



FCC SAR Test Report

Report No. : FA422904

	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 1	Headset	DSI3	633334	3500.01	1	20.09	21.00	1.233	-	-	0.02	0.956	1.179
	FR1 n78	100M	BPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 1	-	DSI3	633334	3500.01	1	20.05	21.00	1.245	-	-	0.07	0.887	1.104
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Front	15mm	Ant 1	-	DSI4	633334	3500.01	1	23.19	24.00	1.205	-	-	0.01	0.247	0.298
	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 1	-	DSI4	633334	3500.01	1	23.13	24.00	1.222	-	-	0.08	0.237	0.290
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Back	18mm	Ant 1	-	DSI4	633334	3500.01	1	23.19	24.00	1.205	-	-	0.02	0.400	0.482
	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Back	18mm	Ant 1	-	DSI4	633334	3500.01	1	23.13	24.00	1.222	-	-	0.16	0.385	0.470
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Front	5mm	Ant 2	-	DSI3	633334	3500.01	1	19.23	20.00	1.194	-	-	0.15	0.034	0.041
	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 2	-	DSI3	633334	3500.01	1	19.20	20.00	1.202	-	-	-0.05	0.031	0.037
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 2	-	DSI3	633334	3500.01	1	19.23	20.00	1.194	-	-	-0.08	0.713	0.851
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 2	-	DSI3	633334	3500.01	2	19.23	20.00	1.194	-	-	0.11	0.695	0.830
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 2	-	DSI3	633334	3500.01	3	19.23	20.00	1.194	-	-	-0.05	0.703	0.839
	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 2	-	DSI3	633334	3500.01	1	19.20	20.00	1.202	-	-	0.01	0.572	0.688
	FR1 n78	100M	BPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 2	-	DSI3	633334	3500.01	1	19.10	20.00	1.230	-	-	-0.11	0.613	0.754
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Front	15mm	Ant 2	-	DSI4	633334	3500.01	1	23.22	24.00	1.197	-	-	0.01	0.036	0.043
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Back	18mm	Ant 2	-	DSI4	633334	3500.01	1	23.22	24.00	1.197	-	-	-0.16	0.141	0.169
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI3	633334	3500.01	1	18.41	19.50	1.285	-	-	0.03	0.024	0.031
	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI3	633334	3500.01	1	18.39	19.50	1.291	-	-	-0.05	0.017	0.022
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI3	633334	3500.01	1	18.41	19.50	1.285	-	-	0.14	0.663	0.852
	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI3	633334	3500.01	1	18.39	19.50	1.291	-	-	-0.01	0.687	0.887
	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI3	633334	3500.01	2	18.39	19.50	1.291	-	-	0.15	0.651	0.841
	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI3	633334	3500.01	3	18.39	19.50	1.291	-	-	-0.09	0.598	0.772
	FR1 n78	100M	BPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI3	633334	3500.01	1	18.31	19.00	1.172	-	-	0.09	0.643	0.754
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Front	15mm	Ant 8	-	DSI4	633334	3500.01	1	22.89	24.00	1.291	-	-	0.1	0.036	0.046
	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Back	18mm	Ant 8	-	DSI4	633334	3500.01	1	22.86	24.00	1.300	-	-	-0.04	0.179	0.233
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Back	18mm	Ant 8	-	DSI4	633334	3500.01	1	22.89	24.00	1.291	-	-	0.01	0.163	0.210



Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Headset	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
2450MHz																		
73	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 6	-	standalone	11	2462	1	17.71	19.00	1.346	99.3	1.007	-0.05	0.459	0.622
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6	-	standalone	11	2462	1	17.71	19.00	1.346	99.3	1.007	0.07	1.020	1.382
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6	Headset	standalone	11	2462	1	17.71	19.00	1.346	99.3	1.007	0.01	0.856	1.160
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6	-	standalone	6	2437	1	17.63	19.00	1.371	99.3	1.007	0.01	0.856	1.182
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6	-	standalone	1	2412	1	17.48	19.00	1.419	99.3	1.007	0.02	0.815	1.165
	WLAN2.4GHz	802.11g 6Mbps	Back	5mm	Ant 6	-	standalone	2	2417	1	17.49	19.00	1.416	98	1.020	0.03	0.701	1.012
	WLAN2.4GHz	802.11g 6Mbps	Back	5mm	Ant 6	-	standalone	10	2457	1	17.25	18.50	1.334	98	1.020	0.02	0.506	0.688
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 6	-	Simultaneous	11	2462	1	11.71	13.00	1.346	99.3	1.007	0.04	0.147	0.199
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6	-	Simultaneous	11	2462	1	11.71	13.00	1.346	99.3	1.007	0.09	0.273	0.370
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6	-	standalone	11	2462	2	17.71	19.00	1.346	99.3	1.007	-0.16	0.982	1.331
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6	-	standalone	11	2462	3	17.71	19.00	1.346	99.3	1.007	-0.02	1.010	1.369
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 6	-	Full Power	11	2462	1	18.66	20.00	1.361	99.3	1.007	-0.01	0.093	0.128
	WLAN2.4GHz	802.11b 1Mbps	Back	18mm	Ant 6	-	Full Power	11	2462	1	18.66	20.00	1.361	99.3	1.007	0	0.137	0.188
74	Bluetooth	1Mbps	Front	5mm	Ant 6	-	Full Power	39	2441	1	12.05	13.50	1.396	77.57	1.074	0.08	0.029	0.043
	Bluetooth	1Mbps	Back	5mm	Ant 6	-	Full Power	39	2441	1	12.05	13.50	1.396	77.57	1.074	-0.09	0.081	0.121
	Bluetooth	1Mbps	Back	18mm	Ant 6	-	Full Power	39	2441	1	12.05	13.50	1.396	77.57	1.074	0.02	0.029	0.043
5000MHz																		
75	WLAN5.3GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 6	-	standalone	58	5290	1	13.45	15.00	1.429	94.16	1.062	0.06	0.256	0.388
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6	-	standalone	58	5290	1	13.45	15.00	1.429	94.16	1.062	-0.05	0.750	1.138
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 6	-	Simultaneous	58	5290	1	9.78	11.00	1.324	94.16	1.062	-0.01	0.152	0.213
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6	-	Simultaneous	58	5290	1	9.78	11.00	1.324	94.16	1.062	0.05	0.259	0.364
	WLAN5.3GHz	802.11a 6Mbps	Front	15mm	Ant 6	-	Full Power	52	5260	1	18.28	20.00	1.485	95.44	1.048	-0.03	0.176	0.274
	WLAN5.3GHz	802.11a 6Mbps	Back	18mm	Ant 6	-	Full Power	52	5260	1	18.28	20.00	1.485	95.44	1.048	0.07	0.311	0.484
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 6	-	standalone	122	5610	1	11.53	13.00	1.403	94.16	1.062	0.13	0.308	0.459
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6	-	standalone	122	5610	1	11.53	13.00	1.403	94.16	1.062	0.06	0.739	1.101
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6	-	standalone	122	5610	2	11.53	13.00	1.403	94.16	1.062	-0.12	0.546	0.813
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6	-	standalone	122	5610	3	11.53	13.00	1.403	94.16	1.062	0.03	0.720	1.073
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6	-	standalone	138	5690	1	11.25	13.00	1.496	94.16	1.062	0.03	0.627	0.996
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6	-	standalone	106	5530	1	11.01	13.00	1.581	94.16	1.062	0.01	0.601	1.009
76	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 6	-	Simultaneous	122	5610	1	7.53	9.00	1.403	94.16	1.062	0.11	0.099	0.147
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6	-	Simultaneous	122	5610	1	7.53	9.00	1.403	94.16	1.062	-0.01	0.242	0.361
	WLAN5.5GHz	802.11a 6Mbps	Front	15mm	Ant 6	-	Full Power	132	5660	1	18.55	20.00	1.396	95.44	1.048	0	0.173	0.253
	WLAN5.5GHz	802.11a 6Mbps	Back	18mm	Ant 6	-	Full Power	132	5660	1	18.55	20.00	1.396	95.44	1.048	0.01	0.395	0.578
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 6	-	standalone	155	5775	1	14.55	16.00	1.396	94.16	1.062	-0.08	0.272	0.403
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6	-	standalone	155	5775	1	14.55	16.00	1.396	94.16	1.062	0.18	0.769	1.140
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6	-	standalone	155	5775	2	14.55	16.00	1.396	94.16	1.062	0.05	0.703	1.043
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6	-	standalone	155	5775	3	14.55	16.00	1.396	94.16	1.062	-0.11	0.717	1.063
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 6	-	Simultaneous	155	5775	1	9.59	11.00	1.384	94.16	1.062	0.06	0.081	0.119
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6	-	Simultaneous	155	5775	1	9.59	11.00	1.384	94.16	1.062	0.02	0.255	0.375
	WLAN5.8GHz	802.11a 6Mbps	Front	15mm	Ant 6	-	Full Power	165	5825	1	18.48	20.00	1.418	95.44	1.048	-0.01	0.190	0.282
	WLAN5.8GHz	802.11a 6Mbps	Back	18mm	Ant 6	-	Full Power	165	5825	1	18.48	20.00	1.418	95.44	1.048	-0.06	0.351	0.522



