

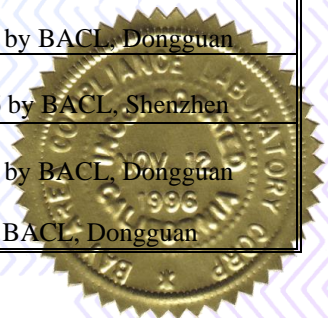
## APPENDIX A OF TYPE EXAMINATION CERTIFICATE

### Product Characteristics

<b>TX Frequency:</b>	EGSM900: 880-915 MHz, DCS1800: 1710-1785 MHz WCDMA: 1920-1980 MHz (B1), 880-915 MHz (B8) LTE: 1920-1980 MHz (B1), 1710-1785 MHz (B3), 2500-2570 MHz (B7) 880-915 MHz (B8), 832-862 MHz (B20), 703-748 MHz (B28) 2570-2620 MHz (B38), 2300-2400 MHz (B40), 2580-2630 MHz (B41) 2.4 GHz Wi-Fi: 2412-2472 MHz; Bluetooth/BLE: 2402-2480 MHz 5 GHz Wi-Fi: 5150-5250 MHz, 5250-5350 MHz, 5470-5725 MHz, 5725-5850 MHz NFC: 13.56 MHz
<b>RX Frequency:</b>	EGSM900: 925-960 MHz, DCS1800: 1805-1880 MHz WCDMA: 2110-2170 MHz (B1), 925-960 MHz (B8) LTE: 2110-2170 MHz (B1), 1805-1880 MHz (B3), 2620-2690 MHz (B7) 925-960 MHz (B8), 791-821 MHz (B20), 758-803 MHz (B28) 2570-2620 MHz (B38), 2300-2400 MHz (B40), 2580-2630 MHz (B41) 2.4 GHz Wi-Fi: 2412-2472 MHz; Bluetooth/BLE: 2402-2480 MHz 5 GHz Wi-Fi: 5150-5250 MHz, 5250-5350 MHz, 5470-5725 MHz, 5725-5850 MHz GPS L1 C/A, BDS B1I, Galileo E1: 1559-1610 MHz NFC: 13.56 MHz
<b>ITU Designation:</b>	GXW, G7W, F9W, D7W, G7D, F1D, G1D, D1D, A1D
<b>Output Power:</b>	EGSM900: 32.48 dBm (GMSK), 26.68 dBm (8PSK) DCS1800: 28.38 dBm (GMSK), 25.10 dBm (8PSK) WCDMA: 22.39 dBm (B1), 22.76 dBm (B8) LTE: 22.10 dBm (B1), 22.50 dBm (B3), 22.50 dBm (B7), 22.40 dBm (B8) 22.70 dBm (B20), 22.60 dBm (B28), 22.60 dBm (B38), 23.50 dBm (B40) 24.10 dBm (B41) 2.4 GHz Wi-Fi: 18.82 dBm; Bluetooth: 8.49 dBm; BLE: 7.36 dBm 5 GHz Wi-Fi: 5150-5250 MHz: 16.15 dBm, 5250-5350 MHz: 16.52 dBm 5470-5725 MHz: 16.48 dBm, 5725-5850 MHz: 13.90 dBm NFC: 2.14 dBuA/m @ 3m
<b>Modulation:</b>	EGSM&DCS: GMSK; EDGE: 8PSK WCDMA: BPSK, QPSK, 16-QAM, 64-QAM LTE: QPSK, 16-QAM, 64-QAM (DL) Bluetooth: GFSK, $\pi/4$ -DQPSK, 8DPSK; BLE: GFSK 2.4 GHz Wi-Fi: DSSS, OFDM, 5 GHz Wi-Fi: OFDM GPS L1 C/A, BDS B1I, Galileo E1: BPSK NFC: ASK
<b>Antenna:</b>	2G/3G/4G: FPC Antenna, 0.8 dBi (B1/B40), 1.2 dBi (B3), 0.4 dBi (B8) 1.0 dBi (B7/B38/B41), 0.3 dBi (B20), 0.1 dBi (B28) Wi-Fi/Bluetooth/BLE: Rod Antenna, 1.8 dBi GPS: Rod Antenna, 0.75 dBi NFC: Integral Antenna, 0 dBi

**Conformity Details**

Requirement	Standard, Test Report Number, Date & Laboratory
<b>Radio Spectrum</b>	EN 301 511 V12.5.1 (2017-03) Test Report SZGMA221220-62680E-11 issued on 2023-03-07 by BACL, Dongguan EN 300 328 V2.2.2 (2019-07) Test Report SZGMA221220-62680E-22A/-22B/-22C issued on 2023-03-07 by BACL, Dongguan EN 300 330 V2.1.1 (2017-02) Test Report SZGMA221220-62680E-22D issued on 2023-03-07 by BACL, Dongguan EN 300 440 V2.2.1 (2018-07) Test Report SZGMA221220-62680E-22E issued on 2023-03-07 by BACL, Dongguan EN 301 893 V2.1.1 (2017-05) Test Report SZGMA221220-62680E-22H/-22F issued on 2023-03-07 by BACL, Dongguan EN 303 413 V1.2.1 (2021-04) Test Report SZGMA221220-62680E-22G issued on 2023-03-07 by BACL, Dongguan EN 301 908-1 V15.2.1 (2023-01), EN 301 908-2 V13.1.1 (2020-06) Test Report SZGMA221220-62680E-22I issued on 2023-03-07 by BACL, Dongguan EN 301 908-1 V15.2.1 (2023-01), EN 301 908-13 V13.2.1 (2022-02) ETSI TS 136 521-1 V17.5.0 (2023-01) Test Report SZGMA221220-62680E-22J issued on 2023-03-07 by BACL, Dongguan
<b>EMC</b>	EN 301 489-1 V2.2.3 (2019-11), EN 301 489-3 V2.3.2 (2023-01) EN 301 489-17 V3.2.4 (2020-09), EN 301 489-19 V2.2.1 (2022-09) EN 301 489-52 V1.2.1 (2021-11) Test Report SZGMA221220-62680E-02 issued on 2023-03-27 by BACL, Dongguan
<b>Safety</b>	EN IEC 62368-1:2020+A11:2020 Test Report SZGMA221220-62680E-SF issued on 2023-03-26 by BACL, Shenzhen
<b>Health</b>	EN 50566:2017, EN 50663:2017, EN 62479:2010 Test Report SZGMA221220-62680E-20 issued on 2023-03-16 by BACL, Dongguan EN 50364:2018 Test Report SZGMA221220-62680E issued on 2023-02-16 by BACL, Dongguan



\*\*\*\*\* End of Appendix \*\*\*\*\*

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