

SUMMARY TEST DATA ON DTA-0R5G18G-60-CD-1

Customer: _____
 SO No: _____
 Model No: DTA-0R5G18G-60-CD-1
 Serial No: 24023
 Part No: _____

Tested By: K. Mansfield
 Temperature: +25° C
 Date: 10/20/2022
 Drawing No: 27617783 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	0.5 GHz – 18 GHz	0.5 GHz – 18 GHz	PMI QA2	
2	Insertion Loss:	4.5 dB Max.	4.2 dB See Plot		
3	VSWR:	2.0:1 Max.	1.8:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.4 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.59 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.45 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.09 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.24 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.47 dB See Plot		
11	Switching Speed:	1.0 us Max.	< 1.0 us See Typical Characteristics		
12	DC Supply:	+15VDC @ 150 mA Max.	116 mA		PMI QA2

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
0.0625	0.07	0.00	0.02
0.125	0.13	0.00	0.03
0.25	0.25	0.00	0.05
0.50	0.50	0.00	0.07
1.00	1.01	-0.01	0.07
2.00	2.02	-0.02	0.10
4.00	4.05	-0.05	0.18
8.00	8.09	-0.09	0.23
16.00	16.04	0.17	0.35
32.00	31.83	0.17	0.54
62.00	61.35	0.65	1.93
63.94	63.36	0.58	2.46

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
5.00	5.04	-0.04	0.20
10.00	10.09	-0.09	0.25
15.00	15.00	0.00	0.33
20.00	19.99	0.01	0.40
25.00	24.92	0.08	0.49
30.00	29.88	0.12	0.53
35.00	34.82	0.18	0.59
40.00	39.76	0.24	0.58
45.00	44.75	0.25	0.58
50.00	49.72	0.28	0.73
55.00	54.63	0.37	0.92
60.00	59.53	0.47	1.45

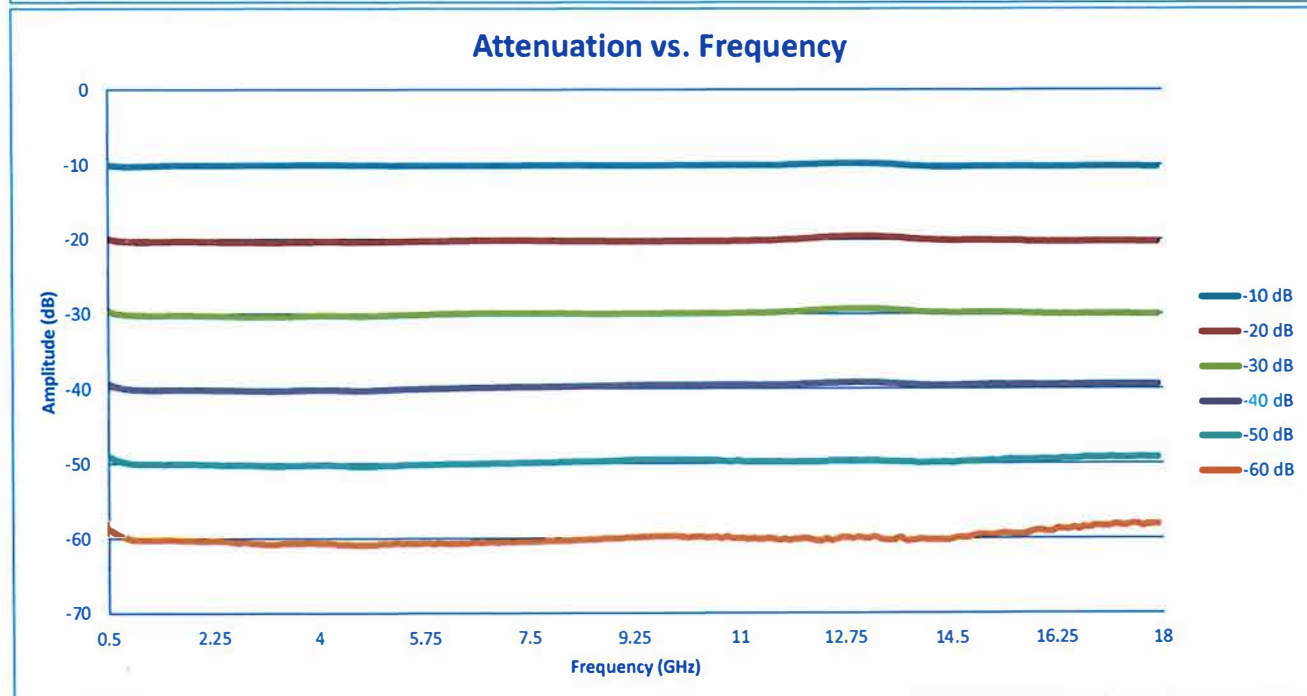
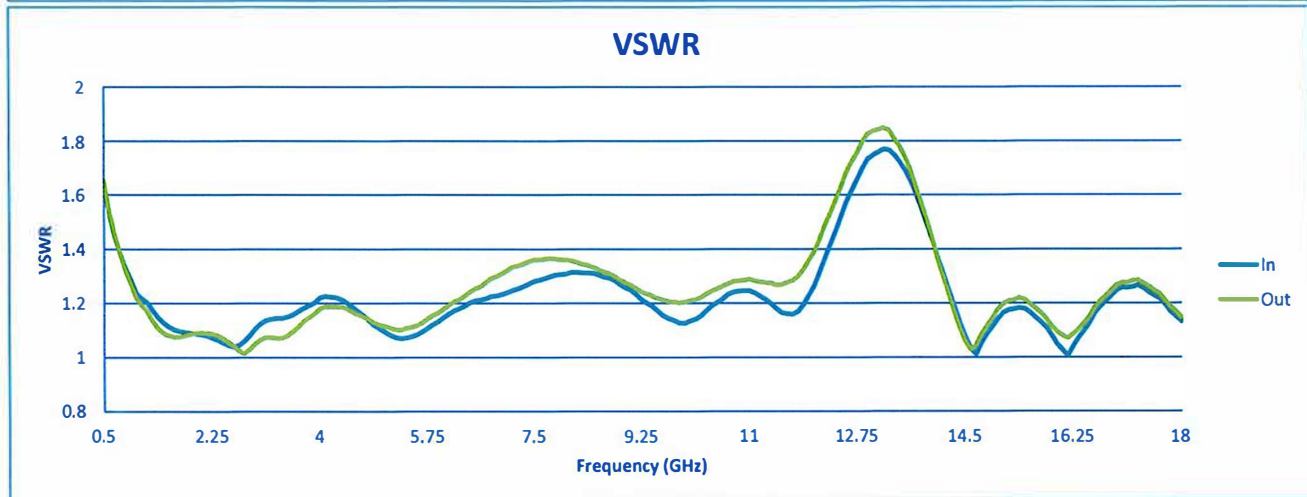
QA/QC Approval:

PMI
QA2

Date: 10/21/2022

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24023



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