



## 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: PL26062/1931

Tested By: E. KRETZ  
 Date: Wednesday, July 31, 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 QA1	
2	Insertion Loss:	4.8 dB Max.	3.5 dB See Plot		
3	VSWR:	2.0:1 Max.	1.68:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.54 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.81 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.82 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.16 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.3 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.27 dB See Plot		
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	3.08V		
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.	119 mA		PMI QA1

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
0.0156	0.0178	0.00	0.01
0.0313	0.0360	0.00	0.01
0.0625	0.07	-0.01	0.01
0.125	0.13	0.00	0.01
0.25	0.26	-0.01	0.02
0.50	0.51	-0.01	0.03
1.00	1.01	-0.01	0.05
2.00	2.01	-0.01	0.10
4.00	4.02	-0.02	0.18
8.00	8.01	-0.01	0.28
16.00	15.89	0.18	0.48
32.00	31.82	0.18	0.81

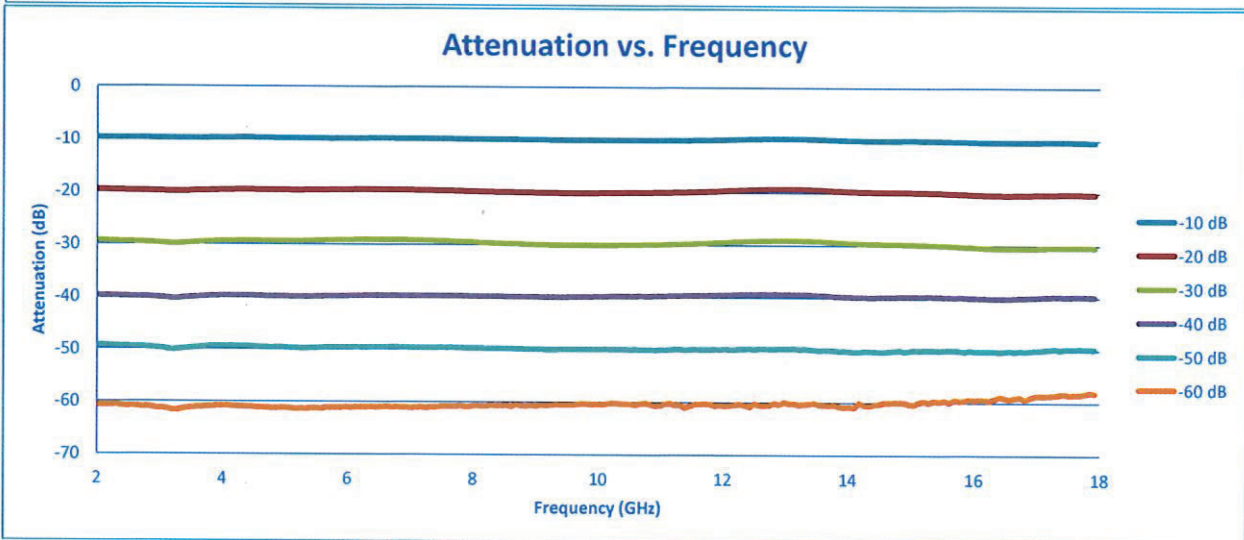
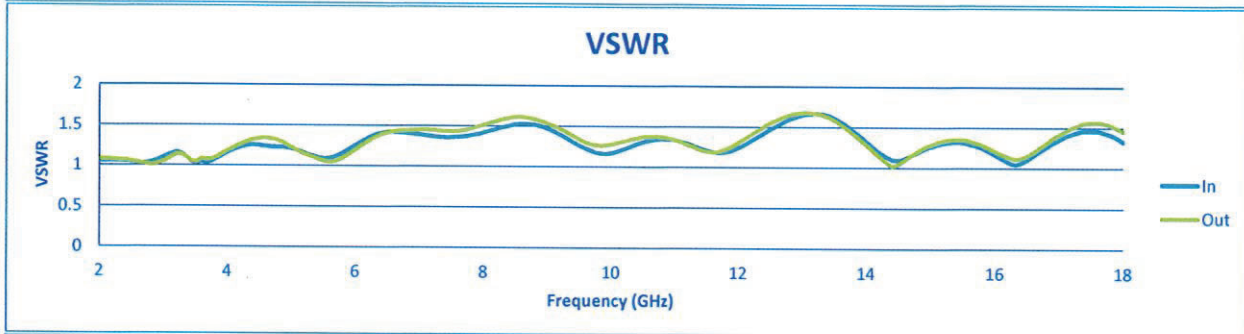
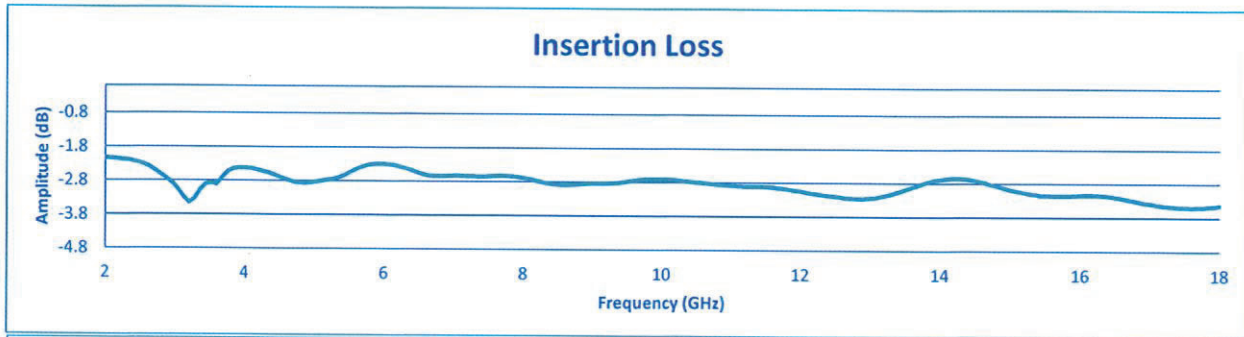
Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
5.00	4.95	0.05	0.21
10.00	9.98	0.02	0.33
15.00	14.84	0.16	0.44
20.00	19.84	0.16	0.54
25.00	24.73	0.27	0.62
30.00	29.78	0.22	0.72
35.00	34.70	0.30	0.61
40.00	39.82	0.18	0.53
45.00	44.73	0.27	0.45
50.00	49.80	0.20	0.48
55.00	54.75	0.25	0.63
60.00	59.88	0.12	1.82

QA/QC Approval:  PMI QA1 Date: 8/1/19



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