

Załącznik 4 - zestawienie różnic rzędnych niwelety toru nr 2 projektowanego i istniejącego

LP	Pikieta	Rzędna istniejąca	Rzędna projektowana	Różnica rzędnych
1	373+100,000	71,914m	71,958m	-0,044m
2	373+110,000	71,896m	71,936m	-0,041m
3	373+120,000	71,877m	71,914m	-0,037m
4	373+130,000	71,858m	71,892m	-0,034m
5	373+140,000	71,839m	71,870m	-0,031m
6	373+150,000	71,820m	71,848m	-0,028m
7	373+160,000	71,797m	71,825m	-0,028m
8	373+170,000	71,774m	71,803m	-0,029m
9	373+180,000	71,752m	71,781m	-0,029m
10	373+190,000	71,729m	71,759m	-0,030m
11	373+200,000	71,706m	71,737m	-0,031m
12	373+210,000	71,678m	71,715m	-0,037m
13	373+220,000	71,649m	71,692m	-0,043m
14	373+230,000	71,621m	71,670m	-0,049m
15	373+240,000	71,593m	71,648m	-0,056m
16	373+250,000	71,565m	71,626m	-0,061m
17	373+260,000	71,546m	71,604m	-0,058m
18	373+270,000	71,526m	71,582m	-0,055m
19	373+280,000	71,507m	71,560m	-0,053m
20	373+290,000	71,487m	71,537m	-0,050m
21	373+300,000	71,467m	71,515m	-0,048m
22	373+310,000	71,447m	71,493m	-0,046m
23	373+320,000	71,427m	71,471m	-0,044m
24	373+330,000	71,406m	71,449m	-0,043m
25	373+340,000	71,386m	71,427m	-0,041m
26	373+350,000	71,366m	71,404m	-0,039m
27	373+360,000	71,349m	71,382m	-0,033m
28	373+370,000	71,332m	71,360m	-0,028m
29	373+371,934	71,329m	71,356m	-0,027m
30	373+380,000	71,315m	71,339m	-0,024m
31	373+390,000	71,298m	71,322m	-0,025m
32	373+397,140	71,286m	71,313m	-0,027m
33	373+400,000	71,282m	71,309m	-0,027m
34	373+410,000	71,275m	71,300m	-0,025m
35	373+420,000	71,268m	71,296m	-0,027m
36	373+422,346	71,266m	71,295m	-0,029m
37	373+430,000	71,261m	71,293m	-0,032m
38	373+440,000	71,254m	71,291m	-0,037m
39	373+450,000	71,248m	71,289m	-0,042m
40	373+460,000	71,246m	71,287m	-0,042m
41	373+470,000	71,244m	71,285m	-0,041m
42	373+480,000	71,242m	71,284m	-0,041m
43	373+490,000	71,241m	71,282m	-0,041m

44	373+500,000	71,239m	71,280m	-0,041m
45	373+510,000	71,238m	71,278m	-0,039m
46	373+520,000	71,237m	71,276m	-0,038m
47	373+530,000	71,237m	71,274m	-0,037m
48	373+540,000	71,236m	71,272m	-0,036m
49	373+550,000	71,235m	71,270m	-0,035m
50	373+560,000	71,233m	71,268m	-0,034m
51	373+570,000	71,232m	71,266m	-0,034m
52	373+580,000	71,231m	71,264m	-0,033m
53	373+590,000	71,229m	71,262m	-0,032m
54	373+600,000	71,228m	71,260m	-0,032m
55	373+610,000	71,226m	71,258m	-0,031m
56	373+620,000	71,225m	71,256m	-0,031m
57	373+630,000	71,223m	71,254m	-0,031m
58	373+640,000	71,221m	71,252m	-0,030m
59	373+650,000	71,220m	71,250m	-0,030m
60	373+660,000	71,217m	71,248m	-0,031m
61	373+670,000	71,215m	71,246m	-0,031m
62	373+680,000	71,212m	71,244m	-0,032m
63	373+690,000	71,209m	71,242m	-0,032m
64	373+699,221	71,207m	71,240m	-0,033m
65	373+700,000	71,207m	71,240m	-0,033m
66	373+710,000	71,204m	71,238m	-0,034m
67	373+720,000	71,202m	71,236m	-0,034m
68	373+730,000	71,199m	71,234m	-0,035m
69	373+732,344	71,198m	71,233m	-0,035m
70	373+740,000	71,196m	71,232m	-0,035m
71	373+750,000	71,194m	71,230m	-0,036m
72	373+760,000	71,193m	71,228m	-0,034m
73	373+765,466	71,193m	71,227m	-0,034m
74	373+770,000	71,193m	71,226m	-0,033m
75	373+780,000	71,192m	71,224m	-0,032m
76	373+790,000	71,192m	71,222m	-0,030m
77	373+800,000	71,191m	71,220m	-0,029m
78	373+810,000	71,188m	71,218m	-0,030m
79	373+820,000	71,186m	71,216m	-0,030m
80	373+830,000	71,183m	71,214m	-0,030m
81	373+840,000	71,181m	71,212m	-0,031m
82	373+850,000	71,178m	71,210m	-0,031m
83	373+860,000	71,174m	71,208m	-0,034m
84	373+870,000	71,169m	71,206m	-0,037m
85	373+880,000	71,165m	71,204m	-0,039m
86	373+890,000	71,160m	71,202m	-0,042m
87	373+900,000	71,155m	71,200m	-0,045m
88	373+910,000	71,149m	71,198m	-0,049m

