

	150 MHz	200 MHz	300 MHz
<b>Resolution (")</b>			
65 km	7.7	5.8	3.9
50 km	10.1	7.5	5.0
40 km	12.6	9.4	6.3

**Confusion ( $\mu\text{Jy}/\text{beam}$ )**

65 km	8.7	2.8	0.6
50 km	21.3	6.5	1.3
40 km	44.6	13.4	2.7

**Confusion ( $\mu\text{Jy}/\text{arcsec}^2$ )**

65 km	0.12	0.07	0.03
50 km	0.17	0.09	0.04
40 km	0.23	0.12	0.06

**Cassano's limit ( $\mu\text{Jy}/\text{arcsec}^2$ )**

20  $\mu\text{Jy}/\text{beam}$  @ 120 MHz (10")

0.12	0.08	0.05
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Assuming  $\alpha=1.3$

**LOFAR HBA limit ( $\mu\text{Jy}/\text{arcsec}^2$ )**

~80  $\mu\text{Jy}/\text{beam}$  @ 120-168 MHz (6")

1.82	1.20	0.71
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Assuming  $\alpha=1.3$