


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

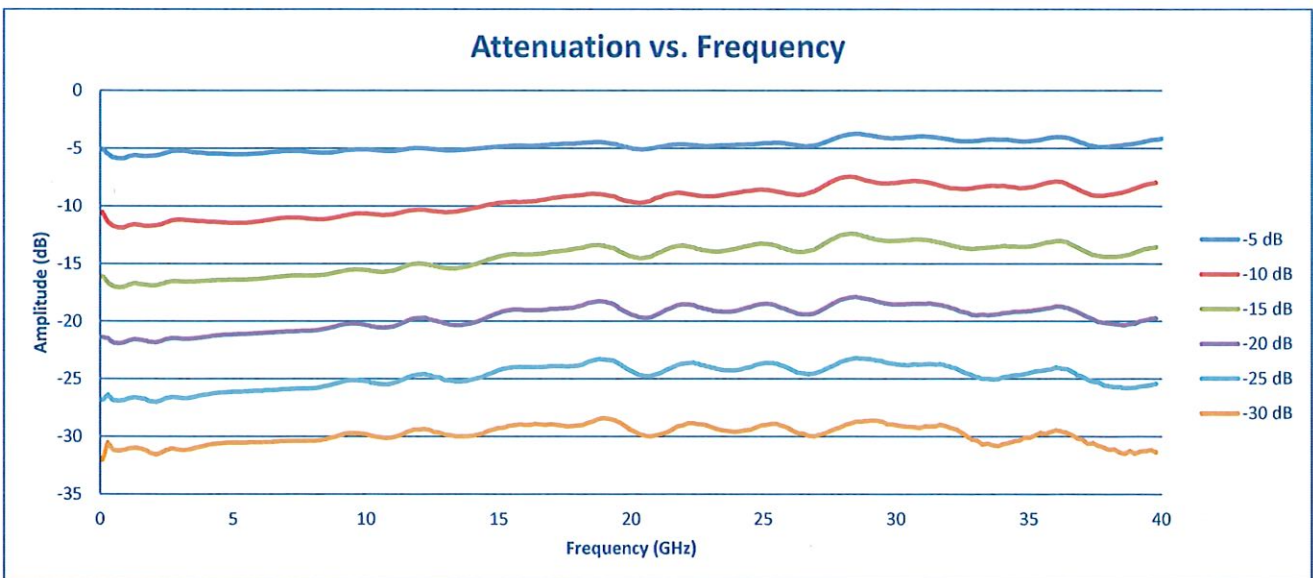
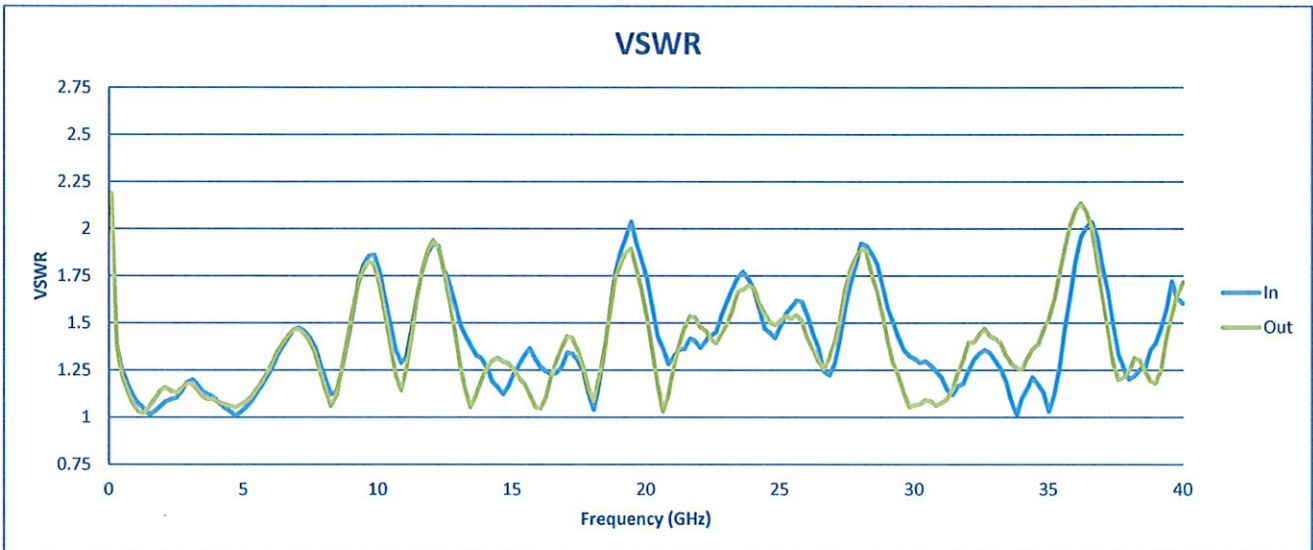
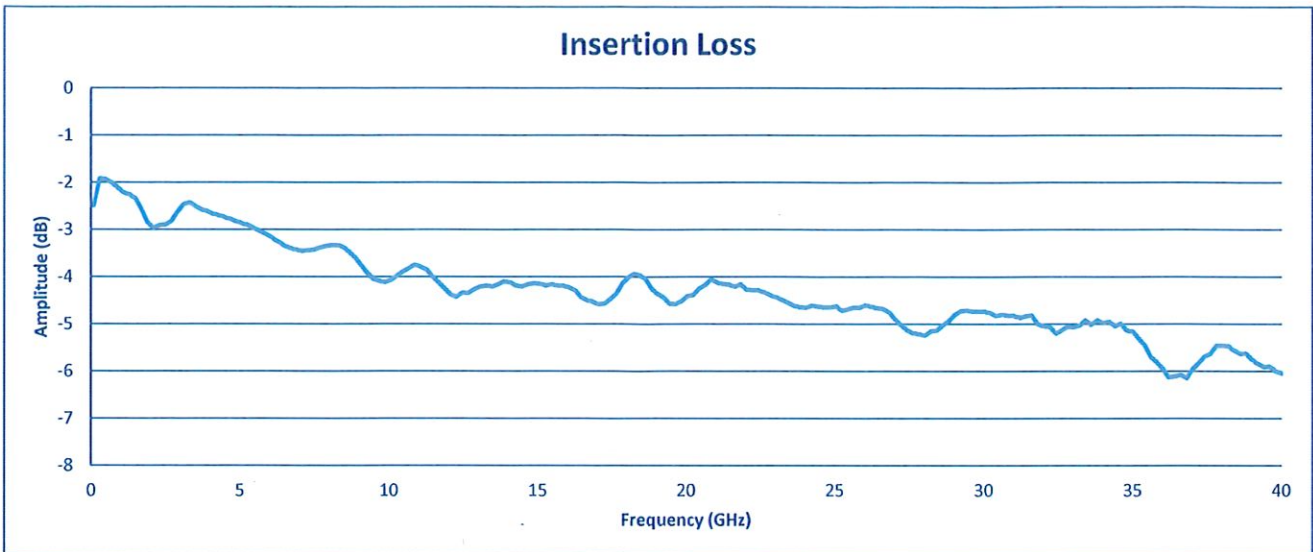
Customer: _____ Tested By: K. Mansfield
 Job No: _____ Temperature: +25° C
 Model No: DTA-100M40G-30-CD-1 Date: Friday, February 17, 2023
 Serial No: PL39540/2307 Drawing No: 27615615 Rev: A2

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	31.2 dB		
3	Insertion Loss:	5.0 dB Typ. (Up to 20 GHz) 8.0 dB Typ. (Up to 40 GHz)	4.58 dB 6.15 dB See Plot		
4	VSWR:	2.5:1 Typ.	2.19:1 See Plot		
5	Accuracy of Attenuation:	± 2.5 dB Typ.	±0.34 dB See Plot		
6	Minimum Attenuation Step:	1.0 dB	0.9 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.	39 mA		PMI QA2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
1.00	0.91	0.09	0.18
2.00	1.84	0.16	0.37
4.00	3.80	0.20	0.79
8.00	7.72	0.28	1.75
16.00	15.76	0.24	2.26
31.00	31.20	-0.20	1.81

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.80	0.20	1.08
10.00	9.67	0.33	2.22
15.00	14.72	0.28	2.34
20.00	19.89	0.11	2.01
25.00	25.10	-0.10	1.90
30.00	30.21	-0.21	1.82

QA/QC Approval:  PMI
QA2 Date: 2/21/2023



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