

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

Customer: _____
 Job No: _____
 Model No: DTA-100M40G-30-CD-1
 Serial No: _____ 71779
 Part No: _____

Tested By: K. Mansfield
 Date: Tuesday, October 31, 2017
 Temperature: +25° C
 Drawing No: 27615619 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC
1	Frequency Range:	0.1 GHz – 40 GHz	0.1 GHz – 40 GHz	PMI QA 2
2	Insertion Loss:	5.0 dB Typ. up to 20 GHz 8.0 dB Typ. up to 40 GHz	4.9 dB (0.1 to 20 GHz) 6.8 dB (20 to 40 GHz) See Plot	
3	VSWR:	2.5:1 Typ.	2.3:1 See Plot	
4	Flatness to 15 dB:		1.5 dB See Plot	
6	Flatness to 30 dB:		2.26 dB See Plot	
8	Accuracy of Attenuation 0 to 10 dB:	± 2.5 dB Typ.	0.15 dB See Plot	
9	Accuracy of Attenuation 10 to 20 dB:	± 2.5 dB Typ.	0.14 dB See Plot	
10	Accuracy of Attenuation 20 to 30 dB:	± 2.5 dB Typ.	0.25 dB See Plot	
11	Switching Speed:	On: 1.0 µs Max. Off: 0.5 µs Max.	On: <0.3 µs Off: <0.2 µs See Typical Characteristics	
12	DC Supply:	+15VDC @ 50 mA Max.	38 mA	PMI QA 2

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
1.00	1.15	-0.15	0.28
2.00	2.06	-0.06	0.33
4.00	4.06	-0.06	0.50
8.00	8.07	-0.07	0.86
16.00	16.07	-0.07	1.51
31.00	-31.25	62.25	2.41

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
5.00	-5.03	10.03	0.56
10.00	-10.05	20.05	1.08
15.00	-15.09	30.09	1.50
20.00	-20.14	40.14	1.72
25.00	-25.17	50.17	2.01
30.00	-30.21	60.21	2.26

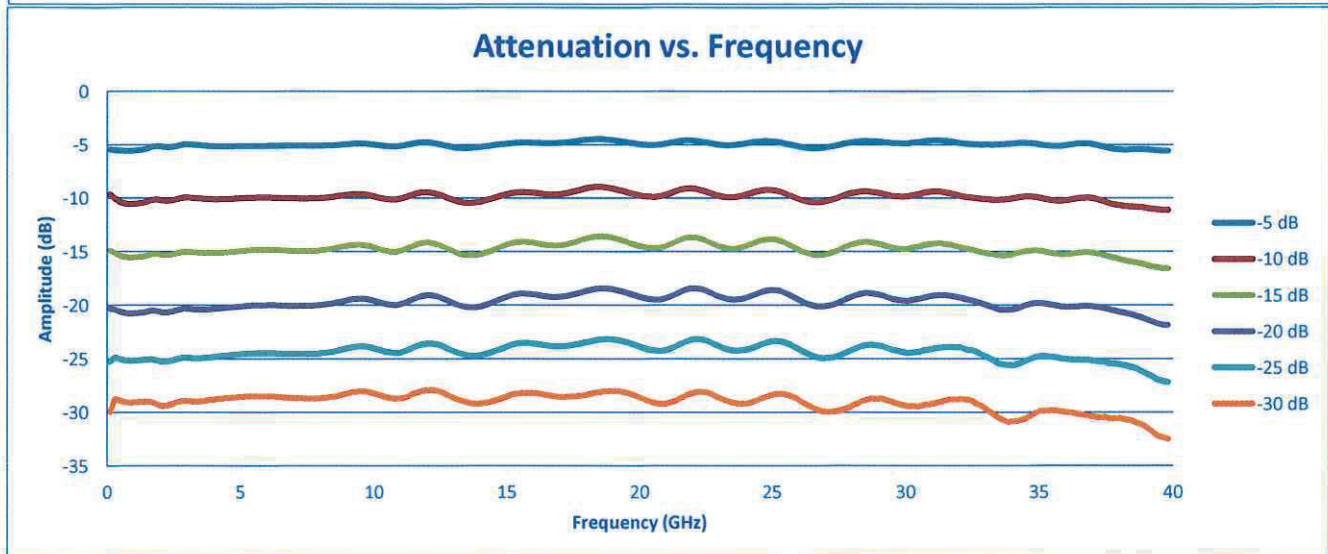
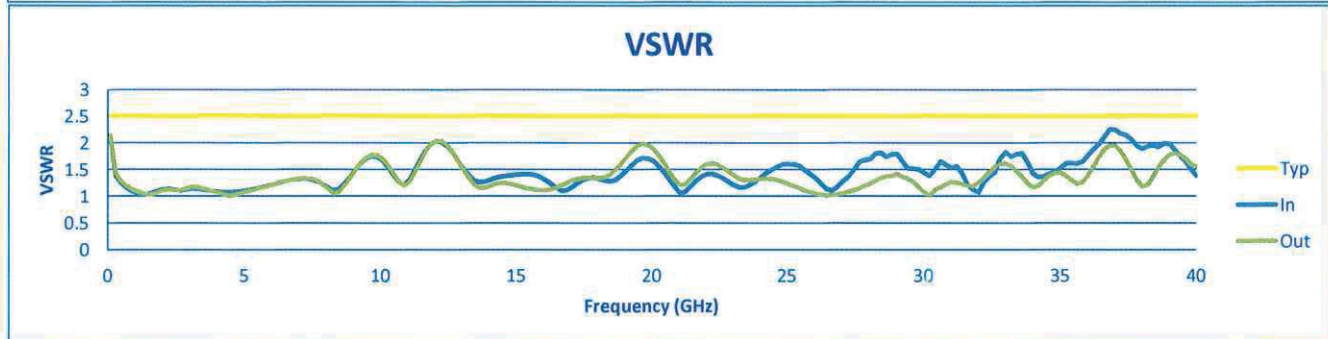
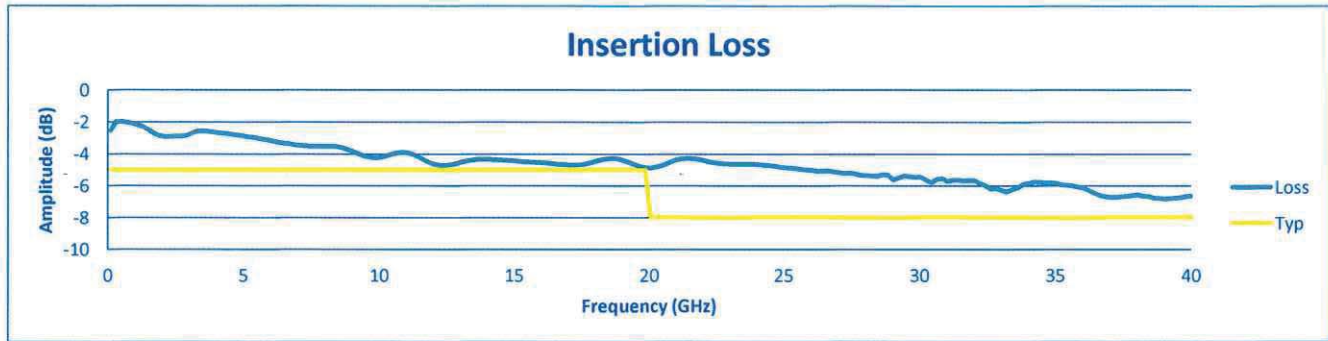
QA/QC Approval:  PMI QA 2

Date: 11/1/17



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V000977F103120171779





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