SUMMARY TEST DATA
ON
DTA-2G18G-60-12-CD-1-20DBM-TS-NSI

Customer:
Job No:
Model No: DTA-2G18G-60-12-CD-1-20DBM-TS-NS
Serial No: PL33225/2130

Tested By: E. Kretz
Date: Friday, July 30, 2021
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 2
2	Insertion Loss:	4.8 dB Max.	4.4 dB See Plot	
3	VSWR:	2.0:1 Max.	1.91:1 See Plot	
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.56 dB See Plot	
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.97 dB See Plot	
7	Flatness to 60 dB:	± 3.0 dB Typ.	3.27 dB See Plot	
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.13 dB See Plot	
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.13 dB See Plot	
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.43 dB See Plot	
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	2.99 V	
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 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0156	0.0089	0.01	0.01
0.0313	0.0189	0.01	0.01
0.0625	0.0439	0.02	0.02
0.125	0.106	0.02	0.02
0.25	0.24	0.01	0.03
0.50	0.49	0.01	0.05
1.00	0.99	0.01	0.11
2.00	2.00	0.00	0.21
4.00	4.02	-0.02	0.35
8.00	8.04	-0.04	0.34
16.00	16.10	-0.12	0.37
32.00	32.12	-0.12	0.89

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.02	-0.02	0.39
10.00	10.06	-0.06	0.34
15.00	14.99	0.01	0.34
20.00	20.13	-0.13	0.56
25.00	25.08	-0.08	0.73
30.00	30.13	-0.13	0.86
35.00	35.12	-0.12	0.92
40.00	40.08	-0.08	0.97
45.00	45.07	-0.07	1.14
50.00	50.08	-0.08	1.50
55.00	54.92	0.08	2.07
60.00	59.57	0.43	3.27

QA/QC Approval: PMI QA 2 Date: 7/30/2021

7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

PL33225/2130

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ON
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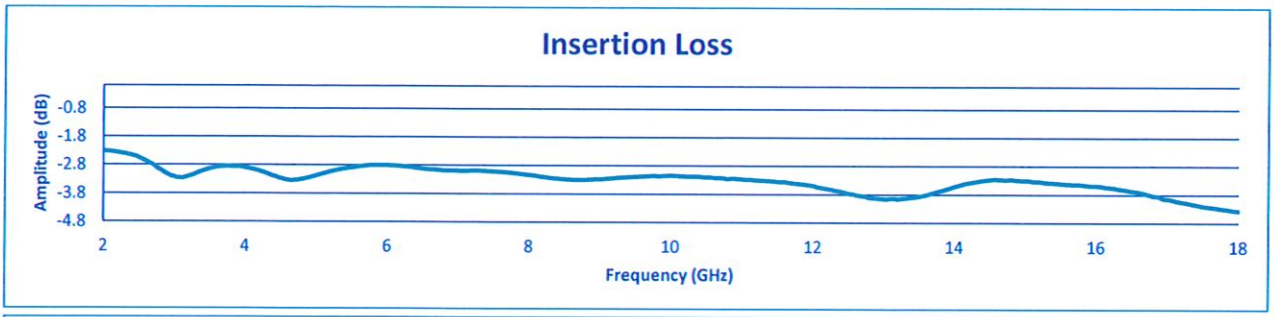

