



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

Customer: _____
 Job No: _____
 Model No: DTA-2G18G-60-CD-2-OPT-1G18G-2
 Serial No: PL59279/2617

Tested By: K. Mansfield
 Date: Friday, April 24, 2026
 Temperature: +25° C
 Drawing No: 27623403 Rev: A2

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	RESULTS	QA QC
1	Frequency Range:	1 GHz - 18 GHz	1 GHz - 18 GHz	PMI QA5
2	Insertion Loss:	4.5 dB Max.	4.1 dB See Plot	
3	VSWR:	2.0:1 Max.	1.6:1 See Plot	
4	Flatness to 20 dB:	± 1.0 dB Max.	±0.43 dB See Plot	
5	Flatness to 40 dB:	± 1.5 dB Max.	±0.63 dB See Plot	
6	Flatness to 60 dB:	± 1.75 dB Max.	±1.44 dB See Plot	
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Max.	±0.2 dB See Plot	
8	Accuracy of Attenuation 20 to 40 dB:	± 1.0 dB Max.	±0.2 dB See Plot	
9	Accuracy of Attenuation 40 to 60 dB:	± 1.0 dB Max.	±0.43 dB See Plot	
10	Minimum Attenuation Step:	0.0625 dB	0.0645 dB	
11	Switching Speed:	0.75 µs Max. On 0.25 µs Max. Off	See Typical Characteristics	
12	DC Power Supply:	+15 VDC @ 160 mA Max.	109 mA	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0625	0.0645	0.00	0.01
0.125	0.125	0.00	0.02
0.25	0.26	-0.01	0.02
0.50	0.48	0.02	0.04
1.00	0.99	0.01	0.07
2.00	1.95	0.05	0.12
4.00	3.91	0.09	0.21
8.00	7.92	0.08	0.27
16.00	16.18	-0.12	0.31
32.00	32.12	-0.12	0.59
62.00	62.49	-0.49	1.84
63.94	64.99	-1.06	2.07

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.88	0.12	0.24
10.00	10.01	-0.01	0.24
15.00	15.08	-0.08	0.27
20.00	20.20	-0.20	0.43
25.00	25.11	-0.11	0.55
30.00	30.10	-0.10	0.61
35.00	35.04	-0.04	0.63
40.00	40.15	-0.15	0.58
45.00	45.12	-0.12	0.50
50.00	50.30	-0.30	0.59
55.00	55.23	-0.23	0.94
60.00	60.43	-0.43	1.44