89	373+920,000	71,142m	71,196m	-0,054m
90	373+930,000	71,135m	71,194m	-0,058m
91	373+940,000	71,129m	71,192m	-0,063m
92	373+950,000	71,123m	71,190m	-0,067m
93	373+950,938	71,122m	71,190m	-0,068m
94	373+960,000	71,119m	71,186m	-0,067m
95	373+970,000	71,114m	71,177m	-0,063m
96	373+980,000	71,109m	71,163m	-0,054m
97	373+990,000	71,104m	71,144m	-0,040m
98	374+000,000	71,096m	71,120m	-0,024m
99	374+010,000	71,070m	71,091m	-0,021m
100	374+020,000	71,044m	71,057m	-0,013m
101	374+030,000	71,012m	71,018m	-0,006m
102	374+040,000	70,963m	70,974m	-0,011m
103	374+049,061	70,919m	70,930m	-0,010m
104	374+050,000	70,915m	70,925m	-0,010m
105	374+060,000	70,867m	70,874m	-0,007m
106	374+070,000	70,818m	70,823m	-0,004m
107	374+080,000	70,770m	70,772m	-0,002m
108	374+090,000	70,721m	70,721m	0,001m
109	374+100,000	70,673m	70,669m	0,003m
110	374+110,000	70,621m	70,618m	0,002m
111	374+120,000	70,569m	70,567m	0,001m
112	374+130,000	70,516m	70,516m	0,000m
113	374+140,000	70,464m	70,465m	-0,001m
114	374+150,000	70,412m	70,414m	-0,002m
115	374+160,000	70,359m	70,363m	-0,005m
116	374+170,000	70,305m	70,312m	-0,007m
117	374+180,000	70,252m	70,261m	-0,009m
118	374+190,000	70,198m	70,210m	-0,012m
119	374+200,000	70,145m	70,159m	-0,014m
120	374+210,000	70,092m	70,108m	-0,016m
121	374+220,000	70,038m	70,057m	-0,018m
122	374+230,000	69,985m	70,006m	-0,020m
123	374+240,000	69,932m	69,955m	-0,023m
124	374+250,000	69,879m	69,904m	-0,024m
125	374+260,000	69,828m	69,853m	-0,025m
126	374+270,000	69,777m	69,802m	-0,025m
127	374+280,000	69,726m	69,751m	-0,025m
128	374+290,000	69,674m	69,699m	-0,025m
129	374+300,000	69,623m	69,648m	-0,025m
130	374+310,000	69,572m	69,597m	-0,025m
131	374+320,000	69,522m	69,546m	-0,025m
132	374+330,000	69,471m	69,495m	-0,024m
133	374+340,000	69,420m	69,444m	-0,024m

