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

Customer: [redacted]
Job No: [redacted]
Model No: DTA-2G18G-60-12-CD-1-20DBM-TS-NSI
Serial No: PL33013/2129

Tested By: K. Mansfield
Date: Thursday, July 22, 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.	1.78:1 See Plot	
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.46 dB See Plot	
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.58 dB See Plot	
7	Flatness to 60 dB:	± 3.0 dB Typ.	0.93 dB See Plot	
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.1 dB See Plot	
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.12 dB See Plot	
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.16 dB See Plot	
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	3 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	0.0243	-0.01	0.00
0.0313	0.0366	-0.01	0.00
0.0625	0.0664	0.00	0.01
0.125	0.126	0.00	0.01
0.25	0.25	0.00	0.02
0.50	0.51	-0.01	0.04
1.00	1.02	-0.02	0.08
2.00	2.04	-0.04	0.16
4.00	4.09	-0.09	0.29
8.00	8.10	-0.10	0.30
16.00	16.01	-0.09	0.40
32.00	32.09	-0.09	0.57

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.09	-0.09	0.33
10.00	10.08	-0.08	0.27
15.00	14.92	0.08	0.35
20.00	20.00	0.00	0.46
25.00	24.88	0.12	0.52
30.00	30.08	-0.08	0.57
35.00	35.05	-0.05	0.58
40.00	40.07	-0.07	0.56
45.00	45.05	-0.05	0.50
50.00	50.01	-0.01	0.56
55.00	54.98	0.02	0.81
60.00	59.84	0.16	0.93

QA/QC Approval: [signature] PMI QA 2 Date: 07/23/21

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Email: sales@pmi-rf.com

PL33013/2129

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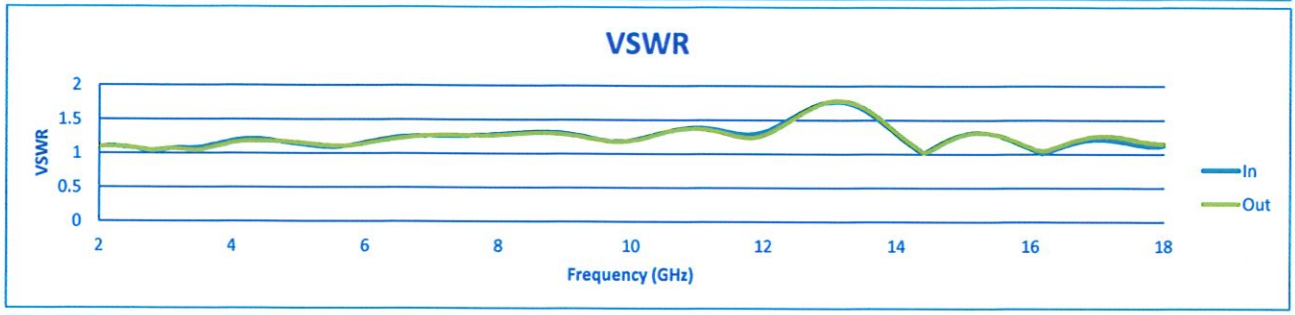

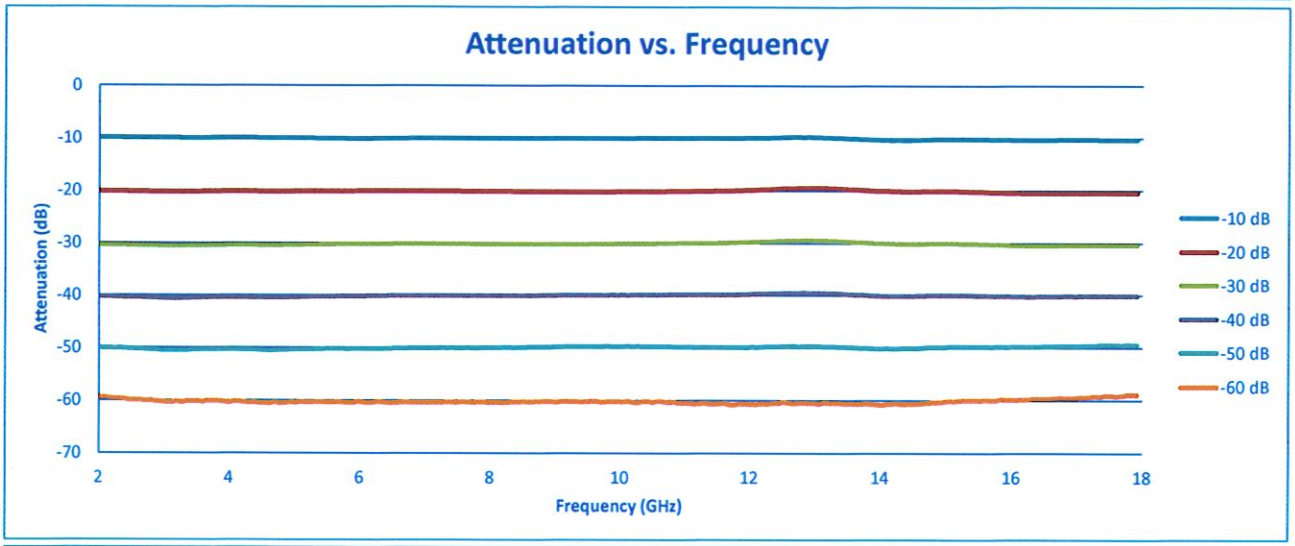

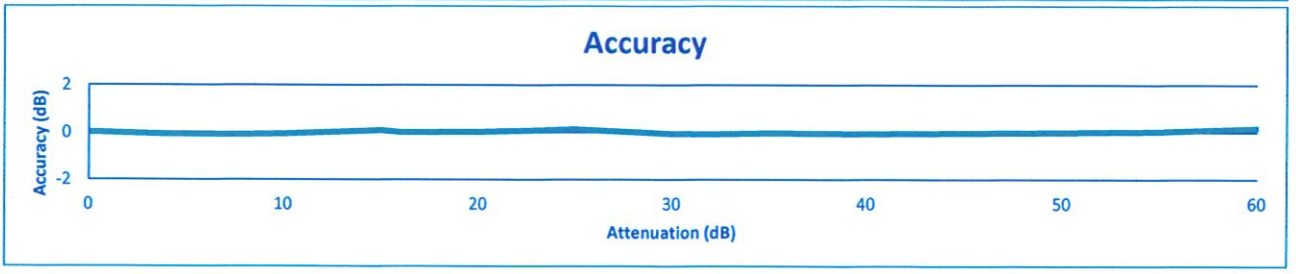

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