

# Shenzhen Shengye Technology Co., Ltd.

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Huaqiao New Village Community  
Henggang Subdistrict  
Shenzhen, Guangdong  
CHINA



## DECLARATION OF FREQUENCY RANGE AND TRANSMIT POWER

Product: Knauermann SOS (2023)

Type: S10

### Occupied bandwidth

GSM ≤ 200KHz  
WCDMA ≤ 20MHz  
LED FDD ≤ 20MHz  
LED TDD ≤ 20MHz

### Transmit power

GSM 33/30dBm ± 2dB  
WCDMA 23dBm ± 2.7dB  
LTE 23dBm ± 2.7dB

### Frequency Range

GSM 850MHz: 824~849MHz  
GSM 900MHz: 890~915MHz  
DCS 1800MHz: 1710~1785MHz  
PCS 1900MHz: 1850~1910MHz  
WCDMA B1: 1920MHz-1980MHz  
2110 MHz-2170MHz  
WCDMA B2: 1850MHz-1910MHz  
1930 MHz-1990MHz  
WCDMA B5: 824MHz-849MHz  
869MHz-894MHz  
WCDMA B8: 880MHz-915MHz  
925MHz-960MHz  
LED FDD B1: 1920MHz-1980MHz  
2110 MHz-2170MHz  
LED FDD B2: 1850MHz-1910MHz  
1930 MHz-1990MHz  
LED FDD B3: 1710MHz-1785MHz  
1805MHz-1880MHz  
LED FDD B5: 824MHz-849MHz  
869MHz-894MHz  
LED FDD B7: 2500MHz-2570MHz  
2620MHz-2690MHz  
LED FDD B8: 880MHz-915MHz  
925MHz-960MHz  
LED FDD 20: 791MHz-821MHz  
832MHz-862MHz  
TD-LTE B38: 2570~2620MHz  
TD-LTE B39: 1880~1920MHz  
TD-LTE B40: 2300~2400MHz  
TD-LTE B41: 2555~2655MHz

Frequency Range 频率范围	占用带宽	发射功率
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	LED TDD ≤ 20MHz	