

# Impianto eolico di Collinas

## Progetto definitivo

Oggetto:

**COL-49 –Allegato 1\_misure fonometriche**

Proponente:



**Sorgenia Renewables S.r.l.**  
Via Algardi 4  
Milano (MI)

Progettista:




**Stantec S.p.A.**  
Centro Direzionale Milano 2, Palazzo Canova  
Segrate (Milano)

Rev. N.	Data	Descrizione modifiche	Redatto da	Rivisto da	Approvato da
00	05/06/2023	Prima Emissione	M. SERGENTI	S. SALINI	M. SERGENTI

Fase progetto: **Definitivo**


Formato elaborato: **A2**

Nome File: **COL-49.00** - Allegato

 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	<i>Customer/Committente</i> <i>Sorgenia Renewables S.r.l.</i>		<i>Project Number/Numero Progetto</i>
	<i>General Project/Progetto Generale</i> <i>Valutazione Impatto Acustico</i>		<i>Activity/Attività effettuata</i> <i>Misure acustiche esterne</i>
	<i>Date/Data: 03-05/04/2023</i>	<i>Revision/Revisione: 01.00</i>	<i>Location/Località: Collinas (SU)</i>
	<i>Project Manager/Responsabile Progetto: SM</i>		<i>Sheet/Pagina: 1</i>

## *Misure fonometriche a breve termine*



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	Costumer/Committente <b>Sorgenia Renewables S.r.l.</b>		Project Number/Numero Progetto
	General Project/Progetto Generale <b>Valutazione Impatto Acustico</b>		Activity/Attività effettuata <b>Misure acustiche esterne</b>
	Date/Data: 03-05/04/2023	Revision/Revisione: 01.00	Location/Località: Collinas (SU)
	Project Manager/Responsabile Progetto: SM		Sheet/Pagina: 2

### BT01 Mattino

#### Valori acustici principali

$Leq(A)$ : 48.4

$Lmin(A)$ : 26.5 dBA

$Lmax(A)$ : 78.1 dBA

$L01$ : 56.1 dBA

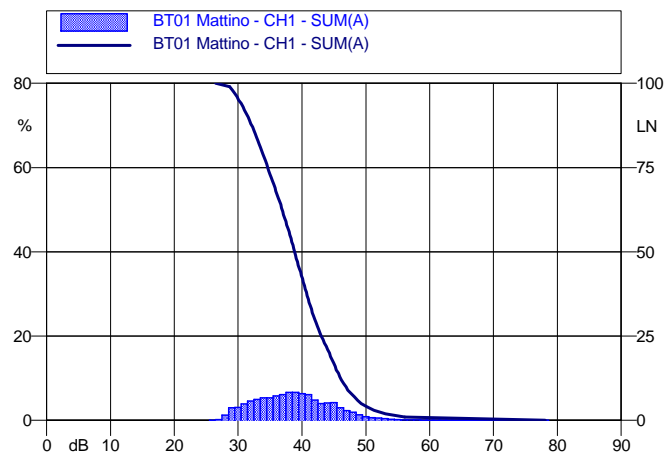
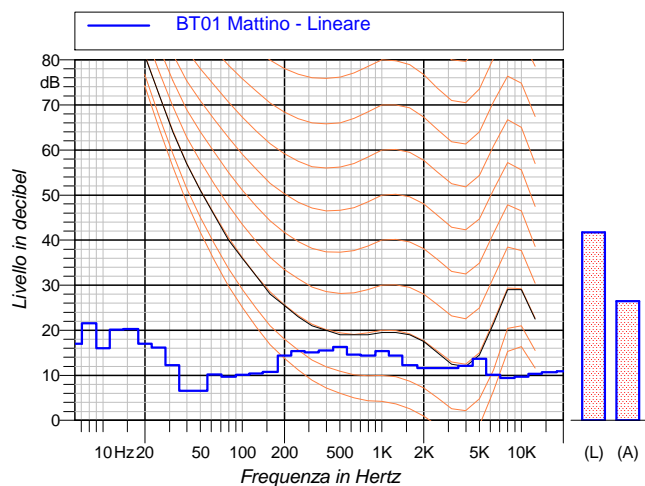
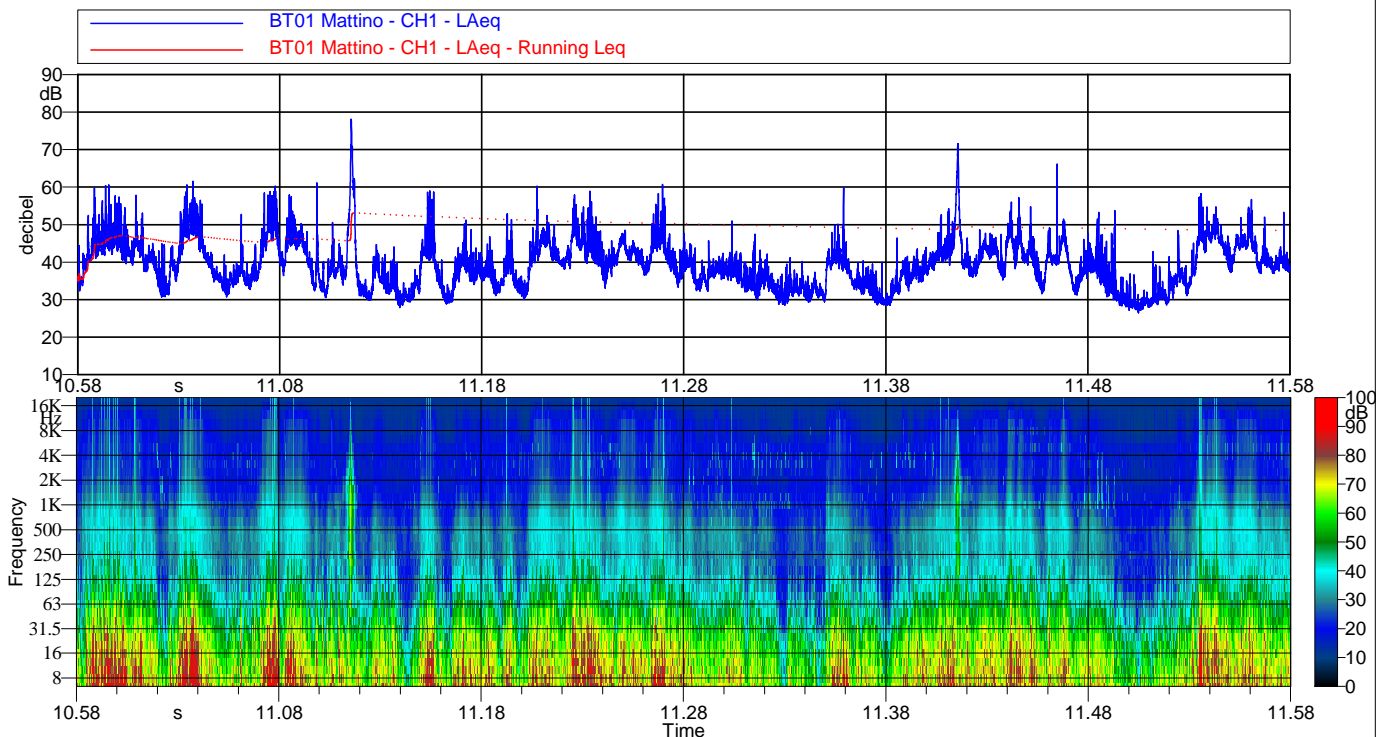
$L10$ : 46.9 dBA


$L50$ : 38.8 dBA

$L66$ : 36.3 dBA

$L90$ : 31.6 dBA

$L95$ : 30.1 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	Costumer/Committente <b>Sorgenia Renewables S.r.l.</b>		Project Number/Numero Progetto	
	General Project/Progetto Generale <b>Valutazione Impatto Acustico</b>		Activity/Attività effettuata <b>Misure acustiche esterne</b>	
	Date/Data: 03-05/04/2023	Revision/Revisione: 01.00	Location/Località: Collinas (SU)	
	Project Manager/Responsabile Progetto: SM			Sheet/Pagina: 3

### BT01 Pomeriggio

#### Valori acustici principali

Leq(A): 44.7

Lmin(A): 25.8 dBA

Lmax(A): 74.0 dBA

L01: 52.6 dBA

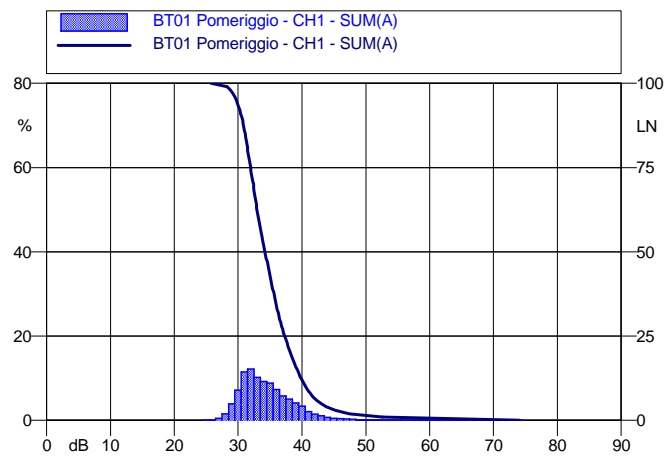
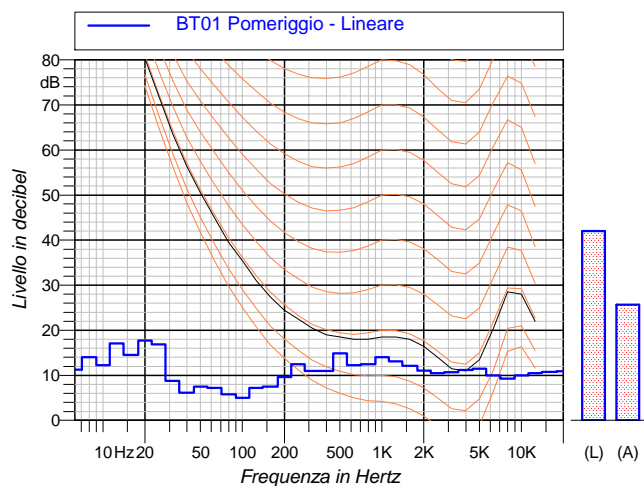
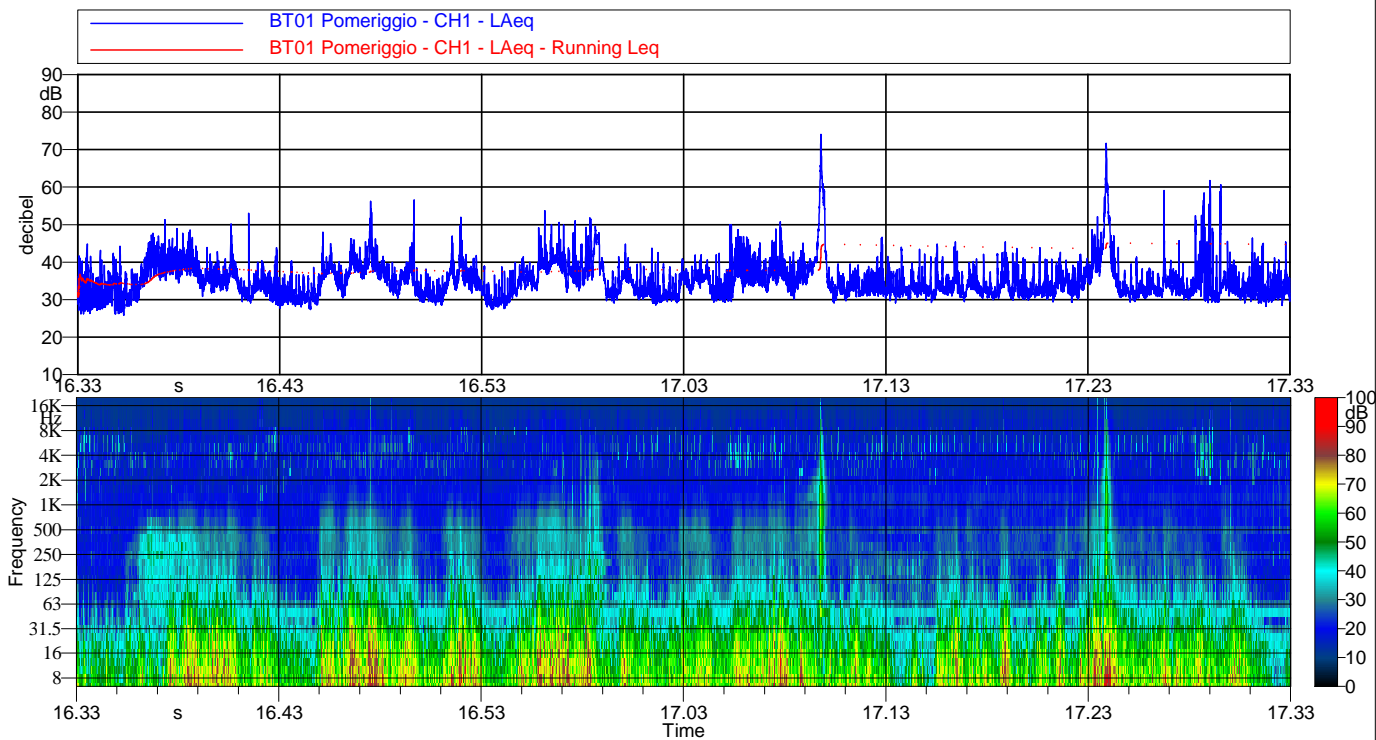
L10: 40.6 dBA

L50: 34.2 dBA

L66: 32.7 dBA

L90: 30.6 dBA

L95: 29.7 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	<i>Costumer/Committente</i> <b>Sorgenia Renewables S.r.l.</b>		<i>Project Number/Numero Progetto</i>
	<i>General Project/Progetto Generale</i> <b>Valutazione Impatto Acustico</b>		<i>Activity/Attività effettuata</i> <b>Misure acustiche esterne</b>
	<i>Date/Data:</i> 03-05/04/2023	<i>Revision/Revisione:</i> 01.00	<i>Location/Località:</i> Collinas (SU)
	<i>Project Manager/Responsabile Progetto:</i> SM		<i>Sheet/Pagina:</i> 4

### BT01 Notte

#### Valori acustici principali

*Leq(A):* 27.8

*Lmin(A):* 19.1 dBA

*Lmax(A):* 52.9 dBA

*L01:* 35.4 dBA

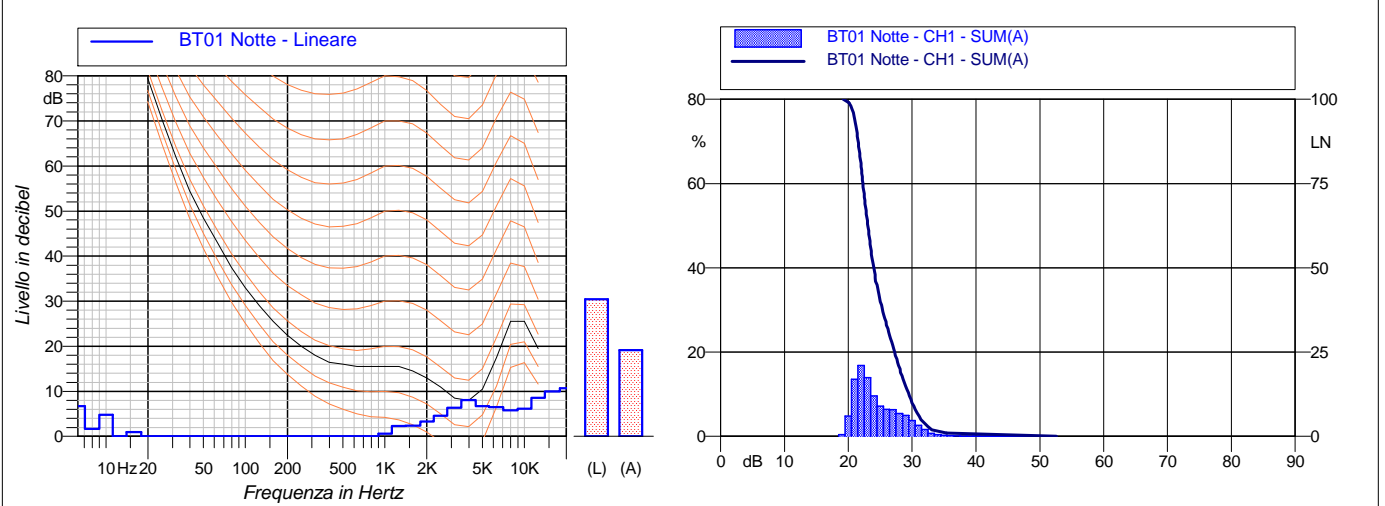
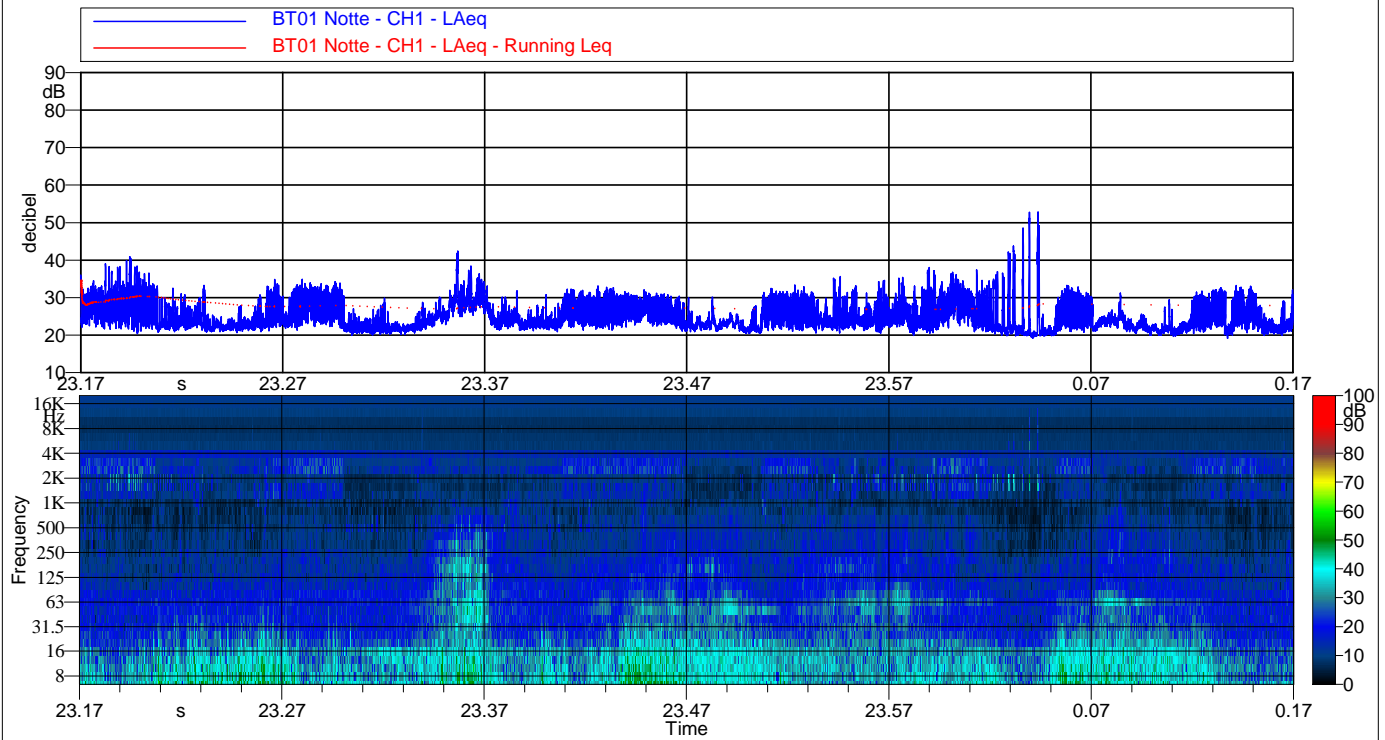
*L10:* 30.0 dBA


*L50:* 24.0 dBA

*L66:* 22.8 dBA

*L90:* 21.4 dBA

*L95:* 20.9 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	Customer/Committente <b>Sorgenia Renewables S.r.l.</b>		Project Number/Numero Progetto	
	General Project/Progetto Generale <b>Valutazione Impatto Acustico</b>		Activity/Attività effettuata <b>Misure acustiche esterne</b>	
	Date/Data: 03-05/04/2023	Revision/Revisione: 01.00	Location/Località: Collinas (SU)	
	Project Manager/Responsabile Progetto: SM			Sheet/Pagina: 5

