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: PL33018/2129

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.	4.6 dB See Plot	
3	VSWR:	2.0:1 Max.	1.92:1 See Plot	
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.51 dB See Plot	
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.78 dB See Plot	
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.97 dB See Plot	
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.16 dB See Plot	
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.15 dB See Plot	
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.11 dB See Plot	
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	2.96 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	0.0268	-0.01	0.00
0.0313	0.0402	-0.01	0.00
0.0625	0.0660	0.00	0.01
0.125	0.125	0.00	0.01
0.25	0.25	0.00	0.02
0.50	0.50	0.00	0.05
1.00	1.01	-0.01	0.10
2.00	2.03	-0.03	0.19
4.00	4.08	-0.08	0.34
8.00	8.06	-0.06	0.34
16.00	15.92	0.06	0.45
32.00	31.94	0.06	0.74

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.08	-0.08	0.38
10.00	10.01	-0.01	0.32
15.00	14.84	0.16	0.41
20.00	19.87	0.13	0.51
25.00	24.85	0.15	0.61
30.00	29.93	0.07	0.73
35.00	34.92	0.08	0.78
40.00	39.91	0.09	0.78
45.00	44.95	0.05	0.78
50.00	49.89	0.11	1.14
55.00	54.90	0.10	1.65
60.00	59.90	0.10	1.97

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

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

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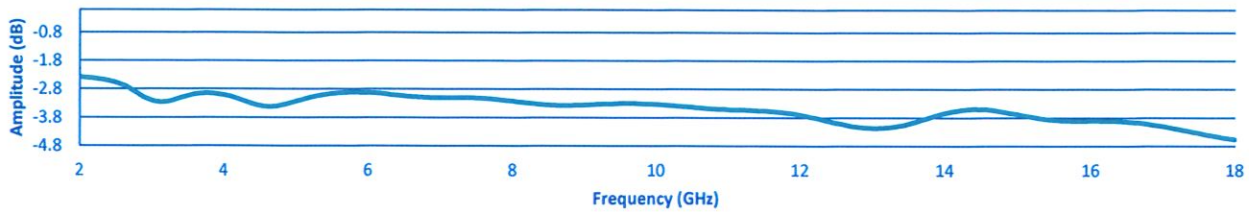
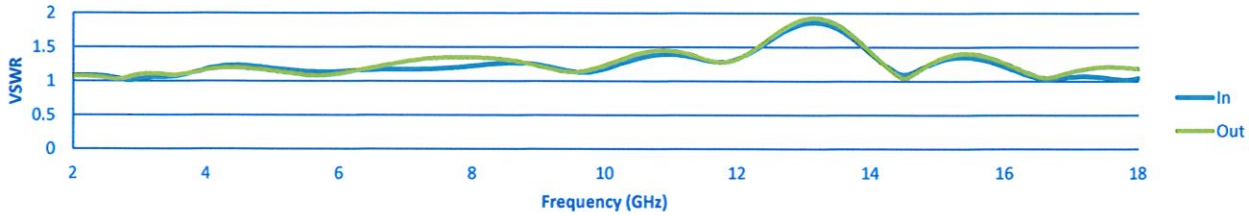
ON
DTA-2G18G-60-12-CD-1-20DBM-TS-NSI

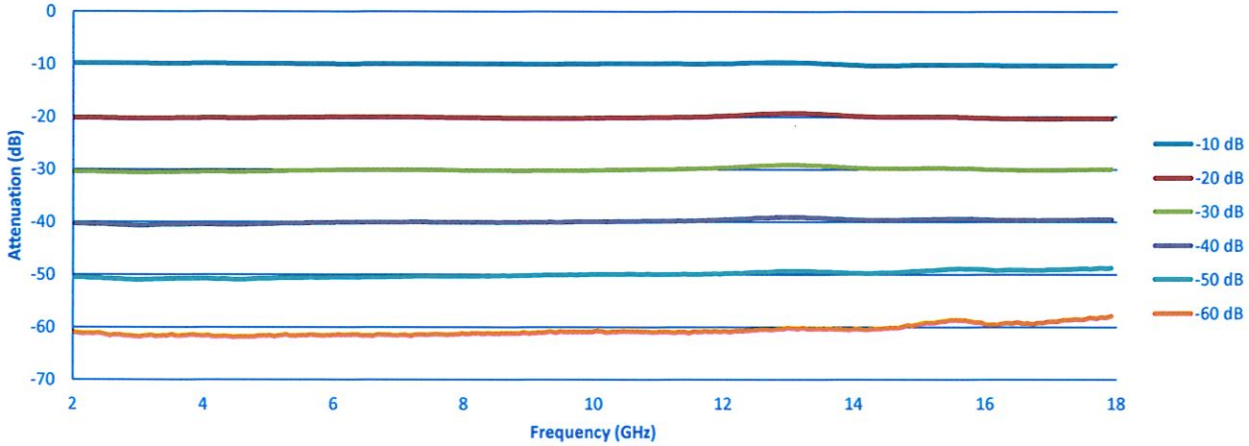
Insertion Loss



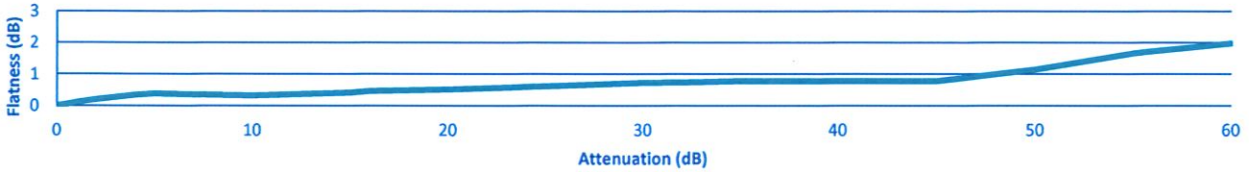
VSWR



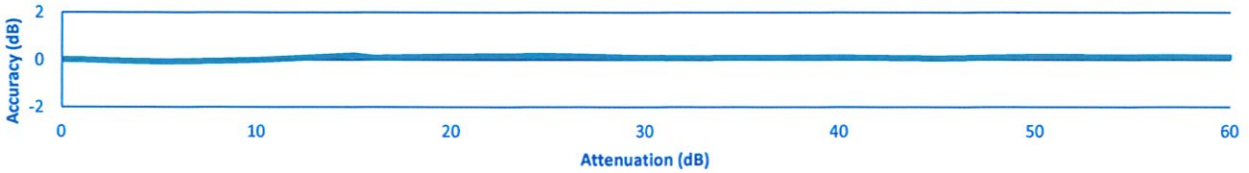
Attenuation vs. Frequency



Flatness



Accuracy



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