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

Customer:
Job No:
Model No: DTA-2G18G-60-12-CD-1-20DBM-TS-NSI
Serial No: PL31993/2114

Tested By: G.RADTKE
Date: Wednesday, March 31, 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.	1.75:1 See Plot	
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.63 dB See Plot	
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.63 dB See Plot	
7	Flatness to 60 dB:	± 3.0 dB Typ.	2.26 dB See Plot	
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.17 dB See Plot	
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.53 dB See Plot	
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.53 dB See Plot	
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	3.05 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	0.0177	0.00	0.00
0.0313	0.0346	0.00	0.00
0.0625	0.0769	-0.01	0.01
0.125	0.164	-0.04	0.02
0.25	0.33	-0.08	0.03
0.50	0.61	-0.11	0.04
1.00	1.15	-0.15	0.06
2.00	2.16	-0.16	0.11
4.00	4.00	0.00	0.24
8.00	8.07	-0.07	0.49
16.00	16.13	-0.40	0.62
32.00	32.40	-0.40	0.60

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.83	0.17	0.29
10.00	10.04	-0.04	0.55
15.00	15.10	-0.10	0.63
20.00	20.17	-0.17	0.61
25.00	25.20	-0.20	0.63
30.00	30.36	-0.36	0.62
35.00	35.39	-0.39	0.55
40.00	40.53	-0.53	0.53
45.00	45.53	-0.53	0.65
50.00	50.50	-0.50	0.88
55.00	55.31	-0.31	1.35
60.00	60.04	-0.04	2.26

QA/QC Approval: PMI QA 2 Date: 3/31/21

7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
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PL31993/2114

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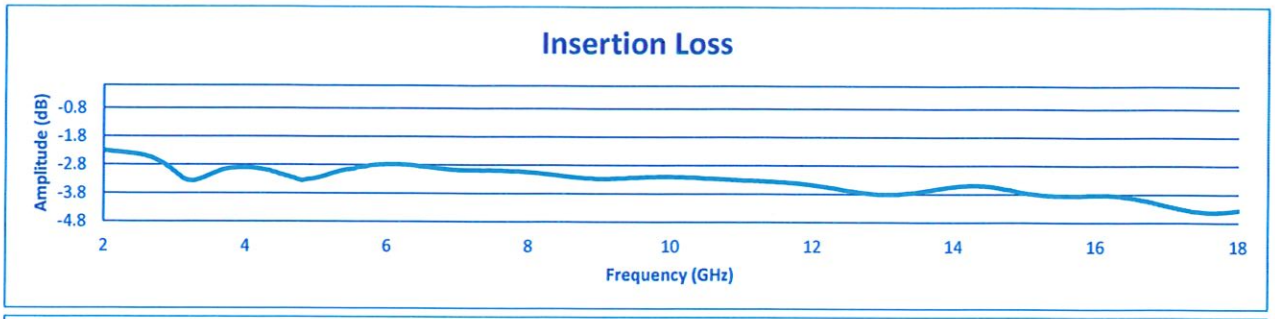

