



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

Customer: _____
 Job No: _____
 Model No: DTA-0R5G4G-60-CD-1
 Serial No: PL32466/2121

Tested By: K. Mansfield
 Date: Monday, May 24, 2021
 Temperature: +25° C
 Drawing No: 27613131 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	RESULTS	QA QC	
1	Frequency Range:	0.5 GHz – 4 GHz	0.5 GHz – 4 GHz	PMI QA 2	
2	Insertion Loss:	2.7 dB Max.	1.8 dB See Plot		
3	VSWR:	1.8:1 Max.	1.5:1 See Plot		
4	Flatness to 20 dB:	± 0.5 dB Typ.	±0.34 dB See Plot		
6	Flatness to 40 dB:	± 0.75 dB Typ.	±0.71 dB See Plot		
7	Flatness to 60 dB:	± 1.0 dB Typ.	±1.89 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	±0.22 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	±0.32 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	±0.75 dB See Plot		
11	Switching Speed:	1.0 µs Max. On 0.5 µs Max. Off	0.75 usec On 0.25 usec Off See Typical Characteristics		
12	DC Supply:	+15VDC @ 100 mA Max. -15VDC @ 80 mA Max.	+15 VDC @ 91 ma -15 VDC @ 0 mA		PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness
dB	dB	dB	±dB
0.0625	0.06	0.00	0.00
0.125	0.12	0.00	0.01
0.25	0.26	-0.01	0.02
0.50	0.49	0.01	0.03
1.00	1.00	0.00	0.04
2.00	1.96	0.04	0.04
4.00	3.98	0.02	0.12
8.00	8.03	-0.03	0.33
16.00	16.07	-0.20	0.32
32.00	32.20	-0.20	0.43
62.00	62.56	-0.56	1.99
63.94	64.71	-0.77	2.15

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness
dB	dB	dB	±dB
5.00	4.78	0.22	0.16
10.00	10.01	-0.01	0.34
15.00	15.02	-0.02	0.32
20.00	20.08	-0.08	0.25
25.00	25.06	-0.06	0.25
30.00	30.21	-0.21	0.37
35.00	35.19	-0.19	0.53
40.00	40.32	-0.32	0.71
45.00	45.29	-0.29	0.90
50.00	50.41	-0.41	1.13
55.00	55.28	-0.28	1.46
60.00	60.75	-0.75	1.89

QA/QC Approval: _____

PMI
QA 2

Date: _____

5/25/21



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