15.4 Product specific 10g SAR

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
835MHz																					
	GSM850	-	-	-	-	GPRS (2 Tx slots)	Back	0mm	Ant 0	DS16	189	836.4	1	30.48	31.50	1.265	-	-	0.07	1.240	1.568
	GSM850	-	-	-	-	GPRS (2 Tx slots)	Bottom Side	0mm	Ant 0	DS16	189	836.4	1	30.48	31.50	1.265	-	-	0.15	1.620	2.049
78	GSM850	-	-	-	-	GPRS (2 Tx slots)	Bottom Side	0mm	Ant 0	DS16	128	824.2	1	30.28	31.50	1.324	-	-	0.01	1.810	2.397
	GSM850	-	-	-	-	GPRS (2 Tx slots)	Bottom Side	0mm	Ant 0	DS16	251	848.8	1	30.47	31.50	1.268	-	-	-0.03	1.600	2.028
	GSM850	-	-	-	-	GPRS (2 Tx slots)	Bottom Side	0mm	Ant 0	DS16	128	824.2	2	30.28	31.50	1.324	-	-	-0.06	1.670	2.212
	GSM850	-	-	-	-	GPRS (2 Tx slots)	Bottom Side	0mm	Ant 0	DS16	128	824.2	3	30.28	31.50	1.324	-	-	-0.14	1.750	2.318
79	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DS16	4182	836.4	1	22.88	24.00	1.294	-	-	0.03	0.898	1.162
80	LTE Band 5	10M	QPSK	1	0	-	Back	0mm	Ant 0	DS16	20525	836.5	1	22.83	24.00	1.309	-	-	0.01	0.996	1.304
	LTE Band 5	10M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DS16	20525	836.5	1	22.83	24.00	1.309	-	-	0.02	0.901	1.180
1750MHz																					
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DS16	1413	1732.6	1	19.09	20.50	1.384	-	-	-0.02	1.960	2.712
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DS16	1312	1712.4	1	19.00	20.50	1.413	-	-	-0.1	1.980	2.797
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DS16	1513	1752.6	1	18.98	20.50	1.419	-	-	0.14	1.690	2.398
81	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 0	DS16	1413	1732.6	1	19.09	20.50	1.384	-	-	0.06	2.500	3.459
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 0	DS16	1312	1712.4	1	19.00	20.50	1.413	-	-	-0.05	2.350	3.319
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 0	DS16	1513	1752.6	1	18.98	20.50	1.419	-	-	-0.04	2.290	3.250
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	11mm	Ant 0	DS14	1312	1712.4	1	22.52	24.00	1.406	-	-	0.01	1.580	2.222
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 0	DS14	1413	1732.6	1	22.53	24.00	1.403	-	-	0.03	1.610	2.259
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 0	DS16	132322	1745	1	19.25	20.00	1.189	-	-	0.05	1.990	2.365
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 0	DS16	132072	1720	1	18.96	20.00	1.271	-	-	0.04	2.070	2.630
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 0	DS16	132572	1770	1	18.81	20.00	1.315	-	-	0.15	1.920	2.525
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 0	DS16	132322	1745	1	19.16	20.00	1.213	-	-	0.03	1.510	1.832
	LTE Band 66	20M	QPSK	100	0	-	Back	0mm	Ant 0	DS16	132322	1745	1	18.93	20.00	1.279	-	-	-0.16	1.510	1.932
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DS16	132322	1745	1	19.25	20.00	1.189	-	-	-0.02	2.660	3.161
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DS16	132072	1720	1	18.96	20.00	1.271	-	-	0.1	2.590	3.291
82	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DS16	132572	1770	1	18.81	20.00	1.315	-	-	0.07	2.700	3.551
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DS16	132322	1745	1	19.16	20.00	1.213	-	-	-0.05	1.980	2.403
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DS16	132072	1720	1	18.89	20.00	1.291	-	-	-0.04	1.990	2.570
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DS16	132572	1770	1	18.80	20.00	1.318	-	-	0.01	2.030	2.676
	LTE Band 66	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 0	DS16	132322	1745	1	18.93	20.00	1.279	-	-	-0.09	2.000	2.559
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DS16	132572	1770	2	18.81	20.00	1.315	-	-	-0.18	2.640	3.472
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DS16	132572	1770	3	18.81	20.00	1.315	-	-	-0.11	2.590	3.406
	LTE Band 66	20M	QPSK	1	0	-	Back	11mm	Ant 0	DS14	132072	1720	1	22.61	24.00	1.377	-	-	-0.05	0.748	1.030
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 0	DS14	132572	1770	1	22.81	24.00	1.315	-	-	0.01	0.964	1.268
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DS16	132322	1745	1	17.50	18.50	1.259	-	-	0.1	1.820	2.291
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DS16	132072	1720	1	17.39	18.50	1.291	-	-	0.15	1.770	2.285
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DS16	132572	1770	1	17.34	18.50	1.306	-	-	0.08	2.020	2.638
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DS16	132572	1770	2	17.34	18.50	1.306	-	-	0.04	1.930	2.521
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DS16	132572	1770	3	17.34	18.50	1.306	-	-	0.13	1.890	2.469
	LTE Band 66	20M	QPSK	50	0	-	Top Side	0mm	Ant 4	DS16	132322	1745	1	17.45	18.50	1.274	-	-	-0.12	1.450	1.847
	LTE Band 66	20M	QPSK	100	0	-	Top Side	0mm	Ant 4	DS16	132322	1745	1	17.28	18.50	1.324	-	-	-0.13	1.490	1.973
	LTE Band 66	20M	QPSK	1	0	-	Top Side	10mm	Ant 4	DS14	132572	1770	1	20.81	22.00	1.315	-	-	-0.17	0.257	0.338
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 0	DS16	349000	1745	1	18.83	20.00	1.309	-	-	-0.05	1.940	2.540
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	0mm	Ant 0	DS16	349000	1745	1	18.81	20.00	1.315	-	-	0.03	1.900	2.499
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Back	0mm	Ant 0	DS16	349000	1745	1	18.75	20.00	1.334	-	-	-0.06	1.750	2.334
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DS16	349000	1745	1	18.83	20.00	1.309	-	-	0.01	2.480	3.247
83	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DS16	349000	1745	1	18.81	20.00	1.315	-	-	-0.09	2.660	3.498
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DS16	349000	1745	1	18.75	20.00	1.334	-	-	0.03	2.390	3.187
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	11mm	Ant 0	DS14	349000	1745	1	22.71	24.00	1.346	-	-	-0.01	0.910	1.225
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	10mm	Ant 0	DS14	349000	1745	1	22.71	24.00	1.346	-	-	0.02	1.270	1.709
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	10mm	Ant 0	DS14	349000	1745	1	22.64	24.00	1.368	-	-	-0.08	1.180	1.614



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	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 4	DS16	349000	1745	1	18.23	19.00	1.194	-	-	0.06	2.160	2.579
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	0mm	Ant 4	DS16	349000	1745	1	18.15	19.00	1.216	-	-	-0.04	1.500	1.824
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Top Side	0mm	Ant 4	DS16	349000	1745	1	18.16	19.00	1.213	-	-	0.02	1.560	1.893
	FR1 n66_Other PA	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 4	DS16	349000	1745	1	19.53	21.00	1.403	-	-	-0.07	1.780	2.497
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	10mm	Ant 4	DS14	349000	1745	1	21.15	22.00	1.216	-	-	0.06	0.325	0.395
1900MHz																					
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	0mm	Ant 0	DS16	661	1880	1	22.33	24.00	1.469	-	-	0.01	1.280	1.880
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	0mm	Ant 0	DS16	661	1880	1	22.33	24.00	1.469	-	-	0.09	2.260	3.320
84	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	0mm	Ant 0	DS16	512	1850.2	1	22.21	24.00	1.510	-	-	0.03	2.360	3.564
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	0mm	Ant 0	DS16	512	1850.2	2	22.21	24.00	1.510	-	-	0.01	2.110	3.186
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	0mm	Ant 0	DS16	512	1850.2	3	22.21	24.00	1.510	-	-	0.02	2.150	3.247
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	0mm	Ant 0	DS16	810	1909.8	1	22.14	24.00	1.535	-	-	0.15	2.180	3.345
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	11mm	Ant 0	DS14	661	1880	1	23.73	25.50	1.503	-	-	-0.09	0.274	0.412
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	10mm	Ant 0	DS14	512	1850.2	1	23.50	25.50	1.585	-	-	-0.08	0.503	0.797
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DS16	9400	1880	1	18.63	20.00	1.371	-	-	-0.15	1.560	2.139
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DS16	9262	1852.4	1	18.53	20.00	1.403	-	-	0.02	1.320	1.852
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DS16	9538	1907.6	1	18.60	20.00	1.380	-	-	-0.03	1.210	1.670
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 0	DS16	9400	1880	1	18.63	20.00	1.371	-	-	-0.16	2.450	3.359
85	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 0	DS16	9262	1852.4	1	18.53	20.00	1.403	-	-	0.06	2.510	3.521
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 0	DS16	9538	1907.6	1	18.60	20.00	1.380	-	-	0.08	2.120	2.926
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	11mm	Ant 0	DS14	9400	1880	1	22.51	24.00	1.409	-	-	0.12	0.607	0.855
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 0	DS14	9262	1852.4	1	22.44	24.00	1.432	-	-	0.03	1.020	1.461
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 0	DS16	26340	1880	1	19.13	20.00	1.222	-	-	0.1	1.500	1.833
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 0	DS16	26340	1880	1	19.01	20.00	1.256	-	-	0.07	1.150	1.444
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DS16	26340	1880	1	19.13	20.00	1.222	-	-	-0.01	2.550	3.116
86	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DS16	26140	1860	1	18.63	20.00	1.371	-	-	0.09	2.590	3.551
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DS16	26590	1905	1	18.63	20.00	1.371	-	-	0.04	2.580	3.537
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DS16	26340	1880	1	19.01	20.00	1.256	-	-	0.16	2.020	2.537
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DS16	26140	1860	1	18.70	20.00	1.349	-	-	0.17	2.100	2.833
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DS16	26590	1905	1	18.74	20.00	1.337	-	-	0.06	1.920	2.566
	LTE Band 25	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 0	DS16	26340	1880	1	18.94	20.00	1.276	-	-	-0.18	2.100	2.681
	LTE Band 25	20M	QPSK	1	0	-	Back	11mm	Ant 0	DS14	26340	1880	1	23.13	24.00	1.222	-	-	0.16	0.386	0.472
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 0	DS14	26140	1860	1	23.10	24.00	1.230	-	-	-0.1	0.772	0.950
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 4	DS16	26340	1880	1	19.32	20.50	1.312	-	-	0.11	1.030	1.352
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 4	DS16	26340	1880	1	19.31	20.50	1.315	-	-	0.09	0.809	1.064
	LTE Band 25	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DS16	26340	1880	1	19.32	20.50	1.312	-	-	0.1	1.580	2.073
	LTE Band 25	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DS16	26140	1860	1	18.90	20.50	1.445	-	-	-0.06	1.880	2.717
	LTE Band 25	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DS16	26590	1905	1	18.79	20.50	1.483	-	-	-0.1	1.760	2.609
	LTE Band 25	20M	QPSK	50	0	-	Top Side	0mm	Ant 4	DS16	26340	1880	1	19.31	20.50	1.315	-	-	0.17	1.810	2.381
	LTE Band 25	20M	QPSK	50	0	-	Top Side	0mm	Ant 4	DS16	26140	1860	1	18.95	20.50	1.429	-	-	0.12	1.470	2.100
	LTE Band 25	20M	QPSK	50	0	-	Top Side	0mm	Ant 4	DS16	26590	1905	1	18.90	20.50	1.445	-	-	-0.11	1.570	2.269
	LTE Band 25	20M	QPSK	100	0	-	Top Side	0mm	Ant 4	DS16	26340	1880	1	19.29	20.50	1.321	-	-	-0.12	1.500	1.982
	LTE Band 25	20M	QPSK	1	0	-	Back	8mm	Ant 4	DS14	26340	1880	1	20.79	22.00	1.321	-	-	0.07	0.333	0.440
	LTE Band 25	20M	QPSK	1	0	-	Top Side	10mm	Ant 4	DS14	26140	1860	1	20.62	22.00	1.374	-	-	0.18	0.240	0.330
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 0	DS16	376000	1880	1	19.98	20.50	1.127	-	-	-0.18	1.550	1.747
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	0mm	Ant 0	DS16	376000	1880	1	19.95	20.50	1.135	-	-	-0.06	1.590	1.805
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DS16	376000	1880	1	19.98	20.50	1.127	-	-	-0.05	2.500	2.818
87	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DS16	372000	1860	1	19.50	20.50	1.259	-	-	0.02	2.670	3.361
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DS16	380000	1900	1	19.88	20.50	1.153	-	-	0.09	2.450	2.826
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DS16	376000	1880	1	19.95	20.50	1.135	-	-	-0.02	2.500	2.838
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DS16	372000	1860	1	19.39	20.50	1.291	-	-	0.08	2.530	3.267
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DS16	380000	1900	1	19.80	20.50	1.175	-	-	0	2.470	2.902
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DS16	376000	1880	1	19.91	20.50	1.146	-	-	-0.12	2.250	2.577
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	11mm	Ant 0	DS14	376000	1880	1	23.40	24.00	1.148	-	-	0.01	0.605	0.695
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	11mm	Ant 0	DS14	376000	1880	1	23.27	24.00	1.183	-	-	0.03	0.598	0.707
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	10mm	Ant 0	DS14	372000	1860	1	22.94	24.00	1.276	-	-	-0.15	1.140	1.455



