

Appendix G. Simultaneous Multi-band Transmission Evaluation

The SAR Summation Analysis is shown as below.

Simultaneous Transmission SAR Evaluation									
Band	Position	A	B	C	D	E	A+B+E	A+C+E	A+D+E
		Max WWAN	WLAN 5GHz Ant 0	WLAN 5GHz Ant 1	WLAN 5GHz 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	1g SAR W/kg			
WCDMA II	Bottom	0.67	0.46	0.46	0.45	0.27	1.40	1.40	1.39
WCDMA IV	Bottom	0.57	0.46	0.46	0.45	0.27	1.30	1.30	1.29
WCDMA V	Bottom	0.64	0.46	0.46	0.45	0.27	1.37	1.37	1.36
LTE 2	Bottom	0.67	0.46	0.46	0.45	0.27	1.40	1.40	1.39
LTE 4	Bottom	0.46	0.46	0.46	0.45	0.27	1.19	1.19	1.18
LTE 5	Bottom	0.54	0.46	0.46	0.45	0.27	1.27	1.27	1.26
LTE 7	Bottom	0.67	0.46	0.46	0.45	0.27	1.40	1.40	1.39
LTE 12	Bottom	0.51	0.46	0.46	0.45	0.27	1.24	1.24	1.23
LTE 13	Bottom	0.51	0.46	0.46	0.45	0.27	1.24	1.24	1.23
LTE 14	Bottom	0.53	0.46	0.46	0.45	0.27	1.26	1.26	1.25
LTE 17	Bottom	0.55	0.46	0.46	0.45	0.27	1.28	1.28	1.27
LTE 25	Bottom	0.65	0.46	0.46	0.45	0.27	1.38	1.38	1.37
LTE 26	Bottom	0.50	0.46	0.46	0.45	0.27	1.23	1.23	1.22
LTE 30	Bottom	0.66	0.46	0.46	0.45	0.27	1.39	1.39	1.38
LTE 38	Bottom	0.84	0.46	0.46	0.45	0.27	1.57	1.57	1.56
LTE41	Bottom	0.44	0.46	0.46	0.45	0.27	1.17	1.17	1.16
LTE 66	Bottom	0.58	0.46	0.46	0.45	0.27	1.31	1.31	1.30

Total Exposure Ratio									
Anchor Band		WWAN Report SAR	Bluetooth Reported SAR	WIFI6E Ant 0 Reported SAR	WIFI6E Ant 1 Reported SAR	WIFI6E Ant 0+1 Reported SAR	WWAN + WIFI6e Ant 0 + BT	WWAN + WIFI6e Ant 1 + BT	WWAN + WIFI6e Ant 0+1 + BT
		W/kg	W/kg	W/m²	W/m²	W/m²			
		A	B	C	D	E	A+B+C	A+B+D	A+B+E
Applicable Limit		1.6	1.6	10	10	10	1.0	1.0	1.0
WCDMA II	Reported Value	0.670	0.270	2.440	1.440	1.330			
	Ratio to Limit	0.419	0.169	0.244	0.144	0.133	0.832	0.732	0.721
WCDMA IV	Reported Value	0.570	0.270	2.440	1.440	1.330			
	Ratio to Limit	0.356	0.169	0.244	0.144	0.133	0.769	0.669	0.658
WCDMA V	Reported Value	0.640	0.270	2.440	1.440	1.330			
	Ratio to Limit	0.400	0.169	0.244	0.144	0.133	0.813	0.713	0.702
LTE 2	Reported Value	0.670	0.270	2.440	1.440	1.330			
	Ratio to Limit	0.419	0.169	0.244	0.144	0.133	0.832	0.732	0.721
LTE 4	Reported Value	0.460	0.270	2.440	1.440	1.330			
	Ratio to Limit	0.288	0.169	0.244	0.144	0.133	0.700	0.600	0.589
LTE 5	Reported Value	0.540	0.270	2.440	1.440	1.330			
	Ratio to Limit	0.338	0.169	0.244	0.144	0.133	0.750	0.650	0.639
LTE 7	Reported Value	0.670	0.270	2.440	1.440	1.330			
	Ratio to Limit	0.419	0.169	0.244	0.144	0.133	0.832	0.732	0.721
LTE 12	Reported Value	0.510	0.270	2.440	1.440	1.330			
	Ratio to Limit	0.319	0.169	0.244	0.144	0.133	0.732	0.632	0.621
LTE 13	Reported Value	0.510	0.270	2.440	1.440	1.330			
	Ratio to Limit	0.319	0.169	0.244	0.144	0.133	0.732	0.632	0.621
LTE 14	Reported Value	0.530	0.270	2.440	1.440	1.330			
	Ratio to Limit	0.331	0.169	0.244	0.144	0.133	0.744	0.644	0.633
LTE 17	Reported Value	0.550	0.270	2.440	1.440	1.330			
	Ratio to Limit	0.344	0.169	0.244	0.144	0.133	0.757	0.657	0.646
LTE 25	Reported Value	0.650	0.270	2.440	1.440	1.330			
	Ratio to Limit	0.406	0.169	0.244	0.144	0.133	0.819	0.719	0.708
LTE 26	Reported Value	0.500	0.270	2.440	1.440	1.330			
	Ratio to Limit	0.313	0.169	0.244	0.144	0.133	0.725	0.625	0.614
LTE 30	Reported Value	0.660	0.270	2.440	1.440	1.330			
	Ratio to Limit	0.413	0.169	0.244	0.144	0.133	0.825	0.725	0.714
LTE 38	Reported Value	0.840	0.270	2.440	1.440	1.330			
	Ratio to Limit	0.525	0.169	0.244	0.144	0.133	0.938	0.838	0.827
LTE 41	Reported Value	0.440	0.270	2.440	1.440	1.330			
	Ratio to Limit	0.275	0.169	0.244	0.144	0.133	0.688	0.588	0.577
LTE 66	Reported Value	0.580	0.270	2.440	1.440	1.330			
	Ratio to Limit	0.363	0.169	0.244	0.144	0.133	0.775	0.675	0.664