



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

Customer: _____ Tested By: K. Mansfield
 Job No: _____ Temperature: +25°C
 Model No: DTA-0R5G4G-60-CD-1 Date: Thursday, July 13, 2023
 Serial No: PL 41322/2328 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.	2.6 dB See Graph		
3	VSWR:	1.8:1 Max.	1.7:1 See Graph		
4	Flatness up to 20dB:	± 0.5 dB Typ.	± 0.39 dB See Graph		
5	Flatness up to 40dB:	± 0.75 dB Typ.	± 1.18 dB See Ghaph		
6	Flatness up to 60dB:	± 1.0 dB Typ.	± 2.84 dB See Graph		
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	± 0.12 dB See Graph		
8	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	± 0.31 dB See Graph		
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	± 0.64 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 @ 120 mA -15 VDC @ 0 mA		PMI QA2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.06	0.06	0.00	0.02
0.13	0.12	0.00	0.03
0.25	0.25	0.00	0.04
0.50	0.49	0.01	0.05
1.00	0.99	0.01	0.05
2.00	1.99	0.01	0.05
4.00	3.98	0.02	0.07
8.00	7.96	0.04	0.14
16.00	15.88	0.12	0.28
32.00	31.69	0.31	0.79
62.00	61.13	0.87	3.26
63.94	63.31	0.62	3.77