### BT02 Mattino

#### Valori acustici principali

Leq(A): 53.5

Lmin(A): 27.2 dBA

Lmax(A): 85.4 dBA

L01: 60.5 dBA

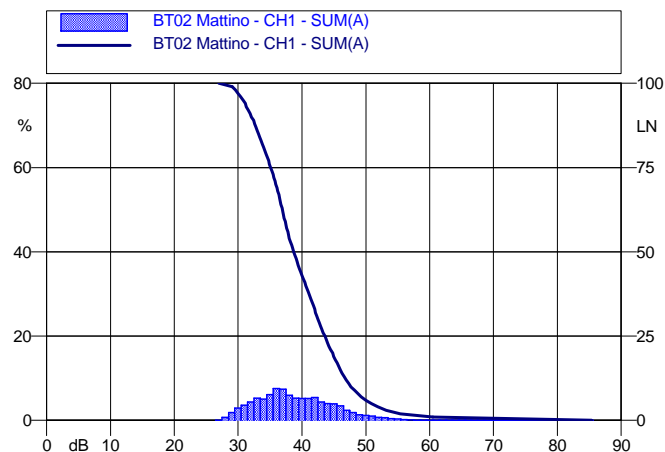
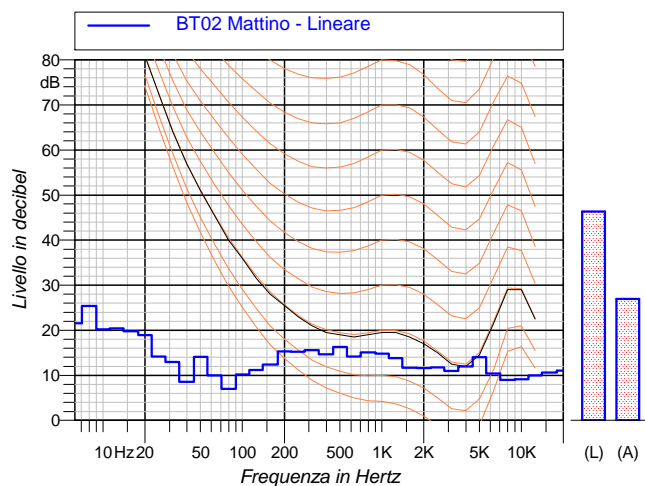
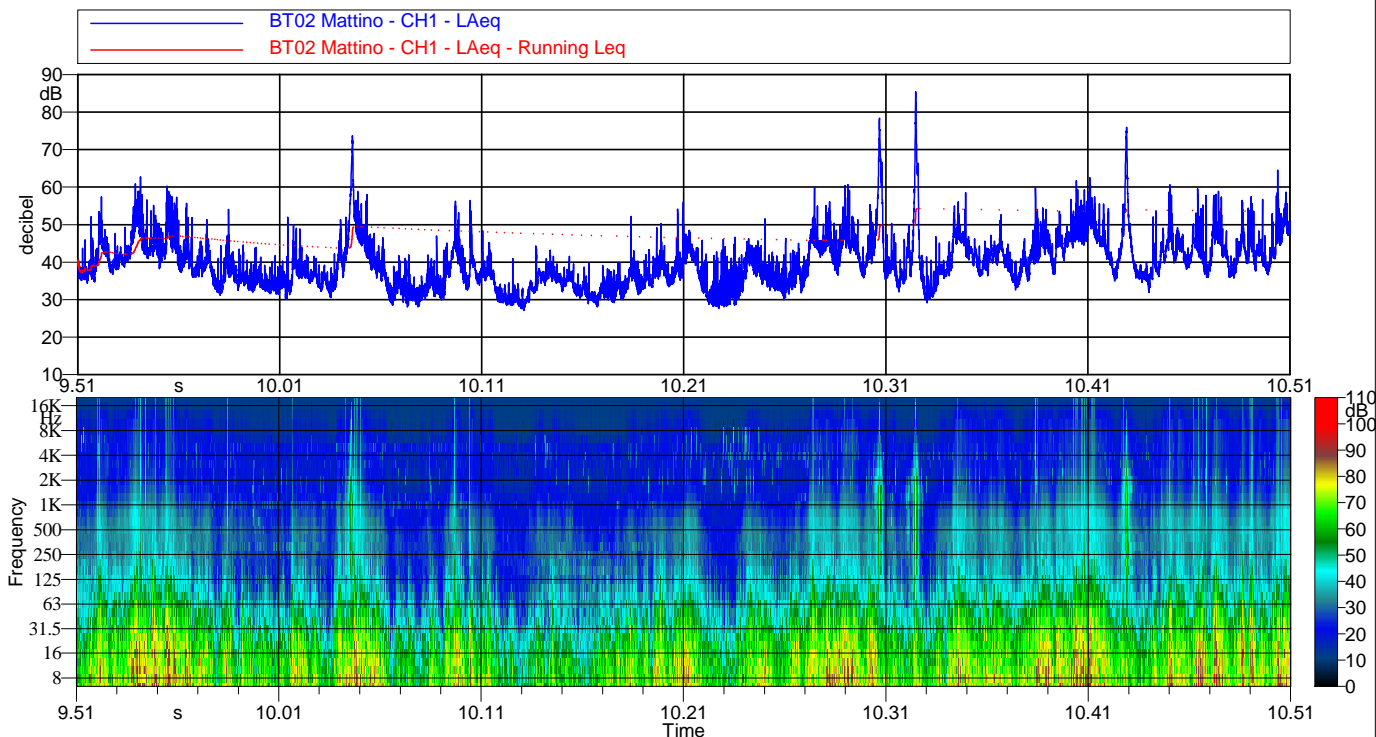
L10: 47.7 dBA


L50: 38.7 dBA

L66: 36.5 dBA

L90: 32.1 dBA

L95: 30.8 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	<i>Customer/Committente</i> <b>Sorgenia Renewables S.r.l.</b>		<i>Project Number/Numero Progetto</i>
	<i>General Project/Progetto Generale</i> <b>Valutazione Impatto Acustico</b>		<i>Activity/Attività effettuata</i> <b>Misure acustiche esterne</b>
	<i>Date/Data:</i> 03-05/04/2023	<i>Revision/Revisione:</i> 01.00	<i>Location/Località:</i> Collinas (SU)
	<i>Project Manager/Responsabile Progetto:</i> SM		<i>Sheet/Pagina:</i> 6

### BT02 Pomeriggio

#### Valori acustici principali

*Leq(A):* 51.6

*Lmin(A):* 27.3 dBA

*Lmax(A):* 83.0 dBA

*L01:* 52.6 dBA

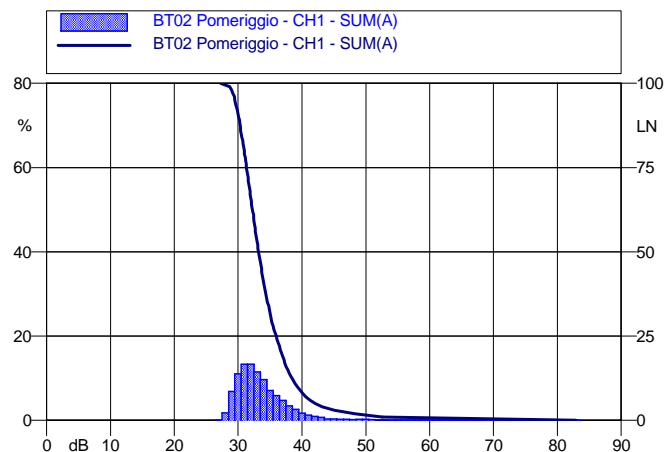
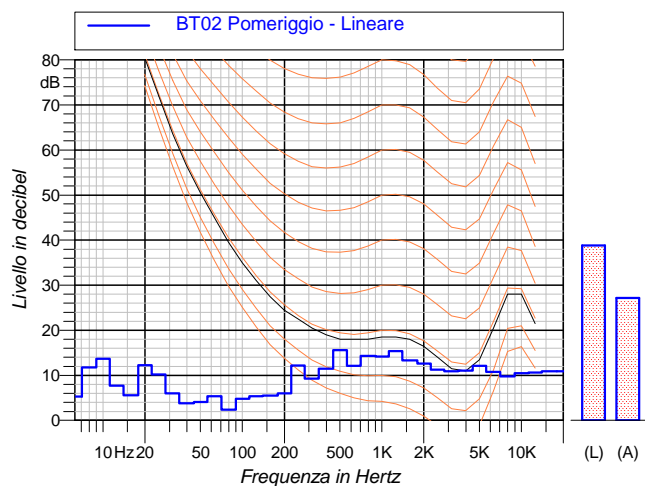
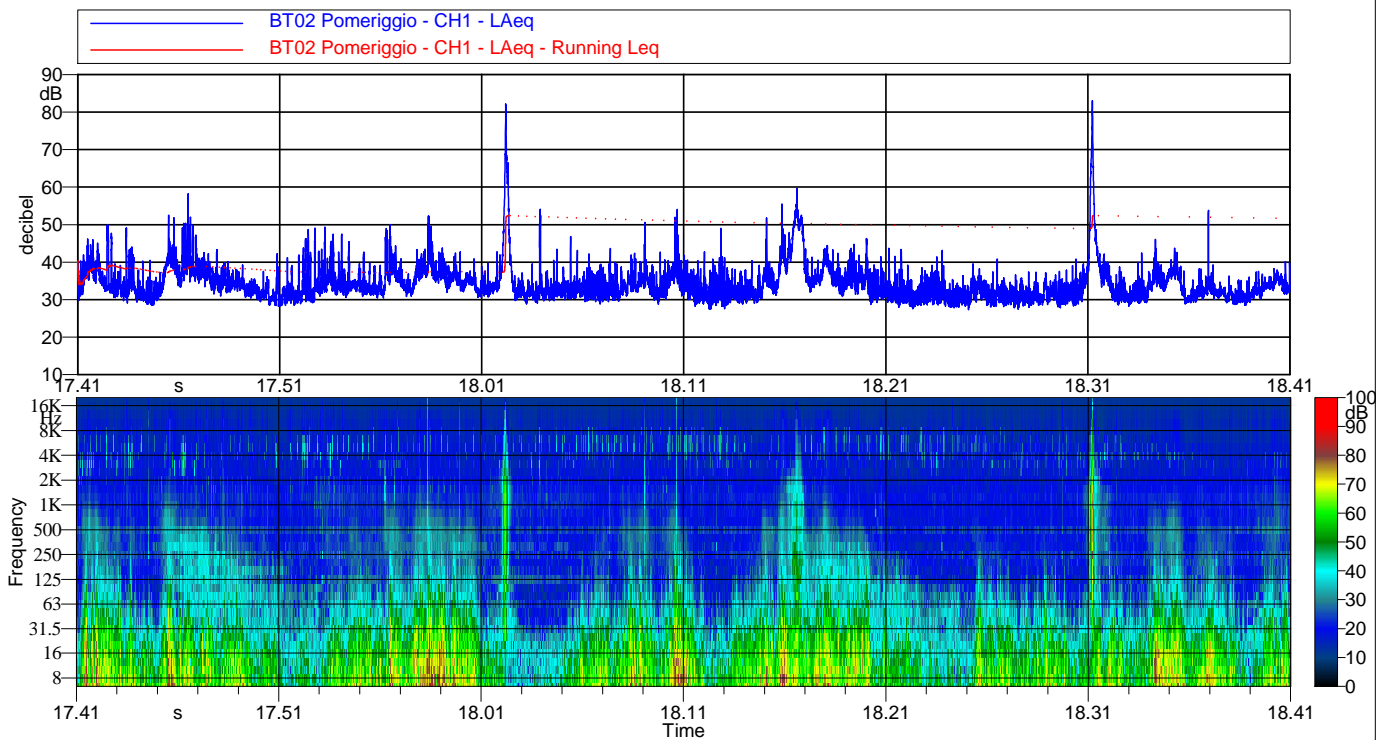
*L10:* 39.3 dBA


*L50:* 33.2 dBA

*L66:* 32.0 dBA

*L90:* 30.1 dBA

*L95:* 29.5 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	Costumer/Committente <b>Sorgenia Renewables S.r.l.</b>		Project Number/Numero Progetto	
	General Project/Progetto Generale <b>Valutazione Impatto Acustico</b>		Activity/Attività effettuata <b>Misure acustiche esterne</b>	
	Date/Data: 03-05/04/2023	Revision/Revisione: 01.00	Location/Località: Collinas (SU)	
	Project Manager/Responsabile Progetto: SM			Sheet/Pagina: 7

### BT02 Notte

#### Valori acustici principali

Leq(A): 26.1

Lmin(A): 19.1 dBA

Lmax(A): 53.3 dBA

L01: 32.7 dBA

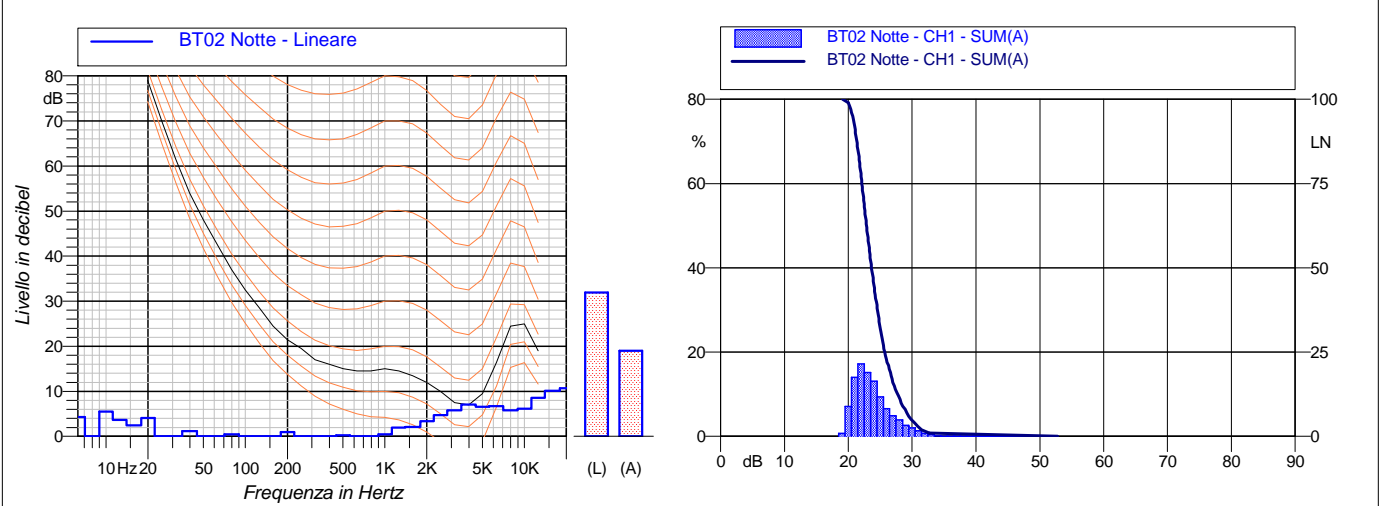
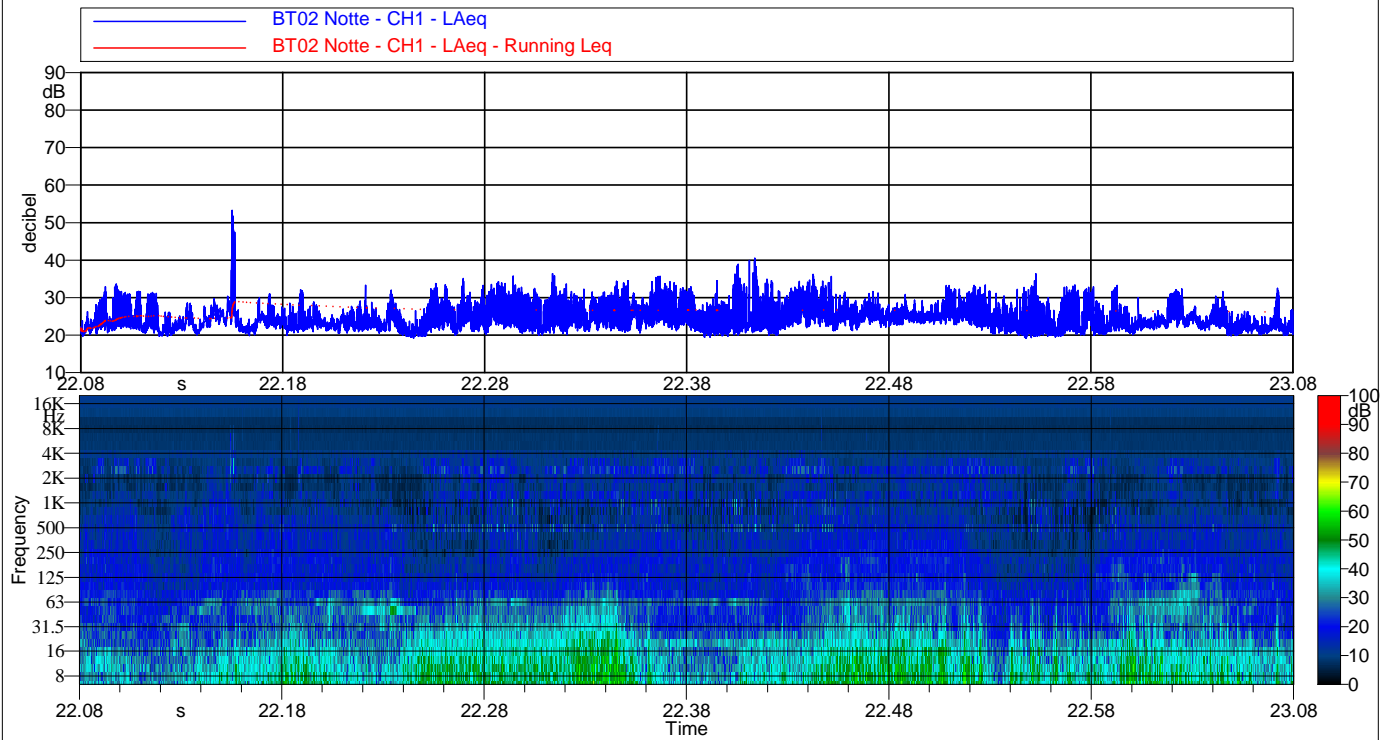
L10: 28.3 dBA

L50: 23.6 dBA

L66: 22.6 dBA

L90: 21.1 dBA

L95: 20.7 dBA





 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	Customer/Committente <b>Sorgenia Renewables S.r.l.</b>		Project Number/Numero Progetto
	General Project/Progetto Generale <b>Valutazione Impatto Acustico</b>		Activity/Attività effettuata <b>Misure acustiche esterne</b>
	Date/Data: 03-05/04/2023	Revision/Revisione: 01.00	Location/Località: Collinas (SU)
	Project Manager/Responsabile Progetto: SM		Sheet/Pagina: 8

### BT03 Mattino

#### Valori acustici principali

Leq(A): 50.3

Lmin(A): 29.9 dBA

Lmax(A): 76.7 dBA

L01: 59.6 dBA

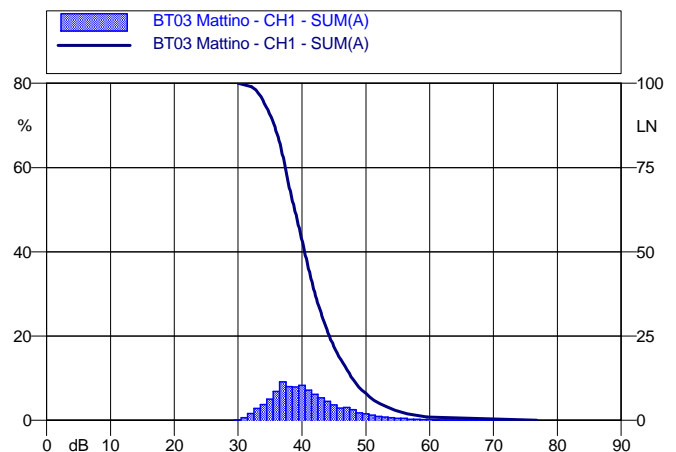
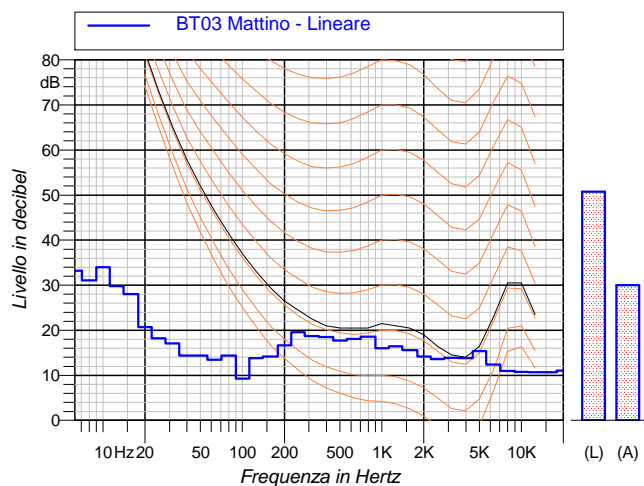
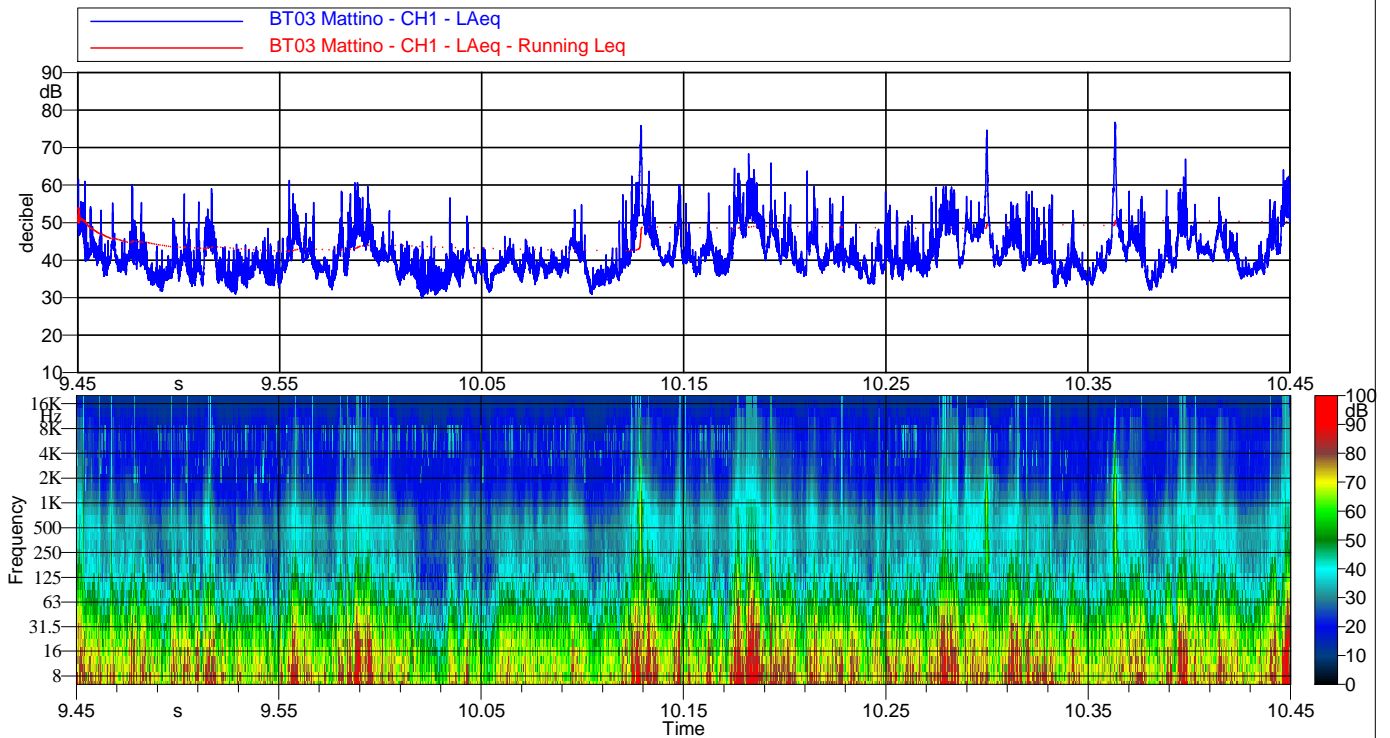
L10: 48.9 dBA

L50: 40.4 dBA

L66: 38.4 dBA

L90: 35.2 dBA

L95: 33.9 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	Costumer/Committente <b>Sorgenia Renewables S.r.l.</b>		Project Number/Numero Progetto	
	General Project/Progetto Generale <b>Valutazione Impatto Acustico</b>		Activity/Attività effettuata <b>Misure acustiche esterne</b>	
	Date/Data: 03-05/04/2023	Revision/Revisione: 01.00	Location/Località: Collinas (SU)	
	Project Manager/Responsabile Progetto: SM			Sheet/Pagina: 9

