Statement

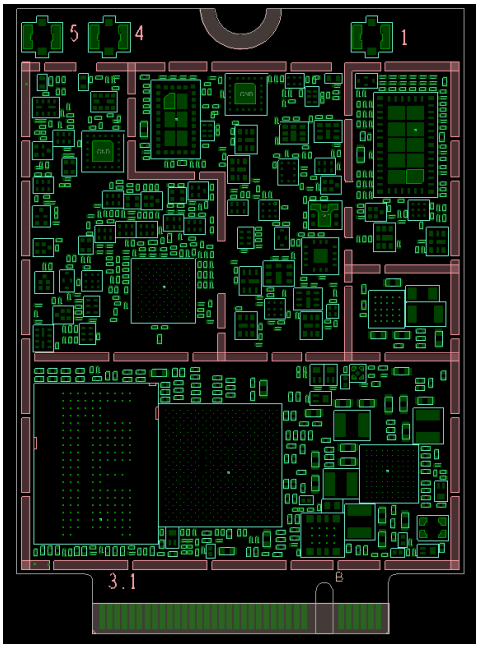
We **Quectel Wireless Solutions Co., Ltd** declare the following models.

Product Name: 5G Module
Model Number: RM255C-GL
Hardware Version: R1.0

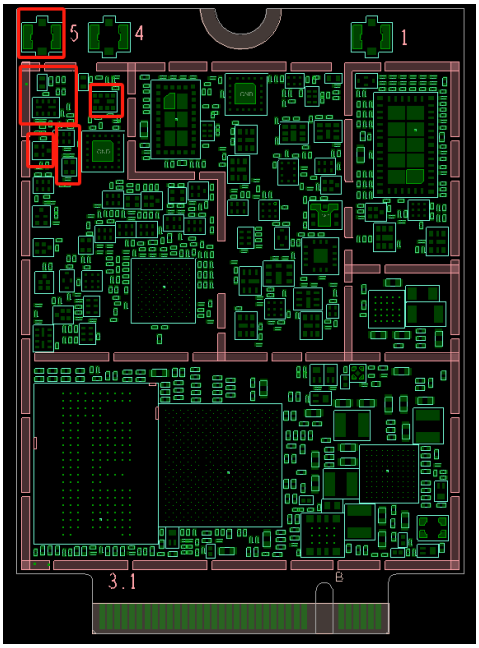
RM255C-GL has two versions, one is the standard version that used 2 antennas, the other is customized version that used 3 antennas. They both use SDX35 chipset, share the same chipset baseline and hardware design, the difference is customized version supports GNSS L1&L5 in ANT5 port, but standard version disables GNSS L5 in ANT5 port and support GNSS L1 in ANT4 port.

Module	Chipset	Frequency
RM255C-GL (Customized)	SDX35	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B30/B66/B71 LTE-TDD: B34/B38/39/B40/B41/B42/B43/B48 5G-NR: n1/n2/n3/n5/n7/n8/n12/n13/n14/n18/n20/n25/n26/n28/n30/n38/n40/n41/n48/n66/n70/n71/n77/n78 GNSS L1&L5
RM255C-GL (Standard)	SDX35	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B30/B66/B71 LTE-TDD: B34/B38/39/B40/B41/B42/B43/B48 5G-NR: n1/n2/n3/n5/n7/n8/n12/n13/n14/n18/n20/n25/n26/n28/n30/n38/n40/n41/n48/n66/n70/n71/n77/n78 GNSS L1

- **PCB**



RM255C-GL (Customized)



RM255C-GL (Standard)

- **HW Difference Table**

Designator	RM255C-GL (Customized) (Part Description)	RM255C-GL (Standard) (Part Description)
U3202	**SAWFD1G20AA0F0AR15** (GNSS DIPX)	**NM**
U3201	**AW15145DNR** (GNSS LNA)	**NM**
U3206	**SAFFW1G17AA0E0AR1X** (GNSS L5 SAW)	**NM**
J3201	**20579-001E** (GNSS antenna connector)	**NM**
D3201	**TEA10201V05A0** (GNSS ESD)	**NM**
U3204	**NM**	**MS11U1G57-G3H** (GNSS L1 SAW)
U2703	**NM**	**B39162B8939L210** (GNSS and DRX extractor)

- **ANT Mapping Difference Table**

ANT Mapping	RM255C-GL (Customized)	RM255C-GL (Standard)
ANT1	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B30/B66/B71 LTE-TDD: B34/B38/39/B40/B41/B42/B43/B48 5G-NR: n1/n2/n3/n5/n7/n8/n12/n13/n14/n18/n20/n25/n26/n28/n30/n38/n40/n41/n48 /n66/n70/n71/n77/n78	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B30/B66/B71 LTE-TDD: B34/B38/39/B40/B41/B42/B43/B48 5G-NR: n1/n2/n3/n5/n7/n8/n12/n13/n14/n18/n20/n25/n26/n28/n30/n38/n40/n41/n48 /n66/n70/n71/n77/n78
ANT4	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B30/B66/B71 LTE-TDD: B34/B38/39/B40/B41/B42/B43/B48 5G-NR: n1/n2/n3/n5/n7/n8/n12/n13/n14/n18/n20/n25/n26/n28/n30/n38/n40/n41/n48 /n66/n70/n71/n77/n78	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B30/B66/B71 LTE-TDD: B34/B38/39/B40/B41/B42/B43/B48 5G-NR: n1/n2/n3/n5/n7/n8/n12/n13/n14/n18/n20/n25/n26/n28/n30/n38/n40/n41/n48 /n66/n70/n71/n77/n78 GNSS L1
ANT5	GNSS L1&L5	NM

The change will not impact RF performance for the others frequency bands.

Person responsible for making this statement.

Name/Surname:

Position/Title: Certification Manager
Issue Date: February 25, 2025