



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: PL24481/1901

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.	4.1 dB See Plot	
3	VSWR:	2.0:1 Max.	1.79:1 See Plot	
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.52 dB See Plot	
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.63 dB See Plot	
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.13 dB See Plot	
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.06 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.	0.32 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	0.0305	-0.01	0.01
0.0313	0.0529	-0.02	0.01
0.0625	0.08	-0.02	0.02
0.125	0.14	-0.01	0.02
0.25	0.25	0.00	0.03
0.50	0.51	-0.01	0.03
1.00	1.00	0.00	0.06
2.00	2.02	-0.02	0.10
4.00	4.04	-0.04	0.21
8.00	8.06	-0.06	0.30
16.00	16.06	-0.11	0.45
32.00	32.11	-0.11	0.58

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.00	0.00	0.24
10.00	10.05	-0.05	0.33
15.00	14.98	0.02	0.43
20.00	20.03	-0.03	0.52
25.00	24.99	0.01	0.55
30.00	30.05	-0.05	0.58
35.00	35.01	-0.01	0.59
40.00	40.10	-0.10	0.63
45.00	45.01	-0.01	0.69
50.00	50.17	-0.17	0.66
55.00	54.96	0.04	0.82
60.00	60.32	-0.32	1.13

QA/QC Approval: [Signature]

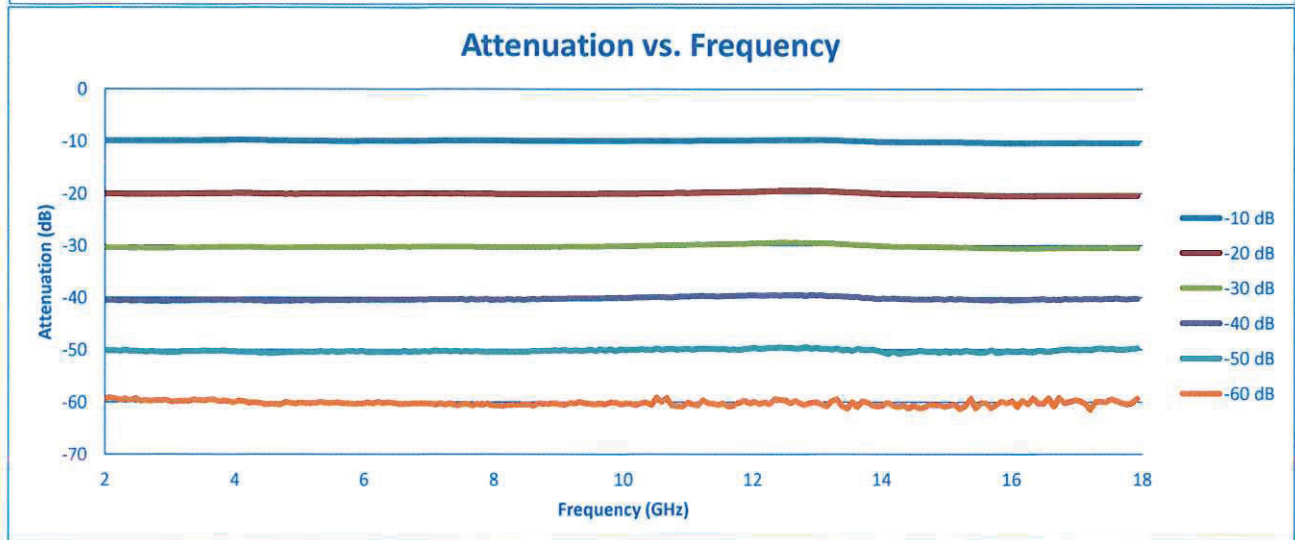
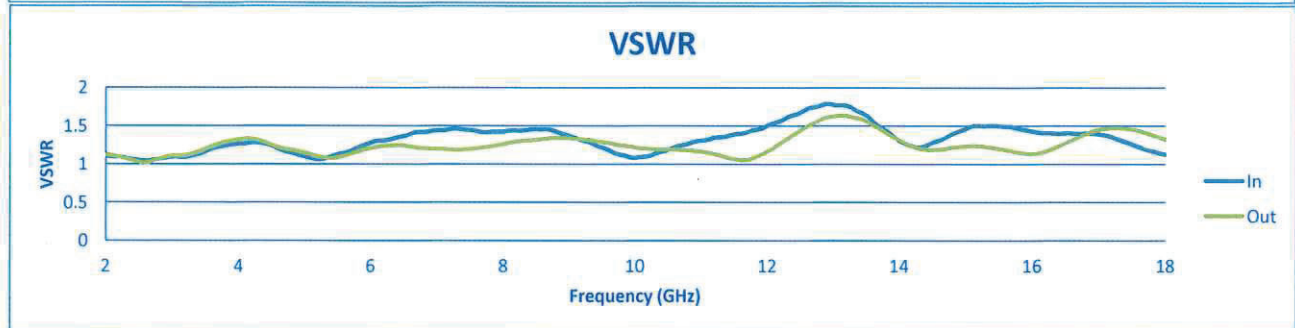
PMI
QA 1

Date: 1/8/19



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