

Crescendo-S



J-TWPA

QUANTWARE

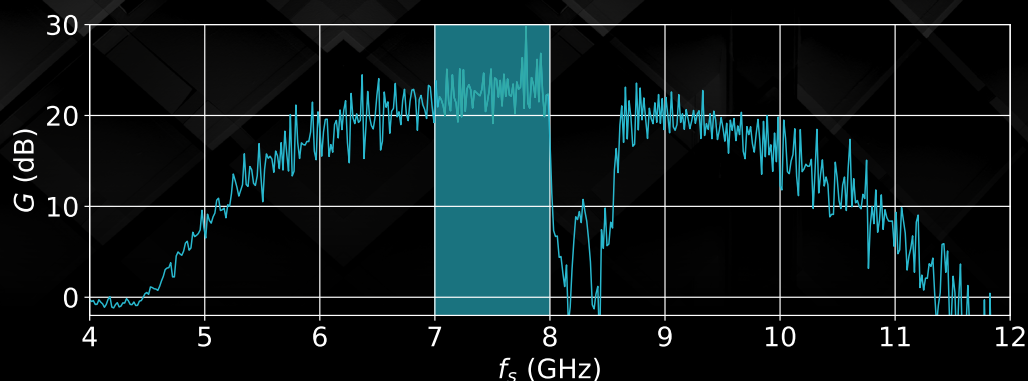
Your path to state-of-the-art readout at scale

S3 device - Typical specifications - * Averaged over 7-8 GHz range

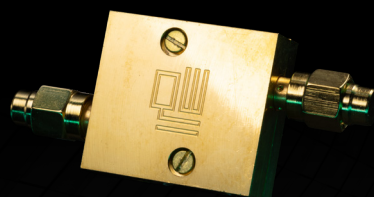
Gain*	Gain ripple* (2σ)	SNR* Improvement	Quantum Efficiency	Compression (@20 dB)
>20 dB	3 dB	14 dB	70%	-100 dBm

Wideband gain, for all your qubits

S3 device - 7-8 GHz model



Dimensions



28 x 25 x 10 mm

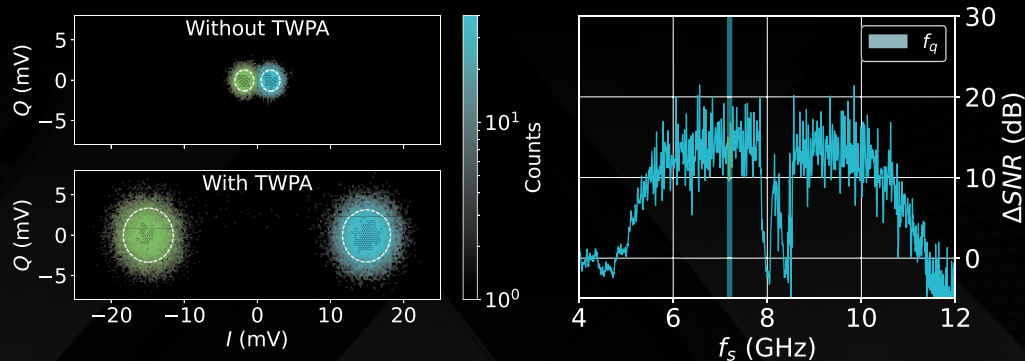
Concerto

High-density cryo holder

See clearer, boost your signal to noise ratio

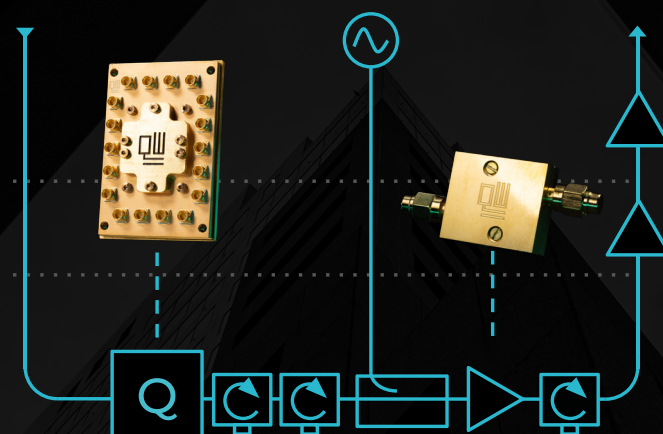
S3 device - SSRO at qubit frequency f_q

Savgol filter applied to noise floor to compensate for short integration time



Ready to scale with your roadmap

Recommended wiring



- ▶ Simple flux-free tune-up
- ▶ Expert support included
- ▶ House up to 6 in Concerto packaging
- ▶ Available for all typical readout bands

227 x 79 mm