Statement of compliance to SAR

No. 180301834SHA-002

Applicant	:	Northwest Instrument Inc.
		69 King Street Dover NJ 07801 United States Of America
Product Name	:	Laser Distance Measurer
Type/Model	:	CUBIT
TEST RESULT	:	PASS

According to KDB 447498D01(v06), the following exclusion for portable devices:

The 1g and 10g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]·[√ f(GHz)]

≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR,

Where:

- f (GHz) is the RF channel transmit frequency in GHz;
- Power and distance are rounded to the nearest mW and mm before calculation;
- The result is rounded to one decimal place for comparison;

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

According the Test Report 180301834SHA-001:

Maximum transmitter power: -2.48dBm (0.56mW) at 2402MHz;
Distance = 5 mm (minimum separation distance: 5 mm was used in the calculation)
Result:
(0.56/5)*√2.402 = 0.17 <3.0
Conclusion:
The SAR requirement is deemed to be satisfied without test.

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