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	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 4	DSi6	376000	1880	1	16.23	17.50	1.340	-	-	0.02	1.580	2.117
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 4	DSi6	372000	1860	1	15.64	17.50	1.535	-	-	-0.08	1.600	2.455
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 4	DSi6	380000	1900	1	15.82	17.50	1.472	-	-	0.03	1.910	2.812
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 4	DSi6	380000	1900	2	15.82	17.50	1.472	-	-	-0.15	1.820	2.680
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 4	DSi6	380000	1900	3	15.82	17.50	1.472	-	-	0.11	1.790	2.635
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Top Side	0mm	Ant 4	DSi6	376000	1880	1	16.21	17.50	1.346	-	-	-0.06	1.320	1.777
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Top Side	0mm	Ant 4	DSi6	376000	1880	1	16.15	17.50	1.365	-	-	0.03	1.310	1.788
	FR1 n2_Other PA	20M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 4	DSi6	380000	1900	1	18.20	19.50	1.349	-	-	-0.01	1.560	2.104
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Top Side	10mm	Ant 4	DSi4	380000	1900	1	20.25	22.00	1.496	-	-	-0.18	0.596	0.892
2600MHz																					
	LTE Band 7	20M	QPSK	1	0	-	Front	0mm	Ant 1	DSi6	21100	2535	1	20.25	21.00	1.189	-	-	0.01	1.410	1.676
	LTE Band 7	20M	QPSK	50	0	-	Front	0mm	Ant 1	DSi6	21100	2535	1	20.24	21.00	1.191	-	-	0.03	1.350	1.608
88	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSi6	21100	2535	1	20.25	21.00	1.189	-	-	-0.09	2.120	2.520
	LTE Band 7C	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSi6	21100+21298	2535+2554.8	1	20.11	21.00	1.227	-	-	0.02	1.950	2.394
	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSi6	20850	2510	1	20.16	21.00	1.213	-	-	-0.17	1.960	2.378
	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSi6	21350	2560	1	19.89	21.00	1.291	-	-	-0.02	1.910	2.466
	LTE Band 7	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSi6	21100	2535	1	20.24	21.00	1.191	-	-	0.18	1.700	2.025
	LTE Band 7	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSi6	20850	2510	1	20.15	21.00	1.216	-	-	-0.07	1.680	2.043
	LTE Band 7	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSi6	21350	2560	1	19.90	21.00	1.288	-	-	0.06	1.730	2.229
	LTE Band 7	20M	QPSK	100	0	-	Back	0mm	Ant 1	DSi6	21100	2535	1	20.21	21.00	1.199	-	-	-0.05	1.700	2.039
	LTE Band 7	20M	QPSK	1	0	-	Left Side	0mm	Ant 1	DSi6	21100	2535	1	20.25	21.00	1.189	-	-	-0.05	1.260	1.498
	LTE Band 7	20M	QPSK	50	0	-	Left Side	0mm	Ant 1	DSi6	21100	2535	1	20.24	21.00	1.191	-	-	-0.11	1.070	1.275
	LTE Band 7	20M	QPSK	1	0	-	Front	3mm	Ant 1	DSi4	21100	2535	1	23.21	24.00	1.199	-	-	0.03	0.562	0.674
	LTE Band 7	20M	QPSK	1	0	-	Back	11mm	Ant 1	DSi4	21100	2535	1	23.21	24.00	1.199	-	-	-0.15	0.307	0.368
	LTE Band 7	20M	QPSK	1	0	-	Left Side	7mm	Ant 1	DSi4	21100	2535	1	23.21	24.00	1.199	-	-	-0.15	0.410	0.492
	LTE Band 38_ENDC	20M	QPSK	1	0	-	Front	0mm	Ant 1	DSi6	38000	2595	1	21.45	23.00	1.429	62.9	1.006	-0.04	1.080	1.552
	LTE Band 38_ENDC	20M	QPSK	50	0	-	Front	0mm	Ant 1	DSi6	38000	2595	1	21.43	23.00	1.435	62.9	1.006	0.13	0.951	1.373
	LTE Band 38_ENDC	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSi6	38000	2595	1	21.45	23.00	1.429	62.9	1.006	-0.19	2.050	2.947
89	LTE Band 38_ENDC	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSi6	37850	2580	1	21.32	23.00	1.472	62.9	1.006	0.05	2.150	3.184
	LTE Band 38_ENDC	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSi6	38150	2610	1	21.25	23.00	1.496	62.9	1.006	-0.13	2.060	3.101
	LTE Band 38_ENDC	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSi6	38000	2595	1	21.43	23.00	1.435	62.9	1.006	0.06	1.690	2.441
	LTE Band 38_ENDC	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSi6	37850	2580	1	21.23	23.00	1.503	62.9	1.006	0.18	1.660	2.510
	LTE Band 38_ENDC	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSi6	38150	2610	1	21.37	23.00	1.455	62.9	1.006	-0.07	1.520	2.226
	LTE Band 38_ENDC	20M	QPSK	100	0	-	Back	0mm	Ant 1	DSi6	38000	2595	1	21.42	23.00	1.439	62.9	1.006	-0.1	1.620	2.345
	LTE Band 38_ENDC	20M	QPSK	1	0	-	Left Side	0mm	Ant 1	DSi6	38000	2595	1	21.45	23.00	1.429	62.9	1.006	0.14	1.480	2.127
	LTE Band 38_ENDC	20M	QPSK	1	0	-	Left Side	0mm	Ant 1	DSi6	37850	2580	1	21.32	23.00	1.472	62.9	1.006	-0.14	1.600	2.370
	LTE Band 38_ENDC	20M	QPSK	1	0	-	Left Side	0mm	Ant 1	DSi6	38150	2610	1	21.25	23.00	1.496	62.9	1.006	0.03	1.560	2.348
	LTE Band 38_ENDC	20M	QPSK	50	0	-	Left Side	0mm	Ant 1	DSi6	38000	2595	1	21.43	23.00	1.435	62.9	1.006	0.04	1.060	1.531
	LTE Band 38_ENDC	20M	QPSK	100	0	-	Left Side	0mm	Ant 1	DSi6	38000	2595	1	21.42	23.00	1.439	62.9	1.006	0.13	1.140	1.650
	LTE Band 38_ENDC	20M	QPSK	1	0	-	Front	3mm	Ant 1	DSi4	38000	2595	1	22.36	24.00	1.459	62.9	1.006	-0.08	0.393	0.577
	LTE Band 38_ENDC	20M	QPSK	1	0	-	Back	11mm	Ant 1	DSi4	37850	2580	1	22.25	24.00	1.496	62.9	1.006	-0.17	0.226	0.340
	LTE Band 38_ENDC	20M	QPSK	1	0	-	Left Side	7mm	Ant 1	DSi4	37850	2580	1	22.25	24.00	1.496	62.9	1.006	-0.08	0.282	0.424
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 4	DSi6	40620	2593	1	20.58	21.00	1.102	62.9	1.006	-0.16	1.930	2.139
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 4	DSi6	39750	2506	1	20.24	21.00	1.191	62.9	1.006	-0.03	2.100	2.517
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 4	DSi6	40185	2549.5	1	20.15	21.00	1.216	62.9	1.006	-0.17	2.010	2.459
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 4	DSi6	41055	2636.5	1	20.13	21.00	1.222	62.9	1.006	-0.03	1.690	2.077
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 4	DSi6	41490	2680	1	20.21	21.00	1.199	62.9	1.006	-0.15	1.500	1.810
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 4	DSi6	40620	2593	1	20.53	21.00	1.114	62.9	1.006	-0.13	1.810	2.029
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 4	DSi6	39750	2506	1	20.31	21.00	1.172	62.9	1.006	0.19	1.620	1.910
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 4	DSi6	40185	2549.5	1	20.12	21.00	1.225	62.9	1.006	0.04	1.530	1.885
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 4	DSi6	41055	2636.5	1	20.15	21.00	1.216	62.9	1.006	-0.09	1.250	1.529
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 4	DSi6	41490	2680	1	20.14	21.00	1.219	62.9	1.006	-0.03	1.060	1.300
	LTE Band 41	20M	QPSK	100	0	-	Back	0mm	Ant 4	DSi6	40620	2593	1	20.45	21.00	1.135	62.9	1.006	-0.01	1.530	1.747
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DSi6	40620	2593	1	20.58	21.00	1.102	62.9	1.006	0	1.980	2.194
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DSi6	39750	2506	1	20.24	21.00	1.191	62.9	1.006	-0.09	2.040	2.445
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DSi6	40185	2549.5	1	20.15	21.00	1.216	62.9	1.006	-0.16	1.860	2.276



