



**SUMMARY TEST DATA
ON
DTA-1G18G-60-CD-2**

Customer: _____

Tested By: K. Mansfield

SO No: _____

Date: 1/31/2022

Model No: DT A-1 G1 8G-60-CD-2

Temperature: +25° C

Drawing No: 27621593 Rev: A1

Serial No: PL35531/2205

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	1 GHz – 18 GHz	1 GHz – 18 GHz	PMI QA 2	
2	Insertion Loss:	4.5 dB Max.	3.8 dB See Plot		
3	VSWR:	2.0:1 Max.	1.8:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.93 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	1.42 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.78 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.41 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	1.52 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	1.59 dB See Plot		
11	Switching Speed:	1.0 us Max.	See Typical Characteristics		
12	DC Supply:	+15VDC @ 150 mA Max.	121 mA		PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness
dB	dB	dB	±dB
0.0625	0.06	0.00	0.01
0.125	0.12	0.00	0.01
0.25	0.26	-0.01	0.03
0.50	0.50	0.00	0.06
1.00	1.00	0.00	0.11
2.00	2.01	-0.01	0.24
4.00	3.82	0.18	0.33
8.00	7.73	0.27	0.52
16.00	16.04	-1.29	0.66
32.00	33.29	-1.29	1.36
62.00	64.08	-2.08	1.77
63.94	65.83	-1.90	2.25

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness
dB	dB	dB	±dB
5.00	4.74	0.26	0.38
10.00	9.73	0.27	0.54
15.00	14.91	0.09	0.64
20.00	20.41	-0.41	0.93
25.00	25.77	-0.77	1.20
30.00	31.14	-1.14	1.32
35.00	36.43	-1.43	1.40
40.00	41.52	-1.52	1.42
45.00	46.37	-1.37	1.63
50.00	51.07	-1.07	1.64
55.00	56.07	-1.07	1.60
60.00	61.59	-1.59	1.78

QA/QC Approval: 

