

1.1 CFR47 SECTION 2.1033(C) 9 (TX POWER TUNING)

The transmitter power tuning is controlled by the network. The information for the transmit power is sent by the Gateway and local AGC is used to maintain the power. The AGC is also used to limit the maximum transmit power under abnormal request sent by the gateway. The following tuning range is used:

0.5dB +/-0.5dB for a nominal 0.5dB change requested by gateway, over whole operating frequency range.

10dB +/-2dB for a nominal 10dB change requested by gateway, over whole operating frequency range.