**3GPP TSG-RAN WG4 Meeting #116 R4-2511737**

**Bengaluru,India,25th – 29th Aug, 2025**

**Source:** Spreadtrum, UNISOC

**Title:** TP for TS 38.191 Clause 7.3 Maximum input level

**Agenda Item:** 7.22.3.2

**Document for:** Approval

# Introduction

Following from TS 38.101-1, this contribution provides a text proposal for TS 38.191 on the maximum input level for the Ambient IoT device 1.

# References

# Text Proposal to TS 38.191

**<Start of Text Proposal>**

### 7.3 Maximum input level

Maximum input level is defined as the maximum mean power received at the device peak antenna direction, at which the specified success rate shall meet or exceed the minimum requirements for the specified reference measurement channel. The success rate shall be ≥ 90% of the total inventory services for Contention Free Access of the reference measurement channels as specified in Annex A.1 with parameters specified in Table 7.3.-1.

Table 7.3-1: Maximum input level

|  |  |  |
| --- | --- | --- |
| R2D Parameter | Units | Channel bandwidth (KHz) |
| 200,400,600,800 |
| Power in Transmission Bandwidth Configuration | dBm | -4 |
|  |  |
| NOTE 1: Reference measurement channel is A.1 for OOK. | | |

**<End of Text Proposal>**