



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

Customer: _____
 Job No: _____
 Model No: DTA-30M2D5G-60DB-10B
 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.	± 0.48 dB	
5	Flatness up to 40dB:	± 1.25 dB Typ.	± 1.1 dB	
6	Flatness up to 60dB:	± 3.0 dB Typ.	± 2.8 dB	
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	± 0.43 dB	
8	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	± 0.58 dB	
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	± 0.51 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	0.56	-0.43	0.48
0.25	0.20	0.05	0.01
0.50	0.41	0.09	0.02
1.00	0.89	0.11	0.04
2.00	1.90	0.10	0.08
4.00	4.02	-0.02	0.14
8.00	8.02	-0.02	0.23
16.00	16.15	-0.15	0.37
32.00	32.58	-0.58	0.75
62.00	61.52	0.48	3.19
63.94	63.62	0.31	3.12

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.07	-0.07	0.16
10.00	10.01	-0.01	0.27
15.00	15.11	-0.11	0.36
20.00	20.25	-0.25	0.45
25.00	25.38	-0.38	0.55
30.00	30.48	-0.48	0.69
35.00	35.55	-0.55	0.86
40.00	40.51	-0.51	1.10
45.00	45.50	-0.50	1.32
50.00	50.29	-0.29	1.72
55.00	55.01	-0.01	2.16
60.00	59.66	0.34	2.80

QA/QC Approval: _____

Date: _____



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

PL20706/1712

