



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

Customer: _____
 Job No: _____
 Model No: DTA-0R5G4G-60-CD-1
 Serial No: PL36499/2219

Tested By: K. Mansfield
 Temperature: +25°C
 Date: Friday, May 6, 2022
 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.	2 dB See Graph		
3	VSWR:	1.8:1 Max.	1.5:1 See Graph		
4	Flatness up to 20dB:	± 0.5 dB Typ.	± 0.21 dB See Graph		
5	Flatness up to 40dB:	± 0.75 dB Typ.	± 0.76 dB See Graph		
6	Flatness up to 60dB:	± 1.0 dB Typ.	± 1.98 dB See Graph		
7	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	± 1.23 dB See Graph		
8	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	± 1.58 dB See Graph		
9	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	± 1.45 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 @ 55 mA -15 VDC @ 51 mA		PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.06	0.00	0.06	0.00
0.13	0.00	0.12	0.00
0.25	0.07	0.18	0.01
0.50	0.14	0.36	0.01
1.00	0.34	0.66	0.03
2.00	1.12	0.88	0.04
4.00	3.49	0.51	0.04
8.00	8.05	-0.05	0.05
16.00	16.74	-0.74	0.15
32.00	33.42	-1.42	0.47
62.00	60.69	1.31	2.22
63.94	62.48	1.46	2.39

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.75	0.25	0.04
10.00	10.20	-0.20	0.08
15.00	15.66	-0.66	0.14
20.00	21.23	-1.23	0.21
25.00	26.58	-1.58	0.30
30.00	31.56	-1.56	0.41
35.00	36.25	-1.25	0.56
40.00	40.74	-0.74	0.76
45.00	45.08	-0.08	0.98
50.00	49.29	0.71	1.22
55.00	53.55	1.45	1.52
60.00	58.67	1.33	1.98

QA/QC Approval: 

