**3GPP TSG-RAN WG4 Meeting #104-e R4-22xxxxx**

**Electronic Meeting, August 15th – 26th, 2022**

**Title:** WF on system parameters for 5G broadcast

**Agenda Item:** x.x.x

**Source: Qualcomm Incorporated**

**Document for:** Approval

# System parameters for 5G broadcast

**<Way forward/Agreement>**:

1. A new band type is needed for Standalone Downlink Only (SDO). No impact to RAN1 and RAN2 specifications is expected.
2. For BS which is used for LTE based 5G terrestrial broadcast in Standalone Downlink Only band, define new channel bandwidths 6, 7 and 8 MHz. FFS for the UE.
3. Adopt the 100 kHz channel raster and specify the EARFCN correspondingly
4. 30, 35, and 40 RB’s is the maximum transmission bandwidth configuration for 15 kHz SCS in 6, 7, and 8 MHz channel bandwidths.
5. The follow the existing Nominal Channel spacing definition as following:

Nominal Channel spacing = (BWChannel(1) + BWChannel(2))/2

where BWChannel(1) and BWChannel(2) are the channel bandwidths of the two respective E-UTRA carriers.