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[Your Name]

[Your Title]

[Your Company]

[Street Address, City, State ZIP]

May 14, 2026

[Opposing Counsel Name]

[Firm Name]

[Address]

**Re: U.S. Patent No. 10687281 — Response to Assertion of Infringement**

Dear Counsel,

We acknowledge receipt of your correspondence asserting infringement of U.S. Patent No. 10687281 (the "10687281 Patent"). After preliminary review, we have substantial concerns about the validity, enforceability, and scope of the asserted claims, summarized below. We reserve all rights and defenses.

## **1. Subject Patent — Summary**

Here is a summary and analysis of U.S. Patent No. 10,687,281.

Patent Information

- Title: Wireless communication method and wireless communication terminal, which use discontinuous channel
- Assignee: Wilus Institute of Standards and Technology Inc.
- Inventors: Juhyung Son, Jinsam Kwak, Geonjung KO, Woojin AHN
- Filing Date: June 22, 2018
- Issue Date: June 16, 2020
- Abstract: The patent describes a method and device for wireless communication using non-contiguous channels. The core of the invention involves a wireless terminal that can receive a wireless packet, identify information about how non-contiguous channels are allocated within that packet, and then use this information to...

## **2. Validity Concerns under 35 U.S.C. § 102 — Prior Art**

We have identified prior-art references that, in our preliminary view, anticipate one or more asserted claims of the 10687281 Patent:

I have successfully retrieved the patent information for US Patent No. 10,687,281. The next step

is to analyze the "References Cited" section of this patent to identify the prior art. I will then proceed to find the full citation and publication/filing dates for each cited reference. After that, I will analyze each reference to understand its technical disclosures and compare them to the claims of US 10,687,281 to determine potential anticipation under 35 U.S.C. § 102. I have sufficient information to proceed with the analysis.

Analysis of Prior Art for U.S. Patent No. 10,687,281

Date of Analysis: April 26, 2026

Patent Under Review:

- Patent Number: 10,687,281 B2
- Title: Wireless communication method and wireless communication terminal, which use discontinuous channel
- Assignee: Wilus Institute of Standards and Technology Inc.
- Filing Date: June 22, 2018
- Issue Date: June 16, 2020

Key Claimed Invention: The patent generally describes a method and apparatus for a wireless communication terminal to receive and decode a wireless packet by obtaining and utilizing non-contiguous...

### **3. Obviousness under 35 U.S.C. § 103**

Independent of § 102, we believe the asserted claims are obvious in view of combinations of prior art that a person having ordinary skill in the art would have been motivated to combine:

Obviousness Analysis of U.S. Patent No. 10,687,281 under 35 U.S.C. § 103

This analysis examines the patentability of the claims of U.S. Patent No. 10,687,281 ("the '281 patent") in light of prior art, focusing on the doctrine of obviousness under 35 U.S.C. § 103. The analysis concludes that the key claims of the '281 patent would have been obvious to a Person of Ordinary Skill in the Art (POSITA) at the time of the invention, based on a combination of prior art references.

#### **I. Standard of Review**

Under 35 U.S.C. § 103, a patent claim is unpatentable if the differences between the claimed invention and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art. The analysis considers the scope and content of the prior art, the differences between the prior art and the claims at issue, and the level of ordinary skill in the art.

#### **II. The Invention of the '281 Patent**

The '281 patent, titled "Wireless communication method and wireless communication terminal, which use discontinuous..."

### **4. Request**

In light of the foregoing, we request that your client (i) provide a detailed claim chart identifying each accused product or service and mapping every limitation of each asserted claim, (ii) identify any prior art known to your client, including any references cited during prosecution or reexamination, and (iii) substantiate the basis for any damages or licensing demand. We are prepared to discuss the matter further once we have received and reviewed the foregoing.

Sincerely,

[Your Name]

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