Date: 2024/10/11

Federal Communications Commission

Authorization and Evaluation Devision

7435 Oakland Mills Road

Columbia, MD 21046

Attn: OET Dept.

Ref: FCC new Grants for FCC ID: XYO-PW550NA

Applicant: Asiatelco Technologies Co.

Dear Examiner,

This device contains a certified module which is FCC ID: ZMOFG360NA, Grant date: 2022/12/13

The major change filed under this module under host is:

1. Antenna change

Different	module	Host
Model	FG360-NA	PW550+,PW550, PW550 Plus, PW550 Pro,JW515, PW550-NA
Band	WCDMA Band II/IV/V LTE Band 2/4/5/7/12/13/14/17/25/26/30/41/48/66/71 LTE Band CA_41C 5G NR n2/n5/n7/n12/n14/n25/n30/n41/n66/n71/n77/n78	WCDMA Band II/IV/V LTE Band 2/4/5/7/12/13/14/17/25/26/30/41/48/66/71 LTE Band CA_41C 5G NR n2/n5/n7/n12/n14/n25/n30/n41/n66/n71/n77/n78
Product name	5G module	5G CPE
Antenna Gain	WCDMA: B2=2.63dBi , B4=2.86dBi , B5=1.32dBi LTE: B2=2.63dBi, B4=2.86dBi, B5=1.32dBi, B7=1.52dBi, B12=1.61dBi,	WCDMA: B2=1.65dBi , B4=1.82dBi , B5=1.56dBi LTE: B2=1.65dBi, B4=1.82dBi, B5=1.56dBi, B7=1.77dBi, B12=1.43dBi,

	B13=1.94dBi, B14=2.19dBi, B17=1.58dBi, B25=1.93dBi, B26=1.32dBi, B30=0.22dBi, B41=1.52dBi, B48=-0.13dBi, B66=3.76dBi, B71=1.32dBi 5G NR: n2=1.93dBi, n5=1.45dBi, n7=1.28dBi, n12=1.58dBi, n14=2.19dBi, n25=1.93dBi, n30=0.22dBi, n41=2.45dBi, n48=5.84dBi, n66=3.76dBi, n71=1.39dBi, n77=-2.09dBi, n78=-2.09dBi	B13=0.43dBi, B14=0.43dBi, B17=1.43dBi, B25=1.7dBi, B26=1.56dBi, B30=0.22dBi, B41=1.77dBi, B48=5.84dBi, B66=1.82dBi, B71=0.06dBi 5G NR: n2=1.65dBi, n5=1.56dBi, n7=1.77dBi, n12=1.43dBi, n14=0.43dBi, n25=1.7dBi, n30=0.22dBi, n41=1.77dBi, n48=5.84dBi, n66=1.82dBi, n71=0.06dBi, n77=5.84dBi, n78=5.84dBi

2. There were no hardware changes to the module
3. Software security remains unchanged form original application
4. No change the Tune up.

This device also can support BLE(2402-2480MHz), WiFi 2.4G/5.1G/5.8G

Test report data clarification

Description	Original test reports No.:	Testing Data	Remark
FCC Part15.247 BLE Report Report No.: 24T04I300138-037	N/A	Full testing	N/A
FCC Part15.247 WiFi 2.4G Report Report No.: 24T04I300138-034	N/A	Full testing	N/A
FCC Part15.407WiFi 5G Report Report No.: 24T04I300138-035 Report No.: 24T04I300138-036	N/A	Full testing	N/A
FCC Part15B Report Report No.: 24T04I300138-038	N/A	Full testing	N/A
FCC WCDMA Test Report Report No.: 24T04I300138-034	SAR/2021/4000901 SUZR/2021/7002001	Add full test:Output Power/EIRP Radiated Spurious Emission	Based on the module difference description, Frequency Stability, Occupied Bandwidth, Emission Bandwidth, band edge and Conducted Spurious Emission are evaluated refer to original reports
FCC LTE Test Report Report No.: 24T04I300138-034	SAR/2021/4000901 SUZR/2021/7002001	Add full test:Output Power/EIRP Radiated Spurious Emission	Based on the module difference description, Frequency Stability, Occupied Bandwidth, Emission Bandwidth, band edge and Conducted Spurious Emission are evaluated refer to original reports
FCC LTE Test Report(Part90) Report No.: 24B02W000037-001	SAR/2021/4000901 SUZR/2021/7002001	Add full test:Output Power/EIRP Radiated Spurious Emission	Based on the module difference description, Frequency Stability, Occupied Bandwidth, Emission Bandwidth, band edge and Conducted Spurious Emission are evaluated refer to original reports
FCC LTE Test Report(Part96) Report No.: 24B02W000037-002	SAR/2021/4000901 SUZR/2021/7002001	Add full test:Output Power/EIRP Radiated Spurious Emission	Based on the module difference description, Frequency Stability, Occupied Bandwidth, Emission Bandwidth, band edge and Conducted Spurious Emission are evaluated refer to original reports
FCC NR Test Report Report No.: 24T04I300138-029	SAR/2021/4000902 SRTC2021-9004(F)-21082802(N)	Add full test:Output Power/EIRP Radiated Spurious Emission	Based on the module difference description, Frequency Stability, Occupied Bandwidth, Emission Bandwidth, band edge and Conducted Spurious Emission are evaluated refer to original reports

FCC NR Test Report(Part90) Report No.: 24B02W000037-003	SAR/2021/4000902 SRTC2021-9004(F)-21082802(N)	Add full test:Output Power/EIRP Radiated Spurious Emission	Based on the module difference description, Frequency Stability, Occupied Bandwidth, Emission Bandwidth, band edge and Conducted Spurious Emission are evaluated refer to original reports
MPE Test Report Report No.: 24T04I300138-039	N/A	Full Evaluate	Reevaluation of individually and simultaneously launched MPEs based on validation and test results
CBSD Report	SZCR2105021032AT	N/A	No change Software(configuration and control protocols)

CONCLUSION

This radio device continues to meet all FCC standard requirements.

Please contact me if you have any questions or need further information regarding this application.

Sincerely,  2024/10/15

Signature Date:

Printed Name of Signee: Ella.chen

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