

From: Owen Turnbull

To: Travis Nguyen

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Subject: FCC-File.No: 0277-EX-ST-2021

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Message:

Hello,

Response to your questions:

1. Explanation of how would you coordinate any usage with a Spectrum Access System (SAS).

We would contact a SAS provider like Google, explain that we have a temporary FCC license and provide some technical details to the SAS provider, regarding Frequency/band of operation, transmit power, radio type etc. In fact we would follow the same procedure that we followed previously where we were given a FCC ID by Google SAS. Our previous Google SAS FCC ID was MAV20001 (will check with Google SAS whether this ID is still current).

2. Explanation of How would you specifically avoid causing interference to incumbent and commercial operations in the band, including General Authorized Access (GAA).

Besides working through a SAS supplier to get us in the system, we would look to do a frequency scan of the surrounding area with a Spectrum Analyzer, Low Noise Amplifier and a suitable antenna (Yagi) at the operational height. We would also look to choose a band of operation that is in the GAA band that is away from commercial operation. When not in use for specific tests, we would look to turn off the radio to reduce RF spectral pollution.

Regards

Owen Turnbull

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