



SUMMARY TEST DATA ON DTA-22G28G-50-CD-1

Customer: _____
 Job No: _____
 Model No: DTA-22G28G-50-CD-1
 Serial No: PL21717/1740

Tested By: K. Mansfield
 Temperature: +25°C
 Date: Thursday, October 05, 2017
 Drawing No: 27617397 Rev: A1

TEST ITEM No.	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA QC PMI QA 2
1	Frequency Range:	22.5 to 27.5 GHz	22.5 to 27.5 GHz	
2	Insertion Loss:	3.5 dB Max.	3.3 dB See Graph	
3	VSWR:	2.2: 1 Max.	1.9:1 See Graph	
4	Monotonicity:	Verify	Verified	
5	Max Input Power:	10 mW (10 dBm)	Verified	
6	Power Supply Rejection	0.1dB/Volt Max.	0.0dB/Volt	
7	Flatness @ 20dB:	± 1.0 dB Max.	± 0.51 dB See Graph	
8	Flatness @ 50dB:	± 2.0 dB Max.	± 1.42 dB See Graph	
9	Accuracy of Attenuation 0 to 10 dB:	± 1.0 dB Max.	± 0.04 dB See Graph	
10	Accuracy of Attenuation 10 to 30 dB:	± 1.0 dB Max.	± 0.07 dB See Graph	
11	Accuracy of Attenuation 30 to 50 dB:	± 1.5 dB Max.	± 0.14 dB See Graph	
12	Switching Speed:	500 ns Max.	450 ns See Typical Characteristics	
13	DC Supply:	+15VDC @ 100 mA Max.	24 mA	PMI QA 2

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
0.025	0.00	0.02	0.01
0.050	0.01	0.04	0.00
0.100	0.10	0.00	0.01
0.200	0.19	0.01	0.01
0.400	0.40	0.00	0.01
0.800	0.80	0.00	0.02
1.600	1.59	0.01	0.04
3.200	3.18	0.02	0.07
6.400	6.38	0.02	0.12
12.800	12.76	0.04	0.19
25.600	25.55	0.05	0.51
51.175	51.16	0.02	1.51

Programed Attenuation dB	Attenuation dB	Accuracy of Attenuation dB	Flatness dB ±dB
5.00	5.00	0.00	0.10
10.00	9.99	0.01	0.16
15.00	14.99	0.01	0.22
20.00	19.98	0.02	0.33
25.00	24.98	0.02	0.51
30.00	30.07	-0.07	0.67
35.00	35.06	-0.06	0.83
40.00	40.04	-0.04	1.05
45.00	45.13	-0.13	1.19
50.00	50.14	-0.14	1.42

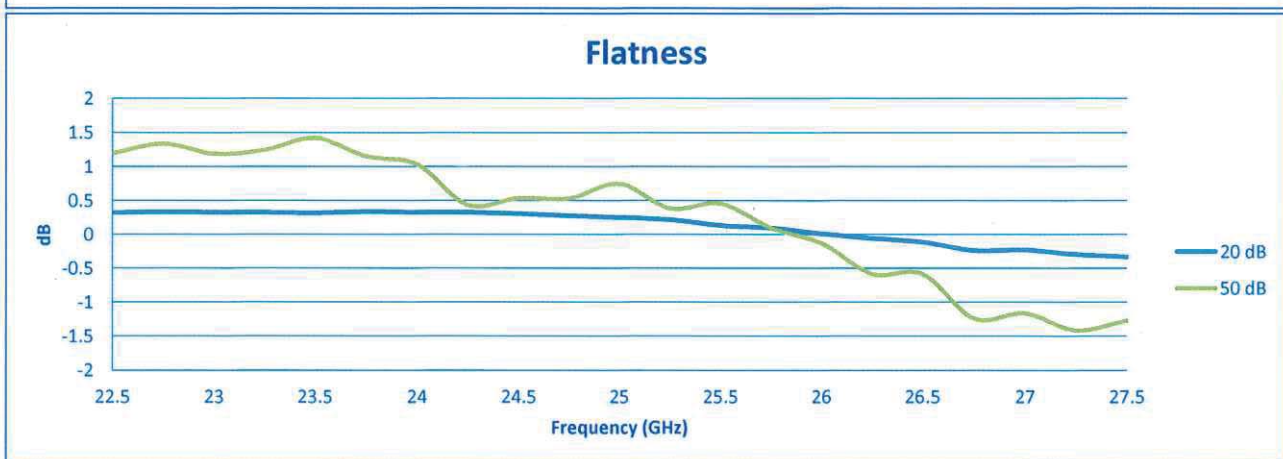
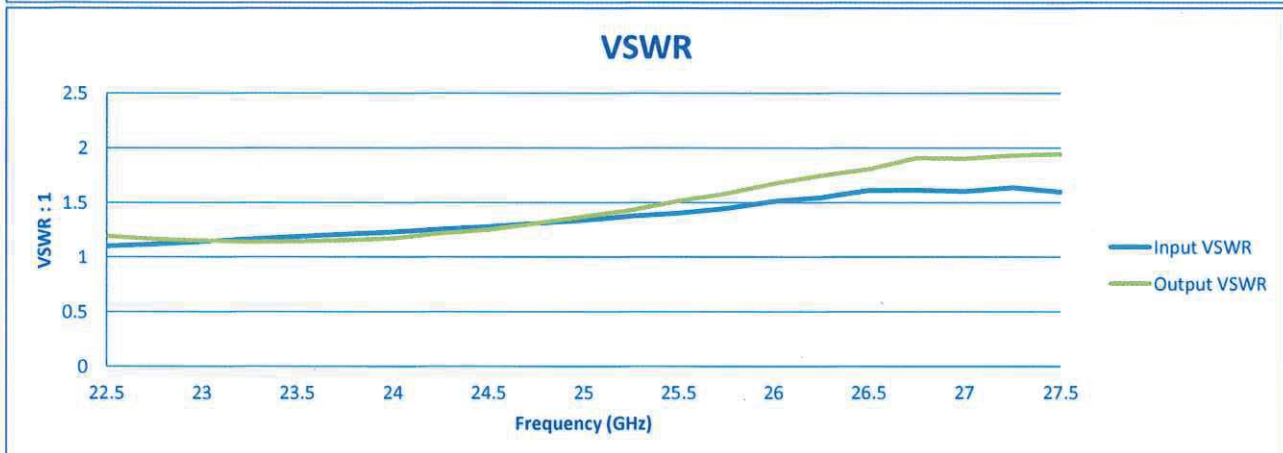
QA/QC Approval: *[Signature]*

Date: 10/5/17



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