

47 CFR Part 87

Communications equipment, Radio
Federal Communications Commission.

William F. Caton,
Acting Secretary.

Amendatory Text

Parts 2 and 87 of Title 47 of the Code of Federal Regulations are amended as follows:

PART 2—FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS; GENERAL RULES AND REGULATIONS

1. The authority citation for Part 2 continues to read:

Authority: Sec. 4, 302, 303, and 307 of the Communications Act of 1934, as amended, 47 U.S.C. Sections 154, 302, 303, and 307, unless otherwise noted.

2. Section 2.106, the Table of Frequency Allocations, is amended as follows:

a. In columns (4) through (7) of the 1435–1530 MHz band, divide the 1435–1530 MHz band into two new smaller bands, the 1435–1525 MHz band and the 1525–1530 MHz band, to read as follows:

§ 2.106 Table of Frequency Allocations.

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International table			United States table		FCC use designators	
Region 1-allocation MHz	Region 2-allocation MHz	Region 3-allocation MHz	Government Allocation MHz	Non-Government Allocation MHz	Rule part(s)	Special-use frequencies
(1)	(2)	(3)	(4)	(5)	(6)	(7)
*	*	*	*	*	*	*
			1435–1525	1435–1525	
			MOBILE (aeronautical telemetry).	MOBILE (aeronautical telemetry).	AVIATION (87)	
			722 US78	722 US78	
1525–1530	1525–1530	1525–1530	1525–1530	1525–1530	SATELLITE COMMUNICATION (25).	
SPACE OPERATION (space-to-Earth).	SPACE OPERATION (space-to-Earth).	SPACE OPERATION (space-to-Earth).	MOBILE-SATELLITE (space-to-Earth).	MOBILE-SATELLITE (space-to-Earth).	Aviation (87).	
FIXED	MOBILE-SATELLITE (space-to-Earth).	FIXED	Mobile (aeronautical telemetry).	Mobile (aeronautical telemetry).		
MARITIME MOBILE-SATELLITE (space-to-Earth).	Earth Exploration-Satellite.	MOBILE-SATELLITE (space-to-Earth).				
Land Mobile-Satellite (space-to-Earth) 726B.	Fixed	Earth Exploration-Satellite.				
Earth Exploration-Satellite.	Mobile 723	Mobile 723 724 ...				
Mobile except aeronautical mobile 724.						
722 723B 725 726A 726D.	722 723A 726A 726D.	722 726A 726D ...	722 726A US78 ...	722 726A US78.		
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b. Footnote US78 is revised to read as follows:

United States (US) Footnotes

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US78 In the mobile service, the frequencies between 1435 and 1535 MHz will be assigned for aeronautical telemetry and associated telecommand operations for flight testing of manned or unmanned aircraft and missiles, or their major components. Permissible usage includes telemetry associated with launching and reentry into the earth's atmosphere as well as any incidental orbiting prior to reentry of manned objects undergoing flight tests. The following frequencies are shared with flight telemetry mobile stations: 1444.5, 1453.5, 1501.5, 1515.5, 1535.5 and 1525.5 MHz.

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PART 87—AVIATION SERVICES

1. The authority citation in Part 87 continues to read:

Authority: 48 Stat. 1066, 1082, as amended; 47 U.S.C. 154, 303, unless otherwise noted. Interpret or apply 48 Stat. 1064–1068, 1081–1105, as amended; 47 U.S.C. 151–156, 301–609.

2. Section 87.187(p) is revised to read as follows:

§ 87.187 Frequencies

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(p) The frequency band 1435.1525 MHz is available on a primary basis and the 1525–1535 MHz is available on a secondary basis for telemetry and telecommand associated with the flight testing of aircraft, missiles, or related major components. This includes launching into space, reentry into the

earth's atmosphere and incidental orbiting prior to reentry. The following frequencies are shared with flight telemetry mobile stations: 1444.5, 1453.5, 1501.5, 1515.5, 1524.5 and 1525.5 MHz. See § 87.303(d).

Note: Aeronautical telemetry operations must protect mobile-satellite operations in the 1525–2535 MHz band and maritime mobile-satellite operations in the 1530–1535 MHz band.

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3. Paragraphs (d)(1) and (d)(2) of § 87.303 are revised to read as follows:

§ 87.303 Frequencies.

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(d)(1) Frequencies in the bands 1435–1525 MHz and 2310–2390 MHz are assigned primarily for telemetry and telecommand operations associated with the flight testing of manned or