FCC & J3Tech

Quiet Zone (Section 333)

Discussion

Sep 2017 V 1.0

J3Tech & Securus

- Co-founders worked as consultants to Securus for successful MAS deployment at two facilities (but were not involved at all in the design and development of the MAS system)
- Co-founders no longer working as consultants to Securus
- There is still a Mutual NDA in place, therefore there will be ***NO DISCUSSION*** regarding the Securus MAS system

Section 333

- **The Text** – No person shall willfully or maliciously interfere with or cause interference to any radio communications of any station licensed or authorized by or under this chapter or operated by the United States Government.

(June 19, 1934, ch. 652, title III, § 333, as added Pub. L. 101–396, § 9, Sept. 28, 1990, 104 Stat. 850.)

- **Who is Covered?** – "No person"
- **What/Who is Protected?** – "any radio communications of any station licensed or authorized by or under this chapter or operated by the United States Government"
- **What is Interfere?** – take part or intervene in an activity without invitation or necessity (Google definition)

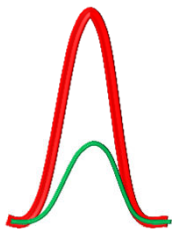
Shielded Micro Jamming (SMJ)

FEATURES

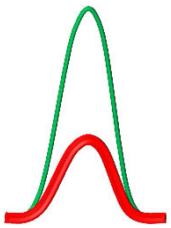
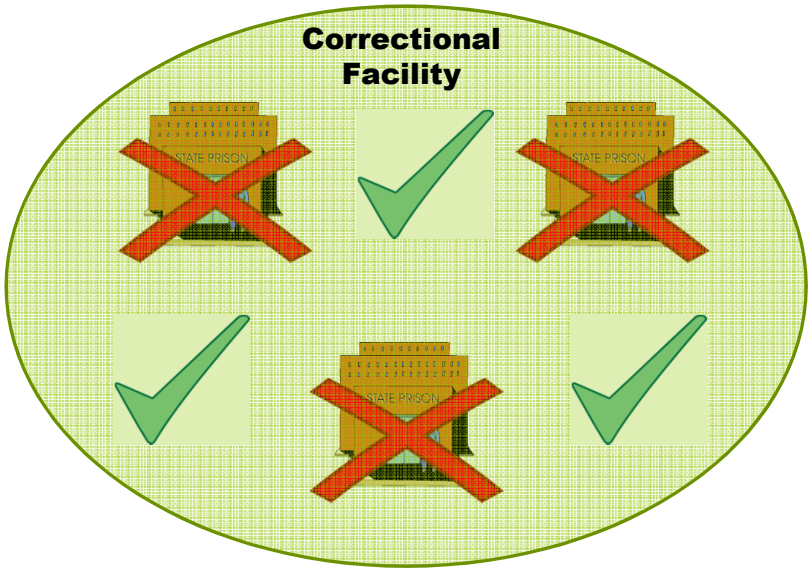
- **Targeted Power** – Strong enough to dominate the carrier signal within the quiet zone, but shielded from the outside area for non-interference
- **Calls Allowed Within Facility** – Calls are allowed within the facility outside of the quiet zone areas (and everywhere outside of the facility)
- **Selective 911** – 911 calls are allowed within the facility outside of the quiet zone areas (and everywhere outside of the facility)

DUAL REQUIREMENTS

- **Dominate** – Dominate the RF environment inside the ***quiet zone*** to prevent handset connection to carrier network
- **Non-Interference** – No interference with the carrier signals outside the ***quiet zone***



INSIDE Quiet Zone



OUTSIDE Quiet Zone