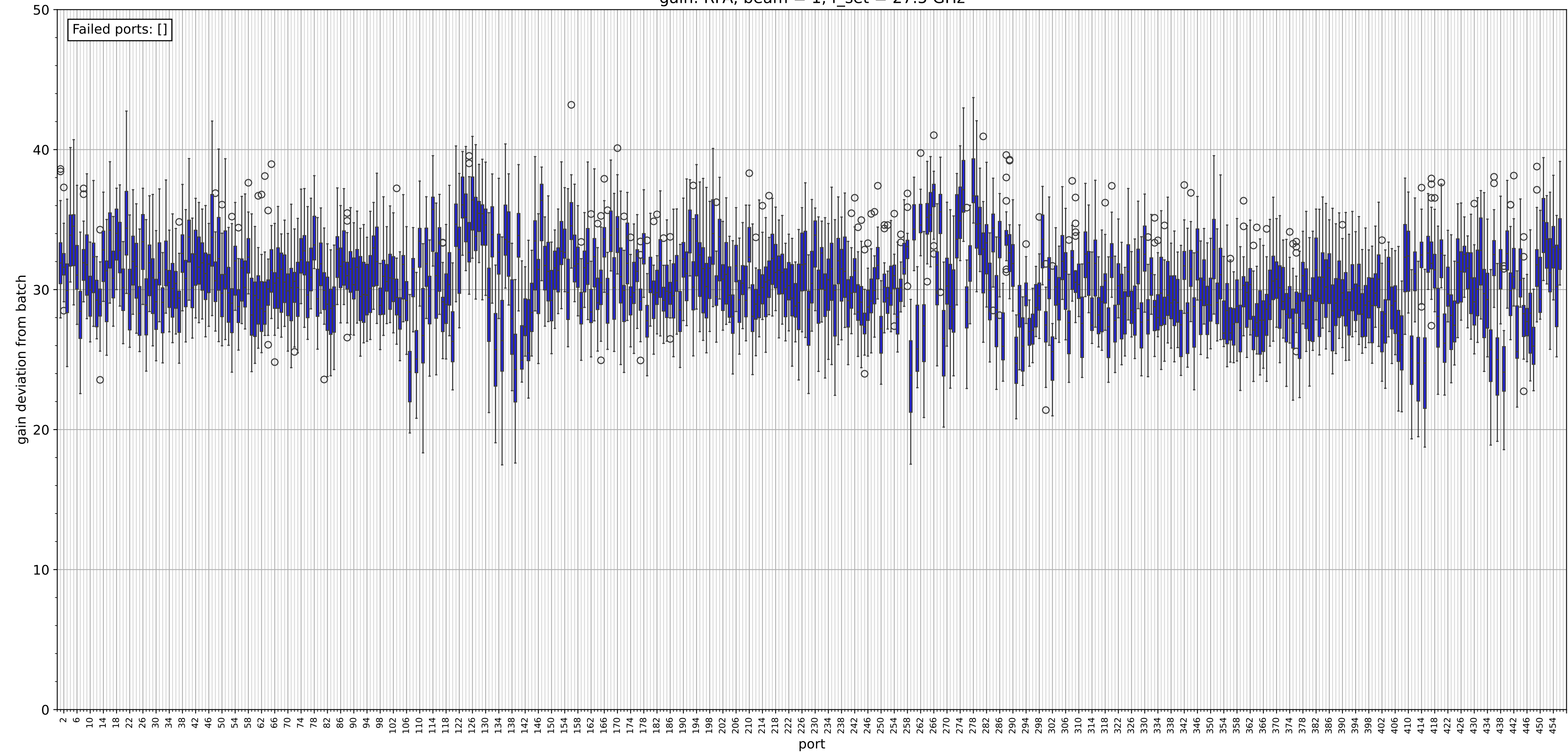
