

## Declaration of RF Exposure Compliance for Exemption from Routine Evaluation Limits

FCC ID: **2ACVU-D2**

Type of Device: **USB-Wireless-Dongle**

**SAR test requirements for typical exposure conditions:**

- 4.2.1 Head exposure conditions
- 4.2.2 Body-worn accessory conditions
- 4.2.2 Extremity exposure conditions

<input checked="" type="checkbox"/>	447498 D01 General RF Exposure Guidance v06 applied
<input checked="" type="checkbox"/>	(Appendix A) - SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm
<input type="checkbox"/>	(Appendix B) - SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and > 50 mm
<input type="checkbox"/>	(Appendix C) - SAR Test Exclusion Thresholds for < 100 MHz and < 200 mm
<input type="checkbox"/>	(Appendix D) - Applying Estimated SAR for Simultaneous Transmission SAR Test Exclusion

<input type="checkbox"/>	447498 D04 Interim General RF Exposure Guidance v01 applied
<input type="checkbox"/>	(Appendix A) - General Process to Determine RF Exposure Compliance
<input type="checkbox"/>	(Appendix B) - Exemptions for Single RF Sources
<input type="checkbox"/>	(Appendix C) - Simultaneous Transmission SAR Test Exemption with Respect to Multiple Exemption Criteria
<input type="checkbox"/>	(Appendix D) - RF Energy Coupling Enhancement Condition
<input type="checkbox"/>	(Appendix E) - SAR Estimations for Simultaneous Transmission Test Exemptions

The minimum separation distance to the integrated EUT antenna: **~5 mm.**

Therefore the applicable SAR exemption limit for 2.4 GHz operations is **~ 10 mW**

**Appendix A - SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm**

MHz	5	10	15	20	25	mm
150	39	77	116	155	194	<i>SAR Test Exclusion Threshold (mW)</i>
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 Output Power taken from original Test Report HM20080027

– max Fundamental Field Strength 79.1 dBμV/m@3m ~ **0.024 mW (EIRP) < 10 mW**

**Conclusion: The SAR exemption Limit is well met.**