



## 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: PL33292/2131

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 dB See Plot		
3	VSWR:	2.0:1 Max.	1.66:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.43 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.6 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.91 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.37 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.57 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.84 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.	118 mA		PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0156	0.0210	-0.01	0.01
0.0313	0.0364	-0.01	0.01
0.0625	0.0668	0.00	0.01
0.125	0.130	-0.01	0.01
0.25	0.27	-0.02	0.02
0.50	0.53	-0.03	0.03
1.00	1.03	-0.03	0.06
2.00	2.06	-0.06	0.12
4.00	4.04	-0.04	0.21
8.00	7.96	0.04	0.28
16.00	16.09	-0.53	0.33
32.00	32.53	-0.53	0.60

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.04	-0.04	0.23
10.00	9.94	0.06	0.24
15.00	14.97	0.03	0.30
20.00	20.37	-0.37	0.43
25.00	25.41	-0.41	0.54
30.00	30.54	-0.54	0.60
35.00	35.57	-0.57	0.58
40.00	40.56	-0.56	0.50
45.00	45.39	-0.39	0.48
50.00	50.41	-0.41	0.59
55.00	55.40	-0.40	0.83
60.00	60.84	-0.84	1.91

QA/QC Approval: *[Signature]*

PMI  
QA 2

Date: 8/12/2021



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