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	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DSi6	41055	2636.5	1	20.13	21.00	1.222	62.9	1.006	0.05	1.370	1.684
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DSi6	41490	2680	1	20.21	21.00	1.199	62.9	1.006	-0.05	1.070	1.291
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 4	DSi6	40620	2593	1	20.53	21.00	1.114	62.9	1.006	0.02	1.900	2.130
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 4	DSi6	39750	2506	1	20.31	21.00	1.172	62.9	1.006	-0.09	2.040	2.406
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 4	DSi6	40185	2549.5	1	20.12	21.00	1.225	62.9	1.006	-0.16	1.860	2.291
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 4	DSi6	41055	2636.5	1	20.15	21.00	1.216	62.9	1.006	0.05	1.370	1.676
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 4	DSi6	41490	2680	1	20.14	21.00	1.219	62.9	1.006	-0.05	1.070	1.312
	LTE Band 41	20M	QPSK	100	0	-	Top Side	0mm	Ant 4	DSi6	40620	2593	1	20.45	21.00	1.135	62.9	1.006	-0.15	1.330	1.519
	LTE Band 41	20M	QPSK	1	0	-	Back	8mm	Ant 4	DSi4	39750	2506	1	23.30	24.00	1.175	62.9	1.006	-0.08	0.764	0.903
	LTE Band 41	20M	QPSK	1	0	-	Top Side	10mm	Ant 4	DSi4	39750	2506	1	23.30	24.00	1.175	62.9	1.006	0.18	0.475	0.561
	LTE Band 41_ENDC	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSi6	40620	2593	1	21.63	23.00	1.371	62.9	1.006	0.05	1.830	2.524
	LTE Band 41_ENDC	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSi6	39750	2506	1	21.13	23.00	1.538	62.9	1.006	-0.08	1.830	2.832
90	LTE Band 41_ENDC	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSi6	40185	2549.5	1	21.40	23.00	1.445	62.9	1.006	0.03	1.990	2.894
	LTE Band 41_ENDC	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSi6	41055	2636.5	1	21.34	23.00	1.466	62.9	1.006	-0.04	1.880	2.772
	LTE Band 41_ENDC	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSi6	41490	2680	1	21.22	23.00	1.507	62.9	1.006	-0.04	1.810	2.743
	LTE Band 41_ENDC	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSi6	40620	2593	1	21.54	23.00	1.400	62.9	1.006	-0.11	1.490	2.098
	LTE Band 41_ENDC	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSi6	39750	2506	1	21.16	23.00	1.528	62.9	1.006	-0.13	1.450	2.228
	LTE Band 41_ENDC	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSi6	40185	2549.5	1	21.43	23.00	1.435	62.9	1.006	-0.04	1.450	2.094
	LTE Band 41_ENDC	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSi6	41055	2636.5	1	21.31	23.00	1.476	62.9	1.006	0.04	1.340	1.989
	LTE Band 41_ENDC	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSi6	41490	2680	1	21.18	23.00	1.521	62.9	1.006	0.02	1.490	2.279
	LTE Band 41_ENDC	20M	QPSK	100	0	-	Back	0mm	Ant 1	DSi6	40620	2593	1	21.53	23.00	1.403	62.9	1.006	0.09	1.530	2.159
	LTE Band 41_ENDC	20M	QPSK	1	0	-	Back	11mm	Ant 1	DSi4	40185	2549.5	1	22.41	24.00	1.442	62.9	1.006	-0.08	0.277	0.402
91	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 1	DSi6	507000	2535	1	20.35	21.00	1.161	-	-	0.01	2.770	3.217
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	0mm	Ant 1	DSi6	507000	2535	1	20.32	21.00	1.169	-	-	-0.17	2.700	3.158
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Back	0mm	Ant 1	DSi6	507000	2535	1	20.20	21.00	1.202	-	-	-0.13	2.500	3.006
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	Ant 1	DSi6	507000	2535	1	20.35	21.00	1.161	-	-	-0.15	1.990	2.311
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Side	0mm	Ant 1	DSi6	507000	2535	1	20.32	21.00	1.169	-	-	-0.17	2.130	2.491
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Left Side	0mm	Ant 1	DSi6	507000	2535	1	20.20	21.00	1.202	-	-	0.02	1.900	2.284
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 1	DSi6	507000	2535	2	20.35	21.00	1.161	-	-	0.17	2.530	2.938
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 1	DSi6	507000	2535	3	20.35	21.00	1.161	-	-	0.06	2.610	3.031
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	11mm	Ant 1	DSi4	507000	2535	1	23.25	24.00	1.189	-	-	0.06	0.463	0.550
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Side	7mm	Ant 1	DSi4	507000	2535	1	23.25	24.00	1.189	-	-	-0.03	0.633	0.752
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Side	7mm	Ant 1	DSi4	507000	2535	1	23.18	24.00	1.208	-	-	0.01	0.624	0.754
	FR1 n7_ENDC	50M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 4	DSi6	507000	2535	1	18.29	19.00	1.178	-	-	-0.13	1.200	1.413
	FR1 n7_ENDC	50M	QPSK	135	68	DFT-SCS-15KHz	Back	0mm	Ant 4	DSi6	507000	2535	1	18.19	19.00	1.205	-	-	-0.1	1.340	1.615
	FR1 n7_ENDC	50M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 4	DSi6	507000	2535	1	18.29	19.00	1.178	-	-	0.07	2.240	2.638
	FR1 n7_ENDC	50M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 4	DSi6	507000	2535	2	18.29	19.00	1.178	-	-	0.02	2.120	2.497
	FR1 n7_ENDC	50M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 4	DSi6	507000	2535	3	18.29	19.00	1.178	-	-	-0.13	2.030	2.391
	FR1 n7_ENDC	50M	QPSK	135	68	DFT-SCS-15KHz	Top Side	0mm	Ant 4	DSi6	507000	2535	1	18.19	19.00	1.205	-	-	0.17	2.110	2.543
	FR1 n7_ENDC	50M	QPSK	270	0	DFT-SCS-15KHz	Top Side	0mm	Ant 4	DSi6	507000	2535	1	18.17	19.00	1.211	-	-	0.1	1.970	2.385
	FR1 n7_ENDC	50M	QPSK	1	1	DFT-SCS-15KHz	Back	8mm	Ant 4	DSi4	507000	2535	1	23.15	24.00	1.216	-	-	0.02	1.840	2.238
	FR1 n7_ENDC	50M	QPSK	135	68	DFT-SCS-15KHz	Back	8mm	Ant 4	DSi4	507000	2535	1	23.05	24.00	1.245	-	-	-0.07	1.760	2.190
	FR1 n7_ENDC	50M	QPSK	1	1	DFT-SCS-15KHz	Top Side	10mm	Ant 4	DSi4	507000	2535	1	23.15	24.00	1.216	-	-	-0.11	1.260	1.532
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Back	0mm	Ant 4	DSi6	5185982592.99	2592.99	1	19.29	20.00	1.178	-	-	0.08	1.590	1.872
92	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 4	DSi6	5185982592.99	2592.99	1	19.24	20.00	1.191	-	-	-0.04	2.060	2.454
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	0mm	Ant 4	DSi6	5185982592.99	2592.99	1	19.16	20.00	1.213	-	-	0.11	2.020	2.451
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Left Side	0mm	Ant 4	DSi6	5185982592.99	2592.99	1	19.29	20.00	1.178	-	-	0.14	1.150	1.354
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 4	DSi6	5185982592.99	2592.99	1	19.24	20.00	1.191	-	-	0.18	1.030	1.227
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Top Side	0mm	Ant 4	DSi6	5185982592.99	2592.99	1	19.29	20.00	1.178	-	-	-0.01	1.890	2.226
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 4	DSi6	5185982592.99	2592.99	1	19.24	20.00	1.191	-	-	0.16	1.630	1.942
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Top Side	0mm	Ant 4	DSi6	5185982592.99	2592.99	1	19.16	20.00	1.213	-	-	0.01	1.690	2.051
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Back	8mm	Ant 4	DSi4	5185982592.99	2592.99	1	23.18	24.00	1.208	-	-	0.03	0.679	0.820
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	8mm	Ant 4	DSi4	5185982592.99	2592.99	1	23.06	24.00	1.242	-	-	0.01	0.604	0.750
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Left Side	2mm	Ant 4	DSi4	5185982592.99	2592.99	1	23.18	24.00	1.208	-	-	-0.16	0.711	0.859
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Top Side	10mm	Ant 4	DSi4	5185982592.99	2592.99	1	23.18	24.00	1.208	-	-	-0.02	0.289	0.349
3500MHz																					



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	LTE Band 42	20M	QPSK	1	0	-	Back	0mm	Ant 5	DSI6	42590	3500	1	22.81	23.00	1.045	62.9	1.006	0.16	1.300	1.366
	LTE Band 42	20M	QPSK	50	0	-	Back	0mm	Ant 5	DSI6	42590	3500	1	22.78	23.00	1.052	62.9	1.006	-0.1	1.060	1.122
	LTE Band 42	20M	QPSK	1	0	-	Top Side	0mm	Ant 5	DSI6	42590	3500	1	22.81	23.00	1.045	62.9	1.006	0.19	2.300	2.417
93	LTE Band 42	20M	QPSK	1	0	-	Top Side	0mm	Ant 5	DSI6	42190	3460	1	22.31	23.00	1.172	62.9	1.006	0.07	2.320	2.736
	LTE Band 42	20M	QPSK	1	0	-	Top Side	0mm	Ant 5	DSI6	42190	3460	2	22.31	23.00	1.172	62.9	1.006	-0.09	2.240	2.641
	LTE Band 42	20M	QPSK	1	0	-	Top Side	0mm	Ant 5	DSI6	42190	3460	3	22.31	23.00	1.172	62.9	1.006	0.05	2.190	2.583
	LTE Band 42	20M	QPSK	1	0	-	Top Side	0mm	Ant 5	DSI6	42990	3540	1	22.58	23.00	1.102	62.9	1.006	0.02	2.100	2.327
	LTE Band 42	20M	QPSK	50	0	-	Top Side	0mm	Ant 5	DSI6	42590	3500	1	22.78	23.00	1.052	62.9	1.006	-0.06	1.940	2.053
	LTE Band 42	20M	QPSK	50	0	-	Top Side	0mm	Ant 5	DSI6	42190	3460	1	22.33	23.00	1.167	62.9	1.006	-0.11	1.870	2.195
	LTE Band 42	20M	QPSK	50	0	-	Top Side	0mm	Ant 5	DSI6	42990	3540	1	22.54	23.00	1.112	62.9	1.006	-0.11	1.660	1.857
	LTE Band 42	20M	QPSK	100	0	-	Top Side	0mm	Ant 5	DSI6	42590	3500	1	22.65	23.00	1.084	62.9	1.006	-0.14	1.920	2.094
	LTE Band 42	20M	QPSK	1	0	-	Back	9mm	Ant 5	DSI4	42590	3500	1	23.71	24.00	1.069	62.9	1.006	-0.09	0.468	0.503
	LTE Band 42	20M	QPSK	1	0	-	Top Side	9mm	Ant 5	DSI4	42190	3460	1	23.27	24.00	1.183	62.9	1.006	0.11	0.414	0.493
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Back	0mm	Ant 5	DSI6	633334	3500.01	1	22.26	22.50	1.057	-	-	0.06	1.980	2.09
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 5	DSI6	633334	3500.01	1	22.23	22.50	1.064	-	-	0.03	1.690	1.80
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Back	0mm	Ant 5	DSI6	633334	3500.01	1	22.13	22.50	1.089	-	-	-0.17	1.850	2.02
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Top Side	0mm	Ant 5	DSI6	633334	3500.01	1	22.26	22.50	1.057	-	-	0.13	2.240	2.37
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 5	DSI6	633334	3500.01	1	22.23	22.50	1.064	-	-	-0.08	2.350	2.50
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Top Side	0mm	Ant 5	DSI6	633334	3500.01	1	22.13	22.50	1.089	-	-	-0.01	2.210	2.41
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Back	9mm	Ant 5	DSI4	633334	3500.01	1	23.67	24.00	1.079	-	-	-0.08	0.580	0.63
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	9mm	Ant 5	DSI4	633334	3500.01	1	23.41	24.00	1.146	-	-	0.16	0.579	0.66
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Top Side	9mm	Ant 5	DSI4	633334	3500.01	1	23.67	24.00	1.079	-	-	0.03	0.592	0.64
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Back	0mm	Ant 1	DSI6	633334	3500.01	1	21.76	22.50	1.186	-	-	0.04	2.280	2.704
94	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 1	DSI6	633334	3500.01	1	21.57	22.50	1.239	-	-	0.17	2.580	3.196
	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 1	DSI6	633334	3500.01	2	21.57	22.50	1.239	-	-	-0.05	2.510	3.109
	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 1	DSI6	633334	3500.01	3	21.57	22.50	1.239	-	-	0	2.460	3.047
	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 1	DSI6	633334	3500.01	1	21.57	22.50	1.239	-	-	0.03	2.450	3.035
	FR1 n78	100M	BPSK	270	0	DFT-SCS-30KHz	Back	0mm	Ant 1	DSI6	633334	3500.01	1	21.48	22.50	1.265	-	-	-0.04	2.450	3.099
	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Back	11mm	Ant 1	DSI4	633334	3500.01	1	23.13	24.00	1.222	-	-	0.02	0.561	0.685
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Back	11mm	Ant 1	DSI4	633334	3500.01	1	23.19	24.00	1.205	-	-	0.05	0.555	0.669
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Back	0mm	Ant 2	DSI4	633334	3500.01	1	20.70	21.50	1.202	-	-	-0.07	2.400	2.89
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Back	0mm	Ant 2	DSI4	633334	3500.01	2	20.70	21.50	1.202	-	-	-0.17	2.340	2.81
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Back	0mm	Ant 2	DSI4	633334	3500.01	3	20.70	21.50	1.202	-	-	-0.04	2.290	2.75
	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 2	DSI4	633334	3500.01	1	20.69	21.50	1.205	-	-	-0.03	2.330	2.81
	FR1 n78	100M	BPSK	270	0	DFT-SCS-30KHz	Back	0mm	Ant 2	DSI4	633334	3500.01	1	20.62	21.50	1.225	-	-	-0.14	2.300	2.82
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Back	0mm	Ant 8	DSI6	633334	3500.01	1	22.89	24.00	1.291	-	-	0.05	1.100	1.42
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Back	0mm	Ant 8	DSI6	633334	3500.01	2	22.89	24.00	1.291	-	-	-0.1	1.060	1.37
	FR1 n78	100M	BPSK	1	137	DFT-SCS-30KHz	Back	0mm	Ant 8	DSI6	633334	3500.01	3	22.89	24.00	1.291	-	-	0.18	0.984	1.27
	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 8	DSI6	633334	3500.01	1	22.86	24.00	1.300	-	-	-0.13	1.010	1.31