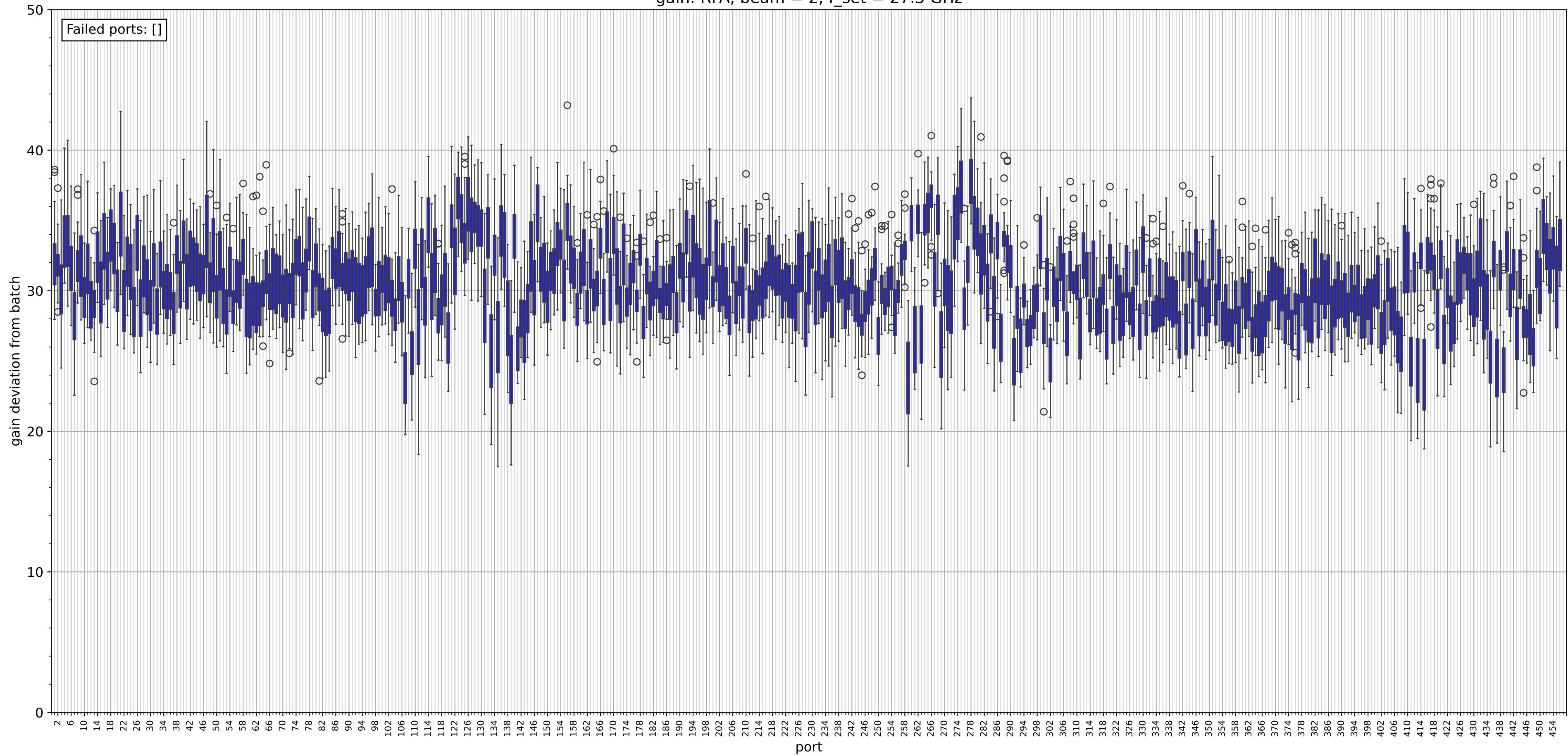


