

APPENDIX A OF TYPE EXAMINATION CERTIFICATE

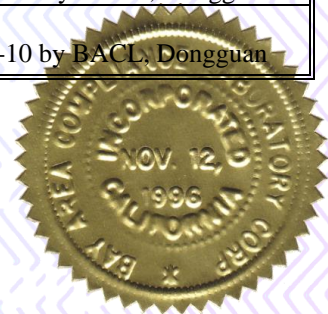
Product Characteristics

TX Frequency:	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), 703-733 MHz (B28) 2570-2620 MHz (B38), 2300-2400 MHz (B40) LoRa: 867.1-868.5 MHz Wi-Fi: 2412-2472 MHz/2422-2462 MHz
RX Frequency:	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), 758-788 MHz (B28) 2570-2620 MHz (B38), 2300-2400 MHz (B40) LoRa: 867.1-868.5 MHz Wi-Fi: 2412-2472 MHz/2422-2462 MHz GPS L1 C/A, BDS B1I: 1559-1610 MHz
ITU Designation:	GXW, F9W, G7D, G7W, D7W, G1D, D1D, F1D
Output Power:	EGSM900: 32.62 dBm (GMSK), 25.54 dBm (8PSK) DCS1800: 29.78 dBm (GMSK), 26.04 dBm (8PSK) WCDMA: 23.31 dBm (B1), 22.85 dBm (B8) LTE: 23.36 dBm (B1), 22.99 dBm (B3), 22.12 dBm (B7), 22.98 dBm (B8) 22.74 dBm (B20), 22.52 dBm (B28), 22.79 dBm (B38), 22.75 dBm (B40) LoRa: 9.52 dBm Wi-Fi: 13.46 dBm (802.11b), 13.58 dBm (802.11g), 13.16 dBm (802.11n20), 12.06 dBm (802.11n40)
Modulation:	EGSM/DCS: GMSK, 8PSK WCDMA: BPSK, QPSK, 16QAM, 64QAM LTE: QPSK, 16QAM Wi-Fi: DSSS, OFDM LoRa: FSK GPS L1 C/A, BDS B1I: BPSK
Antenna:	2G/3G/4G: PCB Antennas, 2.0 dBi Wi-Fi: PCB Antenna, 3.0 dBi LoRa: External Omni Antenna, 4.0 dBi; Internal Metal Antenna, 2.0 dBi GPS: Omni Antenna, 2.5 dBi

Conformity Details

Requirement	Standard, Test Report Number, Date & Laboratory
Radio Spectrum	EN 301 511 V12.5.1 (2017-03) Test Report XMDN220516-20735E-11A1 issued on 2022-06-10 by BACL, Dongguan EN 303 413 V1.2.1 (2021-04) Test Report XMDN220516-20735E-22CA1 issued on 2022-06-10 by BACL, Dongguan EN 301 908-1 V15.1.1 (2021-09), EN 301 908-2 V13.1.1 (2020-06) Test Report XMDN220516-20735E-22DA1 issued on 2022-06-10 by BACL, Dongguan EN 301 908-1 V15.1.1 (2021-09), EN 301 908-13 V13.1.1 (2019-11) Test Report XMDN220516-20735E-22EA1 issued on 2022-06-10 by BACL, Dongguan EN 300 220-1 V3.1.1 (2017-02), EN 300 220-2 V3.2.1 (2018-06) Test Report XMDN220516-20735E-22AA1 issued on 2022-06-10 by BACL, Dongguan EN 300 328 V2.2.2 (2019-07) Test Report XMDN220516-20735E-22BA1 issued on 2022-06-10 by BACL, Dongguan
EMC	EN 301 489-1 V2.2.3 (2019-11), EN 301 489-3 V2.2.0 (2021-11) EN 301 489-17 V3.2.4 (2020-09), EN 301 489-19 V2.2.0 (2020-09) EN 301 489-52 V1.2.1 (2021-11) Test Report XMDN220516-20735E-02A1 issued on 2022-06-10 by BACL, Dongguan
Safety	EN IEC 62368-1:2020+A11:2020 Test Report XMDN220516-20735E-SF-A1 issued on 2022-06-21 by BACL, Dongguan EN IEC 62368-3:2020 Test Report XMDN220516-20736E-SF issued on 2022-06-21 by BACL, Dongguan
Health	EN IEC 62311:2020 Test Report XMDN220516-20735EA1 issued on 2022-06-10 by BACL, Dongguan

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



Bay Area Compliance Laboratories Corp. (BACL)
 1274 Anvilwood Avenue, Sunnyvale, CA 94089, USA
 Tel: 1 (408) 732-9162 Fax: 1 (408) 732-9164 Web: www.baclcorp.com

