



# 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: Friday, May 6, 2022

Serial No: PL36501/2219

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 QA 2	
2	Insertion Loss:	2.7 dB Max.	1.8 dB See Graph		
3	VSWR:	1.8:1 Max.	1.4:1 See Graph		
4	Flatness up to 20dB:	± 0.5 dB Typ.	± 0.35 dB See Graph		
5	Flatness up to 40dB:	± 0.75 dB Typ.	± 1.4 dB See Graph		
6	Flatness up to 60dB:	± 1.0 dB Typ.	± 3.85 dB See Graph		
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	± 0.69 dB See Graph		
8	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	± 0.87 dB See Graph		
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	± 1.07 dB See Graph		
10	Switching Speed:	ON: 1.0 usec Max. OFF: 0.5 usec Max.	See Typical Characteristics		
11	DC Supply:	+15VDC @ 100 mA -15VDC @ 80 mA	+15 VDC @ 58 mA -15 VDC @ 58 mA		PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.06	0.02	0.05	0.00
0.13	0.03	0.09	0.00
0.25	0.08	0.17	0.01
0.50	0.16	0.34	0.01
1.00	0.39	0.61	0.03
2.00	1.31	0.69	0.03
4.00	3.82	0.18	0.03
8.00	8.17	-0.17	0.11
16.00	16.02	-0.02	0.27
32.00	32.60	-0.60	0.79
62.00	60.57	1.43	4.14
63.94	61.79	2.15	4.35

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.03	-0.03	0.05
10.00	10.13	-0.13	0.15
15.00	15.03	-0.03	0.25
20.00	20.19	-0.19	0.35
25.00	25.50	-0.50	0.49
30.00	30.63	-0.63	0.69
35.00	35.48	-0.48	0.94
40.00	40.87	-0.87	1.40
45.00	46.07	-1.07	1.99
50.00	50.75	-0.75	2.59
55.00	55.04	-0.04	3.22
60.00	59.01	0.99	3.85

