



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: PL24014/1850

Tested By: K. Mansfield
 Date: Thursday, December 13, 2018
 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.	4.6 dB See Plot		
3	VSWR:	2.0:1 Max.	1.64:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.68 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.83 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.7 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.11 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.	0.33 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.	119 mA		PMI QA 1

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0156	0.0006	0.02	0.01
0.0313	0.0392	-0.01	0.01
0.0625	0.08	-0.02	0.03
0.125	0.14	-0.02	0.03
0.25	0.25	0.00	0.05
0.50	0.50	0.00	0.07
1.00	1.00	0.00	0.10
2.00	2.00	0.00	0.13
4.00	3.99	0.01	0.22
8.00	7.98	0.02	0.40
16.00	15.97	-0.01	0.63
32.00	32.01	-0.01	0.82

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.89	0.11	0.26
10.00	9.97	0.03	0.48
15.00	14.92	0.08	0.61
20.00	19.95	0.05	0.68
25.00	24.94	0.06	0.75
30.00	29.96	0.04	0.81
35.00	34.93	0.07	0.83
40.00	39.94	0.06	0.82
45.00	44.99	0.01	0.80
50.00	49.98	0.02	0.85
55.00	55.00	0.00	1.32
60.00	60.33	-0.33	1.70

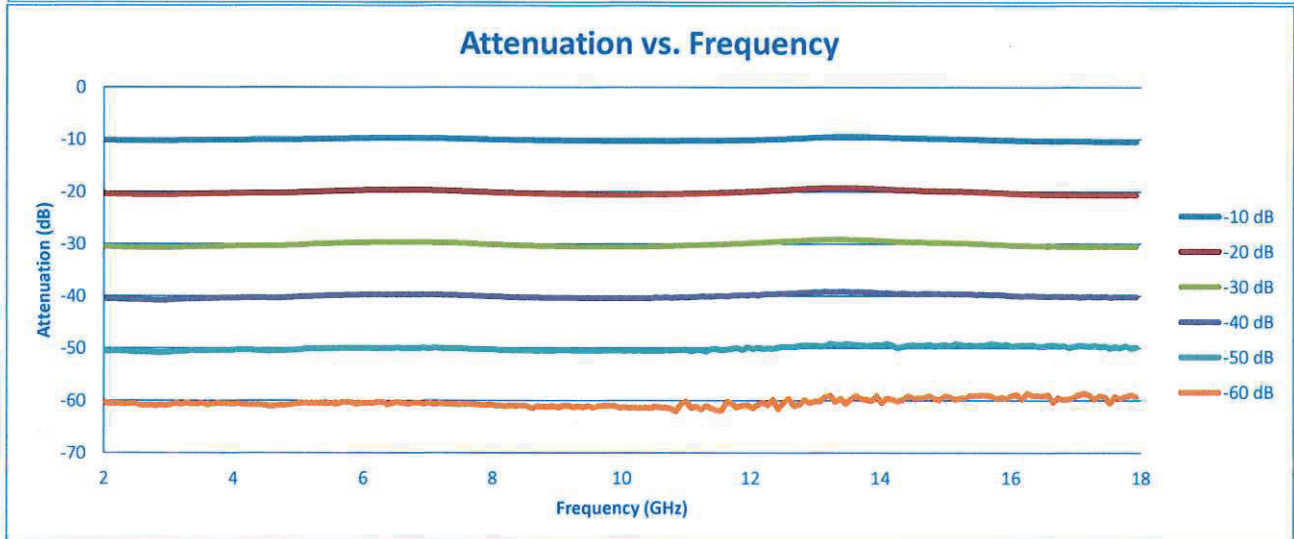
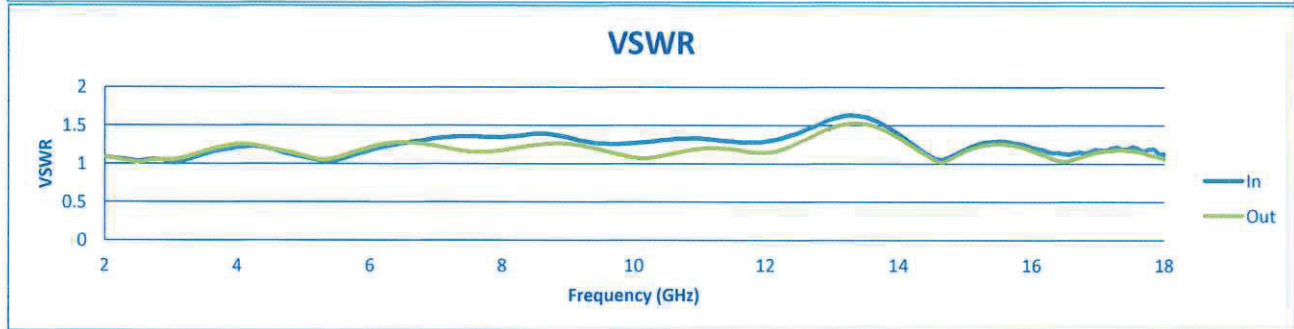
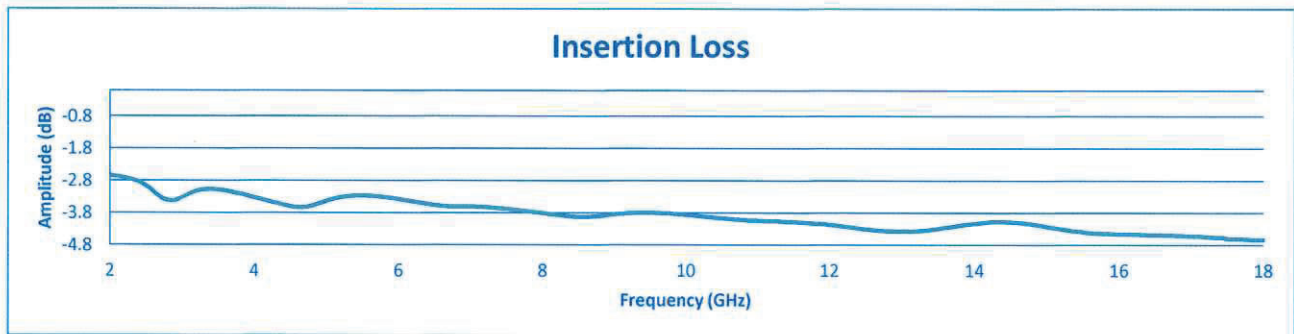
QA/QC Approval: [Signature] PMI QA 1

Date: 12/13/18



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