

TABLE 2 MEASUREMENT RESULTS OF ADS7886 DIGITAL OUTPUT WITH OPA364

Time (nsec)		60	120	180	240	300	360	420	480	540	600	660	720
	Bin	Frequency (Hz)											
Histogram (code)	2044	0	0	0	0	0	0	0	0	0	0	0	0
	2045	0	0	0	0	0	0	0	0	0	0	0	0
	2046	4095	4095	4095	4095	4095	4095	4091	4052	4007	4001	3981	4028
	2047	0	0	0	0	0	0	4	43	88	94	114	67
	2048	0	0	0	0	0	0	0	0	0	0	0	0
Sigma		0	0	0	0	0	0	0.031242	0.101946	0.145027	0.149778	0.164531	0.126877
Mean		2046	2046	2046	2046	2046	2046	2046.001	2046.011	2046.021	2046.023	2046.028	2046.016
Peak-to-peak noise (code)		0	0	0	0	0	0	0.2062	0.67284	0.957181	0.988533	1.085904	0.837385
		0	0	0	0	0	0	0.000977	0.010501	0.02149	0.022955	0.027839	0.016361

Note: Resistance is 66.5Ω, and input capacitance is 1500 pF for the relatively stable circuit.