

Simultaneous Transmission analysis Body SAR

WWAN Band	Test Position	1	2	3	4	1+2+3 Summed 1g SAR (W/kg)	1+3+4 Summed 1g SAR (W/kg)
		WWAN Band	WLAN 2.4GHz Ant 8+9	WLAN 5GHz Ant 8+9	Bluetooth Ant 8		
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
All Bands Ant 1	Front Face at 1cm	0.594	0.070	0.140	0.037	0.80	0.77
	Rear Face at 1cm	0.596	0.104	0.196	0.014	0.90	0.81
All Bands Ant 2	Front Face at 1cm	0.858	0.070	0.140	0.037	1.07	1.04
	Rear Face at 1cm	1.018	0.104	0.196	0.014	1.32	1.23
All Bands Ant 3	Front Face at 1cm	0.248	0.070	0.140	0.037	0.46	0.43
	Rear Face at 1cm	0.414	0.104	0.196	0.014	0.71	0.62
All Bands Ant 4	Front Face at 1cm	0.594	0.070	0.140	0.037	0.80	0.77
	Rear Face at 1cm	0.386	0.104	0.196	0.014	0.69	0.60
All Bands Ant 5	Front Face at 1cm	0.095	0.070	0.140	0.037	0.31	0.27
	Rear Face at 1cm	0.091	0.104	0.196	0.014	0.39	0.30
All Bands Ant 6	Front Face at 1cm	0.165	0.070	0.140	0.037	0.38	0.34
	Rear Face at 1cm	0.118	0.104	0.196	0.014	0.42	0.33
All Bands Ant 7	Front Face at 1cm	0.265	0.070	0.140	0.037	0.48	0.44
	Rear Face at 1cm	0.367	0.104	0.196	0.014	0.67	0.58

Simultaneous Transmission analysis Hotspot SAR

WWAN Band	Test Position	1	2	3	4	1+2+3 Summed 1g SAR (W/kg)	1+3+4 Summed 1g SAR (W/kg)
		WWAN Band	WLAN 2.4GHz Ant 8+9	WLAN 5GHz Ant 8+9	Bluetooth Ant 8		
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
All Bands Ant 1	Front Face at 1cm	0.594	0.070	0.137	0.037	0.80	0.77
	Rear Face at 1cm	0.572	0.104	0.157	0.014	0.83	0.74
	Left Side at 1cm		0.202	0.150	0.022	0.35	0.17
	Right Side at 1cm	0.785				0.79	0.79
	Top Side at 1cm	0.649	0.084	0.109	0.027	0.84	0.79
	Bottom Side at 1cm					0.00	0.00
All Bands Ant 2	Front Face at 1cm	0.858	0.070	0.137	0.037	1.07	1.03
	Rear Face at 1cm	0.676	0.104	0.157	0.014	0.94	0.85
	Left Side at 1cm	0.499	0.202	0.150	0.022	0.85	0.67
	Right Side at 1cm	0.617				0.62	0.62
	Top Side at 1cm		0.084	0.109	0.027	0.19	0.14
	Bottom Side at 1cm	1.005				1.01	1.01
All Bands Ant 3	Front Face at 1cm	0.238	0.070	0.137	0.037	0.45	0.41
	Rear Face at 1cm	0.409	0.104	0.157	0.014	0.67	0.58
	Left Side at 1cm		0.202	0.150	0.022	0.35	0.17
	Right Side at 1cm	0.905				0.91	0.91
	Top Side at 1cm		0.084	0.109	0.027	0.19	0.14
	Bottom Side at 1cm					0.00	0.00
All Bands Ant 4	Front Face at 1cm	0.594	0.070	0.137	0.037	0.80	0.77
	Rear Face at 1cm	0.386	0.104	0.157	0.014	0.65	0.56
	Left Side at 1cm		0.202	0.150	0.022	0.35	0.17
	Right Side at 1cm	0.294				0.29	0.29
	Top Side at 1cm	0.515	0.084	0.109	0.027	0.71	0.65
	Bottom Side at 1cm					0.00	0.00
All Bands Ant 5	Front Face at 1cm	0.080	0.070	0.137	0.037	0.29	0.25
	Rear Face at 1cm	0.091	0.104	0.157	0.014	0.35	0.26
	Left Side at 1cm	0.822	0.202	0.150	0.022	1.17	0.99
	Right Side at 1cm					0.00	0.00
	Top Side at 1cm		0.084	0.109	0.027	0.19	0.14
	Bottom Side at 1cm					0.00	0.00
All Bands Ant 6	Front Face at 1cm	0.165	0.070	0.137	0.037	0.37	0.34
	Rear Face at 1cm	0.118	0.104	0.157	0.014	0.38	0.29
	Left Side at 1cm	0.278	0.202	0.150	0.022	0.63	0.45
	Right Side at 1cm					0.00	0.00
	Top Side at 1cm		0.084	0.109	0.027	0.19	0.14
	Bottom Side at 1cm	0.151				0.15	0.15
All Bands Ant 7	Front Face at 1cm	0.265	0.070	0.137	0.037	0.47	0.44
	Rear Face at 1cm	0.315	0.104	0.157	0.014	0.58	0.49
	Left Side at 1cm		0.202	0.150	0.022	0.35	0.17
	Right Side at 1cm	0.540				0.54	0.54
	Top Side at 1cm		0.084	0.109	0.027	0.19	0.14
	Bottom Side at 1cm	0.525				0.53	0.53

