



It is critical to take into account the PA gain variation over temperature, voltage and process variations to make sure the RFIN and RFFB levels always meet the SC2200 datasheet requirements

Delay Line Configuration Options

| Component Reference | Delay Line Configuration Options | | | | | |
|---------------------|----------------------------------|---------------------------------------|-------------------------|---------------------------------------|-------------------------|---------------------------------------|
| | EVK900 (700-960 MHz) | | EVK1900 (1800-2200 MHz) | | EVK2400 (2300-2800 MHz) | |
| | No delay line (classAB) | With delay line (doherty or wide IBW) | No delay line (classAB) | With delay line (doherty or wide IBW) | No delay line (classAB) | With delay line (doherty or wide IBW) |
| Designator | Value | Value | Value | Value | Value | Value |
| R194 | 0 Ohm | NL | 0 Ohm | NL | 0 Ohm | NL |
| R222 | NL | 0 Ohm | NL | 0 Ohm | NL | 0 Ohm |
| R223 | NL | 0 Ohm | NL | 0 Ohm | NL | 0 Ohm |
| C292 | 221 Ohm | 432 Ohm | 221 Ohm | 1.3pF | 221 Ohm | NL |
| R192 | 24.3 Ohm | 11.5 Ohm | 24.3 Ohm | 1nH | 24.3 Ohm | 0 Ohm |
| C160 | 221 Ohm | 432 Ohm | 221 Ohm | NL | 221 Ohm | 1.2pF |
| R201 | 0 Ohm | NL | 0 Ohm | NL | 0 Ohm | NL |
| R195 | NL | 0 Ohm | NL | 0 Ohm | NL | 0 Ohm |
| R241 | NL | 0 Ohm | NL | 0 Ohm | NL | 0 Ohm |
| C293 | 221 Ohm | 423 Ohm | 221 Ohm | 1.3pF | 221 Ohm | NL |
| R193 | 24.3 Ohm | 11.5 Ohm | 24.3 Ohm | 1nH | 24.3 Ohm | 0 Ohm |
| C163 | 221 Ohm | 432 Ohm | 221 Ohm | NL | 221 Ohm | 1.2pF |

Default Configuration in **BOLD**. Refer to Hardware Design Guide for detail.

"This document contains confidential information proprietary to Maxim Integrated Products, Inc., and is provided under a non-disclosure agreement. Unauthorized copying or distribution is prohibited. Maxim Integrated and Maxim Integrated logo are trademarks of Maxim Integrated Products, Inc. All other trademarks are the property of their respective owners. No circuit patent licenses are implied. Maxim Integrated Products, Inc. reserves the right to change its product specifications at any time. © 2015, Maxim Integrated Products, Inc. All Rights Reserved."