RF-SET for Qubits on Helium

RF generator
- MG3694A

Attenuator-20dB
- 4.2K

Merrimac CRM-20-500

Bias-tee
- 1.3K

Directional coupler

Nb coax

Tank circuit

Spectrum analyser
- MS2668G

Room temperature test

Reflected Power, DBm

Frequency, MHz

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Spectroscopy of reflected power at -29 dBm

CBO in reflected power

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