

archer⁴™

 **JUNIPER®**
SYSTEMS

archer⁴_{TM}



Feature Summary

- Qualcomm QCM4490 chipset
- 128GB/8GB Storage/Memory
- Android 14 (support through 18 in 2030)
- 6.3" FHD display
- MIL-STD-810H, IP68
- Two battery options with ~5-minute hotswap
- Wi-Fi 6, 5G cellular, BT 5.2
- Dual L1/L5 chipset GNSS
- 1D/2D barcode scanner and sub-meter GNSS expansions
- \$1600

Archer 4 has 2 GNSS receivers

GNSS Options

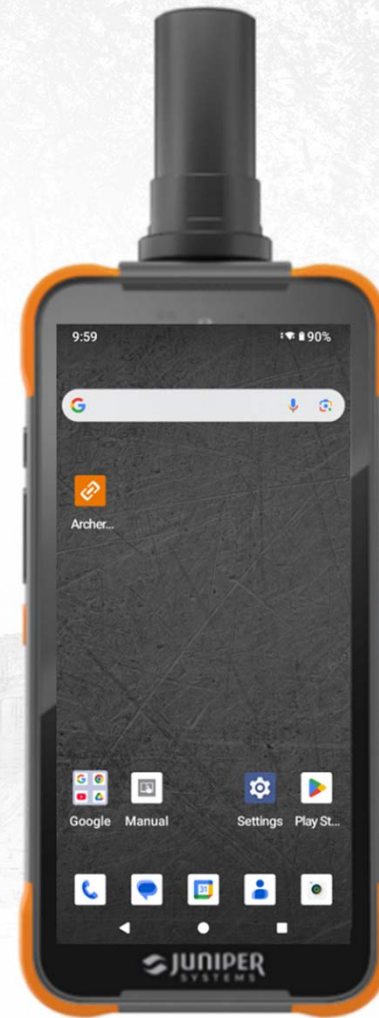
- All Archer 4 have an internal GNSS chipset
 - L1/L5 dual-frequency receiver
 - 2 to 5 meter accuracy (autonomous)
 - GPS, GLONASS, Beidou, Galileo, QZSS
- Adding the Optional GNSS Expansion Pod
 - U-Blox F9P Receiver
 - L1/L2 dual-frequency receiver
 - SBAS: 1-meter accuracy
 - RTK: 2-centimeter accuracy
 - \$1000



