



SUMMARY TEST DATA ON DTA-2G18G-60-CD-2-OPT-1G18G

Customer: _____
 Job No: _____
 Model No: DTA-2G18G-60-CD-2-OPT-1G18G
 Serial No: PL21391/1729

Tested By: K. Mansfield
 Date: Thursday, January 25, 2018
 Temperature: +25° C
 Drawing No: 27620404 Rev: A2

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC	
1	Frequency Range:	1 GHz – 18 GHz	1 GHz – 18 GHz	PM QA 1	
2	Insertion Loss:	4.5 dB Max.	4.5 dB See Plot		
3	VSWR:	2.0:1 Max.	1.6:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.37 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.61 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	2.32 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.18 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.11 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.15 dB See Plot		
11	Switching Speed:	1.0 us Max.	0.7 us See Typical Characteristics		
12	DC Supply:	+12VDC @ 155 mA	109 mA		PM QA 1

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	0.29	-0.04	0.07
0.50	0.50	0.00	0.07
1.00	1.01	-0.01	0.07
2.00	1.98	0.02	0.09
4.00	4.02	-0.02	0.16
8.00	7.98	0.02	0.21
16.00	15.97	0.03	0.27
32.00	31.96	0.04	0.57
63.75	63.67	0.08	2.72

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.96	0.04	0.17
10.00	9.98	0.02	0.23
15.00	14.91	0.09	0.26
20.00	19.97	0.03	0.37
25.00	24.96	0.04	0.47
30.00	29.97	0.03	0.54
35.00	34.89	0.11	0.60
40.00	39.94	0.06	0.61
45.00	44.88	0.12	1.03
50.00	49.94	0.06	1.23
55.00	54.95	0.05	1.64
60.00	59.94	0.06	2.27

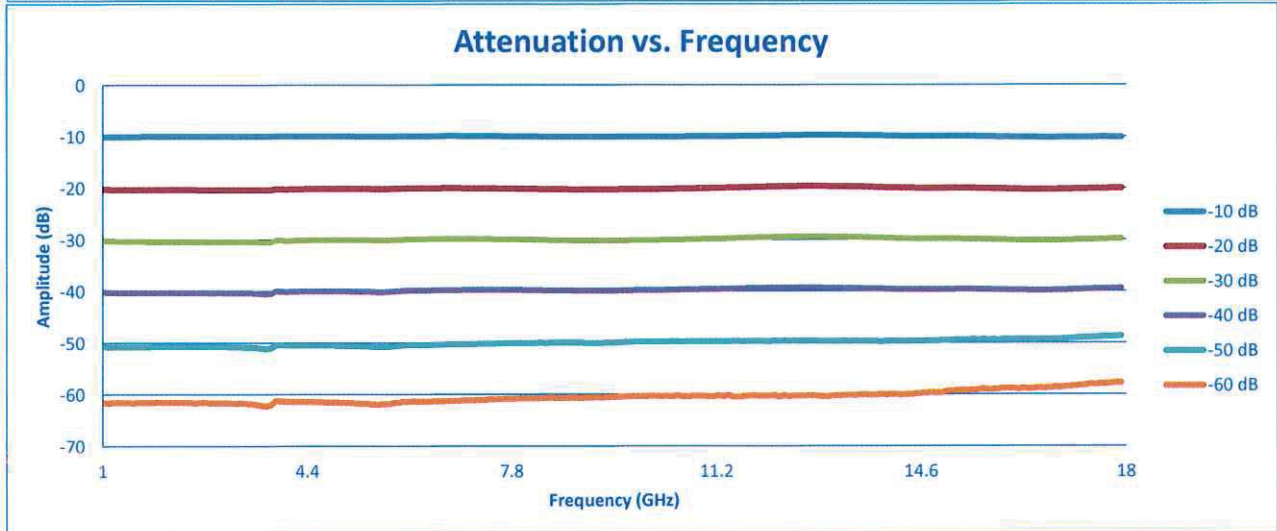
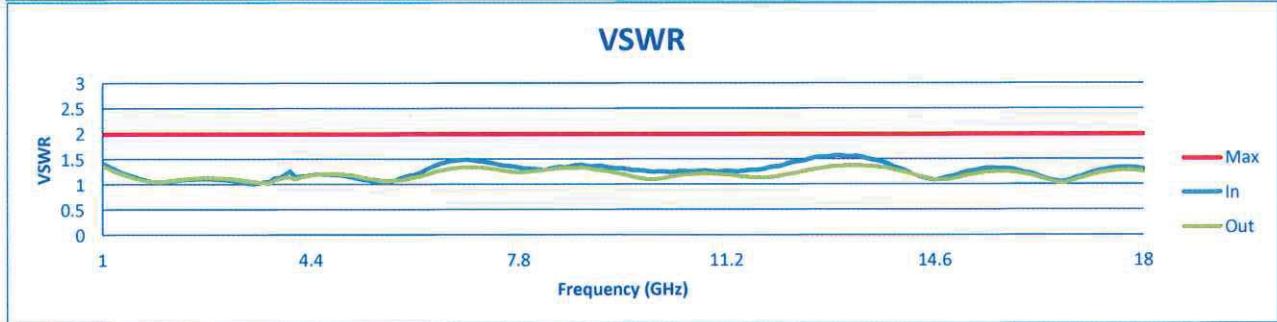
QA/QC Approval: *[Signature]*

Date: 1/29/18



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