

ARIZONA STRIP FIELD EVALUATION

WEBOOST SKY SATELLITE MESSAGING FIELD TEST SUMMARY

Selected, public-facing observations from exploratory in-vehicle satellite messaging tests with Sky toggled ON and OFF. This is not a controlled laboratory study and does not guarantee message delivery, latency or service availability.

DOCUMENT

Public reference

PREPARED

September 2026

CONDITIONS

Sunny & cloudy

DEVICES

iPhone, Pixel 9



weBoost Sky — the in-vehicle satellite messaging antenna used in this evaluation.

UNIT UNDER TEST

01 RESULTS AT A GLANCE

39

SUNNY MESSAGES
LOGGED, SKY ON (21
WITH SKY OFF)

1 vs 5

SUNNY DELAYED-
MESSAGE FLAGS,
SKY ON VS OFF

9.9s

CLOUDY AVG. DELAY,
IPHONE TO PIXEL,
SKY ON (23.9 S OFF)

8.3s

CLOUDY AVG. DELAY,
PIXEL TO IPHONE,
SKY ON (8.4 S OFF)

02 WHAT WAS TESTED

Two compatible smartphone test devices (an iPhone and Pixel 9) were used to send and receive satellite messages under sunny and cloudy field conditions. Sky was toggled ON and OFF during the evaluation. The source logs also show that phone and antenna placement varied during portions of the test.

03 SUNNY-CONDITION OBSERVATIONS

The source workbook summarizes 39 Sky-ON and 21 Sky-OFF message observations.

The key public-facing result is the frequency of delayed-message flags in the test log.

SKY STATE	LOGGED MESSAGES	RECEIVED	MARKED DELAYED
ON	39	38	1
OFF	21	21	5

INTERPRETATION

Fewer received messages were flagged as delayed in the Sky-ON observations (1 of 38) than in the Sky-OFF observations (5 of 21). Because the sample counts and placements were not fully controlled, these figures should be read as exploratory observations rather than a universal performance rate.

04 CLOUDY-CONDITION MESSAGE DELAY

The cloudy-condition log contains timestamped message samples in both directions. One device log had a consistent 12-hour AM/PM offset; that offset was normalized before delay calculations.

Average recorded message delay by direction and Sky state

DIRECTION	SKY	SAMPLES	AVG. DELAY	MAX DELAY	≥15 SEC
iPhone to Pixel 9	ON	17	9.9 s	40 s	17.6%
iPhone to Pixel 9	OFF	20	23.9 s	80 s	40.0%
Pixel 9 to iPhone	ON	18	8.3 s	35 s	22.2%
Pixel 9 to iPhone	OFF	15	8.4 s	25 s	20.0%

INTERPRETATION

In the iPhone-to-Pixel direction, average recorded delay was lower with Sky ON (9.9 s) than OFF (23.9 s). In the reverse Pixel-to-iPhone direction, average delay was essentially unchanged (8.3 s vs. 8.4 s). This directional difference is why the report does not present a single overall latency-improvement claim.

05 METHODOLOGY AND LIMITATIONS

- Exploratory field evaluation, not a controlled laboratory or certification test.
- Sample sizes were limited and unequal between Sky ON and OFF conditions.
- Phone and antenna placement and environmental conditions varied during the evaluation.
- The cloudy iPhone-to-Pixel timestamps contained a consistent 12-hour offset that was normalized before delay calculation.
- Results reflect the tested devices, route and conditions only and should not be generalized as guaranteed performance.

CLAIM GUARDRAIL

Sky does not control satellite availability, network service, app behavior or device compatibility. Nothing in this summary should be presented as a guaranteed performance rate.

06 WHAT THESE OBSERVATIONS SUPPORT

SUPPORTABLE STATEMENT

Under the recorded field conditions, Sky-ON observations showed fewer delayed-message flags in the sunny test log and lower average delay in one direction of the cloudy test. The reverse cloudy direction showed no material average-delay difference.

These findings are best used as supporting field evidence, not as a guarantee of performance.

Source: weBoost internal Arizona Strip satellite messaging field logs and summary workbook. Internal test data; not independently conducted.