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-NSI
Serial No: PL33467/2132

Tested By: K. Mansfield
Date: Wednesday, August 11, 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.	4.3 dB See Plot	
3	VSWR:	2.0:1 Max.	1.78:1 See Plot	
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.42 dB See Plot	
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.67 dB See Plot	
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.56 dB See Plot	
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.11 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.	0.48 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.	120 mA	PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0156	0.0228	-0.01	0.01
0.0313	0.0368	-0.01	0.01
0.0625	0.0661	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	0.04
1.00	1.01	-0.01	0.08
2.00	2.03	-0.03	0.16
4.00	4.07	-0.07	0.28
8.00	8.07	-0.07	0.29
16.00	15.97	0.04	0.38
32.00	31.96	0.04	0.67

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.07	-0.07	0.32
10.00	10.04	-0.04	0.26
15.00	14.89	0.11	0.34
20.00	19.95	0.05	0.42
25.00	24.88	0.12	0.53
30.00	29.98	0.02	0.67
35.00	35.01	-0.01	0.61
40.00	39.91	0.09	0.56
45.00	44.91	0.09	0.53
50.00	50.07	-0.07	0.53
55.00	55.00	0.00	0.77
60.00	60.48	-0.48	1.56

QA/QC Approval: PMI QA 2 Date: 8/12/2021

7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
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PL33467/2132

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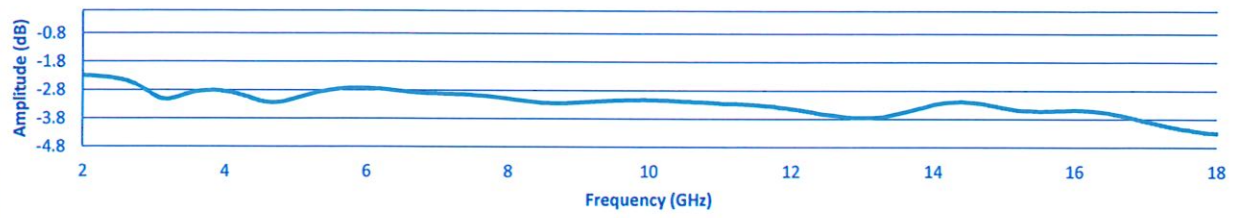
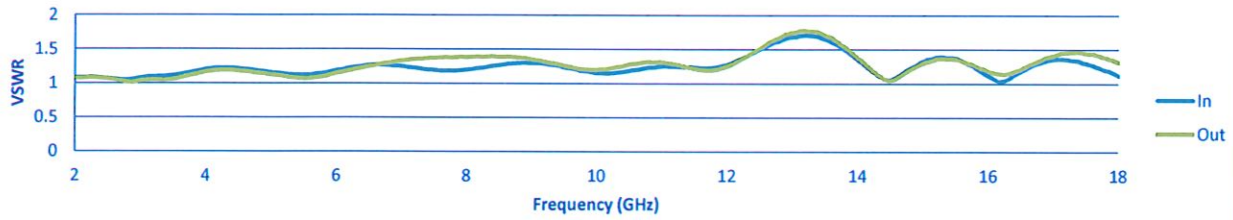
ON
DTA-2G18G-60-12-CD-1-20DBM-TS-NSI

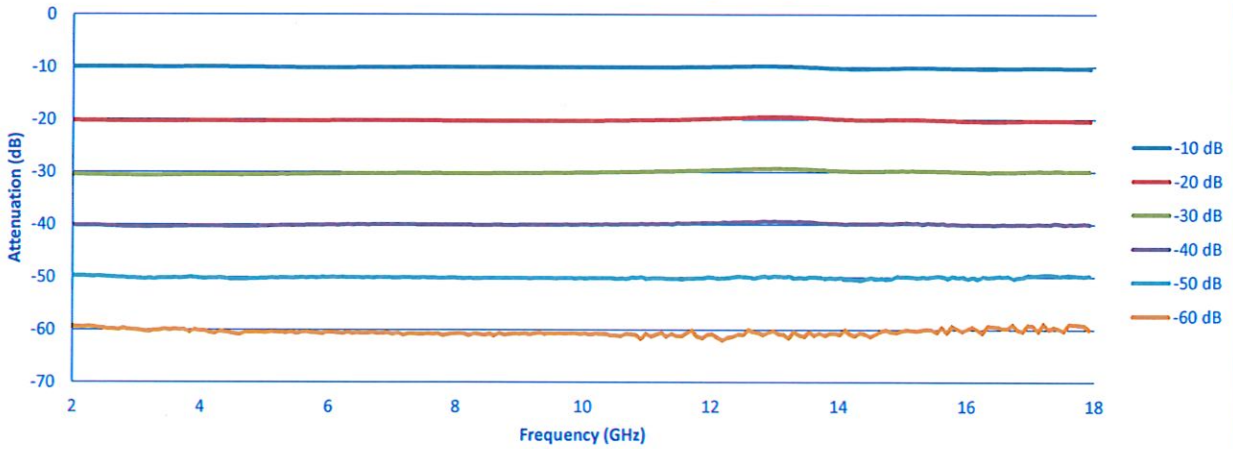
Insertion Loss



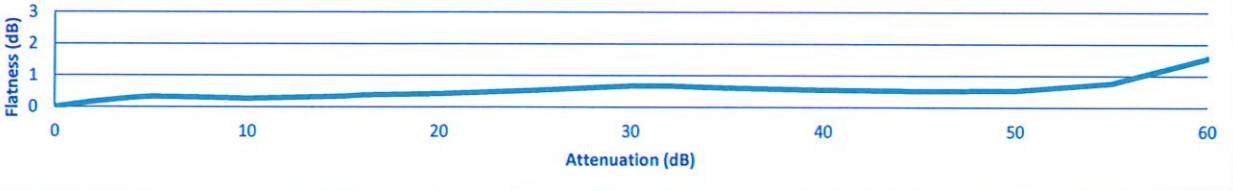
VSWR



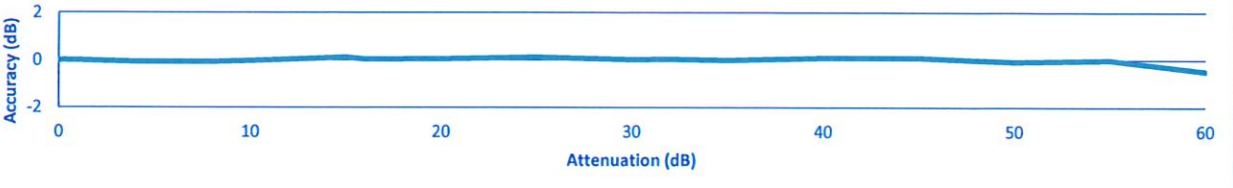
Attenuation vs. Frequency



Flatness



Accuracy



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