## **FCC RF Exposure**

FCC ID: 2AAMVBTM100

Frequency: 2402-2480 MHz (79 channels) Mid-Channel: 2.441 GHz (channel 39)

Mid-Channel Peak Power, Conducted: 5.18 dBm == 3.3 mW

Antenna Gain: G = 0 dBi

Peak, Radiated = 5.18 dBm + 0 dBi = 5.18 dBm = 3.3 mW

SAR Test Exclusion Thresholds specified in KDB447498 Appendix A:

MHz	5	10	15	20	25	mm
150	39	77	116	155	194	111111
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	SAR Test
1900	11	22	33	44	54	Exclusion Threshold (mW)
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	
MHz	30	35	40	45	50	mm
150	232	271	310	349	387	
300	164	192	219	246	274	
450	134	157	179	201		
835			1/9	201	224	
655	98	115	131	148	224 164	
900	98 95	115 111				GAP To
			131	148	164	SAR Test
900	95	111	131 126	148 142	164 158	Exclusion
900 1500	95 73	111 86	131 126 98	148 142 110	164 158 122	
900 1500 1900	95 73 65	111 86 76	131 126 98 87	148 142 110 98	164 158 122 109	Exclusion
900 1500 1900 2450	95 73 65 57	111 86 76 67	131 126 98 87 77	148 142 110 98 86	164 158 122 109 96	Exclusion
900 1500 1900 2450 3600	95 73 65 57 47	111 86 76 67 55	131 126 98 87 77 63	148 142 110 98 86 71	164 158 122 109 96 79	Exclusion

## **Evaluation:**

The Calculated Radiated Peak output power is taken as worst case, and this emission level appears to be far under the maximum allowed emission level at even the closest distance for 2.4G device specified in this table.

## **Conclusion:**

The emitted power appears to be (far) below the required limit, so PASS.