SUMMARY TEST DATA
ON
DTA-30M2D5G-60DB-10B

Customer:
Job No:
Model No: DTA-30M2D5G-60DB-10B
Serial No: PL26277/1933

Tested By: K. Mansfield
Date: Wednesday, August 14, 2019
Temperature: +25° C
Drawing No: 27636640 **Rev:** A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	QA QC
1	Frequency Range:	30 MHz – 2.5 GHz	30 MHz – 2.5 GHz	PMI QA1
2	Mean Attenuation Range:	60 dB	62.4 dB	
3	Insertion Loss:	4.5 dB Max.	4 dB See Plot	
4	VSWR:	2.0:1 Max.	2:1 See Plot	
5	Flatness to 20 dB:	± 0.6 dB Typ.	± 0.33 dB	
6	Flatness to 40 dB:	± 1.0 dB Typ.	± 0.6 dB	
7	Flatness to 60 dB:	± 3.0 dB Typ.	± 2.29 dB	
8	Accuracy of Attenuation 0 to 20 dB:	± 0.5 dB Max.	± 0.22 dB	
9	Accuracy of Attenuation 20 to 40 dB:	± 0.75 dB Max.	± 0.14 dB	
10	Accuracy of Attenuation 40 to 60 dB:	± 1.5 dB Max.	± 0.94 dB	
11	Minimum Attenuation Step:	0.06 dB	0.0317 dB	
12	Survival Power:	1 W Average from -65°C to +25°C	Pass	
13	Switching Speed:	ON: 1.0 µs Max. OFF: 1.0 µs Max.	ON: < 1.0 µs OFF: < 1.0 µs See Typical Characteristics	
14	DC Supply:	+12 to +15 V @ 100 mA Max. -12 to -15 V @ 100 mA Max.	+12 V @ 40 mA -12 V @ 51 mA	PMI QA1

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0625	0.03	0.03	0.00
0.125	0.08	0.05	0.01
0.25	0.20	0.05	0.01
0.50	0.42	0.08	0.01
1.00	0.94	0.06	0.03
2.00	2.03	-0.03	0.06
4.00	4.22	-0.22	0.13
8.00	8.03	-0.03	0.19
16.00	15.97	0.03	0.28
32.00	32.13	-0.13	0.47
62.00	61.20	0.80	2.43
63.94	62.36	1.57	2.78

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.22	-0.22	0.14
10.00	9.94	0.06	0.21
15.00	14.94	0.06	0.27
20.00	20.02	-0.02	0.33
25.00	25.07	-0.07	0.38
30.00	30.09	-0.09	0.44
35.00	35.11	-0.11	0.51
40.00	40.14	-0.14	0.60
45.00	45.11	-0.11	0.82
50.00	49.97	0.03	1.17
55.00	54.69	0.31	1.62
60.00	59.06	0.94	2.29