134	374+350,000	69,369m	69,393m	-0,024m
135	374+360,000	69,319m	69,342m	-0,023m
136	374+370,000	69,269m	69,291m	-0,022m
137	374+380,000	69,219m	69,240m	-0,021m
138	374+390,000	69,170m	69,189m	-0,019m
139	374+400,000	69,119m	69,138m	-0,019m
140	374+410,000	69,066m	69,087m	-0,021m
141	374+420,000	69,013m	69,036m	-0,022m
142	374+430,000	68,960m	68,985m	-0,024m
143	374+440,000	68,908m	68,934m	-0,026m
144	374+450,000	68,855m	68,883m	-0,028m
145	374+460,000	68,802m	68,832m	-0,029m
146	374+470,000	68,749m	68,781m	-0,031m
147	374+480,000	68,697m	68,729m	-0,033m
148	374+490,000	68,644m	68,678m	-0,034m
149	374+500,000	68,592m	68,627m	-0,036m
150	374+510,000	68,540m	68,576m	-0,036m
151	374+520,000	68,488m	68,525m	-0,037m
152	374+530,000	68,436m	68,474m	-0,038m
153	374+540,000	68,384m	68,423m	-0,039m
154	374+550,000	68,332m	68,372m	-0,040m
155	374+560,000	68,280m	68,321m	-0,041m
156	374+570,000	68,229m	68,270m	-0,041m
157	374+580,000	68,177m	68,219m	-0,042m
158	374+590,000	68,125m	68,168m	-0,043m
159	374+600,000	68,073m	68,117m	-0,044m
160	374+610,000	68,019m	68,066m	-0,047m
161	374+620,000	67,966m	68,015m	-0,049m
162	374+630,000	67,912m	67,964m	-0,052m
163	374+640,000	67,858m	67,913m	-0,054m
164	374+650,000	67,805m	67,862m	-0,057m
165	374+660,000	67,753m	67,811m	-0,058m
166	374+670,000	67,700m	67,759m	-0,059m
167	374+680,000	67,648m	67,708m	-0,060m
168	374+690,000	67,596m	67,657m	-0,061m
169	374+700,000	67,544m	67,606m	-0,062m
170	374+710,000	67,493m	67,555m	-0,062m
171	374+720,000	67,443m	67,504m	-0,061m
172	374+730,000	67,392m	67,453m	-0,061m
173	374+740,000	67,342m	67,402m	-0,061m
174	374+750,000	67,291m	67,351m	-0,060m
175	374+760,000	67,242m	67,300m	-0,058m
176	374+770,000	67,193m	67,249m	-0,056m
177	374+780,000	67,145m	67,198m	-0,053m
178	374+790,000	67,096m	67,147m	-0,051m

179	374+800,000	67,047m	67,096m	-0,049m
180	374+810,000	66,999m	67,045m	-0,046m
181	374+820,000	66,951m	66,994m	-0,043m
182	374+830,000	66,903m	66,943m	-0,040m
183	374+840,000	66,854m	66,892m	-0,037m
184	374+850,000	66,807m	66,841m	-0,034m
185	374+860,000	66,760m	66,789m	-0,030m
186	374+870,000	66,712m	66,738m	-0,026m
187	374+880,000	66,665m	66,687m	-0,022m
188	374+890,000	66,618m	66,636m	-0,018m
189	374+900,000	66,571m	66,585m	-0,014m
190	374+910,000	66,525m	66,534m	-0,009m
191	374+920,000	66,478m	66,483m	-0,005m
192	374+930,000	66,431m	66,432m	-0,001m
193	374+940,000	66,386m	66,381m	0,005m
194	374+950,000	66,353m	66,330m	0,023m
195	374+960,000	66,296m	66,279m	0,017m
196	374+970,000	66,239m	66,228m	0,011m
197	374+980,000	66,182m	66,177m	0,005m
198	374+990,000	66,124m	66,126m	-0,001m
199	375+000,000	66,067m	66,075m	-0,007m
200	375+010,000	66,012m	66,024m	-0,012m
201	375+020,000	65,956m	65,973m	-0,017m
202	375+030,000	65,900m	65,922m	-0,022m
203	375+040,000	65,844m	65,871m	-0,026m
204	375+050,000	65,789m	65,819m	-0,031m
205	375+060,000	65,734m	65,768m	-0,035m
206	375+070,000	65,679m	65,717m	-0,039m
207	375+080,000	65,624m	65,666m	-0,043m
208	375+090,000	65,569m	65,615m	-0,046m
209	375+100,000	65,515m	65,564m	-0,050m
210	375+110,000	65,463m	65,513m	-0,050m
211	375+120,000	65,412m	65,462m	-0,050m
212	375+130,000	65,361m	65,411m	-0,050m
213	375+140,000	65,309m	65,360m	-0,051m
214	375+150,000	65,258m	65,309m	-0,050m
215	375+160,000	65,210m	65,258m	-0,048m
216	375+170,000	65,162m	65,207m	-0,045m
217	375+180,000	65,113m	65,156m	-0,043m
218	375+190,000	65,065m	65,105m	-0,040m
219	375+200,000	65,016m	65,054m	-0,037m
220	375+210,000	64,970m	65,003m	-0,033m
221	375+220,000	64,923m	64,952m	-0,028m
222	375+226,222	64,894m	64,920m	-0,026m
223	375+230,000	64,876m	64,901m	-0,024m

