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To FCC

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**Overall Assessment Letter for Coolpad 8166G2**  
**FCC id: R38YL8166G2**

I have reviewed this composite application and find it compliant.

This is an application for a GSM 850 / GSM 900 / DCS 1800 / PCS 1900 Mobile Phone. The only relevant US Frequencies used are 850 MHz GSM (Part 22H) and 1900 MHz GSM (Part 24E).

No peripherals were included in the application form and therefore no application for a JBP grant was made. The applicant has provided the necessary Part 15B test report, test set-up photos and block diagram for the filing.

Please note the following:

1: SAR

Body SAR was tested in front facing and rear facing device configurations with 15mm spacing in both the GSM 850 and PCS 1900 configurations. Body SAR testing in GPRS test modes as also included in the assessment. A hands-free set was connected for Body SAR testing in the worst case GSM configuration.

The highest reported SAR values were:

Head: GSM 850 (middle channel) Mode - Right Cheek touch – 0.106 W/kg;  
Body: GPRS 850 (middle channel) Mode - face away from Body - 0.214 W/kg (15mm spacing);  
Head: PCS 1900 (low channel) Mode – Right Tilt – 0.619 W/kg;  
Body: GPRS 1900 (middle channel) Mode - face away from Body - 0.622 W/kg (15mm spacing).

2: Co-transmission

The unit contains two GSM modules which do not transmit into the networks at the same time. When one line is transmitting the other is idle and if an incoming call arrives on the idle line a handover protocol is initiated to prevent both modules operating simultaneously.

Yours sincerely



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