



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
 Serial No: PL24486/1901

Tested By: K. Mansfield
 Date: Monday, January 07, 2019
 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 1	
2	Insertion Loss:	4.8 dB Max.	4.3 dB See Plot		
3	VSWR:	2.0:1 Max.	1.62:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.49 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.64 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.18 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.07 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.	0.16 dB See Plot		
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	2.99V		
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 1

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0156	0.0328	-0.02	0.01
0.0313	0.0553	-0.02	0.01
0.0625	0.09	-0.03	0.03
0.125	0.14	-0.02	0.04
0.25	0.25	0.00	0.05
0.50	0.50	0.00	0.06
1.00	1.00	0.00	0.08
2.00	2.01	-0.01	0.09
4.00	4.01	-0.01	0.13
8.00	8.02	-0.02	0.24
16.00	16.02	-0.10	0.43
32.00	32.10	-0.10	0.58

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.93	0.07	0.15
10.00	10.00	0.00	0.29
15.00	14.96	0.04	0.40
20.00	19.99	0.01	0.49
25.00	24.97	0.03	0.55
30.00	30.02	-0.02	0.58
35.00	35.05	-0.05	0.59
40.00	39.95	0.05	0.64
45.00	44.91	0.09	0.60
50.00	50.16	-0.16	0.72
55.00	54.97	0.03	0.74
60.00	60.05	-0.05	1.18

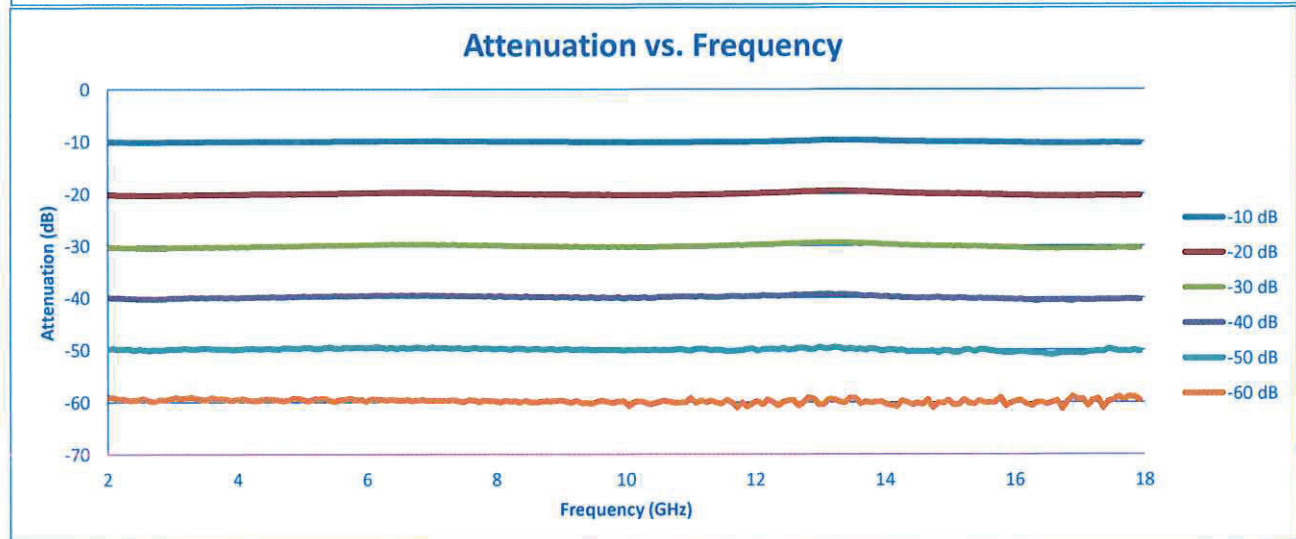
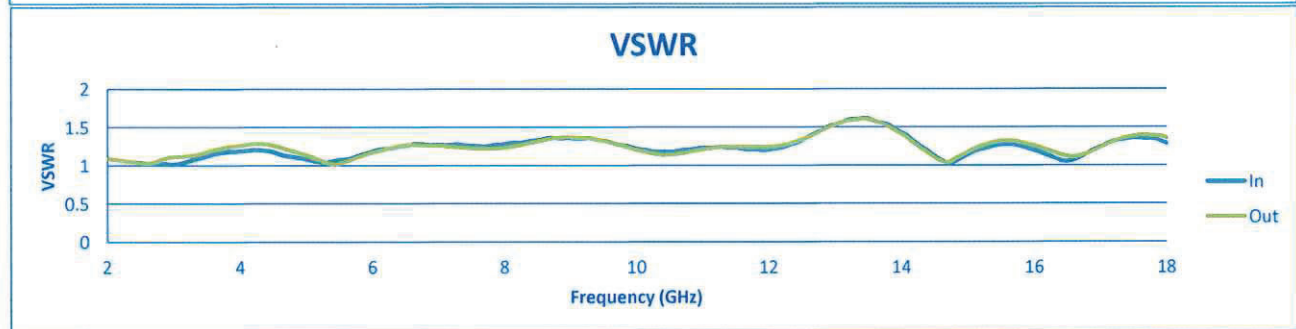
QA/QC Approval:  PMI QA 1

Date: 1/8/19



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