

# RF Exposure (FCC ID: 2ACJAPLT7100G)

## 1.1 Applicable Standard

KDB 447498 D01 General RF Exposure Guidance v05r02

## 1.2 SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and $\leq 50$ 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	

### 1.3 Maximum measured transmitter Conducted Power

Channel	Frequency (MHz)	Data Rate (Mbps)	Conducted Power (dBm)	Mode
Low	2412	1	8.65	802.11b
Mid	2437	1	8.20	
High	2462	1	<b>9.27</b>	
Low	2412	6	7.77	802.11g
Mid	2437	6	7.71	
High	2462	6	6.29	
Low	2412	6.5	7.67	802.11n HT20
Mid	2437	6.5	7.67	
High	2462	6.5	5.78	
Low	2422	13.5	6.79	802.11n HT40
Mid	2437	13.5	6.61	
High	2452	13.5	6.15	

### 1.4 measured conclusion

Refer to KDB 447498 D01 General RF Exposure Guidance v05r02 Appendix A, We

can draw the conclusion that:

The Maximum measurement Conducted Output Power is 9.27dBm <10dBm (10mW),

and the Maximum Output Power is 9.5dBm < 10dBm (10mW).

So SAR evaluation is not required.