

EMC Technologies Pty Ltd

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To: Federal Communications Commission

Attention: Certification Officer Date: February 13, 2023

EMC Ref: M2209034

Subject: FCC FILING – FCC ID: 2A9JZ-DRO-035 (Original Certification)

DroneShield LLC is applying for FCC certification of the RfPatrol MKII.

The RfPatrol MKII is a compact and lightweight omni-directional drone detection solution. Its design and size allows it to be portable and worn by the operator.

The RfPatrol MKII is a scanning receiver however it is not capable of converting cellular communication transmission to analog voice audio.

Refer to FCC Scanning Receiver Declaration Completed.pdf for DroneShield Scanning Receiver attestation.

EUT Transmitter Details:

Type: Transceiver*

Operating Freq: 433GHz ISM Band (400-470MHz),

915GHz ISM Band (860-942MHz), 2.4GHz ISM Band (2.4 to 2.4845GHz), 5.2GHz ISM Band (5.1-5.35GHz) & 5.8GHz ISM Band (5.725-5.850GHz)

Antenna: Alpha antenna: 2000MHz-6000MHz linear, 2-4dBi,

Bravo antenna: 420MHz-470MHz linear, 2dBi, Charlie antenna: 800MHz-2720MHz linear, 3.5dBi

*Note: Module is a transceiver, but configured and programmed only as a receiver.

Please note:

- Application includes a request to not place the FCC 15.19 compliance statement on the device label (statement to be included in the user manual).
- Application includes request for short-term confidentiality (180 days) for Photos External, Test setup photos.
- Application includes request for permanent confidentiality Photos Internal as per FCC KDB 726920 D01 Confidentiality Request Procedures v01r02, Section II, 1(b).
- o DroneShield is requesting US agent service (TIMCO to act as agent Option 1)

EMC Technologies is acting as agent DroneShield LLC in this application.

Regards

Shabbir Ahmed

CEO

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