224	375+240,000	64,829m	64,849m	-0,020m
225	375+250,000	64,779m	64,798m	-0,019m
226	375+260,000	64,733m	64,747m	-0,015m
227	375+270,000	64,684m	64,696m	-0,012m
228	375+280,000	64,635m	64,645m	-0,010m
229	375+290,000	64,584m	64,594m	-0,010m
230	375+300,000	64,532m	64,543m	-0,011m
231	375+310,000	64,477m	64,492m	-0,015m
232	375+320,000	64,422m	64,441m	-0,019m
233	375+330,000	64,369m	64,390m	-0,021m
234	375+340,000	64,316m	64,339m	-0,023m
235	375+350,000	64,263m	64,288m	-0,025m
236	375+360,000	64,210m	64,237m	-0,027m
237	375+370,000	64,160m	64,186m	-0,026m
238	375+380,000	64,111m	64,135m	-0,024m
239	375+390,000	64,066m	64,084m	-0,018m
240	375+400,000	64,020m	64,033m	-0,013m
241	375+410,000	63,970m	63,982m	-0,011m
242	375+420,000	63,921m	63,931m	-0,010m
243	375+430,000	63,866m	63,879m	-0,013m
244	375+440,000	63,812m	63,828m	-0,017m
245	375+446,222	63,778m	63,797m	-0,019m
246	375+450,000	63,757m	63,777m	-0,020m
247	375+460,000	63,703m	63,726m	-0,023m
248	375+470,000	63,655m	63,675m	-0,021m
249	375+480,000	63,606m	63,624m	-0,018m
250	375+490,000	63,558m	63,573m	-0,015m
251	375+500,000	63,509m	63,522m	-0,013m
252	375+510,000	63,457m	63,471m	-0,014m
253	375+520,000	63,406m	63,420m	-0,014m
254	375+530,000	63,355m	63,369m	-0,014m
255	375+540,000	63,305m	63,318m	-0,013m
256	375+550,000	63,254m	63,267m	-0,013m
257	375+560,000	63,202m	63,216m	-0,014m
258	375+570,000	63,144m	63,165m	-0,021m
259	375+580,000	63,087m	63,114m	-0,027m
260	375+590,000	63,035m	63,063m	-0,027m
261	375+600,000	62,984m	63,012m	-0,027m
262	375+610,000	62,932m	62,961m	-0,028m
263	375+620,000	62,879m	62,909m	-0,030m
264	375+626,086	62,847m	62,878m	-0,031m
265	375+630,000	62,827m	62,858m	-0,032m
266	375+640,000	62,773m	62,807m	-0,034m
267	375+650,000	62,715m	62,756m	-0,041m
268	375+660,000	62,657m	62,705m	-0,048m

269	375+670,000	62,603m	62,654m	-0,051m
270	375+680,000	62,549m	62,603m	-0,054m
271	375+690,000	62,501m	62,552m	-0,052m
272	375+700,000	62,452m	62,501m	-0,049m
273	375+710,000	62,402m	62,450m	-0,048m
274	375+720,000	62,352m	62,399m	-0,046m
275	375+730,000	62,304m	62,348m	-0,044m
276	375+740,000	62,255m	62,297m	-0,042m
277	375+750,000	62,203m	62,246m	-0,043m
278	375+760,000	62,150m	62,195m	-0,044m
279	375+770,000	62,099m	62,144m	-0,045m
280	375+780,000	62,048m	62,093m	-0,044m
281	375+790,000	62,003m	62,042m	-0,038m
282	375+800,000	61,958m	61,991m	-0,033m
283	375+805,950	61,931m	61,960m	-0,030m
284	375+810,000	61,912m	61,939m	-0,028m
285	375+820,000	61,866m	61,888m	-0,023m
286	375+830,000	61,820m	61,837m	-0,018m
287	375+840,000	61,774m	61,786m	-0,013m
288	375+850,000	61,728m	61,735m	-0,008m
289	375+860,000	61,681m	61,684m	-0,003m
290	375+864,565	61,660m	61,661m	-0,001m
291	375+870,000	61,635m	61,634m	0,001m
292	375+880,000	61,589m	61,586m	0,003m
293	375+885,950	61,563m	61,559m	0,003m
294	375+890,000	61,545m	61,542m	0,003m
295	375+900,000	61,502m	61,501m	0,001m
296	375+910,000	61,462m	61,463m	-0,001m
297	375+920,000	61,423m	61,429m	-0,006m
298	375+930,000	61,388m	61,398m	-0,010m
299	375+935,435	61,369m	61,383m	-0,014m
300	375+940,000	61,353m	61,370m	-0,018m
301	375+950,000	61,316m	61,343m	-0,027m
302	375+960,000	61,280m	61,315m	-0,036m
303	375+970,000	61,246m	61,288m	-0,042m
304	375+980,000	61,213m	61,261m	-0,048m
305	375+990,000	61,181m	61,233m	-0,052m
306	376+000,000	61,150m	61,206m	-0,056m
307	376+010,000	61,118m	61,178m	-0,060m
308	376+020,000	61,088m	61,151m	-0,063m
309	376+030,000	61,064m	61,123m	-0,060m
310	376+040,000	61,039m	61,096m	-0,057m
311	376+050,000	61,011m	61,069m	-0,057m
312	376+060,000	60,983m	61,041m	-0,058m
313	376+070,000	60,953m	61,014m	-0,060m