QA/QC Approval: PMI QA1 Date: 9/19/19

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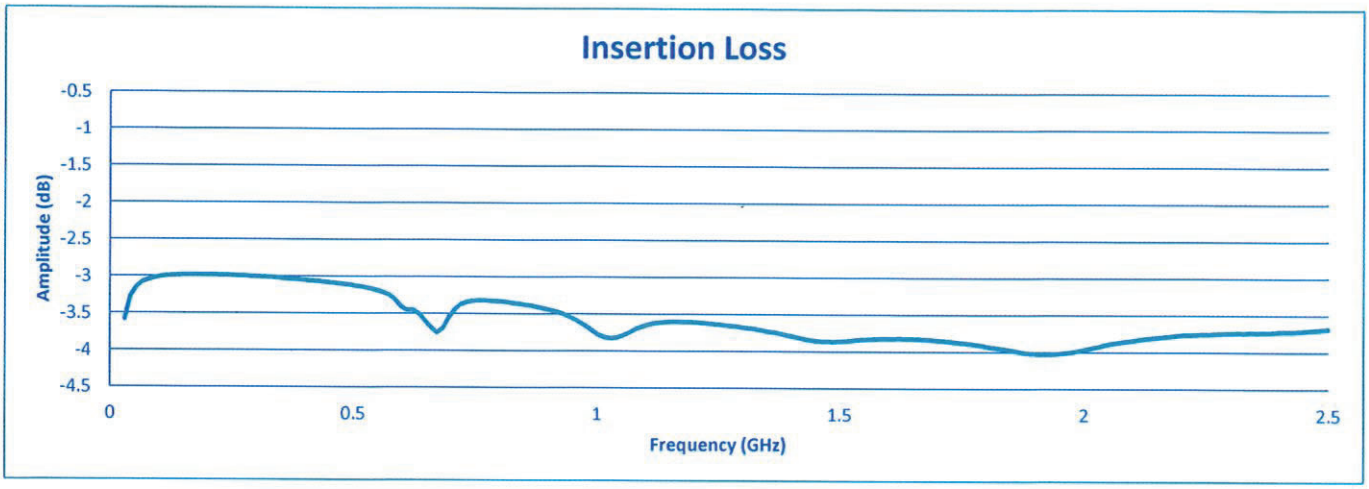
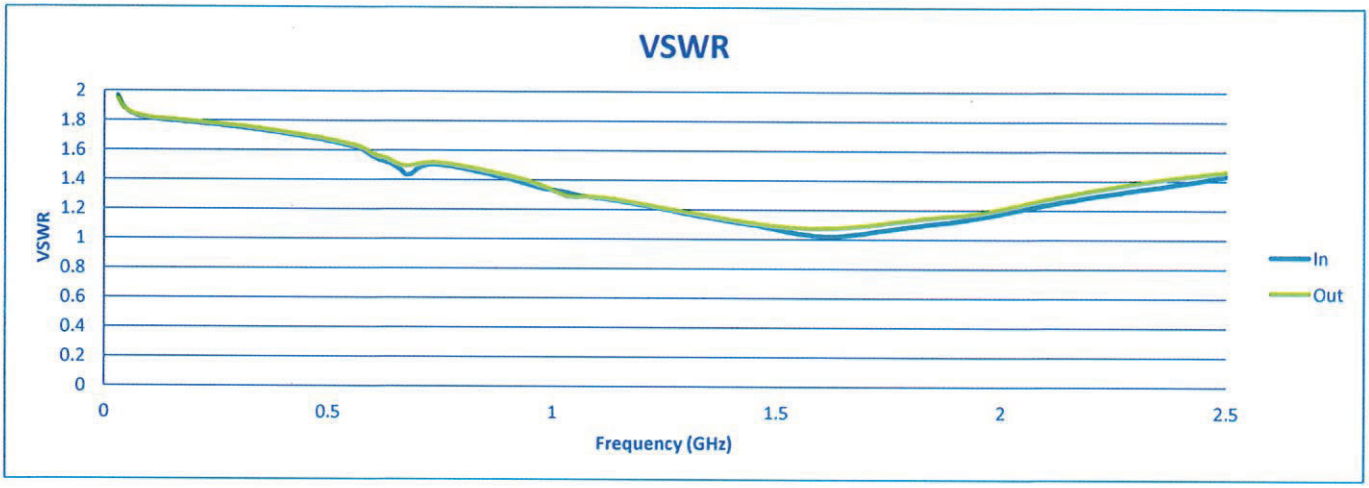
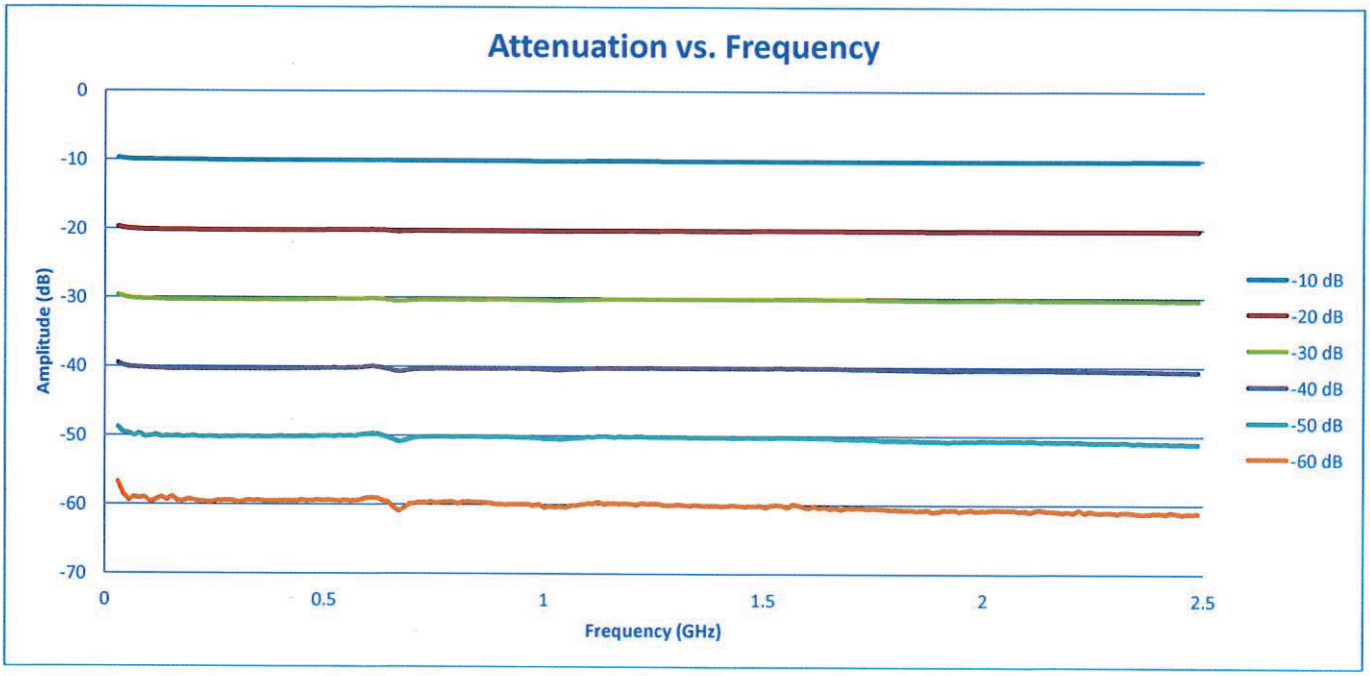
PL26277/1933







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