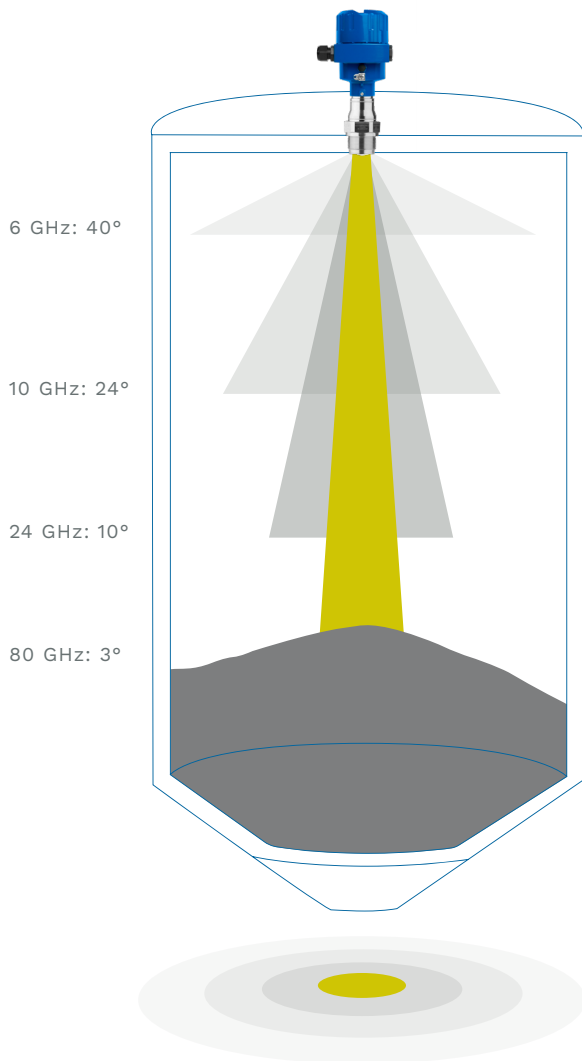


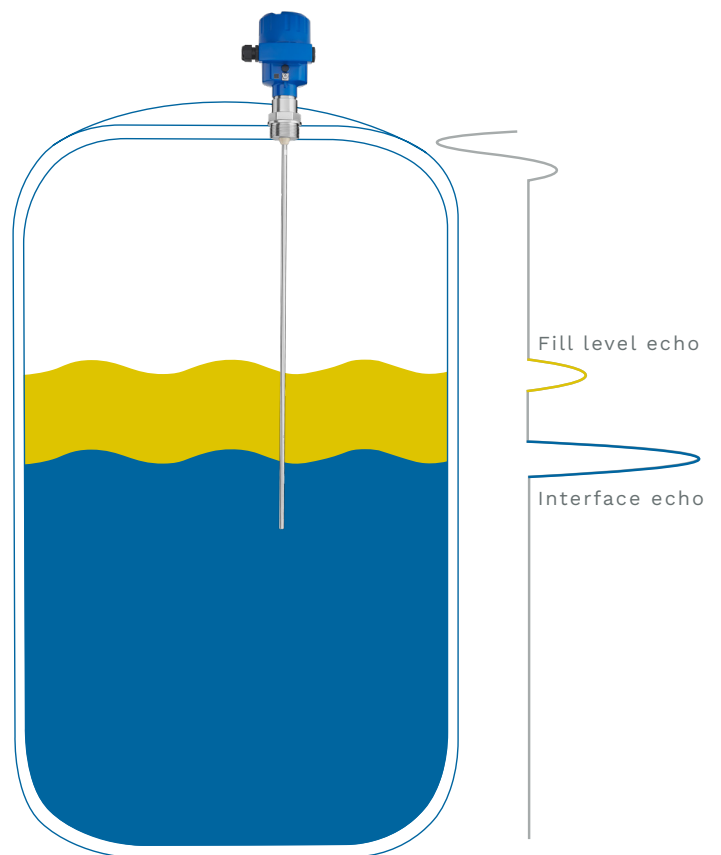
RADAR MEASUREMENT TECHNOLOGIES

FREE-RADIATING RADAR SENSOR



Bulk material measurement with bulk cone:
The beam angle increases significantly as the frequency decreases – the 80 GHz technology offers the highest precision with just 3°

GUIDED RADAR SENSOR



Interface measurement of liquids with different DK values: The microwave pulse reflects off the upper layer (e.g., oil), penetrates it, and is reflected at the lower layer (e.g., water) back to the sensor.