



## Fat Shark Specification Document

<b>Model Number:</b>	<b>2422</b>
<b>Model Name:</b>	<b>5G8 RX Module - Alpha (7 Channels)</b>
<b>Certifications:</b>	<b>CE/FCC Verification</b>
<b>Document Revision/Date:</b>	<b>Rev A/ 08.05.2014</b>

### Product Description:

The NexwaveRF Alpha 5.8 GHz module is an optional modular receiver for use with Dominator goggles (DOMV1, V2, HD) to enable goggles to directly receive signals from Airwaves or NexwaveRF transmitters.

### Specifications:

#### *Electrical:*

- Supply Power: 5 V
- RX sensitivity:  $\leq -90$  dB
- RSSI output voltage: 0.4 V~2.2 V
- RF Input Level: -90dBm~-10dBm
- Video Format: NTSC/PAL
- Channel Frequencies: 5740, 5760, 5780, 5800, 5820, 5840 and 5860 MHz



#### *Mechanical:*

- Size: 42 x 25 mm
- Weight: 10.5 g

#### *Packaging:*

- Packing Method: Transparent Blister Box  
(A 5G8 Dipole Antenna also included)

### Operational Advice:

The NexwaveRF Alpha 5.8 GHz module is only designed to plug into Fat Shark Dominator models as an optional upgrade.