

# Code Of Federal Regulations Title 47 Telecommunication Pt 20 39 Revised As Of October 1 2010

## Code of Federal Regulations Title 47 Telecommunication Pt 20-39 Revised as of October 1, 2010: A Comprehensive Overview

The Code of Federal Regulations (CFR) Title 47, Telecommunication, Part 20-39, revised as of October 1, 2010, represents a significant body of regulations governing various aspects of the telecommunications industry in the United States. Understanding this section of the CFR is crucial for anyone involved in telecommunications, from service providers and manufacturers to researchers and policymakers. This article delves into the key aspects of Title 47, Part 20-39, focusing on its structure, implications, and practical applications. We'll explore key areas like **frequency allocation**, **radio licensing**, and **technical standards**, highlighting their relevance in the modern telecommunications landscape.

### Introduction to CFR Title 47, Part 20-39

CFR Title 47, Part 20-39, encompasses a broad range of rules and regulations pertaining to specific aspects of the telecommunications sector. While the October 1, 2010, revision is now superseded by later updates, understanding this specific version provides valuable context for interpreting subsequent changes. This part of the CFR deals with the technical standards and licensing procedures governing various communication technologies. It addresses crucial elements like the allocation of radio frequencies, a critical resource for wireless communication, and the technical standards that equipment must meet to operate legally within the US spectrum. This intricate body of rules impacts everything from cellular networks to amateur radio operations, and understanding its core tenets is essential for navigating the complexities of US telecommunications law. The regulations within this section are regularly updated to reflect technological advancements and evolving industry needs, leading to subsequent revisions and amendments.

### Frequency Allocation and Management

A cornerstone of CFR Title 47, Part 20-39, is the allocation and management of radio frequencies. This section details the specific frequencies assigned to different communication services, ensuring that various technologies can operate without significant interference. **Radio frequency licensing** is another key component; the rules stipulate the procedures for obtaining licenses to operate on specific frequencies, addressing eligibility, application processes, and compliance requirements. The regulations aim to manage spectrum efficiently, preventing harmful interference and promoting fair access to this valuable resource. Understanding this aspect is paramount for any entity seeking to deploy new telecommunications technologies or operate existing systems. For instance, a company launching a new wireless service must carefully navigate these regulations to secure appropriate frequencies and licenses.

### Technical Standards and Compliance

CFR Title 47, Part 20-39, also establishes technical standards for telecommunications equipment. These standards, often detailed in separate sections or referenced documents, ensure that equipment operates reliably and does not cause interference with other systems. Compliance with these technical requirements is crucial for gaining certification and operating legally within the United States. This part addresses issues like power output limits, emission characteristics, and compatibility standards. **Equipment authorization** is the process by which manufacturers demonstrate their products meet these specifications. This section, therefore, directly impacts the manufacturing, importation, and deployment of telecommunications devices, impacting both large corporations and small innovators alike. Failure to comply can result in significant penalties and market restrictions.

### Licensing and Regulatory Procedures

This part of the CFR also details the licensing and regulatory procedures governing different communication services. These procedures vary depending on the type of service, frequency used, and power levels involved. Understanding the specific requirements for a particular application (such as amateur radio licensing versus commercial cellular network licensing) is vital for compliance. This aspect of the regulation focuses on the procedural aspects of obtaining authorization, maintaining compliance, and addressing violations. This involves navigating the application process, responding to inquiries from the FCC, and adhering to reporting requirements. The **Federal Communications Commission (FCC)** is the primary agency responsible for

overseeing these regulatory frameworks and enforcing these rules.

## Impact and Future Implications of CFR Title 47, Part 20-39

The regulations outlined in CFR Title 47, Part 20-39, have significantly shaped the development and deployment of telecommunications technologies in the United States. They have fostered a relatively ordered and predictable spectrum landscape, enabling the growth of various wireless services. However, the rapid pace of technological advancements necessitates continuous updates to the regulations. The future of these regulations will likely involve addressing the challenges presented by new technologies, such as 5G and beyond, and the increasing demands for spectrum efficiency and security.

## Frequently Asked Questions

### Q1: What happens if I don't comply with CFR Title 47, Part 20-39?

A1: Non-compliance can result in severe penalties, including fines, equipment seizure, license revocation, and even criminal charges in certain cases. The severity of the penalty depends on the nature and extent of the violation.

### Q2: How do I obtain a radio license under CFR Title 47, Part 20-39?

A2: The process involves applying to the FCC through their online system, providing the necessary information and documentation, and paying the relevant fees. The specific requirements vary depending on the type of license sought.

