To whom it may concern,

iBeta Quality Assurance conducted Presentation Attack Detection (PAD) testing in accordance with ISO/IEC 30107-3. iBeta is accredited by NIST/NVLAP (NVLAP Lab Code: 200962) to test and provide results to this PAD standard (certificate and scope may be downloaded from the NVLAP website).

This testing was conducted with Youverse's Youverse SDK v3.2 application installed on a Xiaomi Redmi Note 10 5G running Android 11 and Youverse SDK v5.1 application installed an Apple iPhone 13 running iOS 15.1.1. Both versions were supported by backend server component YouVoice-v1. iBeta conducted voice liveness testing from 15 September to 29 September 2025.

Testing was conducted in accordance with the contract for a level of spoofing technique that only utilized simple, readily available methods to create artefacts of the genuine biometric for use in the presentation attack. The subjects for the test effort were cooperative – meaning that they were willing and able to provide any and all biometric samples, including high-quality voice recordings. The test time for each PAD test per Presentation Attack Instrument (PAI) was limited to eight hours. This is considered a Level 1 PAD test effort (first of three levels).

The test method was to apply 1 bona fide subject presentation that alternated with 3 artefact presentations such that the presentation of each species consisted of 150 Presentation Attacks (PAs) and 50 bona fide presentations, or until 8 hours had passed per species per device. The results were displayed for the tester on the device as "Voice verification successful" (Android) or "Voice Verified" (iOS) for a successful attempt and "Voice verification unsuccessful" (Android) or "Your recording wasn't valid" (iOS) for an unsuccessful attempt.

iBeta was not able to gain a liveness classification with the presentation attacks (PAs) on the Youverse SDK v3.2 (Android) and Youverse SDK v5.1 (iOS) applications over a total of 1800 attacks (900 per device), resulting in an Attack Presentation Classification Error Rate (APCER) of 0%. The Bona Fide Presentation Classification Error Rate (BPCER) was also calculated and may be found in the final report.

Youverse's Youverse SDK v3.2 application installed on a Xiaomi Redmi Note 10 5G running Android 11, Youverse SDK v5.1 application installed on an Apple iPhone 13 running iOS 15.1.1, and backend server component YouVoice-v1 were tested by iBeta to the ISO 30107-3 Biometric Presentation Attack Detection Standard and found to be in compliance with Level 1.

Best regards,

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