314	376+080,000	60,924m	60,986m	-0,062m
315	376+090,000	60,900m	60,959m	-0,059m
316	376+100,000	60,875m	60,931m	-0,057m
317	376+110,000	60,850m	60,904m	-0,054m
318	376+120,000	60,826m	60,877m	-0,051m
319	376+130,000	60,800m	60,849m	-0,049m
320	376+140,000	60,774m	60,822m	-0,048m
321	376+150,000	60,747m	60,794m	-0,047m
322	376+160,000	60,720m	60,767m	-0,047m
323	376+169,946	60,693m	60,740m	-0,047m
324	376+170,000	60,693m	60,739m	-0,047m
325	376+180,000	60,666m	60,712m	-0,046m
326	376+190,000	60,638m	60,685m	-0,046m
327	376+200,000	60,611m	60,657m	-0,046m
328	376+210,000	60,591m	60,630m	-0,039m
329	376+212,936	60,585m	60,622m	-0,037m
330	376+220,000	60,571m	60,603m	-0,033m
331	376+230,000	60,552m	60,581m	-0,029m
332	376+240,000	60,533m	60,562m	-0,029m
333	376+250,000	60,520m	60,547m	-0,027m
334	376+260,000	60,508m	60,537m	-0,029m
335	376+270,000	60,500m	60,530m	-0,030m
336	376+280,000	60,494m	60,528m	-0,034m
337	376+281,507	60,493m	60,528m	-0,034m
338	376+287,064	60,492m	60,528m	-0,036m
339	376+290,000	60,491m	60,529m	-0,038m
340	376+300,000	60,489m	60,531m	-0,042m
341	376+310,000	60,485m	60,533m	-0,049m
342	376+320,000	60,481m	60,536m	-0,055m
343	376+330,000	60,481m	60,538m	-0,057m
344	376+340,000	60,481m	60,540m	-0,059m
345	376+350,000	60,486m	60,542m	-0,056m
346	376+360,000	60,490m	60,544m	-0,054m
347	376+370,000	60,492m	60,547m	-0,055m
348	376+380,000	60,493m	60,549m	-0,056m
349	376+390,000	60,491m	60,551m	-0,060m
350	376+400,000	60,489m	60,553m	-0,064m
351	376+410,000	60,494m	60,556m	-0,062m
352	376+420,000	60,498m	60,558m	-0,060m
353	376+430,000	60,499m	60,560m	-0,061m
354	376+440,000	60,500m	60,562m	-0,062m
355	376+450,000	60,506m	60,564m	-0,058m
356	376+453,941	60,509m	60,565m	-0,057m
357	376+460,000	60,512m	60,567m	-0,055m
358	376+470,000	60,511m	60,569m	-0,058m

