Correction to "Underwater 3-D Spatial Attenuation Characteristics of Electromagnetic Waves With Omnidirectional Antenna"

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In paper [1], there were errors in Figs. 16–24. The corrected figures are as follows.
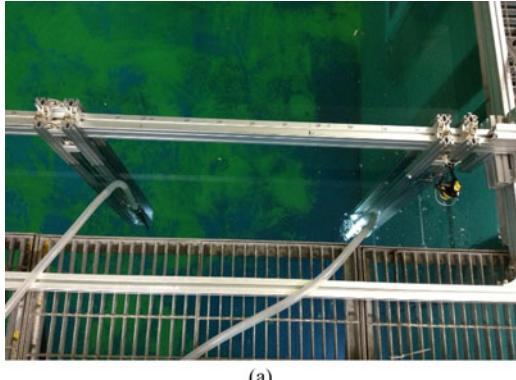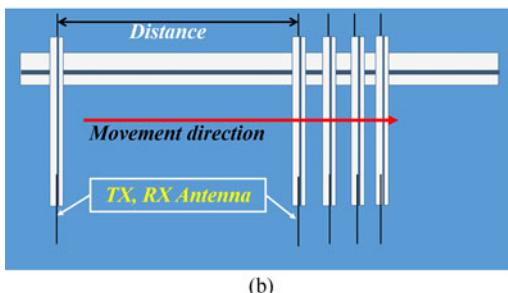
Fig. 16.   Experiment sets for F(*R*): (a) experiment environment; and (b) experiment diagram.
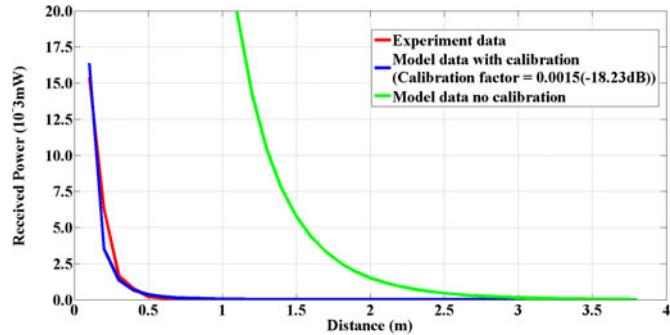
Fig. 17.   Experiment result with calibration (dB scale) for F(*R*).
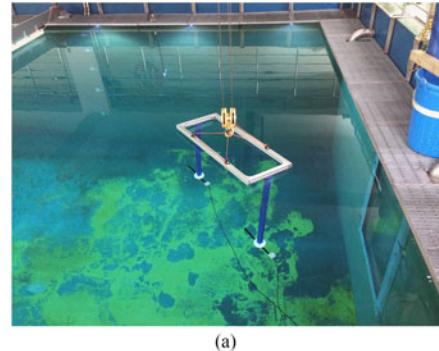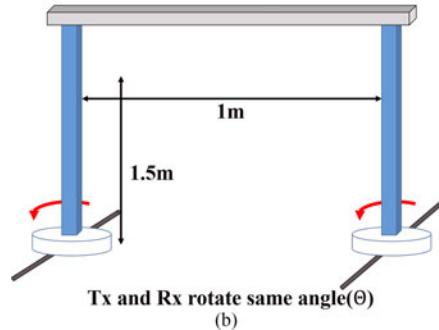
Fig. 18.   Experiment sets for F(Θ): (a) experiment environment; and (b) experiment diagram.
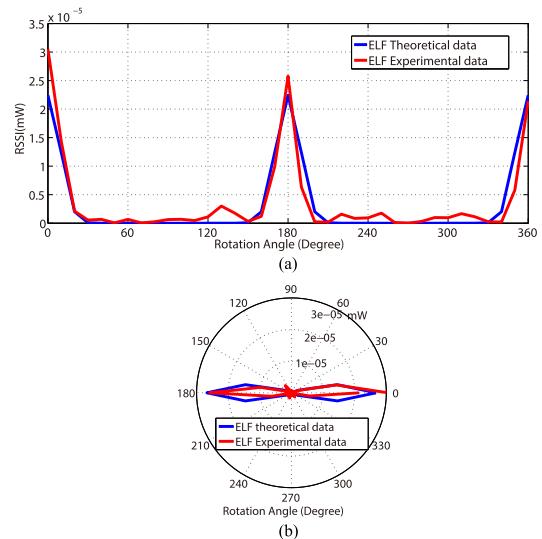
Fig. 19.   Experiment results for F(Θ): (a) *X, Y* plot; and (b) *R, Θ* polar expression.
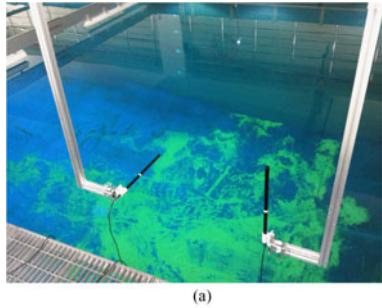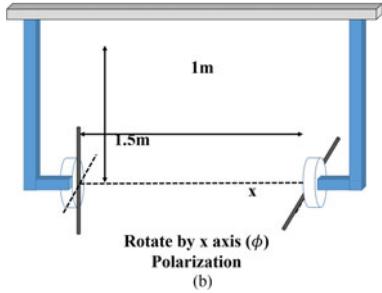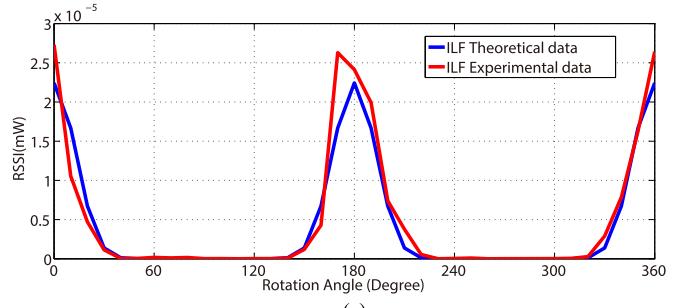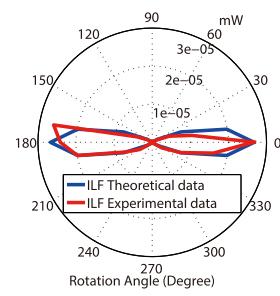
Fig. 20.   Experiment sets for F(ϕ): (a) experiment environment; and (b) experiment diagram.


