1号点：

header:

seq: 3

stamp:

secs: 1681458025

nsecs: 748908940

frame\_id: "map"

pose:

position:

x: -2.04284858704

y: 2.20917868614

z: 0.0

orientation:

x: 0.0

y: 0.0

z: 0.573673982816

w: 0.819083732863

---

2号点

header:

seq: 15

stamp:

secs: 1681458170

nsecs: 71420358

frame\_id: "map"

pose:

position:

x: -1.05552959442

y: 2.03046917915

z: 0.0

orientation:

x: 0.0

y: 0.0

z: -0.526723686205

w: 0.850036562973

feedback:

base\_position:

header:

seq: 0

stamp:

secs: 1681568523

nsecs: 139076097

frame\_id: "map"

pose:

position:

x: -1.80765495633

y: 1.89993927861

z: 0.0

orientation:

x: 0.0

y: 0.0

z: -0.81809116568

w: 0.575088553734

---

4号点

header:

seq: 23

stamp:

secs: 1681458288

nsecs: 190597015

frame\_id: "map"

pose:

position:

x: -1.13329148293

y: 1.19635868073

z: 0.0

orientation:

x: 0.0

y: 0.0

z: -0.619395798101

w: 0.78507887839

---

C点

base\_position:

header:

seq: 0

stamp:

secs: 1681568340

nsecs: 58653934

frame\_id: "map"

pose:

position:

x: 1.39722371039

y: 2.04805057973

z: 0.0

orientation:

x: 0.0

y: 0.0

z: 0.768217259674

w: 0.640189223542

---

B点

feedback:

base\_position:

header:

seq: 0

stamp:

secs: 1681568441

nsecs: 538864954

frame\_id: "map"

pose:

position:

x: 1.46748823908

y: 2.95697260515

z: 0.0

orientation:

x: 0.0

y: 0.0

z: 0.691734950543

w: 0.722151478706

---

A点

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feedback:

base\_position:

header:

seq: 0

stamp:

secs: 1681568620

nsecs: 798694952

frame\_id: "map"

pose:

position:

x: 0.527885628338

y: 2.44451611725

z: 0.0

orientation:

x: 0.0

y: 0.0

z: 0.702678858713

w: 0.711507147903

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起点

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header:

seq: 36

stamp:

secs: 1681458504

nsecs: 409316428

frame\_id: "map"

pose:

position:

x: 0.00959491729736

y: 0.260794043541

z: 0.0

orientation:

x: 0.0

y: 0.0

z: 0.0227149893426

w: 0.999741981343

---