FCC RF EXPOSURE REPORT

FCC ID: 2AACP-0BK1

Project No.	**: 1408C163**
Equipment	**: Transit XS**
Model	**: BK1**
Applicant	**: Strata Audio LLC**
Address	**: 31368 Via Colinas, Suite 106, Westlake Village, California 91362, United States**
According:	**: FCC Guidelines for Human Exposure IEEE C95.1**

BTL Inc.

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MPE CALCULATION METHOD:

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRP}{4\pi r^2}$$

where:
S = power density
P = power input to the antenna
G = power gain of the antenna in the direction of interest relative to an isotropic radiator
R = distance to the center of radiation of the antenna

Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	Printed	N/A	-1.72

GENERAL CONCULUSION:

Maximum measured transmitter power:

Output Power (dBm)	Output Power (mW)	Limit (mW)
5.45	3.5	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 3.5 mW, less than 10mW at 5mm distance.

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