



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: PL24487/1901

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.	4.5 dB See Plot	PMI QA 1	
3	VSWR:	2.0:1 Max.	1.57:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.45 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.58 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.48 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.	0.07 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.19 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.	119 mA		PMI QA 1

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0156	0.0356	-0.02	0.01
0.0313	0.0605	-0.03	0.01
0.0625	0.09	-0.03	0.03
0.125	0.15	-0.02	0.04
0.25	0.26	-0.01	0.05
0.50	0.51	-0.01	0.07
1.00	1.01	-0.01	0.09
2.00	2.01	-0.01	0.10
4.00	4.01	-0.01	0.13
8.00	8.01	-0.01	0.23
16.00	16.02	-0.07	0.40
32.00	32.07	-0.07	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	0.28
15.00	14.96	0.04	0.38
20.00	19.99	0.01	0.45
25.00	24.98	0.02	0.53
30.00	30.02	-0.02	0.58
35.00	35.01	-0.01	0.58
40.00	40.04	-0.04	0.57
45.00	44.99	0.01	0.56
50.00	50.01	-0.01	0.53
55.00	54.81	0.19	0.89
60.00	60.01	-0.01	1.48

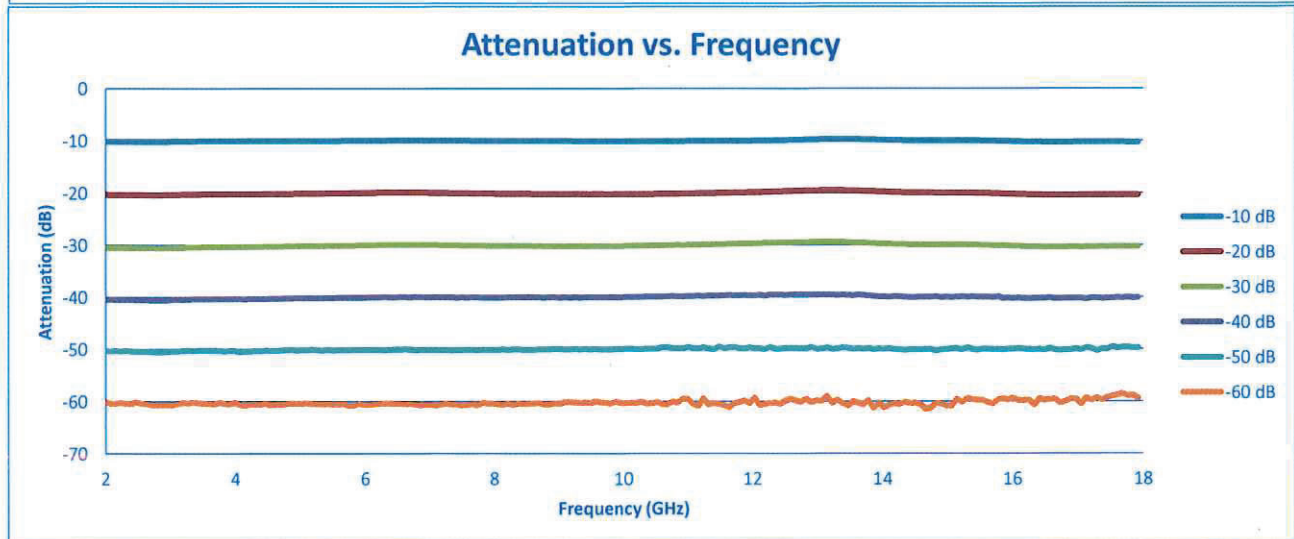
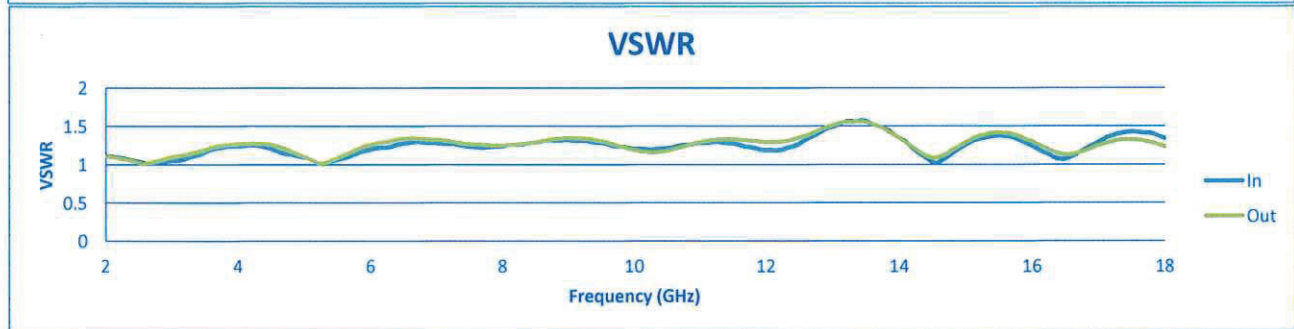
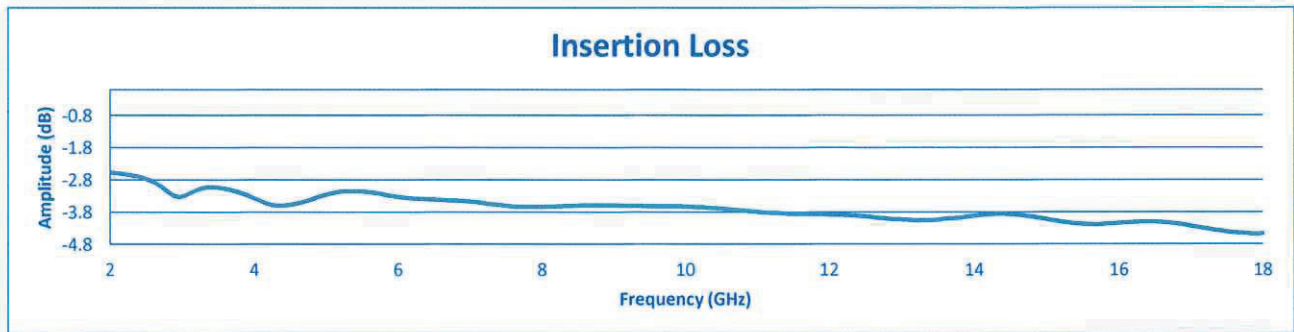
QA/QC Approval:  PMI QA 1

Date: 1/8/19



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