



**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: PL26060/1931

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.	1.82:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.51 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.94 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	2.8 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.05 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.18 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.44 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	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0156	0.0144	0.00	0.01
0.0313	0.0311	0.00	0.01
0.0625	0.07	-0.01	0.01
0.125	0.13	0.00	0.01
0.25	0.27	-0.02	0.02
0.50	0.51	-0.01	0.03
1.00	1.02	-0.02	0.05
2.00	2.03	-0.03	0.11
4.00	4.04	-0.04	0.20
8.00	8.04	-0.04	0.31
16.00	16.01	0.13	0.48
32.00	31.87	0.13	0.62

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.98	0.02	0.23
10.00	10.03	-0.03	0.36
15.00	14.95	0.05	0.46
20.00	19.97	0.03	0.51
25.00	24.88	0.12	0.54
30.00	29.88	0.12	0.61
35.00	34.85	0.15	0.73
40.00	39.82	0.18	0.94
45.00	44.68	0.32	1.05
50.00	49.60	0.40	1.10
55.00	54.59	0.41	1.73
60.00	59.56	0.44	2.80

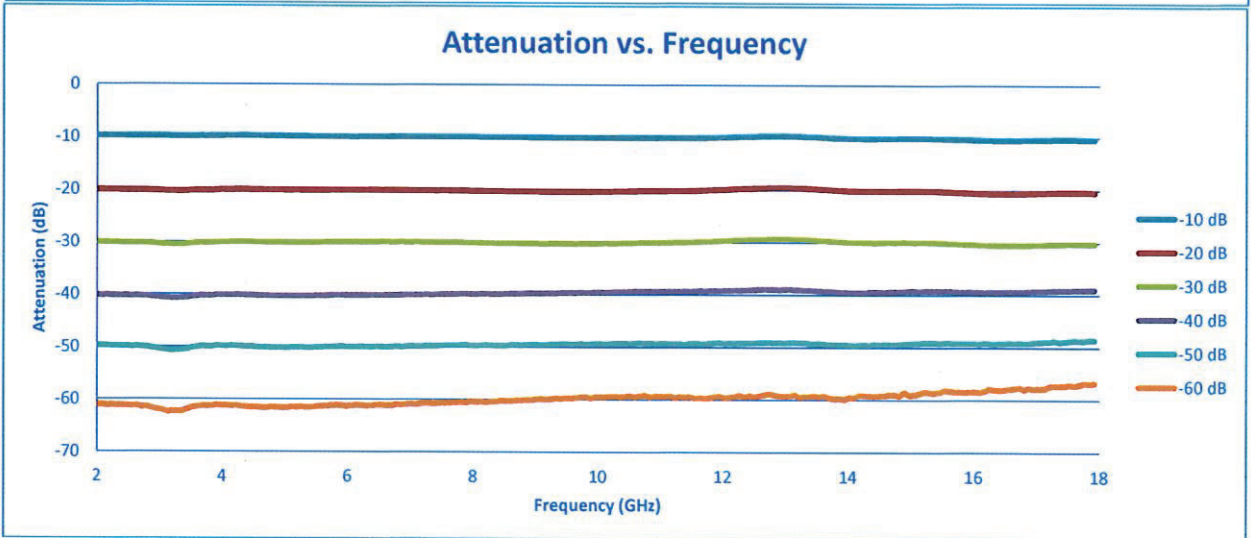
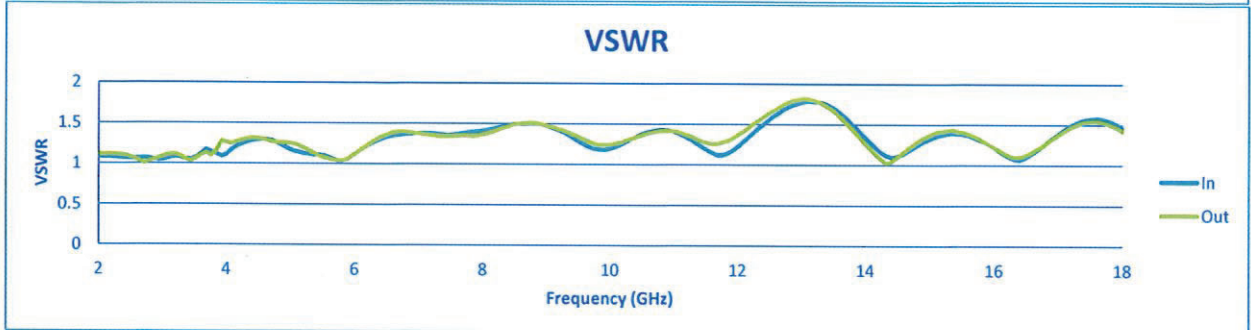
QA/QC Approval: [Signature] PMI QA1

Date: 8/1/19



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