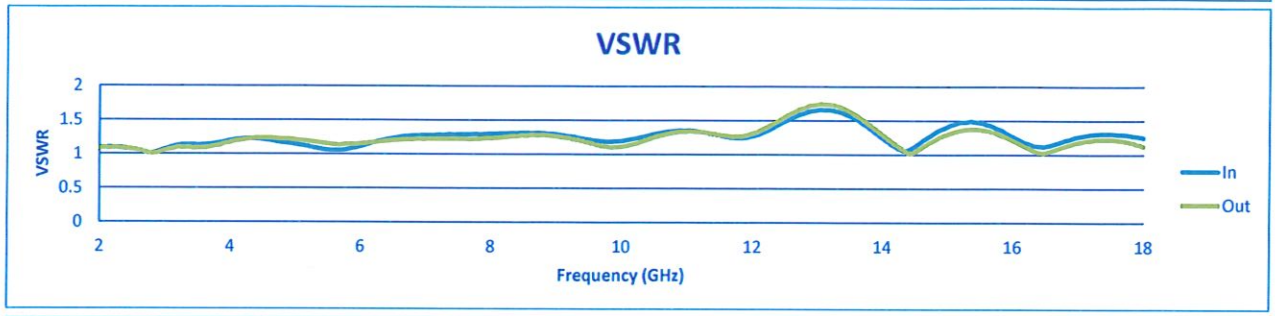

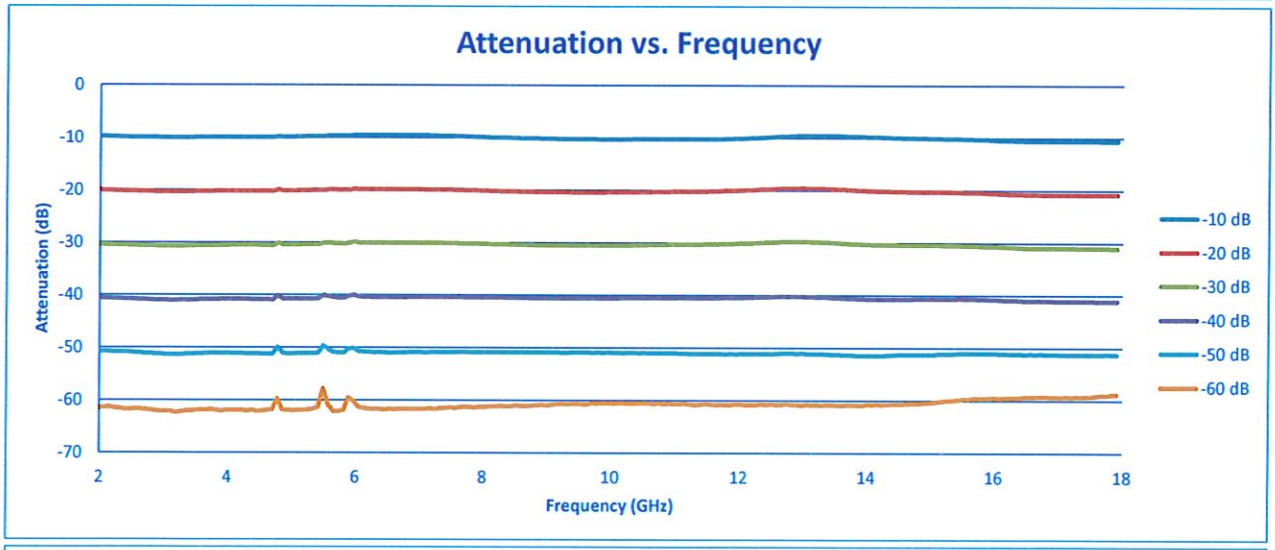

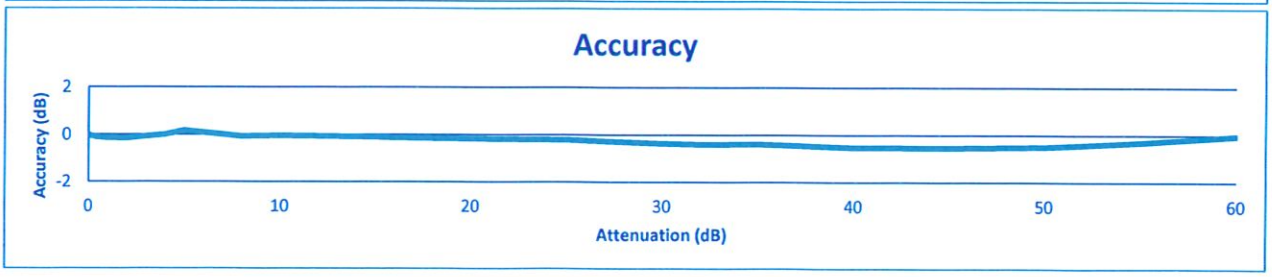

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