



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: PL25909/1927

Tested By: K. Mansfield
 Date: Friday, May 28, 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 QA2	
2	Insertion Loss:	4.8 dB Max.	3.2 dB See Plot		
3	VSWR:	2.0:1 Max.	1.62:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.52 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.95 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	2.13 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.58 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.59 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	1.19 dB See Plot		
11	Temp. Sensor:	10 mV/°C, 3.0 V @ 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 QA2

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB
-0.0156	0.0066	-0.02	0.00
-0.0313	0.0270	-0.06	0.00
0.0625	0.0788	-0.02	0.01
0.125	0.163	-0.04	0.01
0.25	0.33	-0.08	0.02
0.50	0.58	-0.08	0.03
1.00	1.08	-0.08	0.06
2.00	2.11	-0.11	0.12
4.00	4.12	-0.12	0.21
8.00	8.18	-0.18	0.28
16.00	16.28	0.15	0.34
32.00	31.85	0.15	0.79

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB
5.00	5.08	-0.08	0.24
10.00	10.20	-0.20	0.30
15.00	14.42	0.58	0.37
20.00	20.31	-0.31	0.52
25.00	25.31	-0.31	0.77
30.00	29.81	0.19	0.79
35.00	35.52	-0.52	0.95
40.00	40.59	-0.59	0.92
45.00	45.31	-0.31	0.85
50.00	50.78	-0.78	1.09
55.00	55.92	-0.92	1.22
60.00	61.19	-1.19	2.13

QA/QC Approval: _____

PMI
QA2

Date: _____

6/8/21



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

PL25909/1927