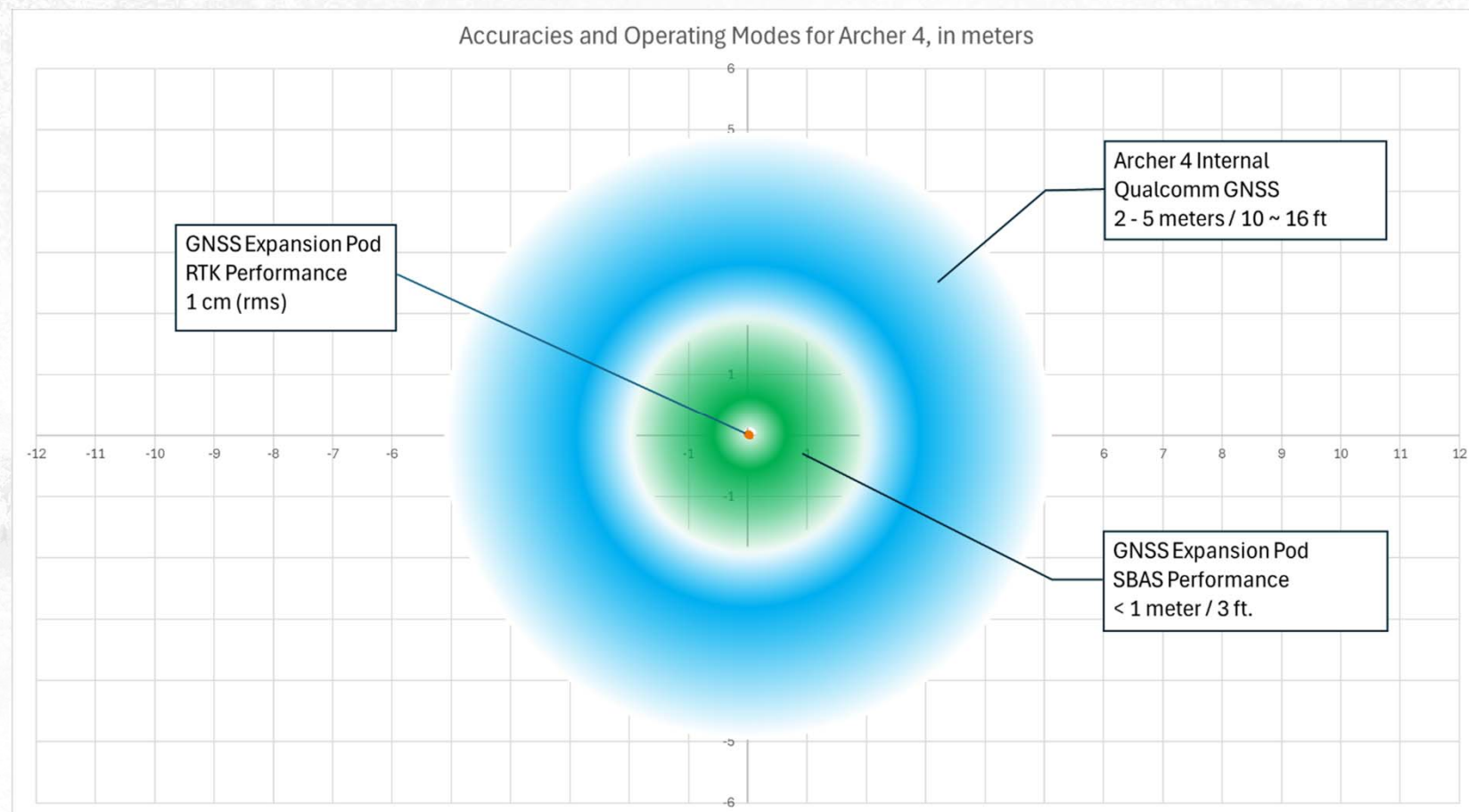
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Introducing....

- The Archer 4 GNSS Expansion Pod...now RTK Capable!
 - Centimeter-level RTK in your hand
- Includes the new Archer Connect utility app
 - Downloadable from the Google Play App Store
 - *All existing GNSS Expansion Pods can use this new feature*



