

Regression Models		Mean absolute error (ppb)
$O_{3_{\text{true}}} = \frac{V_{O_3}}{k_{O_3}} - \text{offset}$	Linearity of observed voltages and gas concentration	14.4063
$O_{3_{\text{true}}} = \frac{V_{O_3}}{k_{O_3}} - \frac{V_{NO_2}}{k_{NO_2}} - \text{offset}$	O_3 sensor's cross-sensitivity correction	10.6795
$O_{3_{\text{true}}} = \frac{V_{O_3}}{k_{O_3}} - \frac{V_{NO_2}}{k_{NO_2}} + r_{NO-NO_2} \frac{V_{NO}}{k_{NO}} - \text{offset}$	NO_2 and O_3 sensor's cross-sensitivity correction	8.8172
$O_{3_{\text{true}}} = \frac{V_{O_3}}{k_{O_3}} - \frac{V_{NO_2}}{k_{NO_2}} + r_{NO-NO_2} \frac{V_{NO}}{k_{NO}} - \text{offset}$	Adding temperature correction	8.1360