



SUMMARY TEST DATA
ON
DTA-2G18G-60-12-CD-1-20DBM-TS

Customer: _____
 Job No: _____
 Model No: DTA-2G18G-60-12-CD-1-20DBM-TS-NSI
 Serial No: PL31990/2114

Tested By: G.RADTKE
 Date: Wednesday, March 31, 2021
 Temperature: +25° C
 Drawing No: 27617795 Rev: A2

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC	
1	Frequency Range:	2 GHz – 18 GHz	2 GHz – 18 GHz	PMI QA 2	
2	Insertion Loss:	4.8 dB Max.	4.4 dB See Plot		
3	VSWR:	2.0:1 Max.	1.81:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.6 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	1 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.86 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.16 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.1 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.48 dB See Plot		
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	3.03 V		
12	Switching Speed:	On Time: 1.0 µs Max. Off Time: 0.5 µs Max.	<1.0 µs On Time <0.5 µs Off Time See Typical Characteristics		
13	DC Supply:	+15VDC @ 150 mA Max.	118 mA		PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0156	0.0209	-0.01	0.02
0.0313	0.0494	-0.02	0.02
0.0625	0.0858	-0.02	0.02
0.125	0.150	-0.03	0.02
0.25	0.29	-0.04	0.03
0.50	0.55	-0.05	0.05
1.00	1.08	-0.08	0.09
2.00	2.09	-0.09	0.17
4.00	4.12	-0.12	0.36
8.00	8.16	-0.16	0.51
16.00	16.14	0.00	0.55
32.00	32.00	0.00	0.94

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.02	-0.02	0.42
10.00	10.16	-0.16	0.60
15.00	15.11	-0.11	0.55
20.00	20.10	-0.10	0.59
25.00	25.04	-0.04	0.77
30.00	30.02	-0.02	0.91
35.00	34.92	0.08	0.99
40.00	39.90	0.10	1.00
45.00	44.79	0.21	0.93
50.00	49.69	0.31	0.88
55.00	54.61	0.39	1.37
60.00	59.52	0.48	1.86

QA/QC Approval: *[Signature]* 77 PMI QA 2 Date: 3/31/21



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