



CTK Co., Ltd.  
The First Leader of Global Regulatory Compliance

## CTK Co., Ltd.

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# RF EXPOSURE EVALUATION

**Applicant** : BIXOLON Co., Ltd.

**Applicant Address** : 7th~8th FL, Miraeasset Venture Tower, 685, Sampyeong-dong, Bundang-gu Seongnam-si, Gyeonggi-do, Korea

**Kind of Product** : Mobile Printer

**Equipment model name** : SPP-R200II

**RF power** : 6.263 dBm Peak Conducted

**Antenna type** : Chip antenna Gain 0.55 dBi

**Frequency Range** : 2402 - 2480 MHz

**Number of channels** : 79 CH

## \* \* MPE Calculations \* \*

No Evaluation Required if power is below this threshold. (60/f(GHz) mW)

Frequency (GHz)		mW
Middle	2.441	24.58

The MPE calculation for this exposure is shown below.

EIRP = P + G	Where, P = Conducted output power (dBm) G = Power gain of the antenna (dBi)
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Measured Transmitter Output Power(Maximum : GFSK, CH 39)

Output Power(dBm)	Antenna gain (dBi)	EIRP (dBm)	EIRP (mW)
6.263	0.55	6.813	4.8

Conclusion: No SAR evaluation required since Transmitter EIRP is below FCC threshold.