



## SUMMARY TEST DATA ON DTA-2G18G-60-12-CD-1-20DBM-TS

Customer: \_\_\_\_\_  
 Job No: \_\_\_\_\_  
 Model No: DTA-2G18G-60-12-CD-1-20DBM-TS  
 Serial No: PL26327/1933

Tested By: K. Mansfield  
 Date: Friday, August 30, 2019  
 Temperature: +25° C  
 Drawing No: 27617795 Rev: A2

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC	
1	Frequency Range:	2 GHz – 18 GHz	2 GHz – 18 GHz	PMI QA 1	
2	Insertion Loss:	4.8 dB Max.	3.7 dB See Plot		
3	VSWR:	2.0:1 Max.	2:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.47 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	1.05 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	2.87 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.04 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.1 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.19 dB See Plot		
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	2.98V		
12	Switching Speed:	On Time: 1.0 µs Max. Off Time: 0.5 µs Max.	<1.0 µs On Time <0.5 µs Off Time See Typical Characteristics		
13	DC Supply:	+15VDC @ 150 mA Max.	117 mA		PMI QA 1

Programmed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0156	0.0094	0.01	0.00
0.0313	0.0251	0.01	0.00
0.0625	0.06	0.01	0.01
0.125	0.12	0.01	0.01
0.25	0.25	0.00	0.01
0.50	0.50	0.00	0.03
1.00	1.00	0.00	0.05
2.00	2.01	-0.01	0.10
4.00	4.02	-0.02	0.18
8.00	8.02	-0.02	0.27
16.00	16.02	0.00	0.35
32.00	32.00	0.00	0.79

Programmed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.96	0.04	0.21
10.00	10.02	-0.02	0.31
15.00	14.97	0.03	0.33
20.00	20.01	-0.01	0.47
25.00	24.96	0.04	0.64
30.00	29.97	0.03	0.76
35.00	34.90	0.10	0.85
40.00	39.94	0.06	1.05
45.00	44.88	0.12	1.31
50.00	49.92	0.08	1.81
55.00	54.81	0.19	2.28
60.00	59.91	0.09	2.87

QA/QC Approval:

PMI  
QA 1

Date: 8/30/19



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