

## **Appendix J. Analysis of Simultaneous Transmission SAR.**

The analysis of simultaneous transmission SAR are shown as below.

**Simultaneous Transmission SAR Evaluation (Head)**

Band	Position	Test Gap (mm)	A	B	C	A+B	A+C
			Max WWAN	BT Ant 0	Max WLAN	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
			1g SAR W/kg	1g SAR W/kg	1g SAR W/kg		
GSM850	Right Cheek	-	0.17	0.00	0.85	0.17	1.01
	Right Tilted		0.09	0.00	0.99	0.09	1.08
	Left Cheek		0.27	0.00	0.65	0.27	0.92
	Left Tilted		0.12	0.00	0.74	0.12	0.86
GSM1900	Right Cheek	-	0.10	0.00	0.85	0.10	0.94
	Right Tilted		0.00	0.00	0.99	0.00	0.99
	Left Cheek		0.23	0.00	0.65	0.23	0.88
	Left Tilted		0.05	0.00	0.74	0.05	0.78
WCDMA II	Right Cheek	-	0.24	0.00	0.85	0.24	1.08
	Right Tilted		0.00	0.00	0.99	0.00	0.99
	Left Cheek		0.32	0.00	0.65	0.32	0.97
	Left Tilted		0.08	0.00	0.74	0.08	0.81
WCDMA V	Right Cheek	-	0.29	0.00	0.85	0.29	1.13
	Right Tilted		0.22	0.00	0.99	0.22	1.21
	Left Cheek		0.41	0.00	0.65	0.41	1.06
	Left Tilted		0.21	0.00	0.74	0.21	0.95
LTE 4	Right Cheek	-	0.07	0.00	0.85	0.07	0.92
	Right Tilted		0.00	0.00	0.99	0.00	0.99
	Left Cheek		0.10	0.00	0.65	0.10	0.75
	Left Tilted		0.00	0.00	0.74	0.00	0.74
LTE 5	Right Cheek	-	0.21	0.00	0.85	0.21	1.06
	Right Tilted		0.17	0.00	0.99	0.17	1.16
	Left Cheek		0.31	0.00	0.65	0.31	0.96
	Left Tilted		0.17	0.00	0.74	0.17	0.91
LTE 7	Right Cheek	-	0.27	0.00	0.85	0.27	1.12
	Right Tilted		0.08	0.00	0.99	0.08	1.07
	Left Cheek		0.11	0.00	0.65	0.11	0.76
	Left Tilted		0.06	0.00	0.74	0.06	0.79
LTE 12	Right Cheek	-	0.12	0.00	0.85	0.12	0.97
	Right Tilted		0.00	0.00	0.99	0.00	0.99
	Left Cheek		0.15	0.00	0.65	0.15	0.80
	Left Tilted		0.00	0.00	0.74	0.00	0.74
LTE 13	Right Cheek	-	0.16	0.00	0.85	0.16	1.01
	Right Tilted		0.00	0.00	0.99	0.00	0.99
	Left Cheek		0.20	0.00	0.65	0.20	0.85
	Left Tilted		0.12	0.00	0.74	0.12	0.85
LTE 25	Right Cheek	-	0.18	0.00	0.85	0.18	1.02
	Right Tilted		0.00	0.00	0.99	0.00	0.99
	Left Cheek		0.25	0.00	0.65	0.25	0.90
	Left Tilted		0.07	0.00	0.74	0.07	0.80

