



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

## CTK Co., Ltd.

386-1, Ho-dong, Cheoin-gu, Yongin-si, Gyeonggi-do, 449-100, Korea  
Tel: +82-31-339-9970 Fax: +82-31-339-9855  
www.e-ctk.com

# 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-R300

**RF power** : -0.754 dBm Peak Conducted

**Antenna type** : Chip antenna

**Antenna Gain** : -0.47 dBi

**Frequency Range** : 2402 - 2480 MHz

**Number of channels** : 79 CH



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

No Evaluation Required if power is below this threshold.  $(60/f(\text{GHz})) \text{ mW}$

Frequency (GHz)		mW
Highest	2.480	24.19

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 : 8-DPSK, CH 78)

Output Power(dBm)	Antenna gain (dBi)	EIRP (dBm)	EIRP (mW)
-0.754	-0.47	-1.224	0.754

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