

4.10	RF Exposure Compliance		
Reference Standard:	<input checked="" type="checkbox"/> IEEE Std 1528a <input checked="" type="checkbox"/> RSS 102, Issue 4 <input checked="" type="checkbox"/> KDB 447498 <input type="checkbox"/> KDB <input checked="" type="checkbox"/> FCC Parts 2.1091 and 2.1093 <input type="checkbox"/> OET 65		<input checked="" type="checkbox"/> MPE <input type="checkbox"/> SAR Evaluation
Frequency Range:	<input checked="" type="checkbox"/> 902-928MHz		
Antenna Separation Distance	>100cm	>20cm	
Antenna Model:	MT-262006/TRH/A	A1001	
Antenna Gain (maximum)	7dBi (5.01 numeric gain)	-20dBi (0.01 numeric gain)	
Maximum Output Power at antenna terminal	29dBm (794mW)	30dBm (1000mW)	
Power Density	0.032 mW/cm ²	0.002 mW/cm ²	
GENERAL POPULATION/UNCONTROLLED LIMIT			
FCC/RSS102	0.610 mW/cm ² at 915MHz		

Note:	The highest RF output power of the unit was measured and recorded. According to §1.1310 of the FCC rules, the power density limit for General population/Uncontrolled Exposure is 0.610 mW/cm ² . The MPE shall be calculated at 20cm to show compliance with the power density limit. The following formula was used to calculate the Power Density: $S=PG/4\pi R^2$
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