§ 22.757 Channels for basic exchange telephone radio systems.

The channels listed in §22.725 are also allocated for paired assignment to transmitters in basic exchange telephone radio systems.

[70 FR 19309, Apr. 13, 2005]

§ 22.759 Power limit for BETRS.

The effective radiated power of central office and rural subscriber station transmitters used in basic exchange telephone radio systems must not exceed the limits in this section.

(a) Maximum ERP. The effective radiated power (ERP) of central office and rural subscriber station transmitters in BETRS must not exceed the applicable limits in this paragraph under any circumstances.

(b) Height-power limit. The ERP of central office stations in BETRS must not exceed the amount calculated as follows:

\[ \text{ERP}_c = \frac{557,418}{h_m^2} \]

where \( \text{ERP}_c \) is the effective radiated power in Watts, \( h_m \) is the average (eight cardinal radial) antenna height above average terrain in meters.

Subpart G—Air-Ground Radiotelephone Service

§ 22.801 Scope.

The rules in this subpart govern the licensing and operation of air-ground stations and systems. The licensing and operation of these stations and systems is also subject to rules elsewhere in this part and in part 1 of this chapter that generally apply to the Public Mobile Services. In case of conflict, however, the rules in this subpart govern.

[70 FR 19309, Apr. 13, 2005]