Beacon 0: 186 -223

Beacon 1: 215 -205

Beacon 2: 241 -213

Beacon 3: 261 -204

Beacon 4: 294 -211

Beacon 5: 319 -203

Beacon 6: 357 -214

There are 7 beacons in the sequence (it may not be minimal).

It can be done with 6 beacons.