



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: PL26404/1935

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.	3.3 dB See Plot		
3	VSWR:	2.0:1 Max.	1.94:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.5 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.66 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.21 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.14 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.17 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.11 dB See Plot		
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	2.99V		
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

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0156	0.0174	0.00	0.00
0.0313	0.0294	0.00	0.00
0.0625	0.06	0.00	0.01
0.125	0.13	0.00	0.02
0.25	0.26	-0.01	0.03
0.50	0.52	-0.02	0.06
1.00	1.03	-0.03	0.11
2.00	2.06	-0.06	0.21
4.00	4.11	-0.11	0.35
8.00	8.14	-0.14	0.32
16.00	16.11	-0.17	0.41
32.00	32.17	-0.17	0.66

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.13	-0.13	0.39
10.00	10.13	-0.13	0.28
15.00	15.00	0.00	0.37
20.00	20.06	-0.06	0.50
25.00	25.06	-0.06	0.58
30.00	30.11	-0.11	0.65
35.00	35.09	-0.09	0.66
40.00	40.11	-0.11	0.64
45.00	45.02	-0.02	0.59
50.00	50.11	-0.11	0.59
55.00	54.98	0.02	0.81
60.00	59.93	0.07	1.21

QA/QC Approval: [Signature] PMI QA 1

Date: 8/30/19



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

PL26404/1935

