



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

Customer: _____
 Job No: _____
 Model No: DTA-218-60-CD-1
 Serial No: PL9999/1201

Tested By: K. Mansfield
 Date: Wednesday, May 13, 2020
 Time: 8:43 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.	4.4 dB	
3	VSWR:	2.0:1 Max.	1.64 :1	
4	Flatness up to 20dB:	± 1.0 dB Typ.	0.65 dB	
5	Flatness up to 40dB:	± 1.25 dB Typ.	0.75 dB	
6	Flatness up to 60dB:	± 3.0 dB Typ.	1.75 dB	
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.32 dB	
8	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.73 dB	
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	1.71 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 @ 97 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	0.04
0.13	0.04	0.08	0.03
0.25	0.11	0.14	0.03
0.50	0.00	0.50	0.02
1.00	0.64	0.36	0.07
2.00	1.71	0.29	0.14
4.00	3.98	0.02	0.27
8.00	7.93	0.07	0.40
16.00	15.71	0.29	0.58
32.00	32.48	-0.48	0.76
62.00	59.65	2.35	2.08
63.94	60.91	3.03	2.42

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.99	0.01	0.31
10.00	9.89	0.11	0.46
15.00	14.74	0.26	0.57
20.00	19.68	0.32	0.65
25.00	24.91	0.09	0.73
30.00	30.31	-0.31	0.75
35.00	35.66	-0.66	0.74
40.00	40.73	-0.73	0.70
45.00	45.46	-0.46	0.60
50.00	49.98	0.02	0.67
55.00	54.33	0.67	1.12
60.00	58.29	1.71	1.75

Production Manager Approval: _____

Date: _____

QA/QC Approval: _____

Date: _____