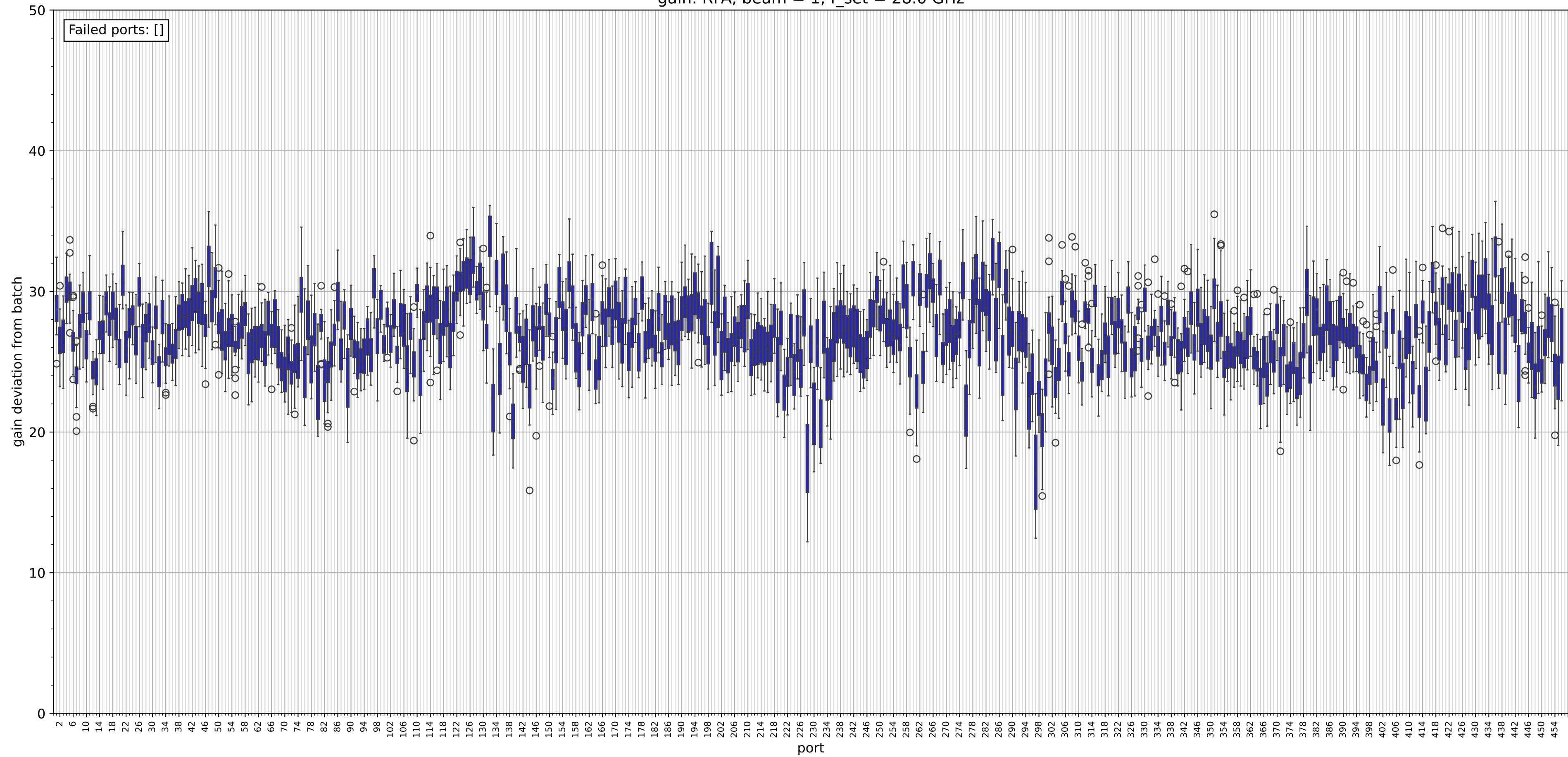
gain: RFA, beam = 1, f_set = 27.5 GHz



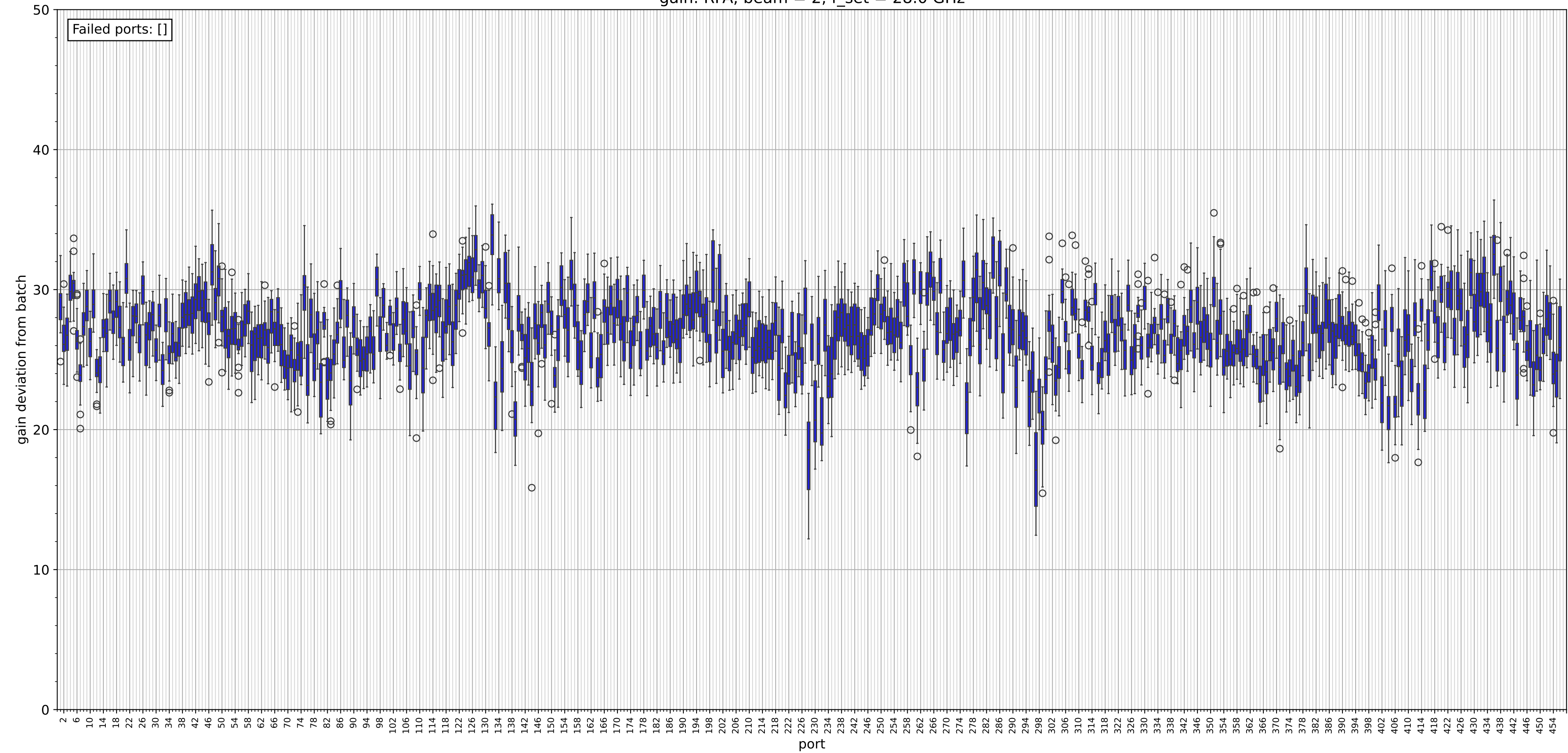
gain: RFA, beam = 2, f_set = 27.5 GHz



gain: RFA, beam = 1, f_set = 28.0 GHz



gain: RFA, beam = 2, f_set = 28.0 GHz



gain: RFA, beam = 1, f_set = 28.5 GHz

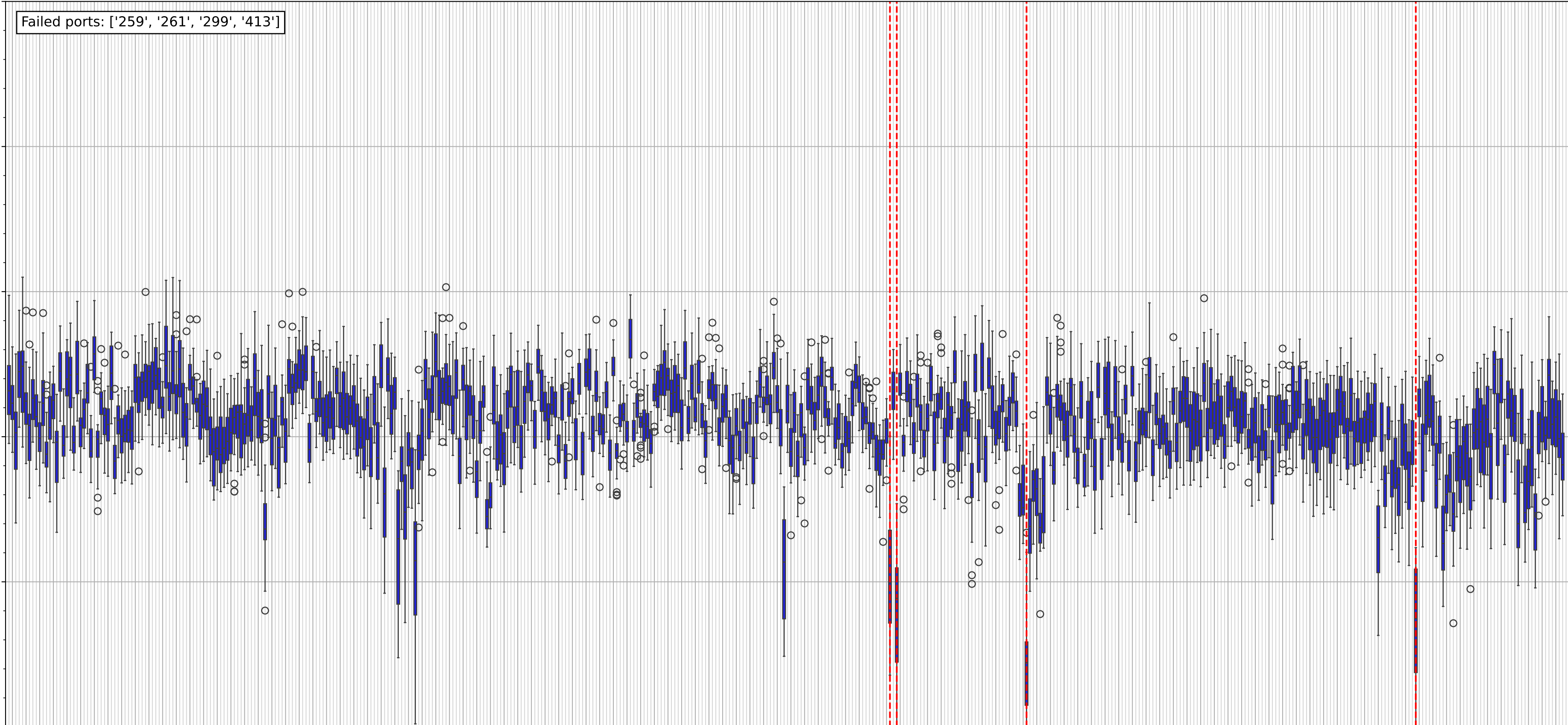
Failed ports: ['259', '261', '299', '413']

gain deviation from batch

50
40
30
20
10
0

2 6 10 14 18 22 26 30 34 38 42 46 50 54 58 62 66 70 74 78 82 86 90 94 98 102 106 110 114 118 122 126 130 134 138 142 146 150 154 158 162 166 170 174 178 182 186 190 194 198 202 206 210 214 218 222 226 230 234 238 242 246 250 254 258 262 266 270 274 278 282 286 290 294 298 302 306 310 314 318 322 326 330 334 338 342 346 350 354 358 362 366 370 374 378 382 386 390 394 398 402 406 410 414 418 422 426 430 434 438 442 446 450 454

port



gain: RFA, beam = 2, f_set = 28.5 GHz

Failed ports: ['259', '261', '299', '413']

gain deviation from batch

50
40
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2 6 10 14 18 22 26 30 34 38 42 46 50 54 58 62 66 70 74 78 82 86 90 94 98 102 106 110 114 118 122 126 130 134 138 142 146 150 154 158 162 166 170 174 178 182 186 190 194 198 202 206 210 214 218 222 226 230 234 238 242 246 250 254 258 262 266 270 274 278 282 286 290 294 298 302 306 310 314 318 322 326 330 334 338 342 346 350 354 358 362 366 370 374 378 382 386 390 394 398 402 406 410 414 418 422 426 430 434 438 442 446 450 454

port

gain: RFA, beam = 1, f_set = 29.0 GHz

Failed ports: ['437']