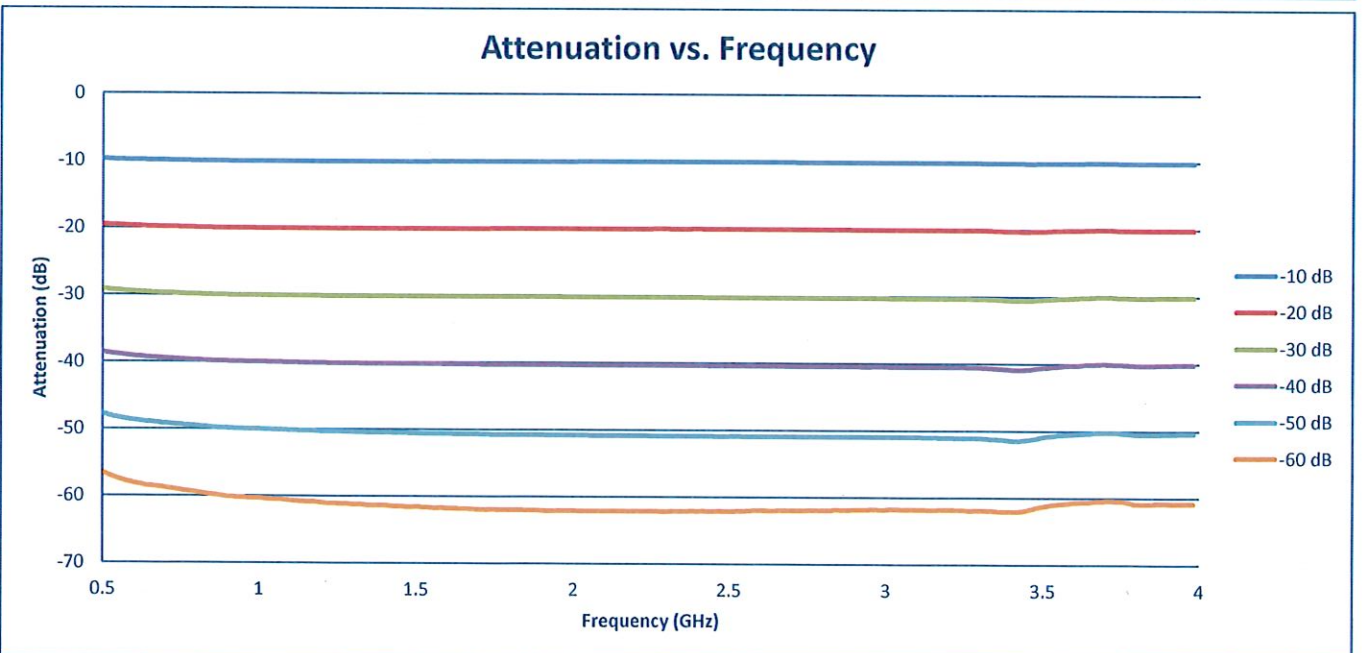
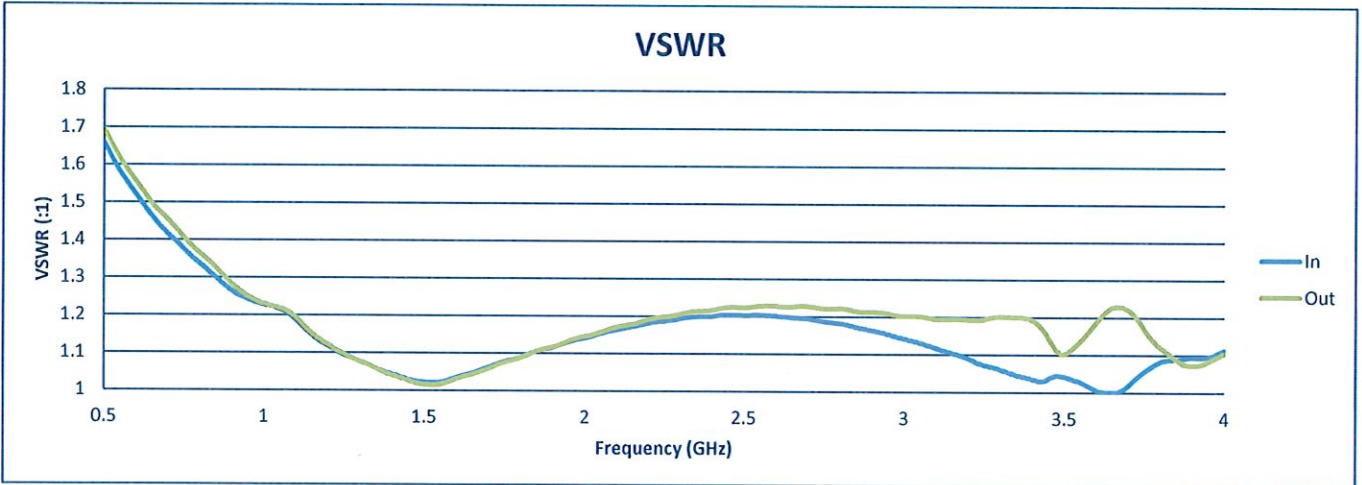
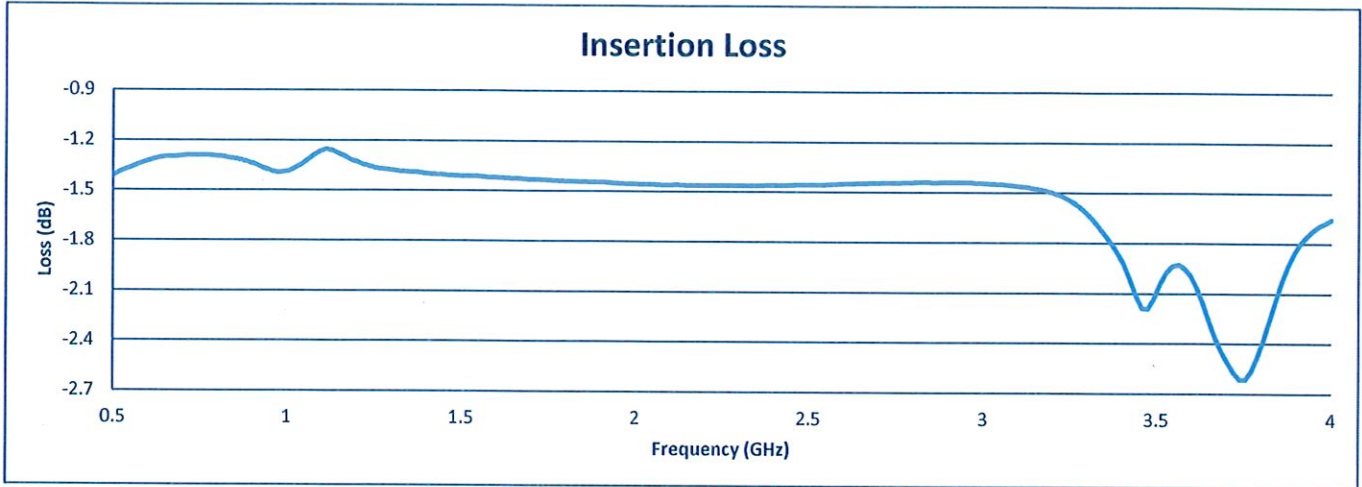
Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.93	0.07	0.08
10.00	9.98	0.02	0.18
15.00	14.90	0.10	0.26
20.00	19.91	0.09	0.39
25.00	24.85	0.15	0.53
30.00	29.83	0.17	0.72
35.00	34.76	0.24	0.92
40.00	39.72	0.28	1.18
45.00	44.65	0.35	1.49
50.00	49.63	0.37	1.87
55.00	54.36	0.64	2.28
60.00	59.37	0.63	2.84

QA/QC Approval: _____

[Handwritten Signature]

PMI
QA2

Date: 7/13/2023



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