359	376+480,000	60,510m	60,571m	-0,061m
360	376+490,000	60,514m	60,573m	-0,059m
361	376+500,000	60,518m	60,576m	-0,057m
362	376+510,000	60,521m	60,578m	-0,057m
363	376+520,000	60,524m	60,580m	-0,056m
364	376+530,000	60,529m	60,582m	-0,053m
365	376+540,000	60,533m	60,584m	-0,051m
366	376+550,000	60,537m	60,587m	-0,050m
367	376+560,000	60,540m	60,589m	-0,048m
368	376+570,000	60,548m	60,591m	-0,043m
369	376+580,000	60,555m	60,593m	-0,038m
370	376+590,000	60,562m	60,596m	-0,033m
371	376+600,000	60,569m	60,598m	-0,029m
372	376+610,000	60,575m	60,600m	-0,025m
373	376+620,000	60,581m	60,602m	-0,021m
374	376+630,000	60,585m	60,604m	-0,020m
375	376+640,000	60,588m	60,607m	-0,018m
376	376+650,000	60,594m	60,609m	-0,015m
377	376+660,000	60,600m	60,611m	-0,011m
378	376+670,000	60,599m	60,613m	-0,014m
379	376+680,000	60,599m	60,616m	-0,017m
380	376+690,000	60,598m	60,618m	-0,019m
381	376+691,016	60,598m	60,618m	-0,020m
382	376+699,870	60,598m	60,620m	-0,022m
383	376+700,000	60,598m	60,620m	-0,022m
384	376+710,000	60,597m	60,626m	-0,029m
385	376+720,000	60,596m	60,631m	-0,035m
386	376+730,000	60,595m	60,637m	-0,042m
387	376+740,000	60,594m	60,642m	-0,048m
388	376+750,000	60,593m	60,648m	-0,054m
389	376+760,000	60,596m	60,653m	-0,057m
390	376+770,000	60,598m	60,659m	-0,060m
391	376+780,000	60,601m	60,664m	-0,063m
392	376+790,000	60,604m	60,670m	-0,066m
393	376+800,000	60,606m	60,675m	-0,069m
394	376+810,000	60,613m	60,681m	-0,068m
395	376+820,000	60,620m	60,686m	-0,067m
396	376+830,000	60,626m	60,692m	-0,065m
397	376+840,000	60,633m	60,697m	-0,064m
398	376+850,000	60,639m	60,703m	-0,063m
399	376+860,000	60,644m	60,708m	-0,064m
400	376+870,000	60,650m	60,714m	-0,064m
401	376+880,000	60,655m	60,719m	-0,064m
402	376+890,000	60,660m	60,725m	-0,065m
403	376+900,000	60,665m	60,730m	-0,065m

404	376+910,000	60,668m	60,736m	-0,068m
405	376+920,000	60,670m	60,741m	-0,071m
406	376+930,000	60,673m	60,747m	-0,074m
407	376+940,000	60,675m	60,752m	-0,077m
408	376+950,000	60,678m	60,758m	-0,079m
409	376+960,000	60,685m	60,763m	-0,078m
410	376+970,000	60,691m	60,769m	-0,077m
411	376+980,000	60,698m	60,774m	-0,077m
412	376+990,000	60,704m	60,780m	-0,076m
413	377+000,000	60,710m	60,785m	-0,075m
414	377+010,000	60,717m	60,791m	-0,074m
415	377+020,000	60,723m	60,796m	-0,073m
416	377+030,000	60,730m	60,802m	-0,072m
417	377+040,000	60,736m	60,807m	-0,071m
418	377+050,000	60,743m	60,813m	-0,070m
419	377+060,000	60,752m	60,818m	-0,066m
420	377+070,000	60,762m	60,824m	-0,062m
421	377+080,000	60,771m	60,829m	-0,058m
422	377+090,000	60,781m	60,835m	-0,054m
423	377+099,870	60,791m	60,840m	-0,049m
424	377+100,000	60,791m	60,840m	-0,049m
425	377+110,000	60,807m	60,840m	-0,033m
426	377+120,000	60,824m	60,840m	-0,016m
427	377+130,000	60,838m	60,840m	-0,002m
428	377+140,000	60,844m	60,840m	0,004m
429	377+150,000	60,844m	60,840m	0,004m
430	377+160,000	60,829m	60,840m	-0,011m
431	377+170,000	60,814m	60,840m	-0,026m
432	377+180,000	60,799m	60,840m	-0,041m
433	377+190,000	60,783m	60,840m	-0,057m
434	377+200,000	60,769m	60,840m	-0,071m
435	377+210,000	60,762m	60,840m	-0,078m
436	377+220,000	60,756m	60,840m	-0,084m
437	377+230,000	60,749m	60,840m	-0,091m
438	377+240,000	60,743m	60,840m	-0,097m
439	377+250,000	60,737m	60,840m	-0,103m
440	377+260,000	60,736m	60,840m	-0,104m
441	377+270,000	60,735m	60,840m	-0,105m
442	377+280,000	60,734m	60,840m	-0,106m
443	377+290,000	60,733m	60,840m	-0,107m
444	377+300,000	60,732m	60,840m	-0,108m
445	377+310,000	60,727m	60,840m	-0,113m
446	377+313,422	60,725m	60,840m	-0,115m
447	377+320,000	60,722m	60,839m	-0,117m
448	377+330,000	60,718m	60,833m	-0,116m

