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

Customer: [illegible]
Job No: [illegible]
Model No: DTA-2G18G-60-12-CD-1-20DBM-TS-NSI
Serial No: PL33468/2132

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.	1.66:1 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.	0.6 dB See Plot	
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.87 dB See Plot	
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.35 dB See Plot	
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.5 dB See Plot	
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	1.11 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.	119 mA	PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0156	0.0244	-0.01	0.01
0.0313	0.0367	-0.01	0.01
0.0625	0.0651	0.00	0.01
0.125	0.126	0.00	0.01
0.25	0.26	-0.01	0.02
0.50	0.52	-0.02	0.04
1.00	1.03	-0.03	0.08
2.00	2.06	-0.06	0.15
4.00	4.11	-0.11	0.26
8.00	8.17	-0.17	0.26
16.00	16.29	-0.47	0.32
32.00	32.47	-0.47	0.60

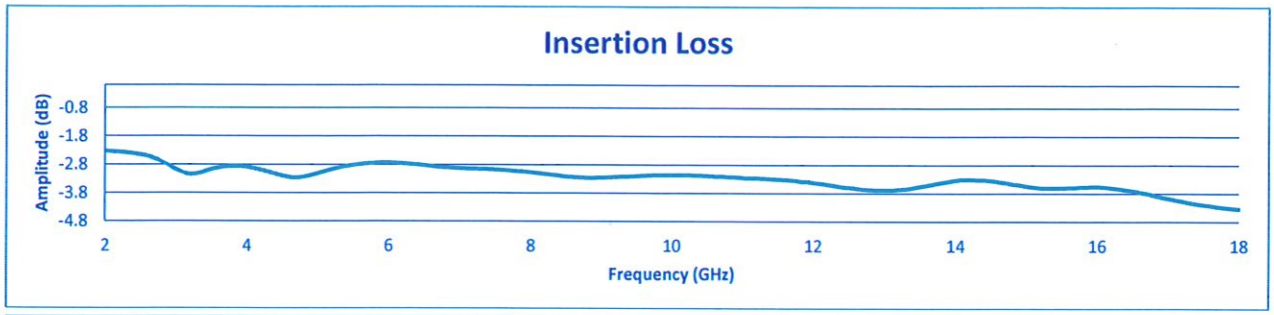
Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.11	-0.11	0.29
10.00	10.20	-0.20	0.24
15.00	15.18	-0.18	0.29
20.00	20.35	-0.35	0.37
25.00	25.41	-0.41	0.48
30.00	30.44	-0.44	0.60
35.00	35.49	-0.49	0.52
40.00	40.50	-0.50	0.44
45.00	45.56	-0.56	0.34
50.00	50.43	-0.43	0.79
55.00	55.48	-0.48	1.40
60.00	61.11	-1.11	1.87

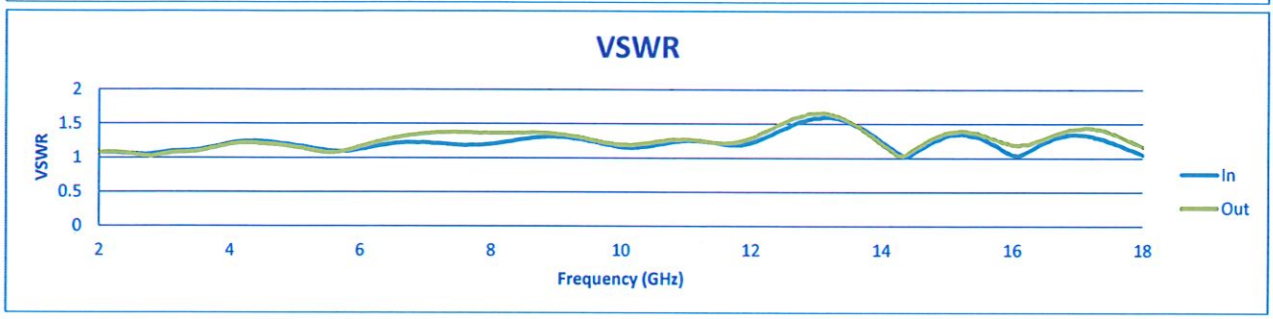
QA/QC Approval: PMI QA 2 **Date:** 8/12/2021

