





Lower motional impedance

## Conclusion

MEMS resonators and filters based on piezoelectric and capacitive resonators, with frequencies in the range of 100 MHz to 4.8 GHz have been successfully demonstrated. Devices with frequencies of 1.8 GHz, 2.4 GHz and 4.8 GHz have shown promising preliminary results compared to the current state of the art of technologies such as FBAR and SAW. Future work will be focused on increasing the quality factor of the fabricated devices.



