

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

Customer: _____
 Job No: _____
 Model No: DTA-0R5G4G-60-CD-1
 Serial No: PL40202/2315

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.	2.5 dB See Graph		
3	VSWR:	1.8:1 Max.	1.7:1 See Graph		
4	Flatness up to 20dB:	± 0.5 dB Typ.	± 0.35 dB See Graph		
5	Flatness up to 40dB:	± 0.75 dB Typ.	± 1.21 dB See Ghaph		
6	Flatness up to 60dB:	± 1.0 dB Typ.	± 2.56 dB See Graph		
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	± 0.97 dB See Graph		
8	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	± 1.74 dB See Graph		
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	± 1.61 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 @ 100 mA -15 VDC @ 51 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	0.02	0.10	0.00
0.25	0.05	0.20	0.00
0.50	0.11	0.39	0.01
1.00	0.30	0.70	0.02
2.00	1.03	0.97	0.04
4.00	3.19	0.81	0.04
8.00	7.49	0.51	0.08
16.00	16.30	-0.30	0.26
32.00	33.63	-1.63	0.78
62.00	60.56	1.44	2.68
63.94	62.02	1.91	2.83

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.33	0.67	0.05
10.00	9.65	0.35	0.13
15.00	15.21	-0.21	0.24
20.00	20.91	-0.91	0.35
25.00	26.42	-1.42	0.50
30.00	31.67	-1.67	0.69
35.00	36.74	-1.74	0.93
40.00	41.61	-1.61	1.21
45.00	46.29	-1.29	1.52
50.00	50.77	-0.77	1.84
55.00	55.04	-0.04	2.20
60.00	59.12	0.88	2.56

QA/QC Approval: PMI QA2 Date: 4/14/2023



