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

Customer: [redacted]
Job No: [redacted]
Model No: DTA-2G18G-60-12-CD-1-20DBM-TS-NSI
Serial No: PL31991/2114

Tested By: G.RADTKE
Date: Wednesday, March 31, 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.	4.2 dB See Plot	
3	VSWR:	2.0:1 Max.	1.8:1 See Plot	
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.89 dB See Plot	
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.89 dB See Plot	
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.44 dB See Plot	
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.12 dB See Plot	
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.14 dB See Plot	
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.12 dB See Plot	
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	3.05 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	0.0211	-0.01	0.00
0.0313	0.0359	0.00	0.00
0.0625	0.0668	0.00	0.01
0.125	0.127	0.00	0.01
0.25	0.26	-0.01	0.02
0.50	0.51	-0.01	0.03
1.00	1.01	-0.01	0.06
2.00	2.02	-0.02	0.13
4.00	4.03	-0.03	0.24
8.00	8.05	-0.05	0.46
16.00	16.10	-0.10	0.89
32.00	32.10	-0.10	0.57

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.90	0.10	0.29
10.00	10.09	-0.09	0.62
15.00	15.04	-0.04	0.76
20.00	20.12	-0.12	0.76
25.00	25.13	-0.13	0.62
30.00	30.14	-0.14	0.55
35.00	35.12	-0.12	0.64
40.00	40.12	-0.12	0.79
45.00	45.03	-0.03	1.03
50.00	50.04	-0.04	1.03
55.00	54.99	0.01	1.20
60.00	60.01	-0.01	1.44

QA/QC Approval: PMI QA 2 Date: 3/31/21

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

PL31991/2114

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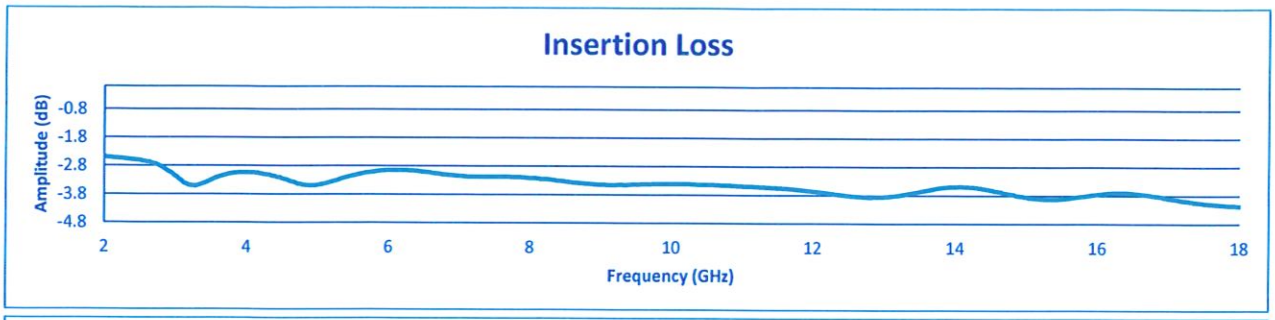

