



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: PL24007/1850

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.	4.5 dB See Plot		
3	VSWR:	2.0:1 Max.	1.75:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.84 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.96 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.9 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.	0.11 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.09 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.	118 mA		PMI QA 1

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0156	0.0398	-0.02	0.01
0.0313	0.0599	-0.03	0.01
0.0625	0.09	-0.03	0.02
0.125	0.15	-0.02	0.03
0.25	0.26	-0.01	0.04
0.50	0.51	-0.01	0.06
1.00	1.01	-0.01	0.10
2.00	2.00	0.00	0.15
4.00	3.99	0.01	0.28
8.00	7.98	0.02	0.50
16.00	15.96	0.01	0.77
32.00	31.99	0.01	0.92

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.89	0.11	0.33
10.00	9.97	0.03	0.59
15.00	14.90	0.10	0.75
20.00	19.92	0.08	0.84
25.00	24.89	0.11	0.88
30.00	29.95	0.05	0.91
35.00	34.91	0.09	0.94
40.00	39.96	0.04	0.96
45.00	44.99	0.01	0.90
50.00	50.09	-0.09	0.89
55.00	54.97	0.03	1.18
60.00	59.95	0.05	1.90

QA/QC Approval: _____

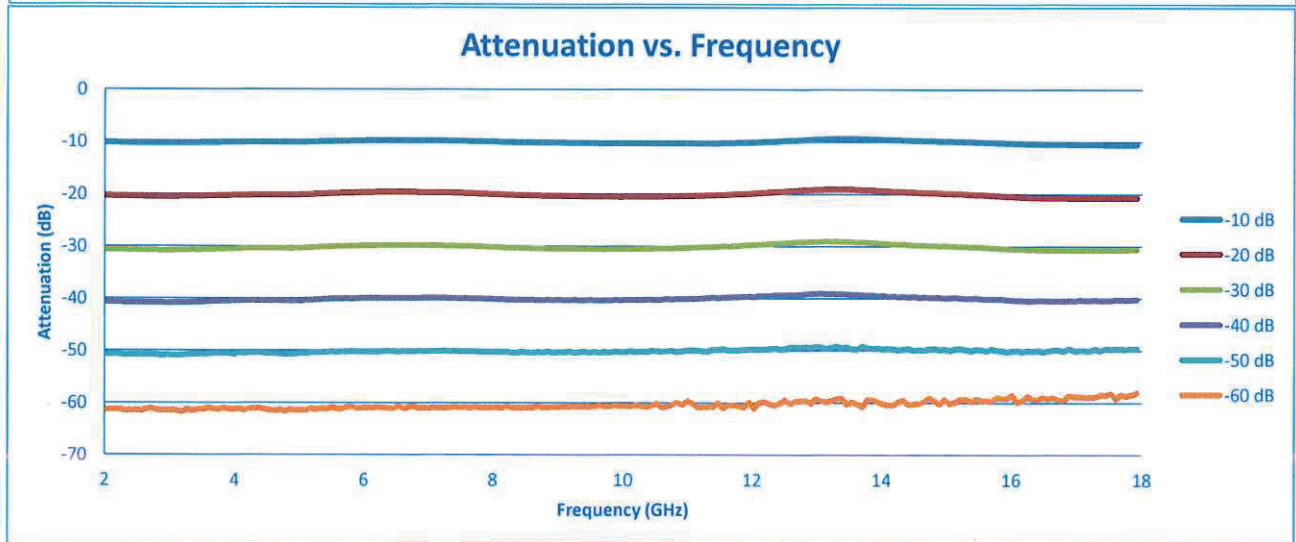
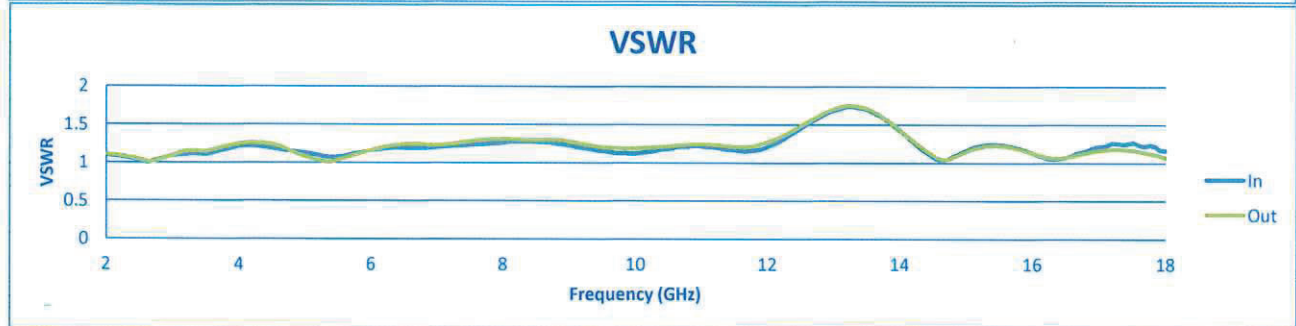
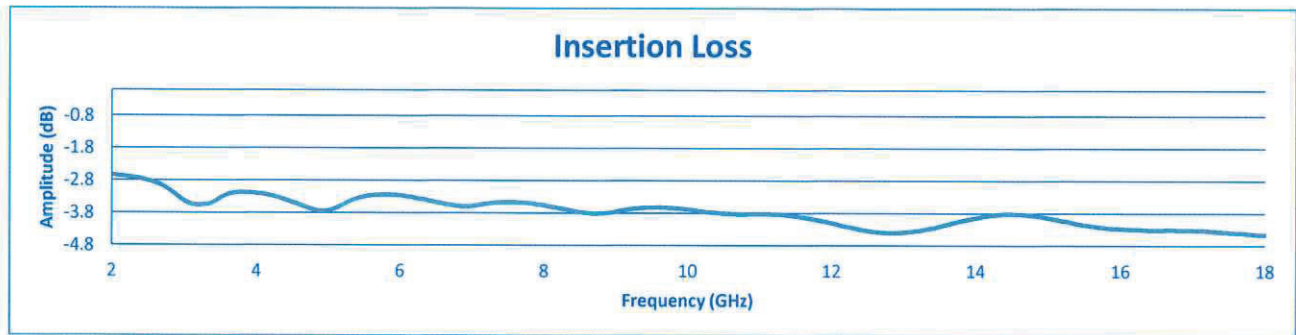
PMI
QA 1

Date: 12/13/18



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