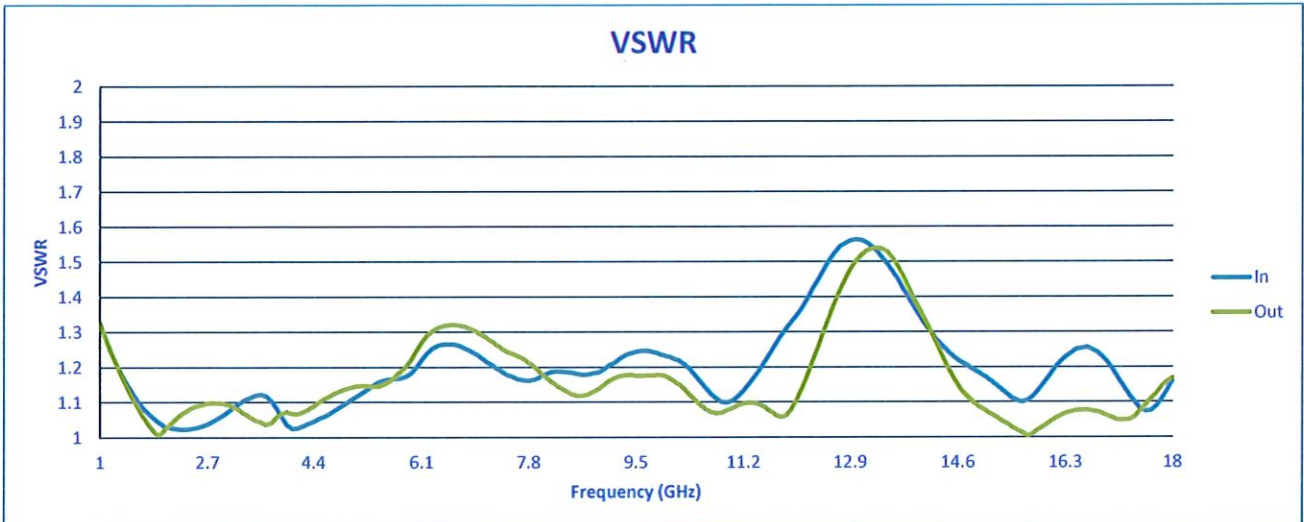
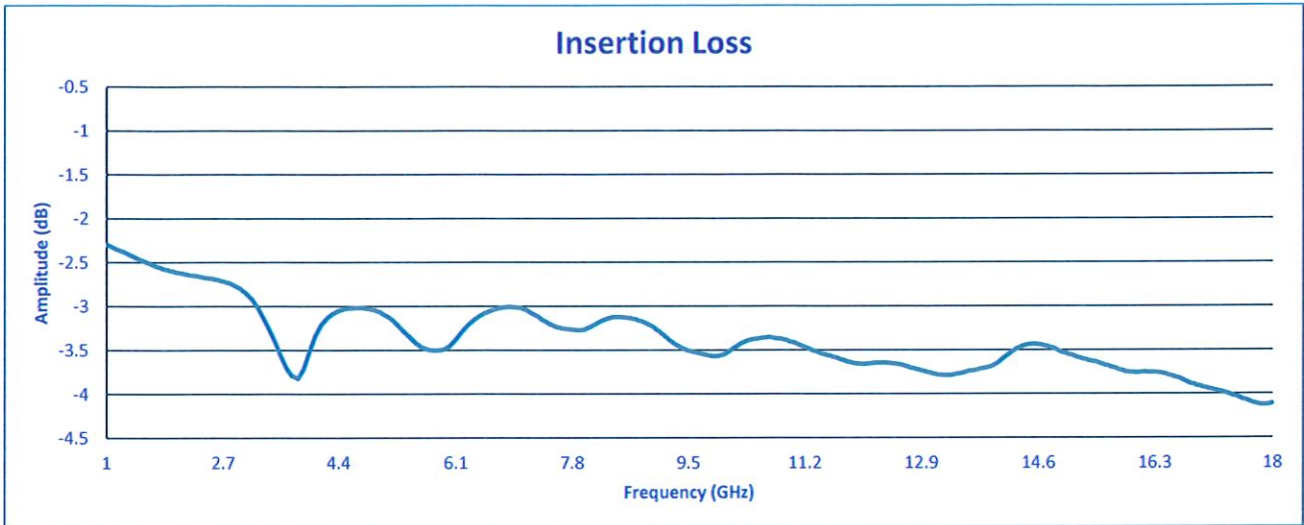
QA/QC Approval: *Jordan Reed*

