



FCC RF Exposure

EUT Description: Pet treat camera

Model No.: LMC-001, LMC-002, LMC-003, LMC-004

FCC ID: 2AXAZ-LMC001

1. Limits

According to KDB 447498 D01 General RF Exposure Guidance v06 The 1 - g and 10 - g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:
$$[(\text{max power of channel, including tune - up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$$
 for 1 - g SAR and ≤ 7.5 for 10 - g extremity SAR,

Where:

Result = $P/D \cdot \sqrt{F}$

F = the RF channel transmit frequency in GHz

P = Maximum turn - up power in mw

D = Min. test separation distance in mm

2. Test Result of RF Exposure Evaluation

2.4G

	Output power (dBm)	Tune Up Power (dBm)	Max Tune Up power dBm/mW	Min test separation distance mm	Result	Limit	SAR Test Exclusion
2.4Gwifi	8.49	7.5 ± 1	8.5/7.079	5	2.193	3.0	Pass
5.2Gwifi	5.38	4.5 ± 1	5.5/3.548	5	1.618	3.0	Pass
5.8Gwifi	5.43	4.5 ± 1	5.5/3.548	5	1.709	3.0	Pass

Note:

PK Output power = conducted power.

Conducted power see the test report **HK2007312218-1E/2E/3E**, antenna gain = 3dBi

Per KDB 447498 D01, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion. The test exclusion threshold is 2.222 which is ≤ 3 , SAR testing is not required.

Note: Exclusion Thresholds Results = $[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}]$

$f(\text{GHz})$ is the RF channel transmit frequency in GHz

Distance = 5mm

Note: 2.4G WIFI and 5G WiFi cannot transmit at the same time