

FCC ID: ITQ-CMW-300ST

TCB
BABT Product Service
4855 Patrick Henry Drive, Building 6
Santa Clara CA 95054

Declaration of Compliance to RF Exposure Limits for Humans

The 300ST Transmitter complies with the RF exposure limits for humans as called out in 2.1091 (mobile >20 cm) or 2.1093 (portable <20 cm). The 300ST Transmitter is used to locate underground cables. It is exempt from RF Evaluation based on its operating frequency of 29.4 kHz, and output power of 115 microwatts based on $TP = (FS \times D)^2 / 30 \times 1.64$, $(2511 \mu\text{V}/\text{m} \times 30)^2 / 30 \times 1.64$. This would be less than the 1.5 watt requirement for a mobile device and the 200 mW requirement for a portable device operating at 29.4 kHz.



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