### BT03 Pomeriggio

#### Valori acustici principali

Leq(A): 38.6

Lmin(A): 26.9 dBA

Lmax(A): 59.9 dBA

L01: 49.4 dBA

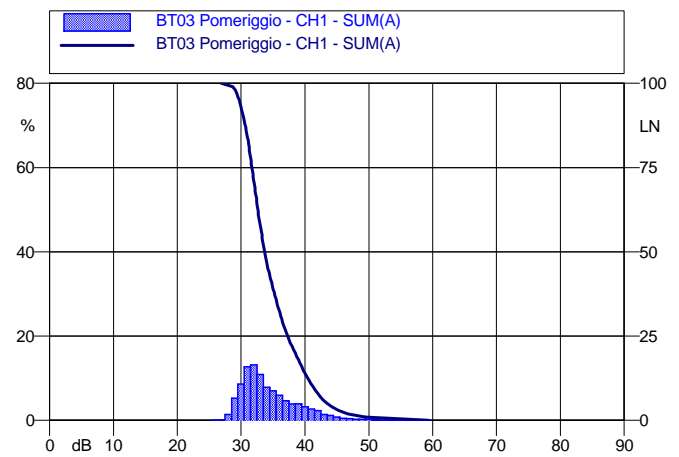
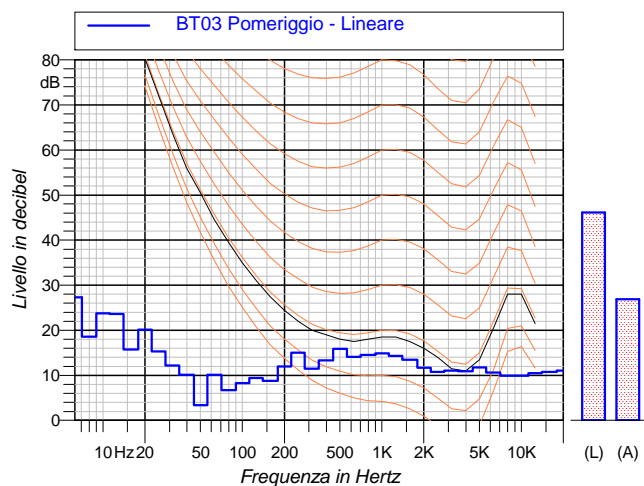
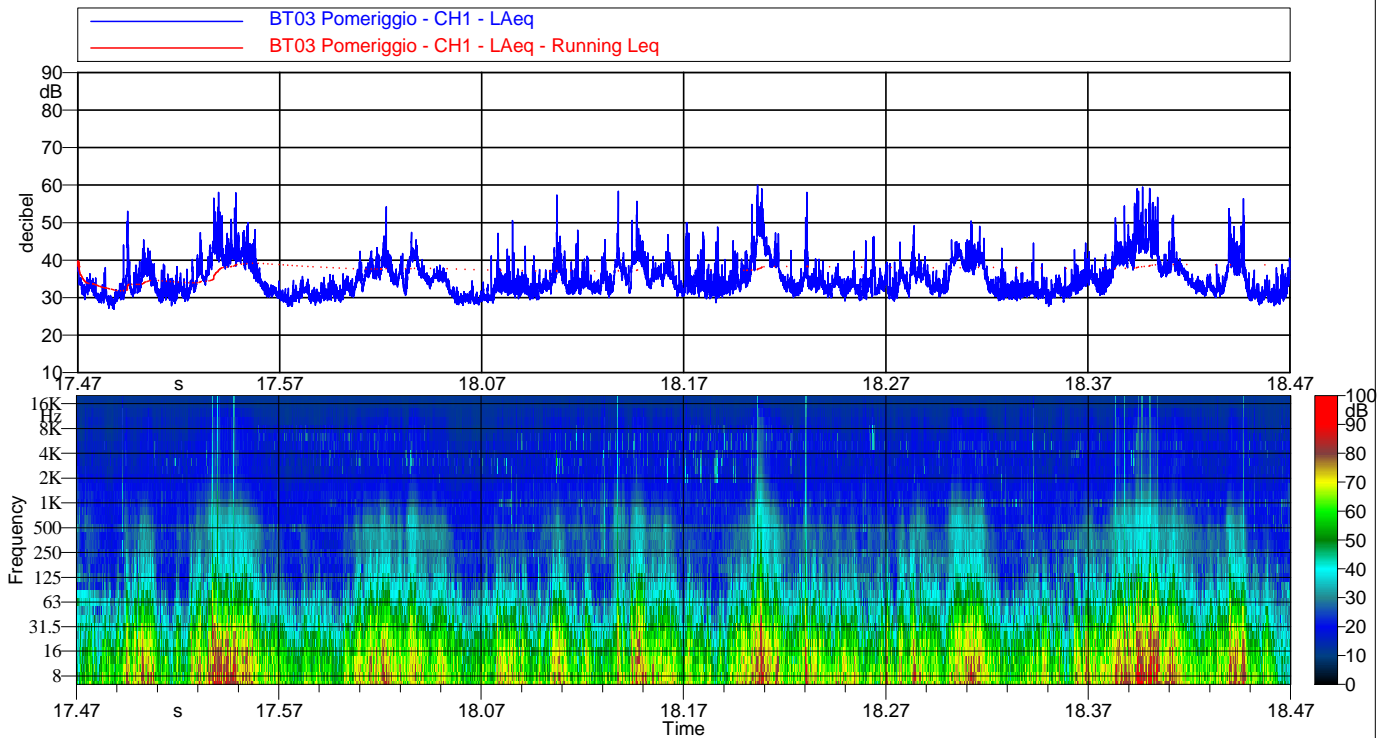
L10: 41.3 dBA

L50: 33.7 dBA

L66: 32.4 dBA

L90: 30.4 dBA

L95: 29.7 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	Costumer/Committente <b>Sorgenia Renewables S.r.l.</b>		Project Number/Numero Progetto	
	General Project/Progetto Generale <b>Valutazione Impatto Acustico</b>		Activity/Attività effettuata <b>Misure acustiche esterne</b>	
	Date/Data: 03-05/04/2023	Revision/Revisione: 01.00	Location/Località: Collinas (SU)	
	Project Manager/Responsabile Progetto: SM			Sheet/Pagina: 10

### BT03 Notte

#### Valori acustici principali

$Leq(A)$ : 24.5

$Lmin(A)$ : 18.3 dBA

$Lmax(A)$ : 36.3 dBA

$L01$ : 32.2 dBA

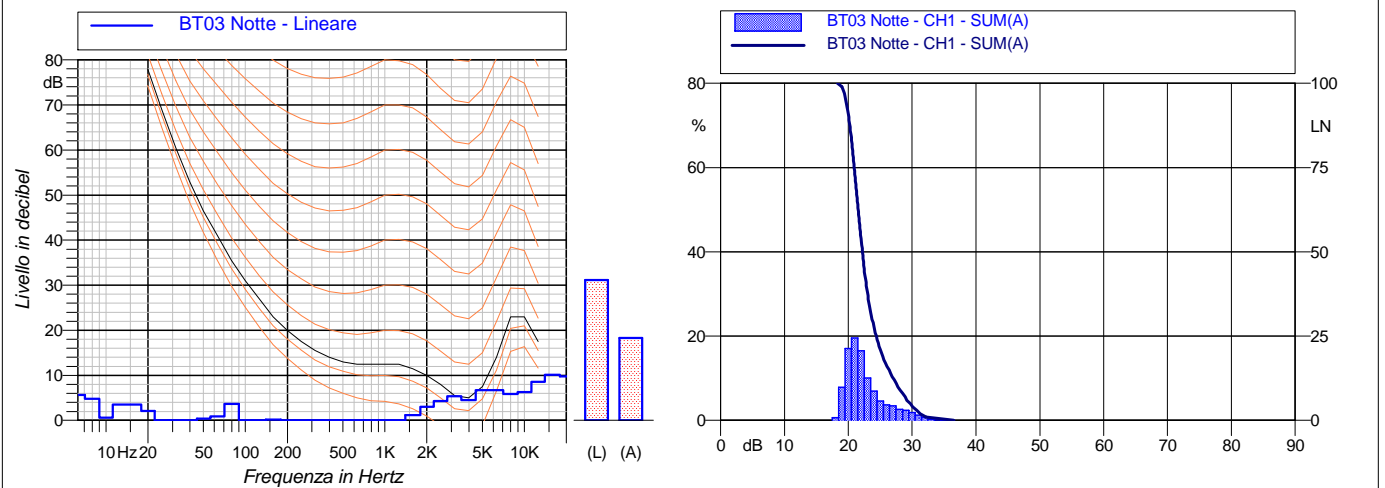
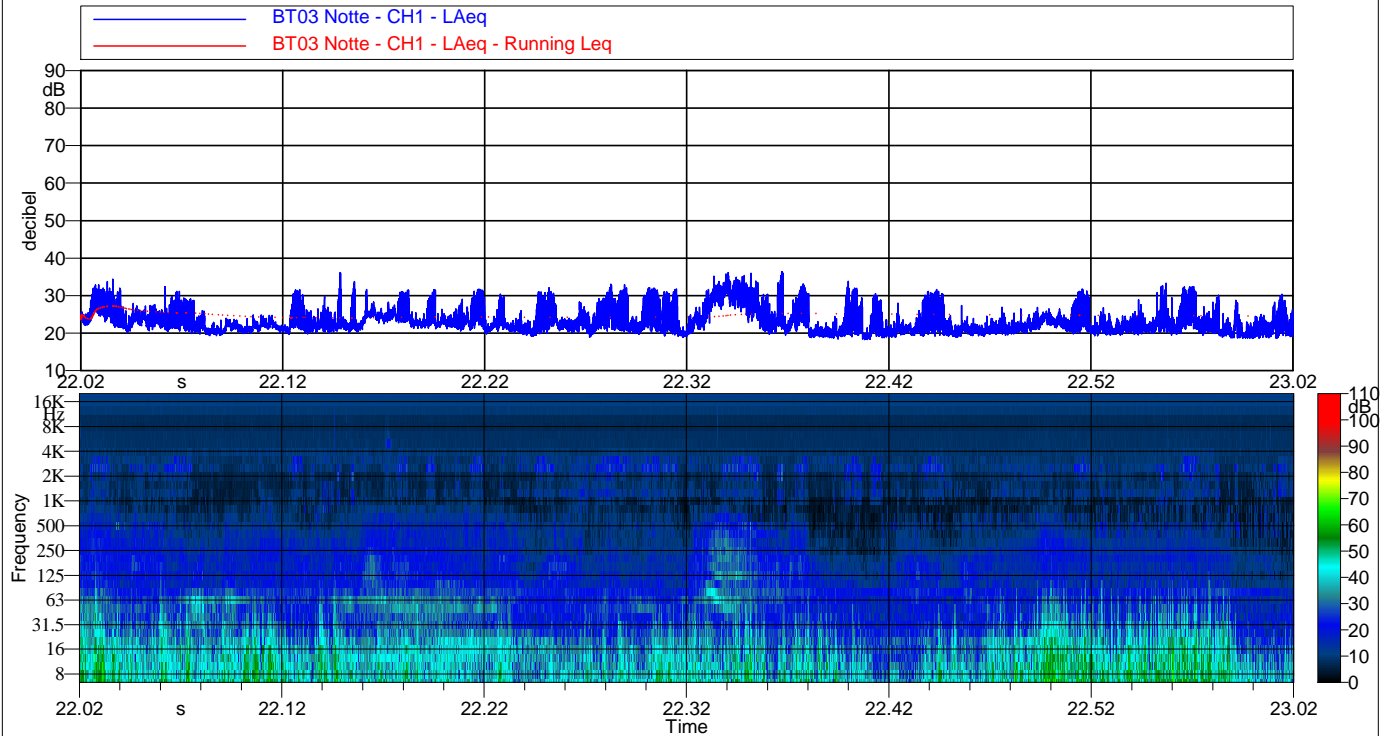
$L10$ : 27.8 dBA

$L50$ : 22.2 dBA

$L66$ : 21.4 dBA

$L90$ : 20.1 dBA

$L95$ : 19.6 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	<i>Customer/Committente</i> <b>Sorgenia Renewables S.r.l.</b>		<i>Project Number/Numero Progetto</i>
	<i>General Project/Progetto Generale</i> <b>Valutazione Impatto Acustico</b>		<i>Activity/Attività effettuata</i> <b>Misure acustiche esterne</b>
	<i>Date/Data:</i> 03-05/04/2023	<i>Revision/Revisione:</i> 01.00	<i>Location/Località:</i> Collinas (SU)
	<i>Project Manager/Responsabile Progetto:</i> SM		<i>Sheet/Pagina:</i> 11

### BT04 Mattino

#### Valori acustici principali

*Leq(A):* 53.9

*Lmin(A):* 33.4 dBA

*Lmax(A):* 79.9 dBA

*L01:* 63.3 dBA

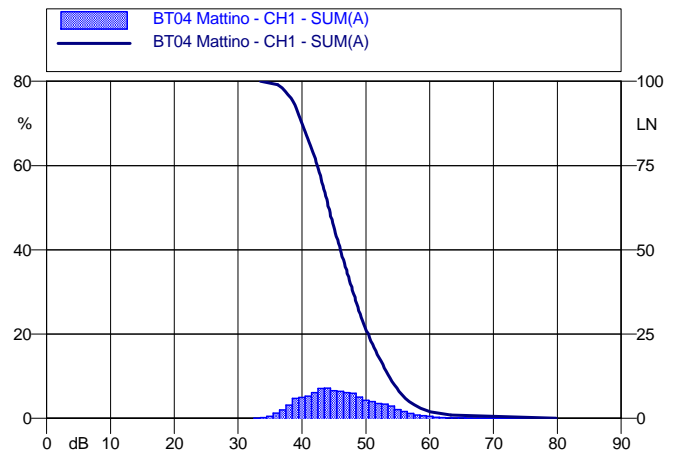
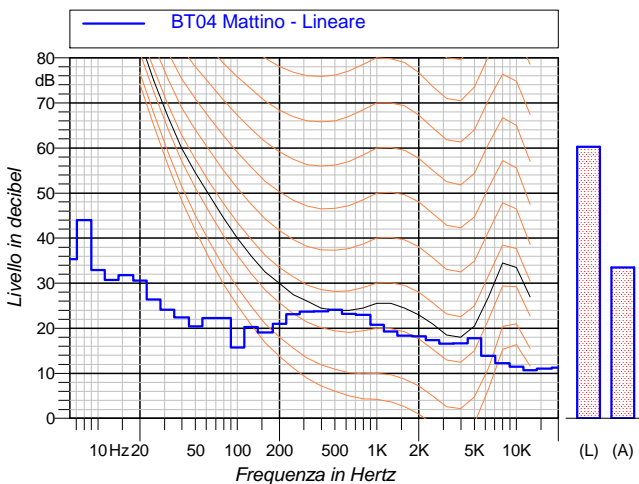
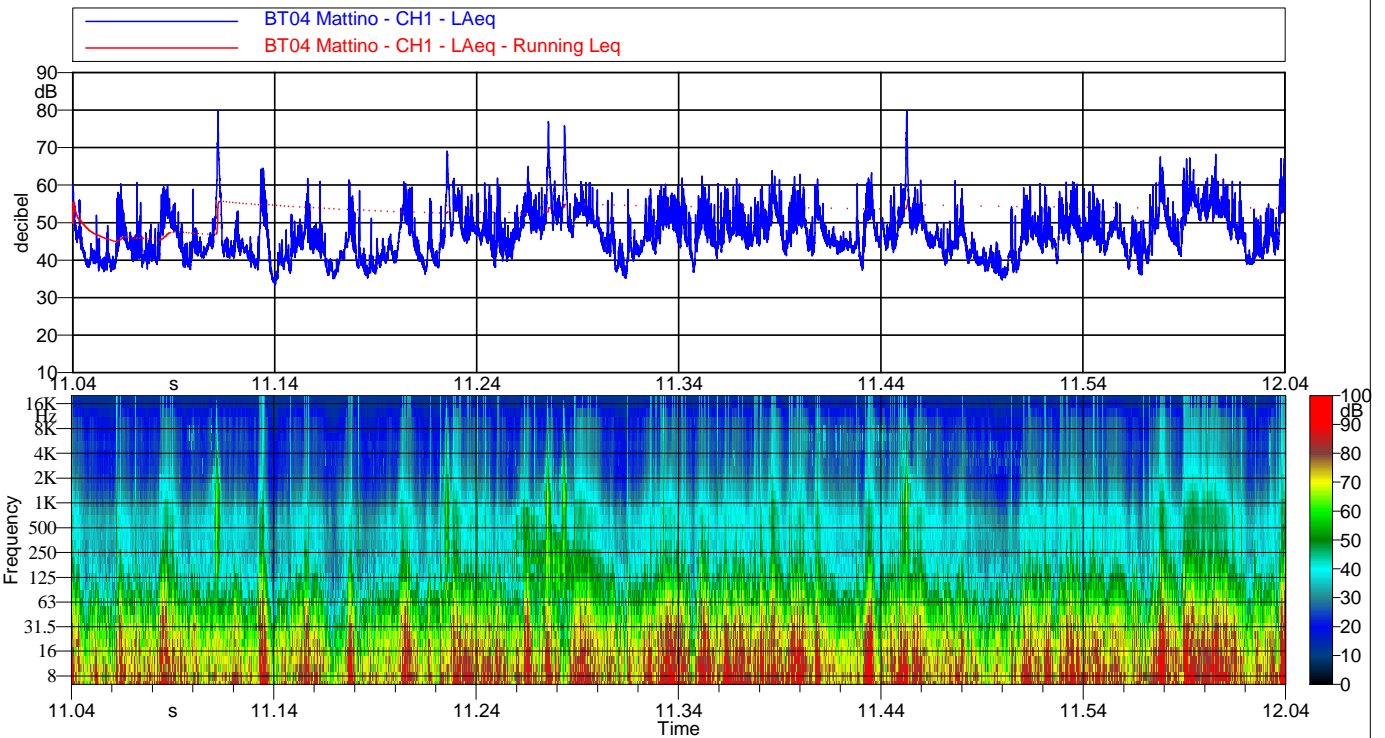
*L10:* 54.5 dBA


*L50:* 46.0 dBA

*L66:* 43.7 dBA

*L90:* 39.5 dBA

*L95:* 38.3 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	Costumer/Committente <b>Sorgenia Renewables S.r.l.</b>		Project Number/Numero Progetto	
	General Project/Progetto Generale <b>Valutazione Impatto Acustico</b>		Activity/Attività effettuata <b>Misure acustiche esterne</b>	
	Date/Data: 03-05/04/2023	Revision/Revisione: 01.00	Location/Località: Collinas (SU)	
	Project Manager/Responsabile Progetto: SM			Sheet/Pagina: 12

### BT04 Pomeriggio

#### Valori acustici principali

$Leq(A)$ : 46.9

$Lmin(A)$ : 26.0 dBA

$Lmax(A)$ : 78.3 dBA

$L01$ : 54.3 dBA

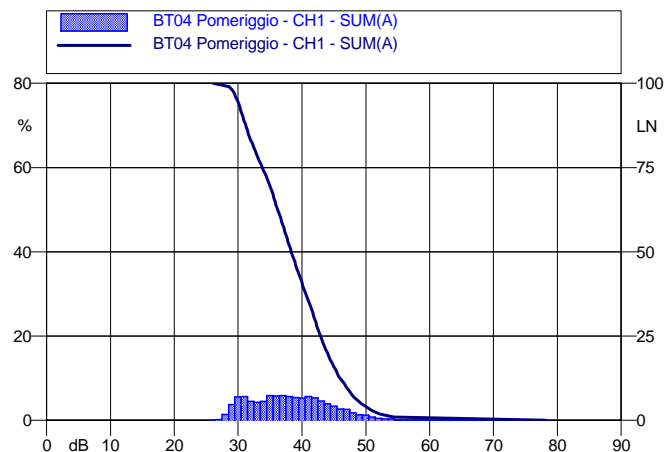
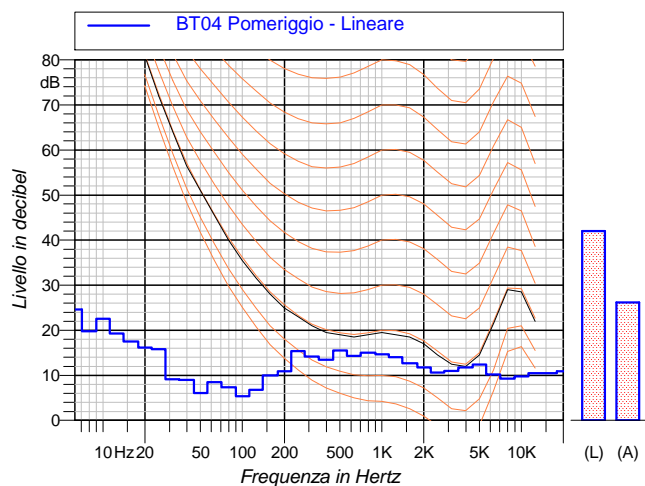
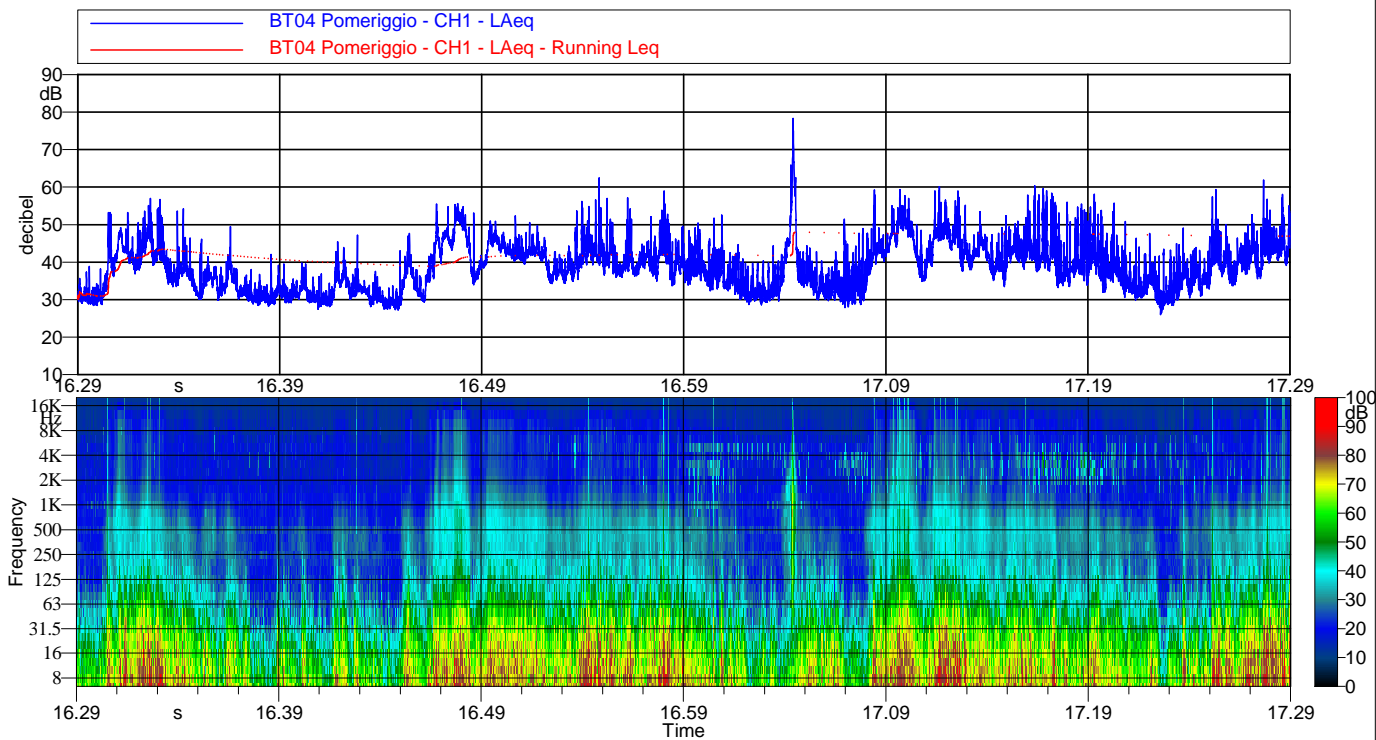
$L10$ : 46.9 dBA

