



## SUMMARY TEST DATA ON DTA-218-60-CD-1

Customer: \_\_\_\_\_  
 Job No: \_\_\_\_\_  
 Model No: DTA-218-60-CD-1  
 Serial No: PL9995/1201

Tested By: K. Mansfield  
 Date: Wednesday, May 13, 2020  
 Time: 8:41 PM

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC
1	Frequency Range:	2 GHz – 18 GHz	2 GHz – 18 GHz	
2	Insertion Loss:	4.5 dB Max.	4.39 dB	
3	VSWR:	2.0:1 Max.	1.74 :1	
4	Flatness up to 20dB:	± 1.0 dB Typ.	0.92 dB	
5	Flatness up to 40dB:	± 1.25 dB Typ.	1.24 dB	
6	Flatness up to 60dB:	± 3.0 dB Typ.	1.54 dB	
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.27 dB	
8	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.72 dB	
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	1.50 dB	
10	Switching Speed:	ON: 1.0 uSEC MAX	0.75 uSEC	
		OFF: 0.5 uSEC MAX	0.25 uSEC	
11	DC Supply:	+15VDC @ 100 mA	+15 VDC @ 100 mA	
		-15VDC @ 100 mA	-15 VDC @ 49 mA	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.06	0.25	-0.19	0.02
0.13	0.05	0.07	0.01
0.25	0.11	0.14	0.01
0.50	-0.01	0.51	0.01
1.00	0.64	0.36	0.07
2.00	1.67	0.33	0.15
4.00	3.93	0.07	0.27
8.00	8.11	-0.11	0.51
16.00	15.74	0.26	0.80
32.00	32.62	-0.62	1.26
62.00	60.37	1.63	1.62
63.94	61.80	2.13	2.01

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.00	0.00	0.33
10.00	10.05	-0.05	0.60
15.00	14.76	0.24	0.77
20.00	19.73	0.27	0.92
25.00	25.04	-0.04	1.09
30.00	30.47	-0.47	1.23
35.00	35.72	-0.72	1.24
40.00	40.61	-0.61	1.22
45.00	45.23	-0.23	1.06
50.00	49.58	0.42	0.71
55.00	54.39	0.61	0.43
60.00	58.50	1.50	1.54

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

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

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

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