Errata

Publication IV

In the right column on page 3, we have written that variable $\rho_{\mathrm{min,dB}}$ follows Bernoulli distribution. This is not correct; $\rho_{\mathrm{min,dB}}$ follows binomial distribution instead.

Publication V

There is a mistake on the right hand side of (50). The correct equation reads:

$$\mathbb{E}_{I_{\mathrm{DI}}}^{(1)} = \frac{k_1^2 k_2^2}{k_1^2 - k_2^2} \left(\frac{1}{k_2^2} {}_2F_1 \left(1, -\frac{2}{\alpha_{\mathrm{m}}}, \frac{\alpha_{\mathrm{m}}-2}{\alpha_{\mathrm{m}}}, -\frac{\gamma_0 k_2^{\alpha_{\mathrm{m}}} \rho_{\mathrm{A}} P_{\mathrm{m}} r^{\alpha_{\mathrm{P}}}}{P_{\mathrm{P}} r^{\alpha_{\mathrm{m}}}} \right) \right.$$
$$\left. \times \frac{1}{k_1^2} {}_2F_1 \left(1, -\frac{2}{\alpha_{\mathrm{m}}}, \frac{\alpha_{\mathrm{m}}-2}{\alpha_{\mathrm{m}}}, -\frac{\gamma_0 k_1^{\alpha_{\mathrm{m}}} \rho_{\mathrm{A}} P_{\mathrm{m}} r^{\alpha_{\mathrm{P}}}}{P_{\mathrm{P}} r^{\alpha_{\mathrm{m}}}} \right) \right)$$

Publication VI

When introducing (6), we have written that it stems from combining time matched and mismatched interfering base stations. This is not correct; term (6) corresponds to a single interfering base station, combining interference from normal subframe that leaks beyond cyclic prefix and the (normally present) residual interference from almost blank subframe.

Further, there is a mistake on the right hand side of (17). The correct equation reads:

$$\xi\left(K,r\right)=\frac{k_1^2k_2^2}{k_1^2-k_2^2}\left(\frac{1}{k_2^2}{}_2F_1\left(1,-\frac{2}{\alpha_{\rm m}},\frac{\alpha_{\rm m}-2}{\alpha_{\rm m}},-\frac{\gamma_0k_2^{\alpha_{\rm m}}KP_{\rm m}r^{\alpha_{\rm P}}}{P_{\rm P}r^{\alpha_{\rm m}}}\right)\right.$$
$$\left.\times\frac{1}{k_1^2}{}_2F_1\left(1,-\frac{2}{\alpha_{\rm m}},\frac{\alpha_{\rm m}-2}{\alpha_{\rm m}},-\frac{\gamma_0k_1^{\alpha_{\rm m}}KP_{\rm m}r^{\alpha_{\rm P}}}{P_{\rm P}r^{\alpha_{\rm m}}}\right)\right)$$

Finally, in Section IV we have written that 3GPP requirement for timing mismatch in TDD allows maximum error of 3μs. This is not correct; the error interval is 3μs wide, which allows for a maximum error of $\pm1.5\mu$s.

Publication VII

For consistency, probability density functions $p_\gamma(\gamma)$ in (3), $p_x(x)$ in (11), $p_y(y)$ in (15) and $p_y(y)$ in (16) should be denoted $f_\gamma(\gamma)$, $f_x(x)$, $f_y(y)$ and $f_y(y)$, respectively.