

Gas	Total column DOFs	Sensitive range (km)	Tropospheric partial column (km)	Tropospheric DOFs
O <sub>3</sub>	4.8	Ground – 44	Ground – 12	1.3
CO	3.5	Ground – 27	Ground – 12	2.7
HCHO	1.2	Ground – 18	Ground – 12	1.1