$L50$ : 38.3 dBA

$L66$ : 35.6 dBA

$L90$ : 30.8 dBA

$L95$ : 29.9 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	Costumer/Committente <b>Sorgenia Renewables S.r.l.</b>		Project Number/Numero Progetto	
	General Project/Progetto Generale <b>Valutazione Impatto Acustico</b>		Activity/Attività effettuata <b>Misure acustiche esterne</b>	
	Date/Data: 03-05/04/2023	Revision/Revisione: 01.00	Location/Località: Collinas (SU)	
	Project Manager/Responsabile Progetto: SM			Sheet/Pagina: 13

### BT04 Notte

#### Valori acustici principali

Leq(A): 24.0

Lmin(A): 18.4 dBA

Lmax(A): 43.3 dBA

L01: 32.0 dBA

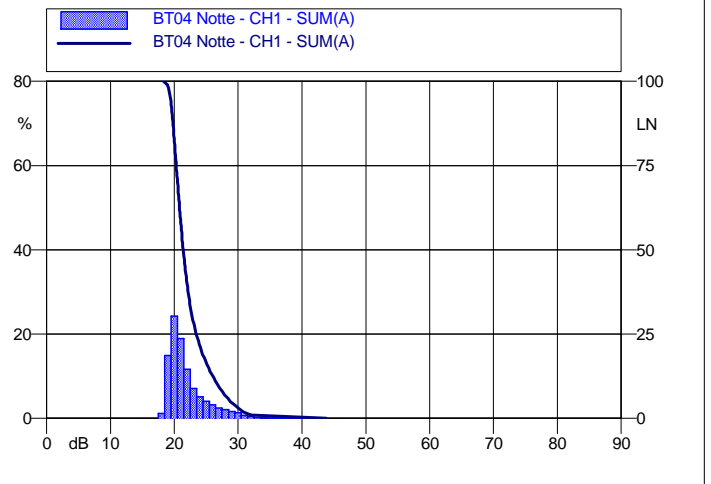
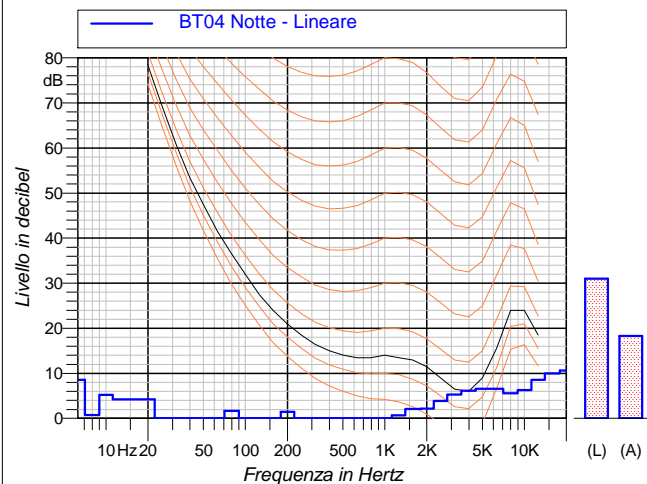
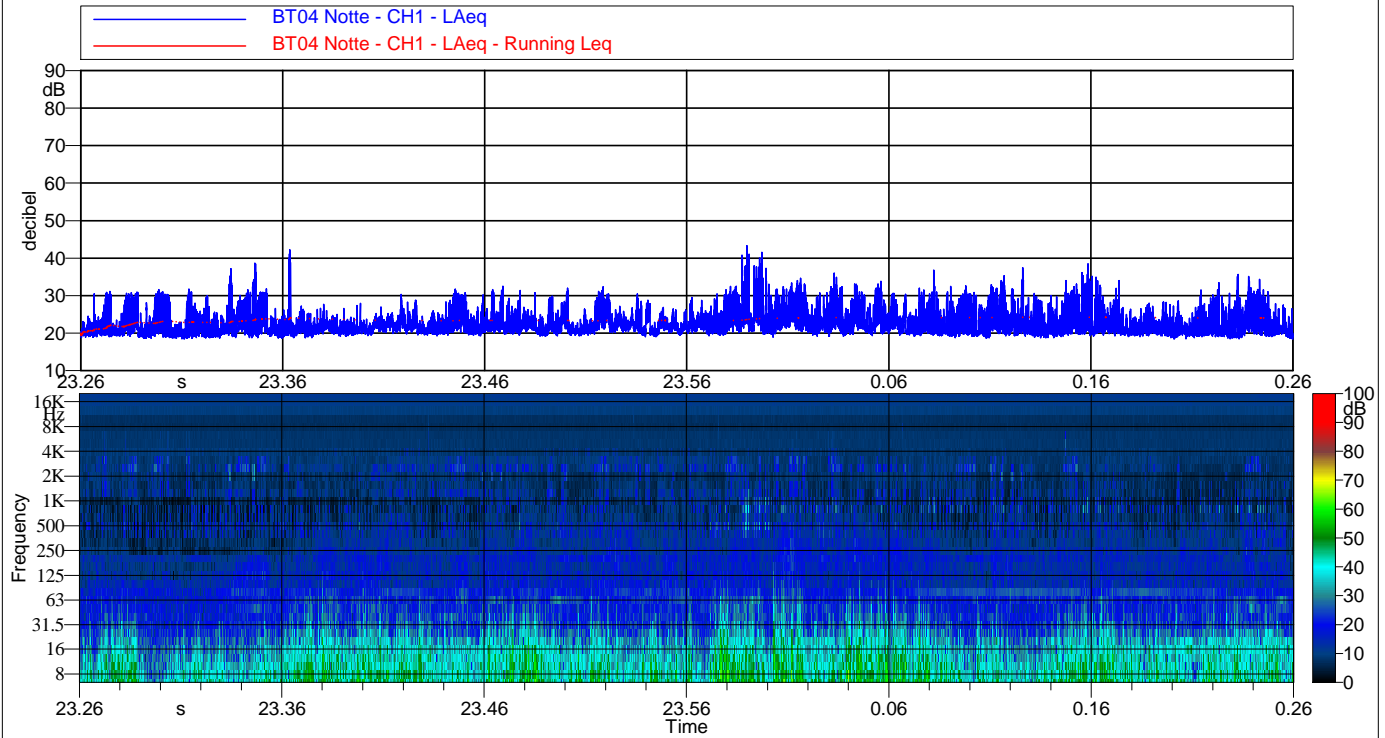
L10: 26.8 dBA


L50: 21.4 dBA

L66: 20.7 dBA

L90: 19.7 dBA

L95: 19.4 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	Customer/Committente <b>Sorgenia Renewables S.r.l.</b>	Project Number/Numero Progetto	
	General Project/Progetto Generale <b>Valutazione Impatto Acustico</b>	Activity/Attività effettuata <b>Misure acustiche esterne</b>	
	Date/Data: 03-05/04/2023	Revision/Revisione: 01.00	Location/Località: Collinas (SU)
	Project Manager/Responsabile Progetto: SM		Sheet/Pagina: 14

### BT05 Mattino

#### Valori acustici principali

$L_{eq}(A)$ : 57.5

$L_{min}(A)$ : 34.8 dBA

$L_{max}(A)$ : 86.1 dBA

$L_{01}$ : 69.1 dBA

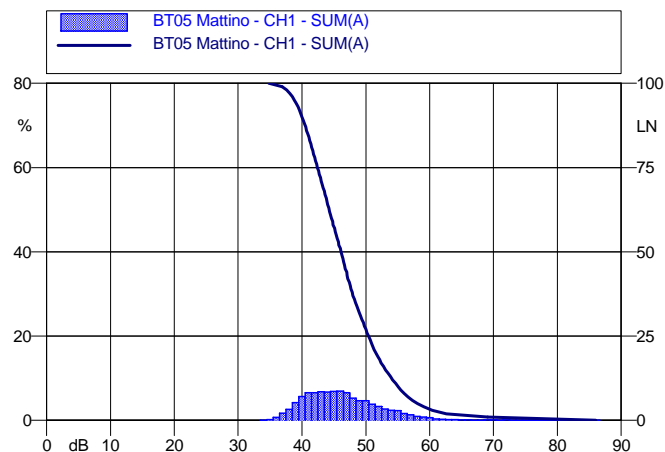
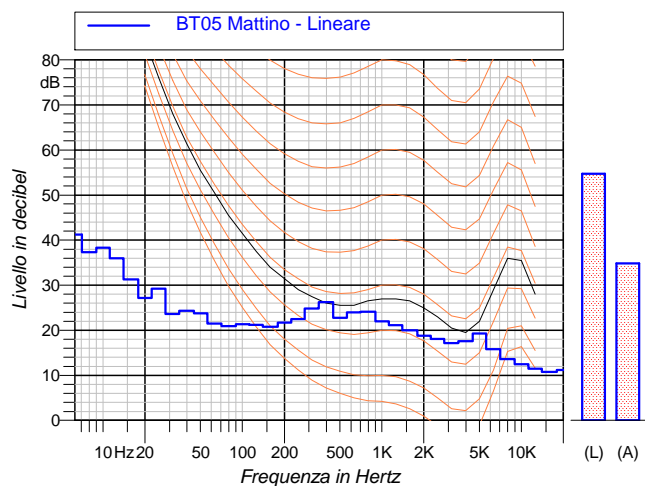
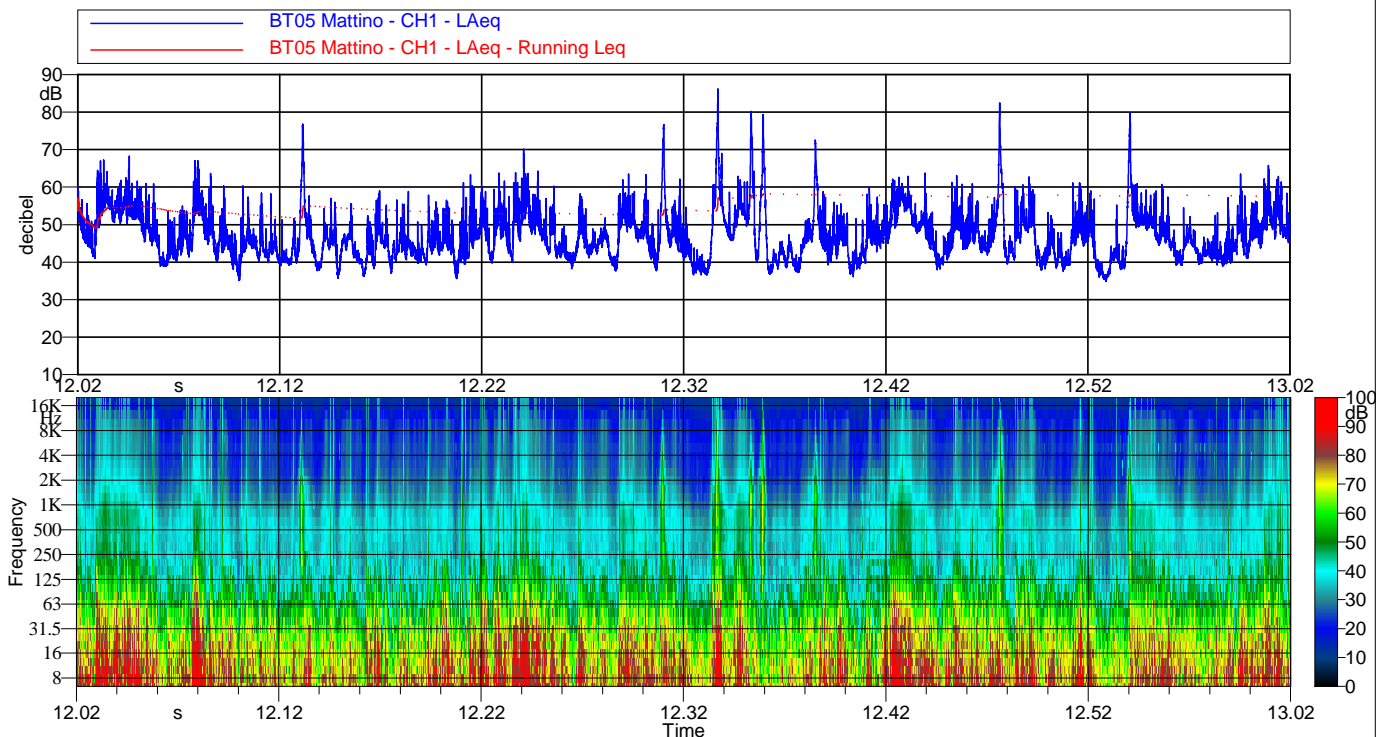
$L_{10}$ : 55.1 dBA


$L_{50}$ : 46.1 dBA

$L_{66}$ : 43.8 dBA

$L_{90}$ : 40.0 dBA

$L_{95}$ : 38.8 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	<i>Customer/Committente</i> <b>Sorgenia Renewables S.r.l.</b>		<i>Project Number/Numero Progetto</i>
	<i>General Project/Progetto Generale</i> <b>Valutazione Impatto Acustico</b>		<i>Activity/Attività effettuata</i> <b>Misure acustiche esterne</b>
	<i>Date/Data:</i> 03-05/04/2023	<i>Revision/Revisione:</i> 01.00	<i>Location/Località:</i> Collinas (SU)
	<i>Project Manager/Responsabile Progetto:</i> SM		<i>Sheet/Pagina:</i> 15

### BT05 Pomeriggio

#### Valori acustici principali

*Leq(A):* 51.8

*Lmin(A):* 26.2 dBA

*Lmax(A):* 79.3 dBA

*L01:* 61.6 dBA

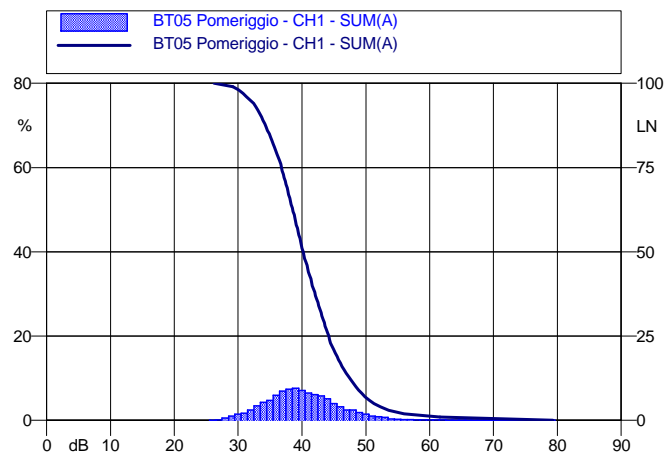
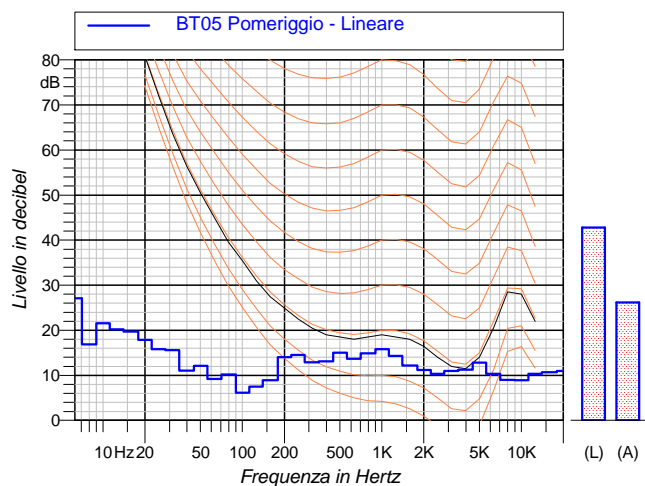
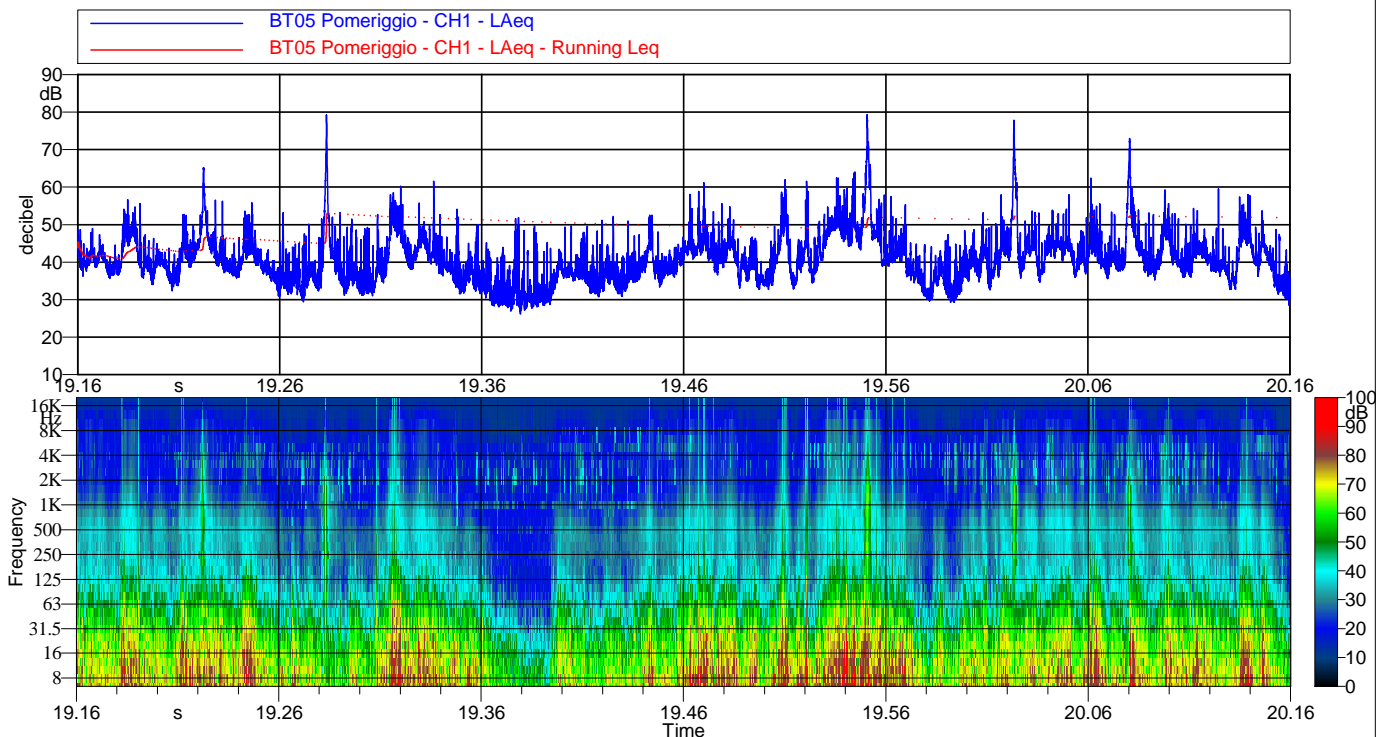
*L10:* 48.5 dBA

*L50:* 40.2 dBA


*L66:* 38.1 dBA

*L90:* 33.7 dBA

*L95:* 31.9 dBA





 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	<i>Customer/Committente</i> <b>Sorgenia Renewables S.r.l.</b>		<i>Project Number/Numero Progetto</i>
	<i>General Project/Progetto Generale</i> <b>Valutazione Impatto Acustico</b>		<i>Activity/Attività effettuata</i> <b>Misure acustiche esterne</b>
	<i>Date/Data:</i> 03-05/04/2023	<i>Revision/Revisione:</i> 01.00	<i>Location/Località:</i> Collinas (SU)
	<i>Project Manager/Responsabile Progetto:</i> SM		<i>Sheet/Pagina:</i> 16

