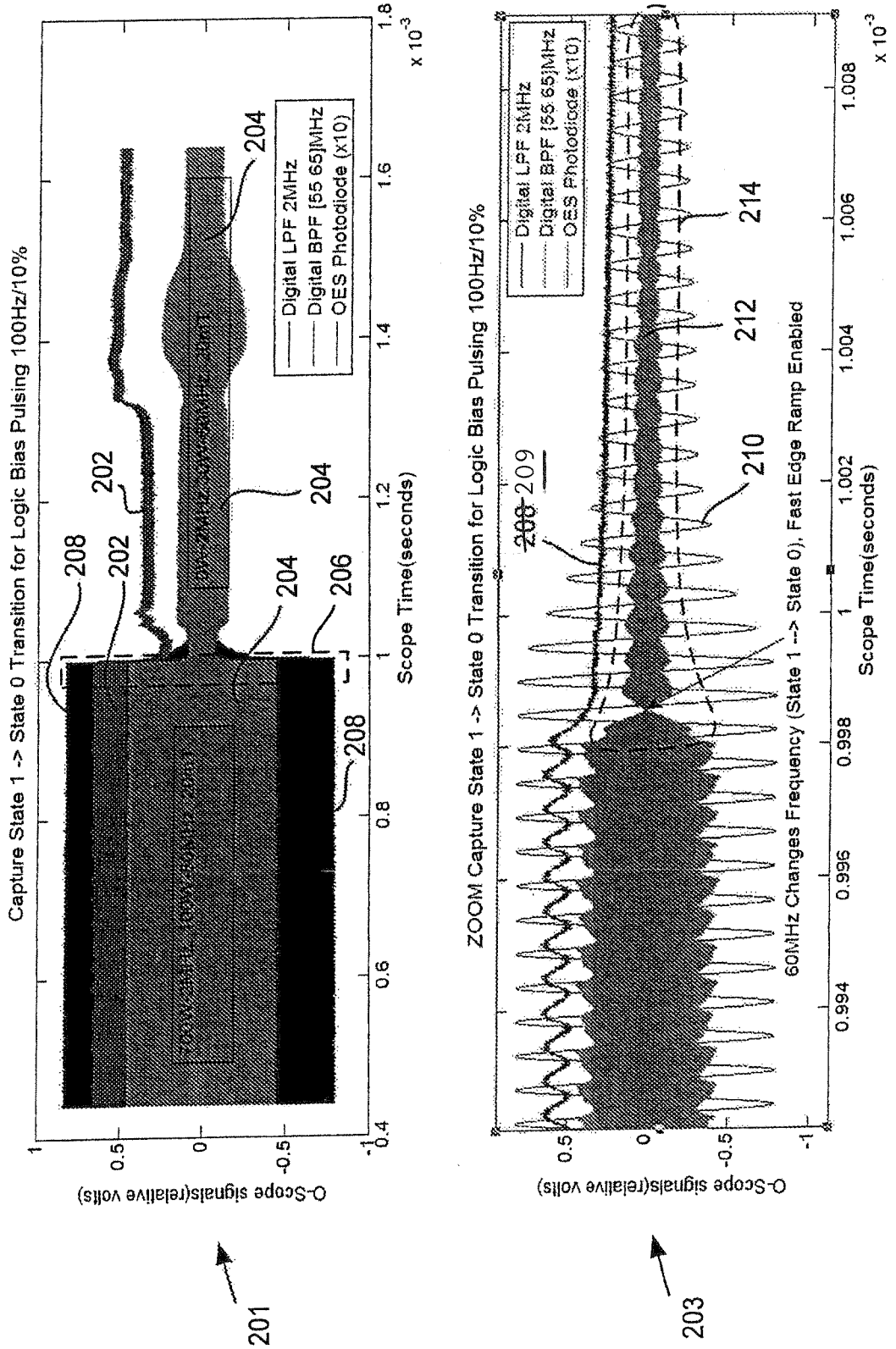
Capture State 1 -> State 0 Transition for Logic Bias Pulsing 100Hz/10%
Digital LPF 2MHz
Digital BPF [55 65]MHz
OES Photodiode (x10)
O-Scope signals(relative volts)
Scope Time(seconds)
x 10^-3
208
202
204
206
201
ZOOM Capture State 1 -> State 0 Transition for Logic Bias Pulsing 100Hz/10%
209
210
212
214
60MHz Changes Frequency (State 1 --> State 0), Fast Edge Ramp Enabled
203

