**3GPP TSG RAN WG1 Meeting #122 R1-** **2506406**

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

**Source: Interdigital, Inc., ZTE Corporation**

**Title: Calibration Results for 7 – 24 GHz SI**

**Agenda item: 8.8**

**Document for:** **Information**

# Coversheet

In RAN Plenary #102, study for channel modeling verification for 7 – 24 GHz was approved [1]. The Study includes two objectives as described below.

* Validate using measurements the channel model of TR38.901 at least for 7-24 GHz
  + Note: Only stochastic channel model is considered for the validation.
  + Note: The validation may consider all existing scenarios: UMi-street canyon, UMa, Indoor-Office, RMa and Indoor-Factory.
* Adapt/extend as necessary the channel model of TR38.901 at least for 7-24 GHz, including at least the following aspects for applicable scenarios:
  + Near-field propagation (with consideration being given to consistency between near-field and far-field)
  + Spatial non-stationarity

Note 1: Continuity of the channel model in the frequency domain below 7 GHz and above 24 GHz shall be ensured.

Note 2: Mathematical and/or theoretical aspects (if any) may be studied before results of measurement campaigns are available. While measurement results may be available and submitted at any time, the study of measurement results may start later (e.g., Q3 2024).

This document is the coversheet for the excel spreadsheet for collecting calibration results for 7 – 24 GHz channel modeling based on TR38.901 V19.0.0.

# Contact List for Calibration Results

The following are contact information for calibration sources.

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| --- | --- | --- |
| **Source Company Name** | **Source Contact Name** | **Contact Information** |
| Apple | Chunxuan Ye | chunxuan\_ye@apple.com |
| CATT | Shupeng Li | lsp@catt.cn |
| CATT | Tianhao Yuan | yuantianhao@catt.cn |
| Ericsson | Christina Larsson | christina.c.larsson@ericsson.com |
| Ericsson | Henrik Asplund | henrik.asplund@ericsson.com |
| Ericsson | Sven Jacobsson | sven.jacobsson@ericsson.com |
| ETRI | Giyoon Park | gypark@etri.re.kr |
| ETRI | Hoondong Noh | hoondong.noh@etri.re.kr |
| Huawei | Jian Li | calvin.li@huawei.com |
| Huawei | Wenfei Yang | [yangwenfei4@huawei.com](mailto:yangwenfei4@huawei.com) |
| Huawei | Zhening Zhang | zhangzhening1@huawei.com |
| Intel | Gary Xiong | gang.xiong@intel.com |
| Intel | Sergey Panteleev | [sergey.panteleev@intel.com](mailto:sergey.panteleev@intel.com) |
| InterDigital | Afshin Haghighat | afshin.haghighat@interdigital.com |
| InterDigital | Daewon Lee | daewon.lee@interdigital.com |
| Lenovo | Chenxi Zhu | zhucx1@lenovo.com |
| Lenovo | Srinivas Kothapalli | vkothapalli@lenovo.com |
| MediaTek | Chunchia Tsai | chunchia.tsai@mediatek.com |
| MediaTek | Kuanhung Chou | Kuan-Hung.Chou@mediatek.com |
| MediaTek | Rebecca Chen | rebecca.chen@mediatek.com |
| Nokia | Dimitri Gold | dimitri.gold@nokia.com |
| OPPO | Wenhong Chen | chenwenhong@oppo.com |
| Qualcomm | Gokul Sridharan | gokuls@qti.qualcomm.com |
| Samsung | Jaeyeon Shim | jaeyeon.shim@samsung.com |
| Samsung | Xiong Qi | q1005.xiong@samsung.com |
| Sharp | Hitesh Poddar | poddarh@sharplabs.com |
| Spreadtrum | Dawei Ma | dawei.ma@unisoc.com |
| vivo | Jianming Wu | jianming.wu@vivo.com |
| vivo | Wei Jiang | wei.jiang@vivo.com |
| vivo | Zijian He | zijian.he@vivo.com |
| Xiaomi | Gaoming Duan | duangaoming@xiaomi.com |
| Xiaomi | Qun Zhao | zhaoqun1@xiaomi.com |
| Xiaomi | Yingyang Li | liyingyang@xiaomi.com |
| ZTE | Nan Zhang | zhang.nan152@zte.com.cn |
| ZTE | Qi Zhang | zhang.qi33@zte.com.cn |
| ZTE | Ziyang Li | li.ziyang1@zte.com.cn |

# References

1. RP-234018, “New SID: Study on channel modelling enhancements for 7-24GHz for NR”, Nokia, Nokia Shanghai Bell, RAN#102, December 2023.