

Appendix J. Analysis of Simultaneous Transmission SAR and TER.

The analysis of simultaneous transmission SAR are shown as below.

<Possibilities of Simultaneous Transmission>

The simultaneous transmission possibilities for this device are listed as below.

Simultaneous TX Combination	Capable Transmit Configurations	Body Exposure Condition
A	WLAN 5G_Ant 0 + BT_Ant 1	Yes
B	WLAN 5G_Ant 1 + BT_Ant 1	Yes
C	WLAN 5G_MIMO + BT_Ant 1	Yes
D	WLAN 6E_Ant 0 + BT_Ant 1	Yes
E	WLAN 6E_Ant 1 + BT_Ant 1	Yes
F	WLAN 6E_MIMO + BT_Ant 1	Yes
Notes	1. The WLAN 2.4G and WLAN 5G cannot transmit simultaneously.	

Simultaneous Transmission SAR Evaluation (Body)

Position	1	2	3	4	A(1+4)	B(2+4)	C(3+4)
	WLAN 5GHz Ant 0	WLAN 5GHz Ant 1	WLAN 5GHz Ant 0+1	BT Ant 1	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg			
Front Face	0.74	0.70	0.74	0.10	0.84	0.80	0.84
Rear Face	0.19	0.30	0.26	0.10	0.29	0.40	0.36
Left Side	0.22	0.26	0.33	0.15	0.37	0.41	0.48
Right Side	0.22	0.19	0.23	0.15	0.37	0.34	0.38
Top Side	0.71	0.70	0.70	0.24	0.95	0.94	0.94
Bottom Side	0.75	0.77	0.76	0.26	1.01	1.03	1.02

Simultaneous Transmission SAR Evaluation (Body)							
Position	1	2	3	4	D(1+4)	E(2+4)	F(3+4)
	WIFI 6E Ant 0	WIFI 6E Ant 1	WIFI 6E Ant 0+1	BT Ant 1	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg			
Front Face	0.22	0.16	0.17	0.10	0.32	0.26	0.27
Rear Face	0.11	0.07	0.11	0.10	0.21	0.17	0.21
Left Side	0.08	0.16	0.09	0.15	0.23	0.31	0.24
Right Side	0.20	0.21	0.23	0.15	0.35	0.36	0.38
Top Side	0.21	0.40	0.31	0.24	0.45	0.64	0.55
Bottom Side	0.38	0.42	0.40	0.26	0.64	0.68	0.66

Total Exposure Ratio (Tablet Mode)

Anchor Band		Bluetooth Reported SAR	WiFi6e Ant 0 Reported SAR	WiFi6e Ant 1 Reported SAR	WiFi6E Ant 0+1 Reported PD	WiFi6E Ant 0 + BT	WiFi6E Ant 1 + BT	WiFi6E Ant 0+1 + BT
		W/kg	W/m²	W/m²	W/m²			
		4	1	2	3	F(1+4)	G(2+4)	I(3+4)
Applicable Limit		1.6	10	10	10	1.0	1.0	1.0
Bottom Side	Reported Value	0.26	3.11	4.10	4.03			
	Ratio to Limit	0.16	0.31	0.41	0.40	0.47	0.57	0.56