

Statement

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

Product Name: 5G Module

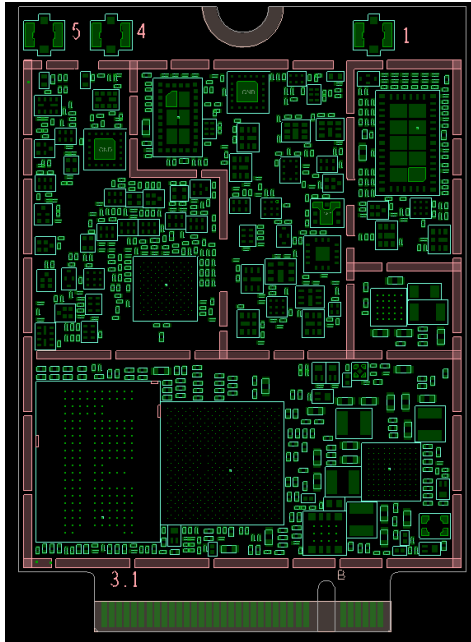
Model Number: RM255C-GL

Hardware Version: R1.0

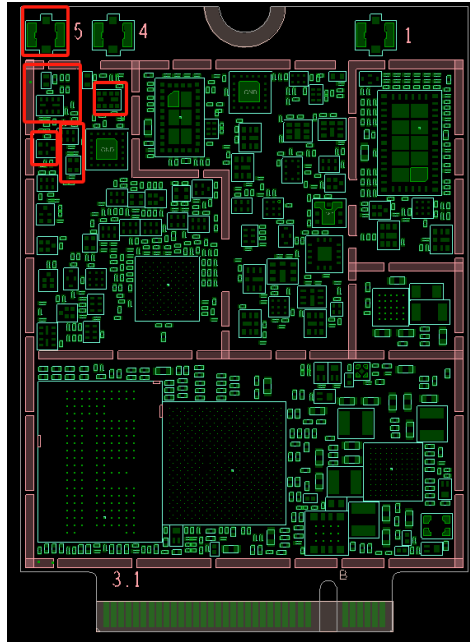
RM255C-GL has two versions, one is the standard version that used 2 antennas, the other is customized version that used 3 antennas. They both use SDX35 chipset, share the same chipset baseline and hardware design, the difference is customized version supports GNSS L1&L5 in ANT5 port, but standard version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