

First Person View (FPV) utilization rules pertaining to the usage of 5.8ghz video transmission at OCMA, Connex digital systems and DJI (non 5.8) are not required to follow this frequency schedule.

The purpose of these rules is to prevent interference with pilots and craft that could result in injury, crashes, or lost models.

Video transmission, frequency and power

1) OCMA will utilize a Frequency schedule known as IMD6C with the following channels: These channels are not to be deviated from**, they are designed to work together and prevent 3rd order interference with other channels.

- a) 5658 (Raceband 1)
- b) 5695 (Raceband 2)
- c) 5760 (Fatshark 2)
- d) 5800 (Fatshark 4) ***
- e) 5880 (Raceband 7)
- f) 5917 (Raceband 8)

- ** During sanctioned FPV races the frequency schedule may be switched to an alternate schedule by the Race director
- *** 5800 (F4) will be the assigned channel for Fixed Wing FPV operations

2) Video transmission above 200 mw is not permitted.

- a) In order to transmit above 25 mw the operator must have a valid Ham operator license

5.8ghz channel assignment

There is a 5.8ghz frequency board located at the Multi-rotor pits area.

All pilots wishing to utilize 5.8ghz must sign in and out on this board.

It is the responsibility of all pilots to ensure they are not interfering with other pilots.

Multi-rotor FPV

1. May utilize all 6 5.8ghz frequencies
2. Must release 5800 (F4) frequency if requested to by a fixed wing FPV pilot.

Fixed wing FPV

1. Pilots flying FPV from the fixed wing area must note that they flying at the Fixed wing area on the board when they sign in.
2. Only 1 frequency may be assigned to the fixed wing area at a time.
3. If more than one fixed wing pilot wishes to fly 5.8ghz FPV then they must sign in and share a frequency. It is then the pilots responsibility to ensure they do not interfere with each other

Changing frequencies

1. When arriving at the field pilots should sign-in on the frequency board and determine if they need to switch their video channel.
2. No one shall plug-in a craft on an unknown 5.8ghz video freq. while any other craft are airborne.
3. When changing Video frequency pilots must notify everyone nearby they are doing such.
4. Fixed wing pilots should set their video frequency while in the **Multi-rotor** pit area and coordinate with any other FPV pilots.
5. If a pilot flying from the Multi-rotor pits determines that their craft is on the same frequency as a pilot already flying from the fixed wings area. It is the Multi-rotor pilots responsibility to contact the fixed wing pilot and ensure no interference while changing the multi-rotors frequency.

OCMA 5.8ghz Frequency board

5658(R1)	5695(R2)	5760 (F2)	5800 (F4)	5880(R7)	5917(R8)
			F i x e d W i n g P r i o r i t y		