

Produkte  
 Products

**RF Exposure Statement: 50074905 002**

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**Test item:** PADRONE DIGITAL

**Identification:** CC-PA400B

**FCC Requirement**

According to KDB 447498 D01 v06, SAR evaluation specified in FCC 2.1093 is not required for portable equipment if the transmitter power is below the following threshold for 100MHz to 6GHz:

Highest Frequency of Transmitter Tunable Range F [GHz]	Min. Test Separation Distance D [mm]	1-g SAR Test Exclusion Threshold (3.0 · D / √F) + X [mW]	10-g SAR Test Exclusion Threshold (7.5 · D / √F) + X [mW]
2.480	5	9.525	23.813

Note: X = 0 for D (in mm) ≤ 50mm:  
 $X = (D - 50\text{mm}) \cdot (1000 \cdot F / 150)$  for D (in mm) > 50mm and F (in GHz) in the range 0.1 to 1.5GHz  
 $X = (D - 50\text{mm}) \cdot 10$  for D (in mm) > 50mm and F (in GHz) in the range 1.5 to 6GHz

**ISED Requirement**

According to RSS-102 (Issue 5), clause 2.5.1, no SAR evaluation is required if the transmitter has a minimum separation distance to the user less than or equal to 20cm and has an output power (both conducted and e.i.r.p.) below the following threshold:

Equipment Use	Transmitter Frequency Range	Separation distance [mm]	SAR Evaluation Threshold [mW]
General Public Use	2402 – 2480GHz	≤5	4

**Measurement Result**

The maximum measured transmitter power is given in the following table:

Conducted Output Power [mW]	Maximum Antenna Gain [dBi]	EIRP Output Power [mW]
0.7031	-4.53	0.2477

**Conclusion**

SAR evaluation is not required since the maximum transmitter output power (both conducted and e.i.r.p.) is below the FCC and ISED thresholds.

Refer to test report 50074905 001 for more details.