



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: PL26066/1931

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 QA 1	
2	Insertion Loss:	4.8 dB Max.	3.6 dB See Plot		
3	VSWR:	2.0:1 Max.	1.74:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.47 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	1.21 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	2.03 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.23 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.4 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.67 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 QA 1

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0156	0.0174	0.00	0.01
0.0313	0.0326	0.00	0.01
0.0625	0.06	0.00	0.01
0.125	0.13	0.00	0.02
0.25	0.26	-0.01	0.02
0.50	0.52	-0.02	0.03
1.00	1.03	-0.03	0.06
2.00	2.04	-0.04	0.11
4.00	4.06	-0.06	0.20
8.00	8.11	-0.11	0.30
16.00	16.18	-0.36	0.34
32.00	32.36	-0.36	0.87

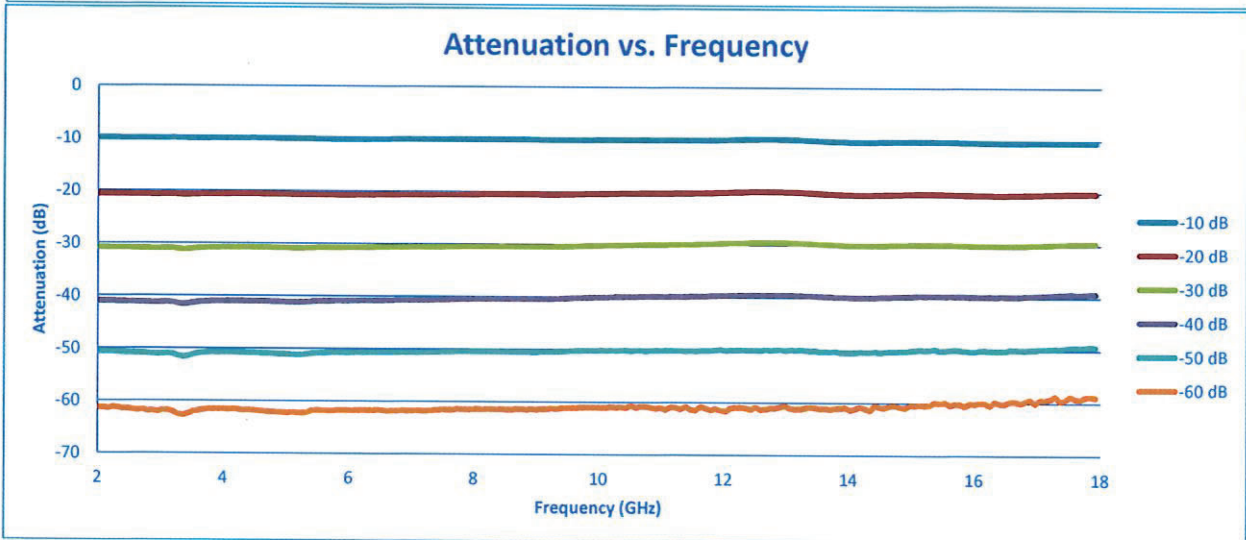
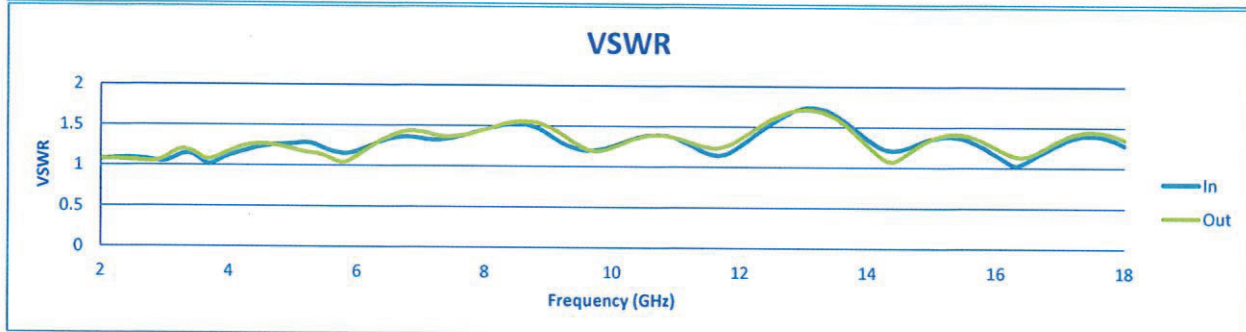
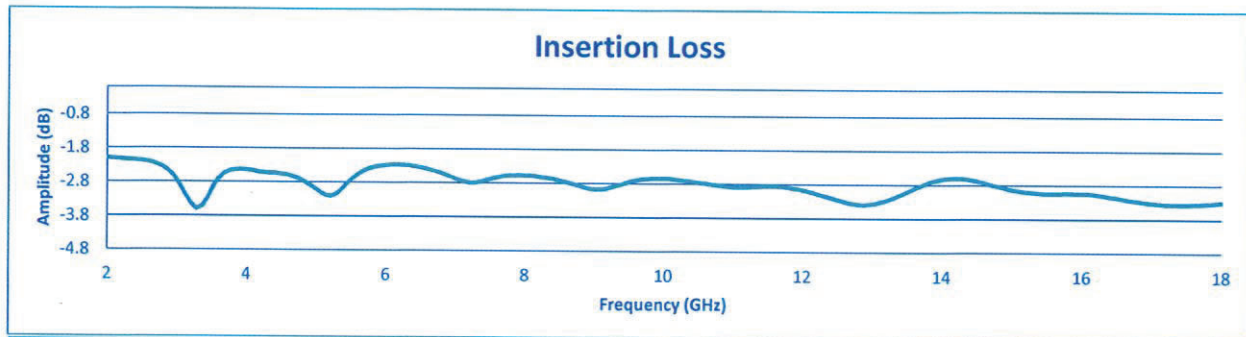
Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.02	-0.02	0.23
10.00	10.13	-0.13	0.31
15.00	15.13	-0.13	0.34
20.00	20.23	-0.23	0.47
25.00	25.21	-0.21	0.70
30.00	30.33	-0.33	0.84
35.00	35.34	-0.34	0.96
40.00	40.40	-0.40	1.21
45.00	45.46	-0.46	1.19
50.00	50.42	-0.42	1.19
55.00	55.47	-0.47	1.30
60.00	60.67	-0.67	2.03

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



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

PL26066/1931





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

PL26066/1931

