

FCC ID : NM8DIAM400

No simultaneous SAR justification

Per “ 648474 D01 SAR Handsets Multi Xmitter and Ant v01r03”, Test mode of SAR is as below :

License device:

Low, middle, and high channels are tested.

Unlicensed device (11b/g):

Highest output power channel of 11b / g mode are tested and max SAR is 0.188 W/kg < 0.8 W/kg, SAR evaluation for other channels is unnecessary. Unlicensed device (Bluetooth):

Distance between Bluetooth antenna and Mobile phone antenna is 8.07 cm > 5 cm and highest output power is 1.178mW < 2 x 12mW (Pref), stand-alone SAR is unnecessary.

Per “648474 D01 SAR Handsets Multi Xmitter and Ant v01r03”, EUT complies with following condition:

- 1) Distance between GSM and 11b/g antenna is 8.07cm > 5cm
Distance between GSM and Bluetooth antenna is 8.07 cm > 5cm
 - 2) Sum of SAR is 1.041 W/kg < 1.6 W/kg
- Accordingly, simultaneous Transmission SAR is not required for this EUT.

Please refer to” OpDes-Antenna_ NM8DIAM400 “ for TX separation distance and individual SAR value. Separation distance (cm)

| | GSM | WLAN | Bluetooth |
|------------------|------------|-------------|------------------|
| GSM | | 8.07 | 8.07 |
| WLAN | 8.07 | | 0 |
| Bluetooth | 8.07 | 0 | |

Note :The EUT used the same antenna in Wireless LAN & Bluetooth function, but the two functions can not work at the same time.

SAR value (W/kg)

| TX | Max SAR (W/kg) for Head | Max SAR (W/kg) for Body |
|-------------|--------------------------------|--------------------------------|
| GSM | 0.853 | 0.488 |
| WLAN | 0.188 | 0.036 |