



CTK Co., Ltd.
The Power 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 : Thermal transfer label printer

Equipment model name : SLP-T40*R

Antenna type : Dipole antenna Gain -10.455 dBi

Frequency Range : 902.75 – 927.25 MHz

Number of channels : 50 CH



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** MPE Calculations **

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

Frequency (MHz)		mW
LoW	902.75	3.209
High	927.25	

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 : ASK, CH 50)

Output Power(dBm)	Antenna gain (dBi)	EIRP (mW)
5.064	-10.455	0.289

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