**3GPP TSG-RAN4 Meeting # 113R4-2420355**

Orlando, USA, Nov.18th – 22th, 2024

Source: ZTE Corporation

Title: TP for TR38.749 BS requirements(Clause 9)

Agenda Item: 6.21.3

Document for: Approval

# **Introduction**

In this contribution, a TP to TR38.749[3] is provided for BS requirement(Clause 9) based on the WF[1] and the endorsed draft CR to TS38.104[2].

The TP to TR38.749 on regulatory aspects is approved in [4], in which the reference for regulator are included.

# **Reference**

[1] [R4-2417084](http://10.10.10.10/ftp/RAN/RAN4/Inbox/R4-2417084.zip) WF on BS RF requirements for EESS protection, China Unicom, Huawei, HiSilicon, ZTE, CATT

[2] [R4-2417085](http://10.10.10.10/ftp/RAN/RAN4/Inbox/R4-2417085.zip) Draft CR to TS 38104 - EESS protection - BS RF aspects,Ericsson, Nokia, Huawei, ZTE, CATT

[3] [R4-2417199](http://10.10.10.10/ftp/RAN/RAN4/Inbox/R4-2417199.zip) TR skeleton for Rel-19 EESS, Huawei, HiSilicon

[4] [R4-2418920](file:///D%3A%5C%5CRAN4%23113%5C%5CDocs%5C%5CR4-2418920.zip) EESS protection - TP to TR 38.749 on regulatory aspects, Ericsson

# Text Proposal

**----- Start of TP -----**

# 9 BS RF requirements

The EESS protection requirements in the frequency range 23.6-24.0 GHz (WRC-19 Radio Regulations Resolution 750 [2] and EU Decision 2020/590 [4]) were specified via additional OTA OBUE requirements and additional OTA spurious emission requirements in the BS specifications.

The only modification in legacy specifications was that ITU-R applicability date (i.e. 1 September 2027) was considered in those specifications. With this WI, the BS additional OTA OBUE limits and additional OTA transmitter spurious emissions requirements for protection of Earth Exploration Satellite Service:

-The emission level of -3dBm/200Mz applies to BS brought into use on or before 1 September 2027 in countries not adopting EU Decision 2020/590 [4], while

- The emission level of -9dBm/200Mz applied to BS brought into use after 1 September 2027 or to BS in countries adopting EU Decision 2020/590 [4].

**----- End of TP -----**