

Ultrasound Phantom Maintenance Data Sheet

Date: 6/6/2019

Phantom Model: 403 GS LE- 0.5 dB/cm/MHz

Phantom Status: Rejuved

Phantom Mass: xxxx g

Phantom Serial Number: 802259-xxxx-x

Tested by: SF

Test Conditions:

Scanner Used: MSN-LOGIQ9-QC

Scan Date: 20190606

Test Temperature: 75.1 degrees F

Test Humidity: 24.5 % RH

For

P.O.#:

Asset#:

Verification Date: 6/6/2019

Condition Received: PASSED INITIAL INSPECTION TEST.

Condition Returned: PASSED FINAL INSPECTION TEST.

Testing performed per Gammex Work Instructions 100125 and 100700.

Attenuation Report

The reference phantom is: 400276-4845-2 \_AveRef

The reference attenuation is: 0.47 dB/cm/MHz

The test phantom differs from the reference phantom by: 0.181 dB/cm

The computed attenuation coefficient of the phantom is: 0.506 dB/cm/MHz

The intensity of the image signal at 2 cm is: 64.45

Vertical Pin Spacing Report

Pin n to n+1 Known Measured Percent Difference:

Pin 1 to 2 2.00cm 2.01cm 0.4%

Pin 2 to 3 2.00cm 2.02cm 1.2%

Pin 3 to 4 2.00cm 1.98cm 1.2%

Pin 4 to 5	2.00cm	1.99cm	0.7%
Pin 5 to 6	2.00cm	1.98cm	1.2%
Pin 6 to 7	2.00cm	1.98cm	0.8%
Pin 7 to 8	2.00cm	1.97cm	1.4%

#### Horizontal Pin Spacing Report

Pin n to n+1	Known	Measured	Percent Difference:
Pin 1 to 2	3.00cm	3.02cm	0.6%
Pin 2 to 3	3.00cm	3.01cm	0.5%
Pin 3 to 4	3.00cm	3.10cm	3.3%

#### Gray Scale Report

Gray Scale Target	Relative Echogenicity
Target 2 (- 6 dB)	-5.2528 dB
Target 3 (+ 6 dB)	+6.7661 dB
Target 4 (+12 dB)	+12.4420 dB