

TCB

GRANT OF EQUIPMENT
AUTHORIZATION

TCB

Certification

Issued Under the Authority of the
Federal Communications Commission

By:

Eurofins Electrical and Electronic Testing NA,
Inc
914 W. Patapsco Avenue
Baltimore, MD 21230-3432

Date of Grant: 07/10/2024

Application Dated: 07/10/2024

INFINIX MOBILITY LIMITED
FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL
CENTRE 19-25 SHAN MEI STREET FOTAN
NT,
Hong Kong

Attention: Jerry Liu

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID
ONLY for the equipment identified hereon for use under the Commission's Rules and
Regulations listed below.

FCC IDENTIFIER: 2AIZN-X6861

Name of Grantee: INFINIX MOBILITY LIMITED

Equipment Class: PCS Licensed Transmitter held to ear

Notes: Mobile Phone

Grant NotesFCC Rule PartsFrequency
Range (MHZ)Output
WattsFrequency
ToleranceEmission
Designator

22H	824.2 - 848.8	0.365	2.5 PM	238KGXW
22H	824.2 - 848.8	0.085	2.5 PM	254KG7W
24E	1850.2 - 1909.8	0.524	2.5 PM	238KGXW
24E	1850.2 - 1909.8	0.226	2.5 PM	250KG7W
24E	1852.4 - 1907.6	0.041	2.5 PM	4M20F9W
27	1712.4 - 1752.6	0.045	2.5 PM	4M20F9W
22H	826.4 - 846.6	0.021	2.5 PM	4M20F9W
24E	1850.7 - 1909.3	0.024	2.5 PM	1M09G7D
24E	1857.5 - 1902.5	0.024	2.5 PM	13M5G7D
24E	1860.0 - 1900.0	0.023	2.5 PM	17M9G7D
24E	1860.0 - 1900.0	0.021	2.5 PM	17M9D7W
27	1710.7 - 1754.3	0.027	2.5 PM	1M09G7D
27	1715.0 - 1750.0	0.027	2.5 PM	8M96G7D
27	1720.0 - 1745.0	0.026	2.5 PM	17M9G7D
27	1720.0 - 1745.0	0.024	2.5 PM	17M9D7W
22H	824.7 - 848.3	0.012	2.5 PM	1M10G7D
22H	824.7 - 848.3	0.01	2.5 PM	1M10D7W
22H	826.5 - 846.5	0.012	2.5 PM	4M48G7D
22H	826.5 - 846.5	0.01	2.5 PM	4M48D7W
22H	829.0 - 844.0	0.012	2.5 PM	8M94G7D
22H	829.0 - 844.0	0.01	2.5 PM	8M94D7W
27	2502.5 - 2567.5	0.029	2.5 PM	4M48G7D
27	2502.5 - 2567.5	0.026	2.5 PM	4M47D7W
27	2510.0 - 2560.0	0.027	2.5 PM	17M8G7D
27	2510.0 - 2560.0	0.024	2.5 PM	17M8D7W
27	699.7 - 715.3	0.033	2.5 PM	1M09G7D

