



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

Customer: _____
 Job No: _____
 Model No: DTA-2G18G-60-12-CD-1-20DBM-TS-NSI
 Serial No: PL32230/2117

Tested By: K. Wagaman
 Date: Friday, April 30, 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.	1.65:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.97 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	1.3 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.88 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.48 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.87 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.96 dB See Plot		
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	3.13 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	0.0004	0.02	0.00
0.0313	0.0013	0.03	0.00
0.0625	0.0494	0.01	0.00
0.125	0.115	0.01	0.01
0.25	0.24	0.01	0.02
0.50	0.51	-0.01	0.03
1.00	1.02	-0.02	0.05
2.00	2.06	-0.06	0.11
4.00	4.08	-0.08	0.22
8.00	8.17	-0.17	0.43
16.00	16.41	-0.79	0.90
32.00	32.79	-0.79	1.30

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.96	0.04	0.27
10.00	10.20	-0.20	0.47
15.00	15.29	-0.29	0.78
20.00	20.48	-0.48	0.97
25.00	25.56	-0.56	1.12
30.00	30.72	-0.72	1.29
35.00	35.76	-0.76	1.20
40.00	40.87	-0.87	1.25
45.00	45.91	-0.91	1.39
50.00	50.96	-0.96	1.53
55.00	55.84	-0.84	1.59
60.00	60.96	-0.96	1.88

QA/QC Approval: _____

PMI
QA 2

Date: 4/30/21



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