### BT05 Notte

#### Valori acustici principali

*Leq(A):* 22.1

*Lmin(A):* 17.8 dBA

*Lmax(A):* 42.5 dBA

*L01:* 30.1 dBA

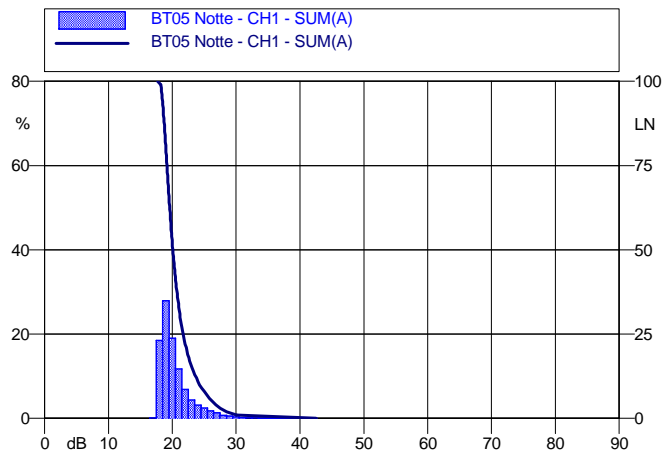
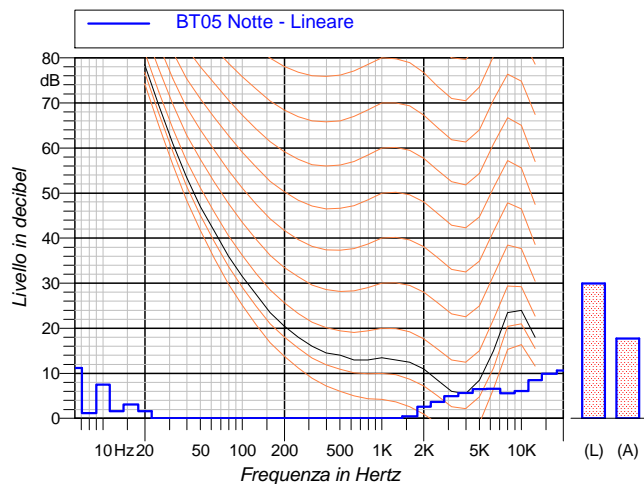
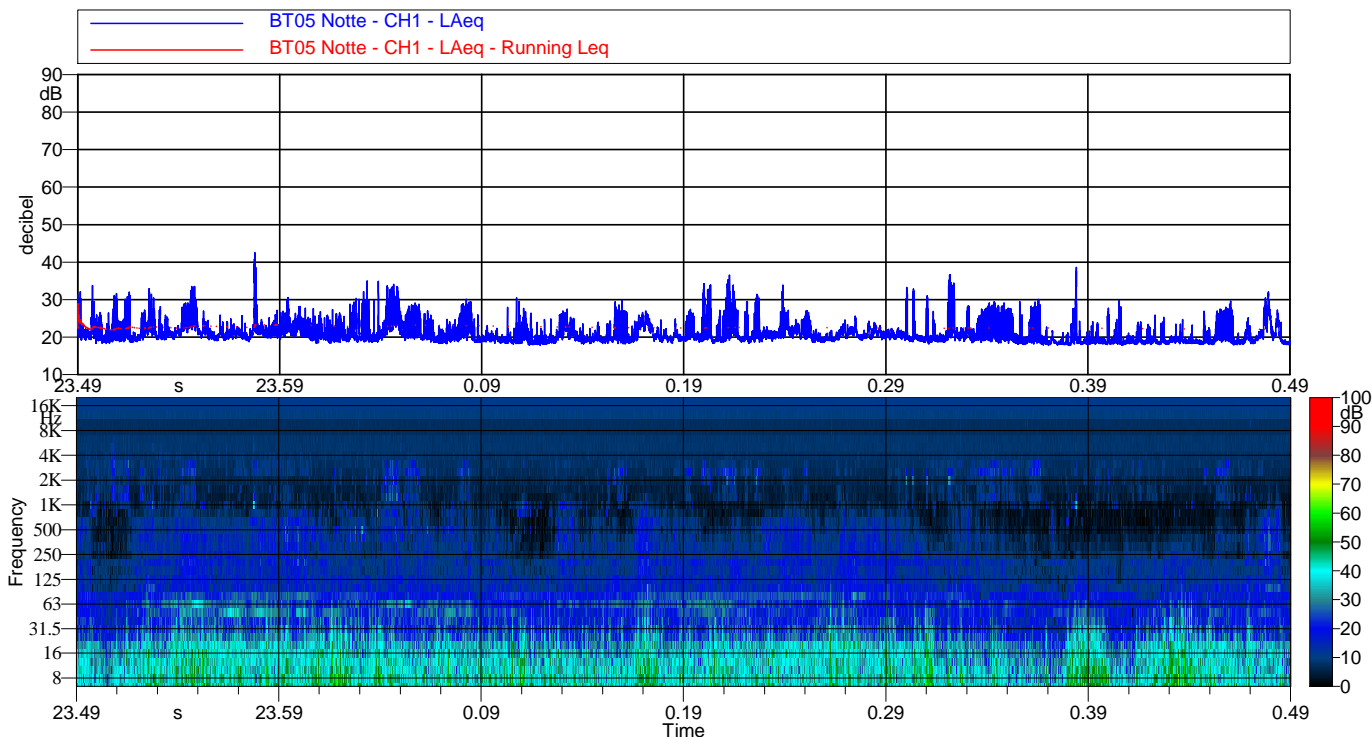
*L10:* 24.3 dBA

*L50:* 20.1 dBA

*L66:* 19.5 dBA

*L90:* 18.6 dBA

*L95:* 18.4 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	Costumer/Committente <b>Sorgenia Renewables S.r.l.</b>		Project Number/Numero Progetto	
	General Project/Progetto Generale <b>Valutazione Impatto Acustico</b>		Activity/Attività effettuata <b>Misure acustiche esterne</b>	
	Date/Data: 03-05/04/2023	Revision/Revisione: 01.00	Location/Località: Collinas (SU)	
	Project Manager/Responsabile Progetto: SM			Sheet/Pagina: 17

### BT06 Mattino

#### Valori acustici principali

Leq(A): 54.8

Lmin(A): 35.9 dBA

Lmax(A): 80.5 dBA

L01: 63.7 dBA

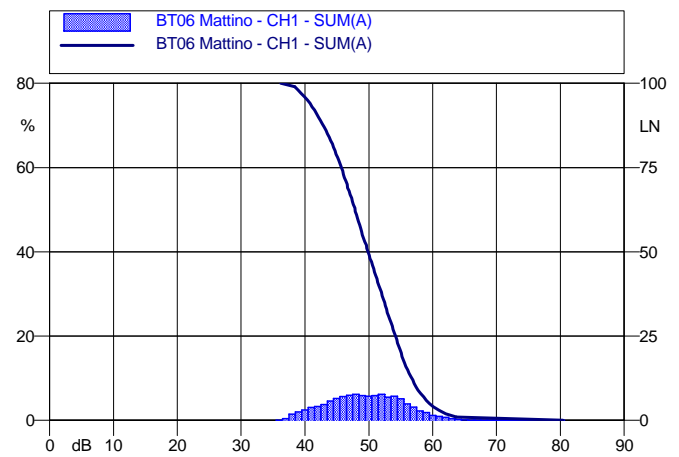
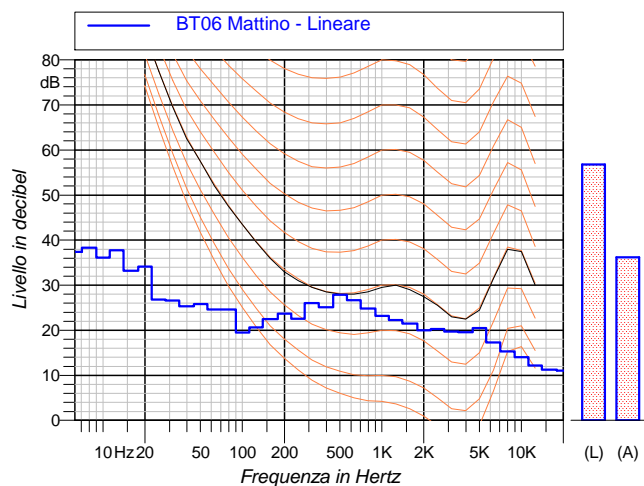
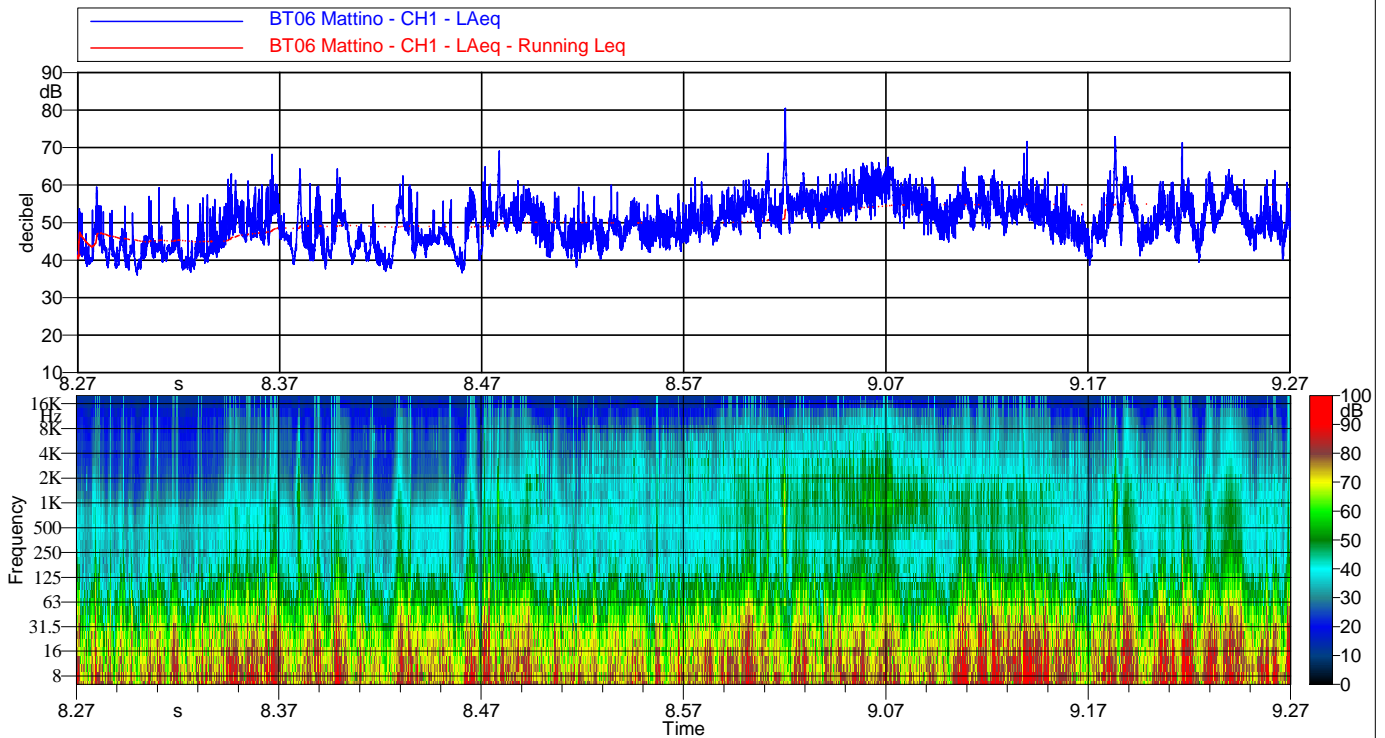
L10: 57.4 dBA


L50: 49.9 dBA

L66: 47.3 dBA

L90: 42.1 dBA

L95: 40.4 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	Customer/Committente <b>Sorgenia Renewables S.r.l.</b>		Project Number/Numero Progetto	
	General Project/Progetto Generale <b>Valutazione Impatto Acustico</b>		Activity/Attività effettuata <b>Misure acustiche esterne</b>	
	Date/Data: 03-05/04/2023	Revision/Revisione: 01.00	Location/Località: Collinas (SU)	
	Project Manager/Responsabile Progetto: SM			Sheet/Pagina: 18

### BT06 Pomeriggio

#### Valori acustici principali

Leq(A): 48.9

Lmin(A): 28.3 dBA

Lmax(A): 76.6 dBA

L01: 56.6 dBA

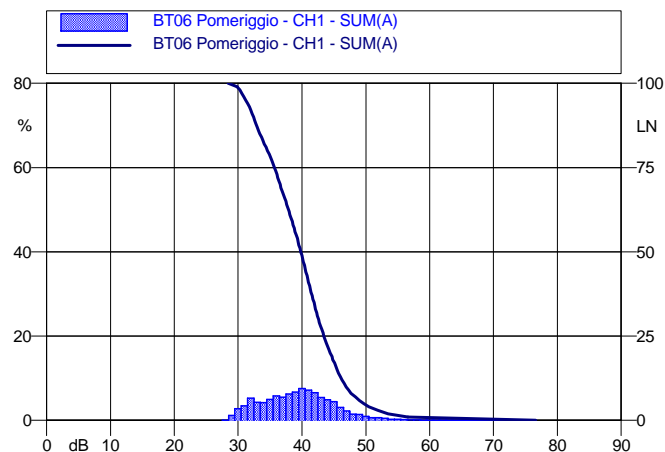
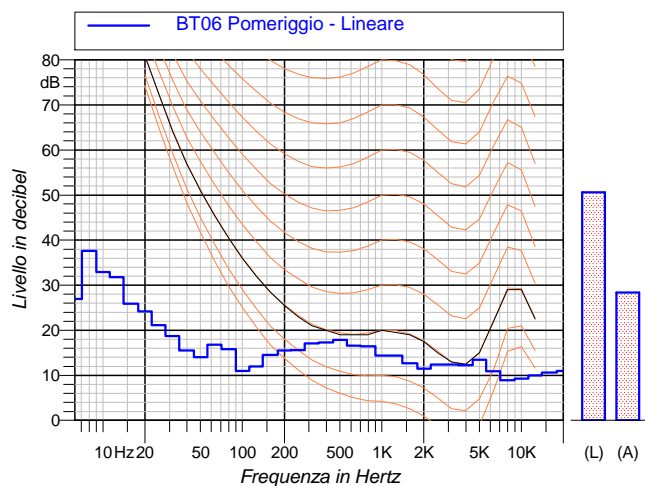
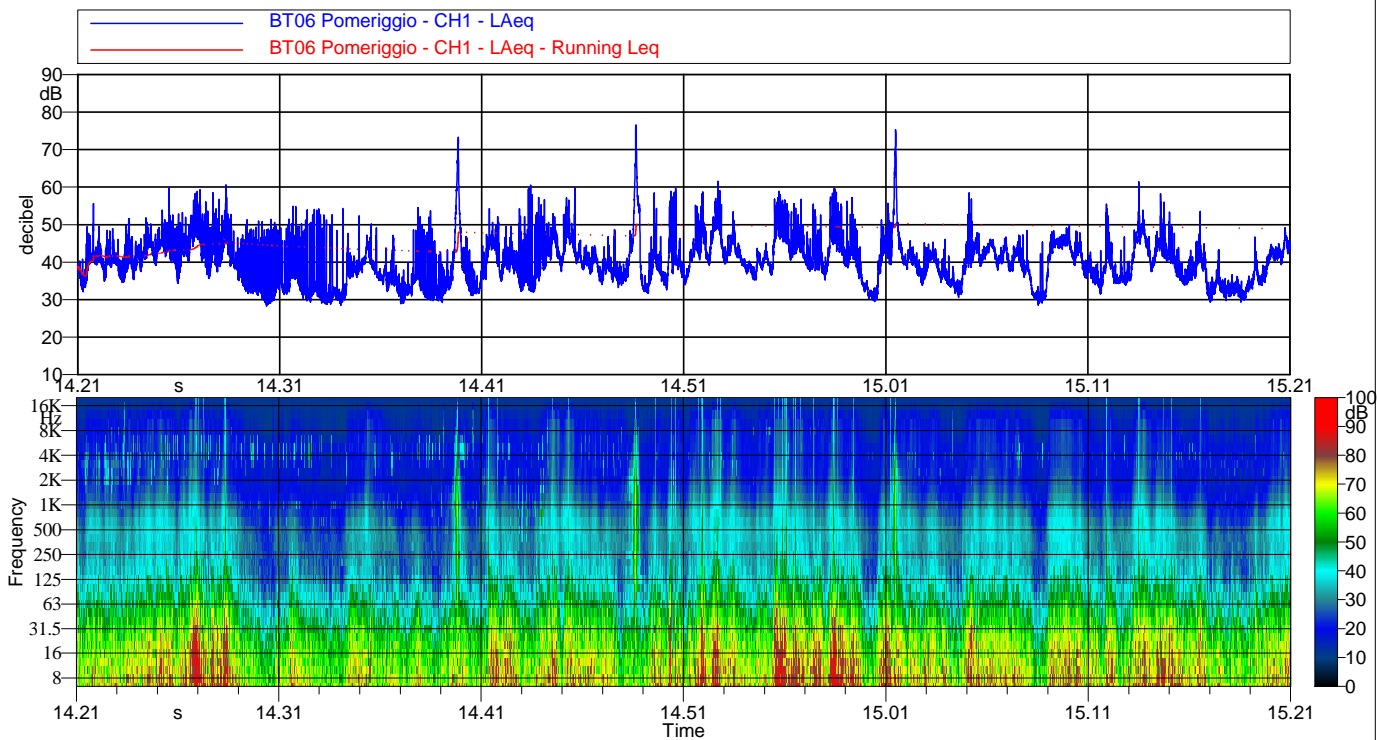
L10: 46.9 dBA


L50: 39.8 dBA

L66: 37.3 dBA

L90: 32.4 dBA

L95: 31.2 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	Costumer/Committente <b>Sorgenia Renewables S.r.l.</b>		Project Number/Numero Progetto	
	General Project/Progetto Generale <b>Valutazione Impatto Acustico</b>		Activity/Attività effettuata <b>Misure acustiche esterne</b>	
	Date/Data: 03-05/04/2023	Revision/Revisione: 01.00	Location/Località: Collinas (SU)	
	Project Manager/Responsabile Progetto: SM			Sheet/Pagina: 19

### BT06 Notte

#### Valori acustici principali

Leq(A): 22.7

Lmin(A): 17.8 dBA

Lmax(A): 44.4 dBA

L01: 30.5 dBA

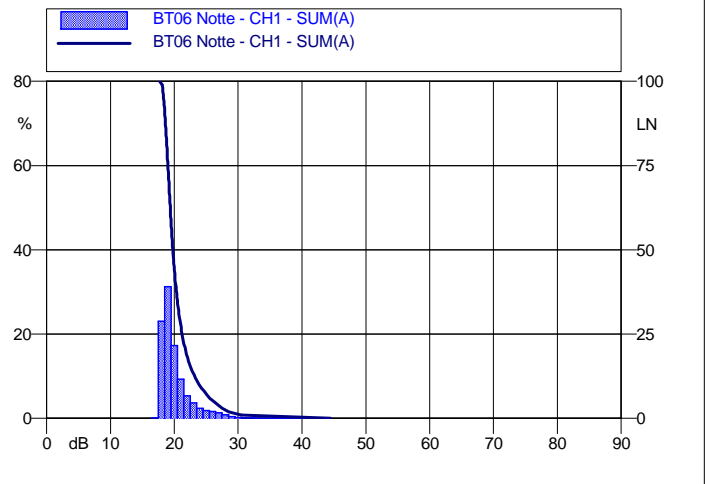
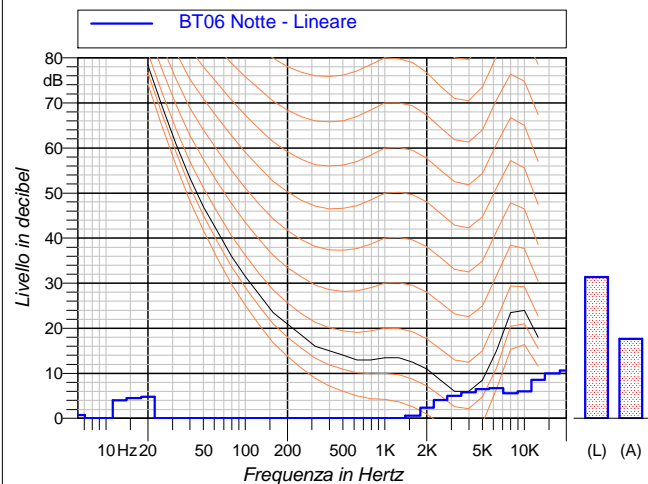
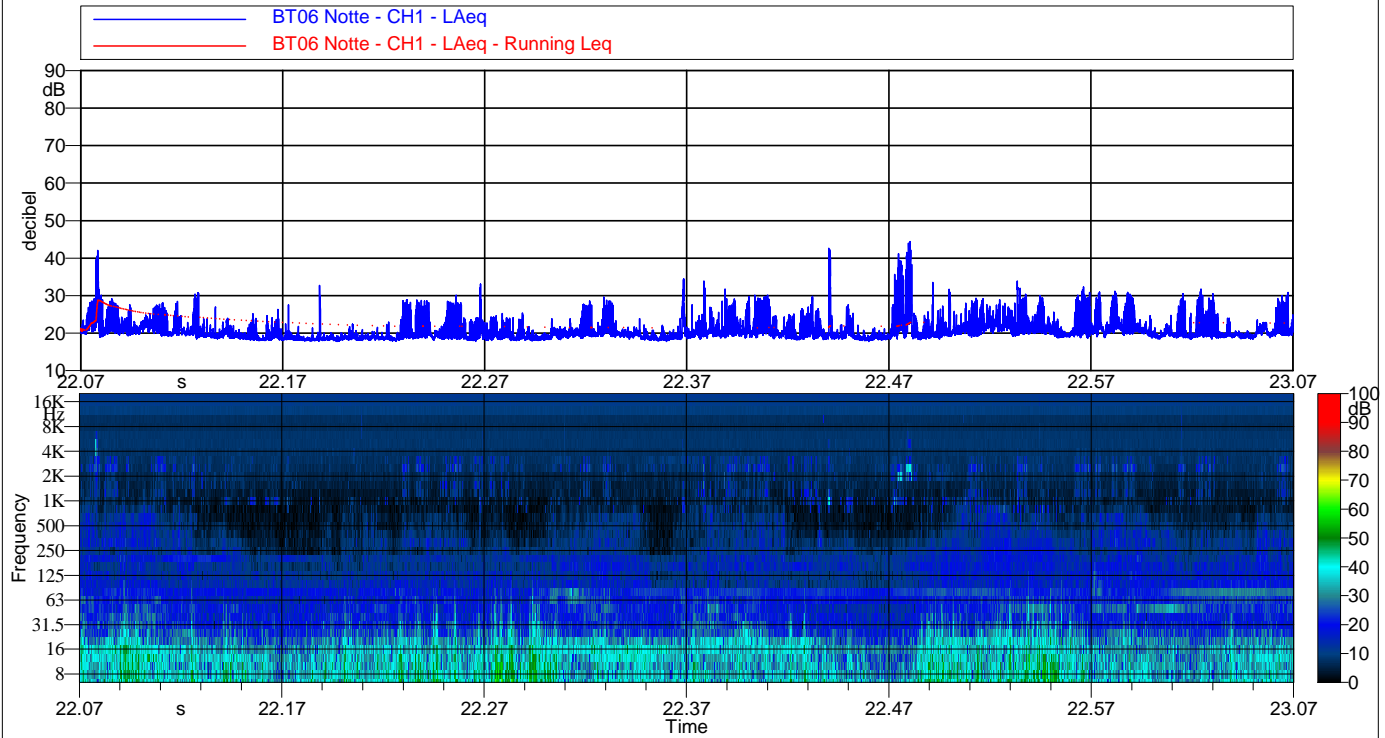
L10: 23.9 dBA


L50: 19.8 dBA

L66: 19.3 dBA

L90: 18.5 dBA

L95: 18.3 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	Customer/Committente <b>Sorgenia Renewables S.r.l.</b>		Project Number/Numero Progetto	
	General Project/Progetto Generale <b>Valutazione Impatto Acustico</b>		Activity/Attività effettuata <b>Misure acustiche esterne</b>	
	Date/Data: 03-05/04/2023	Revision/Revisione: 01.00	Location/Località: Collinas (SU)	
	Project Manager/Responsabile Progetto: SM			Sheet/Pagina: 20