27	699.7 - 715.3	0.027	2.5 PM	1M09D7W
27	700.5 - 714.5	0.027	2.5 PM	2M69D7W
27	704.0 - 711.0	0.032	2.5 PM	8M94G7D
27	704.0 - 711.0	0.027	2.5 PM	8M98D7W
27	706.5 - 713.5	0.026	2.5 PM	4M47D7W
27	709.0 - 711.0	0.032	2.5 PM	8M96G7D
27	709.0 - 711.0	0.026	2.5 PM	8M98D7W
27	2572.5 - 2617.5	0.052	2.5 PM	4M46D7W
27	2575.0 - 2615.0	0.061	2.5 PM	8M96G7D
27	2575.0 - 2615.0	0.052	2.5 PM	8M96D7W
27	2580.0 - 2610.0	0.06	2.5 PM	17M8G7D
27	2580.0 - 2610.0	0.048	2.5 PM	17M8D7W
27	2501.0 - 2685.0	0.031	2.5 PM	8M96D7W
27	2503.5 - 2682.5	0.031	2.5 PM	13M5D7W
27	2506.0 - 2680.0	0.029	2.5 PM	17M9G7D
27	2506.0 - 2680.0	0.03	2.5 PM	17M8D7W
27	1711.5 - 1778.5	0.027	2.5 PM	2M68G7D
27	1712.5 - 1777.5	0.024	2.5 PM	4M47D7W
27	1715.0 - 1775.0	0.027	2.5 PM	8M96G7D
27	1717.5 - 1772.5	0.027	2.5 PM	13M4G7D
27	1720.0 - 1770.0	0.026	2.5 PM	17M8G7D
27	1720.0 - 1770.0	0.023	2.5 PM	17M8D7W
27	3455.0 - 3545.0	0.044	2.5 PM	8M96G7D
27	3457.5 - 3542.5	0.044	2.5 PM	13M4G7D
27	3457.5 - 3542.5	0.038	2.5 PM	13M4D7W
27	3460.0 - 3540.0	0.044	2.5 PM	17M9G7D
27	3460.0 - 3540.0	0.036	2.5 PM	17M9D7W
22H	829.0 - 844.0	0.028	2.5 PM	9M28G7D
22H	829.0 - 844.0	0.017	2.5 PM	9M29W7D
22H	834.0 - 839.0	0.028	2.5 PM	18M9G7D
22H	834.0 - 839.0	0.017	2.5 PM	18M9W7D
27	2507.5 - 2562.5	0.015	2.5 PM	14M1G7D
27	2507.5 - 2562.5	0.009	2.5 PM	14M1W7D
27	2510.0 - 2560.0	0.013	2.5 PM	18M9G7D
27	2510.0 - 2560.0	0.008	2.5 PM	18M9W7D
27	701.5 - 713.5	0.042	2.5 PM	4M48G7D
27	701.5 - 713.5	0.027	2.5 PM	4M48W7D
27	706.5 - 708.5	0.041	2.5 PM	14M1G7D
27	706.5 - 708.5	0.027	2.5 PM	14M1W7D
27	2577.5 - 2612.5	0.111	2.5 PM	13M6G7D
27	2577.5 - 2612.5	0.069	2.5 PM	13M6W7D
27	2590.0 - 2600.0	0.095	2.5 PM	37M8G7D
27	2590.0 - 2600.0	0.058	2.5 PM	37M8W7D
27	2526.0 - 2660.0	0.08	2.5 PM	57M9G7D
27	2526.0 - 2660.0	0.049	2.5 PM	57M9W7D
27	2546.0 - 2640.0	0.079	2.5 PM	96M9G7D
27	2546.0 - 2640.0	0.049	2.5 PM	97M2W7D
27	1712.5 - 1777.5	0.049	2.5 PM	4M47G7D
27	1712.5 - 1777.5	0.031	2.5 PM	4M47W7D
27	1730.0 - 1760.0	0.047	2.5 PM	38M6G7D
27	1730.0 - 1760.0	0.028	2.5 PM	38M6W7D
27	3465.0 - 3535.0	0.037	2.5 PM	27M9G7D
27	3465.0 - 3535.0	0.023	2.5 PM	27M9W7D
27	3500.0 - 3500.0	0.023	2.5 PM	96M9G7D
27	3500.0 - 3500.0	0.014	2.5 PM	97M2W7D
27	3707.5 - 3972.5	0.03	2.5 PM	14M1G7D
27	3707.5 - 3972.5	0.019	2.5 PM	14M1W7D

