

RF Exposure (FCC ID: RW9EUTB-745N)

Applicable Standard

According to §1.1307(b)(5), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline. This is a Portable device. **KDB447498 D01 General RF Exposure Guidance v05r01 was used as the guidance.**

SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm

Approximate SAR Test Exclusion Power Thresholds at Selected Frequencies and Test Separation Distances are illustrated in the following Table.

MHz	5	10	15	20	25	mm
150	39	77	116	155	194	SAR Test Exclusion Threshold (mW)
300	27	55	82	110	137	
450	22	45	67	89	112	
835	16	33	49	66	82	
900	16	32	47	63	79	
1500	12	24	37	49	61	
1900	11	22	33	44	54	
2450	10	19	29	38	48	
3600	8	16	24	32	40	
5200	7	13	20	26	33	
5400	6	13	19	26	32	
5800	6	12	19	25	31	

Maximum technical output power(AV): 802.11b			
802.11b	802.11g	802.11n HT20	802.11n HT40
Maximum technical output power(AV) (dBm)	Maximum technical output power(AV) (dBm)	Maximum technical output power(AV) (dBm)	Maximum technical output power(AV) (dBm)
9.80	6.00	6.50	5.00

Refer to KDB447498 D01 General RF Exposure Guidance v05r01 Appendix A, you see that for Maximum technical output power (AV) is 9.80dBm (<10dBm), so no SAR is required.