

(5850-5925 MHz) Experiment license request

1 Introduction

Commsignia Inc. is requesting an experimental license in the range of 5850-5925 MHz to evaluate “vehicle to vehicle” and “Vehicle to everything” communication technology.

2 Test Overview

This experimental license for the range of 5850-5925 MHz is used to develop and test vehicle communication systems and evaluate potential new technologies with the goal of studying the applications and services for the Vehicle to Vehicle and Vehicle to everything market.

The focus of testing is with vehicle mounted systems. Transmitters will utilize either 1 or 2 low power RF channels with either a 10 MHz or 20 MHz transmission bandwidth.

3 Transmitter Information

Testing will operate at different locations in the US with the transmitter parameters defined in Table 1. The devices will use a 10 or 20 MHz transmission bandwidth

Table 1 Transmitter Information

Type	Frequency (MHz)	Power (dBm EIRP)	Power (W EIRP)	Power (W ERP)	Bandwidth (MHz)	Emissions Designator:	Location:
Mobile	5850-5925	33	2	1.21	10 and 20	10M00W7W 20M00W7W	TBD