

 VELUX A/S Accessories Bækgårdsvej 40, 6900 Skjern	New Integra Blind	11.09.2023
		Init: JaH
	Antenna specifications	Page: 1/1

Conducted power measured at spectrum analyzer at 2449.994Mhz is 7.69dBm, 0.005875W the total radiated power, TRP is 1.99dBm, 0.00158125W.

The total antenna efficiency can be calculated to be:

$$Efficiency = \frac{1.58125 \text{ mW}}{5.875 \text{ mW}} * 100$$

Total antenna efficiency = 27 %, -5.7 dB

KLC500 antenna specification

Total radiated power	1.99 dBm
Peak EIRP	8.58 dBi
The measured conducted power at the spectrum analyzer	7.69 dBm.

Hereby the antenna parameters:

Max antenna gain (Peak Gain)	0.89 dBi
Total Antenna efficiency	27 %
Total antenna efficiency (dB)	-5.7 dBm