



SUMMARY TEST DATA ON DTA-2G18G-60-12-CD-1-20DBM-TS

Customer: _____
 Job No: _____
 Model No: DTA-2G18G-60-12-CD-1-20DBM-TS
 Serial No: PL25910/1927

Tested By: E. KRETZ
 Date: Wednesday, July 03, 2019
 Temperature: +25° C
 Drawing No: 27617795 Rev: A2

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC	
1	Frequency Range:	2 GHz – 18 GHz	2 GHz – 18 GHz	PMI QA1	
2	Insertion Loss:	4.8 dB Max.	3.2 dB See Plot		
3	VSWR:	2.0:1 Max.	1.69:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.39 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.6 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.4 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.17 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	1.29 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	2.31 dB See Plot		
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	3.02V		
12	Switching Speed:	On Time: 1.0 µs Max. Off Time: 0.5 µs Max.	<1.0 µs On Time <0.5 µs Off Time See Typical Characteristics		
13	DC Supply:	+15VDC @ 150 mA Max.	119 mA		PMI QA1

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
0.0156	0.0133	0.00	0.01
0.0313	0.0332	0.00	0.01
0.0625	0.07	-0.01	0.01
0.125	0.13	-0.01	0.01
0.25	0.26	-0.01	0.02
0.50	0.50	0.00	0.03
1.00	1.00	0.00	0.06
2.00	1.96	0.04	0.11
4.00	3.91	0.09	0.20
8.00	7.96	0.04	0.30
16.00	16.13	-1.05	0.39
32.00	33.05	-1.05	0.60

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
5.00	4.84	0.16	0.23
10.00	10.00	0.00	0.33
15.00	15.02	-0.02	0.37
20.00	20.17	-0.17	0.39
25.00	25.33	-0.33	0.52
30.00	30.76	-0.76	0.56
35.00	35.98	-0.98	0.57
40.00	41.29	-1.29	0.55
45.00	46.49	-1.49	0.49
50.00	51.98	-1.98	0.80
55.00	57.08	-2.08	0.73
60.00	62.31	-2.31	1.40

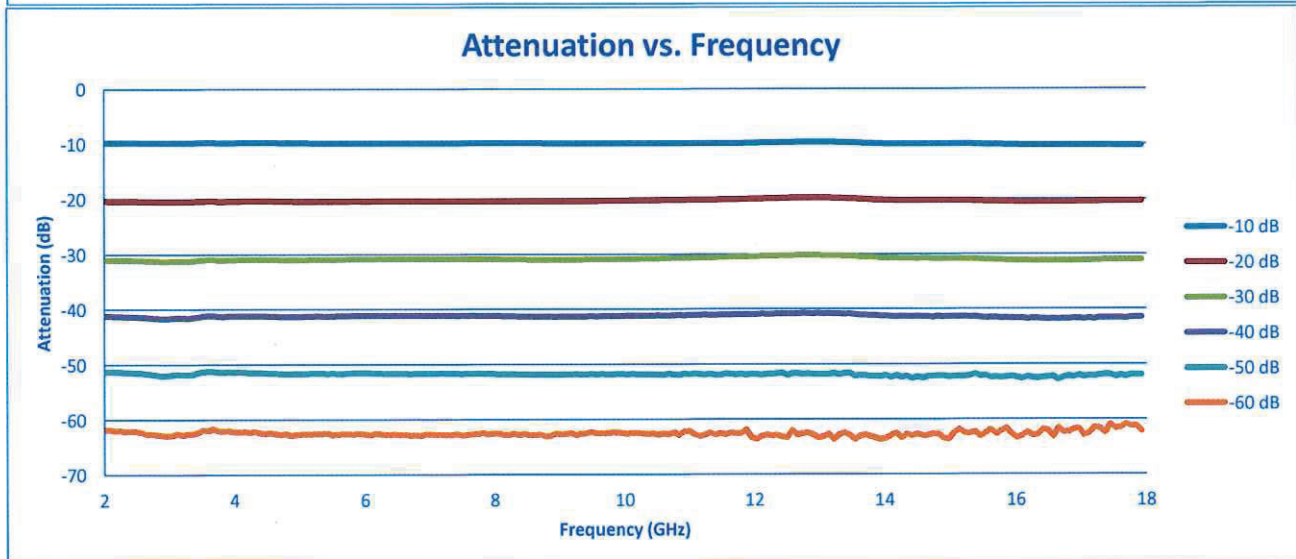
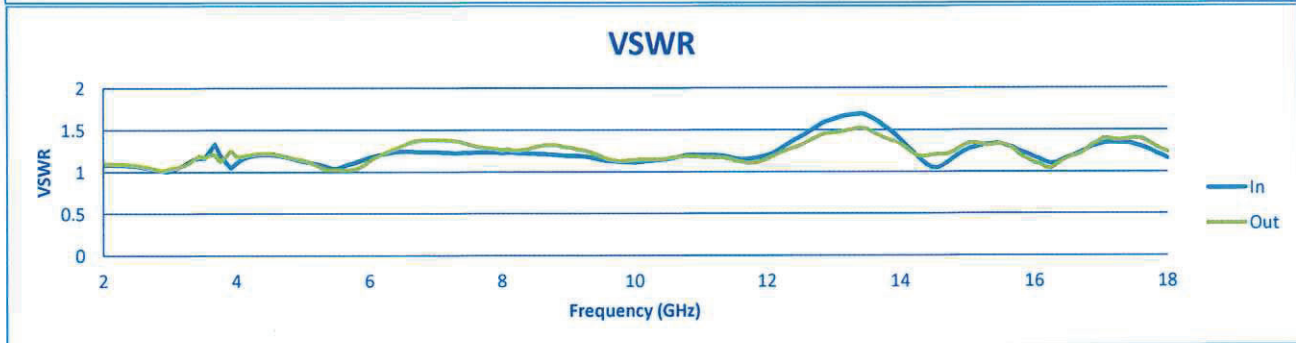
QA/QC Approval: _____

Date: 7/5/19



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