



SUMMARY TEST DATA ON DTA-30M2D5G-CD-SFF

Customer: _____
 Job No: _____
 Model No: DTA-30M2D5G-CD-SFF
 Serial No: PL20706/1712

Tested By: K. Mansfield
 Temperature: +25°C
 Date: Tuesday, January 22, 2019
 Drawing No: 27613966 Rev: A1

*** TAKE DATA FROM 30 MHz - 2.5 GHz***

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC
1	Frequency Range:	30 MHz – 2.5 GHz	30 MHz – 2.5 GHz	
2	Insertion Loss:	4.5 dB Max.	2.9 dB	
3	VSWR:	2.0:1 Max.	1.8:1	
4	Flatness up to 20dB:	± 1.0 dB Typ.	± 0.54 dB	
5	Flatness up to 40dB:	± 1.25 dB Typ.	± 1.19 dB	
6	Flatness up to 60dB:	± 3.0 dB Typ.	± 3.12 dB	
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	± 0.12 dB	
8	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	± 0.34 dB	
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	± 0.43 dB	
10	Switching Speed:	ON: 1.0 usec Max. OFF: 0.5 usec Max.	< 0.60 usec <0.30 usec	
11	DC Supply:	+15VDC @ 100 mA -15VDC @ 100 mA	+15 VDC @ 40 mA -15 VDC @ 53 mA	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.06	0.03	0.03	0.00
0.13	0.07	0.06	0.00
0.25	0.18	0.07	0.01
0.50	0.41	0.09	0.02
1.00	0.92	0.08	0.04
2.00	1.97	0.03	0.08
4.00	4.10	-0.10	0.15
8.00	7.97	0.03	0.27
16.00	16.07	-0.07	0.46
32.00	31.90	0.10	0.88
62.00	61.98	0.02	3.15
63.94	63.53	0.41	3.64

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.10	-0.10	0.18
10.00	9.92	0.08	0.32
15.00	15.02	-0.02	0.43
20.00	20.12	-0.12	0.54
25.00	25.07	-0.07	0.67
30.00	29.92	0.08	0.80
35.00	34.79	0.21	0.98
40.00	39.66	0.34	1.19
45.00	44.60	0.40	1.43
50.00	49.57	0.43	1.87
55.00	54.67	0.33	2.37
60.00	59.59	0.41	3.12

QA/QC Approval: _____

Date: _____



**SUMMARY TEST DATA
ON
DTA-50M2D5G-CD-SFF**

PL20706/1712

