

FCC ID : AK8PCG1111L

No simultaneous SAR justification

Per “616217 D03 SAR Supp Note and Netbook Laptop v01” , Test mode of SAR is as below

Test mode	Test channel	Max sar value (W/kg)	Remark
CDMA	Low ,middle, High	0.325	Na
11 b	Low ,middle, High	0.015	Conducted power of 11g / 11n 20 / 11 n 40 are less than 60/f(GHz), SAR test of these 3 modes are unnecessary.
Bluetooth	na	na	Distance between Bluetooth and CDMA antenna is 23.57 cm > 5cm and highest output power is 2.8 mW < 60/f(GHz) mW. Therefore, stand-alone SAR is unnecessary

Max SAR value of each mode :

Test mode	Max sar value of body (W/kg)
CDMA850	0.106
CDMA 1900	0.325
11 b/g	0.015
Bluetooth	0

Distance between antennas (mm) :

	CDMA	WLAN	BT
CDMA		20.25	90
WLAN	20.25		23.57
BT	90(note1)	23.57(note1)	

Note

- 1) Distance between is based on that the angle of panel is 90 degree
- 2) Please refer to” OpDes-Antenna_ AK8PCG1111L “ for antenna separation distance

Conclusion:

1. Min Antenna Separation is 9cm > 5cm
2. Sum of SAR is 0.34W / kg less than 1.6 W/kg

Accordingly, simultaneous Transmission SAR is not required for this EUT