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

Customer:
Job No:
Model No: DTA-30M2D5G-60DB-10B
Serial No: PL30044/2035

Tested By: E. Marick
Date: Tuesday, August 25, 2020
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
2	Mean Attenuation Range:	60 dB	63 dB	QA 2
3	Insertion Loss:	4.5 dB Max.	4.1 dB See Plot	
4	VSWR:	2.0:1 Max.	1.96:1 See Plot	
5	Flatness to 20 dB:	± 0.6 dB Typ.	± 0.77 dB	
6	Flatness to 40 dB:	± 1.0 dB Typ.	± 0.9 dB	
7	Flatness to 60 dB:	± 3.0 dB Typ.	± 2.62 dB	
8	Accuracy of Attenuation 0 to 20 dB:	± 0.5 dB Max.	± 0.29 dB	
9	Accuracy of Attenuation 20 to 40 dB:	± 0.75 dB Max.	± 0.38 dB	
10	Accuracy of Attenuation 40 to 60 dB:	± 1.5 dB Max.	± 0.42 dB	
11	Minimum Attenuation Step:	0.06 dB	0.0357 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 @ 54 mA	PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0625	0.04	0.03	0.01
0.125	0.08	0.04	0.01
0.25	0.22	0.03	0.01
0.50	0.44	0.06	0.02
1.00	0.97	0.03	0.05
2.00	2.08	-0.08	0.11
4.00	4.29	-0.29	0.24
8.00	8.12	-0.12	0.42
16.00	16.08	-0.08	0.70
32.00	32.24	-0.24	0.84
62.00	61.91	0.09	2.84
63.94	62.98	0.95	3.15

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.29	-0.29	0.29
10.00	10.05	-0.05	0.50
15.00	15.06	-0.06	0.67
20.00	20.10	-0.10	0.77
25.00	25.12	-0.12	0.81
30.00	30.17	-0.17	0.82
35.00	35.27	-0.27	0.82
40.00	40.38	-0.38	0.90
45.00	45.42	-0.42	1.20
50.00	50.42	-0.42	1.58
55.00	55.32	-0.32	1.95
60.00	59.85	0.15	2.62

QA/QC Approval: PMI QA 2 Date: 8.25.2020

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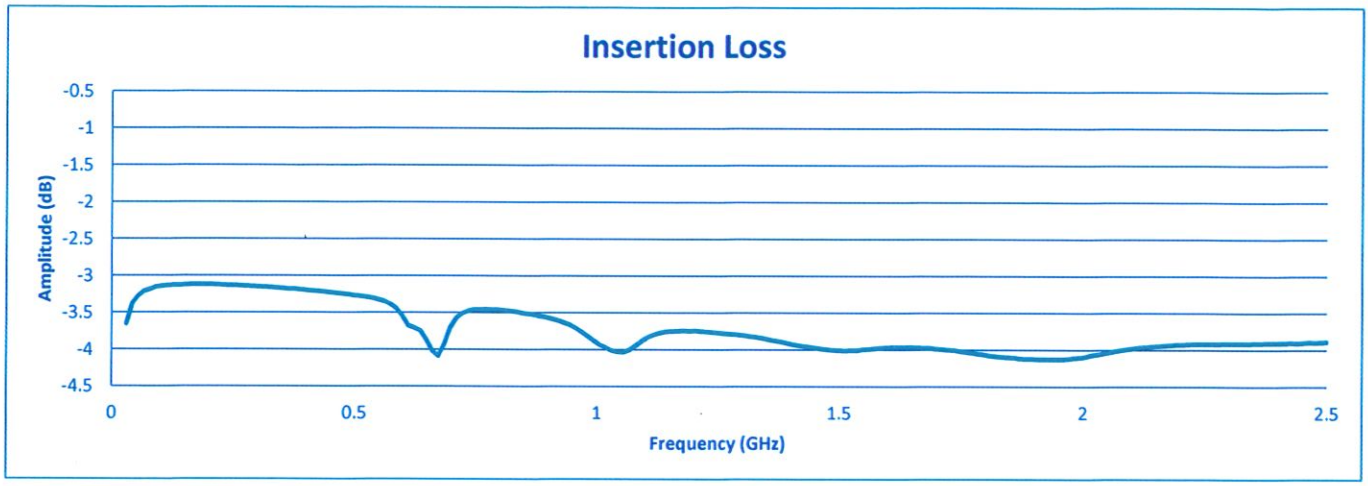

