

**5.0 RF Exposure Compliance Requirement**

Test Requirement: FCC part 15 section 15.247 (i)  
 Test Method: FCC part 1 section 1.1307 (b1)  
 OET Bulletin 65, Edition 01-01  
 KDB 447498v05

**Results: PASS**

Systems operation under the provision of this section shall be operated in a manner that ensures the public is not exposed to radio frequency energy levels in excess of the Commission's guideline,

The EUT is considered as a portable device according to OET Bulletin 65, Edition 01-01, As per user manual, distance to human body of min. 5mm is determined.

Frequency Band:	2.400GHz ~2.4835GHz
Device Category:	<input checked="" type="checkbox"/> Portable (< 20cm separation ) <input type="checkbox"/> Mobile (>20cm separation ) <input type="checkbox"/> Others :
Exposure Classification:	<input type="checkbox"/> Occupational/ Controlled exposure <input checked="" type="checkbox"/> General Population / Uncontrolled exposure
Max Transmit Power	0.31mW
Antenna Gain	dBi ( Numeric gain:1)
Evaluation Applied:	<input type="checkbox"/> MPE Evaluation <input checked="" type="checkbox"/> SAR Exempt <input type="checkbox"/> SAR Evaluation

MPE calculation:

The maximum radiated power (EIRP) = the maximum output power+ antenna gain  
 = -5.079dBm+0dBi  
 =-5.079dBm  
 =0.31mW

According to KDB 447498 D01 V05 Clause 4.3.1

$$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}]$$

=0.31/5\*1.55=0.10<3.0

So there is no need to perform the SAR testing.