449	377+340,000	60,712m	60,822m	-0,110m
450	377+350,000	60,699m	60,807m	-0,107m
451	377+359,870	60,686m	60,786m	-0,100m
452	377+360,000	60,686m	60,786m	-0,100m
453	377+370,000	60,665m	60,760m	-0,095m
454	377+380,000	60,636m	60,729m	-0,094m
455	377+390,000	60,606m	60,693m	-0,087m
456	377+400,000	60,572m	60,653m	-0,081m
457	377+406,317	60,546m	60,624m	-0,078m
458	377+410,000	60,531m	60,607m	-0,076m
459	377+420,000	60,490m	60,561m	-0,071m
460	377+430,000	60,449m	60,514m	-0,065m
461	377+440,000	60,408m	60,468m	-0,059m
462	377+450,000	60,367m	60,421m	-0,054m
463	377+460,000	60,322m	60,375m	-0,052m
464	377+470,000	60,277m	60,328m	-0,051m
465	377+480,000	60,233m	60,282m	-0,049m
466	377+490,000	60,188m	60,236m	-0,048m
467	377+500,000	60,142m	60,189m	-0,047m
468	377+510,000	60,094m	60,143m	-0,049m
469	377+520,000	60,045m	60,096m	-0,051m
470	377+530,000	59,996m	60,050m	-0,053m
471	377+540,000	59,948m	60,003m	-0,056m
472	377+550,000	59,899m	59,957m	-0,058m
473	377+560,000	59,851m	59,910m	-0,059m
474	377+570,000	59,804m	59,864m	-0,060m
475	377+580,000	59,756m	59,818m	-0,061m
476	377+590,000	59,708m	59,771m	-0,063m
477	377+600,000	59,661m	59,725m	-0,064m
478	377+610,000	59,618m	59,678m	-0,061m
479	377+620,000	59,574m	59,632m	-0,058m
480	377+630,000	59,531m	59,585m	-0,054m
481	377+640,000	59,487m	59,539m	-0,051m
482	377+650,000	59,444m	59,492m	-0,048m
483	377+660,000	59,401m	59,446m	-0,045m
484	377+670,000	59,359m	59,400m	-0,041m
485	377+680,000	59,316m	59,353m	-0,037m
486	377+690,000	59,273m	59,307m	-0,033m
487	377+700,000	59,231m	59,260m	-0,029m
488	377+710,000	59,187m	59,214m	-0,026m
489	377+720,000	59,144m	59,167m	-0,023m
490	377+730,000	59,101m	59,121m	-0,020m
491	377+740,000	59,057m	59,074m	-0,017m
492	377+750,000	59,014m	59,028m	-0,014m
493	377+760,000	58,965m	58,981m	-0,016m

494	377+770,000	58,919m	58,935m	-0,016m
495	377+780,000	58,878m	58,889m	-0,010m
496	377+790,000	58,838m	58,842m	-0,004m
497	377+800,000	58,798m	58,796m	0,002m
498	377+810,000	58,750m	58,749m	0,001m
499	377+820,000	58,701m	58,703m	-0,001m
500	377+830,000	58,647m	58,656m	-0,009m
501	377+840,000	58,593m	58,610m	-0,016m
502	377+850,000	58,537m	58,563m	-0,026m
503	377+860,000	58,481m	58,517m	-0,036m
504	377+867,147	58,440m	58,484m	-0,044m
505	377+870,000	58,424m	58,471m	-0,047m
506	377+880,000	58,367m	58,424m	-0,057m
507	377+890,000	58,310m	58,378m	-0,068m
508	377+900,000	58,253m	58,331m	-0,078m
509	377+910,000	58,199m	58,285m	-0,086m
510	377+920,000	58,145m	58,238m	-0,093m
511	377+922,694	58,132m	58,226m	-0,094m
512	377+930,000	58,097m	58,192m	-0,095m
513	377+940,000	58,048m	58,145m	-0,097m
514	377+950,000	58,004m	58,099m	-0,095m
515	377+960,000	57,958m	58,053m	-0,094m
516	377+970,000	57,913m	58,006m	-0,093m
517	377+978,242	57,876m	57,968m	-0,092m
518	377+980,000	57,868m	57,960m	-0,092m
519	377+990,000	57,822m	57,913m	-0,091m
520	378+000,000	57,777m	57,867m	-0,090m
521	378+010,000	57,736m	57,820m	-0,084m
522	378+020,000	57,695m	57,774m	-0,079m
523	378+030,000	57,654m	57,727m	-0,073m
524	378+040,000	57,613m	57,681m	-0,068m
525	378+050,000	57,573m	57,634m	-0,062m
526	378+060,000	57,532m	57,588m	-0,056m
527	378+070,000	57,492m	57,542m	-0,050m
528	378+071,465	57,486m	57,535m	-0,049m
529	378+080,000	57,451m	57,495m	-0,044m
530	378+090,000	57,410m	57,449m	-0,038m
531	378+100,000	57,364m	57,402m	-0,038m
532	378+110,000	57,320m	57,356m	-0,036m
533	378+120,000	57,276m	57,309m	-0,034m
534	378+130,000	57,231m	57,263m	-0,032m
535	378+139,163	57,189m	57,220m	-0,031m
536	378+140,000	57,186m	57,216m	-0,031m
537	378+150,000	57,140m	57,170m	-0,030m
538	378+160,000	57,094m	57,124m	-0,030m