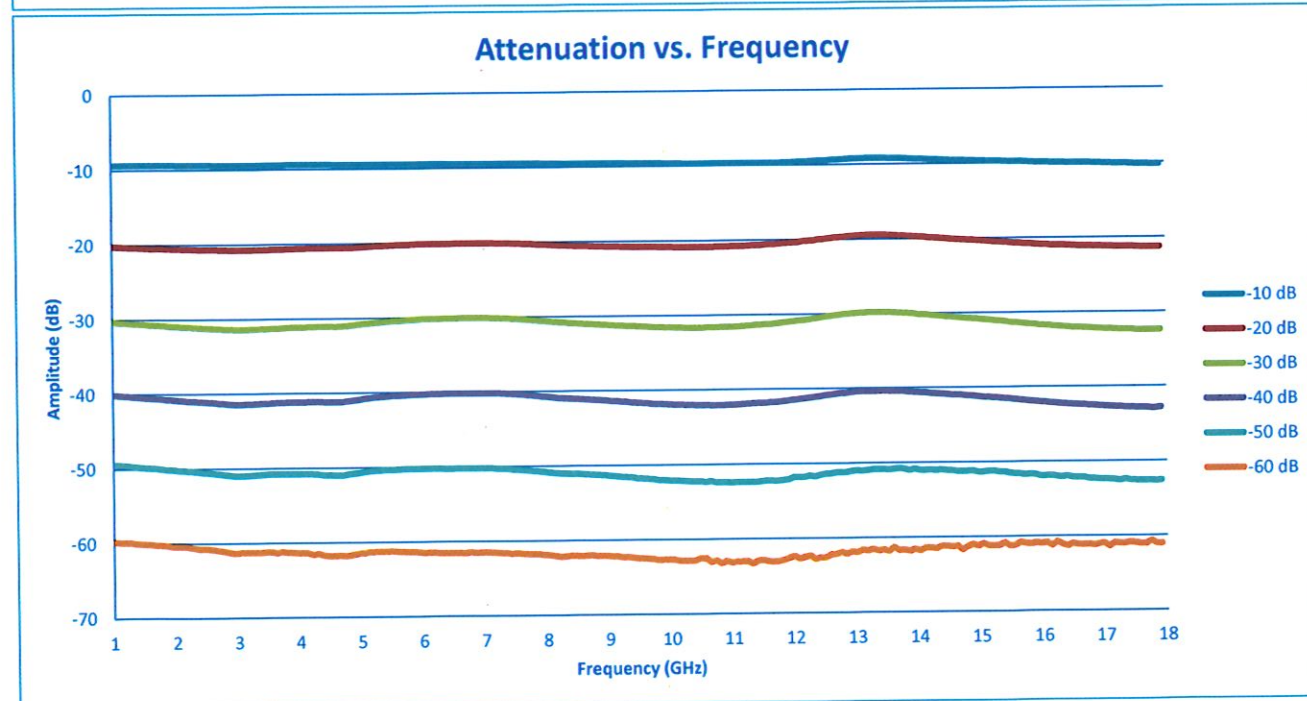
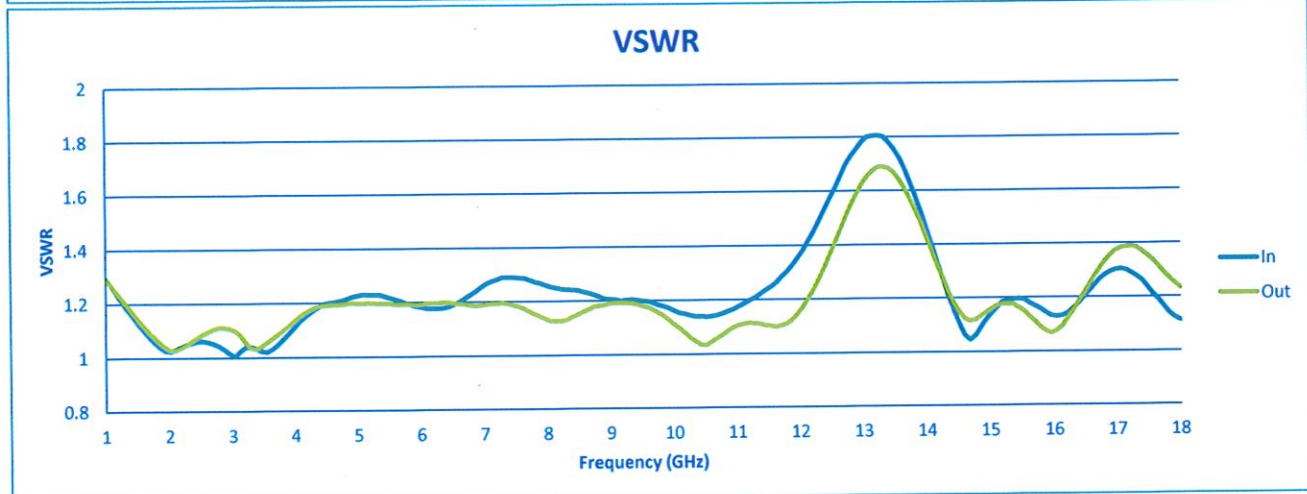
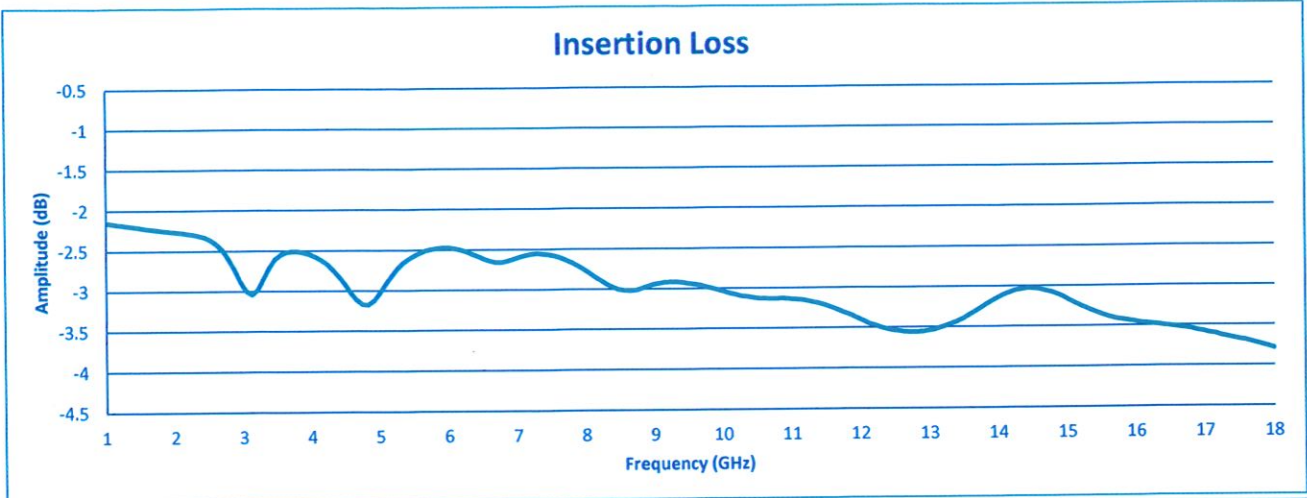
PMI
QA 2

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