### Q3: Are there any exemptions to the regulations outlined in CFR Title 47, Part 20-39?

A3: Yes, there might be limited exemptions, but these are generally rare and granted only under specific circumstances. These would typically need to be applied for separately and justified.

### Q4: How often is CFR Title 47, Part 20-39 updated?

A4: The CFR is regularly updated to reflect changes in technology and industry best practices. Check the official FCC website for the latest version.

### Q5: Where can I find the complete text of CFR Title 47, Part 20-39?

A5: The complete and current version of the CFR is available on the official website of the Federal Communications Commission (FCC) and also through government publishing offices.

### Q6: How does this regulation affect amateur radio operators?

A6: Amateur radio operators must comply with the licensing and technical standards specified in relevant sections of CFR Title 47, Part 20-39 to operate legally. This includes obtaining appropriate licenses and ensuring their equipment meets the technical requirements.

### Q7: Does this regulation apply to international telecommunications?

A7: Primarily, this regulation focuses on telecommunications within the United States. However, international agreements and treaties may influence certain aspects, and US-based companies operating internationally must adhere to both US and relevant international regulations.

### Q8: What resources are available to help me understand CFR Title 47, Part 20-39?

A8: The FCC website offers numerous resources, including guides, FAQs, and contact information for assistance. Legal professionals specializing in telecommunications law can also provide valuable expertise in interpreting and applying these regulations.

Delving into the Depths of 47 CFR Part 20, Section 39 (October 1, 2010): A Comprehensive Examination

The guidelines outlined in the Code of Federal Regulations Title 47, Telecommunication, Part 20, Section 39, revised as of October 1, 2010, provide a fascinating view into the complex world of transmission licensing and conformity. This section, specifically addressing precise features of radio bands, serves as a critical part of the larger framework governing transmission operations in the United States. Understanding its details is vital for anyone engaged within this area.

This article aims to deconstruct the key provisions of 47 CFR Part 20, Section 39, presenting a lucid explanation for a varied public. We will unravel the expert language and explain its effects in plain English.

### Understanding the Context:

47 CFR Part 20, encompassing various sections, deals with the allocation and utilization of radio bands. Section 39, specifically, zeroes in on particular aspects of these apportionments. It explains the methods and

specifications for obtaining and keeping licenses for specific types of wireless services. These services might go from private radio transmissions to more sophisticated systems.

### Key Provisions and Interpretations:

The regulations within 47 CFR Part 20, Section 39, should not easily summarized in a few sentences. Their complexity stems from the need to harmonize opposing needs of various users of the radio spectrum.

For case, the section likely deals with issues like:

- **Frequency Assignment:** This covers the exact radio frequencies available for various sorts of services. This is a important element because efficient use of the finite radio band is important.
- **Licensing Requirements:** The section presumably outlines the process for applying for and obtaining the necessary licenses. This involves providing exact requests that meet rigorous specifications.
- **Technical Criteria:** The regulations likely describe the functional characteristics that licensed systems must meet. This ensures consistency and prevents clash between different radio activities.
- **Operational Constraints:** The regulations might place restrictions on how licensed systems can be utilized. This could contain power restrictions, channel width apportionment, and operational methods.

### Practical Implications and Uses:

A comprehensive understanding of 47 CFR Part 20, Section 39, is essential for a wide spectrum of people, including:

- **Radio Operators:** Grasping these regulations is crucial for confirming adherence and precluding penalties.
- **License Petitioners:** Understanding the requirements is vital for drafting complete and accurate license applications.
- **Lawyers and Consultants:** These professionals need to be acquainted with these regulations to present exact legal guidance to their clients.
- **Regulatory Bodies:** These agencies need to enforce the regulations successfully.

### Conclusion:

47 CFR Part 20, Section 39, revised as of October 1, 2010, symbolizes a intricate yet crucial set of regulations governing the assignment and use of radio frequencies. Grasping its clauses is important for several stakeholders within the transmission industry. While the particulars are complex, the primary concept remains homogeneous: the efficient management of a restricted resource for the benefit of all.

### Frequently Asked Questions (FAQs):

#### 1. Q: Where can I find the full text of 47 CFR Part 20, Section 39?

**A:** The complete text is accessible through the official website of the Federal Communications Commission (FCC) and through various legal databases.

#### 2. Q: Are there any penalties for non-compliance with these regulations?

**A:** Yes, non-compliance can lead in considerable sanctions, including fines and potential license revocation.

#### 3. Q: How often are these regulations updated?

**A:** The regulations are regularly amended to reflect advances in technology and sector practices. It's crucial to check the latest version.

#### 4. Q: Can I get help explaining these regulations?

**A:** Yes, the FCC's website provides data and counsel, and you can also acquire assistance from regulatory experts specializing in transmission law.

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