IVISTA

China Intelligent Vehicle Index

No.: IVISTA-SM-ISI.SA.OE-RP-A0-2023

Intelligent Safety Index
Safety Assist
Overall Evaluation Rating Protocol

(Version 2023)

Table of Contents

Safety Assist
Overall Evaluation Rating Protocol

1   Scope

This protocol specifies the overall rating methods of IVISTA China Intelligent Vehicle Index - Intelligent Safety Index - Safety Assist.

2   Normative References

The following normative documents contain provisions which, through reference in this text, constitute indispensable provisions of this document. For dated references, only the dated edition applies to this document. For undated references, the latest edition (including all amendments) applies to this document.

IVISTA-SM-ISI.SA.AEB-RP-A0-2023 Intelligent Safety Index - Safety Assist - Automatic Emergency Braking System Rating Protocol

IVISTA-SM-ISI.SA.LSS-RP-A0-2023 Intelligent Safety Index - Safety Assist - Lane Support System Rating Protocol

IVISTA-SM-ISI.SA.SSS-RP-A0-2023 Intelligent Safety Index - Safety Assist - Side Support System Rating Protocol

3   Rating Methods

3.1 Standard configuration for the whole series

All models released and sold by the VUT manufacturer are equipped with corresponding systems (excluding optional ones) as a standard configuration for the whole series.

a) For AEB system test, if the whole series is equipped with AEB C2C system as a standard configuration, 2 points will be added on the basis of AEB test score; if the whole series is equipped with AEB VRU system as a standard configuration, 2 points will be added on the basis of AEB test score. The final AEB test score does not exceed 118 points (full score).

b) For LSS system test, if the whole series is equipped with LSS system (LDW or LDP or ELK) as a standard configuration, 1 point will be added on the basis of LSS test score. The final LSS test score does not exceed 21 points (full score).

c) For SSS system test, if the whole series is equipped with SSS system (BSD or DOW) as a standard configuration, 1 point will be added on the basis of SSS test score. The final SSS test score does not exceed 12 points (full score).

3.2 Overall rating

The overall rating of safety assist is divided into four levels: Good (G), Acceptable (A), Marginal (M) and Poor (P), which are classified according to the overall scoring rate. The overall scoring rate is obtained by dividing the sum of automatic emergency braking system test score (full score: 118 points), lane support system test score (full score: 21 points) and side support system test score (full score: 12 points) by the total score of 151 points, and rounding to one decimal place. The specific rating methods are shown in Table 1.

a) The overall rating is Good (G): overall scoring rate of safety assist ≥ 80%.

b) The overall rating is Acceptable (A): 80% > overall scoring rate of safety assist ≥ 70%.

c) The overall rating is Marginal (M): 70% > overall scoring rate of safety assist ≥ 60%.

d) The overall rating is Poor (P): overall scoring rate of safety assist < 60%.

Table 1 Overall Rating of Safety Assist

Rating Method	Overall Scoring Rate ≥ 80%	80% > Overall Scoring Rate ≥ 70%	70% > Overall Scoring Rate ≥ 60%	Overall Scoring Rate < 60%
Rating	Good (G)	Acceptable (A)	Marginal (M)	Poor (P)