



# 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: PL26744/1941

Tested By: K. Mansfield  
 Date: Friday, October 11, 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.	1.76:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.39 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.55 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.48 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.05 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.07 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	3V		
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.	118 mA		PMI QA 1

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0156	0.0188	0.00	0.01
0.0313	0.0351	0.00	0.01
0.0625	0.06	0.00	0.01
0.125	0.13	0.00	0.01
0.25	0.26	-0.01	0.02
0.50	0.51	-0.01	0.03
1.00	1.01	-0.01	0.05
2.00	2.01	-0.01	0.11
4.00	4.03	-0.03	0.19
8.00	8.03	-0.03	0.28
16.00	16.03	-0.07	0.37
32.00	32.07	-0.07	0.53

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.97	0.03	0.23
10.00	10.04	-0.04	0.31
15.00	14.98	0.02	0.36
20.00	20.05	-0.05	0.39
25.00	25.00	0.00	0.53
30.00	30.05	-0.05	0.55
35.00	35.01	-0.01	0.53
40.00	40.04	-0.04	0.47
45.00	45.00	0.00	0.36
50.00	50.05	-0.05	0.46
55.00	55.06	-0.06	0.92
60.00	60.19	-0.19	1.48

QA/QC Approval: [Signature] PMI QA 1

Date: 10/14/19



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