



SUMMARY TEST DATA ON DTA-18G40G-30-CD-2-OPT24MM

Customer: _____
 Job No: _____
 Model No: DTA-18G40G-30-CD-2-OPT24MM
 Serial No: PL21478/1734

Tested By: K. Mansfield
 Date: Wednesday, January 30, 2019
 Temperature: +25° C
 Drawing No: 27632681 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC
1	Frequency Range:	18 GHz – 40 GHz	18 GHz – 40 GHz	
2	Insertion Loss:	6.0 dB Typ.	6.4 dB See Plot	
3	VSWR:	2.5:1 Max.	1.8:1 See Plot	
4	Flatness to 15 dB:	±1.5 dB Typ.	0.92 dB See Plot	
6	Flatness to 30 dB:	±1.5 dB Typ.	1.48 dB See Plot	
8	Accuracy of Attenuation 0 to 15 dB:	± 2.0 dB Typ.	0.28 dB See Plot	
9	Accuracy of Attenuation 15 to 30 dB:	± 2.0 dB Typ.	0.29 dB See Plot	
10	Power Handling:	24 dBm CW Max.	Pass	
11	Input 1 dB Compression:	10 dBm Typ.	>10 dBm	
12	Switching Speed:	On: 1.0 µs Max. Off: 0.5 µs Max.	On: <0.3 µs Off: <0.2 µs See Typical Characteristics	
13	DC Supply:	+15VDC @ 100 mA Max.	36 mA	

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
1.00	0.97	0.03	0.11
2.00	1.94	0.06	0.22
4.00	3.90	0.10	0.54
8.00	7.79	0.21	0.87
16.00	15.71	0.29	0.93
31.00	30.87	0.13	1.51

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	-4.87	9.87	0.69
10.00	-9.76	19.76	0.88
15.00	-14.72	29.72	0.92
20.00	-19.76	39.76	1.06
25.00	-24.83	49.83	1.26
30.00	-29.81	59.81	1.48

QA/QC Approval: _____

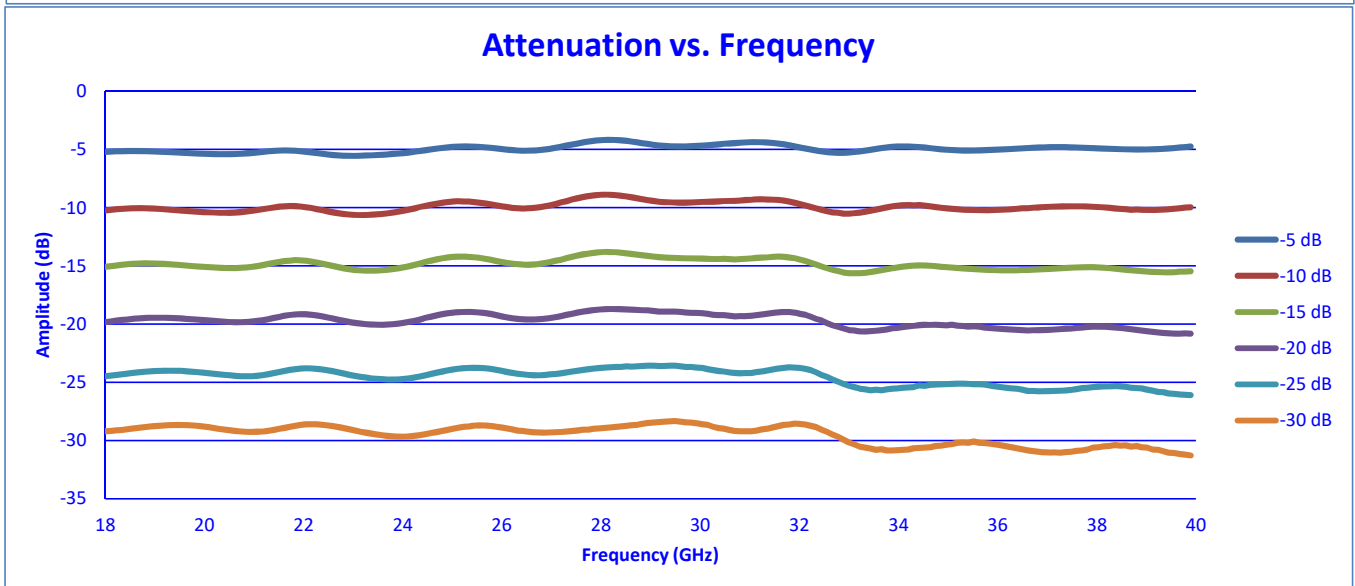
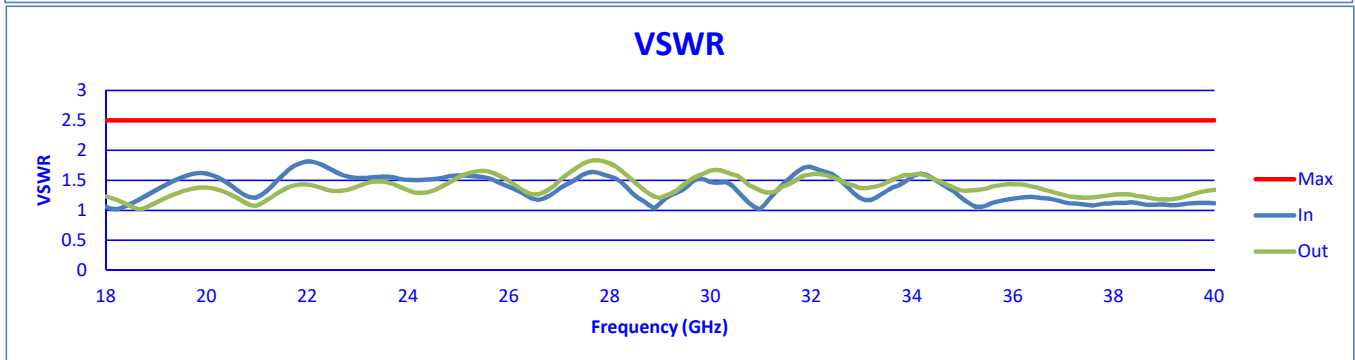
Date: _____

7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com



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