:** A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC	
1	Frequency Range:	100 MHz to 40 GHz	100 MHz to 40 GHz	PMI QA2	
2	Mean Attenuation Range:	30 dB	30.2 dB		
3	Insertion Loss:	5.0 dB Typ. (Up to 20 GHz) 8.0 dB Typ. (Up to 40 GHz)	5.26 dB 7.31 dB See Plot		
4	VSWR:	2.5:1 Typ.	2.45:1 See Plot		
5	Accuracy of Attenuation:	± 2.5 dB Typ.	±0.2 dB See Plot		
6	Minimum Attenuation Step:	1.0 dB	0.94 dB See Plot		
7	Power Handling Capability:	+24 dBm CW Max.	See Typical Characteristics		
8	Input 1 dB Compression:	+20 dBm Typ.	See Typical Characteristics		
9	Switching Speed:	On: 1.0 μs Max. Off: 0.5 μs Max.	See Typical Characteristics		
10	DC Supply:	+15VDC @ 50 mA Max.	35 mA		PMI QA2

Programed Attenuation	Attenuation	Accuracy of Attenuation
dB	dB	dB
1.00	1.01	-0.01
2.00	1.98	0.02
4.00	3.97	0.03
8.00	8.05	-0.05
16.00	15.98	0.02

Programed Attenuation	Attenuation	Accuracy of Attenuation
dB	dB	dB
5.00	5.02	-0.02
10.00	10.06	-0.06
15.00	14.98	0.02
20.00	19.87	0.13
25.00	25.04	-0.04
30.00	30.20	-0.20

QA/QC Approval: PMI QA2 **Date:** 7/3/2023



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