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
2450MHz																	
95	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6	Full Power	11	2462	1	18.66	20.00	1.361	99.3	1.007	0.08	0.827	1.134
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6	Simultaneous	11	2462	1	17.71	19.00	1.346	99.3	1.007	0.01	0.625	0.847
	WLAN2.4GHz	802.11b 1Mbps	Back	8mm	Ant 6	Full Power	11	2462	1	18.66	20.00	1.361	99.3	1.007	0.03	0.310	0.425
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6	Full Power	11	2462	2	18.66	20.00	1.361	99.3	1.007	-0.09	0.811	1.112
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6	Full Power	11	2462	3	18.66	20.00	1.361	99.3	1.007	-0.17	0.769	1.054
5000MHz																	
	WLAN5.2GHz	802.11a 6Mbps	Front	0mm	Ant 6	standalone	40	5200	1	16.45	18.00	1.429	95.44	1.048	-0.01	0.611	0.915
	WLAN5.2GHz	802.11a 6Mbps	Back	0mm	Ant 6	standalone	40	5200	1	16.45	18.00	1.429	95.44	1.048	-0.08	0.788	1.180
96	WLAN5.2GHz	802.11a 6Mbps	Top Side	0mm	Ant 6	standalone	40	5200	1	16.45	18.00	1.429	95.44	1.048	0.06	1.850	2.770
	WLAN5.2GHz	802.11a 6Mbps	Top Side	0mm	Ant 6	standalone	40	5200	2	16.45	18.00	1.429	95.44	1.048	-0.06	1.690	2.531
	WLAN5.2GHz	802.11a 6Mbps	Top Side	0mm	Ant 6	standalone	40	5200	3	16.45	18.00	1.429	95.44	1.048	-0.04	1.720	2.576
	WLAN5.2GHz	802.11a 6Mbps	Top Side	0mm	Ant 6	standalone	36	5180	1	16.42	18.00	1.438	95.44	1.048	0.06	1.310	1.974
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 6	Simultaneous	42	5210	1	13.69	15.00	1.352	94.16	1.062	-0.01	0.195	0.280
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6	Simultaneous	42	5210	1	13.69	15.00	1.352	94.16	1.062	-0.08	0.198	0.284
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 6	Simultaneous	42	5210	1	13.69	15.00	1.352	94.16	1.062	-0.01	0.669	0.960
	WLAN5.2GHz	802.11a 6Mbps	Front	5mm	Ant 6	Full Power	40	5200	1	17.98	19.50	1.418	95.44	1.048	0.02	0.247	0.367
	WLAN5.2GHz	802.11a 6Mbps	Back	8mm	Ant 6	Full Power	40	5200	1	17.98	19.50	1.418	95.44	1.048	0.07	0.420	0.624
	WLAN5.2GHz	802.11a 6Mbps	Top Side	10mm	Ant 6	Full Power	40	5200	1	17.98	19.50	1.418	95.44	1.048	0.16	0.309	0.459
	WLAN5.3GHz	802.11a 6Mbps	Front	0mm	Ant 6	standalone	52	5260	1	16.25	18.00	1.496	95.44	1.048	0.18	0.802	1.258
	WLAN5.3GHz	802.11a 6Mbps	Back	0mm	Ant 6	standalone	52	5260	1	16.25	18.00	1.496	95.44	1.048	-0.1	0.694	1.088
	WLAN5.3GHz	802.11a 6Mbps	Right Side	0mm	Ant 6	standalone	52	5260	1	16.25	18.00	1.496	95.44	1.048	0.01	0.385	0.604
97	WLAN5.3GHz	802.11a 6Mbps	Top Side	0mm	Ant 6	standalone	52	5260	1	16.25	18.00	1.496	95.44	1.048	0.1	1.910	2.995
	WLAN5.3GHz	802.11a 6Mbps	Top Side	0mm	Ant 6	standalone	52	5260	2	16.25	18.00	1.496	95.44	1.048	0.01	1.830	2.870
	WLAN5.3GHz	802.11a 6Mbps	Top Side	0mm	Ant 6	standalone	52	5260	3	16.25	18.00	1.496	95.44	1.048	-0.01	1.860	2.917
	WLAN5.3GHz	802.11a 6Mbps	Top Side	0mm	Ant 6	standalone	60	5300	1	16.11	18.00	1.545	95.44	1.048	0.07	1.730	2.802
	WLAN5.3GHz	802.11a 6Mbps	Top Side	0mm	Ant 6	standalone	56	5280	1	16.03	18.00	1.574	95.44	1.048	0.01	1.810	2.986
	WLAN5.3GHz	802.11a 6Mbps	Top Side	0mm	Ant 6	standalone	64	5320	1	16.01	18.00	1.581	95.44	1.048	0.02	1.750	2.900
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 6	Simultaneous	58	5290	1	12.35	14.00	1.462	94.16	1.062	0.01	0.259	0.402
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 6	Simultaneous	58	5290	1	12.35	14.00	1.462	94.16	1.062	0.012	0.606	0.941
	WLAN5.3GHz	802.11a 6Mbps	Front	5mm	Ant 6	Full Power	52	5260	1	18.28	20.00	1.485	95.44	1.048	0.13	0.234	0.364
	WLAN5.3GHz	802.11a 6Mbps	Back	8mm	Ant 6	Full Power	52	5260	1	18.28	20.00	1.485	95.44	1.048	-0.18	0.360	0.560
	WLAN5.3GHz	802.11a 6Mbps	Right Side	5mm	Ant 6	Full Power	52	5260	1	18.28	20.00	1.485	95.44	1.048	0.02	0.166	0.258
	WLAN5.3GHz	802.11a 6Mbps	Top Side	10mm	Ant 6	Full Power	52	5260	1	18.28	20.00	1.485	95.44	1.048	0.16	0.258	0.402
	WLAN5.5GHz	802.11a 6Mbps	Front	0mm	Ant 6	Full Power	132	5660	1	18.55	20.00	1.396	95.44	1.048	0.18	0.962	1.407
	WLAN5.5GHz	802.11a 6Mbps	Back	0mm	Ant 6	Full Power	132	5660	1	18.55	20.00	1.396	95.44	1.048	0.16	0.780	1.141
	WLAN5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 6	Full Power	132	5660	1	18.55	20.00	1.396	95.44	1.048	-0.1	0.516	0.755
98	WLAN5.5GHz	802.11a 6Mbps	Top Side	0mm	Ant 6	Full Power	132	5660	1	18.55	20.00	1.396	95.44	1.048	0.07	1.480	2.164
	WLAN5.5GHz	802.11a 6Mbps	Top Side	0mm	Ant 6	Full Power	132	5660	2	18.55	20.00	1.396	95.44	1.048	0.07	1.390	2.033
	WLAN5.5GHz	802.11a 6Mbps	Top Side	0mm	Ant 6	Full Power	132	5660	3	18.55	20.00	1.396	95.44	1.048	0	1.340	1.960
	WLAN5.5GHz	802.11a 6Mbps	Top Side	0mm	Ant 6	Full Power	124	5620	1	18.44	20.00	1.431	95.44	1.048	0.07	1.250	1.875
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 6	Simultaneous	122	5610	1	15.60	17.00	1.380	94.16	1.062	-0.06	0.458	0.671



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	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6	Simultaneous	122	5610	1	15.60	17.00	1.380	94.16	1.062	0.02	0.509	0.746
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 6	Simultaneous	122	5610	1	15.60	17.00	1.380	94.16	1.062	-0.1	0.516	0.756
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 6	Simultaneous	122	5610	1	15.60	17.00	1.380	94.16	1.062	0.05	0.671	0.983
	WLAN5.5GHz	802.11a 6Mbps	Front	5mm	Ant 6	Full Power	132	5660	1	18.55	20.00	1.396	94.16	1.062	0.01	0.201	0.298
	WLAN5.5GHz	802.11a 6Mbps	Back	8mm	Ant 6	Full Power	132	5660	1	18.55	20.00	1.396	94.16	1.062	-0.04	0.507	0.751
	WLAN5.5GHz	802.11a 6Mbps	Right Side	5mm	Ant 6	Full Power	132	5660	1	18.55	20.00	1.396	94.16	1.062	0.05	0.155	0.230
	WLAN5.5GHz	802.11a 6Mbps	Top Side	10mm	Ant 6	Full Power	132	5660	1	18.55	20.00	1.396	94.16	1.062	0.03	0.393	0.582
	WLAN5.8GHz	802.11a 6Mbps	Front	0mm	Ant 6	Full Power	165	5825	1	18.48	20.00	1.418	95.44	1.048	-0.18	1.030	1.531
	WLAN5.8GHz	802.11a 6Mbps	Back	0mm	Ant 6	Full Power	165	5825	1	18.48	20.00	1.418	95.44	1.048	0.03	0.932	1.385
	WLAN5.8GHz	802.11a 6Mbps	Right Side	0mm	Ant 6	Full Power	165	5825	1	18.48	20.00	1.418	95.44	1.048	-0.15	0.777	1.155
99	WLAN5.8GHz	802.11a 6Mbps	Top Side	0mm	Ant 6	Full Power	165	5825	1	18.48	20.00	1.418	95.44	1.048	-0.08	1.350	2.006
	WLAN5.8GHz	802.11a 6Mbps	Top Side	0mm	Ant 6	Full Power	157	5785	1	18.36	20.00	1.458	95.44	1.048	0.01	1.050	1.604
	WLAN5.8GHz	802.11a 6Mbps	Top Side	0mm	Ant 6	Full Power	165	5825	2	18.48	20.00	1.418	95.44	1.048	0.16	1.250	1.858
	WLAN5.8GHz	802.11a 6Mbps	Top Side	0mm	Ant 6	Full Power	165	5825	3	18.48	20.00	1.418	95.44	1.048	-0.03	1.310	1.947
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 6	Simultaneous	155	5775	1	15.62	17.00	1.374	94.16	1.062	-0.18	0.516	0.753
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 6	Simultaneous	155	5775	1	15.62	17.00	1.374	94.16	1.062	0.03	0.467	0.681
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 6	Simultaneous	155	5775	1	15.62	17.00	1.374	94.16	1.062	-0.15	0.389	0.567
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 6	Simultaneous	155	5775	1	15.62	17.00	1.374	94.16	1.062	-0.08	0.665	0.970
	WLAN5.8GHz	802.11a 6Mbps	Front	5mm	Ant 6	Full Power	165	5825	1	18.48	20.00	1.418	95.44	1.048	0.03	0.195	0.290
	WLAN5.8GHz	802.11a 6Mbps	Back	8mm	Ant 6	Full Power	165	5825	1	18.48	20.00	1.418	95.44	1.048	0.02	0.444	0.660
	WLAN5.8GHz	802.11a 6Mbps	Right Side	5mm	Ant 6	Full Power	165	5825	1	18.48	20.00	1.418	95.44	1.048	0.01	0.141	0.210
	WLAN5.8GHz	802.11a 6Mbps	Top Side	10mm	Ant 6	Full Power	165	5825	1	18.48	20.00	1.418	95.44	1.048	0.01	0.262	0.389



