

TCB

GRANT OF EQUIPMENT
AUTHORIZATION

TCB

Certification
Issued Under the Authority of the
Federal Communications Commission
By:

KL-Certification GmbH
Heinrich-Hertz-Allee 7
St. Ingbert, 66386
Germany

Date of Grant: 11/04/2024

Application Dated: 11/03/2024

Shenzhen OBLUE Communication Technology Co.,Ltd.
Room 702, Hepingdayou and trade industrial park,
No.41,Yonghe Road,Heping Community,Fuhai,Baoan,
Shenzhen City,,
China

Attention: Ran mengqiong

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: 2BAVY-OBA98

Name of Grantee: Shenzhen OBLUE Communication Technology
Co.,Ltd.

Equipment Class: PCS Licensed Transmitter held to ear

Notes: 5G Smart phone

Grant NotesFCC Rule Parts

	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
22H	824.2 - 848.8	0.6982	0.01 PM	245KGXW
24E	1850.2 - 1909.8	0.7362	0.01 PM	249KGXW
24E	1852.4 - 1907.6	0.2506	0.01 PM	4M16F9W
27	1712.6 - 1752.4	0.2388	0.01 PM	4M17F9W
22H	826.4 - 846.6	0.0752	0.01 PM	4M15F9W
22H	824.7 - 848.31	0.0505	0.01 PM	1M28F9W
24E	1851.25 - 1908.75	0.1426	0.01 PM	1M28F9W
24E	1860.0 - 1900.0	0.2377	0.01 PM	18M0G7D
24E	1860.0 - 1900.0	0.2032	0.01 PM	18M0W7D
24E	1852.5 - 1907.5	0.2051	0.01 PM	4M53W7D
27	1720.0 - 1745.0	0.2223	0.01 PM	18M0G7D
27	1717.5 - 1747.5	0.2223	0.01 PM	13M5G7D
27	1720.0 - 1745.0	0.195	0.01 PM	18M0W7D
27	1712.5 - 1752.5	0.195	0.01 PM	4M53W7D
22H	829.0 - 844.0	0.0785	0.01 PM	9M00G7D
22H	826.5 - 846.5	0.0785	0.01 PM	4M53G7D
22H	829.0 - 844.0	0.069	0.01 PM	9M03W7D
22H	826.5 - 846.5	0.0703	0.01 PM	4M51W7D
27	2510.0 - 2560.0	0.0938	0.01 PM	18M0G7D
27	2507.5 - 2562.5	0.0938	0.01 PM	13M5W7D
27	2510.0 - 2560.0	0.0798	0.01 PM	18M0W7D
27	704.0 - 711.0	0.0445	0.01 PM	9M02G7D
27	704.0 - 711.0	0.0385	0.01 PM	9M01W7D

