

## 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) Wi-Fi: 2412-2472 MHz/2422-2462 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) Wi-Fi: 2412-2472 MHz/2422-2462 MHz GPS (GPS L1 C/A, BDS B1I, Galileo E1): 1559-1610 MHz
<b>ITU Designation:</b>	GXW, G7W, F9W, D7W, G7D, G1D, D1D
<b>Output Power:</b>	EGSM 900: 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) Wi-Fi: 17.49 dBm (802.11b), 14.29 dBm (802.11g), 15.79 dBm (802.11n20), 14.99 dBm (802.11n40)
<b>Modulation:</b>	GSM&DCS: GMSK, 8PSK WCDMA: BPSK, QPSK, 16QAM, 64QAM LTE: QPSK, 16QAM Wi-Fi: DSSS, OFDM GNSS: BPSK
<b>Antenna:</b>	WWAN: Omni Antenna, 3.64 dBi (Max.) Wi-Fi: Omni Antenna, 3.89 dBi GNSS: Omni Antenna, 3.5 dBi



**Conformity Details**

Requirement	Standard, Test Report Number, Date & Laboratory
<b>Radio Spectrum</b>	EN 301 511 V12.5.1 (2017-03) Test Report XMDN220429-17582E-11 issued on 2022-08-02 by BACL, Dongguan EN 301 908-1 V15.1.1 (2021-09), EN 301 908-2 V13.1.1 (2020-06) Test Report XMDN220429-17582E-22C issued on 2022-10-24 by BACL, Dongguan EN 301 908-1 V15.1.1 (2021-09), EN 301 908-13 V13.1.1 (2019-11) Test Report XMDN220429-17582E-22D issued on 2022-08-02 by BACL, Dongguan EN 300 328 V2.2.2 (2019-07) Test Report XMDN220429-17582E-22B issued on 2022-08-17 by BACL, Dongguan EN 303 413 V1.2.1 (2021-04) Test Report XMDN220429-17582E-22A issued on 2022-08-02 by BACL, Dongguan
<b>EMC</b>	EN 301 489-1 V2.2.3 (2019-11) 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 XMDN220429-17582E-02 issued on 2022-10-10 by BACL, Dongguan
<b>Safety</b>	EN IEC 62368-1:2020+A11:2020 Test Report XMDN220429-17582E-SF issued on 2022-08-26 by BACL, Dongguan EN IEC62368-3:2020 Test Report XMDN220429-17583E-SF issued on 2022-08-26 by BACL, Dongguan
<b>Health</b>	EN IEC 62311:2020 EN 50665:2017 Test Report XMDN220429-17582E issued on 2022-08-02 by BACL, Dongguan

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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

