



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.	± 0.52 dB	
5	Flatness up to 40dB:	± 1.25 dB Typ.	± 1.14 dB	
6	Flatness up to 60dB:	± 3.0 dB Typ.	± 2.79 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.	± 0.43 dB	
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	± 0.44 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	0.05	0.00
0.25	0.22	0.03	0.01
0.50	0.46	0.04	0.02
1.00	1.02	-0.02	0.04
2.00	2.14	-0.14	0.08
4.00	4.32	-0.32	0.15
8.00	8.16	-0.16	0.26
16.00	16.09	-0.09	0.44
32.00	31.78	0.22	0.83
62.00	61.80	0.20	3.15
63.94	63.12	0.82	3.35

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.32	-0.32	0.18
10.00	10.08	-0.08	0.31
15.00	15.06	-0.06	0.42
20.00	20.06	-0.06	0.52
25.00	24.95	0.05	0.64
30.00	29.78	0.22	0.76
35.00	34.66	0.34	0.93
40.00	39.57	0.43	1.14
45.00	44.56	0.44	1.39
50.00	49.56	0.44	1.75
55.00	54.65	0.35	2.10
60.00	59.58	0.42	2.79

QA/QC Approval: _____

Date: _____



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

PL20706/1712

