

This application concerns a monobloc handset device with internal antennas, capable of transmitting in an LTE band.

KDB941225 D05 SAR for LTE devices has been used to determine SAR compliance; the following requirements of this document have been covered in the SAR report:

- LTE700 Upper (Band13), uplink frequency band 777-787MHz
- A single Channel Bandwidth of 10MHz is available
- Only a single, mid-band frequency has been tested since the Channel Bandwidth occupies the entire available band
 - This is an LTE category 3 device supporting QPSK and 16QAM modulations
- LTE band has a dedicated antenna within the device
 - Transmissions can be made as stand-alone LTE or simultaneously either:
 - with the CDMA bands in SVLTE mode, or
 - with the WLAN bands
- Head, Body-worn and Wireless Router (“Hot Spot”) modes have been evaluated for a single configuration of the device, since it possesses no user-configurable slides or flips and has an unchangeable internal antenna
- MPR values as stipulated in 3GPP TS 36.101 are incorporated; there are no additional MPR values incorporated
- Maximum average conducted output powers, measured from the tested device, are supplied for all the tested LTE modulations and resource block configurations
- The tested device is also capable of transmitting in the following US wireless operating modes:
 - GSM/GPRS/EGPRS 850 & 1900MHz
 - CDMA2000 1xRTT + Ev-Do Rev A 800 & 1900MHz,
 - WCDMA 850 & 1900MHz,
 - WLAN 2450 & 5000MHz
 - Bluetooth
 - Conducted output powers for all of the tested modes and bands are included in the report.
- A full description of the simultaneous transmission capabilities of the device is included within the SAR report and all relevant combinations have been evaluated
- A full description of the power reductions configured in the device is included within the SAR report
- A full listing of the test equipment used in the testing is included in the SAR report, along with information on how the link to the base station simulator was established.