



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: PL21522/1735

Tested By: E. Kretz
 Date: Tuesday, August 29, 2017
 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	PMI QA 2
2	Insertion Loss:	4.5 dB Max.	4.4 dB See Plot	
3	VSWR:	2.0:1 Max.	1.6:1 See Plot	
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.58 dB See Plot	
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.89 dB See Plot	
7	Flatness to 60 dB:	± 3.0 dB Typ.	2.62 dB See Plot	
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.07 dB See Plot	
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.12 dB See Plot	
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.76 dB See Plot	
11	Switching Speed:	1.0 us Max.	0.7 us See Typical Characteristics	
12	DC Supply:	+12VDC @ 155 mA	109 mA	PMI QA 2

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.25	0.26	-0.01	0.03
0.50	0.51	-0.01	0.05
1.00	1.01	-0.01	0.08
2.00	2.02	-0.02	0.12
4.00	4.01	-0.01	0.17
8.00	8.02	-0.02	0.25
16.00	16.02	-0.02	0.46
32.00	31.92	0.08	0.83
63.75	63.05	0.70	4.39

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.96	0.04	0.19
10.00	10.02	-0.02	0.30
15.00	14.96	0.04	0.43
20.00	19.98	0.02	0.58
25.00	24.93	0.07	0.71
30.00	29.94	0.06	0.81
35.00	34.90	0.10	0.86
40.00	39.96	0.04	0.80
45.00	44.80	0.20	0.88
50.00	49.77	0.23	1.01
55.00	55.00	0.00	1.51
60.00	59.75	0.25	2.56

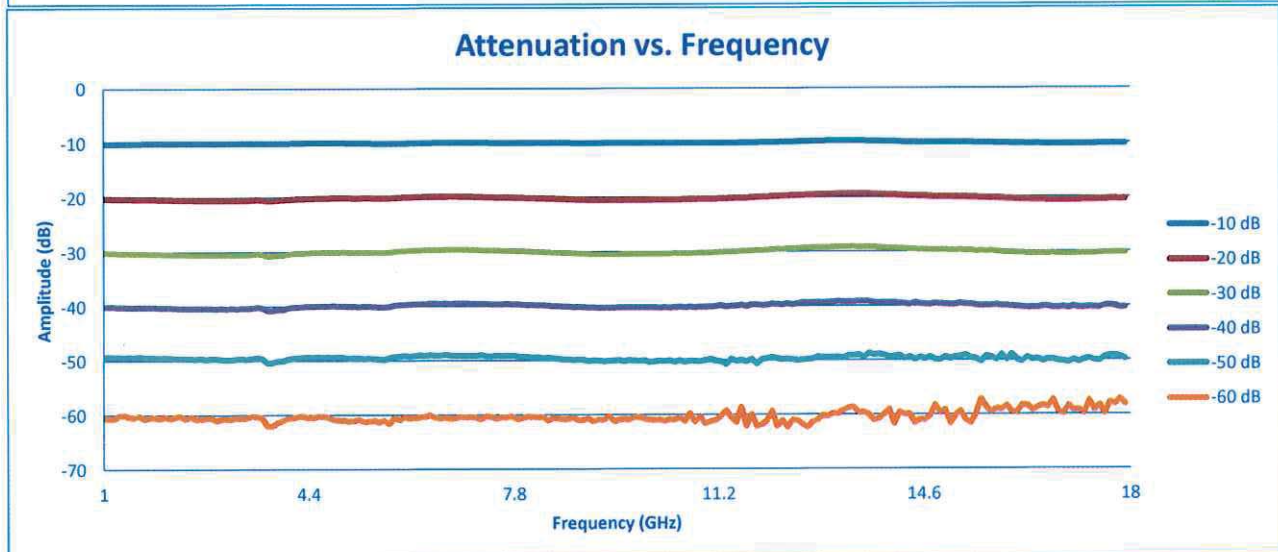
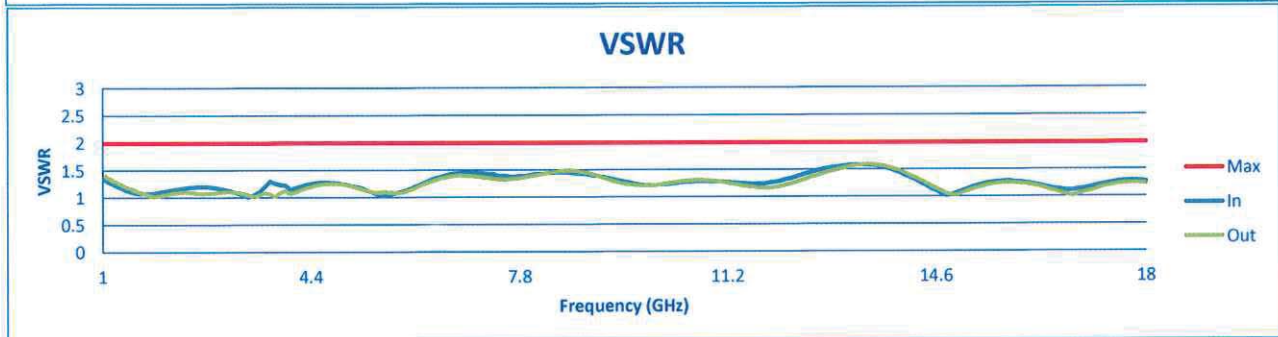
QA/QC Approval: *[Signature]* PMI QA 2

Date: 8/30/17



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