



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: PL33248/2130

Tested By: K. Mansfield
 Date: Saturday, July 31, 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.	4.3 dB See Plot		
3	VSWR:	2.0:1 Max.	1.77:1 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.	0.67 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.77 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.06 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.19 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.45 dB See Plot		
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	3.01 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.	120 mA		PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0156	0.0258	-0.01	0.01
0.0313	0.0388	-0.01	0.01
0.0625	0.0643	0.00	0.01
0.125	0.125	0.00	0.02
0.25	0.25	0.00	0.02
0.50	0.50	0.00	0.04
1.00	1.00	0.00	0.08
2.00	2.01	-0.01	0.16
4.00	4.04	-0.04	0.29
8.00	8.06	-0.06	0.30
16.00	16.04	-0.17	0.40
32.00	32.17	-0.17	0.59

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.04	-0.04	0.33
10.00	10.05	-0.05	0.28
15.00	14.94	0.06	0.36
20.00	20.06	-0.06	0.47
25.00	25.02	-0.02	0.55
30.00	30.10	-0.10	0.60
35.00	35.16	-0.16	0.61
40.00	40.19	-0.19	0.67
45.00	45.12	-0.12	0.52
50.00	50.18	-0.18	0.55
55.00	55.45	-0.45	0.85
60.00	60.16	-0.16	1.77

QA/QC Approval: _____

[Signature]

PMI
QA 2

Date: _____

7/31/2021



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