15.5 Repeated SAR Measurement

<1g>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Ratio	Reported 1g SAR (W/kg)
1st	LTE Band 5	10M	QPSK	1	0	-	Back	5mm	Ant 0	DSI7	20525	836.5	22.83	24.00	1.309	-	-	-0.09	1.080	1	1.414
2nd	LTE Band 5	10M	QPSK	1	0	-	Back	5mm	Ant 0	DSI7	20525	836.5	22.83	24.00	1.309	-	-	0.01	0.956	1.130	1.252
1st	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI7	26140	1860	16.14	17.00	1.219	-	-	0.02	1.120	1	1.365
2nd	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI7	26140	1860	16.14	17.00	1.219	-	-	0.01	1.050	1.067	1.280
1st	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI7	21100	2535	17.83	18.50	1.167	-	-	0.08	1.080	1	1.260
2nd	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI7	21100	2535	17.83	18.50	1.167	-	-	0.05	0.958	1.127	1.118
1st	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI7	633334	3500.01	20.09	21.00	1.233	-	-	0.01	1.080	1	1.332
2nd	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI7	633334	3500.01	20.09	21.00	1.233	-	-	0.02	0.954	1.132	1.176
1st	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI7	132322	1745	14.83	15.50	1.167	-	-	0.01	1.100	1	1.283
2nd	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI7	132322	1745	14.83	15.50	1.167	-	-	0.02	1.030	1.068	1.202
1st	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Back	5mm	Ant 6	standalone	11	2462	17.71	19.00	1.346	99.3	1.007	0.07	1.020	1	1.382
2nd	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Back	5mm	Ant 6	standalone	11	2462	17.71	19.00	1.346	99.3	1.007	0.01	0.911	1.120	1.235

<10g>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Ratio	Reported 10g SAR (W/kg)
1st	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI6	132572	1770	18.81	20.00	1.315	0.07	2.700	1	3.551
2nd	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI6	132572	1770	18.81	20.00	1.315	0.01	2.450	1.102	3.222
1st	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI6	372000	1860	19.50	20.50	1.259	0.02	2.670	1	3.361
2nd	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI6	372000	1860	19.50	20.50	1.259	0.05	2.61	1.023	3.286
1st	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 1	DSI6	507000	2535	20.35	21.00	1.161	0.01	2.770	1	3.217
2nd	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 1	DSI6	507000	2535	20.35	21.00	1.161	0.02	2.510	1.104	2.915
1st	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 1	DSI6	633334	3500.01	21.57	22.50	1.239	0.17	2.58	1	3.196
2nd	FR1 n78	100M	BPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 1	DSI6	633334	3500.01	21.57	22.50	1.239	0.03	2.45	1.0	3.035

General Note:

1. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥ 0.8 W/kg.
2. Per KDB 865664 D01v01r04, if the ratio among the repeated measurement is ≤ 1.2 and the measured SAR < 1.45 W/kg, only one repeated measurement is required.
3. Per KDB 865664 D01v01r04, if the extremity repeated SAR is necessary, the same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.
4. The ratio is the difference in percentage between original and repeated *measured SAR*.
5. All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.

16. Simultaneous Transmission Analysis

No.	Simultaneous Transmission Configurations	Portable Handset			
		Head	Body-worn	Hotspot	Product specific 10g SAR
1.	WWAN + WLAN2.4GHz	Yes	Yes	Yes	Yes
2.	WWAN + WLAN5GHz	Yes	Yes	Yes	Yes
3.	WWAN + Bluetooth	Yes	Yes	Yes	Yes
4.	WLAN5GHz+ Bluetooth	Yes	Yes	Yes	Yes
5.	WWAN + WLAN5GHz+ Bluetooth	Yes	Yes	Yes	Yes
6.	WWAN + WLAN2.4GHz+ NFC				Yes
7.	WWAN + WLAN5GHz+ NFC				Yes
8.	WWAN + Bluetooth+ NFC				Yes
9.	WLAN5GHz+ Bluetooth+ NFC				Yes
10.	WWAN + WLAN5GHz+ Bluetooth+ NFC				Yes

General Note:

- This device supports VoIP in GPRS, EGPRS, WCDMA, LTE and 5GNR (e.g. for 3rd-party VoIP), LTE supports VoLTE operation.
- WWAN above includes 5G NR bands and EN-DC combination.
- EUT will choose each GSM, WCDMA, LTE and 5GNR according to the network signal condition; therefore, they will not operate simultaneously at any moment.
- For 5GNR EN-DC mode, standalone SAR performed for 5GNR NSA band with the maximum power, EN-DC SAR summed EN-DC mode 5GNR standalone SAR and LTE standalone SAR, the result of EN-DC SAR is more conservatively.
- This device 2.4GHz WLAN support hotspot operation and Bluetooth support tethering applications.
- This device 5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WLAN Direct (GC/GO), and 5.3GHz / 5.5GHz supports WLAN Direct (GC only). WLAN6GHz has no hotspot function.
- The worst case 5 GHz WLAN SAR for each configuration was used for SAR summation.
- According to the EUT characteristic, WLAN 5GHz and Bluetooth can transmit simultaneously.
- According to the EUT characteristic, WLAN 5GHz and WLAN 2.4GHz can't transmit simultaneously.
- According to the EUT characteristic, WLAN 2.4GHz and Bluetooth cannot transmit simultaneously.
- NFC can transmit simultaneously with other Radios in extremity exposure condition.
- For Headset SAR and non-Headset SAR always chose higher SAR to do co-located analysis.
- For simultaneously analysis, since the SAR summation of 3 transmitters can cover others combination of 2 transmitters, therefore in this section did not additional to evaluate 2TX combination of simultaneously transmission.
- For standalone WWAN, always choose the highest SAR among the selected WWAN band within the selected antenna to perform simultaneous transmission analysis with WLAN/BT. This is the worst co-located analysis and can represent each band.
- For EN-DC SAR co-located with WLAN/Bluetooth, chose the worst SAR among the selected LTE bands within the selected antenna per each test position and also the worst SAR of the selected 5GNR Bands within the selected antenna to do co-located with WLAN/Bluetooth. This is the worst co-located analysis and can represent each LTE bands and each 5GNR band.
- The maximum SAR summation is calculated based on the same configuration and test position.
- Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
 - 1g Scalar SAR summation < 1.6W/kg and 10g Scalar SAR summation < 4.0W/kg.
 - $SPLSR = (SAR1 + SAR2)^{1.5} / (\min. \text{ separation distance, mm})$, and the peak separation distance is determined from the square root of $[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$, where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
 - If $SPLSR \leq 0.04$ for 1g SAR and $SPLSR \leq 0.10$ for 10g SAR, simultaneously transmission SAR measurement is not necessary.
 - Simultaneously transmission SAR measurement, and the reported multi-band 1g SAR < 1.6W/kg and 10g SAR < 4.0W/kg.
 - The SPLSR calculated results please refer to section 16.5.



16.1 Head Exposure Conditions

WWAN Band	Exposure Position	1	2	3	4	1+2	1+3+4
		WWAN	WLAN2.4GHz Ant 6	WLAN5GHz Ant 6	Bluetooth Ant 6	Summed	Summed
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
GSM850 Ant 0	Right Cheek	0.333	0.159	0.302	0.093	0.49	0.73
	Right Tilted	0.186	0.168	0.288	0.091	0.35	0.57
	Left Cheek	0.331	0.325	0.300	0.264	0.66	0.90
	Left Tilted	0.175	0.258	0.400	0.195	0.43	0.77
GSM1900 Ant 0	Right Cheek	0.084	0.159	0.302	0.093	0.24	0.48
	Right Tilted		0.168	0.288	0.091	0.17	0.38
	Left Cheek	0.077	0.325	0.300	0.264	0.40	0.64
	Left Tilted		0.258	0.400	0.195	0.26	0.60
WCDMA II Ant 0	Right Cheek	0.127	0.159	0.302	0.093	0.29	0.52
	Right Tilted	0.089	0.168	0.288	0.091	0.26	0.47
	Left Cheek	0.100	0.325	0.300	0.264	0.43	0.66
	Left Tilted	0.099	0.258	0.400	0.195	0.36	0.69
WCDMA IV Ant 0	Right Cheek	0.135	0.159	0.302	0.093	0.29	0.53
	Right Tilted	0.059	0.168	0.288	0.091	0.23	0.44
	Left Cheek	0.083	0.325	0.300	0.264	0.41	0.65
	Left Tilted		0.258	0.400	0.195	0.26	0.60
WCDMA V Ant 0	Right Cheek	0.248	0.159	0.302	0.093	0.41	0.64
	Right Tilted	0.145	0.168	0.288	0.091	0.31	0.52
	Left Cheek	0.236	0.325	0.300	0.264	0.56	0.80
	Left Tilted	0.138	0.258	0.400	0.195	0.40	0.73
LTE Band 12 Ant 0	Right Cheek	0.136	0.159	0.302	0.093	0.30	0.53
	Right Tilted	0.095	0.168	0.288	0.091	0.26	0.47
	Left Cheek	0.132	0.325	0.300	0.264	0.46	0.70
	Left Tilted	0.076	0.258	0.400	0.195	0.33	0.67
LTE Band 13 Ant 0	Right Cheek	0.124	0.159	0.302	0.093	0.28	0.52
	Right Tilted	0.073	0.168	0.288	0.091	0.24	0.45
	Left Cheek	0.119	0.325	0.300	0.264	0.44	0.68
	Left Tilted	0.073	0.258	0.400	0.195	0.33	0.67
LTE Band 5 Ant 0	Right Cheek	0.250	0.159	0.302	0.093	0.41	0.65
	Right Tilted	0.139	0.168	0.288	0.091	0.31	0.52
	Left Cheek	0.220	0.325	0.300	0.264	0.55	0.78
	Left Tilted	0.126	0.258	0.400	0.195	0.38	0.72
LTE Band 26 Ant 0	Right Cheek	0.181	0.159	0.302	0.093	0.34	0.58
	Right Tilted	0.101	0.168	0.288	0.091	0.27	0.48
	Left Cheek	0.163	0.325	0.300	0.264	0.49	0.73
	Left Tilted	0.092	0.258	0.400	0.195	0.35	0.69
LTE Band 66 Ant 0	Right Cheek	0.138	0.159	0.302	0.093	0.30	0.53
	Right Tilted	0.069	0.168	0.288	0.091	0.24	0.45
	Left Cheek	0.082	0.325	0.300	0.264	0.41	0.65
	Left Tilted	0.061	0.258	0.400	0.195	0.32	0.66
LTE Band 25 Ant 0	Right Cheek	0.133	0.159	0.302	0.093	0.29	0.53
	Right Tilted	0.089	0.168	0.288	0.091	0.26	0.47
	Left Cheek	0.112	0.325	0.300	0.264	0.44	0.68
	Left Tilted	0.104	0.258	0.400	0.195	0.36	0.70
LTE Band 7 Ant 1	Right Cheek	0.391	0.159	0.302	0.093	0.55	0.79
	Right Tilted	0.321	0.168	0.288	0.091	0.49	0.70
	Left Cheek	0.647	0.325	0.300	0.264	0.97	1.21
	Left Tilted	0.204	0.258	0.400	0.195	0.46	0.80
FR1 n26 Ant 0	Right Cheek	0.165	0.159	0.302	0.093	0.32	0.56
	Right Tilted	0.090	0.168	0.288	0.091	0.26	0.47
	Left Cheek	0.159	0.325	0.300	0.264	0.48	0.72



