

**SUMMARY TEST DATA**  
**ON**  
**DTA-2G18G-60-12-CD-1-20DBM**

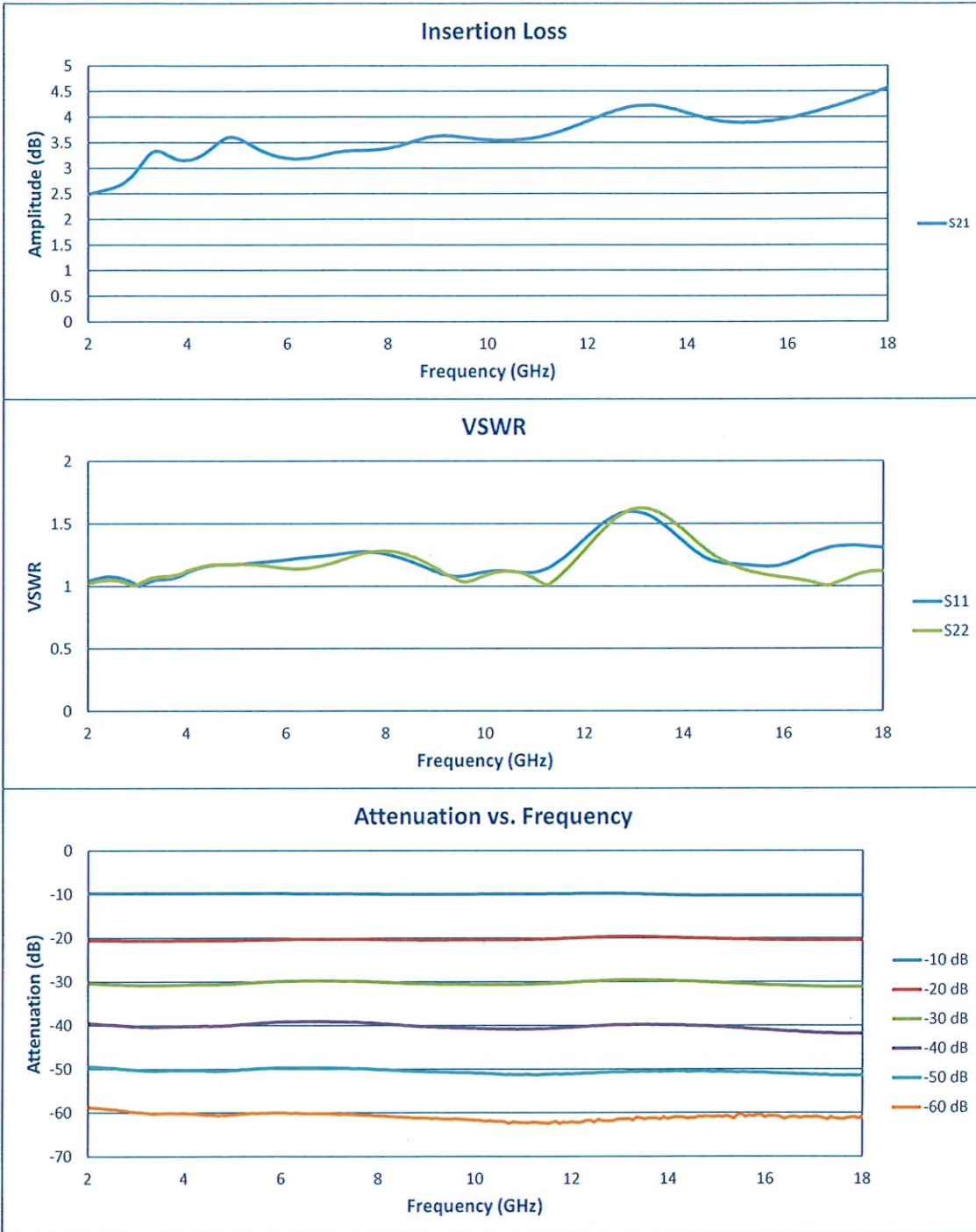
Customer: \_\_\_\_\_ Tested By: E. Kretz  
 Job No: \_\_\_\_\_ Date: Monday, October 21, 2024  
 Model No: DTA-2G18G-60-12-CD-1-20DBM Temperature: +25°C  
 Serial No: PL49604/2442 Drawing No: 27648840 Rev: A2

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE @ 25°C	PASS/FAIL	QA QC	
1	Frequency Range:	2 GHz – 18 GHz	2 GHz – 18 GHz	PMI QA2	
2	Insertion Loss:	4.8 dB Max.	4.6 dB		
3	VSWR:	2.0:1 Max.	1.63:1		
4	Flatness to 20 dB:	±1.0 dB Typ. ±1.5 dB Max.	±0.49 dB		
5	Flatness to 40 dB:	±1.25 dB Typ. ±1.75 dB Max.	±1.41 dB		
6	Flatness to 60 dB:	±3.0 dB Typ. ±5.0 dB Max.	±1.89 dB		
7	Accuracy of Attenuation 0 to 20 dB:	±1.0 dB Max.	+0.06 dB -0.14 dB		
8	Accuracy of Attenuation 20 to 40 dB:	±1.5 dB Max.	+0 dB -0.45 dB		
9	Accuracy of Attenuation 40 to 60 dB:	±2.0 dB Max.	+0 dB -0.54 dB		
10	DC Supply:	+15VDC @ 150 mA Max.	118 mA		PMI QA2

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
0.0156	0.0275	-0.01	0.01
0.0313	0.0465	-0.02	0.01
0.0625	0.0746	-0.01	0.01
0.125	0.136	-0.01	0.01
0.25	0.27	-0.02	0.02
0.50	0.53	-0.03	0.03
1.00	1.02	-0.02	0.09
2.00	2.00	0.00	0.19
4.00	3.98	0.02	0.34
8.00	7.94	0.06	0.37
16.00	16.08	-0.37	0.32
32.00	32.37	-0.37	0.85

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
5.00	4.97	0.03	0.38
10.00	9.99	0.01	0.25
15.00	14.97	0.03	0.29
20.00	20.14	-0.14	0.49
25.00	25.16	-0.16	0.64
30.00	30.34	-0.34	0.79
35.00	35.32	-0.32	1.07
40.00	40.45	-0.45	1.41
45.00	45.45	-0.45	1.00
50.00	50.46	-0.46	1.01
55.00	55.54	-0.54	1.42
60.00	60.52	-0.52	1.89

QA/QC Approval:  PMI QA2 Date: 10/30/2024



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