



## SUMMARY TEST DATA ON DTA-2G18G-60-CD-2-OPT-1G18G

Customer: \_\_\_\_\_  
 Job No: \_\_\_\_\_  
 Model No: DTA-2G18G-60-CD-2-OPT-1G18G  
 Serial No: PL21521/1735

Tested By: E. Kretz  
 Date: Tuesday, August 29, 2017  
 Temperature: +25° C  
 Drawing No: 27620404 Rev: A2

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC
1	Frequency Range:	1 GHz – 18 GHz	1 GHz – 18 GHz	PMI QA 2
2	Insertion Loss:	4.5 dB Max.	4.2 dB See Plot	
3	VSWR:	2.0:1 Max.	1.6:1 See Plot	
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.5 dB See Plot	
6	Flatness to 40 dB:	± 1.25 dB Typ.	1.03 dB See Plot	
7	Flatness to 60 dB:	± 3.0 dB Typ.	2.6 dB See Plot	
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.18 dB See Plot	
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.09 dB See Plot	
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.55 dB See Plot	
11	Switching Speed:	1.0 us Max.	0.7 us See Typical Characteristics	
12	DC Supply:	+12VDC @ 155 mA	109 mA	PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	0.25	0.00	0.04
0.50	0.49	0.01	0.05
1.00	1.00	0.00	0.07
2.00	2.00	0.00	0.10
4.00	4.00	0.00	0.20
8.00	8.02	-0.02	0.27
16.00	16.02	-0.02	0.38
32.00	31.99	0.01	0.76
63.75	63.67	0.08	3.09

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.96	0.04	0.21
10.00	10.02	-0.02	0.29
15.00	14.96	0.04	0.35
20.00	20.00	0.00	0.50
25.00	24.98	0.02	0.64
30.00	29.98	0.02	0.80
35.00	34.94	0.06	0.82
40.00	40.07	-0.07	1.03
45.00	44.95	0.05	0.79
50.00	49.99	0.01	1.06
55.00	55.17	-0.17	1.65
60.00	59.55	0.45	2.13

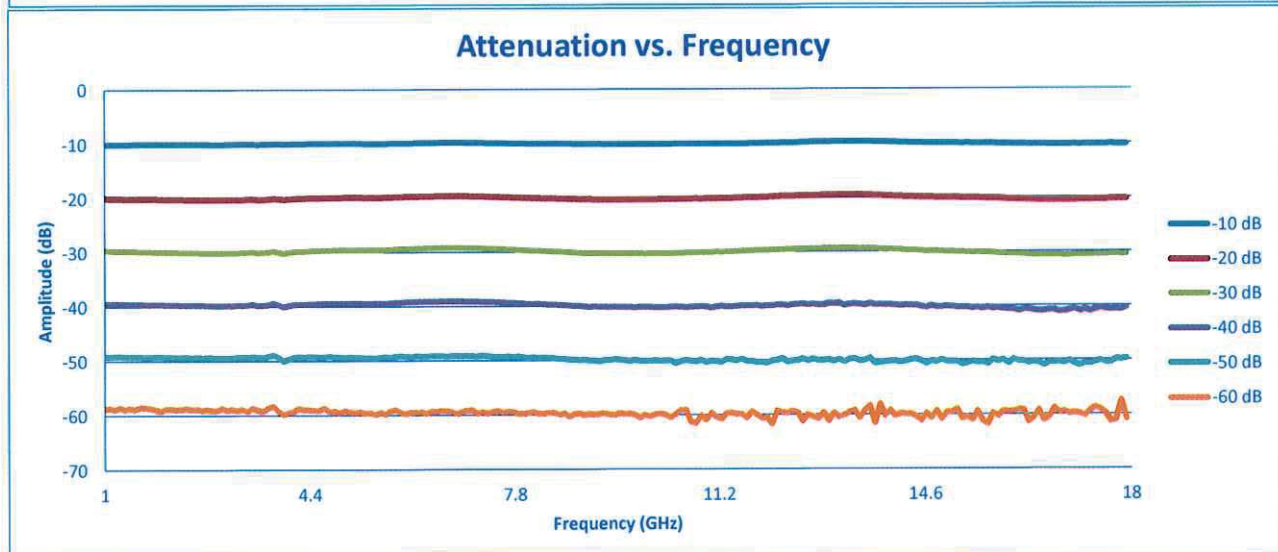
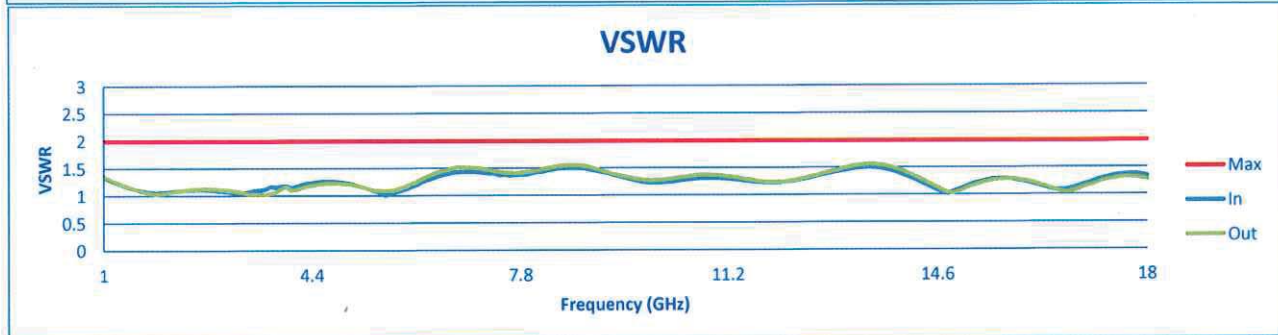
QA/QC Approval:  PMI QA 2

Date: 8/30/17



# SUMMARY TEST DATA ON DTA-2G18G-60-CD-2-OPT-1G18G

PL21521/1735





**SUMMARY TEST DATA  
ON  
DTA-2G18G-60-CD-2-OPT-1G18G**

PL21521/1735

