## Exhibit 11

## DETAILED DESCRIPTION OF THE MODULATION SYSTEM

## SECTION 2.1033(c) $(10,13)$

For equipment employing digital modulation techniques, a detailed description of the modulation system to be use, including response characteristics of any filters provided, and a description of the modulating wavetrain, shall be submitted for the maximum rated conditions under which the equipment will be operated.

## Response:

The Nokia AirScale Indoor pRRH AWPQY/Z 4T4R supports LTE and NR radio access technology, including multipleinput multiple-output (MIMO).

System operates with MADE chip. Each Made chip has 8 SxC layers as input, there is 8 TRX for one polarity. Master beamer will distribute the 8 virtual layers to Made chips by $1 \times 25 \mathrm{G}$ ethernet. Altogether, the system can handle 4 SxC streams.

1 Made is used as DFE to support 4 TRX Max 150 MHz oBW/TRX. DUC/DDC/CFR/DPD are all integrated MADE. L1-low function such as FFT/IFFT is also integrated in MADE, to provide less data transmission rate.

ADI RFIC is used as RFIC component, to provide analog TRX path for signal chain.
Each RFIC can support 4 TRX and 2 Feedback, with dedicated FB function to calibration LO leakage and IQ imbalance. There is no extra gain block at the path of the Uplink and Downlink.

An integrated PA (power amplifier) is used to provide final output of TX path, The PAR for LTE or NR one carrier should be $7.8 \mathrm{~dB} @ 0.01 \%$. For 150M IBW, possible to be $8.3 \mathrm{~dB} @ 0.01 \%$. PA efficiency should be more than $26 \%$ at room temperature.

Monoblock filter is used to implement the tight requirement of spurious emission for B48 band (3550~3700MHz).

Integrated antenna is used right after filter, using direct connector with filter. External type SKU with SMA female can be used to perform the conductive test directly.

