



MAXIMUM PERMISSIBLE EXPOSURE

Products: TRANSMITTER FOR AUTOMATIC DOOR SAFETY EDGES
Model: RB-TX10
FCC ID: U5Z-RB-TX10

Nominal frequencies : 902,30 MHz
915,65 MHz
927,70 MHz

Acceptance limits	F/1500 mW/cm ² on range 300 – 1500 MHz 1 mW/cm ² on range 1500 – 10000 MHz
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Maximum permissible exposure for maximum measured power level				
Frequency (MHz)	Maximum measured power (dBμV/m)	Maximum measured power (dBm)	Power Density at 20 cm (mW/cm ²)	Power Density Limit (mW/cm ²)
902,30	68,80	-26,43	4,53E-07	0,602
915,65	68,68	-26,55	4,40E-07	0,610
927,70	67,83	-27,40	3,62E-07	0,618

Remarks: Power Density = $(P \times G) / (4\pi R^2)$

Maximum permissible exposure for declared maximum specified power			
Operating frequency range (MHz)	Maximum specified power (dBm)	Power Density at 20 cm (mW/cm ²)	Power Density Limit (mW/cm ²)
902 – 928	5,00	6,29E-04	0,601

Remarks: Power Density = $(P \times G) / (4\pi R^2)$

Thiene, May 18th, 2017

Ing. Renzo Beghetto
(Laboratory Manager)