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: PL33009/2129

Tested By: K. Wagaman
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.	4.4 dB See Plot	
3	VSWR:	2.0:1 Max.	1.53:1 See Plot	
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.54 dB See Plot	
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.56 dB See Plot	
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.02 dB See Plot	
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.43 dB See Plot	
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.99 dB See Plot	
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	1.49 dB See Plot	
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	3.04 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	0.0257	-0.01	0.00
0.0313	0.0373	-0.01	0.00
0.0625	0.0655	0.00	0.01
0.125	0.127	0.00	0.01
0.25	0.26	-0.01	0.01
0.50	0.51	-0.01	0.03
1.00	1.02	-0.02	0.05
2.00	2.02	-0.02	0.10
4.00	4.03	-0.03	0.19
8.00	8.11	-0.11	0.33
16.00	16.32	-0.86	0.50
32.00	32.86	-0.86	0.54

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.95	0.05	0.23
10.00	10.16	-0.16	0.39
15.00	15.23	-0.23	0.48
20.00	20.43	-0.43	0.54
25.00	25.55	-0.55	0.56
30.00	30.76	-0.76	0.55
35.00	35.83	-0.83	0.49
40.00	40.99	-0.99	0.40
45.00	45.91	-0.91	0.37
50.00	51.01	-1.01	0.49
55.00	56.35	-1.35	0.72
60.00	61.49	-1.49	1.02

QA/QC Approval: PMI QA 2 Date: 07/23/21

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Email: sales@pmi-rf.com

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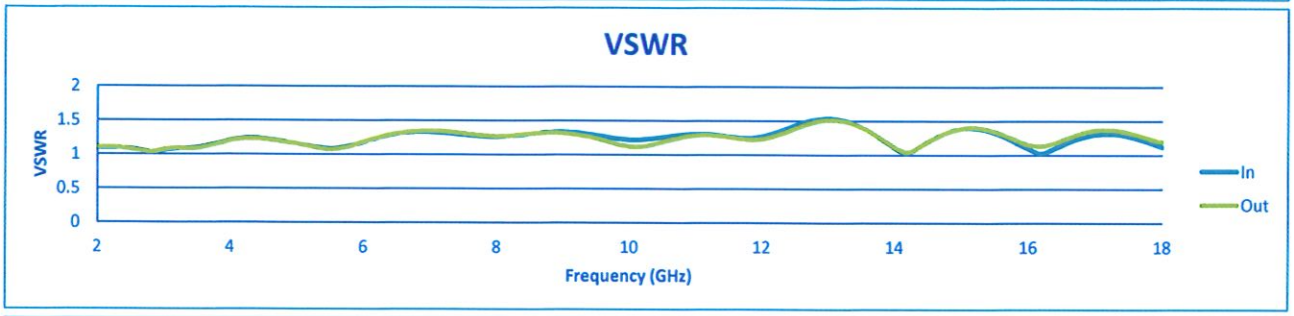

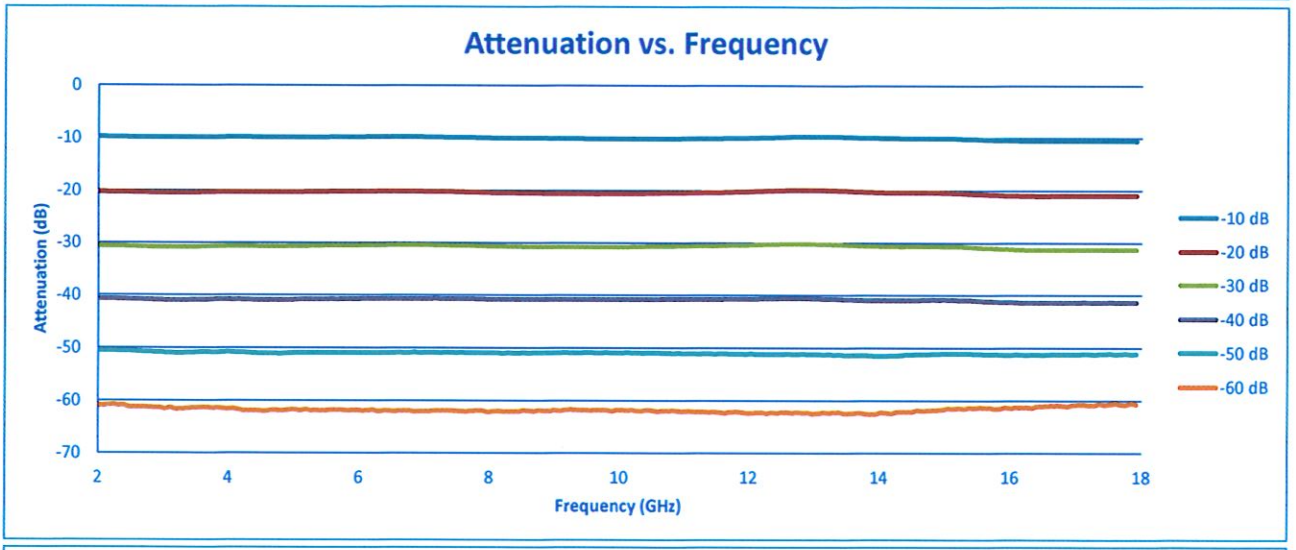

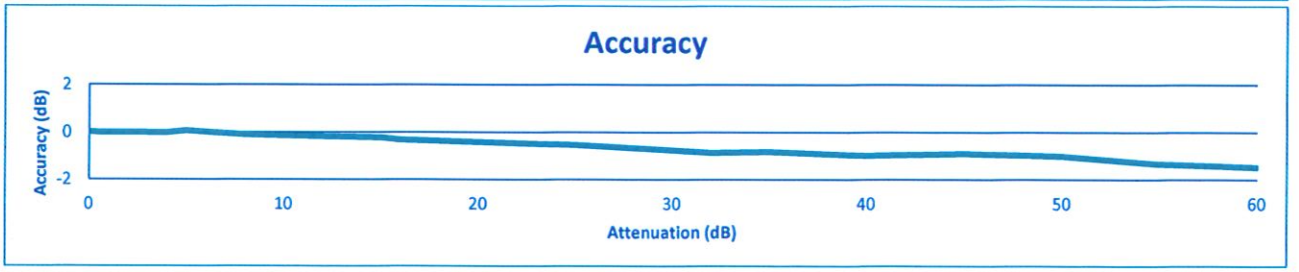

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