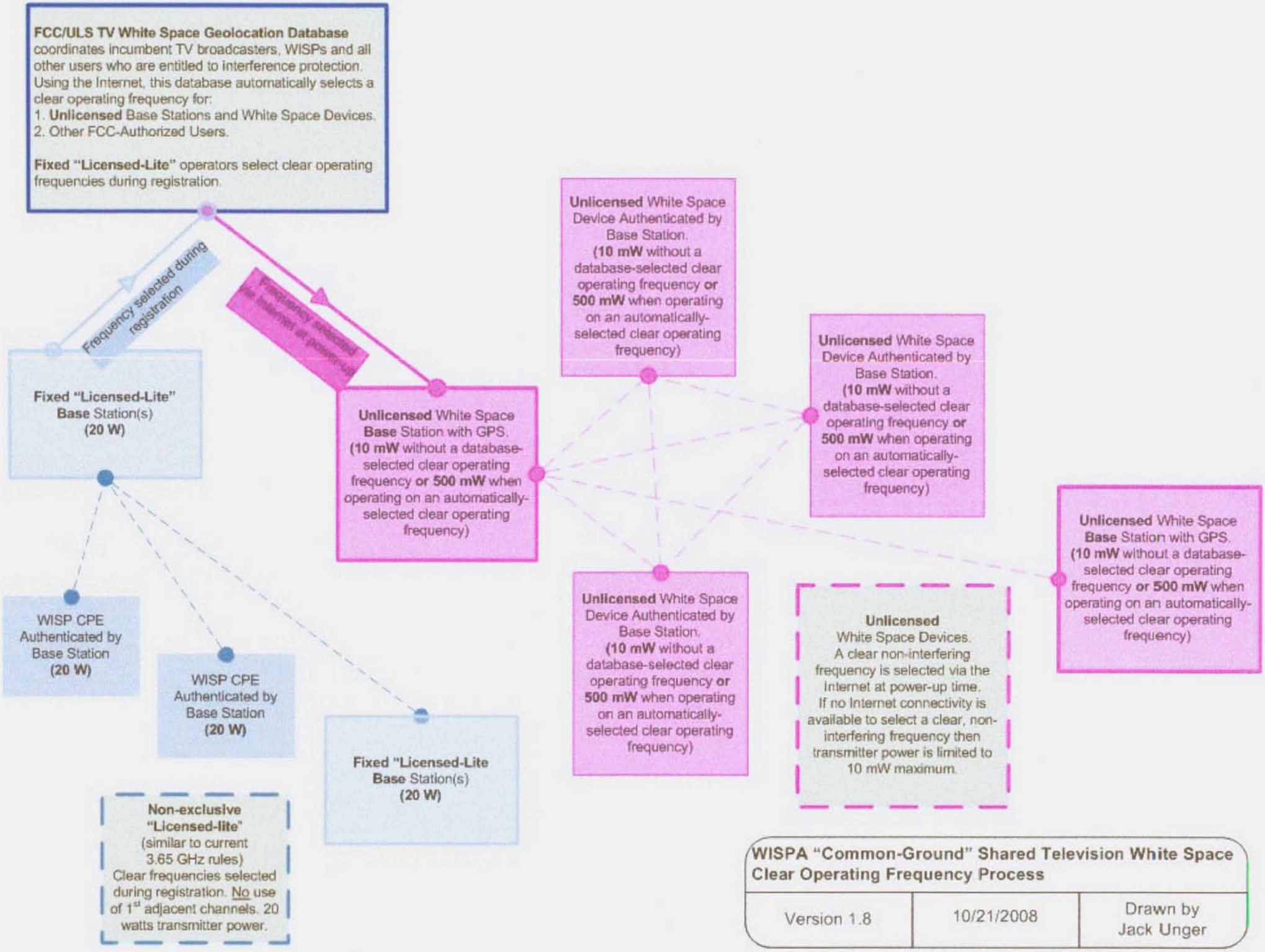
FCC/ULS TV White Space Geolocation Database coordinates incumbent TV broadcasters, WISPs and all other users who are entitled to interference protection. Using the Internet, this database automatically selects a clear operating frequency for:
1. Unlicensed Base Stations and White Space Devices.
2. Other FCC-Authorized Users.
Fixed "Licensed-Lite" operators select clear operating frequencies during registration.
Frequency selected during registration
Frequency selected via Internet at power-up
Fixed "Licensed-Lite" Base Station(s) (20 W)
Unlicensed White Space Base Station with GPS. (10 mW without a database-selected clear operating frequency or 500 mW when operating on an automatically-selected clear operating frequency)
Unlicensed White Space Device Authenticated by Base Station. (10 mW without a database-selected clear operating frequency or 500 mW when operating on an automatically-selected clear operating frequency)
Unlicensed White Space Device Authenticated by Base Station. (10 mW without a database-selected clear operating frequency or 500 mW when operating on an automatically-selected clear operating frequency)
Unlicensed White Space Base Station with GPS. (10 mW without a database-selected clear operating frequency or 500 mW when operating on an automatically-selected clear operating frequency)
Unlicensed White Space Devices. A clear non-interfering frequency is selected via the Internet at power-up time. If no Internet connectivity is available to select a clear, non-interfering frequency then transmitter power is limited to 10 mW maximum.
WISP CPE Authenticated by Base Station (20 W)
WISP CPE Authenticated by Base Station (20 W)
Fixed "Licensed-Lite Base Station(s) (20 W)
Non-exclusive "Licensed-lite" (similar to current 3.65 GHz rules) Clear frequencies selected during registration. No use of 1st adjacent channels. 20 watts transmitter power.
WISPA "Common-Ground" Shared Television White Space Clear Operating Frequency Process
Version 1.8
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Drawn by Jack Unger