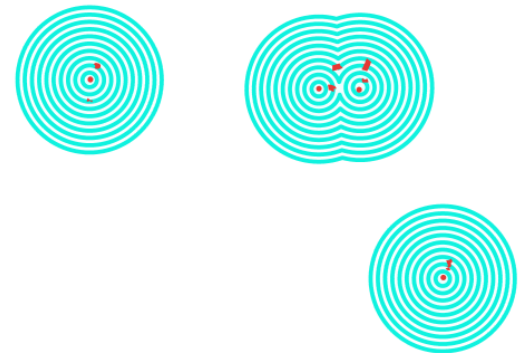
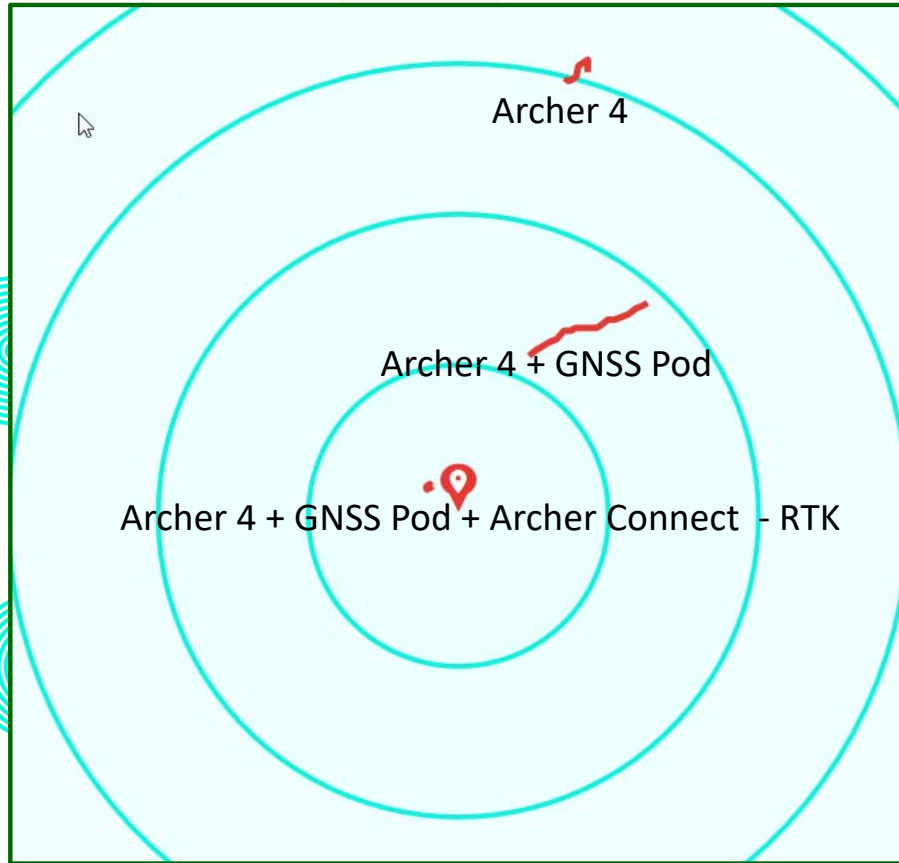
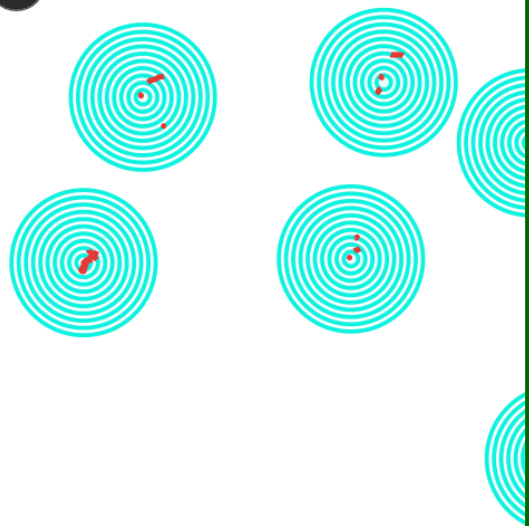
Archer 4 GNSS Performance



Archer 4 Test - 5-7-25

LMSS Static Archer 4 Test Results

May 7, 2025



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Static Archer 4 Results

Average of Horiz_Error (m)	Station														
															Avg Error (m)
GPS Unit	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	
Archer 4	1.73	1.20	1.92	2.84	4.74	1.97	1.63	1.42	4.90	1.01	3.00	5.49	6.22	5.66	3.11
Archer 4 GNSS Pod	2.50	3.20	3.99	2.16	3.44	3.05	4.27	4.23	3.02	1.73	1.51	1.89	1.85	1.97	2.76
Archer 4 GNSS RTK	0.19	0.34	0.07	0.13	0.24	0.13	0.15	0.83	0.37	0.03	0.27	0.33	1.17	0.84	0.36



