

	RF Exposure Evaluation	FCC ID:2BSSW-L20
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RF Exposure Evaluation

1.Calculated Result and Limit

EUT Description:MICRO CAM
ModelNo.:L20
FCC ID: 2BSSW-L20
Equipment type: Portable Device

Test Procedure

According to KDB 447498 D01 General RF Exposure Guidance v06 and 2.1093

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:

$$\frac{[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}]}{\leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR,}}$$

Where f(GHz) is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

Test Result of RF Exposure Evaluation

Modulation	Output power (dBm)	Output power (mW)	Antenna Gain (dBi)	Result calculation	SAR Exclusion threshold	SAR Test exclusion
802.11b	3.99	2.5061	3.5	0.7825	3.0	Yes
802.11g	3.94	2.4774	3.5	0.7775	3.0	Yes
802.11n(20MHz)	3.52	2.2491	3.5	0.7022	3.0	Yes

Conclusion: So, SAR test is not required

-----End of RF Exposure Evaluation -----