27	782.0 - 782.0	0.0596	0.01	PM	8M98G7D
27	782.0 - 782.0	0.0458	0.01	PM	8M97W7D
27	779.5 - 784.5	0.0519	0.01	PM	4M51W7D
27	709.0 - 711.0	0.0444	0.01	PM	9M02G7D
27	709.0 - 711.0	0.0387	0.01	PM	8M98W7D
24E	1860.0 - 1905.0	0.2427	0.01	PM	18M0G7D
24E	1860.0 - 1905.0	0.2037	0.01	PM	18M0W7D
24E	1855.0 - 1910.0	0.2089	0.01	PM	9M01W7D
90	819.0 - 819.0	0.2642	0.01	PM	8M94G7D
90	819.0 - 819.0	0.2158	0.01	PM	8M94W7D
90	816.5 - 821.5	0.2366	0.01	PM	4M52W7D
22H	831.5 - 841.5	0.0962	0.01	PM	13M5G7D
22H	831.5 - 841.5	0.0828	0.01	PM	13M5W7D
27	2580.0 - 2610.0	0.1472	0.01	PM	18M0G7D
27	2580.0 - 2610.0	0.1279	0.01	PM	18M0W7D
27	2572.5 - 2617.5	0.1361	0.01	PM	4M52W7D
27	2310.0 - 2310.0	0.013	0.01	PM	8M99G7D
27	2310.0 - 2310.0	0.0087	0.01	PM	8M98W7D
27	2307.5 - 2312.5	0.0093	0.01	PM	4M52W7D
27	2355.0 - 2355.0	0.0116	0.01	PM	8M99G7D
27	2352.5 - 2357.5	0.0118	0.01	PM	4M52G7D
27	2355.0 - 2355.0	0.0079	0.01	PM	9M04W7D
27	2352.5 - 2357.5	0.0086	0.01	PM	4M51W7D
27	2545.0 - 2665.0	0.047	0.01	PM	18M0G7D
27	2545.0 - 2665.0	0.0427	0.01	PM	18M0W7D
27	2537.5 - 2672.5	0.0439	0.01	PM	4M52W7D
27	1720.0 - 1770.0	0.2301	0.01	PM	18M0G7D
27	1720.0 - 1770.0	0.1995	0.01	PM	18M0W7D
24E	1852.2 - 1907.5	0.1884	0.01	PM	4M51G7D
24E	1855.0 - 1905.0	0.1552	0.01	PM	9M31W7D
22H	831.5 - 841.5	0.0577	0.01	PM	14M1G7D
22H	831.5 - 841.5	0.0469	0.01	PM	14M1W7D
27	2505.0 - 2565.0	0.2128	0.01	PM	9M33G7D
27	2505.0 - 2565.0	0.1936	0.01	PM	9M35W7D
27	1857.5 - 1907.5	0.1892	0.01	PM	14M1G7D
24E	1857.5 - 1907.5	0.1574	0.01	PM	14M2W7D
90	819.0 - 819.0	0.0644	0.01	PM	9M29G7D
90	816.5 - 821.5	0.0483	0.01	PM	4M50W7D
22H	826.5 - 846.5	0.0581	0.01	PM	4M50G7D
22H	831.5 - 841.5	0.0468	0.01	PM	14M1W7D
27	2580.0 - 2610.0	0.2085	0.01	PM	18M4G7D
27	2590.0 - 2600.0	0.1675	0.01	PM	38M1W7D
27	2516.0 - 2670.0	0.2183	0.01	PM	38M2G7D
27	2516.0 - 2670.0	0.1679	0.01	PM	38M1W7D
27	1725.0 - 1765.0	0.1914	0.01	PM	29M0G7D
27	1725.0 - 1765.0	0.1589	0.01	PM	28M9W7D
27	3457.5 - 3542.5	0.278	0.01	PM	13M6G7D
27	3457.5 - 3542.5	0.2188	0.01	PM	13M7W7D
27	3750.0 - 3930.0	0.2588	0.01	PM	97M7G7D
27	3750.0 - 3930.0	0.1936	0.01	PM	97M7W7D
27	3500.0 - 3500.0	0.4027	0.01	PM	97M7G7D
27	3500.0 - 3500.0	0.3327	0.01	PM	97M7W7D
27	3750.0 - 3750.0	0.2477	0.01	PM	97M7G7D
27	3735.0 - 3765.0	0.1879	0.01	PM	68M1W7D

27	3457.5 - 3542.5	0.2825	0.01 PM	13M6G7D
27	3460.0 - 3540.0	0.2213	0.01 PM	13M7W7D
27	3735.0 - 3765.0	0.2489	0.01 PM	68M1G7D
27	3750.0 - 3750.0	0.1892	0.01 PM	97M7W7D

Output power listed is ERP for operations below 1 GHz, and EIRP for operations above 1 GHz except for Part 90S (814-824 MHz) which list conducted power.

This device supports the following LTE bands and channel bandwidths 5/10 MHz in Bands 13, 17; 5/10/15/20 MHz in Bands 7, 38, 41; 1.4/3/5/10 MHz in Bands 5, 12; 1.4/3/5/10/15 MHz in Bands 26 ; 1.4/3/5/10/15/20 MHz in Bands 2, 4, 25, 66. This device supports the following 5GNR bands and channel bandwidths: 10/15/20/40/50/60/70/80/90/100 MHz in n77, n78 (Part 27.5(m) 3.7 GHz sub-band and 27.5(o) 3.5 GHz sub-band); 10/15/20/30/40/50/60/80/90/100 MHz in Bands n41; 5/10/15/20 MHz in bands n2, n5, n7, n25, n26; 10/15/20/40 MHz in bands n38.

The highest reported SAR values for head, body-worn accessory, product specific (hot spot), and simultaneous transmission exposure conditions are 0.77 W/kg, 0.88 W/kg, 0.88 W/kg, and 1.31 W/kg respectively. To satisfy FCC RF exposure compliance requirements, body-worn operations are restricted to belt-clips, holsters or similar accessories that have no metallic component in the assembly and must provide at least 10 mm separation between the device and the user's body. End-users must be informed of the body-worn operating requirements for satisfying RF exposure compliance. This device contains functions that are not operational in U.S. Territories; filings under this FCC ID are approved only for U.S. operations.