FIG. 3

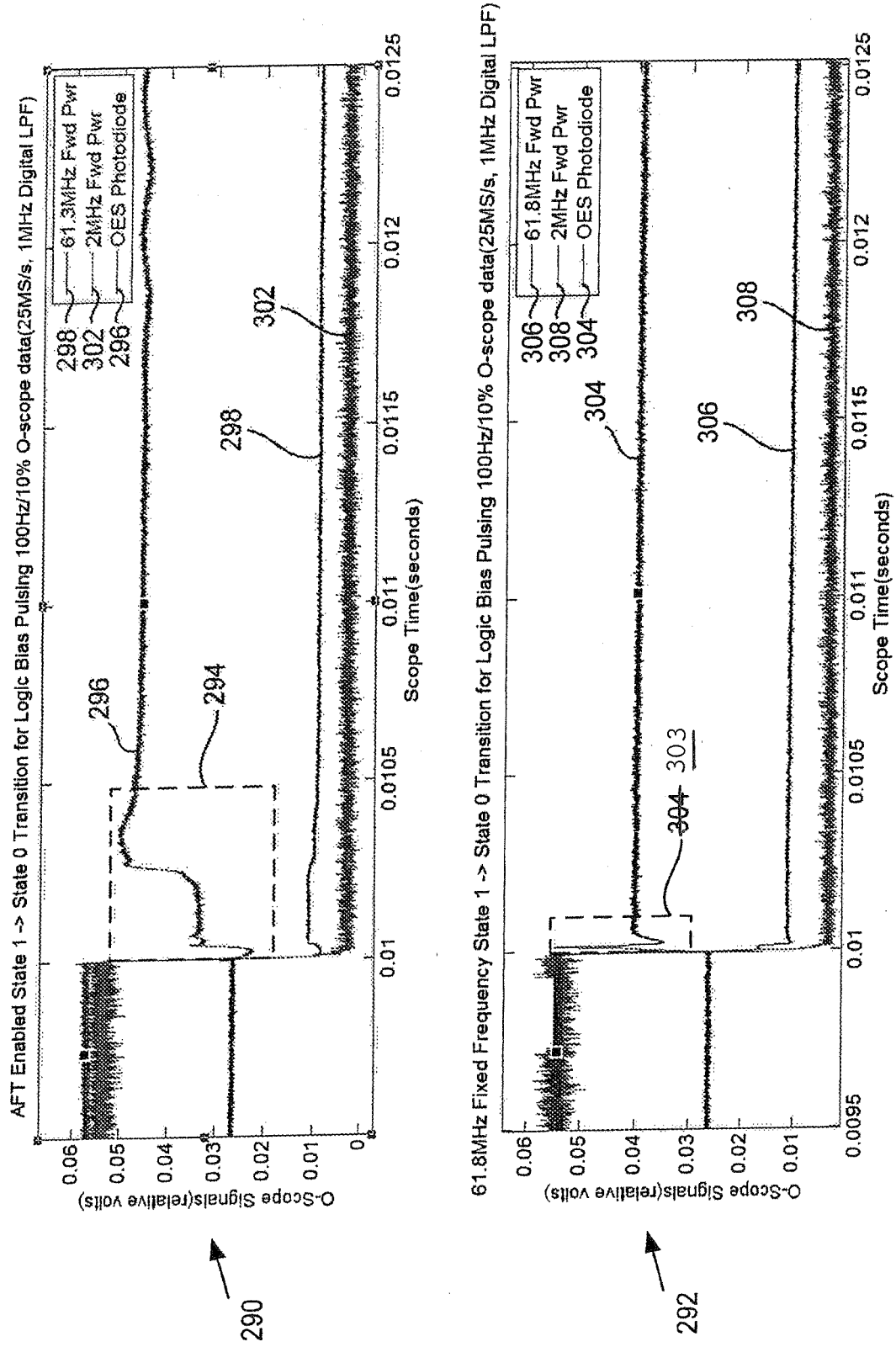
AFT Enabled State 1 -> State 0 Transition for Logic Bias Pulsing 100Hz/10% O-scope data(25MS/s, 1MHz Digital LPF)
61.3MHz Fwd Pwr
2MHz Fwd Pwr
OES Photodiode
298
302
296
296
294
298
302
O-Scope Signals(relative volts)
Scope Time(seconds)
290
61.8MHz Fixed Frequency State 1 -> State 0 Transition for Logic Bias Pulsing 100Hz/10% O-scope data(25MS/s, 1MHz Digital LPF)
61.8MHz Fwd Pwr
2MHz Fwd Pwr
OES Photodiode
306
308
304
304
306
308
303
O-Scope Signals(relative volts)
Scope Time(seconds)
292

FIG. 5