gain deviation from batch

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82

86

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94

98

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106

110

114

118

122

126

130

134

138

142

146

150

154

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162

166

170

174

178

182

186

190

194

198

202

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242

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250

254

258

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266

270

274

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302

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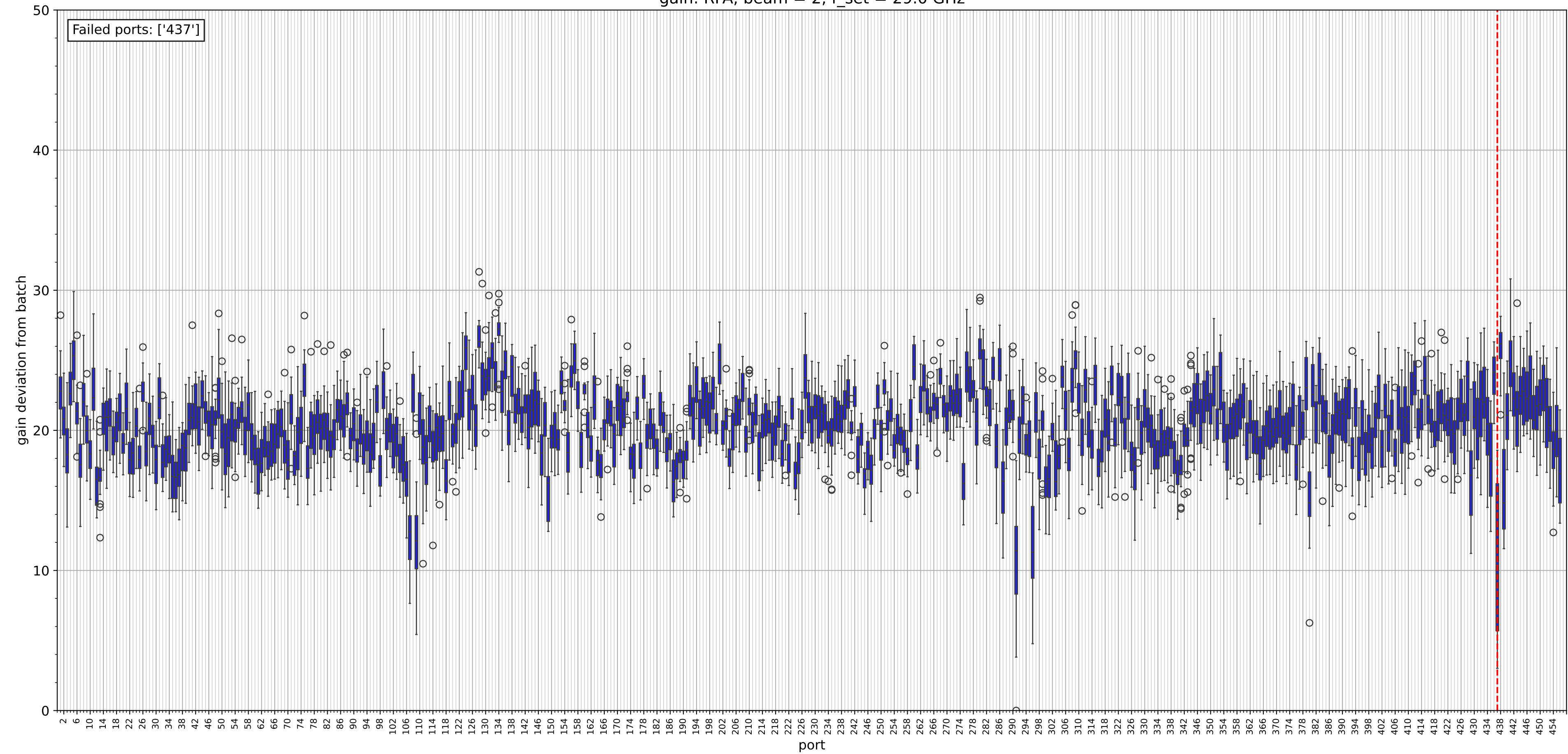
446

450

454

port

gain: RFA, beam = 2, f_set = 29.0 GHz



gain: RFA, beam = 1, f_set = 29.5 GHz

Failed ports: ['135', '226', '228', '300']

gain deviation from batch

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82

86

90

94

98

102

106

110

114

118

122

126

130

134

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378

382

386

390

394

398

402

406

410

414

418

422

426

430

434

438

442

446

450

454

port

gain: RFA, beam = 2, f_set = 29.5 GHz

Failed ports: ['135', '226', '228', '300']

gain deviation from batch

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382

386

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410

414

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422

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430

434

438

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446

450

454

port

gain: RFA, beam = 1, f_set = 30.0 GHz

Failed ports: ['76', '228', '259', '299', '413']

gain deviation from batch

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382

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394

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410

414

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422

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430

434

438

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446

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454

port

gain: RFA, beam = 2, f_set = 30.0 GHz

Failed ports: ['76', '228', '259', '299', '413']

