

2300-2305 MHz

1. Introduction

Federal usage of the 2300-2305 MHz band by the Department of Defense is minimal and confined to a few locations, and all operations are conducted on a non-interference basis.

2. Allocations

2a. Allocations Table

The frequency allocations table shown below is extracted from the Manual of Regulations and Procedures for Federal Radio Frequency Management, Chapter 4 – Allocations, Allotments and Plans.

Table of Frequency Allocations

United States Table

Federal Table	Non-Federal Table	FCC Rule Part(s)
2300-2305 G122	2300-2305 Amateur	Amateur Radio (97)

2b. Additional Allocations Table Information

G122 In the bands 2300-2310 MHz, 2395-2400 MHz, 2400-2417 MHz, and 4940-4990 MHz, Federal operations may be authorized on a non-interference basis to authorized non-Federal operations, and shall not constrain the implementation of any non-Federal operations.

3. Federal Agency Use

3a. Federal Agency Frequency Assignments Table

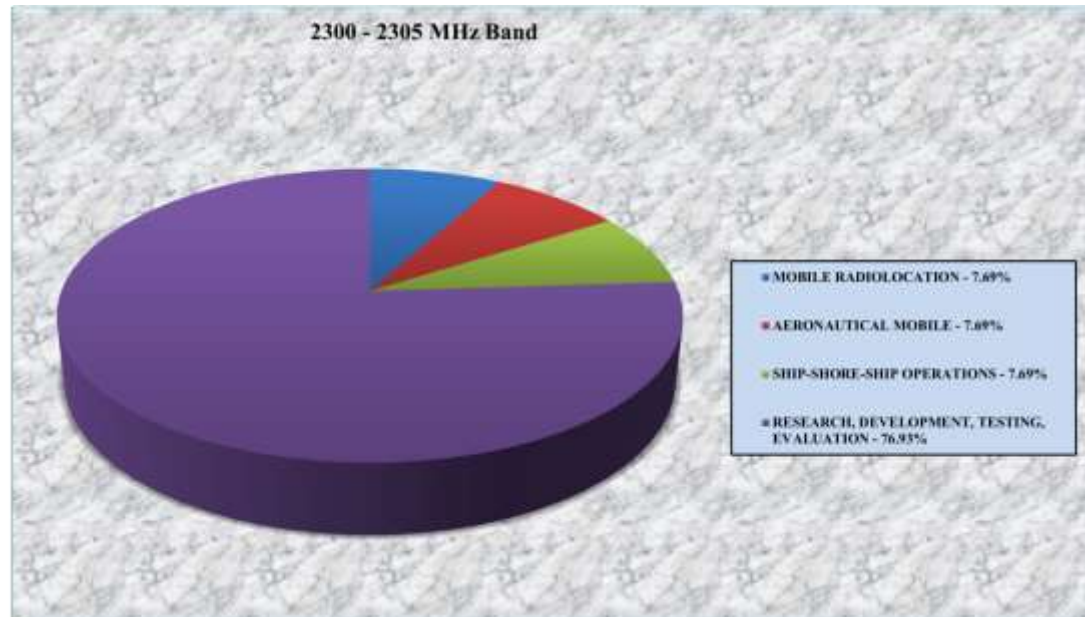
The following table identifies the frequency band, types of allocations, types of applications, and the number of frequency assignments by agency.

Federal Frequency Assignment Table

2300-2305 MHz Band					
NON-FEDERAL EXCLUSIVE BAND					
AMATEUR					
AGENCY	TYPE OF APPLICATION				
	MOBILE RADIOLOCATION	AERONAUTICAL MOBILE	SHIP-SHOR-SHIP OPERATIONS	RESEARCH, DEVELOPMENT, TESTING, EXPERIMENTAL	TOTAL
AF				10	10
AR		1			1
N	1		1		2
TOTAL	1	1	1	10	13
The number of actual systems, or number of equipments, may exceed and sometimes far exceed, the number of frequency assignments in a band. Also, a frequency assignment may represent, a local, state, regional or nationwide authorization. Therefore, care must be taken in evaluating bands strictly on the basis of assignment counts or percentages of assignments.					

3b. Percentage of Frequency Assignments Chart

The following chart displays the percentage of frequency assignments for the various types of Federal systems operating in the 2300-2305 MHz band.



4. Frequency Band Analysis by Application

Federal operations in the 2300-2305 MHz band must be conducted on a non-interference basis to the non-Federal amateur service and are subject to prior coordination with the Federal Communications Commission (FCC).

4a. Research, Development, Testing and Evaluation

The Air Force uses this band for research and development, operational tests, tactics and training.

4b. Radiolocation

The Navy uses this band for a shipboard radar system located at the Fleet Operational Readiness Accuracy Checksite in Hawaii, which provides measurement of a ship sensor (e.g., shipboard direction finder) to check its navigation accuracy in littoral waters along the coast of Hawaii.

5. Planned Use

The Federal Government use of this band is, and is expected to remain, minimal.