

Test Result of RF Exposure Evaluation

- . Product: UHF RFID Reader
- . Model No.: YRU-150
- . Test Item: RF Exposure Evaluation Data
- . Frequency Range: 902~928MHz

Output Power into Antenna & RF Exposure Evaluation Distance

Test Date : Nov. 14, 2016 Temperature : 23°C
Atmospheric pressure : 1015 hPa Humidity : 64%

Modulation Mode	Frequency Band (MHz)	Max. Conducted output power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)
ASK	903.24	24.27	7	20	0.2665	0.6021
ASK	914.76	24.41	7	20	0.2753	0.6098
ASK	926.76	24.52	7	20	0.2823	0.6178

The Max MPE is calculated as $0.2823 \text{ mW} / \text{cm}^2 < \text{limit } 0.6178 \text{ mW} / \text{cm}^2$. So, RF exposure limit warning or SAR test are not required.