



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

Customer: _____
 SO No: _____
 Model No: DTA-1G18G-60-CD-2
 Serial No: PL35534/2205

Tested By: K. Mansfield
 Date: 1/31/2022
 Temperature: +25° C
 Drawing No: 27621593 Rev: A1

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.	3.9 dB See Plot		
3	VSWR:	2.0:1 Max.	1.7:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.53 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.73 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.68 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.08 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.07 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.3 dB See Plot		
11	Switching Speed:	1.0 us Max.	See Typical Characteristics		
12	DC Supply:	+15VDC @ 150 mA Max.	118 mA		PMI QA 2

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
0.0625	0.06	0.00	0.01
0.125	0.12	0.00	0.01
0.25	0.25	0.00	0.02
0.50	0.50	0.00	0.05
1.00	1.00	0.00	0.08
2.00	2.00	0.00	0.16
4.00	4.02	-0.02	0.29
8.00	8.03	-0.03	0.43
16.00	16.05	-0.07	0.33
32.00	32.07	-0.07	0.71
62.00	61.97	0.03	2.08
63.94	64.10	-0.17	2.57

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
5.00	4.94	0.06	0.34
10.00	10.04	-0.04	0.53
15.00	15.08	-0.08	0.41
20.00	20.07	-0.07	0.46
25.00	25.03	-0.03	0.62
30.00	30.06	-0.06	0.70
35.00	35.03	-0.03	0.73
40.00	40.02	-0.02	0.70
45.00	45.00	0.00	0.62
50.00	49.99	0.01	0.61
55.00	54.70	0.30	1.00
60.00	60.19	-0.19	1.68

QA/QC Approval: 

