

Channel/combination	Criterion	Determined class
12.0–8.7 μm	$< 0.5 \text{ K}$	High cloud
12.0–8.7 μm	$< 1.0 \text{ K}$	Surface
12.0–8.7 μm	$> 3.5 \text{ K}$	Surface
10.8 μm	$< 276 \text{ K}$	High cloud
10.8 μm	$> 293 \text{ K}$	Surface
13.4–8.7 μm	$< -19 \text{ K}$	Surface
13.4–8.7 μm	$> -11 \text{ K}$	High cloud