Simultaneous Transmission analysis Body SAR(EN-DC)

WWAN Band	FR1 Band	Test Position	1	2	3	4	5	1+2+3+4 Summed 1g SAR (W/kg)	1+2+4+5 Summed 1g SAR (W/kg)
			WWAN Band	FR1 Band	WLAN 2.4GHz Ant 8+9	WLAN 5GHz Ant 8+9	Bluetooth Ant 8		
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
LTE Ant 1	NR Ant 2	Front Face at 1cm	0.594	0.682	0.070	0.140	0.037	1.49	1.45
		Rear Face at 1cm	0.596	0.525	0.104	0.196	0.014	1.42	1.33
LTE Ant 1	NR Ant 3	Front Face at 1cm	0.594	0.248	0.070	0.140	0.037	1.05	1.02
		Rear Face at 1cm	0.596	0.414	0.104	0.196	0.014	1.31	1.22
LTE Ant 1	NR Ant 4	Front Face at 1cm	0.594	0.594	0.070	0.140	0.037	1.40	1.37
		Rear Face at 1cm	0.596	0.386	0.104	0.196	0.014	1.28	1.19
LTE Ant 2	NR Ant 1	Front Face at 1cm	0.819	0.562	0.070	0.140	0.037	1.59	1.56
		Rear Face at 1cm	0.583	0.552	0.104	0.196	0.014	1.44	1.35
LTE Ant 2	NR Ant 7	Front Face at 1cm	0.819	0.265	0.070	0.140	0.037	1.29	1.26
		Rear Face at 1cm	0.583	0.319	0.104	0.196	0.014	1.20	1.11
LTE Ant 3	NR Ant 1	Front Face at 1cm	0.226	0.562	0.070	0.140	0.037	1.00	0.97
		Rear Face at 1cm	0.382	0.552	0.104	0.196	0.014	1.23	1.14
LTE Ant 3	NR Ant 7	Front Face at 1cm	0.226	0.265	0.070	0.140	0.037	0.70	0.67
		Rear Face at 1cm	0.382	0.319	0.104	0.196	0.014	1.00	0.91
LTE Ant 7	NR Ant 2	Front Face at 1cm	0.235	0.682	0.070	0.140	0.037	1.13	1.09
		Rear Face at 1cm	0.367	0.525	0.104	0.196	0.014	1.19	1.10
LTE Ant 7	NR Ant 3	Front Face at 1cm	0.235	0.248	0.070	0.140	0.037	0.69	0.66
		Rear Face at 1cm	0.367	0.414	0.104	0.196	0.014	1.08	0.99

Simultaneous Transmission analysis Hotspot SAR(EN-DC)