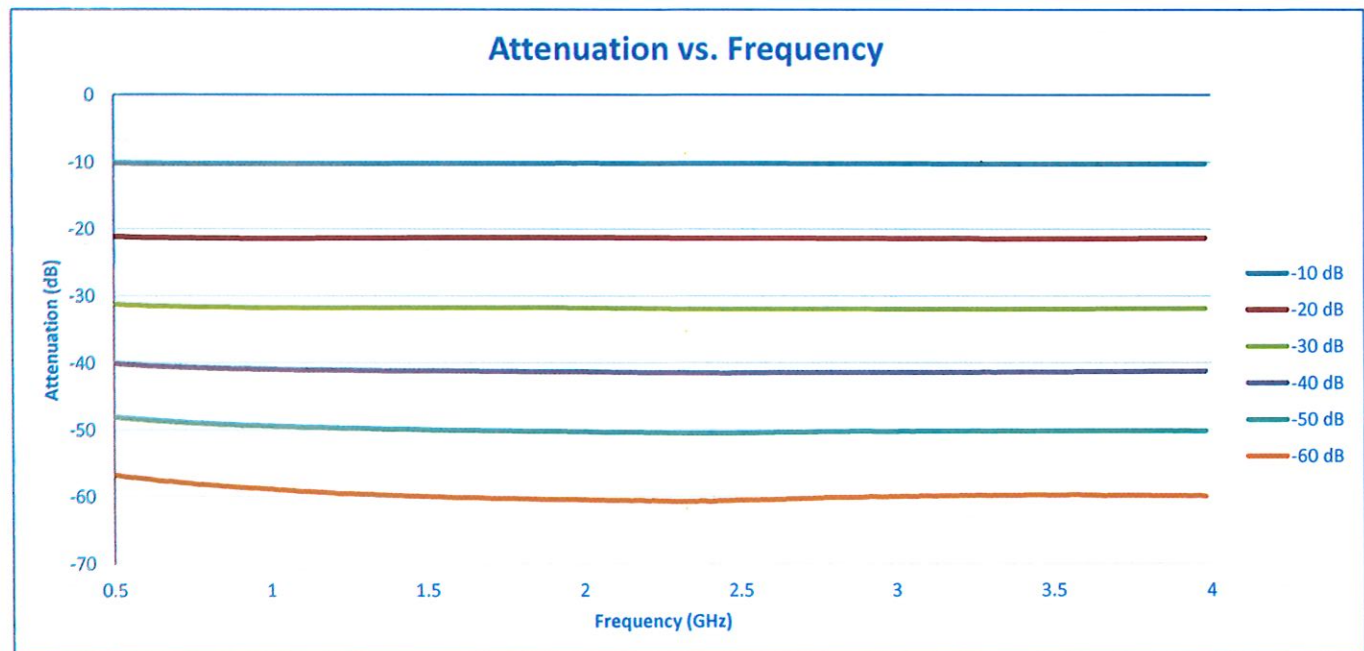
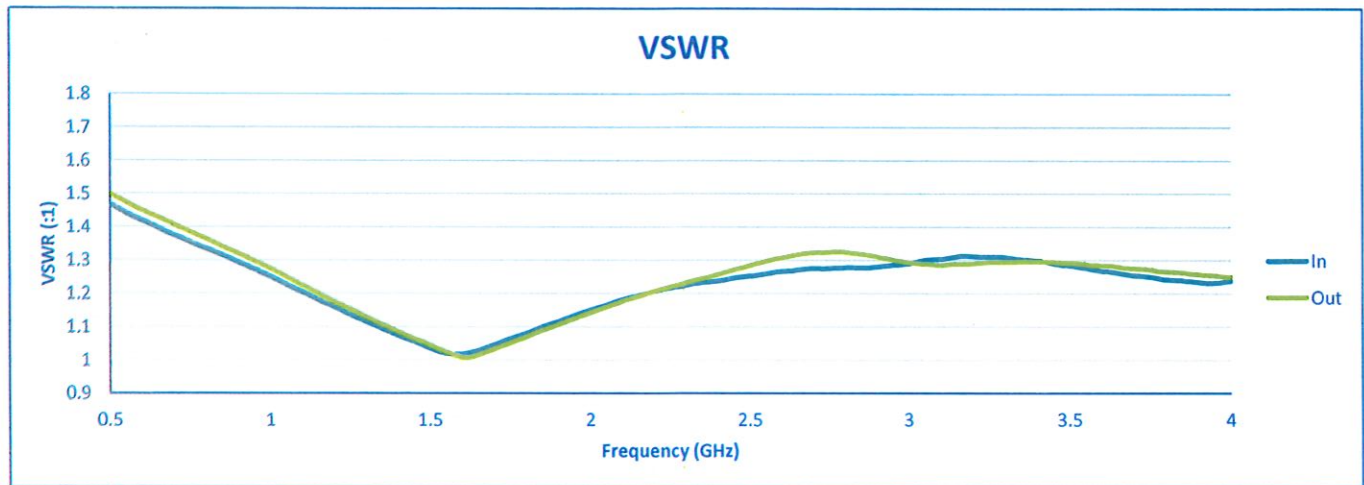
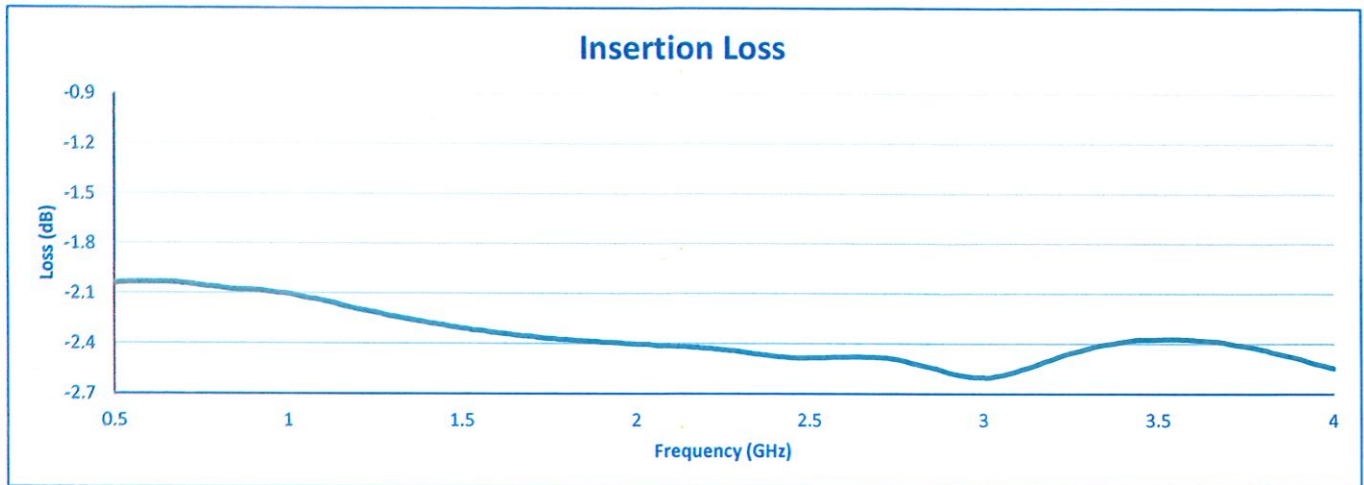
PMI
QA 2

Date: 5/10/2022



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