

4.10 RF Exposure Compliance			
<b>Reference Standard:</b>		<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 [REDACTED] <input checked="" type="checkbox"/> FCC Parts 2.1091 and 2.1093 <input type="checkbox"/> OET 65	
<b>Frequency Range:</b>		<input checked="" type="checkbox"/> 902-928MHz	
<b>Antenna Separation Distance</b>		>100cm	>20cm
<b>Antenna Model:</b>		MT-262006/TRH/A	
<b>Antenna Gain (maximum)</b>		7dBi (5.01 numeric gain)	-20dBi (0.01 numeric gain)
<b>Maximum Output Power at antenna terminal</b>		29dBm (794mW)	30dBm (1000mW)
<b>Power Density</b>		0.032 mW/cm <sup>2</sup>	0.002 mW/cm <sup>2</sup>
GENERAL POPULATION/UNCONTROLLED LIMIT			
<b>FCC/RSS102</b>		0.610 mW/cm <sup>2</sup> at 915MHz	

<b>Note:</b>	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 <sup>2</sup> . 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: $S=PG/4\pi R^2$
--------------	--