	Left Tilted	0.090	0.258	0.400	0.195	0.35	0.69
FR1 n66 Ant 0	Right Cheek	0.162	0.159	0.302	0.093	0.32	0.56
	Right Tilted	0.077	0.168	0.288	0.091	0.25	0.46
	Left Cheek	0.097	0.325	0.300	0.264	0.42	0.66
	Left Tilted	0.070	0.258	0.400	0.195	0.33	0.67
FR1 n2 Ant 0	Right Cheek	0.109	0.159	0.302	0.093	0.27	0.50
	Right Tilted	0.066	0.168	0.288	0.091	0.23	0.45
	Left Cheek	0.090	0.325	0.300	0.264	0.42	0.65
	Left Tilted	0.080	0.258	0.400	0.195	0.34	0.68
FR1 n7 Ant 1	Right Cheek	0.417	0.159	0.302	0.093	0.58	0.81
	Right Tilted	0.360	0.168	0.288	0.091	0.53	0.74
	Left Cheek	0.707	0.325	0.300	0.264	1.03	1.27
	Left Tilted	0.225	0.258	0.400	0.195	0.48	0.82
FR1 n78 Ant 1	Right Cheek	0.173	0.159	0.302	0.093	0.33	0.57
	Right Tilted	0.222	0.168	0.288	0.091	0.39	0.60
	Left Cheek	0.426	0.325	0.300	0.264	0.75	0.99
	Left Tilted	0.136	0.258	0.400	0.195	0.39	0.73
All Bands Ant2&4&5&8	Right Cheek	0.888	0.159	0.302	0.093	1.05	1.28
	Right Tilted	0.959	0.168	0.288	0.091	1.13	1.34
	Left Cheek	0.919	0.325	0.300	0.264	1.24	1.48
	Left Tilted	0.903	0.258	0.400	0.195	1.16	1.50



WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	1+2+3	1+2+4+5	SPLSR
			WWAN	FR1	WLAN2.4GHz Ant 6	WLAN5GHz Ant 6	Bluetooth Ant 6	Summed	Summed	
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
All Bands Ant0(B2&B4&B5&B66)	All Bands Ant4(N2&N7&N38&41&N66)	Right Cheek	0.250	0.888	0.159	0.302	0.093	1.30	1.53	
		Right Tilted	0.139	0.959	0.168	0.288	0.091	1.27	1.48	
		Left Cheek	0.220	0.592	0.325	0.300	0.264	1.14	1.38	
		Left Tilted	0.126	0.714	0.258	0.400	0.195	1.10	1.44	
LTE Band 2 Ant 0	FR1 n78 Ant 5	Right Cheek	0.133	0.601	0.159	0.302	0.093	0.89	1.13	
		Right Tilted	0.089	0.576	0.168	0.288	0.091	0.83	1.04	
		Left Cheek	0.112	0.727	0.325	0.300	0.264	1.16	1.40	
		Left Tilted	0.104	0.903	0.258	0.400	0.195	1.27	1.60	1
LTE Band 66(4) Ant 0	FR1 n78 Ant 5	Right Cheek	0.138	0.601	0.159	0.302	0.093	0.90	1.13	
		Right Tilted	0.069	0.576	0.168	0.288	0.091	0.81	1.02	
		Left Cheek	0.082	0.727	0.325	0.300	0.264	1.13	1.37	
		Left Tilted	0.061	0.903	0.258	0.400	0.195	1.22	1.56	
LTE Band 5 Ant 0	FR1 n78 Ant 5	Right Cheek	0.250	0.601	0.159	0.302	0.093	1.01	1.25	
		Right Tilted	0.139	0.576	0.168	0.288	0.091	0.88	1.09	
		Left Cheek	0.220	0.727	0.325	0.300	0.264	1.27	1.51	
		Left Tilted	0.126	0.903	0.258	0.400	0.195	1.29	1.62	2
LTE Band 26 Ant 0	FR1 n78 Ant 5	Right Cheek	0.181	0.601	0.159	0.302	0.093	0.94	1.18	
		Right Tilted	0.101	0.576	0.168	0.288	0.091	0.85	1.06	
		Left Cheek	0.163	0.727	0.325	0.300	0.264	1.22	1.45	
		Left Tilted	0.092	0.903	0.258	0.400	0.195	1.25	1.59	
LTE Band 7 Ant 1	FR1 n66 Ant 4	Right Cheek	0.391	0.888	0.159	0.302	0.093	1.44	1.67	3
		Right Tilted	0.321	0.959	0.168	0.288	0.091	1.45	1.66	4
		Left Cheek	0.647	0.592	0.325	0.300	0.264	1.56	1.80	5
		Left Tilted	0.204	0.714	0.258	0.400	0.195	1.18	1.51	
LTE Band 7 Ant 1	FR1 n78 Ant 5	Right Cheek	0.391	0.601	0.159	0.302	0.093	1.15	1.39	
		Right Tilted	0.321	0.576	0.168	0.288	0.091	1.07	1.28	
		Left Cheek	0.647	0.727	0.325	0.300	0.264	1.70	1.94	6&7
		Left Tilted	0.204	0.903	0.258	0.400	0.195	1.37	1.70	8
LTE Band 38 Ant 1	FR1 n78 Ant 5	Right Cheek	0.191	0.601	0.159	0.302	0.093	0.95	1.19	
		Right Tilted	0.166	0.576	0.168	0.288	0.091	0.91	1.12	
		Left Cheek	0.296	0.727	0.325	0.300	0.264	1.35	1.59	
		Left Tilted	0.100	0.903	0.258	0.400	0.195	1.26	1.60	9
LTE Band 41 Ant 1	FR1 n78 Ant 5	Right Cheek	0.567	0.601	0.159	0.302	0.093	1.33	1.56	
		Right Tilted	0.880	0.576	0.168	0.288	0.091	1.62	1.84	10&11
		Left Cheek	0.410	0.727	0.325	0.300	0.264	1.46	1.70	12
		Left Tilted	0.293	0.903	0.258	0.400	0.195	1.45	1.79	13
LTE Band 5 Ant 4	FR1 n66 Ant 0	Right Cheek	0.425	0.162	0.159	0.302	0.093	0.75	0.98	
		Right Tilted	0.363	0.077	0.168	0.288	0.091	0.61	0.82	
		Left Cheek	0.306	0.097	0.325	0.300	0.264	0.73	0.97	
		Left Tilted	0.282	0.070	0.258	0.400	0.195	0.61	0.95	



16.2 Hotspot Exposure Conditions

WWAN Band	Exposure Position	1	2	3	4	1+2	1+3+4	SPLSR
		WWAN	WLAN2.4GHz Ant 6	WLAN5GHz Ant 6	Bluetooth Ant 6	Summed	Summed	
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
GSM850 Ant 0	Front	0.680	0.251	0.257	0.043	0.93	0.98	
	Back	1.307	0.547	0.516	0.121	1.85	1.94	76&77
	Left side	0.222				0.22	0.22	
	Right side	0.496	0.308	0.512	0.050	0.80	1.06	
	Top side		0.249	0.615	0.032	0.25	0.65	
	Bottom side	1.438				1.44	1.44	
GSM1900 Ant 0	Front	0.423	0.251	0.257	0.043	0.67	0.72	
	Back	0.942	0.547	0.516	0.121	1.49	1.58	
	Left side	0.057				0.06	0.06	
	Right side	0.074	0.308	0.512	0.050	0.38	0.64	
	Top side		0.249	0.615	0.032	0.25	0.65	
	Bottom side	1.426				1.43	1.43	
WCDMA II Ant 0	Front	0.365	0.251	0.257	0.043	0.62	0.67	
	Back	0.735	0.547	0.516	0.121	1.28	1.37	
	Left side	0.057				0.06	0.06	
	Right side	0.053	0.308	0.512	0.050	0.36	0.62	
	Top side		0.249	0.615	0.032	0.25	0.65	
	Bottom side	1.334				1.33	1.33	
WCDMA IV Ant 0	Front	0.395	0.251	0.257	0.043	0.65	0.70	
	Back	1.032	0.547	0.516	0.121	1.58	1.67	78
	Left side	0.038				0.04	0.04	
	Right side	0.062	0.308	0.512	0.050	0.37	0.62	
	Top side		0.249	0.615	0.032	0.25	0.65	
	Bottom side	1.295				1.30	1.30	
WCDMA V Ant 0	Front	0.426	0.251	0.257	0.043	0.68	0.73	
	Back	1.257	0.547	0.516	0.121	1.80	1.89	160&79
	Left side	0.173				0.17	0.17	
	Right side	0.324	0.308	0.512	0.050	0.63	0.89	
	Top side		0.249	0.615	0.032	0.25	0.65	
	Bottom side	0.692				0.69	0.69	
LTE Band 12 Ant 0	Front	0.271	0.251	0.257	0.043	0.52	0.57	
	Back	0.621	0.547	0.516	0.121	1.17	1.26	
	Left side	0.233				0.23	0.23	
	Right side	0.433	0.308	0.512	0.050	0.74	1.00	
	Top side		0.249	0.615	0.032	0.25	0.65	
	Bottom side	0.542				0.54	0.54	
LTE Band 13 Ant 0	Front	0.310	0.251	0.257	0.043	0.56	0.61	
	Back	0.693	0.547	0.516	0.121	1.24	1.33	
	Left side	0.214				0.21	0.21	
	Right side	0.420	0.308	0.512	0.050	0.73	0.98	
	Top side		0.249	0.615	0.032	0.25	0.65	
	Bottom side	0.664				0.66	0.66	
LTE Band 5 Ant 0	Front	0.668	0.251	0.257	0.043	0.92	0.97	
	Back	1.414	0.547	0.516	0.121	1.96	2.05	80&81
	Left side	0.152				0.15	0.15	
	Right side	0.427	0.308	0.512	0.050	0.74	0.99	
	Top side		0.249	0.615	0.032	0.25	0.65	
	Bottom side	1.218				1.22	1.22	
LTE Band 26 Ant 0	Front	0.508	0.251	0.257	0.043	0.76	0.81	
	Back	0.937	0.547	0.516	0.121	1.48	1.57	



