

Waiver DA 22-1158 Justification Letter

To: Federal Communication Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

Date: 05-23-2023
Model: Proceq GS8000
FCC ID: 2ANPE-GS8000

We hereby submit this justification letter to demonstrate the compliance of our device, with the conditions outlined in waiver DA 22-1158. The waiver permits the operation of the device under the following conditions:

Modulation: OFDM SFCW
Modulation Bandwidth: 30-6000 MHz
Frequency Step Size: 1-40 MHz
Dwell Time: <=2 us
Cycle Frequency: <=200 Hz

We have implemented two distinct operation modes for our device, which are described as follows:

LF+HF antenna mode:

Modulation: OFDM SFCW
Modulation Bandwidth: 40-3440 MHz
Frequency Step Size: LF antenna: 4 MHz, HF antenna: 8 MHz
Dwell Time: <=2 us
Cycle Frequency: <=200 Hz

LF antenna only mode:

Modulation: OFDM SFCW
Modulation Bandwidth: 40-960 MHz
Frequency Step Size: 4 MHz (for LF antenna)
Dwell Time: <=2 us
Cycle Frequency: <=200 Hz

We have carefully configured our device to align with the stipulated modulation types, modulation bandwidth ranges, frequency step sizes, dwell time limits, and cycle frequency requirements specified in waiver DA 22-1158.

By implementing these operation modes, our device ensures compliance with the waiver conditions and operates within the defined parameters. We have conducted extensive testing and validation procedures to confirm the adherence of our device to the aforementioned conditions.

Sincerely,

Printed Name: John Yerage
Title: Board Secretary
Company Name: Screening Eagle USA, Inc.