



## 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: PL24484/1901

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.	0.47 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.72 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.33 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.06 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.11 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.33 dB See Plot		
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	3V		
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	0.0461	-0.03	0.02
0.0313	0.0675	-0.04	0.02
0.0625	0.10	-0.04	0.03
0.125	0.15	-0.03	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	4.02	-0.02	0.13
8.00	8.02	-0.02	0.23
16.00	16.03	-0.11	0.37
32.00	32.11	-0.11	0.70

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.94	0.06	0.16
10.00	10.02	-0.02	0.27
15.00	14.97	0.03	0.36
20.00	20.04	-0.04	0.47
25.00	25.01	-0.01	0.59
30.00	30.06	-0.06	0.67
35.00	35.05	-0.05	0.70
40.00	40.07	-0.07	0.72
45.00	45.02	-0.02	0.59
50.00	50.07	-0.07	0.58
55.00	55.09	-0.09	0.80
60.00	60.33	-0.33	1.33

QA/QC Approval:

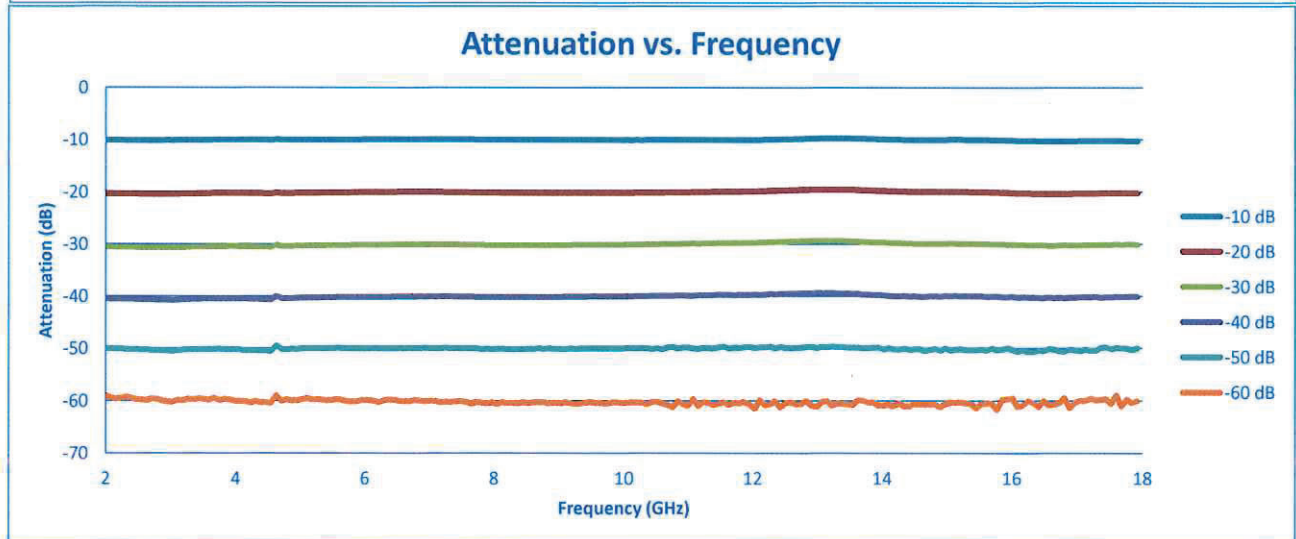
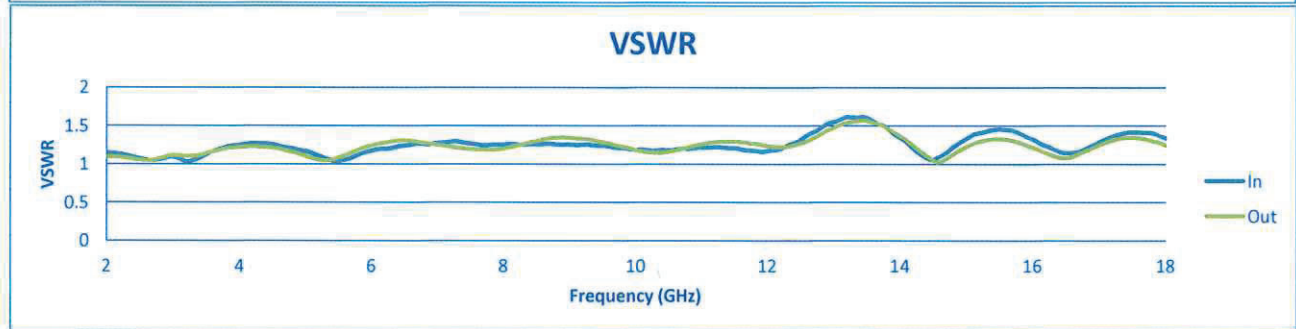
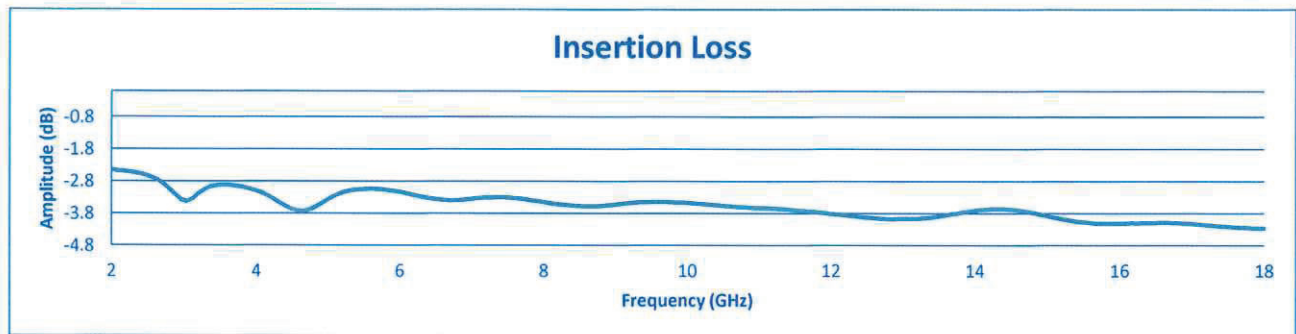
PMI  
QA 1

Date: 1/8/19



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

PL24484/1901





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

PL24484/1901

