

# **A N H A N G**

## **Detaillierte Berechnung der Mittelungspegel**

Hünten / B-Plan HE27

HueEGE

Berechnung nach ISO 9613, Mitwind

Aufpunktbezeichnung : I001      EG      SSO-FAS.      - GEB.: IO1      <ID>-  
Lage des Aufpunktes : Xi= 361.8723 km    Yi= 625.3989 km    Zi= 2.80 m  
                         Tag                            Nacht  
Immission : 45.0 dB(A)    -96.0 dB(A)

| Emittent          |       | Emission |        |      |     | RQ       | Anz./L/Fl | Lw,ges |       | Korr.  | min. | Dc  | DI  | mittlere Werte für |       |       |      |      |       |      |        | L AT   |       | Zeitzuschläge |      |               | Lm     |       |
|-------------------|-------|----------|--------|------|-----|----------|-----------|--------|-------|--------|------|-----|-----|--------------------|-------|-------|------|------|-------|------|--------|--------|-------|---------------|------|---------------|--------|-------|
| Name              | Ident | Tag      | Nacht  |      |     |          |           | Tag    | Nacht | Formel | ds   |     |     | Cmet               | Drefl | Adiv  | Agr  | Aatm | Abar  | Tag  | Nacht  | Tag    | Nacht | KEZ           | KR   | (L AT+KEZ+KR) | Tag    | Nacht |
|                   |       | dB (A)   | dB (A) |      |     | / m / qm | dB (A)    | dB (A) | dB    | m      | dB   | dB  | dB  | dB                 | dB    | dB    | dB   | dB   | dB    | dB   | dB (A) | dB (A) | dB    | dB            | dB   | dB (A)        | dB (A) |       |
| BE2 - Waage       | -     | 67.9     | 0.0    | Lw'  | 1.0 | 110.4    | 88.3      | 0.0    | 0.0   | 138.8  | 3.0  | 0.0 | 0.0 | 0.0                | 0.0   | -54.1 | -4.3 | -0.3 | -9.8  | 22.2 | 0.0    | 0.0    | 0.0   | 0.0           | 22.2 | 0.0           |        |       |
| BE2 Freifläche    | -     | 61.0     | 0.0    | Lw'' | 2.0 | 3291.2   | 96.2      | 0.0    | 0.0   | 153.3  | 3.0  | 0.0 | 0.0 | 0.0                | 1.0   | -56.5 | -4.3 | -0.4 | -16.8 | 22.4 | 0.0    | 0.0    | 0.0   | 0.0           | 22.4 | 0.0           |        |       |
| BE2 Sieb          | -     | 95.0     | 0.0    | Lw'  | 1.0 | 10.0     | 105.0     | 0.0    | 0.0   | 182.7  | 3.0  | 0.0 | 0.0 | 0.0                | 0.0   | -56.3 | -4.3 | -0.4 | -16.4 | 30.6 | 0.0    | 0.0    | 0.0   | 0.0           | 30.6 | 0.0           |        |       |
| BE3               | -     | 74.6     | 0.0    | Lw'' | 2.0 | 519.0    | 101.7     | 0.0    | 0.0   | 167.5  | 3.0  | 0.0 | 0.0 | 0.0                | 2.5   | -55.9 | -4.2 | -0.3 | -6.9  | 39.9 | 0.0    | 0.0    | 0.0   | 0.0           | 39.9 | 0.0           |        |       |
| Ein- und Ausfahrt | -     | 74.9     | 0.0    | Lw'  | 1.0 | 27.1     | 89.2      | 0.0    | 0.0   | 102.7  | 3.0  | 0.0 | 0.0 | 0.0                | 0.0   | -51.5 | -4.1 | -0.2 | 0.0   | 36.5 | 0.0    | 0.0    | 0.0   | 0.0           | 36.5 | 0.0           |        |       |
| Waage             | -     | 83.3     | 0.0    | Lw'  | 1.0 | 20.5     | 96.4      | 0.0    | 0.0   | 126.9  | 3.0  | 0.0 | 0.0 | 0.0                | 0.0   | -53.1 | -4.2 | -0.2 | 0.0   | 41.9 | 0.0    | 0.0    | 0.0   | 0.0           | 41.9 | 0.0           |        |       |
| Waage - BE2       | -     | 70.0     | 0.0    | Lw'  | 1.0 | 75.0     | 88.8      | 0.0    | 0.0   | 136.0  | 3.0  | 0.0 | 0.0 | 0.0                | 0.1   | -53.7 | -4.3 | -0.3 | -9.0  | 24.4 | 0.0    | 0.0    | 0.0   | 0.0           | 24.4 | 0.0           |        |       |
| Waage - BE3       | -     | 71.5     | 0.0    | Lw'  | 1.0 | 47.4     | 88.3      | 0.0    | 0.0   | 140.5  | 3.0  | 0.0 | 0.0 | 0.0                | 0.0   | -54.5 | -4.3 | -0.3 | -6.8  | 25.2 | 0.0    | 0.0    | 0.0   | 0.0           | 25.2 | 0.0           |        |       |

