

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: PL49606/2442 Drawing No: 27648840 Rev: A2

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE @ 25°C	PASS/FAIL	QA QC PMI QA2
1	Frequency Range:	2 GHz – 18 GHz	2 GHz – 18 GHz	PMI QA2
2	Insertion Loss:	4.8 dB Max.	4.5 dB	
3	VSWR:	2.0:1 Max.	1.67:1	
4	Flatness to 20 dB:	±1.0 dB Typ. ±1.5 dB Max.	±0.53 dB	
5	Flatness to 40 dB:	±1.25 dB Typ. ±1.75 dB Max.	±1.73 dB	
6	Flatness to 60 dB:	±3.0 dB Typ. ±5.0 dB Max.	±2.26 dB	
7	Accuracy of Attenuation 0 to 20 dB:	±1.0 dB Max.	+0.15 dB -0.13 dB	
8	Accuracy of Attenuation 20 to 40 dB:	±1.5 dB Max.	+0 dB -1.47 dB	
9	Accuracy of Attenuation 40 to 60 dB:	±2.0 dB Max.	+0 dB -1.97 dB	
10	DC Supply:	+15VDC @ 150 mA Max.	118 mA	

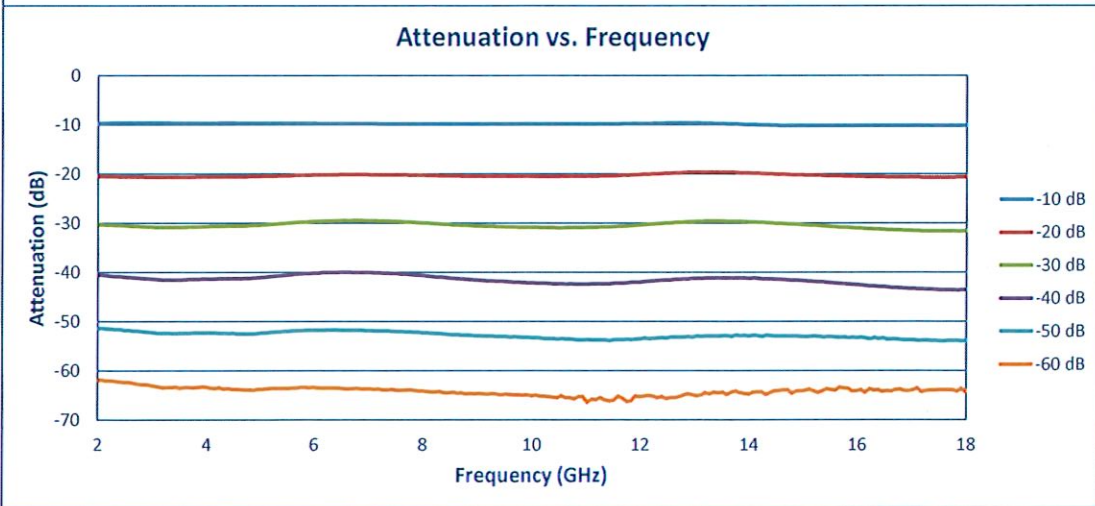
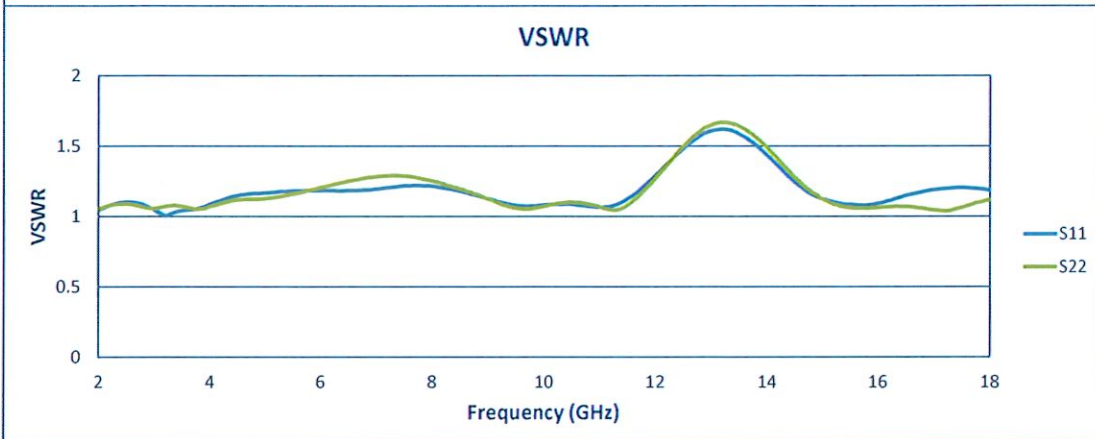
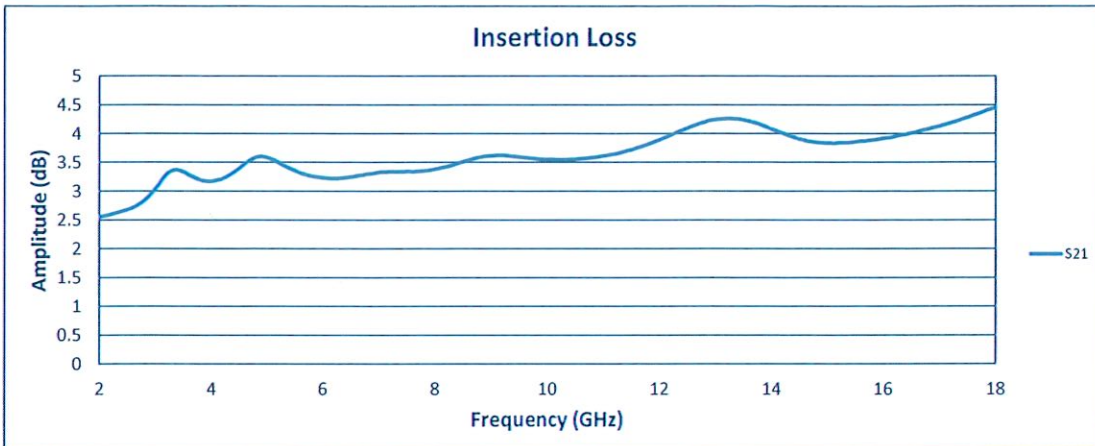
Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
0.0156	0.0272	-0.01	0.01
0.0313	0.0428	-0.01	0.01
0.0625	0.0722	-0.01	0.01
0.125	0.124	0.00	0.01
0.25	0.24	0.01	0.02
0.50	0.47	0.03	0.03
1.00	0.94	0.06	0.07
2.00	1.89	0.11	0.16
4.00	3.86	0.14	0.31
8.00	7.89	0.11	0.36
16.00	16.05	-0.99	0.42
32.00	32.99	-0.99	1.28

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
5.00	4.85	0.15	0.35
10.00	9.90	0.10	0.26
15.00	14.86	0.14	0.37
20.00	20.13	-0.13	0.53
25.00	25.29	-0.29	0.70
30.00	30.54	-0.54	1.08
35.00	36.24	-1.24	1.48
40.00	41.47	-1.47	1.73
45.00	46.33	-1.33	1.21
50.00	51.66	-1.66	1.30
55.00	56.90	-1.90	1.39
60.00	61.97	-1.97	2.26

QA/QC Approval: 

PMI QA2

Date: 10/30/2024



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