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Ťu Delft	Source Technology (nm) Frequency (GHz) IF BW (MHz) Voltage gain (dB) R _{SW} (Ω) NF (dB) In-band IIP ₃ (dBm) Power consumption (mW) Supply voltage (V) Active area (mm ²) a Passive front-end + 1 stage b Passive front-end. c LO buffers + 1 stage baseb d LO buffers	[17] 50Ω 65 0.2-2.0 25 19^a 5 6.5^a 11^a 67^c 1.2 0.13^a base band	[1] 50 Ω 65 5.1-5.9 10 12 ^b 57 4.5 ^b NA 0.4 ^d 1 0.084 ^b d amplifie	This work Inductive source 180 0.402-0.405 0.23 11.6 ^b /36.6 ^a 50 14.7 ^a 3.6 ^a 0.93 ^d /1.09 ^c 1.2 0.75 ^a	















Virgilio Valente, from January 2018

TUDelft

EXPANDING THE TEAM



Can Akgun, from Sept. 2017 (22 months)



Samaneh Babayan, From Nov. 2017 (12 months)

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	<section-header> Attent treat number of brain disorders Better treat tinnitus and auditory hallucinations, Better treat addictions (a.o. alcoholism), Better treat addictions (a.o. alcoholism), Better treat essential tremor, Parkinson, dystonia. Better treat migraine, cluster headaches and other forms of headache. Better treat depression, mania Better treat depression, mania Better treat oCD spectrum disorders. Better treat schizophrenia. Better treat eshizophrenia. Better treat endersen. Better treat eshizophrenia. Better treat endersen. Better treat schizophrenia. Better treat endersen. Be</section-header>
ŤU Delft	[Reference: C.O. Oluigbo, A.R. Recai, Addressing Neurological Disorders With Neuromodulation, IEEE Transactions on Biomedical Engineering, Vol. 58, No. 7, July 2011]