539	378+170,000	57,048m	57,077m	-0,029m
540	378+180,000	57,002m	57,031m	-0,028m
541	378+190,000	56,956m	56,984m	-0,028m
542	378+200,000	56,911m	56,938m	-0,027m
543	378+206,860	56,882m	56,906m	-0,024m
544	378+210,000	56,869m	56,891m	-0,023m
545	378+220,000	56,826m	56,845m	-0,018m
546	378+230,000	56,784m	56,798m	-0,014m
547	378+236,934	56,755m	56,766m	-0,011m
548	378+240,000	56,742m	56,752m	-0,010m
549	378+250,000	56,701m	56,711m	-0,010m
550	378+260,000	56,673m	56,675m	-0,001m
551	378+270,000	56,646m	56,645m	0,001m
552	378+274,870	56,632m	56,632m	0,000m
553	378+280,000	56,623m	56,621m	0,002m
554	378+290,000	56,604m	56,603m	0,001m
555	378+300,000	56,586m	56,590m	-0,004m
556	378+310,000	56,581m	56,584m	-0,002m
557	378+312,806	56,580m	56,583m	-0,003m
558	378+320,000	56,577m	56,582m	-0,005m
559	378+330,000	56,575m	56,580m	-0,005m
560	378+340,000	56,574m	56,578m	-0,004m
561	378+350,000	56,573m	56,576m	-0,003m
562	378+360,000	56,563m	56,575m	-0,011m
563	378+370,000	56,553m	56,573m	-0,019m
564	378+380,000	56,547m	56,571m	-0,024m
565	378+390,000	56,548m	56,569m	-0,022m
566	378+400,000	56,548m	56,567m	-0,019m
567	378+410,000	56,548m	56,565m	-0,017m
568	378+420,000	56,549m	56,564m	-0,015m
569	378+430,000	56,546m	56,562m	-0,016m
570	378+440,000	56,532m	56,560m	-0,028m
571	378+450,000	56,518m	56,558m	-0,040m
572	378+460,000	56,504m	56,556m	-0,052m
573	378+470,000	56,492m	56,555m	-0,063m
574	378+471,497	56,490m	56,554m	-0,064m
575	378+480,000	56,480m	56,553m	-0,073m
576	378+490,000	56,484m	56,551m	-0,067m
577	378+500,000	56,487m	56,549m	-0,062m
578	378+510,000	56,494m	56,547m	-0,053m
579	378+520,000	56,502m	56,545m	-0,044m
580	378+529,497	56,509m	56,544m	-0,035m
581	378+530,000	56,510m	56,544m	-0,034m
582	378+540,000	56,518m	56,542m	-0,024m
583	378+550,000	56,526m	56,540m	-0,014m

584	378+560,000	56,535m	56,557m	-0,022m
585	378+564,179	56,540m	56,564m	-0,024m
586	378+570,000	56,547m	56,574m	-0,027m
587	378+580,000	56,560m	56,592m	-0,032m
588	378+590,000	56,572m	56,609m	-0,037m
589	378+598,860	56,583m	56,624m	-0,042m
590	378+600,000	56,584m	56,626m	-0,042m
591	378+610,000	56,598m	56,643m	-0,045m
592	378+620,000	56,612m	56,660m	-0,048m
593	378+630,000	56,629m	56,678m	-0,048m
594	378+640,000	56,647m	56,695m	-0,048m
595	378+650,000	56,667m	56,712m	-0,045m
596	378+656,860	56,681m	56,724m	-0,043m
597	378+660,000	56,687m	56,729m	-0,042m
598	378+670,000	56,714m	56,746m	-0,032m
599	378+680,000	56,741m	56,764m	-0,023m
600	378+690,000	56,765m	56,781m	-0,016m
601	378+700,000	56,789m	56,798m	-0,009m
602	378+710,000	56,812m	56,815m	-0,003m
603	378+720,000	56,831m	56,832m	-0,001m
604	378+730,000	56,842m	56,850m	-0,008m