

APPENDIX A OF TYPE EXAMINATION CERTIFICATE

Product Characteristics

TX Frequency:	EGSM900: 880-915MHz; DCS1800: 1710-1785MHz WCDMA: 880-915MHz(B8), 1920-1980MHz(B1) LTE: 1920-1980MHz(B1), 1710-1785MHz(B3), 824-849MHz(B5) 2500-2570MHz(B7), 880-915MHz(B8), 832-862MHz(B20) Wi-Fi: 2412-2472MHz/2422-2462MHz Bluetooth/BLE: 2402-2480MHz UHF: 410-470MHz
RX Frequency:	EGSM900: 925-960MHz; DCS1800: 1805-1880MHz WCDMA: 925-960MHz(B8), 2110-2170MHz(B1) LTE: 2110-2170MHz(B1), 1805-1880MHz(B3), 869-894MHz(B5) 2620-2690MHz(B7), 925-960MHz(B8), 791-821MHz(B20) Wi-Fi: 2412-2472MHz/2422-2462MHz Bluetooth/BLE: 2402-2480MHz NFC: 13.56MHz GPS: 1575.42 MHz UHF: 410-470MHz
ITU Designation:	GXW, G7W, F9W, D7W, G7D, G1D, D1D, F1D, F1E
Output Power:	GPRS: 33.0dBm(EGSM900), 30.0dBm(DCS1800) EDGE: 27.0dBm(EGSM900), 26.0dBm(DCS1800) WCDMA: 24.0dBm(B1&B8) LTE: 23dBm(B1&B3&B5&B7&B8&B20) Wi-Fi: 19.03dBm(802.11b), 17.92dBm (802.11g) 18.15dBm(802.11n20), 17.17dBm(802.11n40) Bluetooth: 8.52dBm BLE: 5.99dBm UHF: 27dBm(Low), 33dBm(High)
Modulation:	GPRS: GMSK; EDGE: 8PSK WCDMA: BPSK, QPSK, 16QAM, 64QAM; LTE: BPSK, QPSK, 16QAM Bluetooth: GFSK, $\pi/4$ -DQPSK, 8-DPSK; Bluetooth LE: GFSK Wi-Fi: DSSS, OFDM; NFC: ASK GPS: BPSK; UHF: GMSK
Antenna:	SMA connector Antenna 2G/3G/4G: 1.0dBi(B1), -1.0dBi(B3), 0.5dBi(B5&B20), -1.5dBi(B7), -0.5dBi(B8) Wi-Fi/Bluetooth: 1.0dBi; GPS: 0dBi; UHF: 2.0dBi PCB Antenna NFC: 0dBi



Conformity Details

Requirement	Standard, Test Report Number, Date & Laboratory
Radio Spectrum	EN 301 511 V12.5.1 (2017-03) Test Report RSHA190605001-01B issued on 2019-09-06 by BACL, Kunshan EN 300 328 V2.1.1 (2016-11) Test Report RSHA190605001-01F/-01G issued on 2019-09-19 by BACL, Kunshan Test Report RSHA190605001-01H issued on 2019-09-16 by BACL, Kunshan EN 300 330 V2.1.1 (2017-02) Test Report RSHA190605001-01E issued on 2019-09-10 by BACL, Kunshan EN 303 413 V1.1.1 (2017-06) Test Report RSHA190605001-01I issued on 2019-09-16 by BACL, Kunshan EN 301 908-1 V11.1.1 (2016-07), EN 301 908-2 V11.1.2 (2017-08) Test Report RSHA190605001-01C issued on 2019-09-09 by BACL, Kunshan EN 301 908-1 V11.1.1 (2016-07), EN 301 908-13 V11.1.2 (2017-07), TS 136 521-1 V15.3.1 (2019-03) Test Report RSHA190605001-01D issued on 2019-09-10 by BACL, Kunshan EN 300 113 V2.2.1 (2016-12) Test Report RSHA190605001-01K issued on 2019-10-14 by BACL, Kunshan
EMC	EN 301 489-1 V2.2.1 (2019-03), EN 301489-3 V2.1.1 (2019-03), EN 301489-5 V2.2.1 (2019-04), EN 301 489-17 V3.2.0 (2017-03), EN 301 489-19 V2.1.1 (2019-04), EN 301 489-52 V1.1.0 (2016-11) Test Report RSHA190605001-02 issued on 2019-07-24 by BACL, Kunshan
Safety	EN 62368-1:2014+A11:2017 Test Report RSHA190605001-SF-01 issued on 2019-11-18 by BACL, Kunshan
Health	EN 62311:2008 Test Report RSHA190605001-01J issued on 2019-09-19 by BACL, Kunshan

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