

## 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*

<b>Federal Table</b>	<b>Non-Federal Table</b>	<b>FCC Rule Part(s)</b>
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

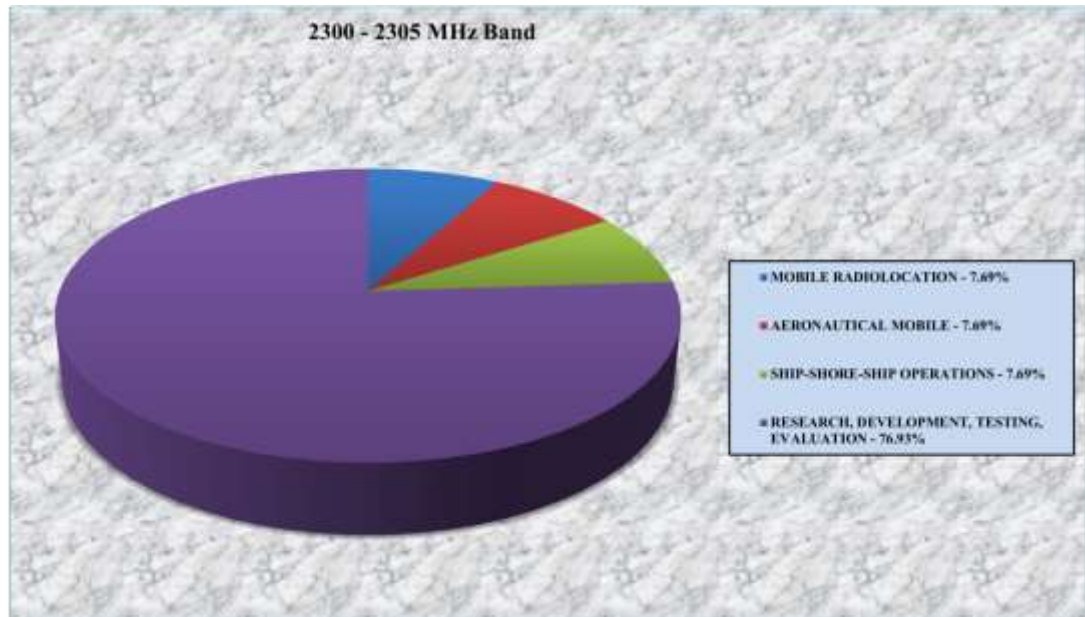
The following table identifies the frequency band, types of allocations, types of applications, and the number of frequency assignments by agency.

*Federal Frequency Assignment Table*

2300-2305 MHz Band					
NON-FEDERAL EXCLUSIVE BAND					
AGENCY	AMATEUR				
	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
<b>TOTAL</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>10</b>	<b>13</b>
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.