27	3750.0 - 3930.0	0.026	2.5 PM	97M3G7D
27	3750.0 - 3930.0	0.016	2.5 PM	97M3W7D
27	3465.0 - 3535.0	0.024	2.5 PM	28M5G7D
27	3465.0 - 3535.0	0.015	2.5 PM	28M6W7D
27	3500.0 - 3500.0	0.014	2.5 PM	97M0W7D
27	3750.0 - 3750.0	0.044	2.5 PM	97M0G7D
27	3750.0 - 3750.0	0.027	2.5 PM	97M3W7D
27	2510.0 - 2560.0	0.039	2.5 PM	18M9G7D
27	2510.0 - 2560.0	0.026	2.5 PM	18M9W7D
27	2575.0 - 2615.0	0.093	2.5 PM	8M56G7D
27	2575.0 - 2615.0	0.082	2.5 PM	8M60W7D
27	2590.0 - 2600.0	0.061	2.5 PM	37M8G7D
27	2590.0 - 2600.0	0.062	2.5 PM	37M8W7D
27	2501.0 - 2685.0	0.046	2.5 PM	8M58G7D
27	2501.0 - 2685.0	0.046	2.5 PM	8M57W7D
27	2546.0 - 2640.0	0.038	2.5 PM	96M9G7D
27	2546.0 - 2640.0	0.037	2.5 PM	97M2W7D
27	1720.0 - 1770.0	0.027	2.5 PM	18M9G7D
27	1720.0 - 1770.0	0.028	2.5 PM	18M9W7D
27	1730.0 - 1760.0	0.027	2.5 PM	38M6G7D
27	1730.0 - 1760.0	0.027	2.5 PM	38M6W7D
27	3485.0 - 3515.0	0.04	2.5 PM	67M3G7D
27	3485.0 - 3515.0	0.04	2.5 PM	67M5W7D
27	3500.0 - 3500.0	0.034	2.5 PM	96M9G7D
27	3500.0 - 3500.0	0.034	2.5 PM	97M2W7D
27	3485.0 - 3515.0	0.046	2.5 PM	67M3G7D
27	3485.0 - 3515.0	0.046	2.5 PM	67M6W7D
27	3500.0 - 3500.0	0.028	2.5 PM	96M9G7D
27	3500.0 - 3500.0	0.028	2.5 PM	97M0W7D

Output power listed is ERP for frequencies below 1 GHz, and EIRP for frequencies above 1 GHz. It supports LTE (QPSK, 16QAM) and 5G NR Standalone and Non-standalone (CP-OFDM: QPSK, 16QAM, 64QAM, 256QAM and DFT-s-OFDM: PI/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM) LTE B2, B4, B5, B7, B12, B17, B38, B41, B42, B66. Channel Bandwidth (1.4/3/5/10 MHz) for LTE B5, B12. Channel Bandwidth (1.4/3/5/10/15/20 MHz) for LTE B2, B4, B66. Channel Bandwidth (5/10 MHz) for LTE B17. Channel Bandwidth (5/10/15/20 MHz) for LTE B7, B38, B41, B42. 5G NR n5, n7, n12, n38, n41, n66, n77, n78. Channel Bandwidth (5/10/15 MHz) for 5G NR n12. Channel Bandwidth (5/10/15/20 MHz) for 5G NR n5, n7. Channel Bandwidth (5/10/15/20/25/30/40 MHz) for 5G NR n66. Channel Bandwidth (5/10/15/20/25/30/40 MHz) for 5G NR n38. Channel Bandwidth (10/15/20/30/40/50/60/80/90/100 MHz) for 5G NR n41. Channel Bandwidth (10/15/20/30/40/50/60/70/80/90/100 MHz) for 5G NR n77. Channel Bandwidth (10/15/25/30/40/50/60/70/80/90/100 MHz) for 5G NR n78. This device supports LTE intra-band Uplink CA in the LTE Bands 5/7/38/41/66. 5G NR ENDC: DC_2A_n7A, DC_5A_n7A, DC_7A_n7A, DC_66A_n7A, DC_5A_n38A, DC_66A_n38A, DC_4A_n41A, DC_5A_n41A, DC_41A_n41A, DC_66A_n41A, DC_2A_n66A, DC_5A_n66A, DC_7A_n66A, DC_66A_n66A, DC_2A_n78A, DC_4A_n78A, DC_5A_n78A, DC_7A_n78A, DC_38A_n78A, DC_41A_n78A, DC_66A_n78A, DC_5A_n77A, DC_7A_n77A, DC_41A_n77A, DC_66A_n77A. Certification for 3GPP 5G NR bands n77/n78 operations is limited to the 3.7GHz segment under §27.5(m) and 3.45GHz segment under §27.5(o). This device contains functions that are not operational in U.S. Territories; this filing is only applicable for U.S. operations. For body worn operation, this device has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the device a minimum of 10mm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. Highest reported SAR for Head, Body-worn accessory, product specific (wireless router), and simultaneous transmission are 0.79W/kg, 0.53W/kg, 0.53W/kg, 1.40W/kg respectively.