

1. Safety Human exposure

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:
Passed

Test standard : FCC KDB Publication 447498 10 D01v05

According to KDB447498 10 D01v05:

SAR evaluation, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

 The enclosure of the device provides ≥ 2.5 cm separation from the antenna elements to significant metal parts of the enclosure to minimize potential perturbations.

 Frequency Band: 2400-2483.5 MHz
 Maximum Power fed to Antenna: 2.29 mW

Separation distances:

Antenna feed center to metal parts of enclosure:	N/A
Antenna feed center to outside surface of enclosure:	> 2.5 mm
Distance prescribed in user manual:	> 0 mm
Distance used for evaluation:	> 2.5 mm

MHz	2.5	5	10	15	20	25	mm
2450	4.8	10	19	29	38	48	SAR Test Exclusion Threshold (mW)

MHz	30	35	40	45	50	mm
2450	57	67	77	86	96	SAR Test Exclusion Threshold (mW)

MHz	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	mm
2450	96	196	296	396	496	596	696	796	896	996	1096	1196	1296	1396	1496	mW