gain deviation from batch

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port

gain: RFA, beam = 1, f_set = 30.5 GHz

Failed ports: ['261', '287', '439']

gain deviation from batch

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port

gain: RFA, beam = 2, f_set = 30.5 GHz

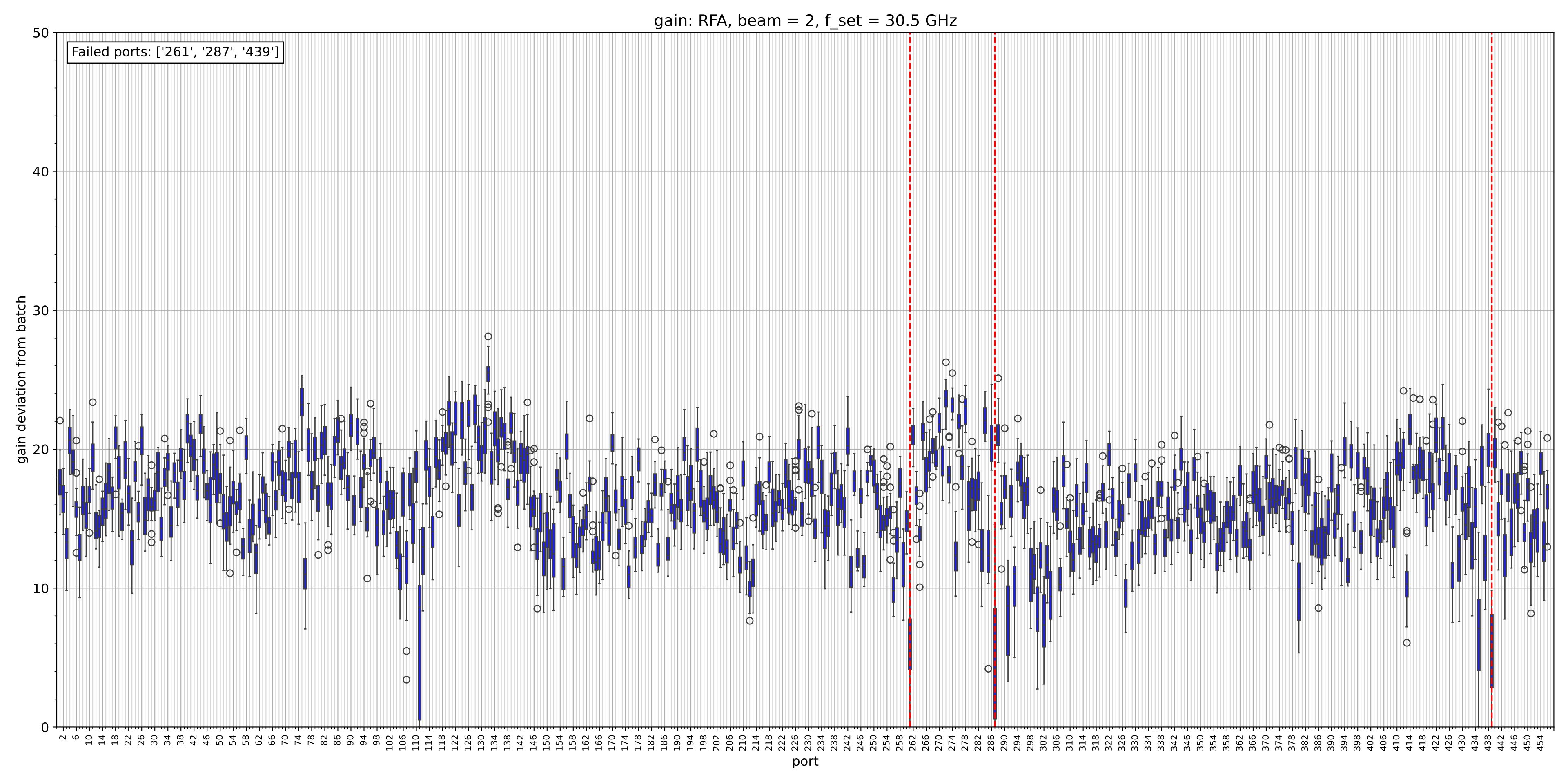
Failed ports: ['261', '287', '439']