Date: 4.24.26



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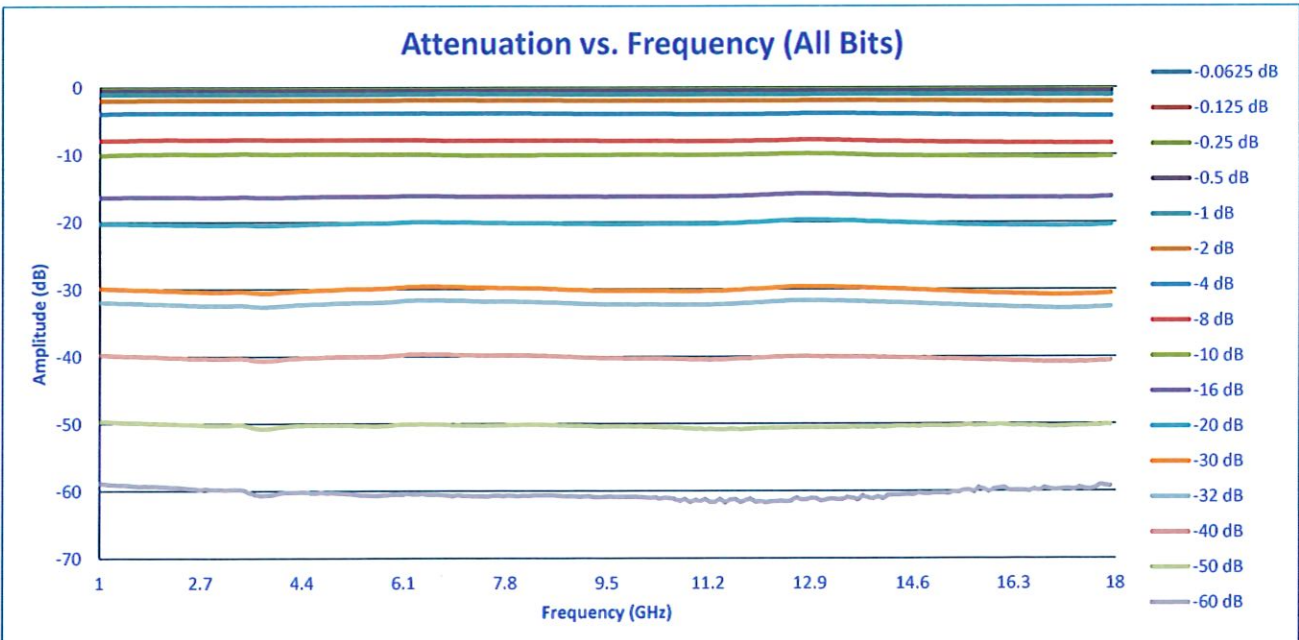
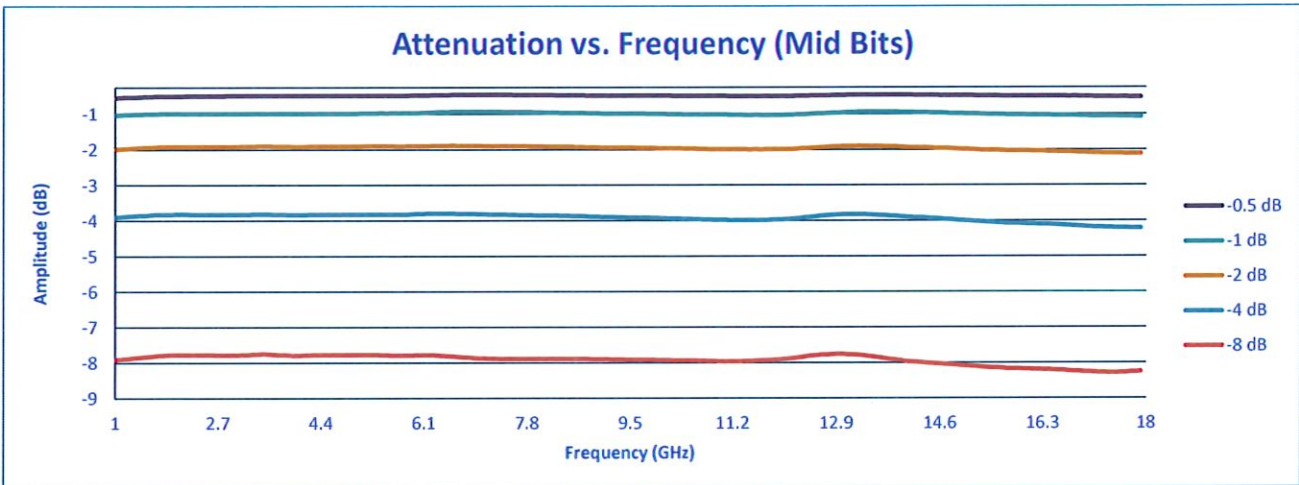
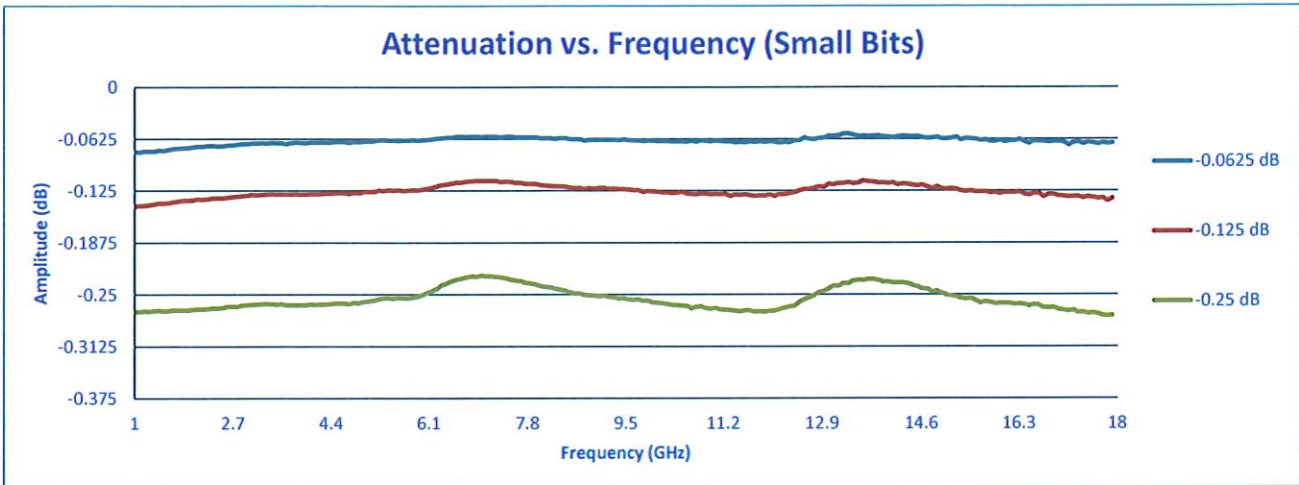
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