



Summary Test Data
On
DTA-200M18G-100-CD-1

Customer: _____
Job No: _____
Model No: DTA-200M18G-100-CD-1
Serial No: PL24124/1851

Tested By: K. Mansfield
Date: Monday, January 28, 2019
Temperature: +55° C
Drawing No: 27635200 Rev: A1

Test Item No:	Parameters	Specified Value	Measured Value	QA QC
1	Frequency Range:	200 MHz to 18 GHz	200 MHz to 18 GHz	PMI QA1
2	Insertion Loss:	12 dB Max.	11.7 dB See Plot	
3	VSWR:	2.3:1 Max.	IN: 2.3:1 OUT: 2.3:1 See Plot	
4	Flatness to 20 dB:	±1.0 dB Typ.	±0.42 dB See Plot	
5	Flatness to 40 dB:	±1.25 dB Typ.	±0.94 dB See Plot	
6	Flatness to 60 dB:	±1.5 dB Typ.	±1.25 dB See Plot	
7	Flatness to 80 dB:	±2.0 dB Typ.	±2.64 dB See Plot	
9	Accuracy of Attenuation: 0 to 20 dB	±1.0 dB Typ.	±0.12 dB See Plot	
10	Accuracy of Attenuation: 20 to 40 dB	±1.25 dB Typ.	±0.25 dB See Plot	
11	Accuracy of Attenuation: 40 to 60 dB	±1.5 dB Typ.	±0.37 dB See Plot	
12	Accuracy of Attenuation: 60 to 80 dB	±2.0 dB Typ.	±0.46 dB See Plot	
13	Accuracy of Attenuation: 80 to 100 dB	±3.0 dB Typ.	±0.47 dB See Plot	
14	Switching Speed:	ON: 1.0 µs Max. OFF: 0.5 µs Max.	ON: <0.6 µs OFF: <0.3 µs	
15	DC Supply:	+15 VDC @ 300 mA	242 mA	PMI QA1

Programmed Attenuation	Measured Average	Accuracy	Flatness (±)
0.5	0.51	0.01	0.03
1	1.01	0.01	0.05
2	2.03	0.03	0.11
4	4.05	0.05	0.16
8	8.02	0.02	0.30
16	16.12	0.12	0.42
32	31.86	-0.14	0.74
64	63.59	-0.41	1.35
100	100.13	0.13	12.42

Programmed Attenuation	Measured Average	Accuracy	Flatness (±)
10	9.92	-0.08	0.34
20	20.04	0.04	0.41
30	29.75	-0.25	0.66
40	39.94	-0.06	0.94
50	49.79	-0.21	1.11
60	59.63	-0.37	1.25
70	69.54	-0.46	1.33
80	79.68	-0.32	2.64
90	89.53	-0.47	5.15