Aufpunktbezeichnung : I002      EG      W -FAS.      - GEB.: IO2      <ID>-  
Lage des Aufpunktes : Xi= 362.2551 km    Yi= 625.1449 km    Zi= 6.00 m  
                         Tag                            Nacht  
Immission : 41.0 dB(A)    -96.0 dB(A)

| Emittent          |       | Emission |        |      |     | RQ       | Anz./L/Fl | Lw,ges |       | Korr.  | min. | Dc  | DI  | mittlere Werte für |       |       |      |      |       |      |        | L AT   |       | Zeitzuschläge |      |               | Lm     |       |
|-------------------|-------|----------|--------|------|-----|----------|-----------|--------|-------|--------|------|-----|-----|--------------------|-------|-------|------|------|-------|------|--------|--------|-------|---------------|------|---------------|--------|-------|
| Name              | Ident | Tag      | Nacht  |      |     |          |           | Tag    | Nacht | Formel | ds   |     |     | Cmet               | Drefl | Adiv  | Agr  | Aatm | Abar  | Tag  | Nacht  | Tag    | Nacht | KEZ           | KR   | (L AT+KEZ+KR) | Tag    | Nacht |
|                   |       | dB (A)   | dB (A) |      |     | / m / qm | dB (A)    | dB (A) | dB    | m      | dB   | dB  | dB  | dB                 | dB    | dB    | dB   | dB   | dB    | dB   | dB (A) | dB (A) | dB    | dB            | dB   | dB (A)        | dB (A) |       |
| BE2 - Waage       | -     | 67.9     | 0.0    | Lw'  | 1.0 | 110.4    | 88.3      | 0.0    | 0.0   | 431.2  | 3.0  | 0.0 | 0.0 | 0.0                | 0.1   | -63.8 | -4.5 | -0.8 | -3.7  | 18.2 | 0.0    | 0.0    | 0.0   | 0.0           | 18.2 | 0.0           |        |       |
| BE2 Freifläche    | -     | 61.0     | 0.0    | Lw'' | 2.0 | 3291.2   | 96.2      | 0.0    | 0.0   | 377.6  | 3.0  | 0.0 | 0.0 | 0.0                | 1.7   | -63.4 | -4.5 | -0.8 | -1.9  | 30.4 | 0.0    | 0.0    | 0.0   | 0.0           | 30.4 | 0.0           |        |       |
| BE2 Sieb          | -     | 95.0     | 0.0    | Lw'  | 1.0 | 10.0     | 105.0     | 0.0    | 0.0   | 401.6  | 3.0  | 0.0 | 0.0 | 0.0                | 1.6   | -63.1 | -4.4 | -0.8 | -2.3  | 39.0 | 0.0    | 0.0    | 0.0   | 0.0           | 39.0 | 0.0           |        |       |
| BE3               | -     | 74.6     | 0.0    | Lw'' | 2.0 | 519.0    | 101.7     | 0.0    | 0.0   | 471.5  | 3.0  | 0.0 | 0.0 | 0.0                | 1.2   | -64.7 | -4.5 | -0.9 | -0.6  | 35.2 | 0.0    | 0.0    | 0.0   | 0.0           | 35.2 | 0.0           |        |       |
| Ein- und Ausfahrt | -     | 74.9     | 0.0    | Lw'  | 1.0 | 27.1     | 89.2      | 0.0    | 0.0   | 502.3  | 3.0  | 0.0 | 0.0 | 0.0                | 1.9   | -65.1 | -4.6 | -1.0 | -2.7  | 20.8 | 0.0    | 0.0    | 0.0   | 0.0           | 20.8 | 0.0           |        |       |
| Waage             | -     | 83.3     | 0.0    | Lw'  | 1.0 | 20.5     | 96.4      | 0.0    | 0.0   | 504.7  | 3.0  | 0.0 | 0.0 | 0.0                | 2.3   | -65.1 | -4.6 | -1.0 | -11.5 | 19.6 | 0.0    | 0.0    | 0.0   | 0.0           | 19.6 | 0.0           |        |       |
| Waage - BE2       | -     | 70.0     | 0.0    | Lw'  | 1.0 | 75.0     | 88.8      | 0.0    | 0.0   | 436.3  | 3.0  | 0.0 | 0.0 | 0.0                | 2.3   | -64.6 | -4.5 | -0.9 | -17.7 | 6.5  | 0.0    | 0.0    | 0.0   | 0.0           | 6.5  | 0.0           |        |       |
| Waage - BE3       | -     | 71.5     | 0.0    | Lw'  | 1.0 | 47.4     | 88.3      | 0.0    | 0.0   | 482.8  | 3.0  | 0.0 | 0.0 | 0.0                | 2.3   | -64.9 | -4.5 | -0.9 | -11.0 | 12.1 | 0.0    | 0.0    | 0.0   | 0.0           | 12.1 | 0.0           |        |       |

