



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: PL25909/1927

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.	3.6 dB See Plot		
3	VSWR:	2.0:1 Max.	1.63:1 See Plot		
4	Flatness to 20 dB:	± 1.0 dB Typ.	0.52 dB See Plot		
6	Flatness to 40 dB:	± 1.25 dB Typ.	0.99 dB See Plot		
7	Flatness to 60 dB:	± 3.0 dB Typ.	2.41 dB See Plot		
8	Accuracy of Attenuation 0 to 20 dB:	± 1.0 dB Typ.	0.88 dB See Plot		
9	Accuracy of Attenuation 20 to 40 dB:	± 1.5 dB Typ.	0.9 dB See Plot		
10	Accuracy of Attenuation 40 to 60 dB:	± 2.0 dB Typ.	0.7 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.	123 mA		PMI QA1

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
0.0156	-0.0152	0.03	0.03
0.0313	0.0111	0.02	0.03
0.0625	0.06	0.00	0.04
0.125	0.15	-0.02	0.04
0.25	0.32	-0.07	0.04
0.50	0.57	-0.07	0.04
1.00	1.07	-0.07	0.07
2.00	2.08	-0.08	0.14
4.00	4.06	-0.06	0.23
8.00	8.05	-0.05	0.31
16.00	15.95	0.82	0.34
32.00	31.18	0.82	0.81

Programed Attenuation	Attenuation	Accuracy of Attenuation	Flatness dB
dB	dB	dB	±dB
5.00	5.01	-0.01	0.26
10.00	10.03	-0.03	0.33
15.00	14.12	0.88	0.40
20.00	19.86	0.14	0.52
25.00	24.73	0.27	0.76
30.00	29.10	0.90	0.82
35.00	34.73	0.27	0.99
40.00	39.69	0.31	0.99
45.00	44.30	0.70	0.96
50.00	49.79	0.21	1.18
55.00	54.88	0.12	1.39
60.00	59.91	0.09	2.41

QA/QC Approval: _____

PMI QA1

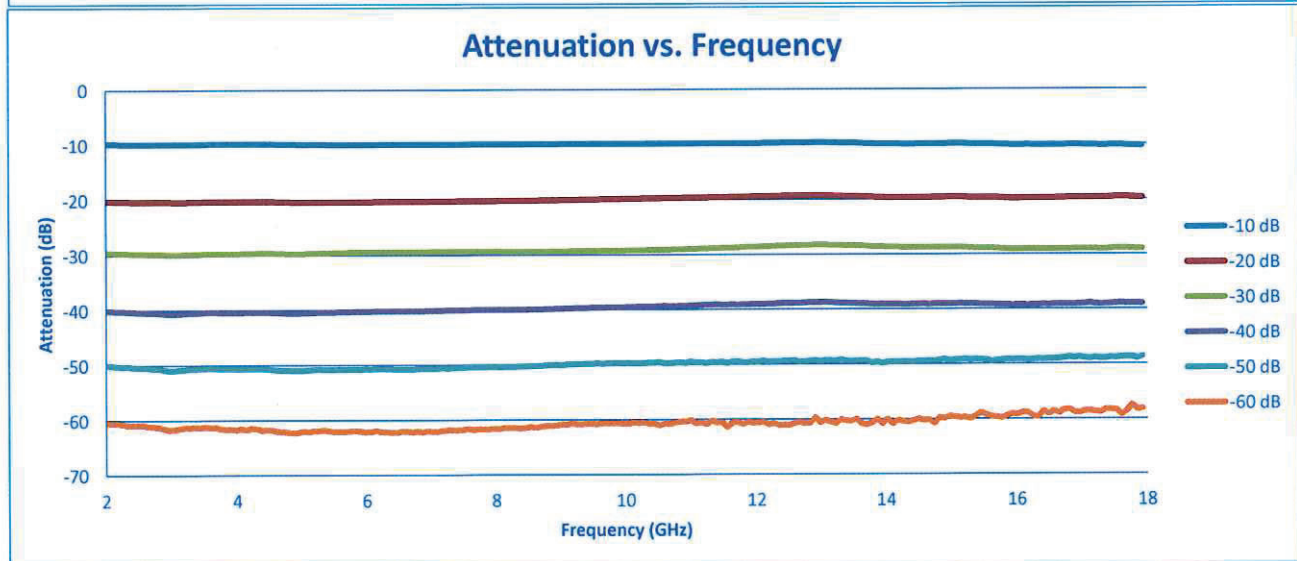
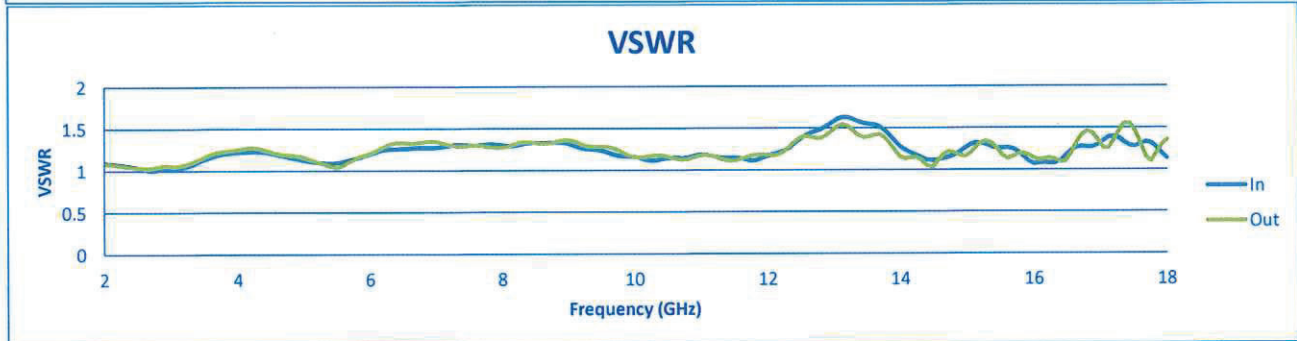
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7/5/19



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