### BT07 Mattino

#### Valori acustici principali

Leq(A): 56.7

Lmin(A): 38.5 dBA

Lmax(A): 77.4 dBA

L01: 67.6 dBA

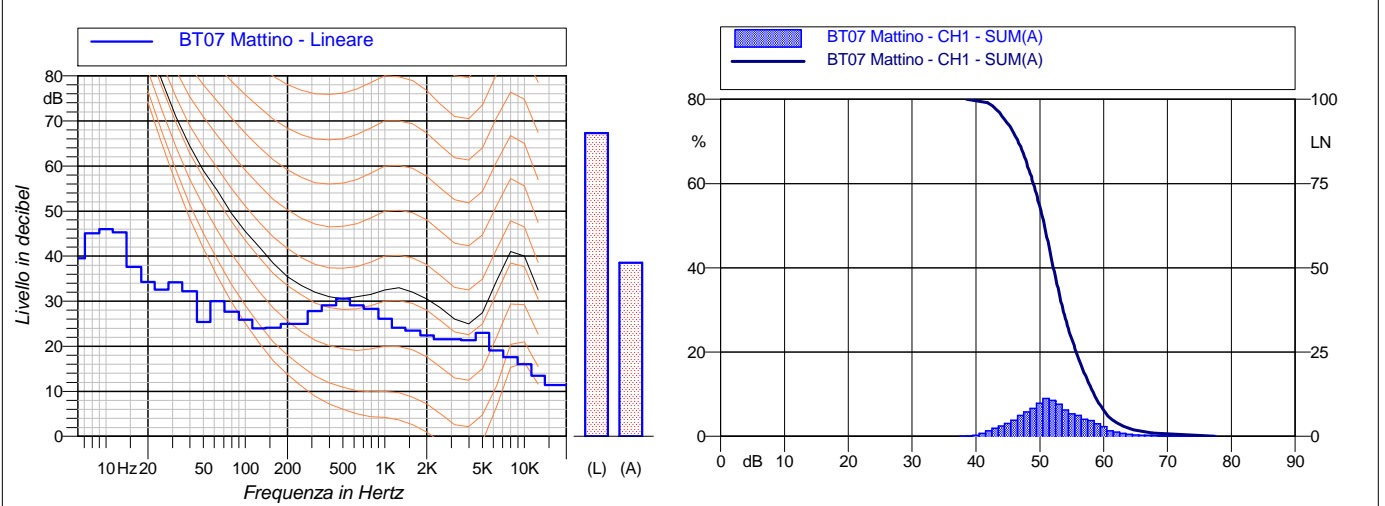
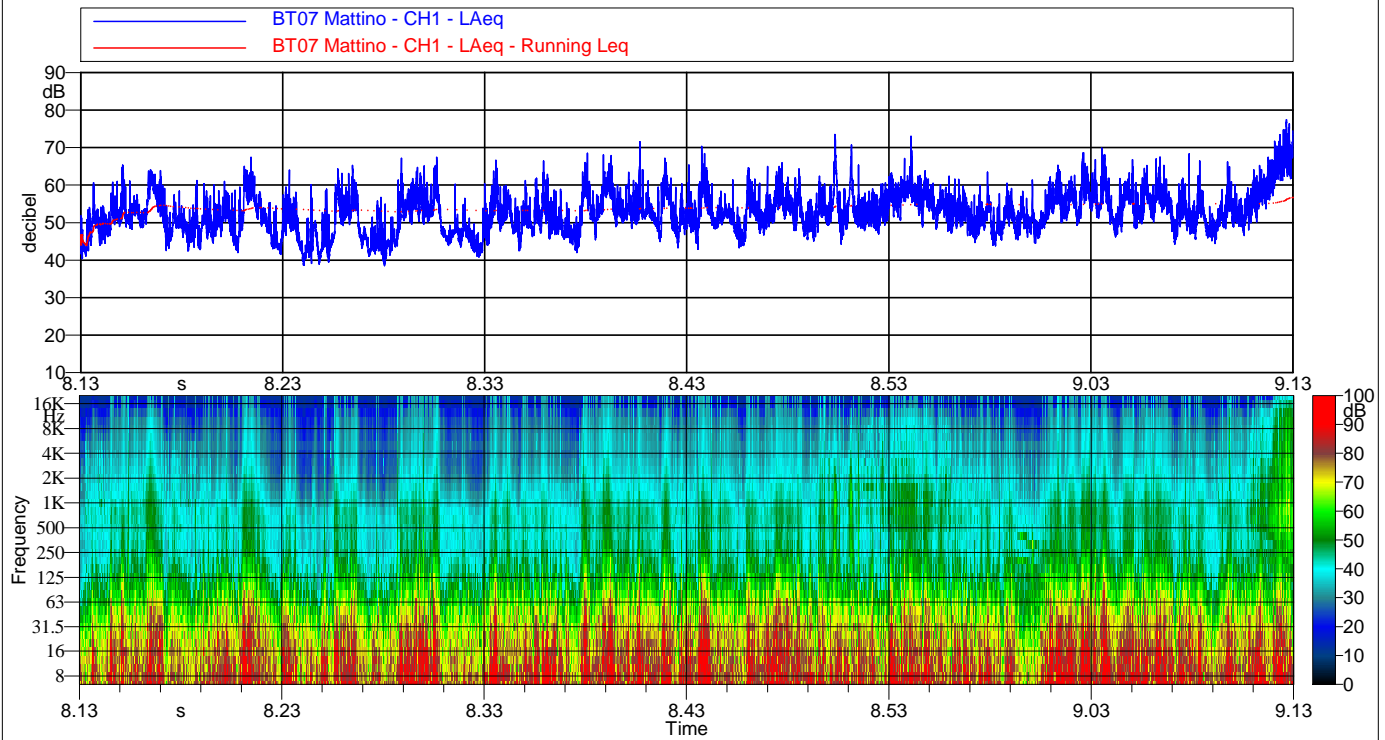
L10: 59.2 dBA


L50: 52.1 dBA

L66: 50.3 dBA

L90: 45.9 dBA

L95: 44.1 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	Customer/Committente <b>Sorgenia Renewables S.r.l.</b>		Project Number/Numero Progetto
	General Project/Progetto Generale <b>Valutazione Impatto Acustico</b>		Activity/Attività effettuata <b>Misure acustiche esterne</b>
	Date/Data: 03-05/04/2023	Revision/Revisione: 01.00	Location/Località: Collinas (SU)
	Project Manager/Responsabile Progetto: SM		Sheet/Pagina: 21

### BT07 Pomeriggio

#### Valori acustici principali

Leq(A): 55.4

Lmin(A): 28.8 dBA

Lmax(A): 84.2 dBA

L01: 65.9 dBA

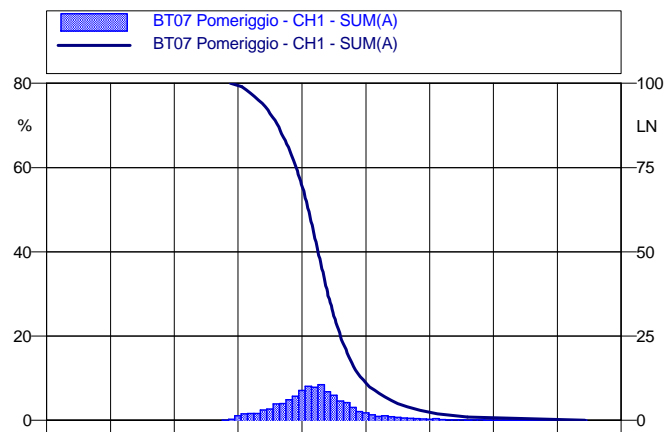
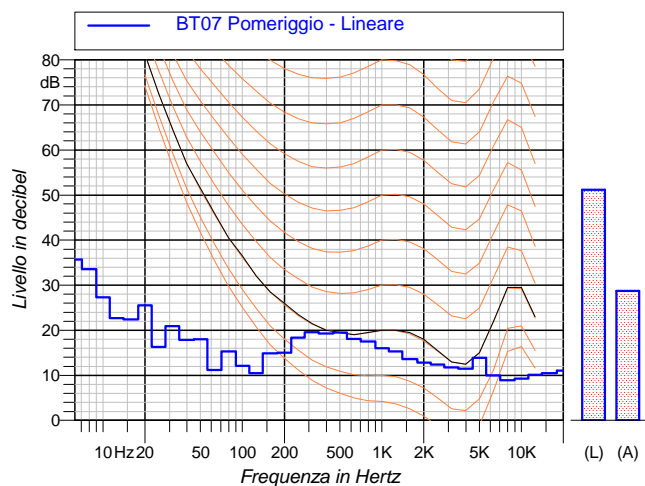
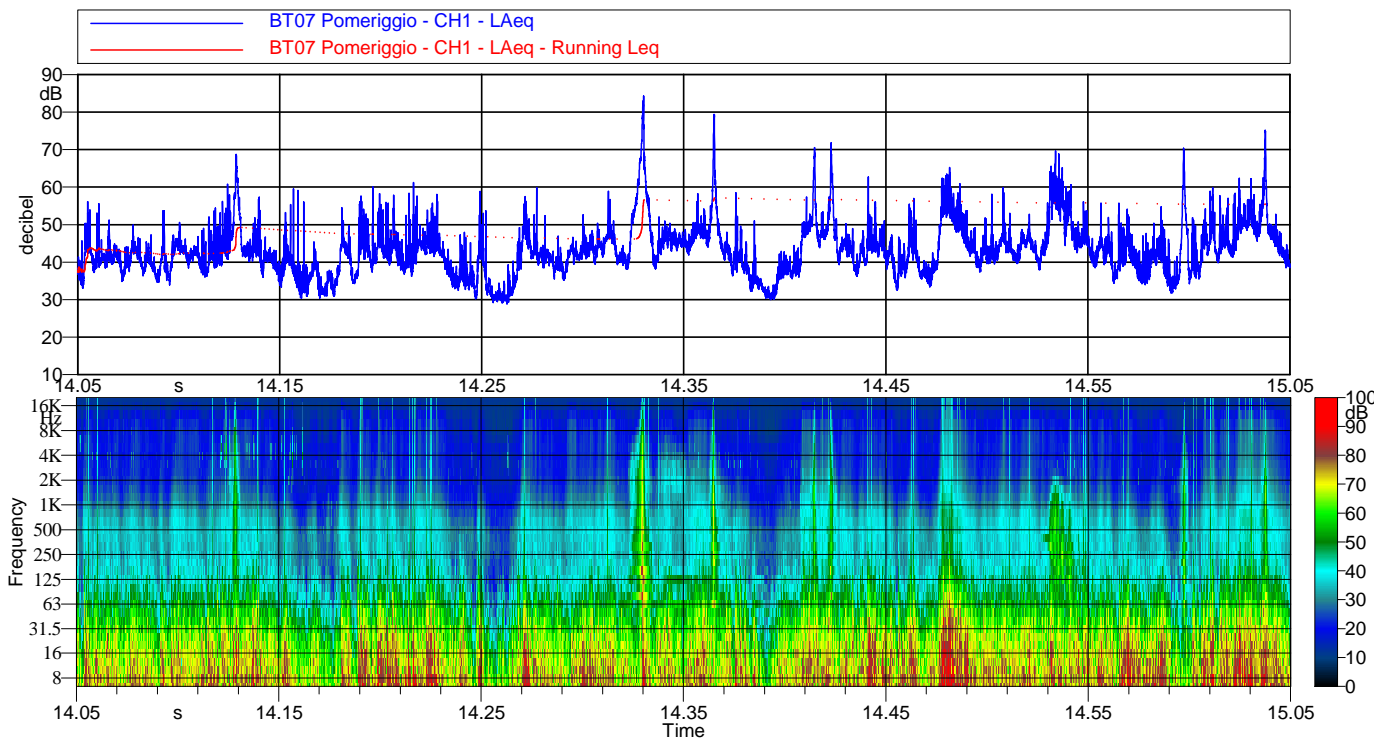
L10: 50.6 dBA


L50: 42.5 dBA

L66: 40.5 dBA

L90: 35.4 dBA

L95: 33.2 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	Costumer/Committente <b>Sorgenia Renewables S.r.l.</b>		Project Number/Numero Progetto	
	General Project/Progetto Generale <b>Valutazione Impatto Acustico</b>		Activity/Attività effettuata <b>Misure acustiche esterne</b>	
	Date/Data: 03-05/04/2023	Revision/Revisione: 01.00	Location/Località: Collinas (SU)	
	Project Manager/Responsabile Progetto: SM			Sheet/Pagina: 22

### BT07 Notte

#### Valori acustici principali

Leq(A): 21.0

Lmin(A): 17.7 dBA

Lmax(A): 34.6 dBA

L01: 28.7 dBA

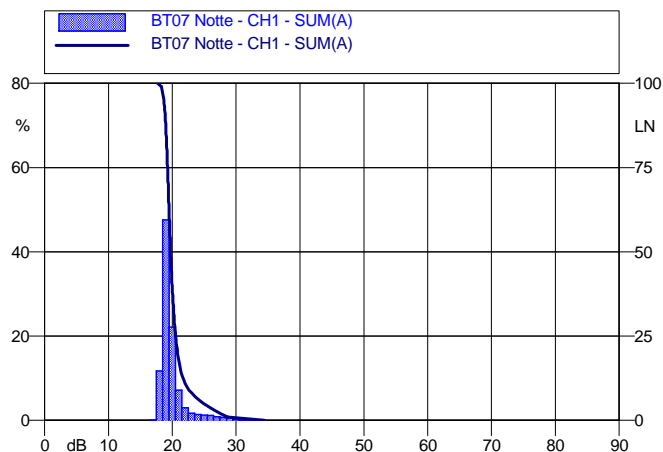
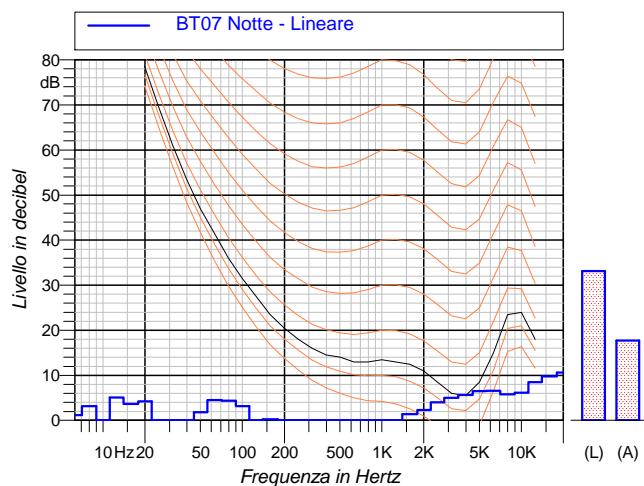
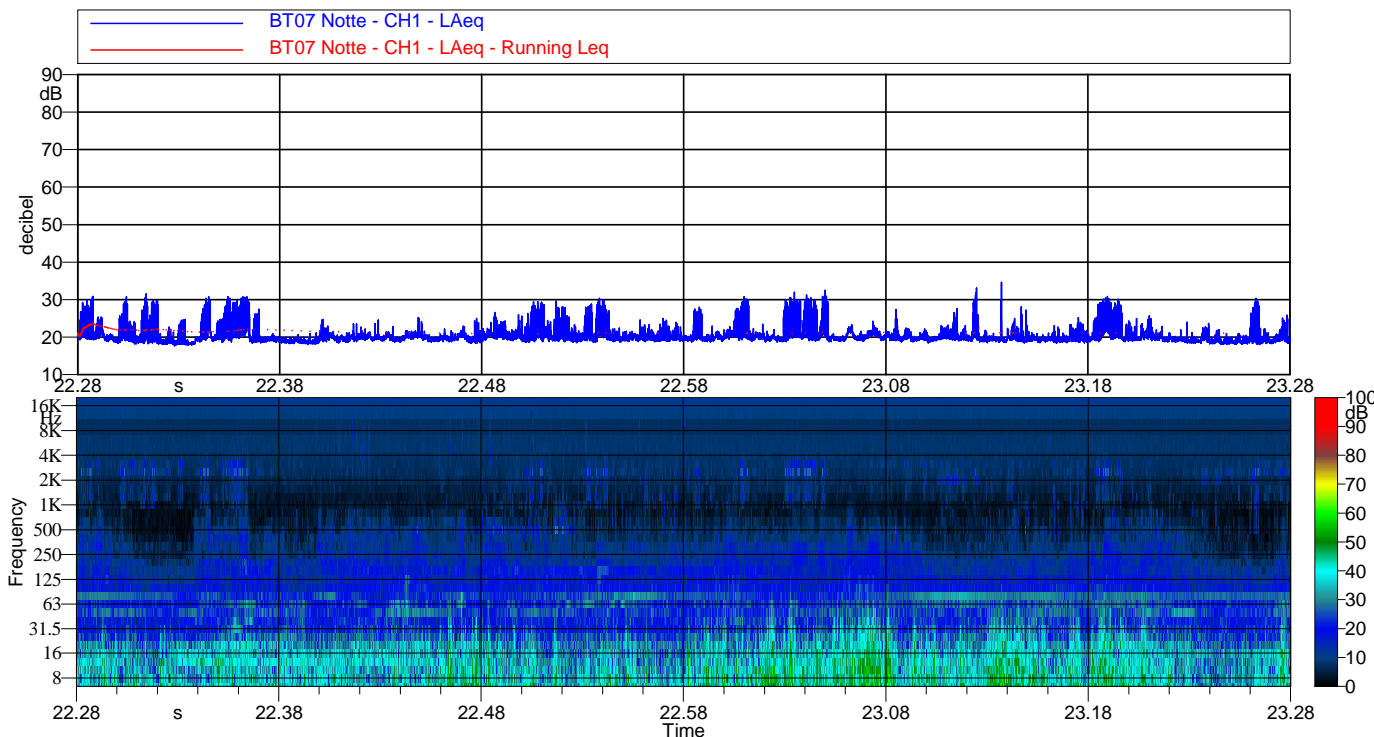
L10: 22.3 dBA

L50: 19.7 dBA

L66: 19.4 dBA

L90: 18.9 dBA

L95: 18.7 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	Costumer/Committente <b>Sorgenia Renewables S.r.l.</b>		Project Number/Numero Progetto
	General Project/Progetto Generale <b>Valutazione Impatto Acustico</b>		Activity/Attività effettuata <b>Misure acustiche esterne</b>
	Date/Data: 03-05/04/2023	Revision/Revisione: 01.00	Location/Località: Collinas (SU)
	Project Manager/Responsabile Progetto: SM		Sheet/Pagina: 23

### BT08 Mattino

#### Valori acustici principali

Leq(A): 54.5

Lmin(A): 37.2 dBA

Lmax(A): 81.7 dBA

L01: 62.7 dBA

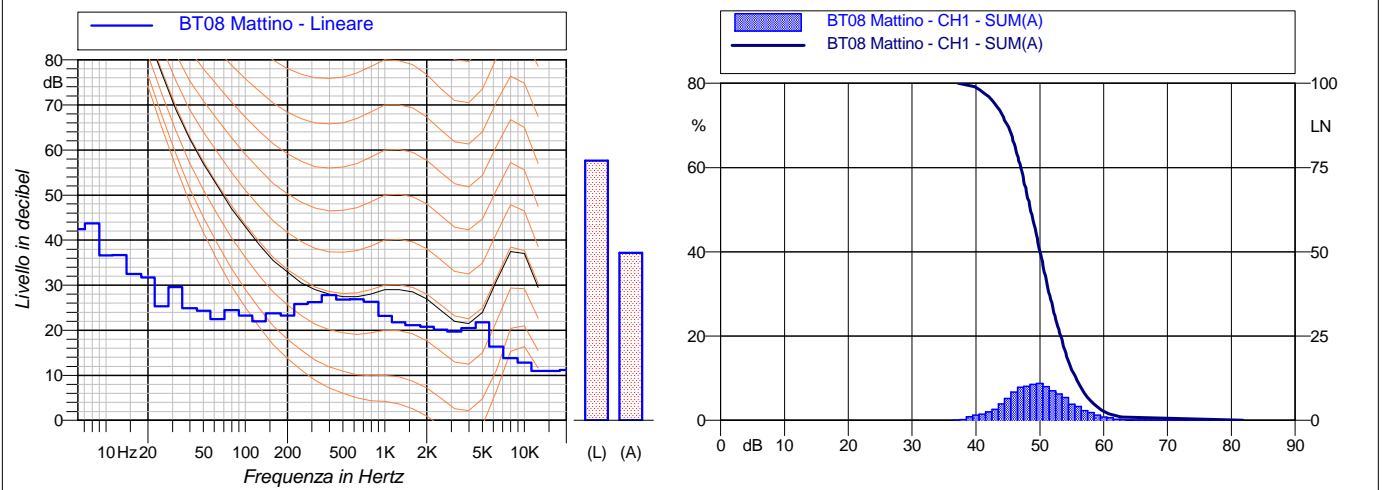
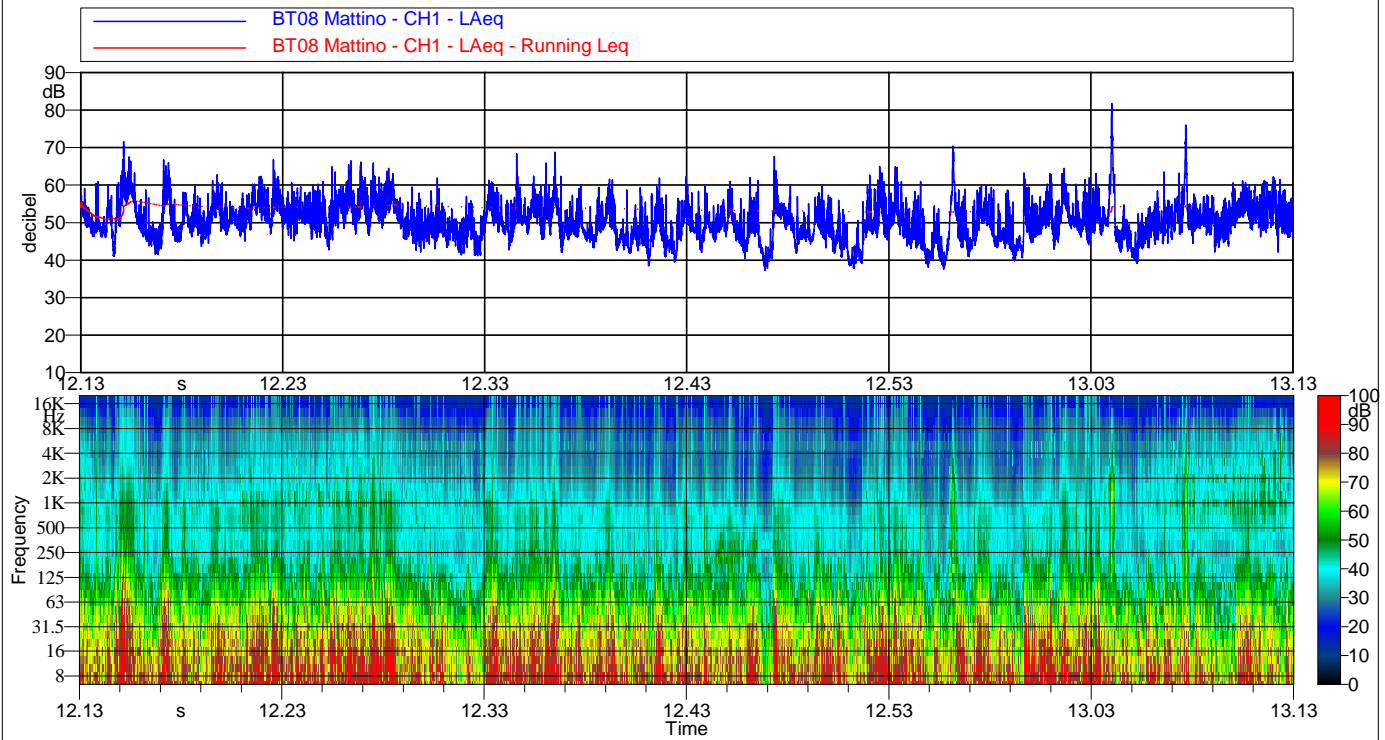
L10: 56.4 dBA

