

Statement and explanations

The host MK6 OBU (FCC ID: **2AEGPMK6OBU**) is a new product with one certified module AG550Q-NA (Module ID: XMR2022AG550QNA; Grant Date: 09/08/2022) and one module ST60-SIPT (Module ID: SQG-60SIPT). The referenced certified module AG550Q-NA report number is: SEWA2205000015RG01/ SEWA2205000015RG02, and the referenced module ST60-SIPT report number is: FR740701AD R02/FR740701AE R02/FR740701AC R02.

This AG550Q-NA module is a single modular and it was integrated into the host that not any effect on RF performance. Huarui 7Layers High Technology (Suzhou) Co., Ltd. have performed MPE for the host and the ERP/EIRP and RSE re-tested. Please refer to the lab test results accordingly.

The module AG550Q-NA supports GSM1900/WCDMA B2/ 4/ 5 and LTE B2/4/5/7/12/13/14/17/25/26/41/66/71/48 and 5G NR n2/5/25/41/66/71/77/78/48, but the host with the integrated module AG550Q-NA supports GSM1900/WCDMA B2/ 4/ 5 and LTE B2/4/5/7/12/17/25/41/66/71 and 5G NR n2/5/25/66/71/77/78, it disable other bands by software.

This ST60-SIPT module is a single modular and it was integrated into the host that not any effect on RF performance. Huarui 7Layers High Technology (Suzhou) Co., Ltd. have performed MPE for the host (BT/2.4G WIFI) and the EIRP and CE and RSE re-tested. Please refer to the lab test results accordingly. 5G WIFI (FCC part 15.407) is the full test.

Consequently, Radio test data retrieved from the initial application FCC ID: XMR2022AG550QNA and FCC ID: SQG-60SIPT can be re-used for the FCC ID: **2AEGPMK6OBU**.

Spot check test data are described as below:

FCC Rule Part	Frequency Band	Re-test items
FCC Part 22	WCDMA B5, LTE B5, 5G NR n5	Conducted output power Effective Radiated Power Radiated spurious emissions
FCC Part 24	GSM 1900, WCDMA B2, LTE B2, LTE B25, 5G NR n2, 5G NR n25	Conducted output power Equivalent Isotropic Radiated power Radiated spurious emissions
FCC part 27	WCDMA B4, LTE B4, LTE B7, LTE B12, LTE B17, LTE B41, LTE B66, LTE	Conducted output power Effective Radiated power Equivalent Isotropic Radiated power

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	B71, 5G NR n66, 5G NR n71, 5G NR n77, 5G NR n78	Radiated spurious emissions
FCC part 15.247	2412-2462MHz for 11b/g/n(HT20/40) 2402-2480MHz for BT EDR/LE	Conducted emission Radiated spurious emissions Conducted output power Equivalent Isotropic Radiated power

Should you have any question or comment regarding this matter, please have my best attention.

Sincerely yours,



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