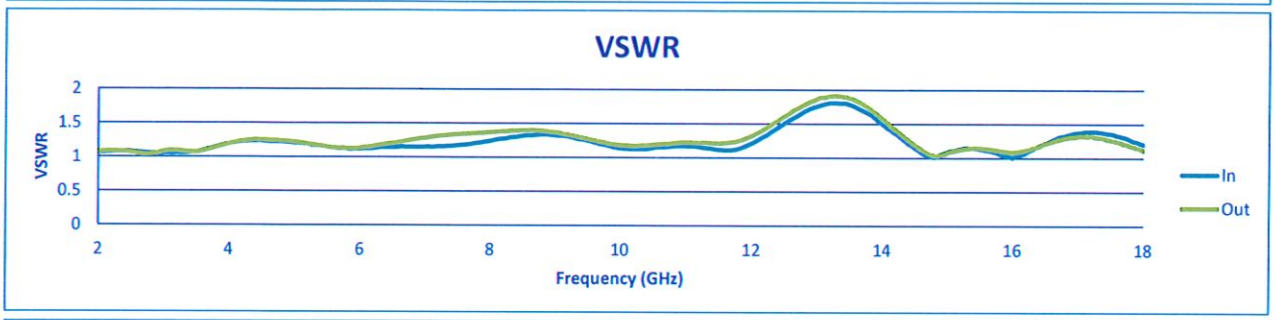

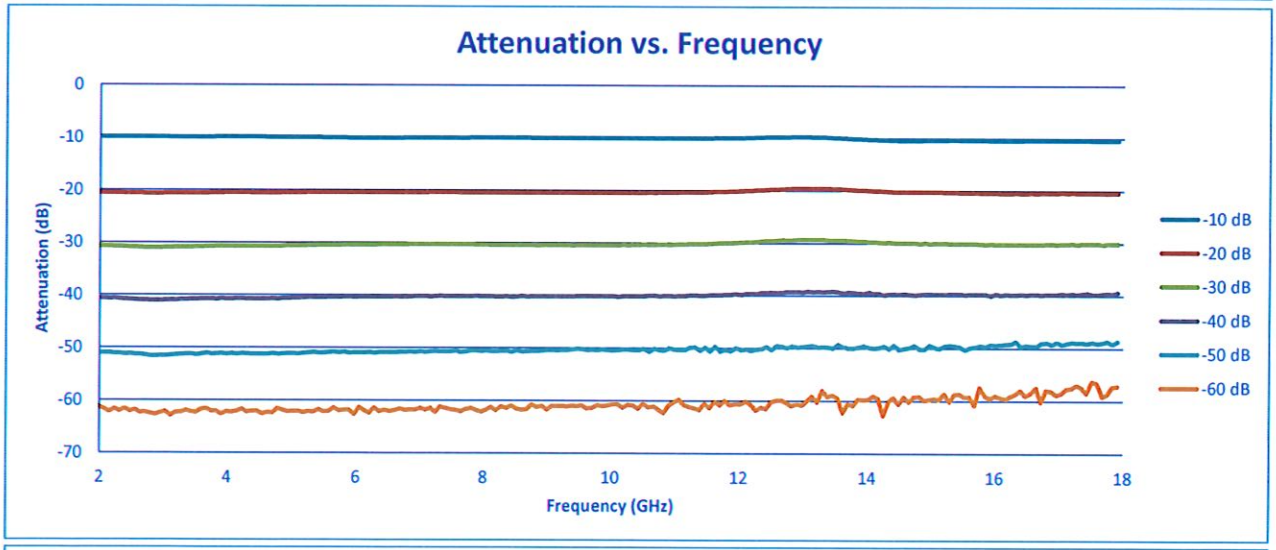

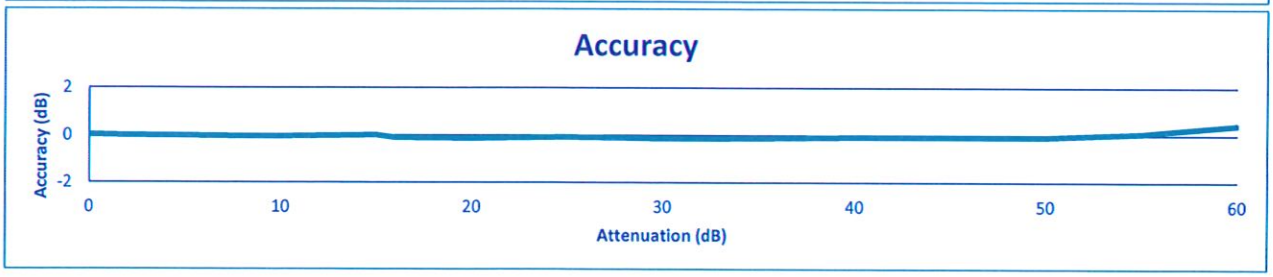

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