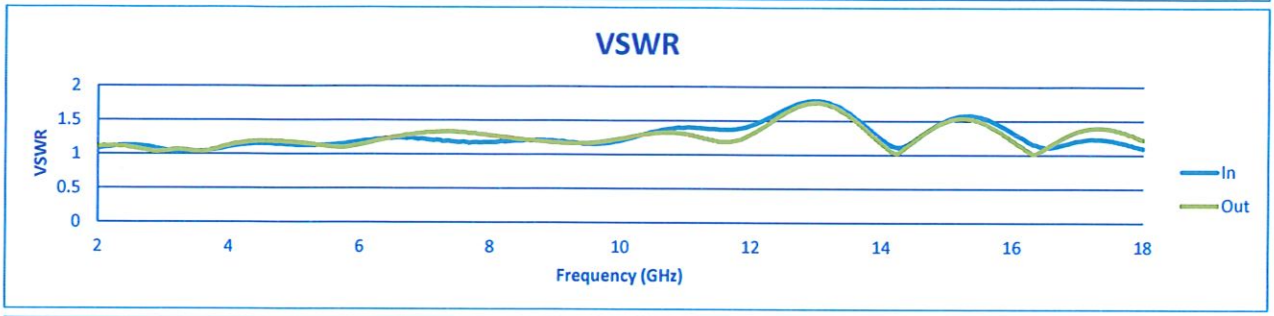

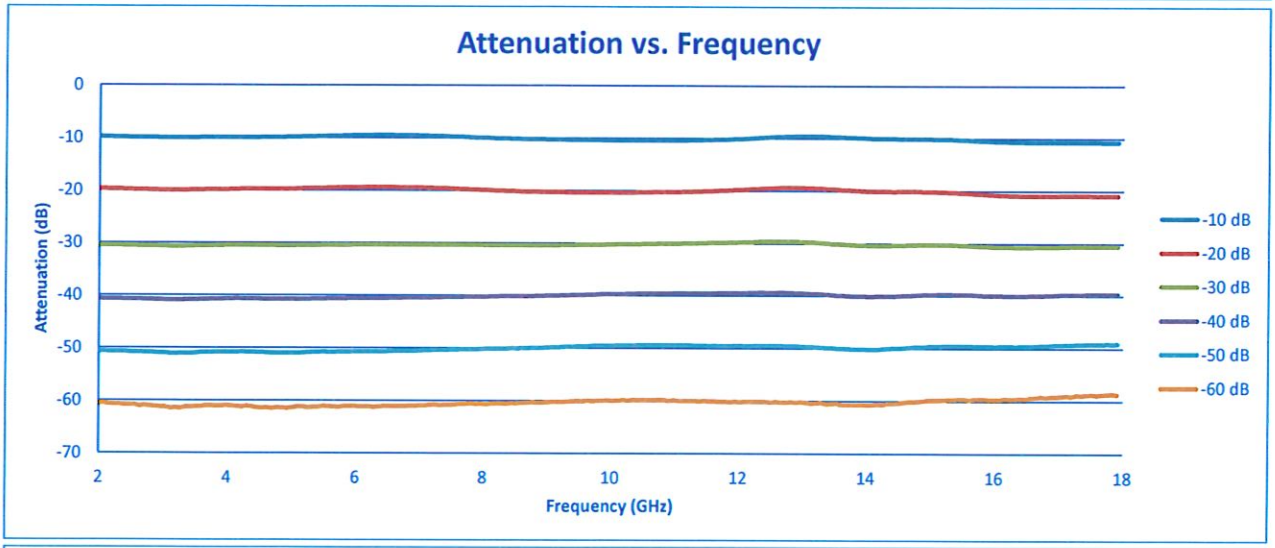

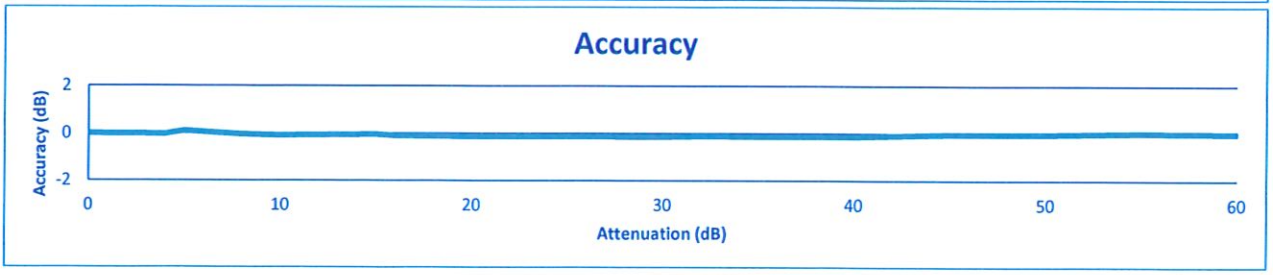

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