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Khlat(10) **Pub. No.: US 2022/0360237 A1**(43) **Pub. Date: Nov. 10, 2022**(54) **SYSTEMS AND METHODS FOR DELAY
MEASUREMENT BETWEEN SIGNALS**(52) **U.S. Cl.**CPC **H03F 3/24** (2013.01); **H03F 3/195**
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2200/451 (2013.01); **H03F 2200/102** (2013.01)(71) Applicant: **Qorvo US, Inc**, Greensboro, NC (US)(72) Inventor: **Nadim Khlat**, Cugnaux (FR)(21) Appl. No.: **17/308,249**

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A difference between subsequent measures of a second signal when a first signal crosses a threshold value can be used to estimate a delay between the first and second signal. The delay can be used to compensate for delays between an envelope power supply signal and a radio frequency (RF) input signal.

