FCC ID : NM8WHIT100

No simultaneous SAR justification

Per "648474 D01 SAR Handsets Multi Xmiter and Ant, v01r05", Test mode of SAR is as below

Test mode	Test channel	Max sar value (W/kg)	Remark
CDMA	Low ,middle, High	1.34	NA
11 b/g	Highest power	0.097	less than 0.8W/kg , other channels is unnecessary
Bluetooth	NA	NA	Distance between Bluetooth and CDMA antenna is 8.5 cm > 5cm and highest output power is 0.83 mW < 60/f(GHz) mW. Therefore, stand-alone SAR is unnecessary

Max SAR value (W/ kg) of each mode :

Test mode	Head	Body
CDMA 850	0.498	0.388
CDMA 1900	1.34	0.467
11 B/G	0.097	0.017
Bluetooth	na	na

Distance between antennas (cm) :

	CDMA	WLAN	BT
CDMA		8.5	8.5
WLAN	8.5		0
BT	8.5	0	

Note

1) The EUT used the same antenna for Wireless LAN & Bluetooth function, but the two functions CAN NOT be used at the same time.

2) Please refer to" OpDes-Antenna_ NM8WHIT100 " for antenna separation distance

Conclusion:

1. Antenna Separation is 8.5cm > 5cm
2. Sum of SAR is 1.34 + 0.097 = 1.437 W / kg < 1.6 W / kg

Accordingly, simultaneous Transmission SAR is not required for this EUT