



# SUMMARY TEST DATA ON DTA-0R5G4G-60-CD-1

Customer: \_\_\_\_\_  
 Job No: \_\_\_\_\_  
 Model No: DTA-0R5G4G-60-CD-1  
 Serial No: PL41316/2328

Tested By: K. Mansfield  
 Temperature: +25°C  
 Date: Thursday, July 13, 2023  
 Drawing No: 27613131      Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	QA QC
1	Frequency Range:	0.5 GHz - 4 GHz	0.5 GHz - 4 GHz	PMI QA2
2	Insertion Loss:	2.7 dB Max.	2.7 dB See Graph	
3	VSWR:	1.8:1 Max.	1.7:1 See Graph	
4	Flatness up to 20dB:	± 0.5 dB Typ.	± 0.43 dB See Graph	
5	Flatness up to 40dB:	± 0.75 dB Typ.	± 1.3 dB See Ghaph	
6	Flatness up to 60dB:	± 1.0 dB Typ.	± 3.2 dB See Graph	
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	± 0.26 dB See Graph	
8	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	± 0.56 dB See Graph	
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	± 0.67 dB See Graph	
10	Switching Speed:	ON: 1.0 usec Max. OFF: 0.5 usec Max.	See Typical Characteristics	
11	DC Supply:	+15VDC @ 150 mA Max.	+15 VDC @ 121 mA -15 VDC @ 0 mA	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.06	0.07	-0.01	0.05
0.13	0.13	-0.01	0.06
0.25	0.25	0.00	0.07
0.50	0.50	0.00	0.07
1.00	0.98	0.02	0.08
2.00	1.97	0.03	0.08
4.00	3.97	0.03	0.11
8.00	7.89	0.11	0.18
16.00	15.74	0.26	0.34
32.00	31.44	0.56	0.85
62.00	60.91	1.09	3.44
63.94	63.13	0.80	3.74