**Simultaneous Transmission SAR Evaluation (Hotspot Mode)**

Band	Position	Test Gap (mm)	A	B	C	A+B	A+C
			Max WWAN	BT Ant 0	Max WLAN	Summing result	Summing result
			1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg
GSM850	Front Face	10	0.20	0.00	0.28	0.20	0.49
	Rear Face	10	0.12	0.00	0.45	0.12	0.57
	Left Side	10	0.12	0.00	0.81	0.12	0.93
	Right Side	10	0.11	0.00	1.09	0.11	1.19
GSM1900	Front Face	10	0.91	0.00	0.28	0.91	1.20
	Rear Face	10	0.60	0.00	0.45	0.60	1.05
	Left Side	10	0.11	0.00	0.81	0.11	0.92
	Right Side	10	0.42	0.00	1.09	0.42	1.51
WCDMA II	Front Face	10	1.11	0.00	0.28	1.11	1.40
	Rear Face	10	0.79	0.00	0.45	0.79	1.24
	Left Side	10	0.09	0.00	0.81	0.09	0.90
	Right Side	10	0.37	0.00	1.09	0.37	1.46
WCDMA V	Front Face	10	0.31	0.00	0.28	0.31	0.59
	Rear Face	10	0.38	0.00	0.45	0.38	0.83
	Left Side	10	0.29	0.00	0.81	0.29	1.09
	Right Side	10	0.31	0.00	1.09	0.31	1.40
LTE 4	Front Face	10	0.52	0.00	0.28	0.52	0.80
	Rear Face	10	0.68	0.00	0.45	0.68	1.13
	Left Side	10	0.06	0.00	0.81	0.06	0.87
	Right Side	10	0.31	0.00	1.09	0.31	1.39
LTE 5	Front Face	10	0.27	0.00	0.28	0.27	0.55
	Rear Face	10	0.32	0.00	0.45	0.32	0.77
	Left Side	10	0.31	0.00	0.81	0.31	1.11
	Right Side	10	0.25	0.00	1.09	0.25	1.33
LTE 7	Front Face	10	0.35	0.00	0.28	0.35	0.64
	Rear Face	10	0.29	0.00	0.45	0.29	0.74
	Left Side	10	0.02	0.00	0.81	0.02	0.83
	Right Side	10	0.23	0.00	1.09	0.23	1.32
LTE 12	Front Face	10	0.15	0.00	0.28	0.15	0.43
	Rear Face	10	0.13	0.00	0.45	0.13	0.58
	Left Side	10	0.12	0.00	0.81	0.12	0.93
	Right Side	10	0.13	0.00	1.09	0.13	1.22
LTE 13	Front Face	10	0.19	0.00	0.28	0.19	0.47
	Rear Face	10	0.21	0.00	0.45	0.21	0.66
	Left Side	10	0.20	0.00	0.81	0.20	1.00
	Right Side	10	0.21	0.00	1.09	0.21	1.29
LTE 25	Front Face	10	0.72	0.00	0.28	0.72	1.00
	Rear Face	10	0.52	0.00	0.45	0.52	0.97
	Left Side	10	0.09	0.00	0.81	0.09	0.90
	Right Side	10	0.31	0.00	1.09	0.31	1.40

**Simultaneous Transmission SAR Evaluation (Body-worn Mode)**

Band	Position	Test Gap (mm)	A	B	C	A+B	A+C
			Max WWAN	BT Ant 0	Max WLAN	Summimg result	Summimg result
			1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg
GSM850	Front Face	10	0.20	0.00	0.19	0.20	0.39
	Rear Face	10	0.12	0.00	0.45	0.12	0.57
GSM1900	Front Face	10	0.91	0.00	0.19	0.91	1.10
	Rear Face	10	0.60	0.00	0.45	0.60	1.05
WCDMA II	Front Face	10	1.11	0.00	0.19	1.11	1.30
	Rear Face	10	0.79	0.00	0.45	0.79	1.24
WCDMA V	Front Face	10	0.31	0.00	0.19	0.31	0.50
	Rear Face	10	0.38	0.00	0.45	0.38	0.83
LTE 4	Front Face	10	0.52	0.00	0.19	0.52	0.71
	Rear Face	10	0.68	0.00	0.45	0.68	1.13
LTE 5	Front Face	10	0.27	0.00	0.19	0.27	0.46
	Rear Face	10	0.32	0.00	0.45	0.32	0.77
LTE 7	Front Face	10	0.35	0.00	0.19	0.35	0.54
	Rear Face	10	0.29	0.00	0.45	0.29	0.74
LTE 12	Front Face	10	0.15	0.00	0.19	0.15	0.34
	Rear Face	10	0.13	0.00	0.45	0.13	0.58
LTE 13	Front Face	10	0.19	0.00	0.19	0.19	0.38
	Rear Face	10	0.21	0.00	0.45	0.21	0.66
LTE 25	Front Face	10	0.72	0.00	0.19	0.72	0.91
	Rear Face	10	0.52	0.00	0.45	0.52	0.97