



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

Customer: _____
 Job No: _____
 Model No: DTA-218-60-CD-1
 Serial No: PL9996/1201

Tested By: K. Mansfield
 Date: Wednesday, May 13, 2020
 Time: 8:42 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.	4.35 dB	
3	VSWR:	2.0:1 Max.	1.63 :1	
4	Flatness up to 20dB:	± 1.0 dB Typ.	0.70 dB	
5	Flatness up to 40dB:	± 1.25 dB Typ.	0.77 dB	
6	Flatness up to 60dB:	± 3.0 dB Typ.	2.97 dB	
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.44 dB	
8	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.44 dB	
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	1.77 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 @ 96 mA	
		-15VDC @ 100 mA	-15 VDC @ 49 mA	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.06	0.26	-0.20	0.03
0.13	0.05	0.07	0.01
0.25	0.12	0.13	0.01
0.50	-0.01	0.51	0.01
1.00	0.68	0.32	0.08
2.00	1.75	0.25	0.15
4.00	3.95	0.05	0.23
8.00	7.95	0.05	0.40
16.00	15.67	0.33	0.63
32.00	32.13	-0.13	0.74
62.00	59.88	2.12	3.24
63.94	61.27	2.67	3.70

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.96	0.04	0.28
10.00	9.93	0.07	0.47
15.00	14.71	0.29	0.61
20.00	19.56	0.44	0.70
25.00	24.68	0.32	0.76
30.00	30.00	0.00	0.77
35.00	35.26	-0.26	0.72
40.00	40.23	-0.23	0.63
45.00	45.10	-0.10	0.62
50.00	49.78	0.22	0.88
55.00	54.10	0.90	1.88
60.00	58.23	1.77	2.97

Production Manager Approval: _____

Date: _____

QA/QC Approval: _____

Date: _____