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

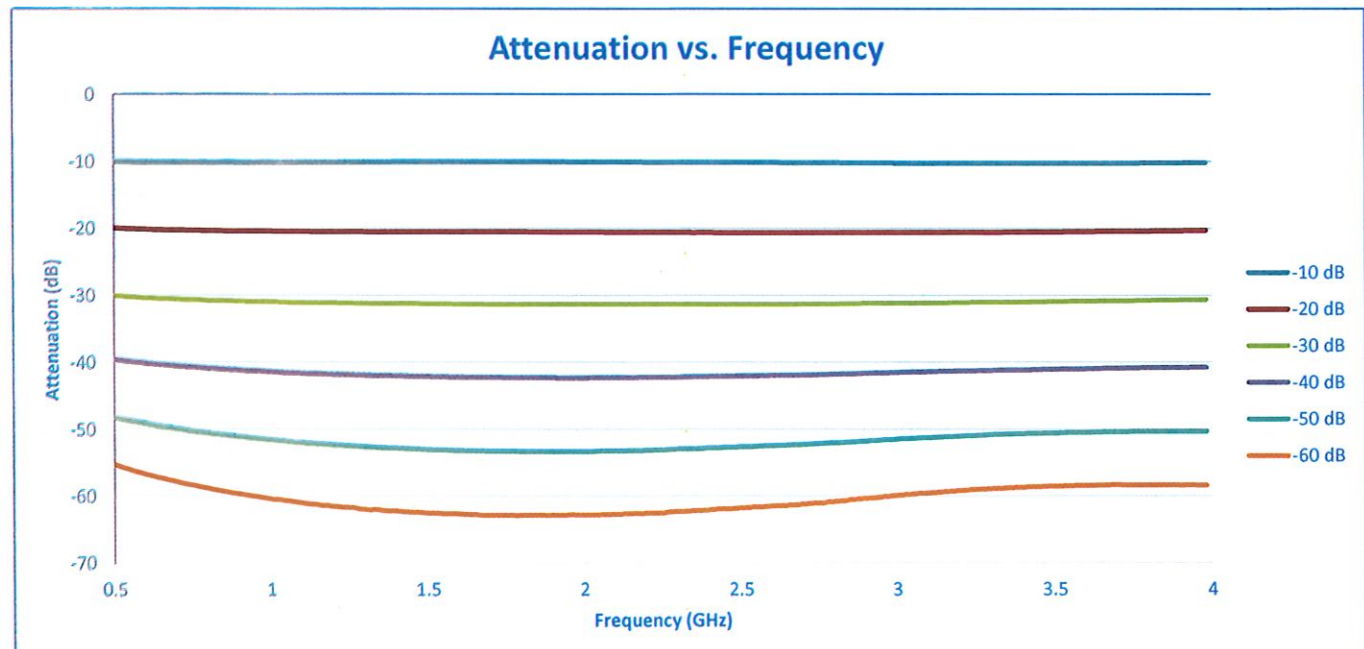
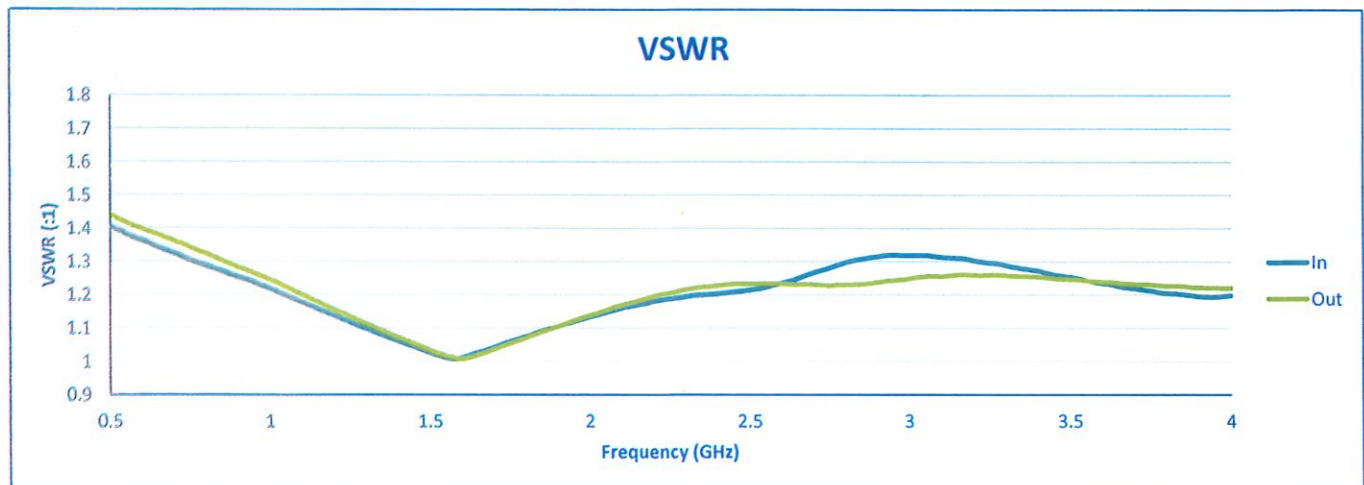
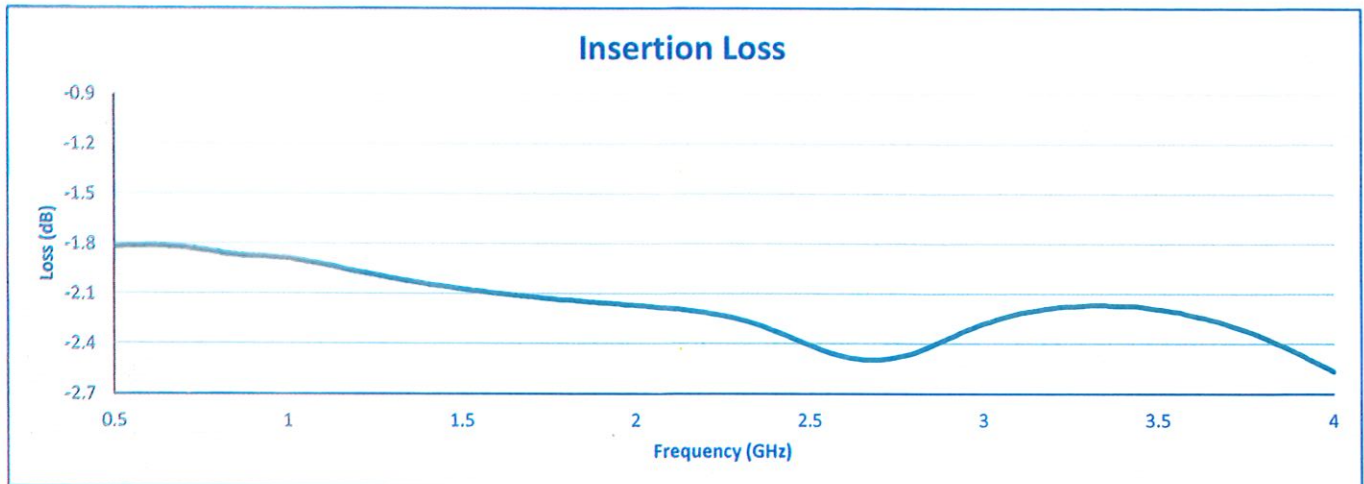
PMI  
QA 2

Date: 5/10/2022



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