

# FCC ID : UZ7MC3190

## No simultaneous SAR justification

Per “447498 D01 Mobile Portable RF Exposure v03r03”

### Test mode of SAR is as below

Test mode	Test channel	Max sar value ( W/kg )	Remark
11 b/g	Highest power	0.090	less than 0.8W/kg , other channels is unnecessary
11a 5180~5240MHz	Highest power	0.286	less than 0.8W/kg , other channels is unnecessary
11a 5260~5320MHz	Highest power	0.551	less than 0.8W/kg , other channels is unnecessary
11a 5500~5700MHz	Highest power	0.394	less than 0.4W/kg , other channels is unnecessary
11a 5745~5825MHz	Highest power	0.315	less than 0.8W/kg , other channels is unnecessary
Bluetooth	na	na	*Distance between Bluetooth antenna and WLAN antenna is 3.77 cm > 2.5 cm < 5cm and highest output power is 2.449 mW < 60/f(GHz) mW .Therefore, stand-alone SAR is unnecessary

\* FCC agree that this device is OK to apply KDB 648474 to determine SAR evaluation requirements

### Distance between antennas ( cm )

	WLAN MAIN	WLAN AUX	BT
WLAN MAIN		5.75	3.77
WLAN AUX	5.75		4.34
BT	3.77	4.34	

Note : Please refer to” OpDes-Antenna\_ UZ7MC3190 “ for antenna separation distance

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## Max SAR value of each type

Test mode	Max sar value of body( W/kg )		
	R Type	S Type	G Type
11 b/g	0.052	0.09	0.058
11a	0.163	0.087	0.551
Bluetooth	0	0	0

\* WLAN 2.4 GHz and 5GHz can not transmit at the same time.

## Conclusion

Sum of SAR is 0.551 W / kg less than 1.6 W/kg

Accordingly, simultaneous Transmission SAR is not required for this EUT