Fig. 21.   Experimental result of polarization loss factor.
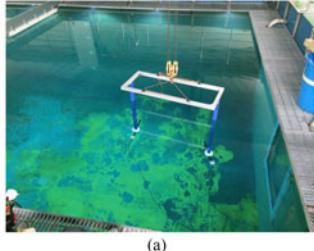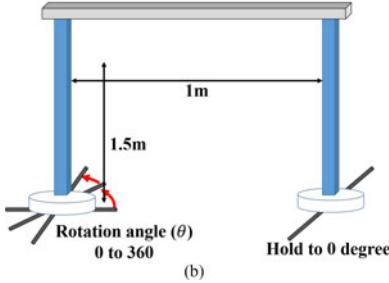
Fig. 22.   Experiment sets for F(θ): (a) experiment environment; and (b) experiment diagram.


Fig. 23.   Experiment results for F(θ): (a) X, Y plot; and (b) R, θ polar expression.
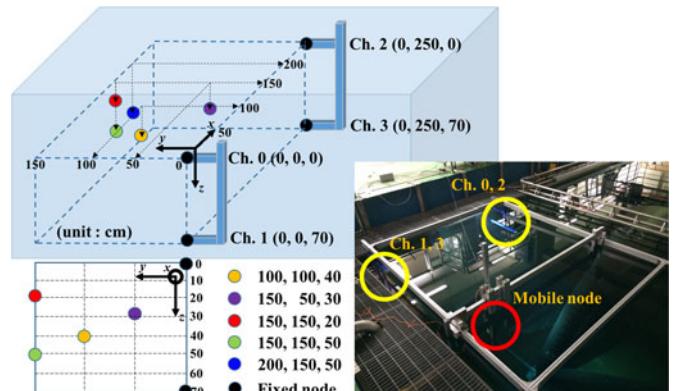

Fig. 24.   Experimental set for static 3-D localization.

References

[1] K. Kwak, D. Park, W. K. Chung, and J. Kim, "Underwater 3-D spatial attenuation characteristics of electromagnetic waves with omnidirectional antenna," *IEEE/ASME Trans. Mechatronics*, vol. 21, no. 3, pp. 1409–1419, Jun. 2016.