WWAN Band	FR1 Band	Test Position	1	2	3	4	5	1+2+3+4 Summed 1g SAR (W/kg)	1+2+4+5 Summed 1g SAR (W/kg)
			WWAN Band	FR1 Band	WLAN 2.4GHz Ant 8+9	WLAN 5GHz Ant 8+9	Bluetooth Ant 8		
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
LTE Ant 1	NR Ant 2	Front Face at 1cm	0.594	0.682	0.070	0.137	0.037	1.48	1.45
		Rear Face at 1cm	0.572	0.525	0.104	0.157	0.014	1.36	1.27
		Left Side at 1cm		0.387	0.202	0.150	0.022	0.74	0.56
		Right Side at 1cm	0.785	0.471				1.26	1.26
		Top Side at 1cm	0.649		0.084	0.109	0.027	0.84	0.79
		Bottom Side at 1cm		0.183				0.18	0.18
LTE Ant 1	NR Ant 3	Front Face at 1cm	0.594	0.238	0.070	0.137	0.037	1.04	1.01
		Rear Face at 1cm	0.572	0.409	0.104	0.157	0.014	1.24	1.15
		Left Side at 1cm			0.202	0.150	0.022	0.35	0.17
		Right Side at 1cm	0.785	0.808				1.59	1.59
		Top Side at 1cm	0.649		0.084	0.109	0.027	0.84	0.79
		Bottom Side at 1cm						0.00	0.00
LTE Ant 1	NR Ant 4	Front Face at 1cm	0.594	0.594	0.070	0.137	0.037	1.40	1.36
		Rear Face at 1cm	0.572	0.386	0.104	0.157	0.014	1.22	1.13
		Left Side at 1cm			0.202	0.150	0.022	0.35	0.17
		Right Side at 1cm	0.785	0.294				1.08	1.08
		Top Side at 1cm	0.649	0.515	0.084	0.109	0.027	1.36	1.30
		Bottom Side at 1cm						0.00	0.00
LTE Ant 2	NR Ant 1	Front Face at 1cm	0.819	0.562	0.070	0.137	0.037	1.59	1.56
		Rear Face at 1cm	0.583	0.551	0.104	0.157	0.014	1.40	1.31
		Left Side at 1cm	0.499		0.202	0.150	0.022	0.85	0.67
		Right Side at 1cm	0.527	0.678				1.21	1.21
		Top Side at 1cm		0.611	0.084	0.109	0.027	0.80	0.75
		Bottom Side at 1cm	0.222					0.22	0.22
LTE Ant 2	NR Ant 7	Front Face at 1cm	0.819	0.265	0.070	0.137	0.037	1.29	1.26
		Rear Face at 1cm	0.583	0.297	0.104	0.157	0.014	1.14	1.05
		Left Side at 1cm	0.499		0.202	0.150	0.022	0.85	0.67
		Right Side at 1cm	0.527	0.532				1.06	1.06
		Top Side at 1cm			0.084	0.109	0.027	0.19	0.14
		Bottom Side at 1cm	0.222	0.470				0.69	0.69
LTE Ant 3	NR Ant 1	Front Face at 1cm	0.202	0.562	0.070	0.137	0.037	0.97	0.94
		Rear Face at 1cm	0.381	0.551	0.104	0.157	0.014	1.19	1.10
		Left Side at 1cm			0.202	0.150	0.022	0.35	0.17
		Right Side at 1cm	0.905	0.678				1.58	1.58
		Top Side at 1cm		0.611	0.084	0.109	0.027	0.80	0.75
		Bottom Side at 1cm						0.00	0.00
LTE Ant 3	NR Ant 7	Front Face at 1cm	0.202	0.265	0.070	0.137	0.037	0.67	0.64
		Rear Face at 1cm	0.381	0.297	0.104	0.157	0.014	0.94	0.85
		Left Side at 1cm			0.202	0.150	0.022	0.35	0.17
		Right Side at 1cm	0.905	0.532				1.44	1.44
		Top Side at 1cm			0.084	0.109	0.027	0.19	0.14
		Bottom Side at 1cm		0.470				0.47	0.47
LTE Ant 7	NR Ant 2	Front Face at 1cm	0.235	0.682	0.070	0.137	0.037	1.12	1.09
		Rear Face at 1cm	0.315	0.525	0.104	0.157	0.014	1.10	1.01
		Left Side at 1cm		0.387	0.202	0.150	0.022	0.74	0.56
		Right Side at 1cm	0.540	0.471				1.01	1.01
		Top Side at 1cm			0.084	0.109	0.027	0.19	0.14
		Bottom Side at 1cm	0.525	0.183				0.71	0.71
LTE Ant 7	NR Ant 3	Front Face at 1cm	0.235	0.238	0.070	0.137	0.037	0.68	0.65
		Rear Face at 1cm	0.315	0.409	0.104	0.157	0.014	0.99	0.90
		Left Side at 1cm			0.202	0.150	0.022	0.35	0.17
		Right Side at 1cm	0.540	0.808				1.35	1.35
		Top Side at 1cm			0.084	0.109	0.027	0.19	0.14
		Bottom Side at 1cm	0.525					0.53	0.53