



## SUMMARY TEST DATA ON DTA-0R5G18G-60-CD-1

Customer: \_\_\_\_\_  
 Job No: 12-237  
 Model No: DTA-0R5G18G-60-CD-1  
 Serial No: PL12127/1248

Tested By: K. Mansfield  
 Date: Tuesday, July 02, 2013  
 Time: 12:45 PM

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC
1	Frequency Range:	0.5 GHz – 18 GHz	0.5 GHz – 18 GHz	
2	Insertion Loss:	4.5 dB Max.	4.38 dB	
3	Return Loss:	9.54 dB Max.	9.98 dB	
4	VSWR	2.0:1 MAX.	1.93:1	
5	Flatness @ 10dB:	± 1.0 dB	0.28 dB	
6	Flatness @ 20dB:	± 1.0 dB	0.46 dB	
7	Flatness @ 40dB:	± 1.25 dB	0.84 dB	
8	Flatness @ 60dB:	± 3.0 dB	1.86 dB	
9	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB	0.21 dB	
10	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB	0.08 dB	
11	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB	0.41 dB	
12	Switching Speed:	1.0 us MAX	Pass	
13	DC Supply:	+15VDC @ 150mA	+15VDC @ 107mA	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	0.25	0.00	0.10
0.50	0.48	0.02	0.14
1.00	0.92	0.08	0.17
2.00	1.84	0.16	0.18
4.00	3.87	0.13	0.18
8.00	7.88	0.12	0.26
16.00	15.81	0.19	0.36
32.00	31.94	0.06	0.73
63.75	63.39		

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.83	0.17	0.21
10.00	9.92	0.08	0.28
15.00	14.84	0.16	0.33
20.00	19.92	0.08	0.47
25.00	24.96	0.04	0.60
30.00	30.00	0.00	0.69
35.00	34.97	0.03	0.77
40.00	39.98	0.02	0.84
45.00	44.92	0.08	0.99
50.00	50.24	-0.24	1.15
55.00	55.08	-0.08	1.48
60.00	60.27	-0.27	2.13

Production Manager Approval: \_\_\_\_\_

Date: \_\_\_\_\_

QA/QC Approval: \_\_\_\_\_

Date: \_\_\_\_\_