



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: PL31989/2114

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.	4.3 dB See Plot	
3	VSWR:	2.0:1 Max.	1.89:1 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.	1.05 dB See Plot	
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.19 dB See Plot	
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.23 dB See Plot	
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.3 dB See Plot	
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.25 dB See Plot	
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	2.98 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 dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
0.0156	0.0080	0.01	0.02
0.0313	0.0197	0.01	0.02
0.0625	0.0457	0.02	0.03
0.125	0.101	0.02	0.03
0.25	0.21	0.04	0.03
0.50	0.49	0.01	0.04
1.00	0.77	0.23	0.06
2.00	1.97	0.03	0.13
4.00	3.99	0.01	0.29
8.00	7.98	0.02	0.67
16.00	16.14	-0.30	0.84
32.00	32.30	-0.30	0.98

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
5.00	4.77	0.23	0.36
10.00	9.91	0.09	0.72
15.00	15.04	-0.04	0.80
20.00	20.10	-0.10	0.84
25.00	25.16	-0.16	0.91
30.00	30.23	-0.23	0.96
35.00	35.22	-0.22	0.95
40.00	40.25	-0.25	1.05
45.00	45.16	-0.16	1.19
50.00	50.24	-0.24	0.97
55.00	55.18	-0.18	0.88
60.00	60.25	-0.25	0.82

QA/QC Approval: [Signature] PMI
QA 2

Date: 3/31/21



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