

FCC RF EXPOSURE REPORT

FCC ID: P27SZWTD02N

Project No. : 1507162
Equipment : Zigbee Water Sensor
Model : SZ-WTD02Nxxxxxxxx (the 1st x should be “blank” or “-”; the rest x could be 0 to 9, A to Z, “blank” or “-”, for marking purpose)
Applicant : Sercomm Corporation
Address : 8F, No. 3-1, YuanQu St., NanKang, Taipei, Taiwan 115

According: : FCC Guidelines for Human Exposure IEEE C95.1

BTL Inc.

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Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)
1	SERCOM	SZ-WTD02	Internal	N/A	3.51

GENERAL CONCLUSION:

Maximum measured transmitter power:

OutputPower (dBm)	Output Power (mW)	Limit (mW)
3.53	2.3	10

According to FCC KDB447498 V05, Appendix A, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm

The maximum measured output peak power of this EUT is 2.3mW, less than 10mW at 5mm distance.

Conclusion: No SAR evaluation required since transmitter power is below FCC threshold