L50: 50.0 dBA

L66: 48.1 dBA

L90: 44.3 dBA

L95: 42.5 dBA





 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	<i>Customer/Committente</i> <b>Sorgenia Renewables S.r.l.</b>		<i>Project Number/Numero Progetto</i>
	<i>General Project/Progetto Generale</i> <b>Valutazione Impatto Acustico</b>		<i>Activity/Attività effettuata</i> <b>Misure acustiche esterne</b>
	<i>Date/Data:</i> 03-05/04/2023	<i>Revision/Revisione:</i> 01.00	<i>Location/Località:</i> Collinas (SU)
	<i>Project Manager/Responsabile Progetto:</i> SM		<i>Sheet/Pagina:</i> 24

### BT08 Pomeriggio

#### Valori acustici principali

*Leq(A):* 57.9

*Lmin(A):* 30.1 dBA

*Lmax(A):* 75.4 dBA

*L01:* 67.9 dBA

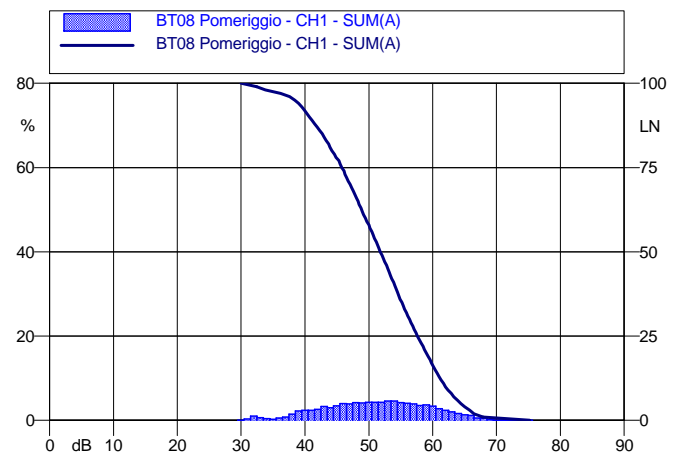
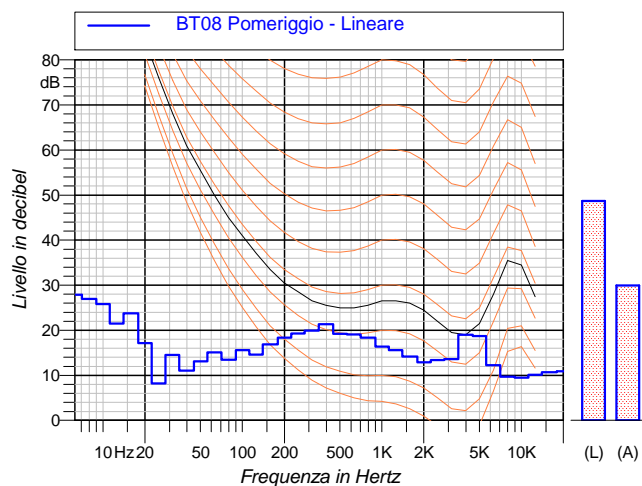
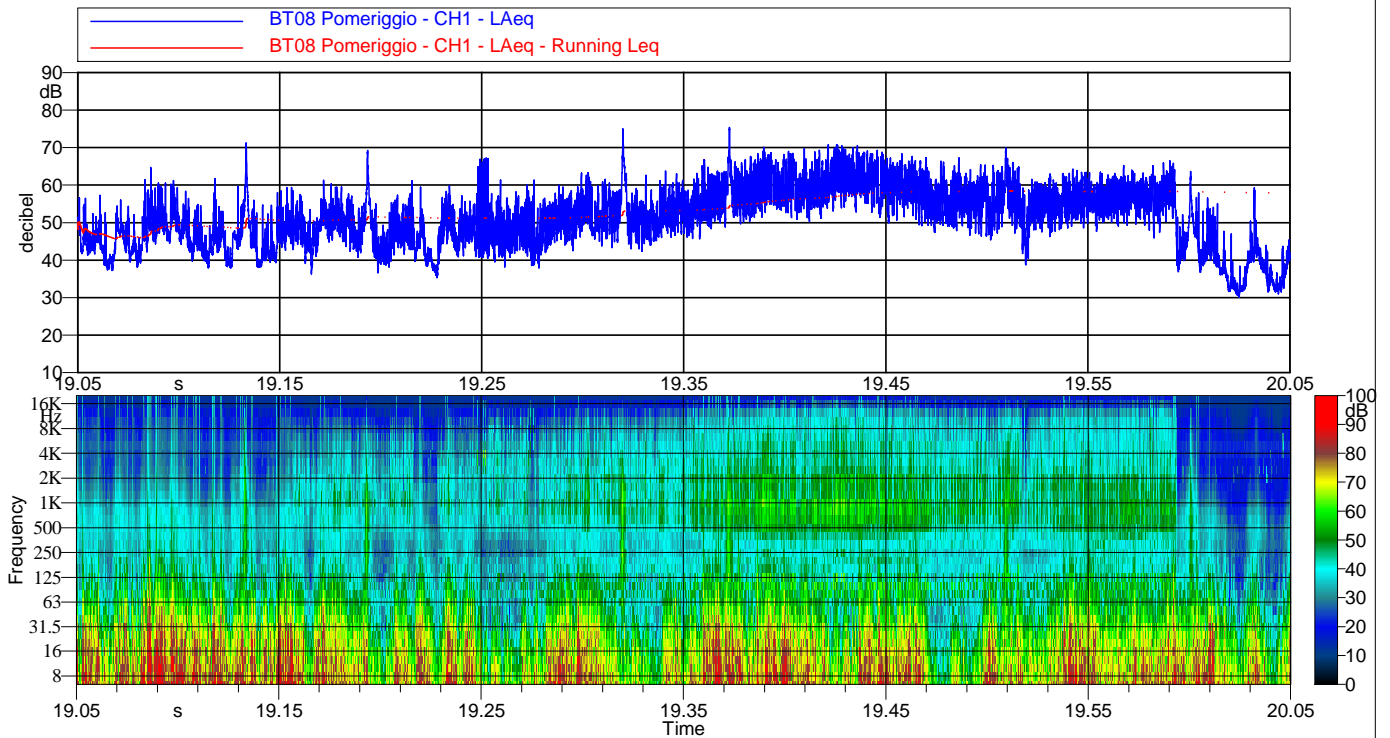
*L10:* 62.0 dBA

*L50:* 51.8 dBA

*L66:* 48.1 dBA

*L90:* 40.7 dBA

*L95:* 38.4 dBA



 Sorgenia Renewables S.r.l. Via Algardi, 4 Milano (MI)	Costumer/Committente <b>Sorgenia Renewables S.r.l.</b>		Project Number/Numero Progetto	
	General Project/Progetto Generale <b>Valutazione Impatto Acustico</b>		Activity/Attività effettuata <b>Misure acustiche esterne</b>	
	Date/Data: 03-05/04/2023	Revision/Revisione: 01.00	Location/Località: Collinas (SU)	
	Project Manager/Responsabile Progetto: SM			Sheet/Pagina: 25

### BT08 Notte

#### Valori acustici principali

$Leq(A)$ : 23.5

$Lmin(A)$ : 18.9 dBA

$Lmax(A)$ : 46.3 dBA

$L01$ : 28.2 dBA

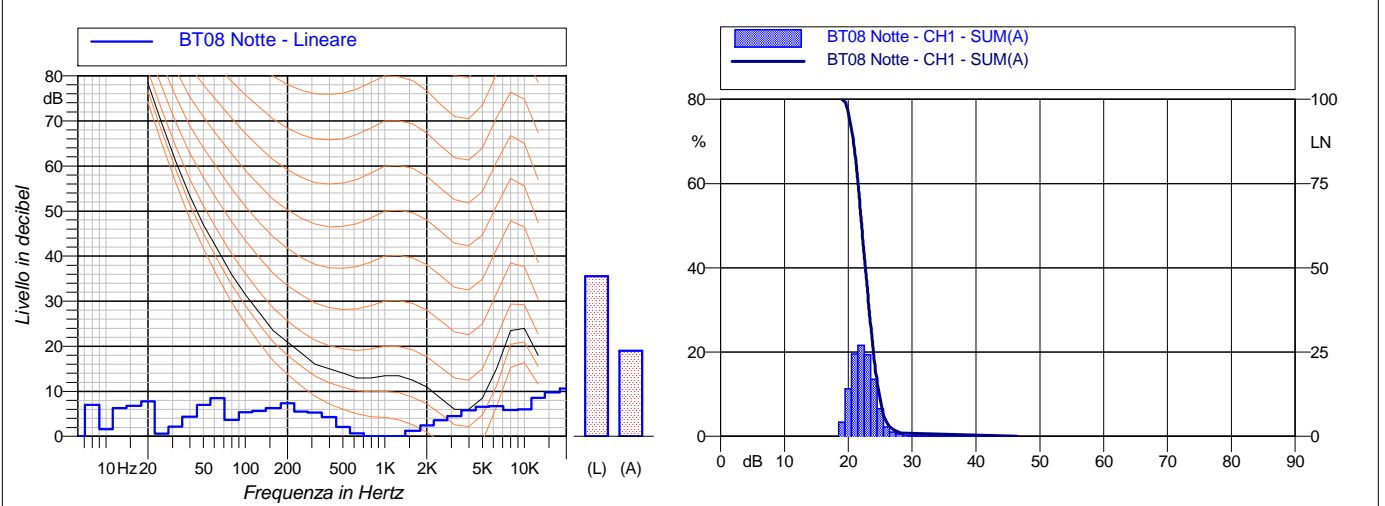
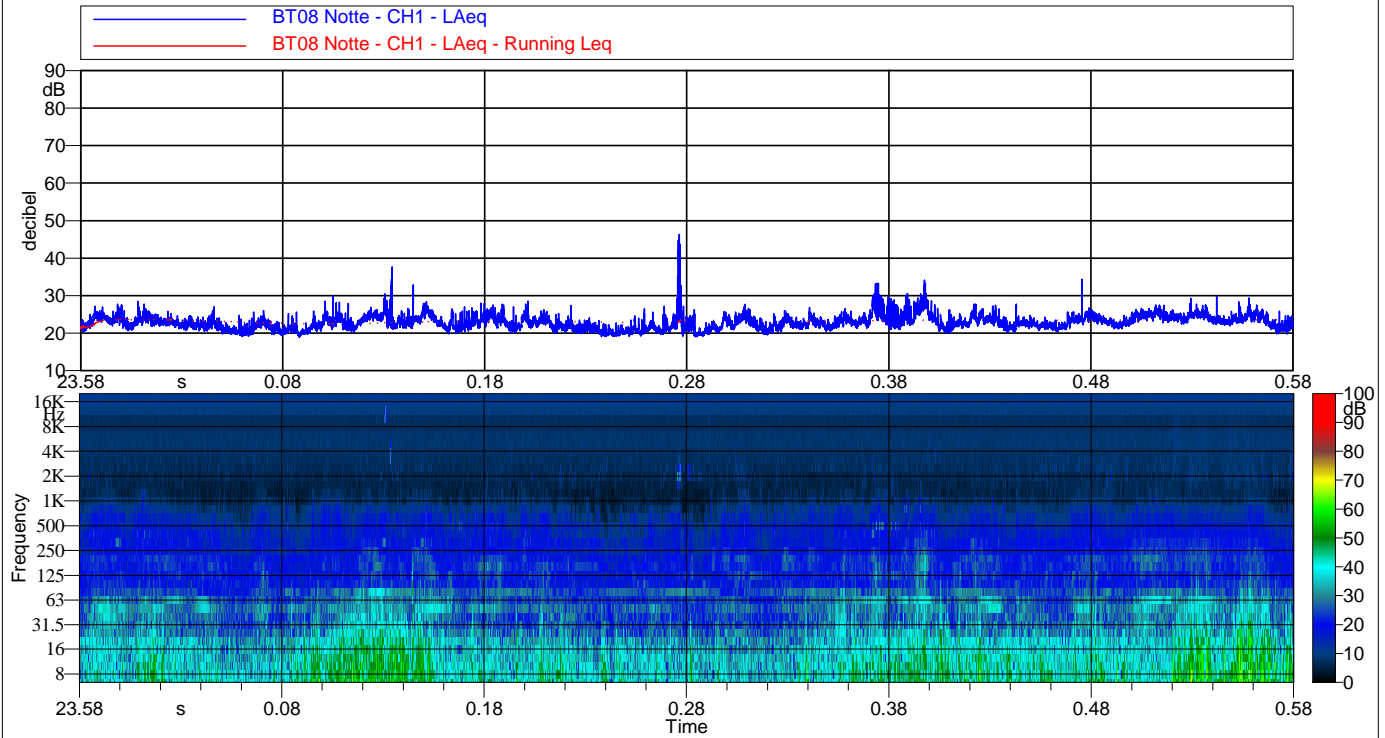
$L10$ : 25.1 dBA

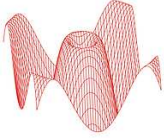
$L50$ : 22.7 dBA

$L66$ : 21.9 dBA

$L90$ : 20.6 dBA

$L95$ : 20.1 dBA

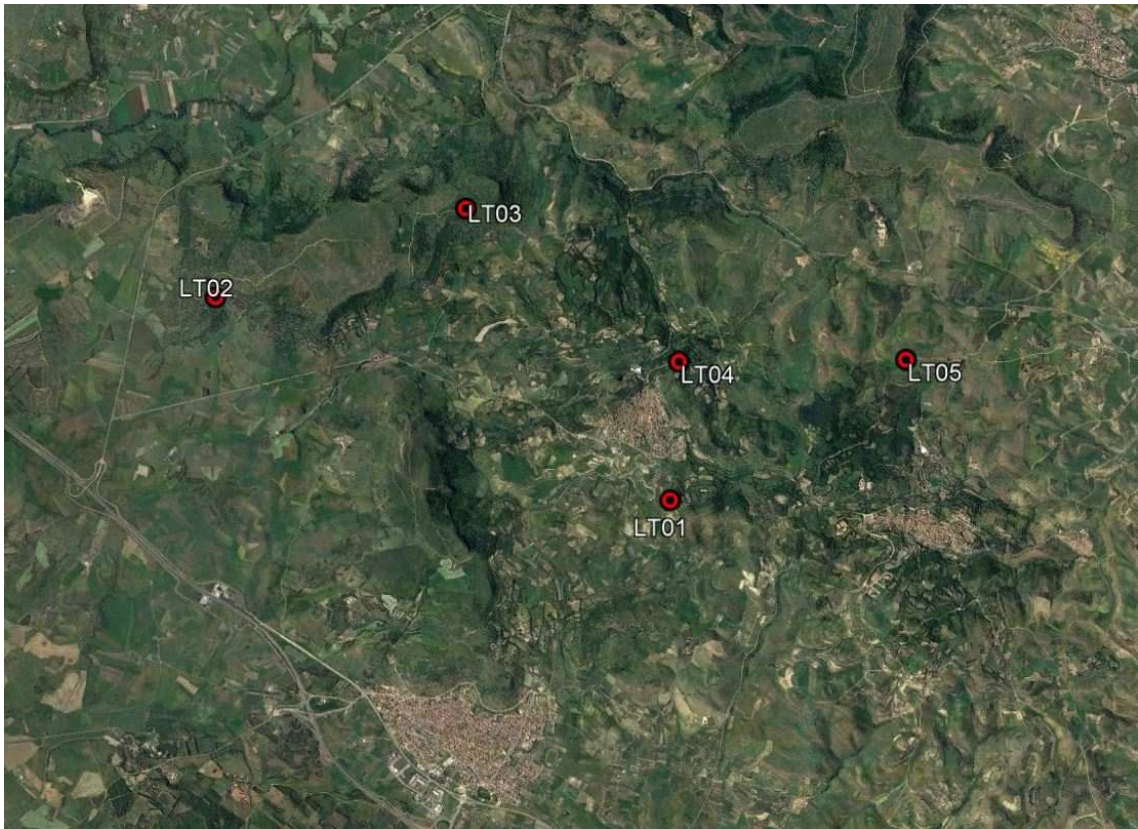


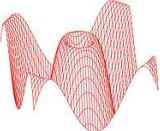



L.C.E. Srl  
Via dei Platani, 7/9  
Opera (MI)

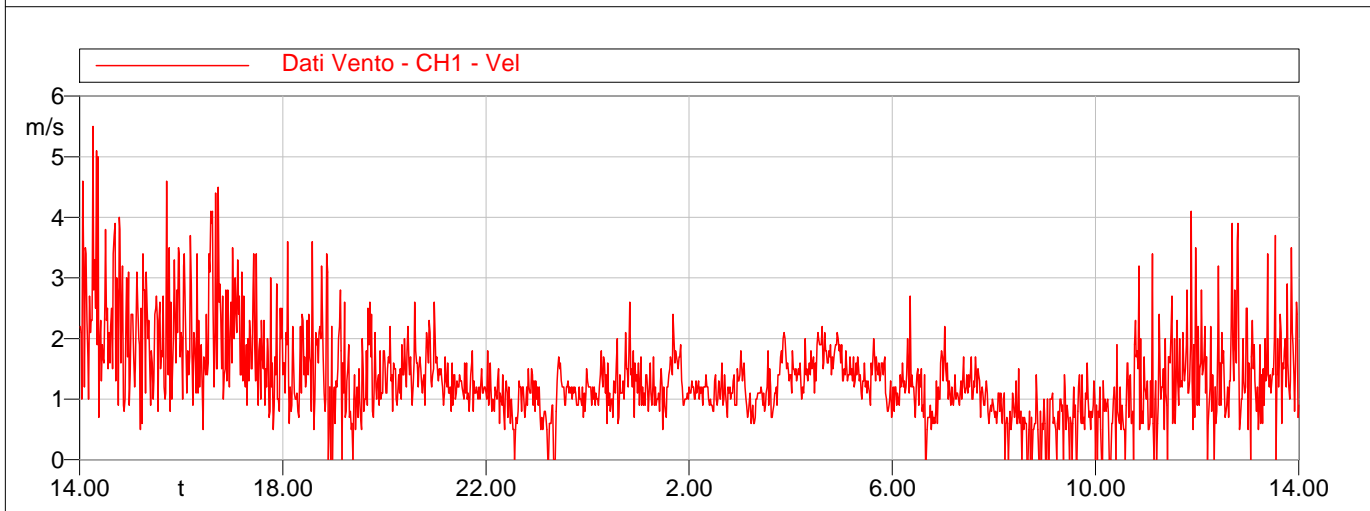
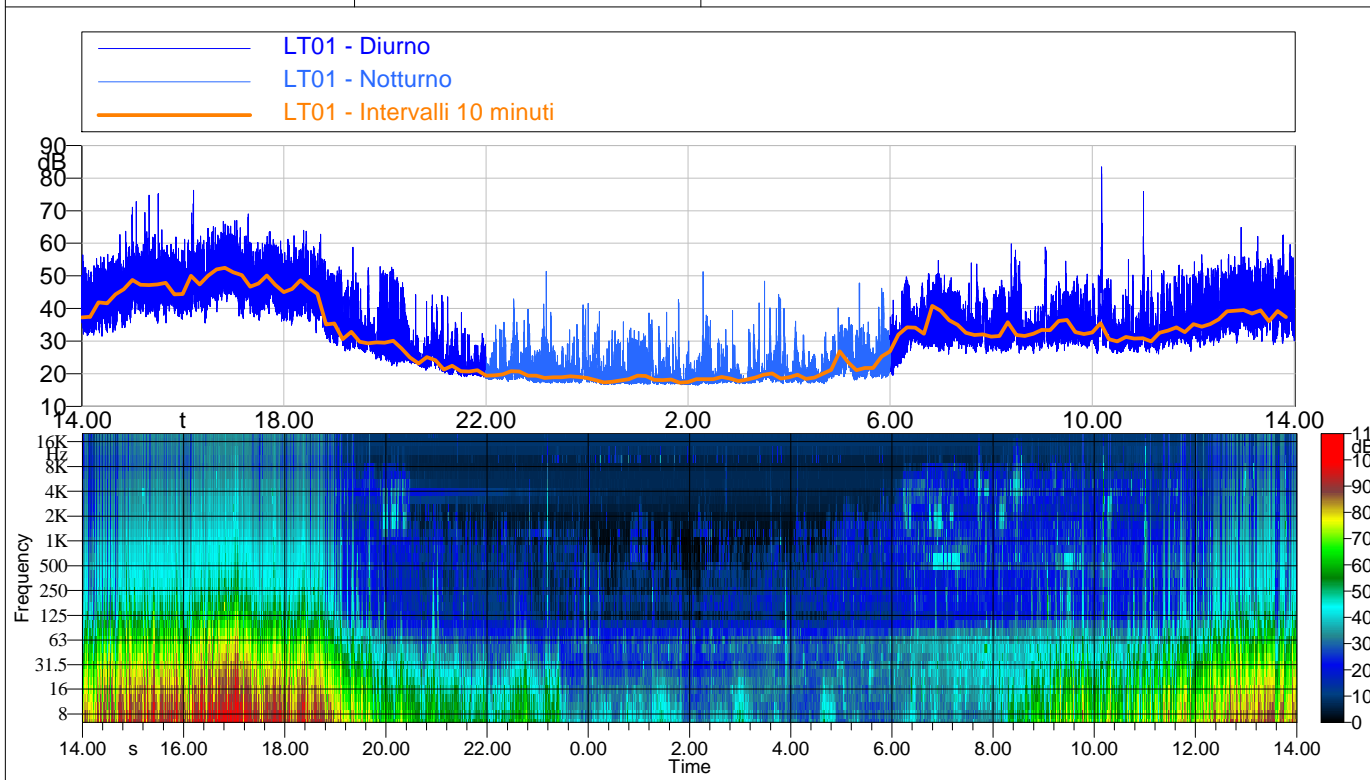
<i>Customer/Committente</i>		???????	<i>Project Number/Numero Progetto</i>
<i>General Project/Progetto Generale</i>		<i>Monit</i>	<i>Activity/Attività effettuata</i> <i>Misure acustiche esterne</i>
<i>Date/Data: 03-05/04/2023</i>	<i>Revision/Revisione: 01.00</i>	<i>Location/Località: Collinas (SU)</i>	
<i>Project Manager/Responsabile Progetto: SM</i>			<i>Sheet/Pagina: 1</i>

