



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: PL31992/2114

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.	4.6 dB See Plot		
3	VSWR:	2.0:1 Max.	1.81:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.84 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.9 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	0.98 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.77 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	1.39 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	1.9 dB See Plot		
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	3.01 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	0.0149	0.00	0.01
0.0313	0.0353	0.00	0.01
0.0625	0.0612	0.00	0.01
0.125	0.121	0.00	0.01
0.25	0.25	0.00	0.02
0.50	0.51	-0.01	0.03
1.00	1.02	-0.02	0.06
2.00	2.06	-0.06	0.14
4.00	4.15	-0.15	0.30
8.00	8.34	-0.34	0.70
16.00	16.62	-1.19	0.84
32.00	33.19	-1.19	0.82

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.01	-0.01	0.37
10.00	10.41	-0.41	0.73
15.00	15.57	-0.57	0.81
20.00	20.77	-0.77	0.83
25.00	25.90	-0.90	0.90
30.00	31.14	-1.14	0.83
35.00	36.28	-1.28	0.80
40.00	41.39	-1.39	0.73
45.00	46.33	-1.33	0.68
50.00	51.90	-1.90	0.53
55.00	56.46	-1.46	0.64
60.00	61.74	-1.74	0.98

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



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