# SimpliciTI Channel Table Information

| Wi-Fi Freq(GHz) | Wi-Fi Channels | IEEE Radios Freq(GHz) | IEEE Channel Numbers | CC2500/10/11 Channel Numbers | CC2500 Peaks (GHz) | CC1100/CC1110 Freq(MHz) | CC1100 Channel Numbers | CC1100E (470MHz) Freq(MHz) | CC1100E470 Channel Numbers | CC1100E(950MHz) Freq(MHz) | CC1100E950 Channel Numbers |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2.405 | 11 | | | | | | | | |
| 2.412 | 1 | 2.410 | 12 | | | 902 | | 480 | | 955 | |
| 2.417 | 2 | 2.415 | 13 | | | 904 | | 482 | | 956 | 5 |
| 2.422 | 3 | 2.420 | 14 | | | 906 | 20 | 484 | 20 | 957 | 10 |
| 2.427 | 4 | 2.425 | 15 | 3 | 2.4257 | 908 | | 486 | | 958 | 15 |
| 2.432 | 5 | 2.430 | 16 | | | 910 | | 488 | 40 | 959 | 20 |
| 2.437 | 6 | 2.435 | 17 | | 2.4353 | 912 | 50 | 490 | | 960 | |
| 2.442 | 7 | 2.440 | 18 | | | 914 | | 492 | 60 | | |
| 2.447 | 8 | 2.445 | 19 | | | 916 | | 494 | | | |
| 2.452 | 9 | 2.450 | 20 | 103 | 2.4508 | 918 | 80 | 496 | 80 | | |
| 2.457 | 10 | 2.455 | 21 | | | 920 | | 498 | | | |
| 2.462 | 11 | 2.460 | 22 | | | 922 | | 500 | | | |
| | | 2.465 | 23 | | | 924 | 110 | | | | |
| | | 2.470 | 24 | | | 926 | | | | | |
| | | 2.475 | 25 | 202 | 2.4755 | 928 | | | | | |
| | | 2.480 | 26 | 212 | 2.4807 | | | | | | |

Wi-Fi Inteference bands

Frequency channel used in SimpliciTI

**Notes: For CC2500, CC2510 & CC2511**
In SmartRF Studio
Set RF (base) frequency to 2425.0 MHz
Set Channel (spacing) to 250 KHz

**Notes: For CC1100E**
In SmartRF Studio
Set RF (base) frequency to 480 MHz (470MHz Band)
and 955 MHz (950MHz Band)
Set Channel (spacing) to 200KHz

**Notes: For CC1100 & CC1110**
In SmartRF studio
Set RF (base) frequency to 902 MHz