



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: PL32231/2117

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.	4.3 dB See Plot		
3	VSWR:	2.0:1 Max.	1.67:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.88 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	1.25 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.8 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.42 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.62 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.64 dB See Plot		
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	3.09 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	0.0198	0.00	0.00
0.0313	0.0338	0.00	0.00
0.0625	0.0627	0.00	0.01
0.125	0.131	-0.01	0.01
0.25	0.26	-0.01	0.02
0.50	0.52	-0.02	0.03
1.00	1.03	-0.03	0.06
2.00	2.04	-0.04	0.11
4.00	4.06	-0.06	0.23
8.00	8.18	-0.18	0.43
16.00	16.33	-0.62	0.81
32.00	32.62	-0.62	1.20

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.94	0.06	0.27
10.00	10.16	-0.16	0.49
15.00	15.21	-0.21	0.73
20.00	20.42	-0.42	0.88
25.00	25.39	-0.39	1.04
30.00	30.56	-0.56	1.17
35.00	35.52	-0.52	1.20
40.00	40.61	-0.61	1.25
45.00	45.55	-0.55	1.44
50.00	50.64	-0.64	1.69
55.00	55.42	-0.42	1.76
60.00	60.45	-0.45	1.80

QA/QC Approval: *[Signature]* PMI QA 2

Date: 4/30/21



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