



FM350R-GL 5G Module

Perfect Wireless Experience

FM350R-GL 5G Module Technical Specifications

Product Features

- NR FR1 (Sub6): n1, n2, n3, n5, n7, n8, n12, n14, n20, n25, n26^[1], n28a, n28b, n30, n38, n40, n41, n48, n66, n71, n77, n78, n79
- LTE: B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28(a&b), B29, B30, B32, B34, B38, B39, B40, B41, B42, B43, B48, B66, B71
- WCDMA: Band 1, 2, 4, 5, 8
- NR CA: DL 2CC / UL 2CC
- LTE CA: DL 5CC / UL 2CC
- NR DL 4*4 MIMO: n1, n2, n3, n7, n25, n30, n38, n40, n41(full), n48, n66, n77, n78, n79
- LTE DL 4*4 MIMO: B1, B2, B3, B4, B7, B25, B30, B38, B40, B41(full), B42, B43, B48, B66
- Tx Switch: N/A
- SRS: n41, n77, n78, n79, Support: 1T2R, 1T4R
- CBRS: B48
- HPUE: n41, n77, n78, n79
- Integrated GPS, GLONASS, BeiDou, Galileo and QZSS
- Assisted GNSS (A-GNSS)
- Built-in eSIM
- Body SAR
- Antenna Tuner
- Operating Voltage: 3.135V~4.4V, Typical 3.3V
- Operation Temperature: -10 ~ 55°C
- Storage Temperature: -40 ~ +85°C
- Form Factor: M.2 S3 Key-B
- Size: 30*52*2.3mm
- TX Power:
 - NR & LTE: 23dBm
 - WCDMA: 23.5dBm
- RX Sensitivity:
 - NR & LTE: -98dBm ~ 102dBm

Note[1]: n26 is not confirmed yet.

Data

Downlink:

- NR FR1 (Sub6) Peak: 4.67Gbps MIMO 4*4, 256QAM
- LTE: 1.6Gbps MIMO 4*4, 256QAM
- ENDC Peak: 3.74Gbps MIMO 4*4, 256QAM

Uplink:

- NR FR1 (Sub6) Peak: 1.25Gbps MIMO: 1*1, 256QAM
- LTE: 211Mbps MIMO 1*1, UL 256QAM
- ENDC Peak: 835Mbps MIMO 1*1, NR: 256QAM; LTE: 256QAM

Interface

- USIM: 1.8V, 3V
- PCIe Gen 3.0
- I2C
- Body SAR
- MIPI
- GPIO



Driver

- Chrome, Linux, Windows

Certifications

- GCF, PTCRB, CCC, CTA, SRRC, CE, IC, FCC, CBRS, JATE, TELEC, RCM
 - AT&T, Verizon, T-Mobile, Vodafone, Telefonica, Swisscom*, DTAG, CMCC, CUCC*, CTCC, Telstra, Optus, Docomo, KDDI, Softbank
- Note: *: Only device level TA, no module level TA.