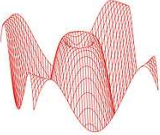
## *Misure fonometriche a lungo termine*




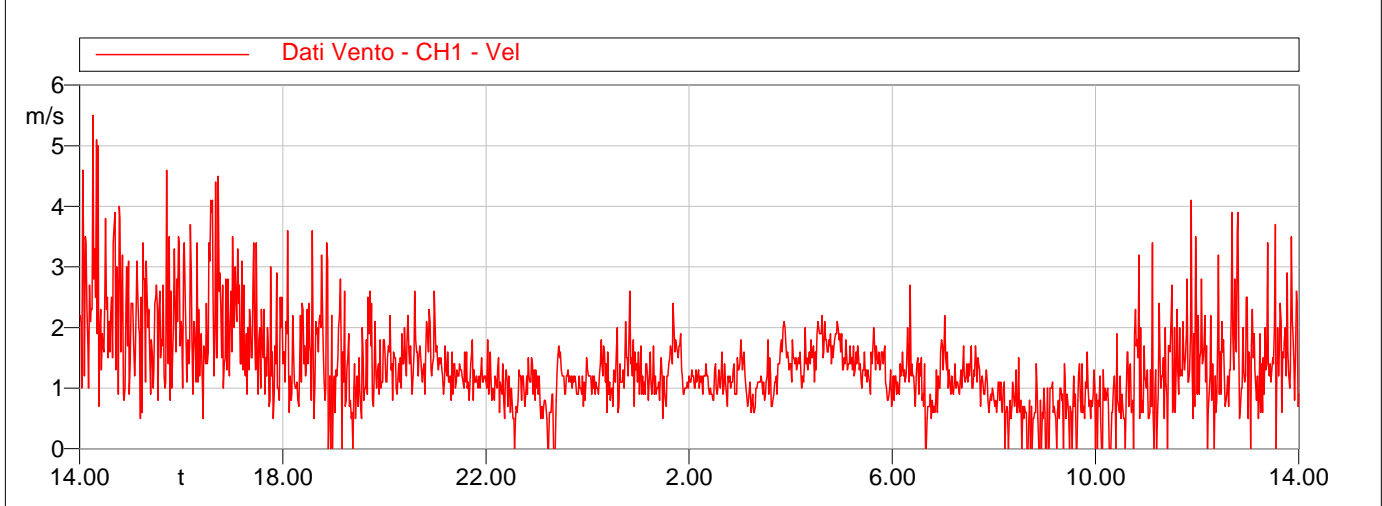
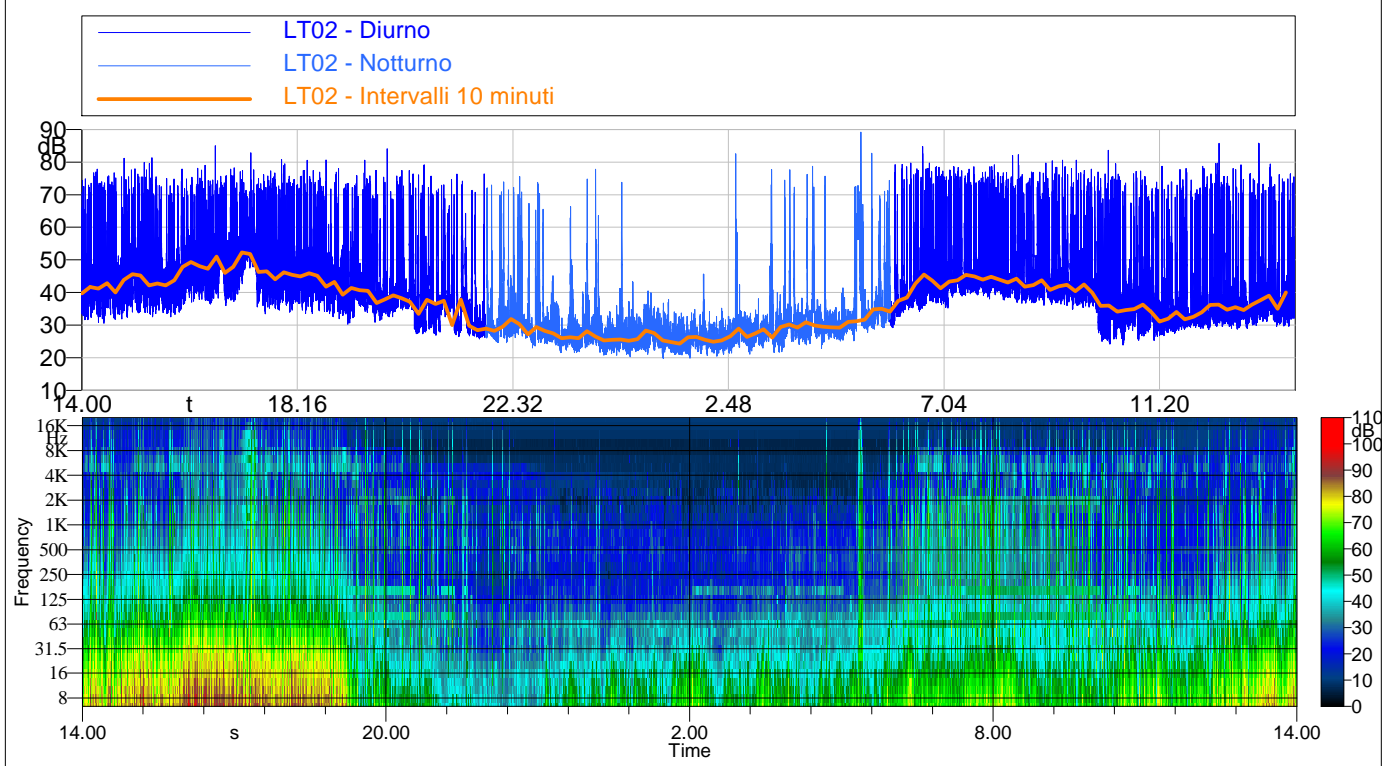
 <p>L.C.E. Srl Via dei Platani, 7/9 Opera (MI)</p>	<i>Customer/Committente</i> ???????		<i>Project Number/Numero Progetto</i>
	<i>General Project/Progetto Generale</i>		<i>Activity/Attività effettuata</i>
	<b>Monit</b>		<b>Misure acustiche esterne</b>
	<i>Date/Data:</i> 03-05/04/2023	<i>Revision/Revisione:</i> 01.00	<i>Location/Località:</i> Collinas (SU)
<i>Project Manager/Responsabile Progetto:</i> SM			<i>Sheet/Pagina:</i> 2

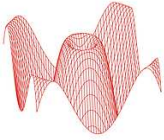
<b>LT01</b>		
<b>VALORI GENERALI</b>		
<b>PERIODO DIURNO</b>	<b>PERIODO NOTTURNO</b>	
<i>LAeq:</i> 48.4 dBA <i>Lmin:</i> 19.0 dBA <i>Lmax:</i> 83.4 dBA <i>LA95:</i> 22.9 dBA	<i>LAeq:</i> 24.1 dBA <i>Lmin:</i> 16.6 dBA <i>Lmax:</i> 51.4 dBA <i>LA95:</i> 17.1 dBA	



 <p>L.C.E. Srl Via dei Platani, 7/9 Opera (MI)</p>	<i>Customer/Committente</i> ???????		<i>Project Number/Numero Progetto</i>
	<i>General Project/Progetto Generale</i>		<i>Activity/Attività effettuata</i>
	<b>Monit</b>		<b>Misure acustiche esterne</b>
	<i>Date/Data:</i> 03-05/04/2023	<i>Revision/Revisione:</i> 01.00	<i>Location/Località:</i> Collinas (SU)
<i>Project Manager/Responsabile Progetto:</i> SM			<i>Sheet/Pagina:</i> 3

<b>LT02</b>		
<b>VALORI GENERALI</b>		
<b>PERIODO DIURNO</b>	<b>PERIODO NOTTURNO</b>	
<i>LAeq:</i> 59.0 dBA  <i>Lmin:</i> 23.9 dBA  <i>Lmax:</i> 85.8 dBA  <i>LA95:</i> 29.9 dBA	<i>LAeq:</i> 41.4 dBA  <i>Lmin:</i> 19.9 dBA  <i>Lmax:</i> 82.5 dBA  <i>LA95:</i> 22.8 dBA	





L.C.E. Srl  
Via dei Platani, 7/9  
Opera (MI)

<i>Customer/Committente</i>		???????	<i>Project Number/Numero Progetto</i>
<i>General Project/Progetto Generale</i>		<i>Activity/Attività effettuata</i>	
		<b>Monit</b>	<b>Misure acustiche esterne</b>
<i>Date/Data:</i> 03-05/04/2023	<i>Revision/Revisione:</i> 01.00	<i>Location/Località:</i> Collinas (SU)	
<i>Project Manager/Responsabile Progetto:</i> SM			<i>Sheet/Pagina:</i> 4

### LT03

#### VALORI GENERALI

##### PERIODO DIURNO

*LAeq:* 35.2 dBA

*Lmin:* 18.0 dBA

*Lmax:* 60.8 dBA

*LA95:* 19.9 dBA

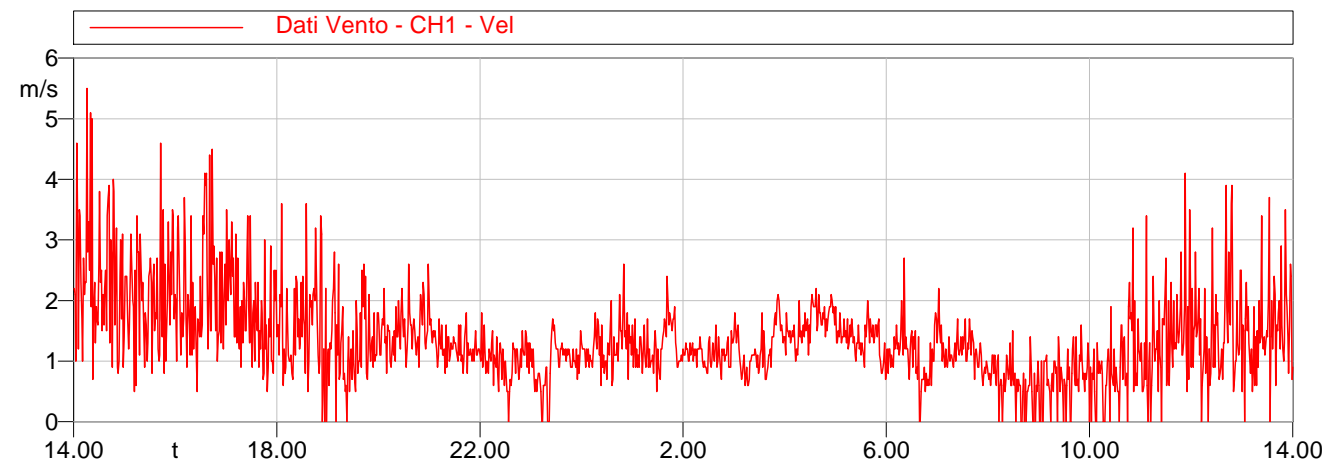
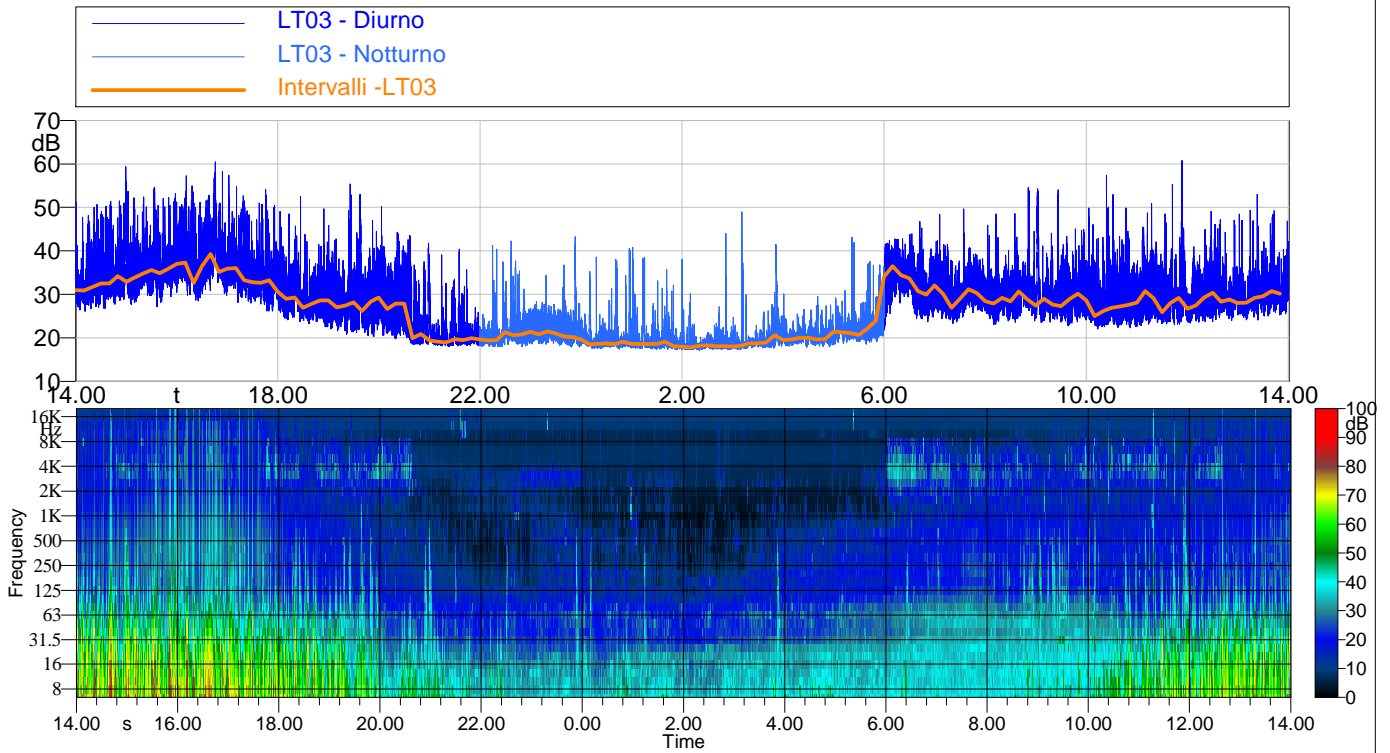
##### PERIODO NOTTURNO

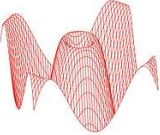
*LAeq:* 22.2 dBA


*Lmin:* 17.2 dBA

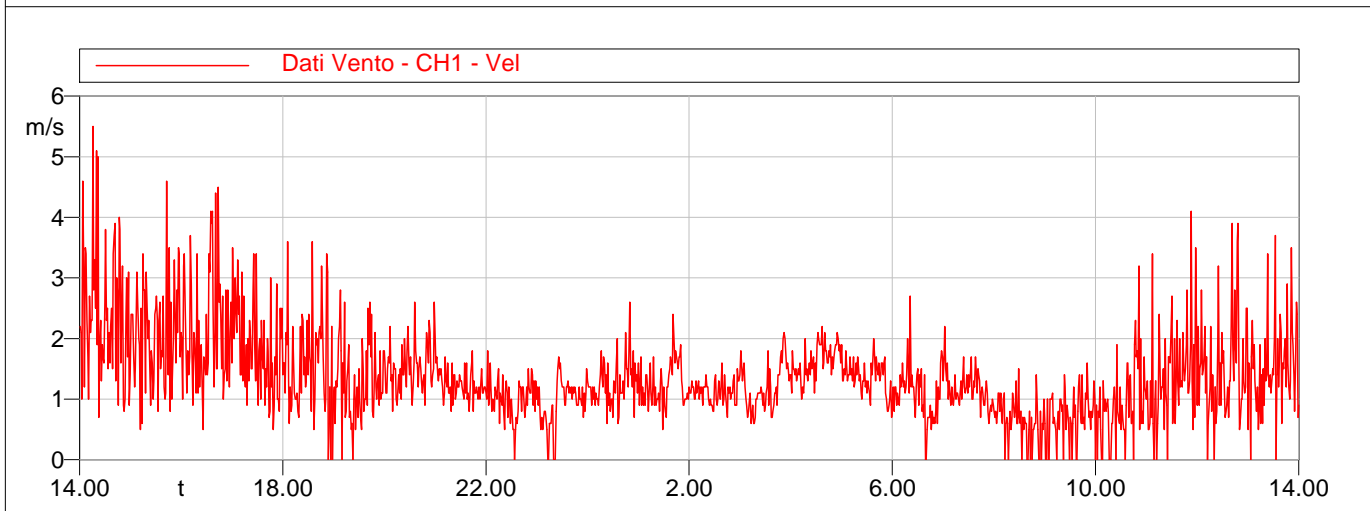
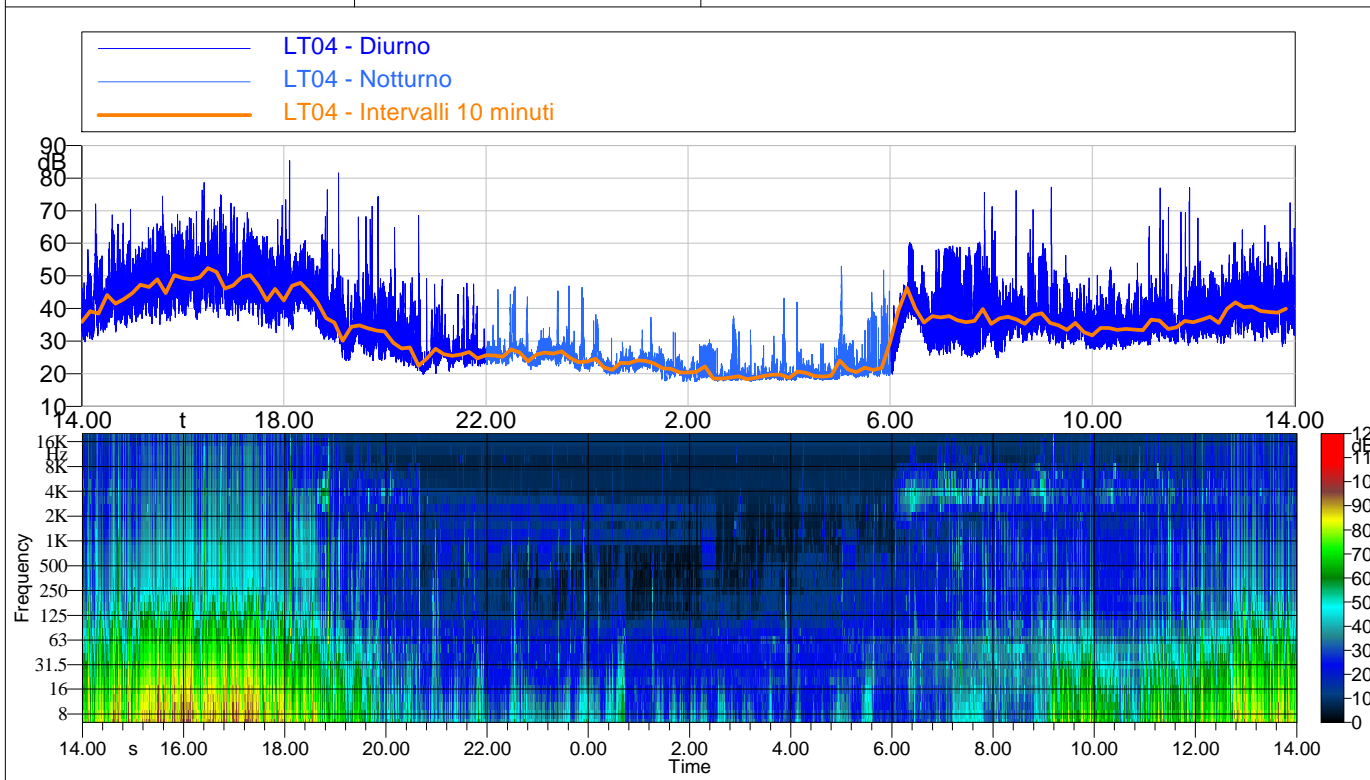
*Lmax:* 49.1 dBA

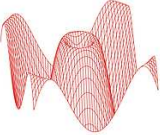
*LA95:* 17.7 dBA



 <p>L.C.E. Srl Via dei Platani, 7/9 Opera (MI)</p>	<i>Costumer/Committente</i> ???????		<i>Project Number/Numero Progetto</i>
	<i>General Project/Progetto Generale</i>		<i>Activity/Attività effettuata</i>
	<b>Monit</b>		<b>Misure acustiche esterne</b>
	<i>Date/Data:</i> 03-05/04/2023	<i>Revision/Revisione:</i> 01.00	<i>Location/Località:</i> Collinas (SU)
<i>Project Manager/Responsabile Progetto:</i> SM			<i>Sheet/Pagina:</i> 5

<b>LT04</b>		
<b>VALORI GENERALI</b>		
<b>PERIODO DIURNO</b>	<b>PERIODO NOTTURNO</b>	
<i>LAeq:</i> 51.0 dBA <i>Lmin:</i> 19.9 dBA <i>Lmax:</i> 85.3 dBA <i>LA95:</i> 25.3 dBA	<i>LAeq:</i> 27.0 dBA <i>Lmin:</i> 17.7 dBA <i>Lmax:</i> 52.9 dBA <i>LA95:</i> 18.3 dBA	



 <p>L.C.E. Srl Via dei Platani, 7/9 Opera (MI)</p>	<i>Costumer/Committente</i> ???????		<i>Project Number/Numero Progetto</i>
	<i>General Project/Progetto Generale</i>		<i>Activity/Attività effettuata</i>
	<b>Monit</b>		<b>Misure acustiche esterne</b>
	<i>Date/Data:</i> 03-05/04/2023	<i>Revision/Revisione:</i> 01.00	<i>Location/Località:</i> Collinas (SU)
<i>Project Manager/Responsabile Progetto:</i> SM			<i>Sheet/Pagina:</i> 6

<b>LT05</b>		
<b>VALORI GENERALI</b>		
<b>PERIODO DIURNO</b>	<b>PERIODO NOTTURNO</b>	
<i>LAeq:</i> 46.0 dBA <i>Lmin:</i> 19.5 dBA <i>Lmax:</i> 81.7 dBA <i>LA95:</i> 24.9 dBA	<i>LAeq:</i> 25.8 dBA <i>Lmin:</i> 16.8 dBA <i>Lmax:</i> 52.2 dBA <i>LA95:</i> 17.1 dBA	

