



NOTES:

INTERIOR OF ANTENNA 2 IS THE SAME AS THAT FOR ANTENNA 1.

ACK/NACK=ACKNOWLEDGE/NO ACKNOWLEDGE.

AFE=ANALOG FRONT END.

CP=CYCLE PREFIX.

CRC=CYCLIC-REDUNDANCY CHECK.

DFE=DIGITAL FRONT END.

FFT=FAST FOURIER TRANSFORM.

Figure 1 Infineon's vision of a downlink receiver for LTE shows the complexity of dealing with even two-antenna MIMO.