

**SUMMARY TEST DATA  
ON  
DTA-0R5G18G-60-CD-1**

Customer: \_\_\_\_\_  
Job No: \_\_\_\_\_  
Model No: DTA-0R5G18G-60-CD-1  
Serial No: PL39391/2304

Tested By: K. Mansfield  
Date: Friday, January 27, 2023  
Temperature: +25° C  
Drawing No: 27617795 Rev: A3

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	RESULTS	QA QC	
1	Frequency Range:	0.5 GHz – 18 GHz	0.5 GHz – 18 GHz	PMI QA2	
2	Insertion Loss:	4.5 dB Max.	4.2 dB See Plot	PMI QA2	
3	VSWR:	2.0:1 Max.	1.9:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.48 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.76 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	2.34 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.6 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	1.17 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	1.77 dB See Plot		
11	Switching Speed:	1.0 us Max.	< 1.0 us See Typical Characteristics		
12	DC Supply:	+15VDC @ 150 mA Max.	116 mA		PMI QA2

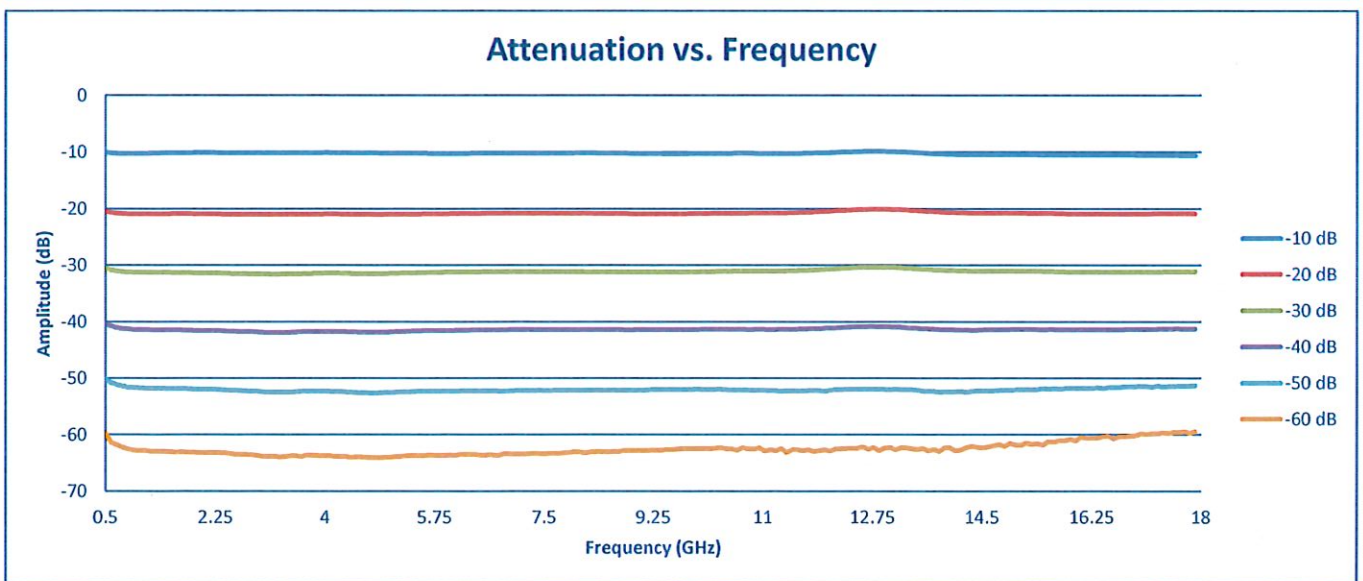
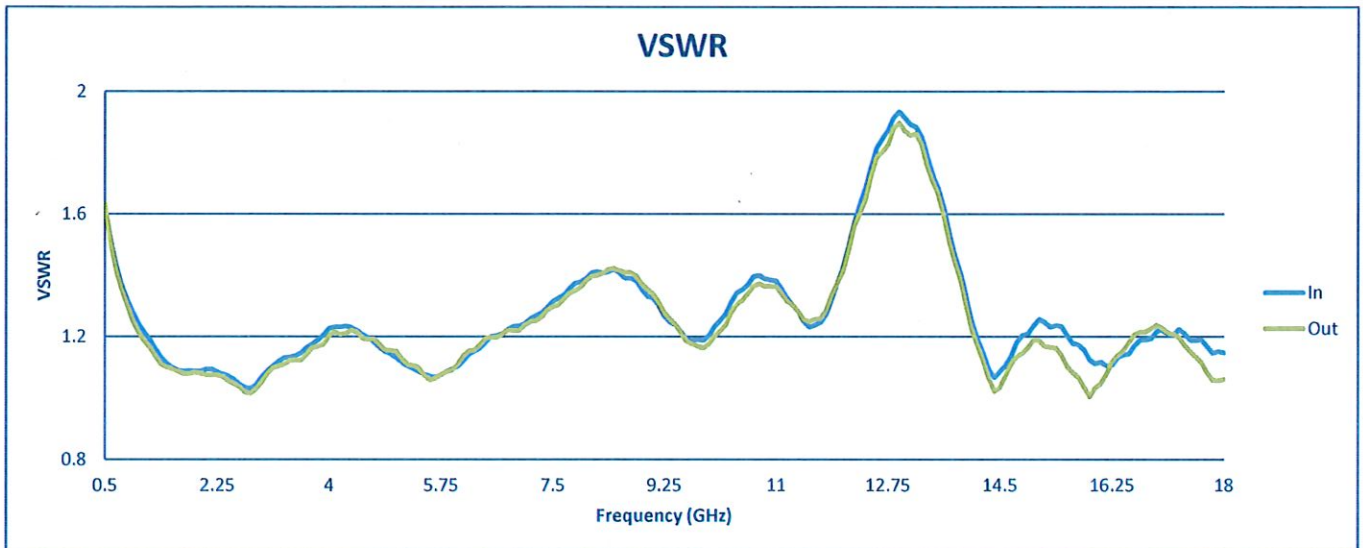
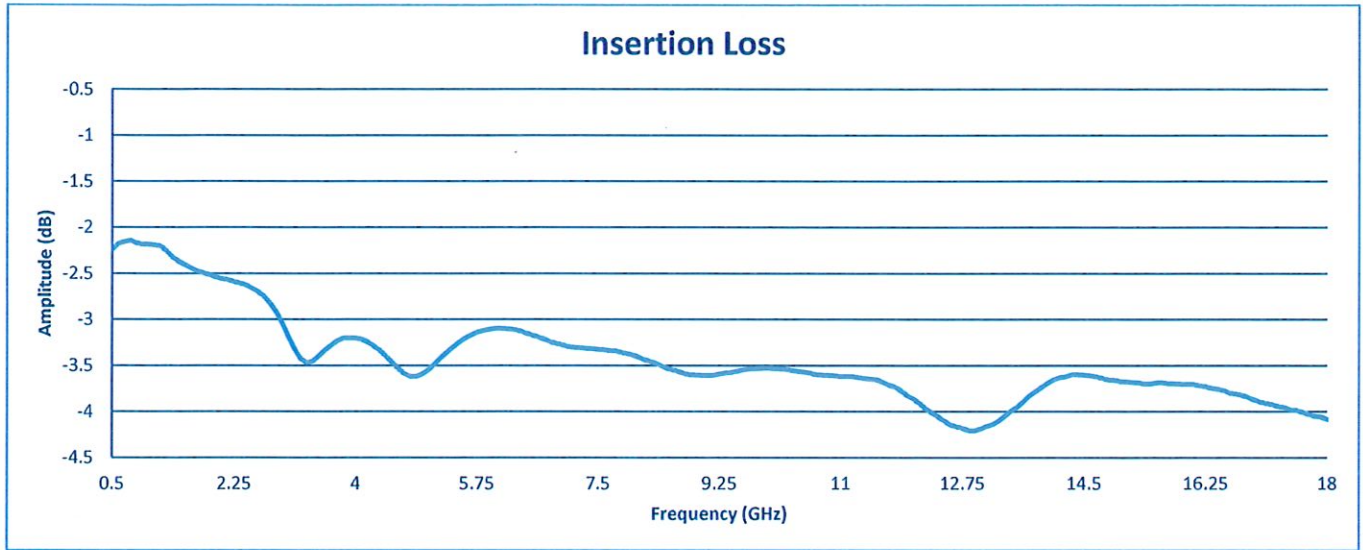
Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0625	0.07	-0.01	0.02
0.125	0.13	-0.01	0.03
0.25	0.26	-0.01	0.05
0.50	0.51	-0.01	0.06
1.00	1.02	-0.02	0.07
2.00	2.04	-0.04	0.13
4.00	4.09	-0.09	0.24
8.00	8.18	-0.18	0.33
16.00	16.46	-1.06	0.42
32.00	33.06	-1.06	0.65
62.00	63.72	-1.72	3.16
63.94	65.76	-1.82	3.65

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.10	-0.10	0.27
10.00	10.25	-0.25	0.36
15.00	15.36	-0.36	0.41
20.00	20.60	-0.60	0.48
25.00	25.76	-0.76	0.57
30.00	30.99	-0.99	0.62
35.00	36.11	-1.11	0.65
40.00	41.17	-1.17	0.76
45.00	46.29	-1.29	0.98
50.00	51.40	-1.40	1.24
55.00	56.52	-1.52	1.60
60.00	61.77	-1.77	2.34

QA/QC Approval: 

PMI  
QA2

Date: 1/27/2023



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