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: PL33015/2129

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	Insertion Loss:	4.8 dB Max.	3.9 dB See Plot	
3	VSWR:	2.0:1 Max.	1.52:1 See Plot	
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.37 dB See Plot	
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.48 dB See Plot	
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.23 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.	0.11 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	2.98 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	0.0217	-0.01	0.00
0.0313	0.0367	-0.01	0.00
0.0625	0.0662	0.00	0.00
0.125	0.124	0.00	0.01
0.25	0.25	0.00	0.01
0.50	0.50	0.00	0.03
1.00	1.00	0.00	0.05
2.00	2.01	-0.01	0.10
4.00	4.04	-0.04	0.19
8.00	8.04	-0.04	0.17
16.00	15.98	0.02	0.26
32.00	31.98	0.02	0.47

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.03	-0.03	0.23
10.00	10.03	-0.03	0.15
15.00	14.88	0.12	0.23
20.00	19.96	0.04	0.37
25.00	24.89	0.11	0.43
30.00	29.94	0.06	0.47
35.00	34.93	0.07	0.48
40.00	39.92	0.08	0.44
45.00	44.83	0.17	0.46
50.00	49.87	0.13	0.58
55.00	54.68	0.32	0.81
60.00	59.57	0.43	1.23

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
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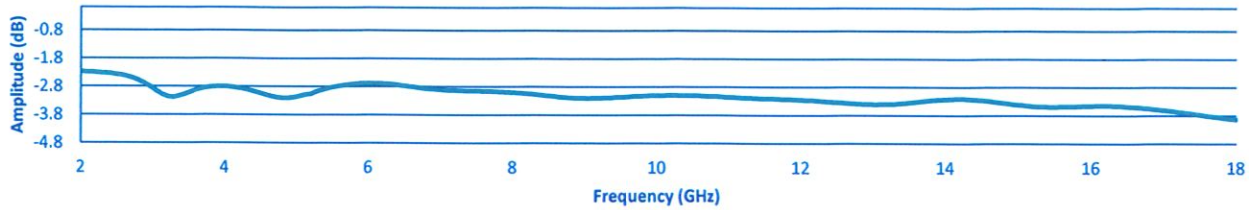
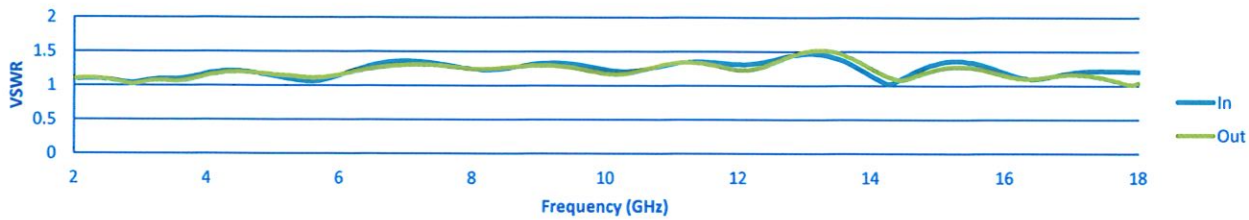
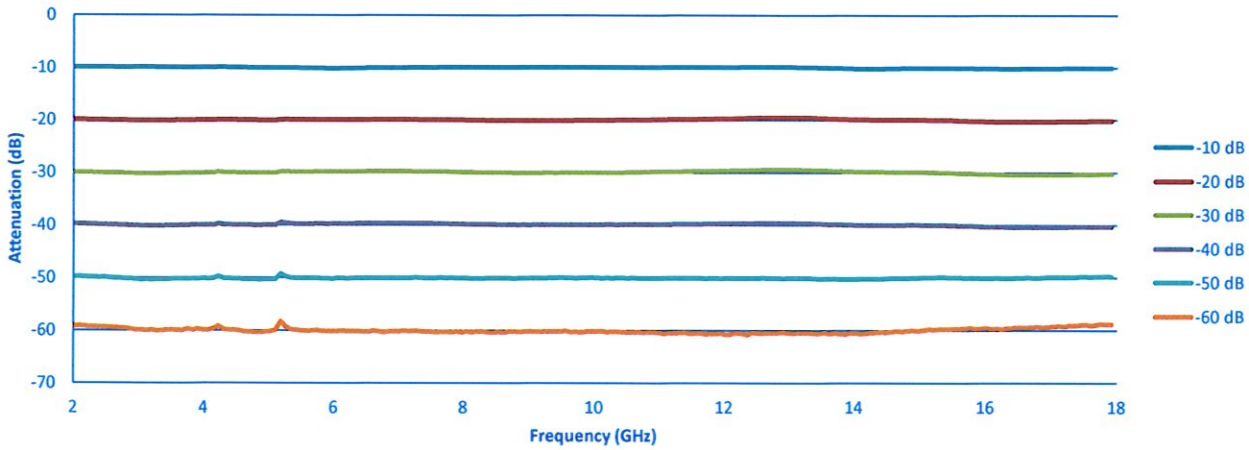
Insertion Loss



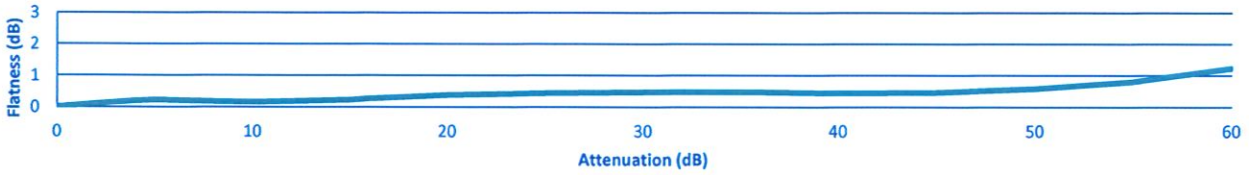
VSWR



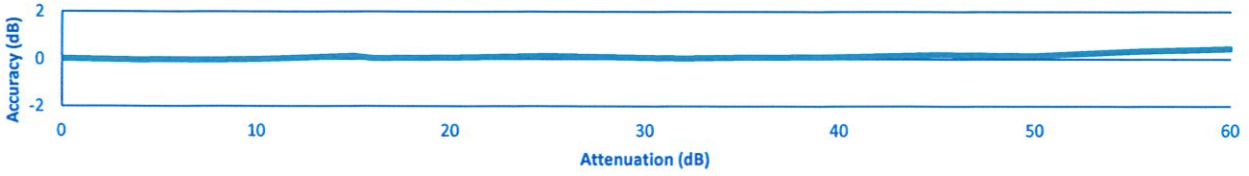
Attenuation vs. Frequency



Flatness



Accuracy



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