

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

Customer: _____
Job No: _____
Model No: DTA-100M40G-30-CD-1-BCD
Serial No: PL41022/2324

Tested By: K. Mansfield
Temperature: +25° C
Date: Friday, June 16, 2023
Drawing No: 27645760 **Rev:** A1

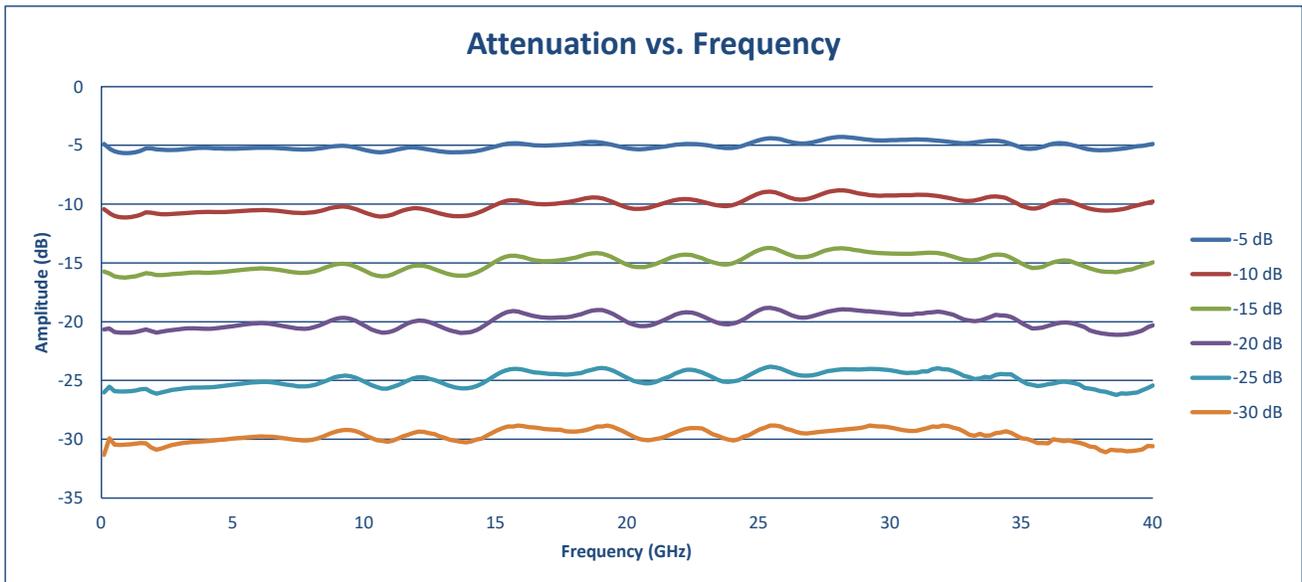
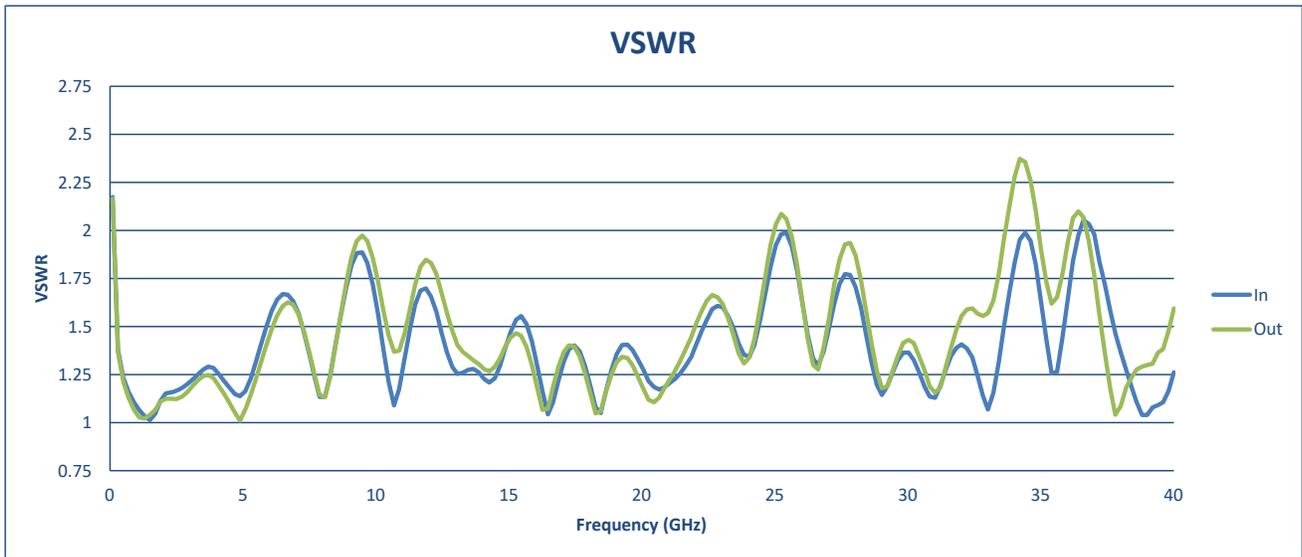
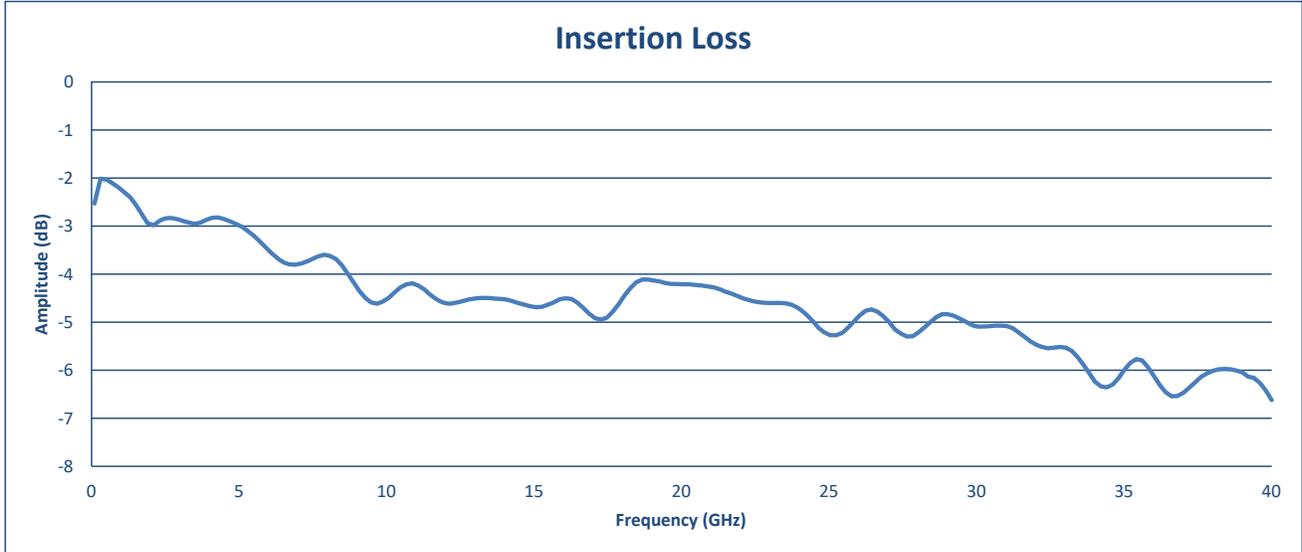
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC
1	Frequency Range:	100 MHz to 40 GHz	100 MHz to 40 GHz	
2	Mean Attenuation Range:	30 dB	30.1 dB	
3	Insertion Loss:	5.0 dB Typ. (Up to 20 GHz) 8.0 dB Typ. (Up to 40 GHz)	4.94 dB 6.62 dB See Plot	
4	VSWR:	2.5:1 Typ.	2.37:1 See Plot	
5	Accuracy of Attenuation:	± 2.5 dB Typ.	±0.08 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.	33 mA	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
1.00	1.00	0.00	0.23
2.00	1.99	0.01	0.33
4.00	3.98	0.02	0.53
8.00	7.96	0.04	1.04
16.00	15.99	0.01	1.21

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.97	0.03	0.68
10.00	9.97	0.03	1.15
15.00	14.98	0.02	1.25
20.00	19.97	0.03	1.15
25.00	25.03	-0.03	1.20
30.00	30.08	-0.08	1.26

QA/QC Approval: _____

Date: _____



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