gain deviation from batch

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port



gain: RFA, beam = 1, f_set = 31.0 GHz

Failed ports: ['109', '147', '301', '437']

gain deviation from batch

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378

382

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390

394

398

402

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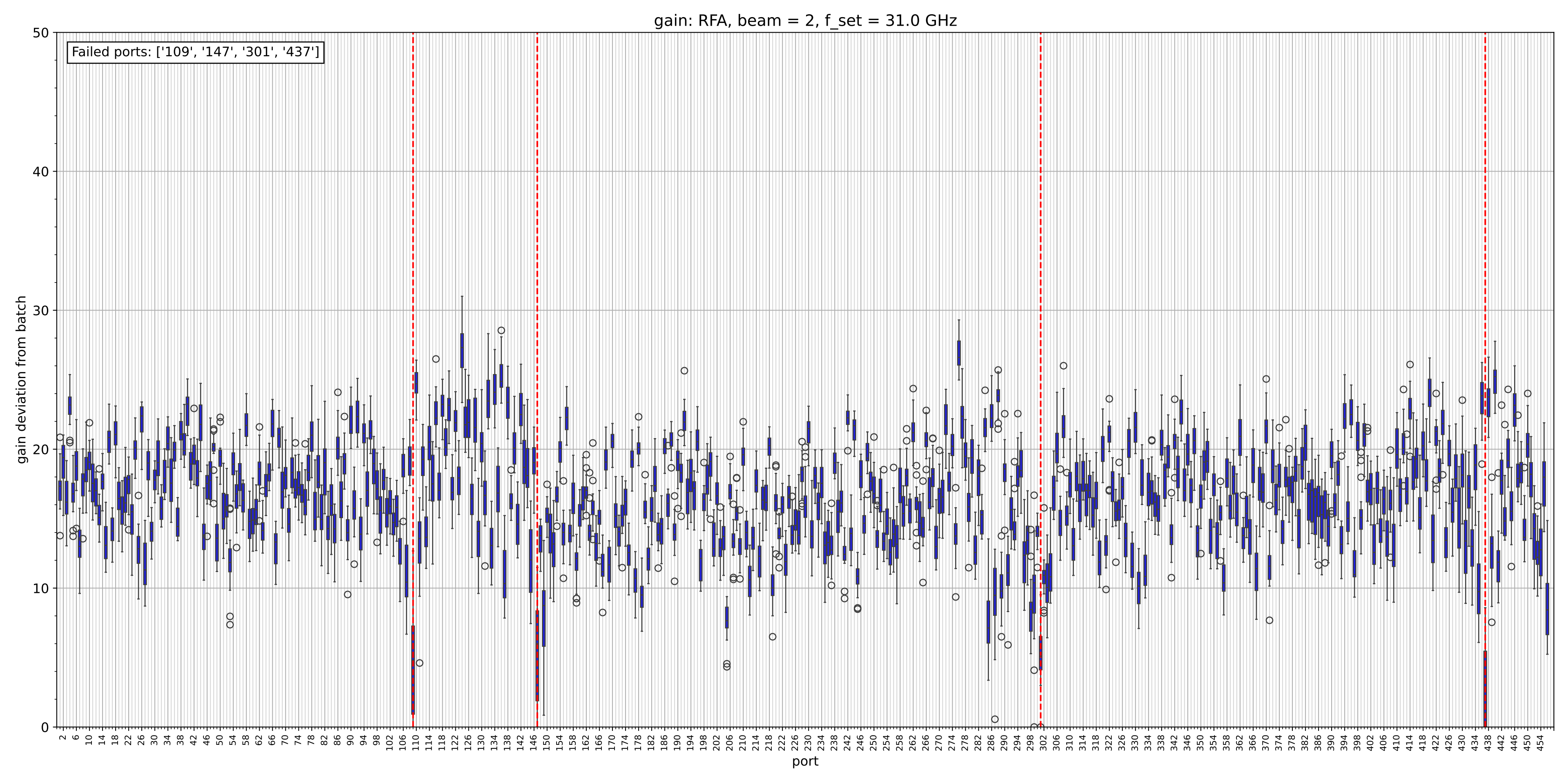
454

port

gain: RFA, beam = 2, f_set = 31.0 GHz

Failed ports: ['109', '147', '301', '437']

gain deviation from batch



Ports with high gain correction spread between TLMs

