

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

Customer: _____
 Job No: _____
 Model No: DTA-0R5G4G-60-CD-1
 Serial No: PL40201/2315

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.	1.6:1 See Graph		
4	Flatness up to 20dB:	± 0.5 dB Typ.	± 0.38 dB See Graph		
5	Flatness up to 40dB:	± 0.75 dB Typ.	± 1.34 dB See Graph		
6	Flatness up to 60dB:	± 1.0 dB Typ.	± 2.72 dB See Graph		
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	± 1.36 dB See Graph		
8	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	± 1.14 dB See Graph		
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	± 1.19 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 @ 87 mA -15 VDC @ 52 mA		PMI QA2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.06	0.01	0.06	0.00
0.13	0.01	0.11	0.00
0.25	0.03	0.22	0.00
0.50	0.07	0.43	0.00
1.00	0.20	0.80	0.02
2.00	0.78	1.22	0.04
4.00	2.64	1.36	0.05
8.00	6.80	1.20	0.10
16.00	15.59	0.41	0.28
32.00	32.88	-0.88	0.88
62.00	60.28	1.72	2.86
63.94	61.70	2.24	2.99

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	3.70	1.30	0.06
10.00	8.96	1.04	0.15
15.00	14.52	0.48	0.26
20.00	20.05	-0.05	0.38
25.00	25.50	-0.50	0.56
30.00	30.85	-0.85	0.78
35.00	36.09	-1.09	1.05
40.00	41.14	-1.14	1.34
45.00	45.96	-0.96	1.66
50.00	50.49	-0.49	1.99
55.00	54.78	0.22	2.35
60.00	58.81	1.19	2.72

QA/QC Approval: *[Signature]*

PMI
QA2

Date: 4/14/2023



