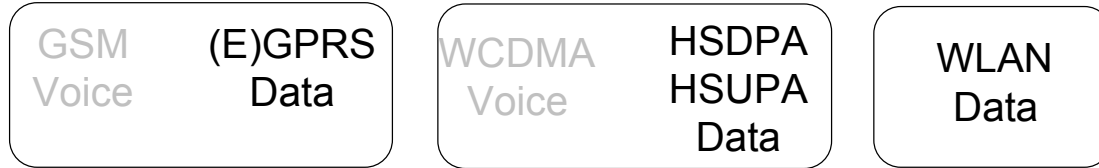


## Simultaneous Transmission Analysis

The Device has support hotspot capability.

The three radios are separate transmitters, (E)GPRS Data + WLAN Data and HSDPA/HSUPA can transmit simultaneously in any operating configurations or wireless mode combinatic



Amp#1									
Simult Tx	Configuration	GPRS850	WLAN SAR	Σ SAR (mW/g)	Simult Tx	Configuration	GPRS1900	WLAN SAR	Σ SAR (mW/g)
Body SAR	Body	0.368	0.131	<b>0.499</b>	Body SAR	Body	0.402	0.131	<b>0.533</b>
Simult Tx	Configuration	WCDMA BI	WLAN SAR	Σ SAR (mW/g)	Simult Tx	Configuration	WCDMA BW	WLAN SAR	Σ SAR (mW/g)
Body SAR	Body	0.534	0.131	<b>0.665</b>	Body SAR	Body	0.522	0.131	<b>0.653</b>

Amp#2									
Simult Tx	Configuration	GPRS850	WLAN SAR	Σ SAR (mW/g)	Simult Tx	Configuration	GPRS1900	WLAN SAR	Σ SAR (mW/g)
Body SAR	Body	0.466	0.131	<b>0.597</b>	Body SAR	Body	0.512	0.131	<b>0.643</b>

Amp#1									
Simult Tx	Configuration	GPRS850	WLAN SAR	Σ SAR (mW/g)	Simult Tx	Configuration	GPRS1900	WLAN SAR	Σ SAR (mW/g)
Interim SAR	Back side	0.422	0.297	<b>0.719</b>	Body SAR	Back side	0.684	0.297	<b>0.981</b>
Simult Tx	Configuration	HSDPA BI	WLAN SAR	Σ SAR (mW/g)	Simult Tx	Configuration	HSDPA BW	WLAN SAR	Σ SAR (mW/g)
Interim SAR	Back side	1.08	0.297	<b>1.377</b>	Body SAR	Back side	0.272	0.297	<b>0.569</b>

Amp#2									
Simult Tx	Configuration	GPRS850	WLAN SAR	Σ SAR (mW/g)	Simult Tx	Configuration	GPRS1900	WLAN SAR	Σ SAR (mW/g)
Interim SAR	Back side	0.646	0.297	<b>0.943</b>	Body SAR	Back side	1.14	0.297	<b>1.437</b>

### Simultaneous Transmission Conclusion:

The above numerical summed SAR calculations were found to be below the SAR limit. Therefore, the above analysis sufficient to determine that simultaneous transmission case will not exceed the SAR limit. Therefore, no volumetric SAR summation is required since the numerical sums are below the limit.

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