



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

Customer: _____
 Job No: _____
 Model No: DTA-0R5G4G-60-CD-1
 Serial No: PI 41319/2328

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.	2.4 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.	± 1.25 dB See Graph		
6	Flatness up to 60dB:	± 1.0 dB Typ.	± 3.37 dB See Graph		
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	± 0.13 dB See Graph		
8	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	± 0.13 dB See Graph		
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	± 0.26 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 @ 115 mA -15 VDC @ 0 mA		PMI QA2

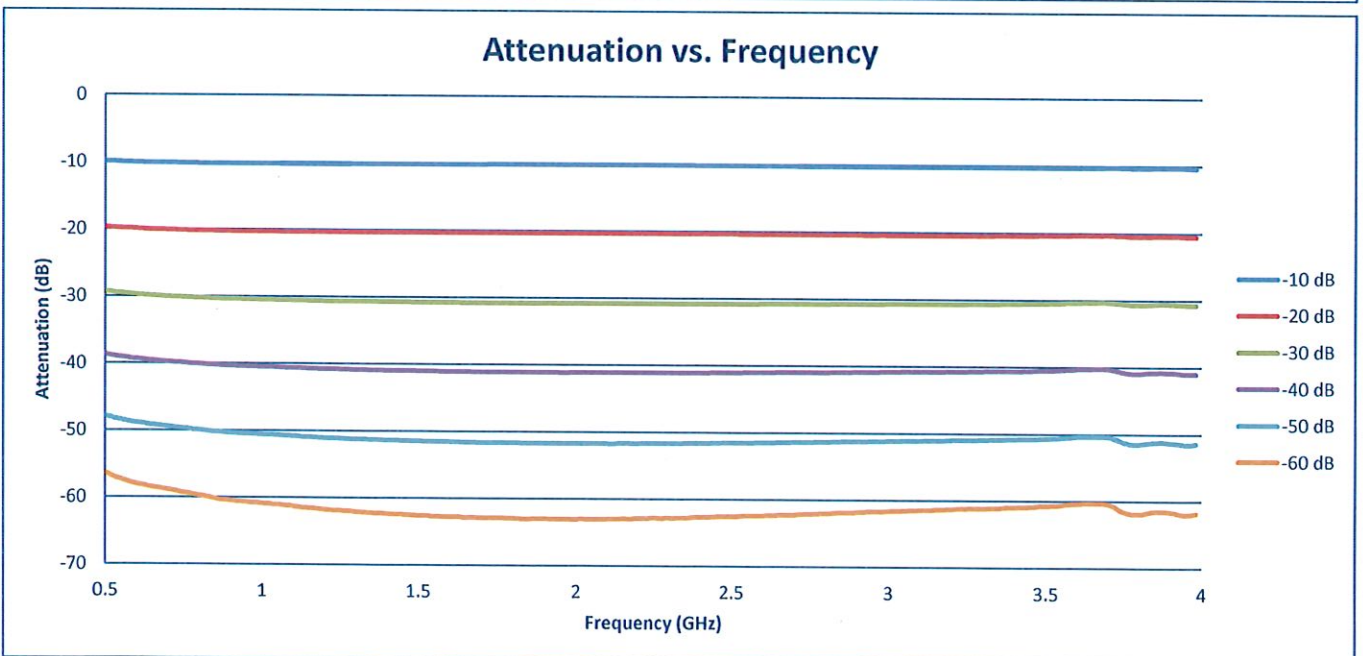
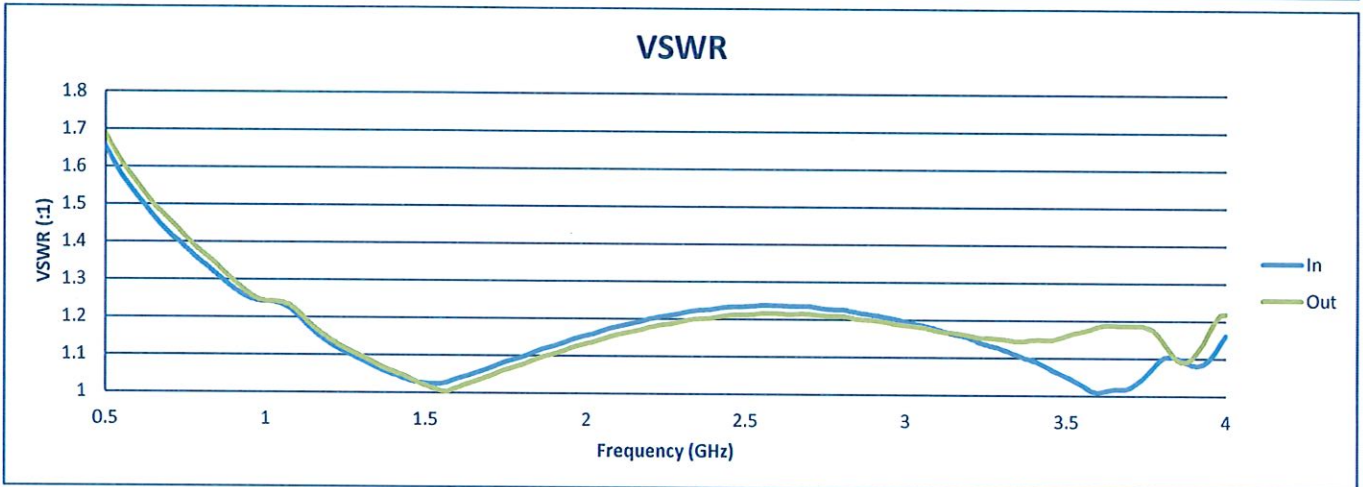
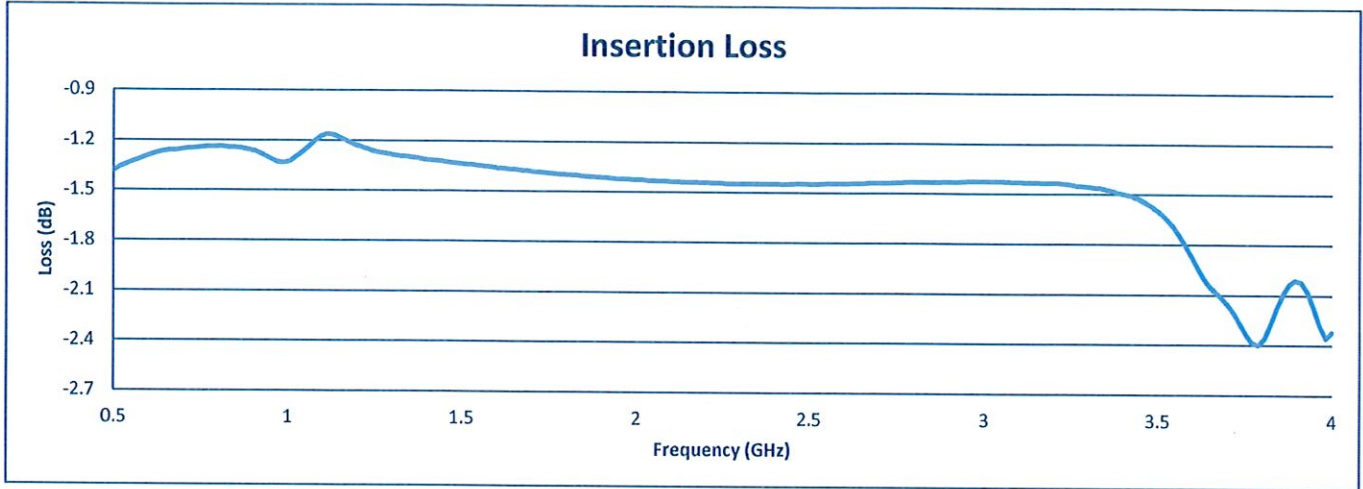
Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.06	0.05	0.02	0.04
0.13	0.10	0.02	0.05
0.25	0.24	0.01	0.07
0.50	0.49	0.01	0.07
1.00	0.99	0.01	0.08
2.00	2.02	-0.02	0.07
4.00	4.07	-0.07	0.09
8.00	8.09	-0.09	0.19
16.00	16.09	-0.09	0.33
32.00	31.89	0.11	0.86
62.00	61.41	0.59	3.75
63.94	63.66	0.28	4.38

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.04	-0.04	0.10
10.00	10.13	-0.13	0.22
15.00	15.10	-0.10	0.31
20.00	20.13	-0.13	0.43
25.00	25.09	-0.09	0.56
30.00	30.04	-0.04	0.78
35.00	34.96	0.04	0.97
40.00	39.92	0.08	1.25
45.00	44.84	0.16	1.58
50.00	49.80	0.20	1.97
55.00	54.85	0.15	2.62
60.00	59.74	0.26	3.37

QA/QC Approval:

PMI
QA2

Date: 7/13/2023



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ON
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