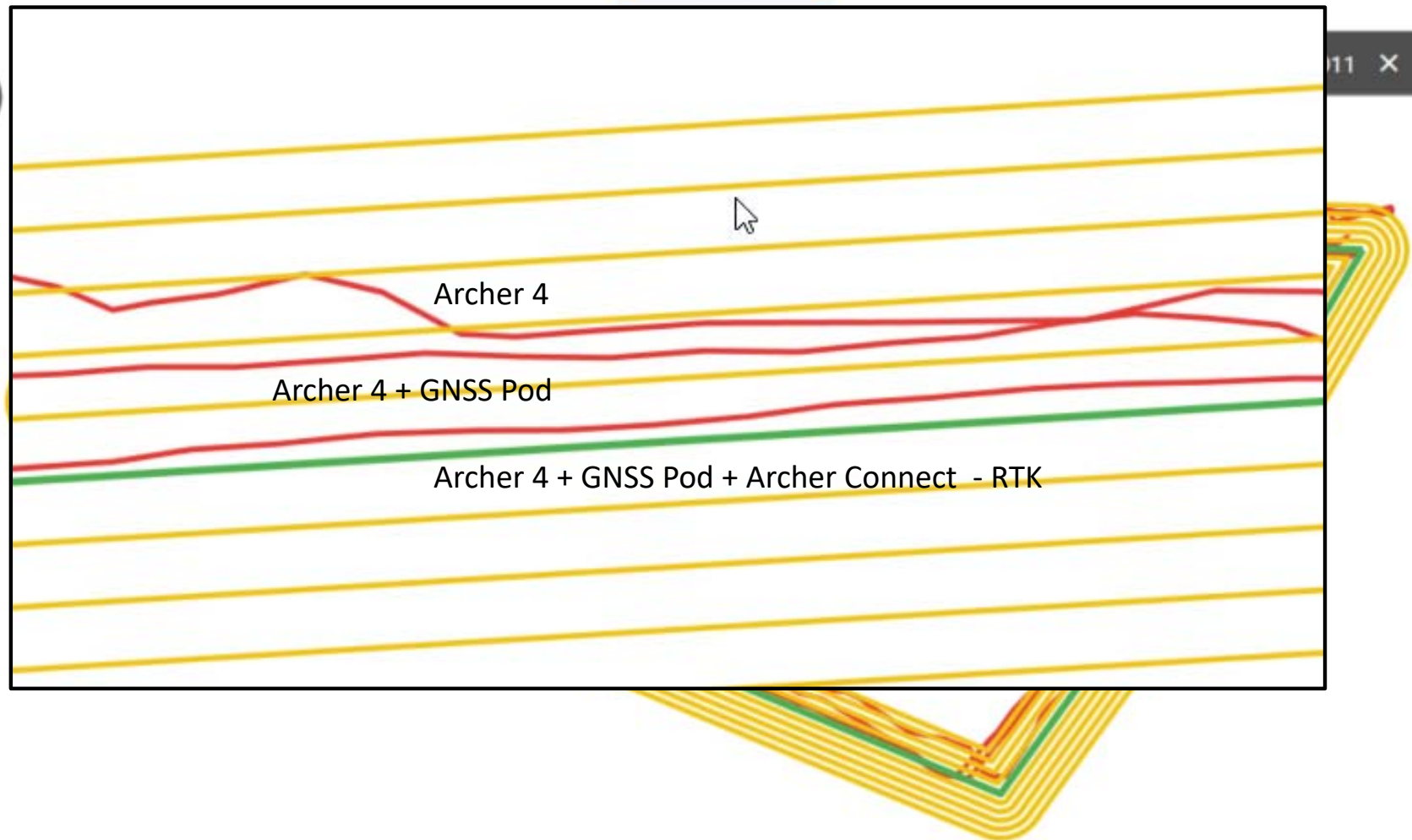
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Archer 4 Test - 5-7-25

LMSS Dynamic Archer 4 Test Results

MAP (9)

LIST (9)



Dynamic Archer 4 RTK Results

Dynamic Test

	% of positions within Buffers of True course				
<u>Unit</u>	<u>1m</u>	<u>2m</u>	<u>3m</u>	<u>4m</u>	<u>5m</u>
Archer 4	11.97	34.50	47.18	69.37	86.61
Archer 4 GNSS Pod	46.13	80.07	81.54	96.68	100.00
Archer 4 GNSS RTK	79.14	89.57	97.84	97.84	100



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