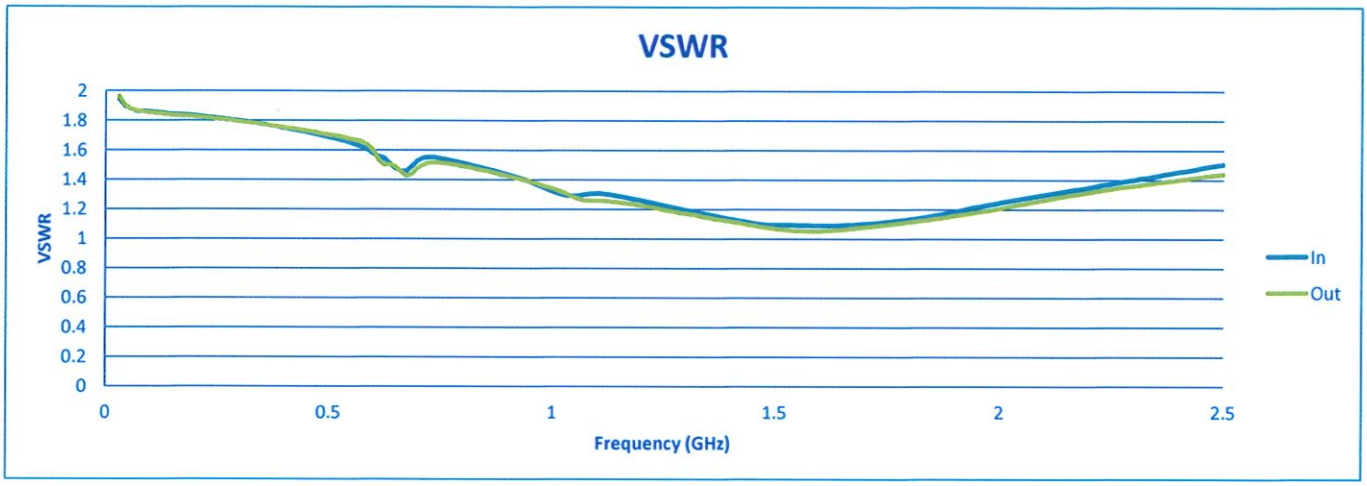

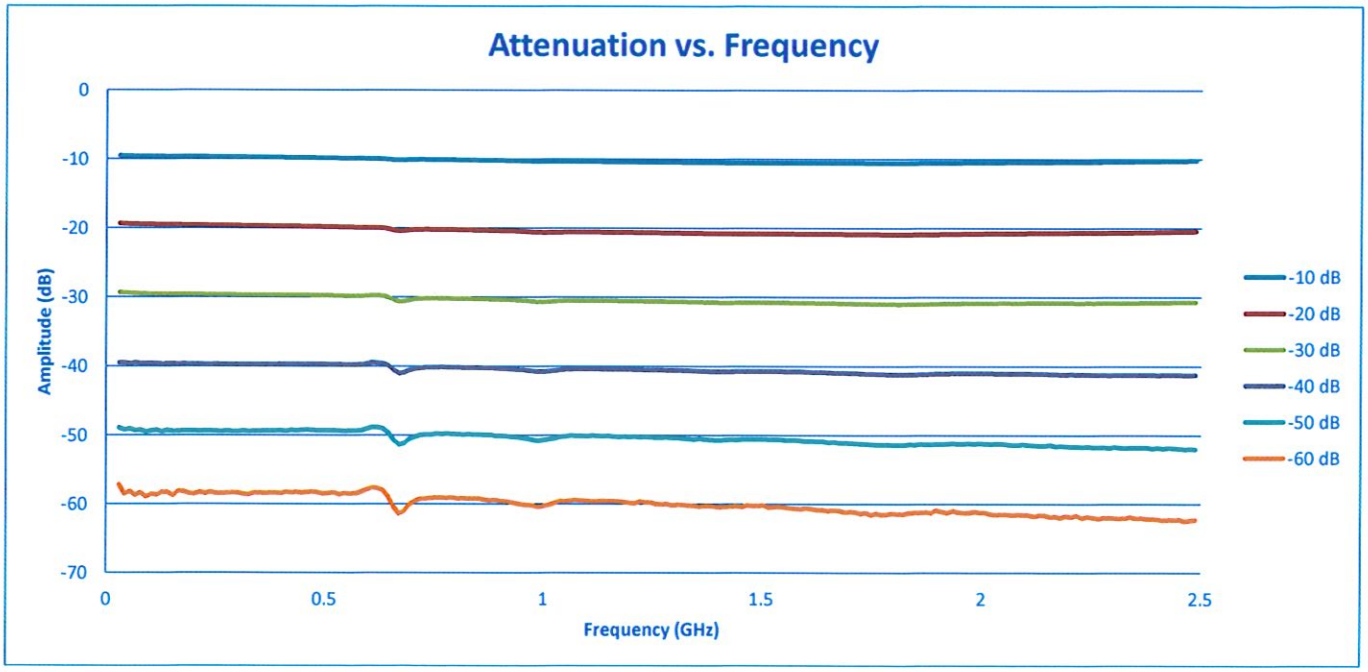

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