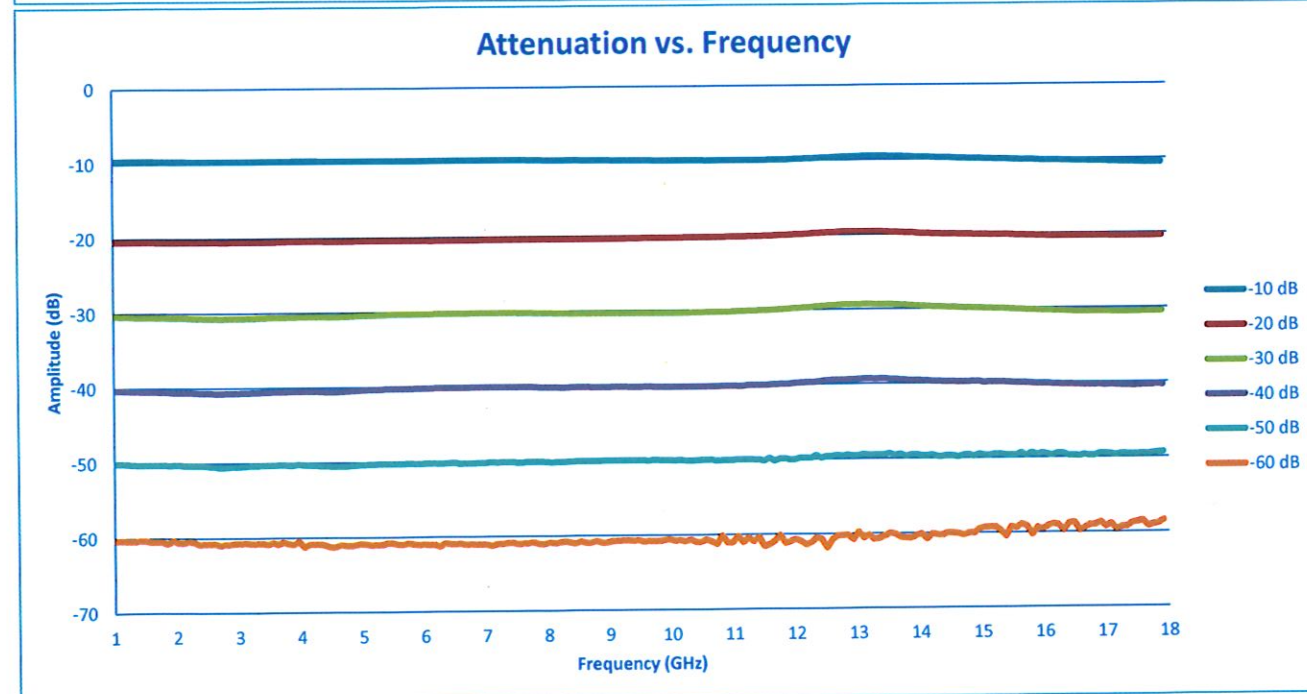
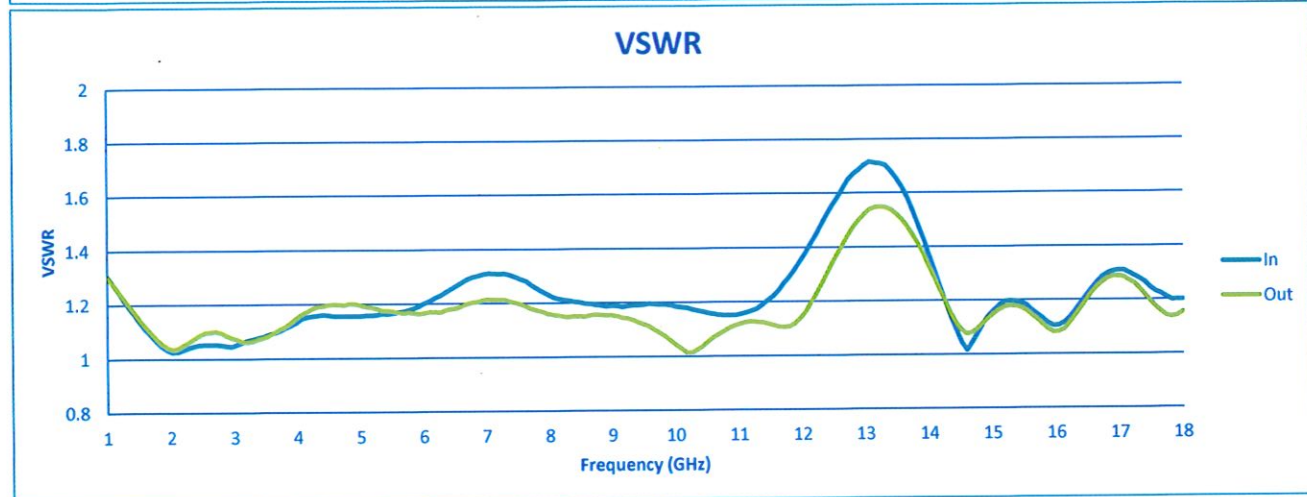
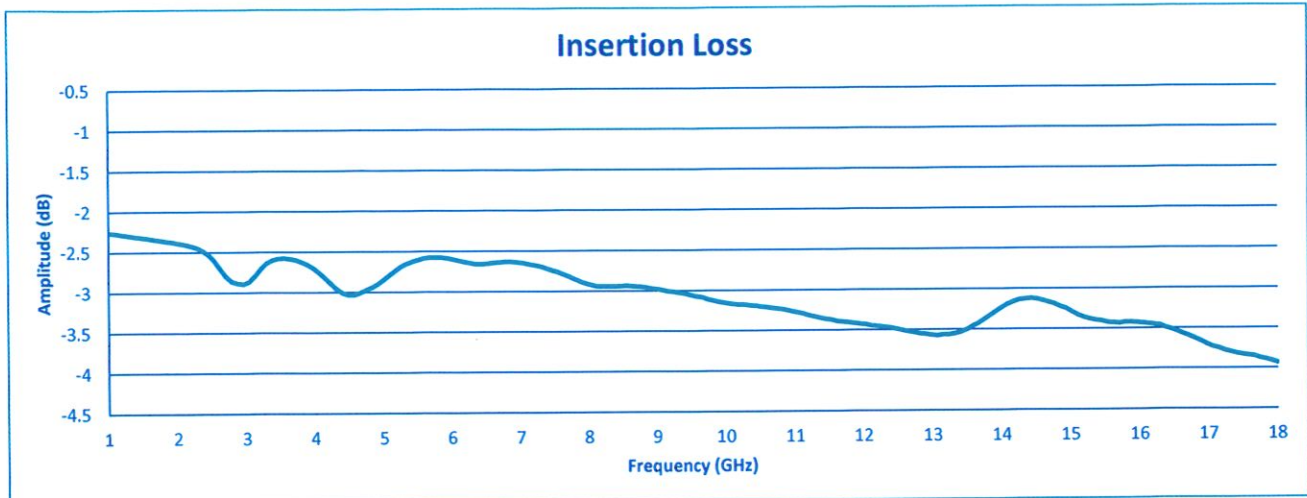
PMI
QA 2

Date: _____



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