



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

Customer: \_\_\_\_\_  
 Job No: \_\_\_\_\_  
 Model No: DTA-2G18G-60-12-CD-1-20DBM-TS-NSI  
 Serial No: PL33288/2131

Tested By: K. Mansfield  
 Date: Friday, August 6, 2021  
 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 2	
2	Insertion Loss:	4.8 dB Max.	4.5 dB See Plot		
3	VSWR:	2.0:1 Max.	1.87:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.54 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.71 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.84 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.28 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.63 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	1.24 dB See Plot		
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	3 V		
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.	119 mA		PMI QA 2

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
0.0156	0.0285	-0.01	0.01
0.0313	0.0428	-0.01	0.01
0.0625	0.0694	-0.01	0.02
0.125	0.130	0.00	0.02
0.25	0.25	0.00	0.02
0.50	0.50	0.00	0.05
1.00	1.00	0.00	0.09
2.00	2.00	0.00	0.16
4.00	4.02	-0.02	0.28
8.00	7.98	0.02	0.29
16.00	15.78	0.52	0.40
32.00	31.48	0.52	0.71

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
5.00	5.02	-0.02	0.31
10.00	9.95	0.05	0.28
15.00	14.74	0.26	0.36
20.00	19.72	0.28	0.54
25.00	24.61	0.39	0.63
30.00	29.53	0.47	0.67
35.00	34.39	0.61	0.66
40.00	39.37	0.63	0.64
45.00	44.30	0.70	0.56
50.00	49.15	0.85	0.53
55.00	54.02	0.98	0.79
60.00	58.76	1.24	1.84

QA/QC Approval:

PMI  
QA 2

Date: 8/12/2021



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