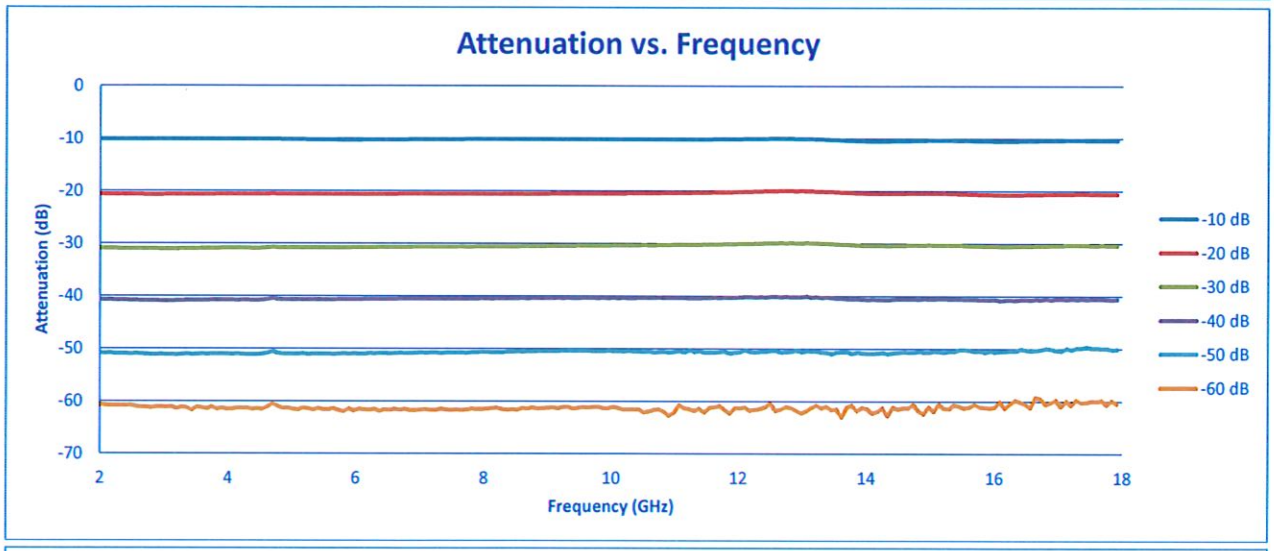
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

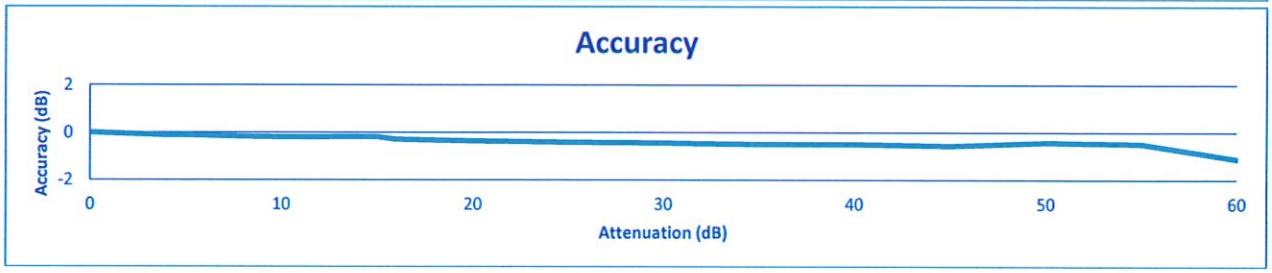
PL33468/2132

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









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