



CMP9605

Hosted DB Wi-Fi 6 + BLE 5.4 for IoT Devices

The Complete Package in our Smallest Size

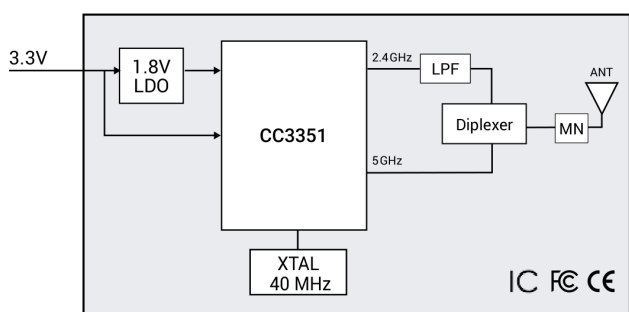
Inquiry



- Linux, Android, FreeRTOS
- 16.7 x 20.0 mm
- Dual-Band Wi-Fi 6
- BLE 5.4
- SDIO, UART, SPI

TURNKEY: INTEGRATED, CERTIFIED, FULLY TESTED

Get the CMP9605 and save time and money on module integration.



Size: 16.7 x 20mm, 334mm²

WIRELESS FEATURES

- **Dual Band Wi-Fi 6**
 - ▶ 802.11a/b/g/n/ac/ax
 - ▶ 20 MHz channel / 1 Spatial Stream (SISO)
 - ▶ TWT, MU-MIMO (Downlink)
 - ▶ SDIO or SPI
 - ▶ Up to 50 Mbps Throughput
 - ▶ Up to +18 dBm
 - ▶ Supports WPA2 and WPA3
 - ▶ Multirole Support: STA + AP
- **BLE 5.4**
 - ▶ Up to +5 dBm
 - ▶ Up to 2 Mbps
 - ▶ Advertising Extensions
 - ▶ HCI – UART or Shared SDIO
 - ▶ Internal Coexistence w/ Wi-Fi

FORM FACTOR AND OPERATING TEMPERATURE

- Surface Mount
- -40°C to +85°C Operation

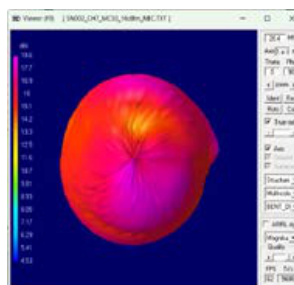
PLATFORM SUPPORT

- **Host Options**
 - ▶ OS: Linux, Android, RTOS
 - ▶ Any host running TCP/IP stack
- **MCU / MPU Support**
 - ▶ Texas Instruments
 - ▶ NXP
 - ▶ ST Micro
 - ▶ Other

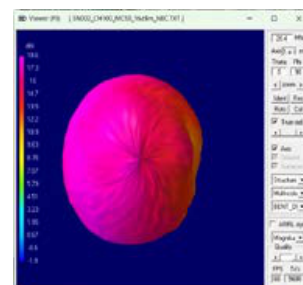
HIGH-PERFORMANCE ANTENNA

- Omni-Directional
- High Efficiency
- Minimal Integration Impact to HOST PCB

2.4 GHz:



5 GHz:



Contact CEL for Antenna Performance Details

APPLICATIONS

- Building Automation / Control, HVAC
- Smart Energy, Home IoT, Smart Appliances
- Medical, Fleet, Telematics
- Security, Retail / POS

Questions? Call Us
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www.cel.com