QA/QC Approval: _____

PMI
QA1

Date: _____

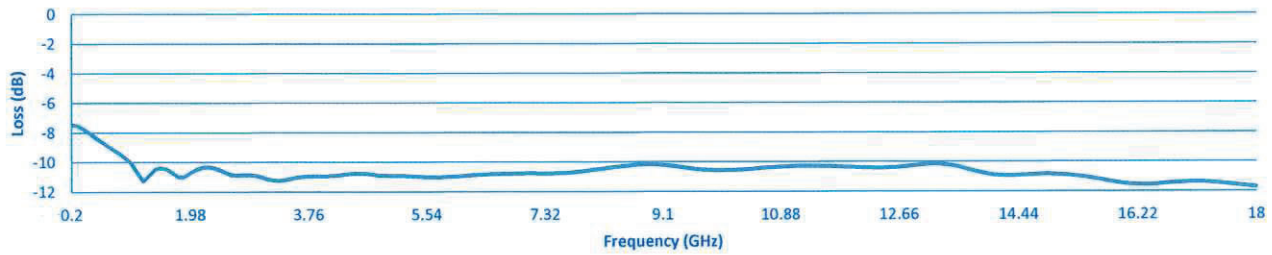
1/28/19



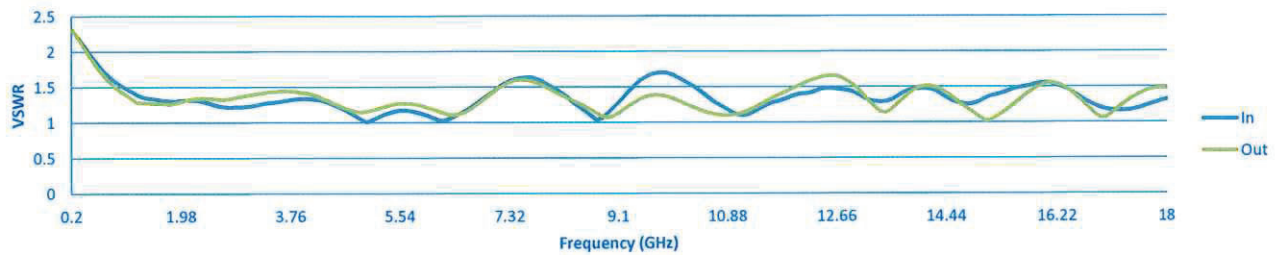
Summary Test Data
On
DTA-200M18G-100-CD-1

PL24124/1851

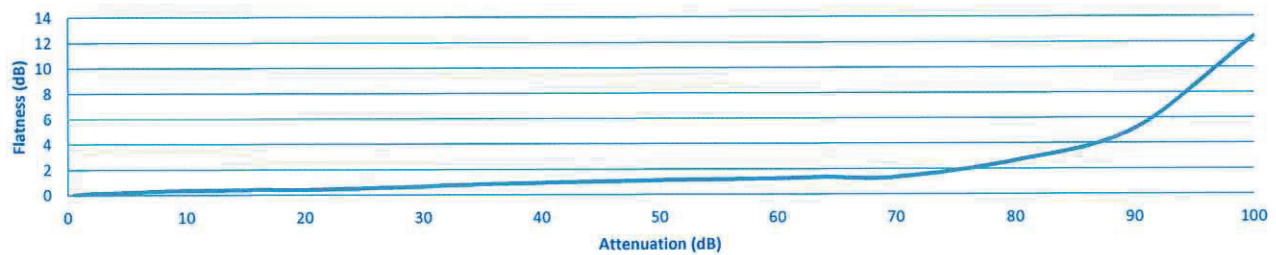
Insertion Loss



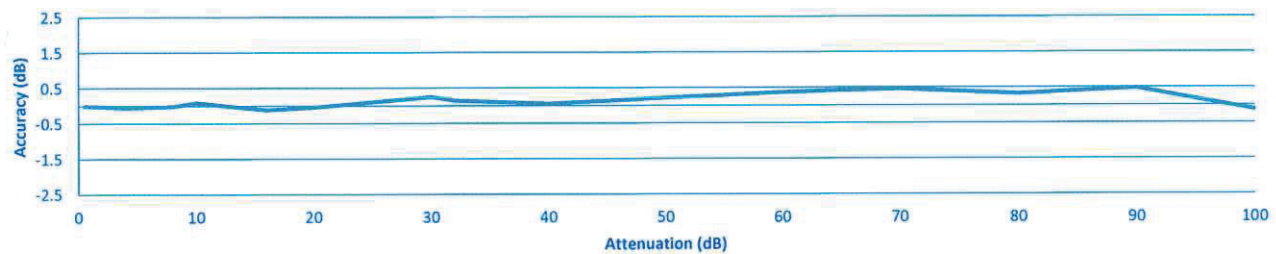
VSWR



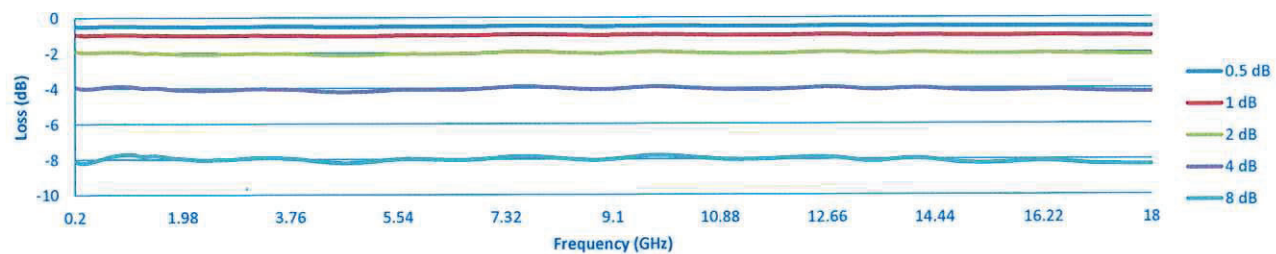
Flatness



Accuracy



Attenuation (Small Bits)





**Summary Test Data
On
DTA-200M18G-100-CD-1**

PL24124/1851

