



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: PL26064/1931

Tested By: E. KRETZ
 Date: Wednesday, July 31, 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.	3.8 dB See Plot		
3	VSWR:	2.0:1 Max.	1.69:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.45 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.66 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	1.74 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.06 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.04 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.04 dB See Plot		
11	Temp. Sensor:	10mV/°C, 3.0V @ 25°C	3.11V		
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	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0156	0.0282	-0.01	0.01
0.0313	0.0397	-0.01	0.01
0.0625	0.07	-0.01	0.02
0.125	0.13	-0.01	0.02
0.25	0.26	-0.01	0.02
0.50	0.52	-0.02	0.03
1.00	1.02	-0.02	0.05
2.00	2.02	-0.02	0.10
4.00	4.01	-0.01	0.19
8.00	8.02	-0.02	0.28
16.00	16.02	-0.02	0.41
32.00	32.02	-0.02	0.57

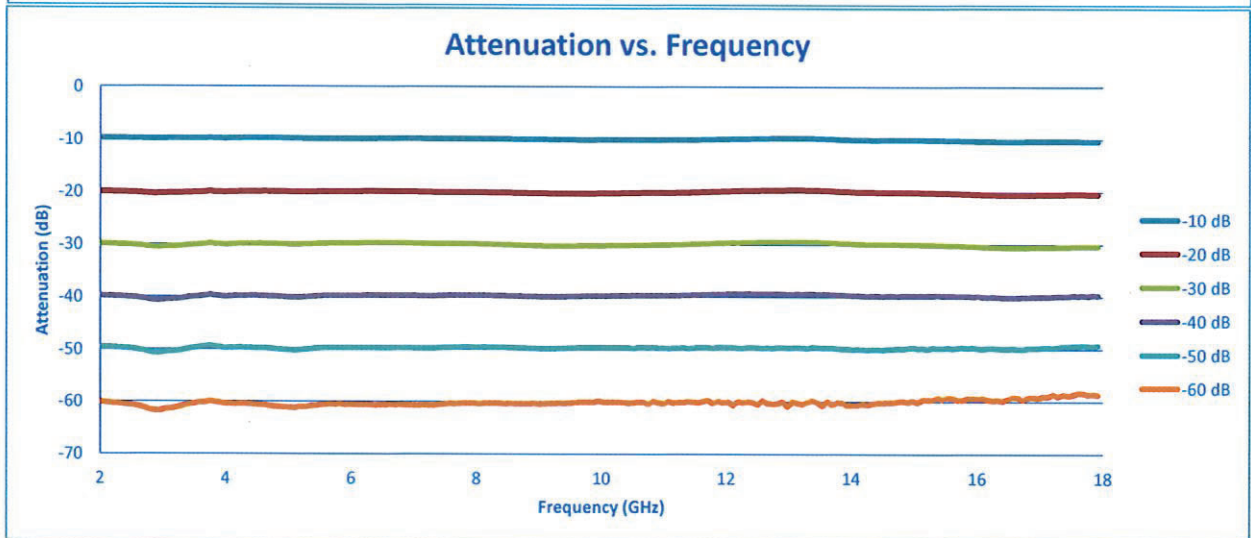
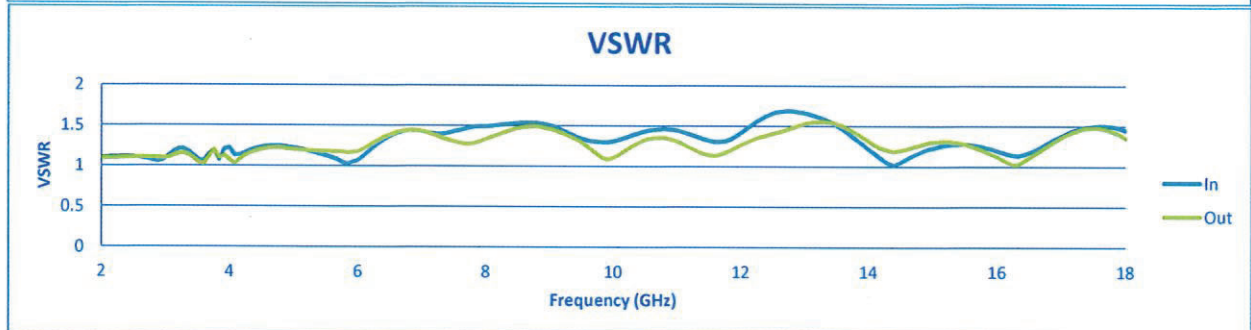
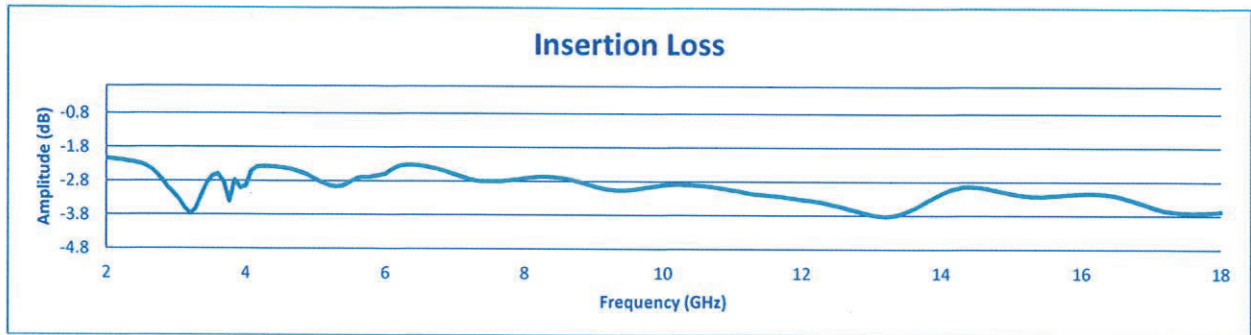
Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	4.94	0.06	0.22
10.00	10.03	-0.03	0.32
15.00	14.97	0.03	0.39
20.00	20.01	-0.01	0.45
25.00	24.98	0.02	0.49
30.00	30.01	-0.01	0.53
35.00	34.96	0.04	0.55
40.00	39.99	0.01	0.66
45.00	44.98	0.02	0.61
50.00	49.97	0.03	0.74
55.00	54.96	0.04	1.00
60.00	60.03	-0.03	1.74

QA/QC Approval: PMI QA1 Date: 8/1/19



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