

**SUMMARY TEST DATA
ON
DTA-0R5G4G-60-CD-1**

Customer: _____
Job No: _____
Model No: DTA-0R5G4G-60-CD-1
Serial No: PL40200/2315

Tested By: K. Mansfield
Temperature: +25°C
Date: Thursday, April 13, 2023
Drawing No: 27613131 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	QA QC	
1	Frequency Range:	0.5 GHz - 4 GHz	0.5 GHz - 4 GHz	PMI QA2	
2	Insertion Loss:	2.7 dB Max.	2.4 dB See Graph		
3	VSWR:	1.8:1 Max.	1.7:1 See Graph		
4	Flatness up to 20dB:	± 0.5 dB Typ.	± 0.26 dB See Graph		
5	Flatness up to 40dB:	± 0.75 dB Typ.	± 0.9 dB See Ghaph		
6	Flatness up to 60dB:	± 1.0 dB Typ.	± 2.31 dB See Graph		
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	± 1.33 dB See Graph		
8	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	± 3.33 dB See Graph		
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	± 3.98 dB See Graph		
10	Switching Speed:	ON: 1.0 usec Max. OFF: 0.5 usec Max.	See Typical Characteristics		
11	DC Supply:	+15VDC @ 100 mA -15VDC @ 80 mA	+15 VDC @ 85 mA -15 VDC @ 52 mA		PMI QA2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.06	0.01	0.05	0.00
0.13	0.00	0.13	0.00
0.25	0.07	0.18	0.01
0.50	0.17	0.33	0.01
1.00	0.47	0.53	0.03
2.00	1.64	0.36	0.08
4.00	5.01	-1.01	0.19
8.00	9.13	-1.13	0.14
16.00	16.47	-0.47	0.19
32.00	34.26	-2.26	0.56
62.00	66.10	-4.10	2.50
63.94	68.06	-4.12	2.72

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	6.33	-1.33	0.19
10.00	10.88	-0.88	0.14
15.00	15.51	-0.51	0.18
20.00	20.64	-0.64	0.26
25.00	26.22	-1.22	0.36
30.00	32.00	-2.00	0.49
35.00	37.76	-2.76	0.67
40.00	43.33	-3.33	0.90
45.00	48.61	-3.61	1.17
50.00	53.60	-3.60	1.50
55.00	58.51	-3.51	1.86
60.00	63.98	-3.98	2.31

QA/QC Approval: *[Signature]* PMI QA2 Date: 4/14/2023



