

FCC ID : UZ7MC9596

No simultaneous SAR justification

Per “ 648474 D01 SAR Handsets Multi Xmitter and Ant, v01r05” , Test mode of SAR is as below

Test mode	Test channel	Max sar value (W/kg)	Remark
GSM WCDMA	middle	0.451	less than 0.8W/kg , other channels is unnecessary
11 b/g	Highest power	0.084	less than 0.8W/kg , other channels is unnecessary
11a	Highest power	0.078	less than 0.4W/kg , other channels is unnecessary
Bluetooth	na	na	Distance between Bluetooth antenna and Wlan antenna is 3.798 cm > 2.5 cm < 5cm and highest output power is 1.549 mW < 60/f(GHz) mW .Therefore, stand-alone Sar is unnecessary

Max sar value of each mode :

Test mode	Max sar value of head (W/kg)	Max sar value of body (W/kg)
GSM WCDMA	0.451	0.274
11 b/g	0.084	0.049
11a	0.078	0.072
Bluetooth	na	na

Distance between antennas (cm) :

	GSM WCDMA	WLAN 1	WLAN2	BT
GSM WCDMA		14.651	14.123	9.248
WLAN 1	14.651		5.362	3.798
WLAN 2	14.123	5.362		6.754
BT	9.248	3.798	6.754	

Note : Please refer to” OpDes-Antenna_ UZ7MC9596 “ for antenna separation distance

Conclusion:

Sum of SAR is 0.535 W / kg less than 1.6 W/kg

Accordingly, simultaneous Transmission SAR is not required for this EUT