Proposal on DC-charging current Setup in whole vehicle EMC test
Overview

DC-Charging Station with current setting function

MAX DC-charging current: 125A
SOC: 20%-80%
Overview

RE test environment
Comparison for different charging current——Vertical

Orange: 80% max current
White: 20% max current

Vertical polarization: Not directly relevant to current setting
Horizontal polarization: Not direct relevant to current setting
Need to wait charging current get stabilized to make the result repetitive.
Beware of the impact of the charging station itself, shielding/filtering are needed to assure at least 6dB below limit.
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DC-Charging current is not directly related to EMC performance, 20% current is enough.

Need to wait charging current get stabilized to make the result repetitive

Beware of the impact of the charging station itself, shielding/filtering are needed to assure at least 6dB below limit
THANKS