5G for Technobothnia Chao Gao, Jason Reypens, Antti Virtanen Vaasa University of Applied Sciences, Vaasa, Finland

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Abstract—This paper presents the procedure of setting a 5G network for Technobothnia laboratory using Firecell solutions. The procedure includes 5G frequency band allocation, range coverage calculation, IP network configuration, 5G parameter tuning, and corresponding communication performance test results. The paper can be used as a reference for setting private 5G networks.