

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

Customer: _____
Job No: _____
Model No: **DTA-100M40G-30-CD-1-BCD**
Serial No: **PL41020/2324**

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

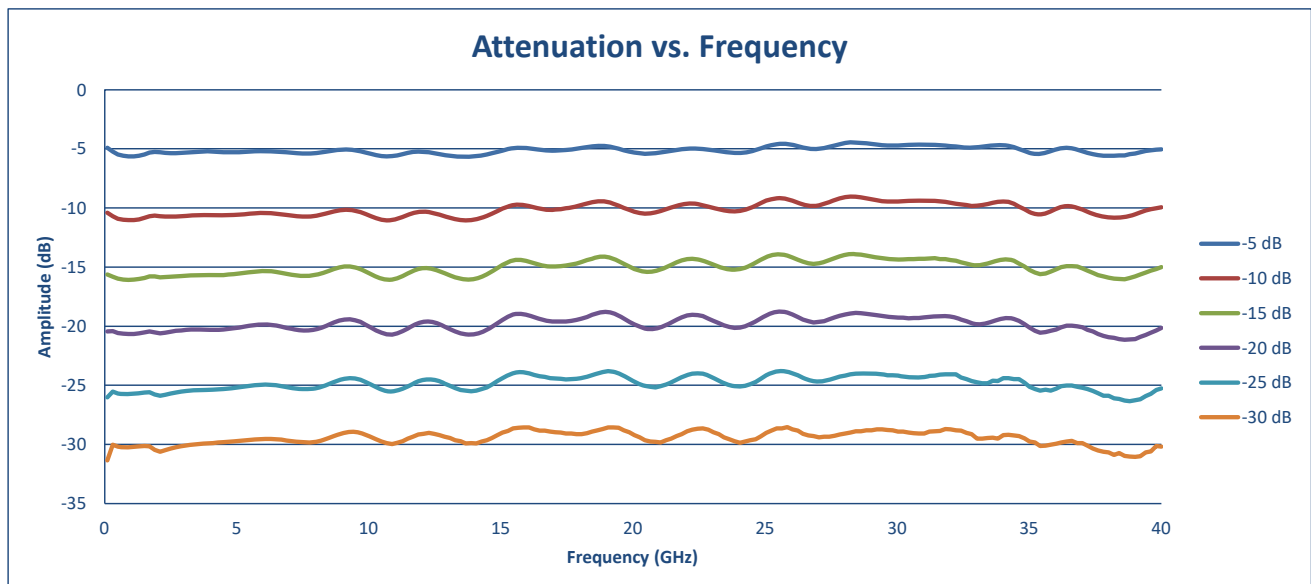
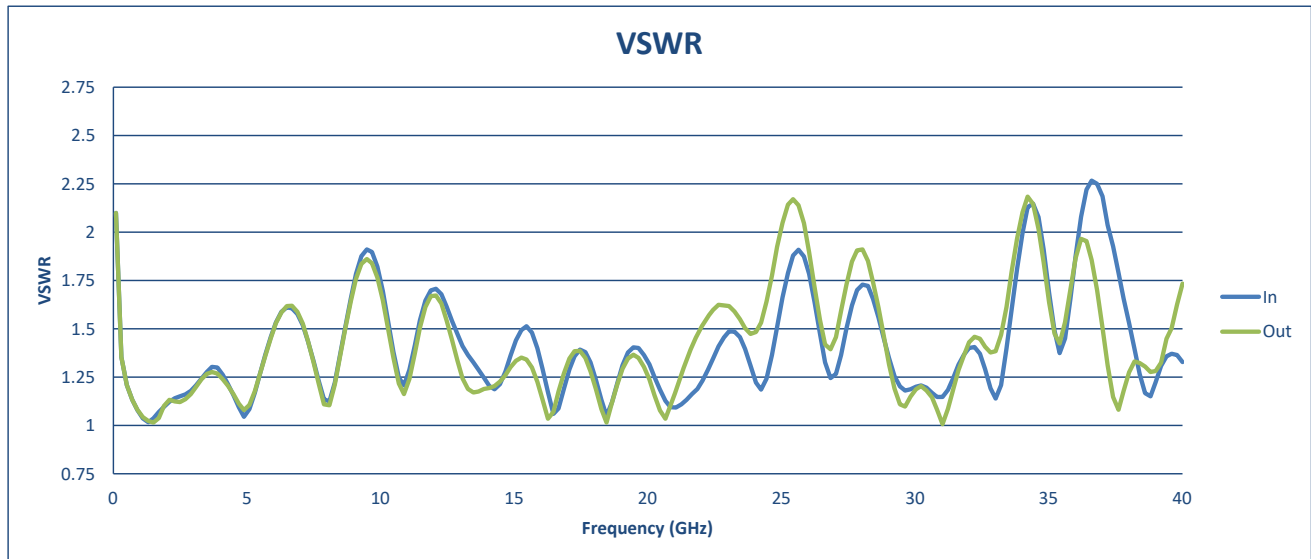
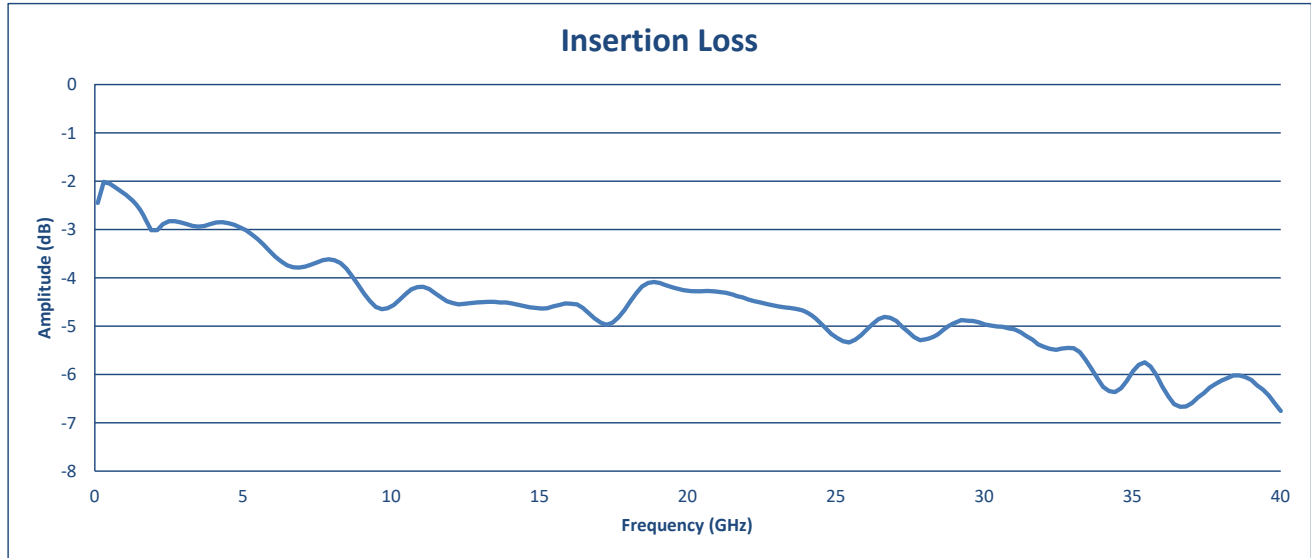
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC
1	Frequency Range:	100 MHz to 40 GHz	100 MHz to 40 GHz	
2	Mean Attenuation Range:	30 dB	29.9 dB	
3	Insertion Loss:	5.0 dB Typ. (Up to 20 GHz) 8.0 dB Typ. (Up to 40 GHz)	4.97 dB 6.76 dB See Plot	
4	VSWR:	2.5:1 Typ.	2.27:1 See Plot	
5	Accuracy of Attenuation:	± 2.5 dB Typ.	±0.06 dB See Plot	
6	Minimum Attenuation Step:	1.0 dB	0.93 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	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
1.00	1.02	-0.02	0.22
2.00	2.03	-0.03	0.31
4.00	4.06	-0.06	0.48
8.00	8.03	-0.03	0.91
16.00	16.00	0.00	1.10

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.06	-0.06	0.61
10.00	10.05	-0.05	1.00
15.00	14.99	0.01	1.09
20.00	19.95	0.05	1.19
25.00	25.06	-0.06	1.27
30.00	29.95	0.05	1.41

QA/QC Approval: _____

Date: _____



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