



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: PL21520/1735

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.	1.5:1 See Plot	
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.66 dB See Plot	
6	Flatness to 40 dB:	± 1.25 dB Typ.	1.23 dB See Plot	
7	Flatness to 60 dB:	± 3.0 dB Typ.	3.01 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.	0.15 dB See Plot	
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.46 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	0.23	0.02	0.03
0.50	0.48	0.02	0.05
1.00	0.99	0.01	0.08
2.00	2.00	0.00	0.13
4.00	4.00	0.00	0.18
8.00	8.00	0.00	0.25
16.00	15.98	0.02	0.48
32.00	31.94	0.06	0.98
63.75	62.94	0.81	3.53

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.95	0.05	0.20
10.00	10.00	0.00	0.30
15.00	14.92	0.08	0.45
20.00	19.97	0.03	0.66
25.00	24.93	0.07	0.83
30.00	29.93	0.07	0.94
35.00	34.88	0.12	1.03
40.00	39.91	0.09	1.18
45.00	44.82	0.18	1.44
50.00	49.92	0.08	1.79
55.00	54.68	0.32	2.04
60.00	60.19	-0.19	3.01

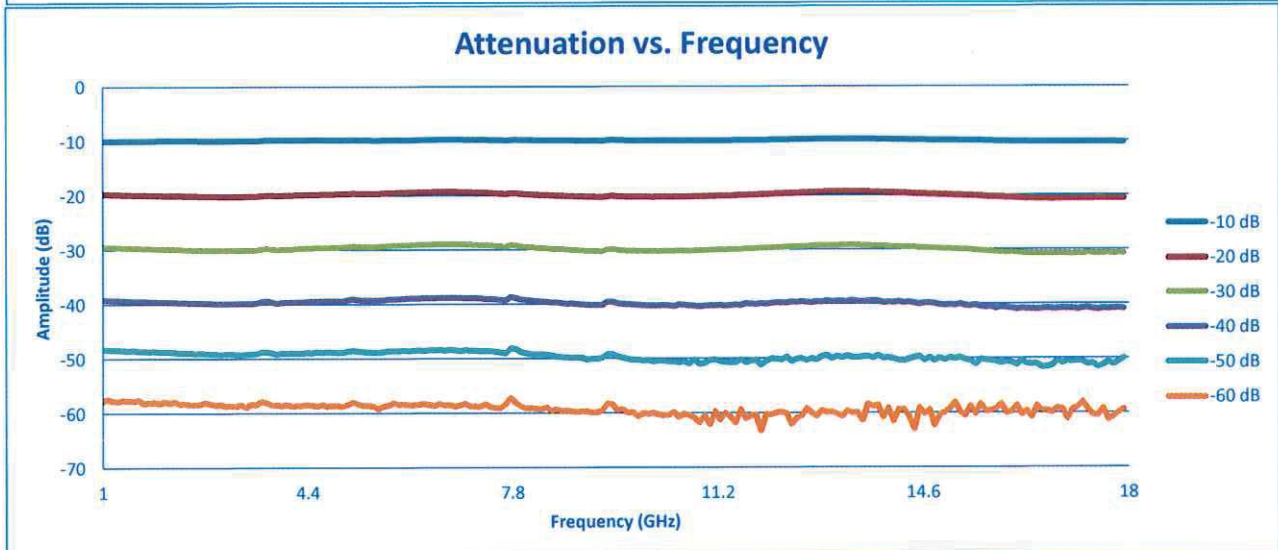
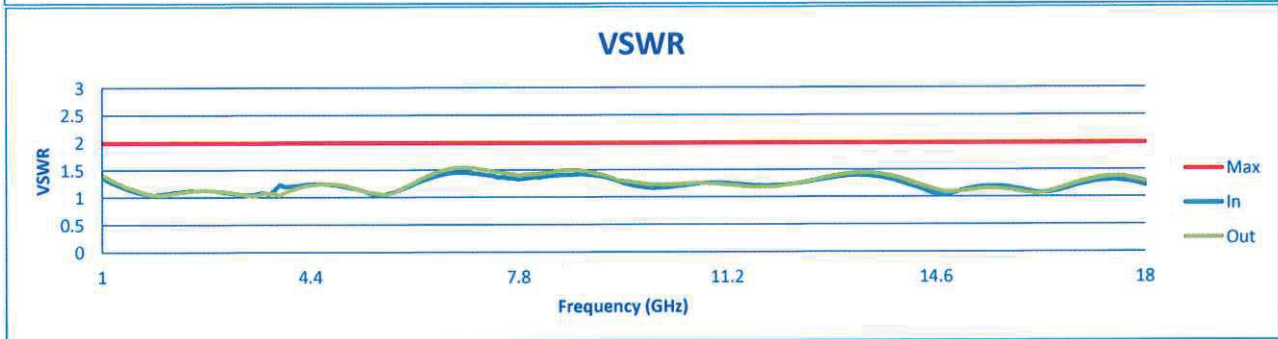
QA/QC Approval: PMI QA 2

Date: 8/30/17



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