Aufpunktbezeichnung : I003      EG      WSW-FAS.      - GEB.: IO3      <ID>-  
Lage des Aufpunktes : Xi= 362.1068 km    Yi= 625.0362 km    Zi= 2.80 m  
                         Tag                            Nacht  
Immission : 41.2 dB(A)    -96.0 dB(A)

| Emittent          |       | Emission |        |      |     | RQ       | Anz./L/F1 | Lw,ges |       | Korr.  | min. | Dc  | DI  | mittlere Werte für |       |       |      |      |       |      |        | L AT   |       | Zeitzuschläge |      |               | Lm     |       |
|-------------------|-------|----------|--------|------|-----|----------|-----------|--------|-------|--------|------|-----|-----|--------------------|-------|-------|------|------|-------|------|--------|--------|-------|---------------|------|---------------|--------|-------|
| Name              | Ident | Tag      | Nacht  |      |     |          |           | Tag    | Nacht | Formel | ds   |     |     | Cmet               | Drefl | Adiv  | Agr  | Aatm | Abar  | Tag  | Nacht  | Tag    | Nacht | KEZ           | KR   | (L AT+KEZ+KR) | Tag    | Nacht |
|                   |       | dB (A)   | dB (A) |      |     | / m / qm | dB (A)    | dB (A) | dB    | m      | dB   | dB  | dB  | dB                 | dB    | dB    | dB   | dB   | dB    | dB   | dB (A) | dB (A) | dB    | dB            | dB   | dB (A)        | dB (A) |       |
| BE2 - Waage       | -     | 67.9     | 0.0    | Lw'  | 1.0 | 110.4    | 88.3      | 0.0    | 0.0   | 371.7  | 3.0  | 0.0 | 0.0 | 0.0                | 0.0   | -62.4 | -4.6 | -0.7 | -0.3  | 23.3 | 0.0    | 0.0    | 0.0   | 0.0           | 23.3 | 0.0           |        |       |
| BE2 Freifläche    | -     | 61.0     | 0.0    | Lw'' | 2.0 | 3291.2   | 96.2      | 0.0    | 0.0   | 290.6  | 3.0  | 0.0 | 0.0 | 0.0                | 0.6   | -61.1 | -4.5 | -0.6 | -2.6  | 31.1 | 0.0    | 0.0    | 0.0   | 0.0           | 31.1 | 0.0           |        |       |
| BE2 Sieb          | -     | 95.0     | 0.0    | Lw'  | 1.0 | 10.0     | 105.0     | 0.0    | 0.0   | 304.8  | 3.0  | 0.0 | 0.0 | 0.0                | 0.0   | -60.7 | -4.5 | -0.6 | -3.8  | 38.4 | 0.0    | 0.0    | 0.0   | 0.0           | 38.4 | 0.0           |        |       |
| BE3               | -     | 74.6     | 0.0    | Lw'' | 2.0 | 519.0    | 101.7     | 0.0    | 0.0   | 373.1  | 3.0  | 0.0 | 0.0 | 0.0                | 0.0   | -62.8 | -4.5 | -0.7 | -0.2  | 36.4 | 0.0    | 0.0    | 0.0   | 0.0           | 36.4 | 0.0           |        |       |
| Ein- und Ausfahrt | -     | 74.9     | 0.0    | Lw'  | 1.0 | 27.1     | 89.2      | 0.0    | 0.0   | 432.3  | 3.0  | 0.0 | 0.0 | 0.0                | 0.0   | -64.0 | -4.6 | -0.8 | -7.9  | 15.0 | 0.0    | 0.0    | 0.0   | 0.0           | 15.0 | 0.0           |        |       |
| Waage             | -     | 83.3     | 0.0    | Lw'  | 1.0 | 20.5     | 96.4      | 0.0    | 0.0   | 426.8  | 3.0  | 0.0 | 0.0 | 0.0                | 0.0   | -63.6 | -4.6 | -0.8 | -10.5 | 19.8 | 0.0    | 0.0    | 0.0   | 0.0           | 19.8 | 0.0           |        |       |
| Waage - BE2       | -     | 70.0     | 0.0    | Lw'  | 1.0 | 75.0     | 88.8      | 0.0    | 0.0   | 355.5  | 3.0  | 0.0 | 0.0 | 0.0                | 0.0   | -63.1 | -4.6 | -0.8 | -2.8  | 20.9 | 0.0    | 0.0    | 0.0   | 0.0           | 20.9 | 0.0           |        |       |
| Waage - BE3       | -     | 71.5     | 0.0    | Lw'  | 1.0 | 47.4     | 88.3      | 0.0    | 0.0   | 399.0  | 3.0  | 0.0 | 0.0 | 0.0                | 0.0   | -63.2 | -4.6 | -0.8 | -0.2  | 22.4 | 0.0    | 0.0    | 0.0   | 0.0           | 22.4 | 0.0           |        |       |