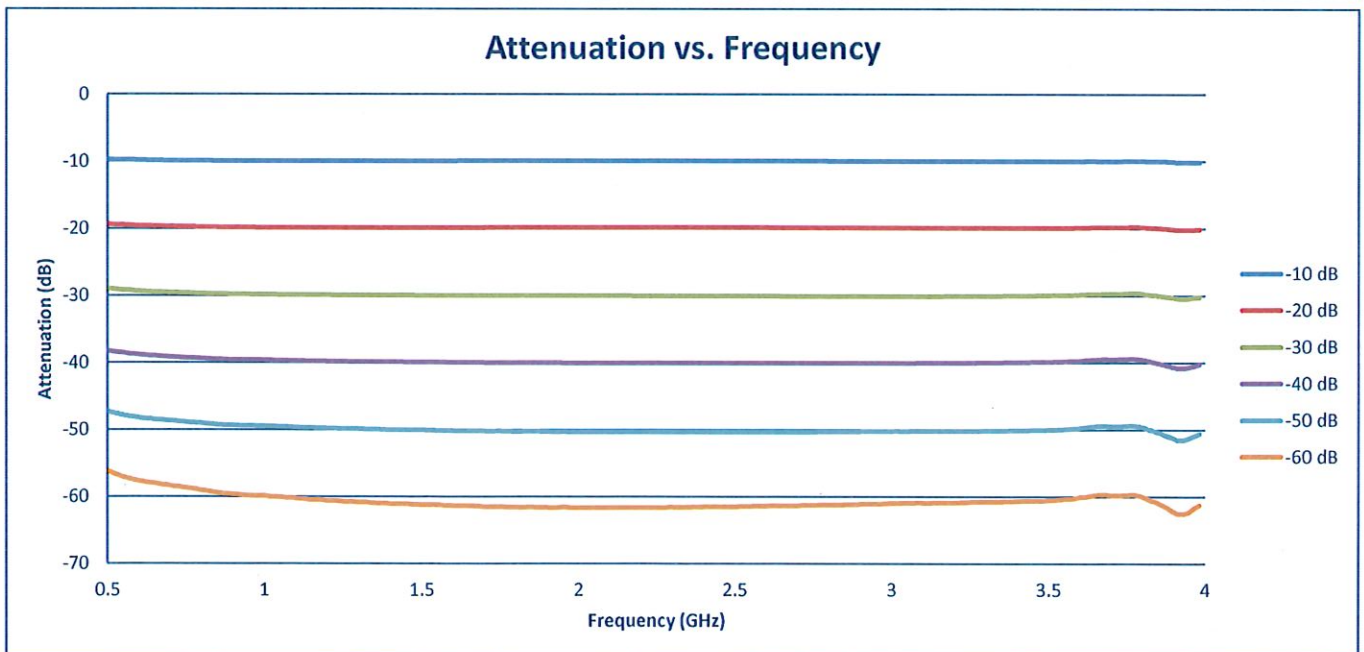
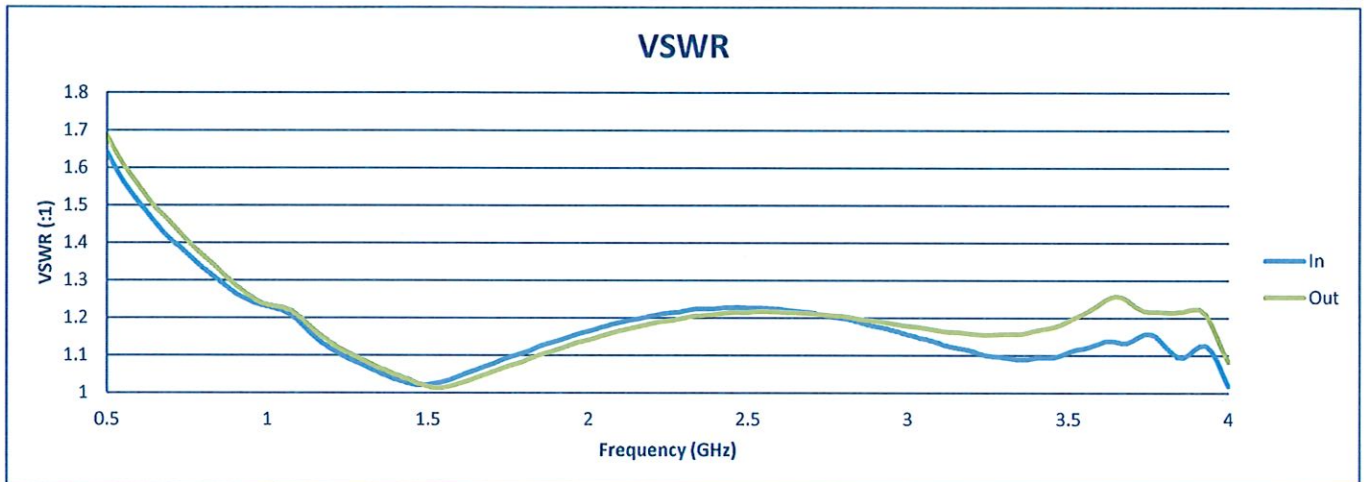
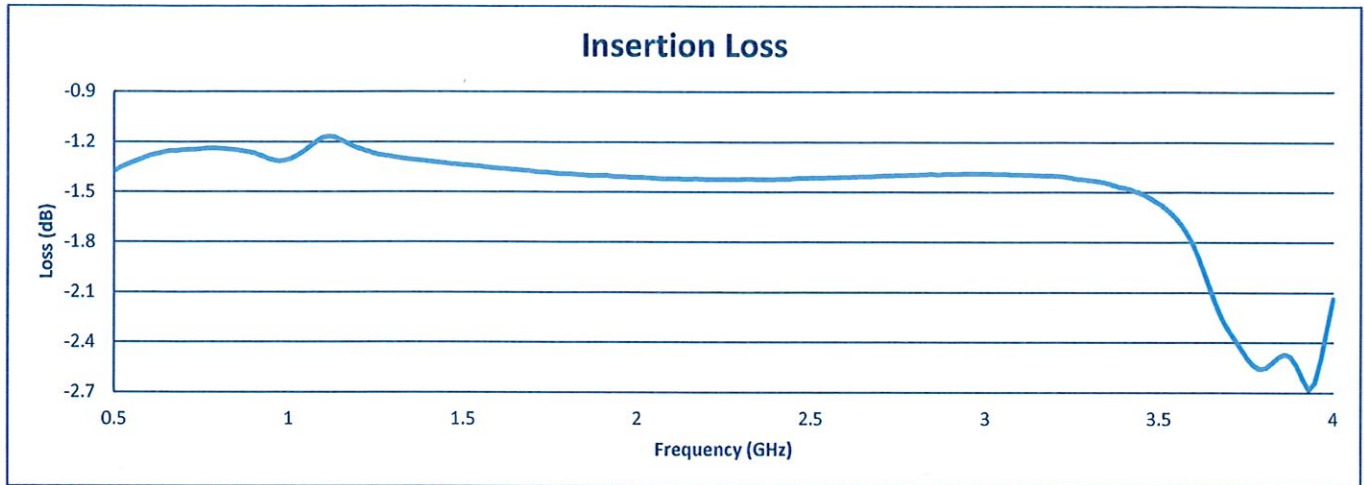
Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.91	0.09	0.10
10.00	9.92	0.08	0.21
15.00	14.81	0.19	0.31
20.00	19.79	0.21	0.43
25.00	24.74	0.26	0.57
30.00	29.68	0.32	0.76
35.00	34.57	0.43	1.00
40.00	39.52	0.48	1.30
45.00	44.44	0.56	1.67
50.00	49.42	0.58	2.12
55.00	54.42	0.58	2.64
60.00	59.33	0.67	3.20

QA/QC Approval: \_\_\_\_\_

*[Handwritten Signatures]*

PMI  
QA2

Date: 7/13/2023



**SUMMARY TEST DATA  
ON  
DTA-0R5G4G-60-CD-1**

