

Uncertainty type and source	Olympic Park	Mt. Taehwa
Statistical noise [%]:		
Instrumental and atmospheric	6 ± 3	6 ± 4
Systematic [%]:		
Choice of fitting DOAS scenario	± 10	± 10
Laboratory-measured cross sections:		
HCHO	± 9	± 9
Other (O_3 , NO_2 , BrO)	± 14	± 14
SCD _{REF} [%]:	17 ± 4	14 ± 5
AMF _{DS} at SZA < 80° [%]:	< 0.5	< 0.5
Overall uncertainty [%]	± 6 (stat) ± 26 (sys)	± 6 (stat) ± 24 (sys)