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	Left side	0.185				0.19	0.19	
	Right side	0.384	0.308	0.512	0.050	0.69	0.95	
	Top side		0.249	0.615	0.032	0.25	0.65	
	Bottom side	0.849				0.85	0.85	
LTE Band 66 Ant 0	Front	0.399	0.251	0.257	0.043	0.65	0.70	
	Back	1.277	0.547	0.516	0.121	1.82	1.91	82&83
	Left side	0.039				0.04	0.04	
	Right side	0.062	0.308	0.512	0.050	0.37	0.62	
	Top side		0.249	0.615	0.032	0.25	0.65	
	Bottom side	1.283				1.28	1.28	
LTE Band 25 Ant 0	Front	0.352	0.251	0.257	0.043	0.60	0.65	
	Back	0.788	0.547	0.516	0.121	1.34	1.43	
	Left side	0.042				0.04	0.04	
	Right side	0.049	0.308	0.512	0.050	0.36	0.61	
	Top side		0.249	0.615	0.032	0.25	0.65	
	Bottom side	1.365				1.37	1.37	
LTE Band 7 Ant 1	Front	0.639	0.251	0.257	0.043	0.89	0.94	
	Back	1.260	0.547	0.516	0.121	1.81	1.90	84&85
	Left side	0.676				0.68	0.68	
	Right side	0.060	0.308	0.512	0.050	0.37	0.62	
	Top side		0.249	0.615	0.032	0.25	0.65	
	Bottom side	0.485				0.49	0.49	
FR1 n26 Ant 0	Front	0.524	0.251	0.257	0.043	0.78	0.82	
	Back	1.091	0.547	0.516	0.121	1.64	1.73	86&87
	Left side					0.00	0.00	
	Right side	0.227	0.308	0.512	0.050	0.54	0.79	
	Top side		0.249	0.615	0.032	0.25	0.65	
	Bottom side	0.676				0.68	0.68	
FR1 n66 Ant 0	Front	0.393	0.251	0.257	0.043	0.64	0.69	
	Back	1.129	0.547	0.516	0.121	1.68	1.77	88&89
	Left side	0.039				0.04	0.04	
	Right side	0.065	0.308	0.512	0.050	0.37	0.63	
	Top side		0.249	0.615	0.032	0.25	0.65	
	Bottom side	1.388				1.39	1.39	
FR1 n2 Ant 0	Front	0.278	0.251	0.257	0.043	0.53	0.58	
	Back	0.626	0.547	0.516	0.121	1.17	1.26	
	Left side	0.037				0.04	0.04	
	Right side	0.050	0.308	0.512	0.050	0.36	0.61	
	Top side		0.249	0.615	0.032	0.25	0.65	
	Bottom side	1.263				1.26	1.26	
FR1 n7 Ant 1	Front	0.658	0.251	0.257	0.043	0.91	0.96	
	Back	1.228	0.547	0.516	0.121	1.78	1.87	90&91
	Left side	0.894				0.89	0.89	
	Right side	0.085	0.308	0.512	0.050	0.39	0.65	
	Top side		0.249	0.615	0.032	0.25	0.65	
	Bottom side	0.583				0.58	0.58	
FR1 n78 Ant 1	Front	0.584	0.251	0.257	0.043	0.84	0.88	
	Back	1.332	0.547	0.516	0.121	1.88	1.97	92&93
	Left side	0.663				0.66	0.66	
	Right side	0.054	0.308	0.512	0.050	0.36	0.62	
	Top side		0.249	0.615	0.032	0.25	0.65	
	Bottom side	0.596				0.60	0.60	
All Band Ant2&4&5&8	Front	0.353	0.251	0.257	0.043	0.60	0.65	
	Back	0.779	0.547	0.516	0.121	1.33	1.42	
	Left side	0.217				0.22	0.22	
	Right side	0.163	0.308	0.512	0.050	0.47	0.73	



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	Top side	0.757	0.249	0.615	0.032	1.01	1.40	
	Bottom side					0.00	0.00	

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	1+2+3	1+2+4+5	SPLSR
			WWAN	FR1	WLAN2.4GHz Ant 6	WLAN5GHz Ant 6	Bluetooth Ant 6	Summed	Summed	
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
LTE Band 2 Ant 0	FR1 n2 Ant 4	Front	0.352	0.203	0.251	0.257	0.043	0.81	0.86	
		Back	0.788	0.425	0.547	0.516	0.121	1.76	1.85	94&95
		Left side	0.042	0.055				0.10	0.10	
		Right side	0.049	0.023	0.308	0.512	0.050	0.38	0.63	
		Top side		0.757	0.249	0.615	0.032	1.01	1.40	
		Bottom side	1.365					1.37	1.37	
LTE Band 2 Ant 0	FR1 n7 Ant 4	Front	0.352	0.226	0.251	0.257	0.043	0.83	0.88	
		Back	0.788	0.631	0.547	0.516	0.121	1.97	2.06	96&97
		Left side	0.042	0.155				0.20	0.20	
		Right side	0.049	0.004	0.308	0.512	0.050	0.36	0.62	
		Top side		0.767	0.249	0.615	0.032	1.02	1.41	
		Bottom side	1.365					1.37	1.37	
LTE Band 2 Ant 0	FR1 n41(38) Ant 4	Front	0.352	0.174	0.251	0.257	0.043	0.78	0.83	
		Back	0.788	0.756	0.547	0.516	0.121	2.09	2.18	98&99
		Left side	0.042	0.197				0.24	0.24	
		Right side	0.049	0.006	0.308	0.512	0.050	0.36	0.62	
		Top side		0.497	0.249	0.615	0.032	0.75	1.14	
		Bottom side	1.365					1.37	1.37	
LTE Band 2 Ant 0	FR1 n66 Ant 4	Front	0.352	0.353	0.251	0.257	0.043	0.96	1.01	
		Back	0.788	0.488	0.547	0.516	0.121	1.82	1.91	100&101
		Left side	0.042	0.064				0.11	0.11	
		Right side	0.049	0.025	0.308	0.512	0.050	0.38	0.64	
		Top side		0.728	0.249	0.615	0.032	0.98	1.38	
		Bottom side	1.365					1.37	1.37	
LTE Band 66(4) Ant 0	FR1 n2 Ant 4	Front	0.399	0.203	0.251	0.257	0.043	0.85	0.90	
		Back	1.277	0.425	0.547	0.516	0.121	2.25	2.34	102&103
		Left side	0.039	0.055				0.09	0.09	
		Right side	0.062	0.023	0.308	0.512	0.050	0.39	0.65	
		Top side		0.757	0.249	0.615	0.032	1.01	1.40	
		Bottom side	1.283					1.28	1.28	
LTE Band 66(4) Ant 0	FR1 n7 Ant 4	Front	0.399	0.226	0.251	0.257	0.043	0.88	0.93	
		Back	1.277	0.631	0.547	0.516	0.121	2.46	2.55	104&105
		Left side	0.039	0.155				0.19	0.19	
		Right side	0.062	0.004	0.308	0.512	0.050	0.37	0.63	
		Top side		0.767	0.249	0.615	0.032	1.02	1.41	
		Bottom side	1.283					1.28	1.28	
LTE Band 66(4) Ant 0	FR1 n41(38) Ant 4	Front	0.399	0.174	0.251	0.257	0.043	0.82	0.87	
		Back	1.277	0.756	0.547	0.516	0.121	2.58	2.67	106&107
		Left side	0.039	0.197				0.24	0.24	
		Right side	0.062	0.006	0.308	0.512	0.050	0.38	0.63	
		Top side		0.497	0.249	0.615	0.032	0.75	1.14	
		Bottom side	1.283					1.28	1.28	
LTE Band 66(4) Ant 0	FR1 n66 Ant 4	Front	0.399	0.353	0.251	0.257	0.043	1.00	1.05	
		Back	1.277	0.488	0.547	0.516	0.121	2.31	2.40	108&109
		Left side	0.039	0.064				0.10	0.10	
		Right side	0.062	0.025	0.308	0.512	0.050	0.40	0.65	
		Top side		0.728	0.249	0.615	0.032	0.98	1.38	
		Bottom side	1.283					1.28	1.28	
LTE Band 5 Ant 0	FR1 n2 Ant 4	Front	0.668	0.203	0.251	0.257	0.043	1.12	1.17	



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		Back	1.414	0.425	0.547	0.516	0.121	2.39	2.48	110&111
		Left side	0.152	0.055				0.21	0.21	
		Right side	0.427	0.023	0.308	0.512	0.050	0.76	1.01	
		Top side		0.757	0.249	0.615	0.032	1.01	1.40	
		Bottom side	1.244					1.24	1.24	
LTE Band 5 Ant 0	FR1 n7 Ant 4	Front	0.668	0.226	0.251	0.257	0.043	1.15	1.19	
		Back	1.414	0.631	0.547	0.516	0.121	2.59	2.68	112&113
		Left side	0.152	0.155				0.31	0.31	
		Right side	0.427	0.004	0.308	0.512	0.050	0.74	0.99	
		Top side		0.767	0.249	0.615	0.032	1.02	1.41	
LTE Band 5 Ant 0	FR1 n41(38) Ant 4	Bottom side	1.244					1.24	1.24	
		Front	0.668	0.174	0.251	0.257	0.043	1.09	1.14	
		Back	1.414	0.756	0.547	0.516	0.121	2.72	2.81	114&115
		Left side	0.152	0.197				0.35	0.35	
		Right side	0.427	0.006	0.308	0.512	0.050	0.74	1.00	
LTE Band 5 Ant 0	FR1 n66 Ant 4	Top side		0.497	0.249	0.615	0.032	0.75	1.14	
		Bottom side	1.244					1.24	1.24	
		Front	0.668	0.353	0.251	0.257	0.043	1.27	1.32	
		Back	1.414	0.488	0.547	0.516	0.121	2.45	2.54	116&117
		Left side	0.152	0.064				0.22	0.22	
LTE Band 2 Ant 0	FR1 n78 Ant 5	Right side	0.427	0.025	0.308	0.512	0.050	0.76	1.01	
		Top side		0.728	0.249	0.615	0.032	0.98	1.38	
		Bottom side	1.244					1.24	1.24	
		Front	0.352	0.241	0.251	0.257	0.043	0.84	0.89	
		Back	0.788	0.658	0.547	0.516	0.121	1.99	2.08	118&119
LTE Band 66(4) Ant 0	FR1 n78 Ant 5	Left side	0.042	0.051				0.09	0.09	
		Right side	0.049	0.121	0.308	0.512	0.050	0.48	0.73	
		Top side		0.489	0.249	0.615	0.032	0.74	1.14	
		Bottom side	1.365					1.37	1.37	
		Front	0.399	0.241	0.251	0.257	0.043	0.89	0.94	
LTE Band 5 Ant 0	FR1 n78 Ant 5	Back	1.277	0.658	0.547	0.516	0.121	2.48	2.57	120&121
		Left side	0.039	0.051				0.09	0.09	
		Right side	0.062	0.121	0.308	0.512	0.050	0.49	0.75	
		Top side		0.489	0.249	0.615	0.032	0.74	1.14	
		Bottom side	1.283					1.28	1.28	
LTE Band 5 Ant 0	FR1 n78 Ant 5	Front	0.668	0.241	0.251	0.257	0.043	1.16	1.21	
		Back	1.414	0.658	0.547	0.516	0.121	2.62	2.71	122&123
		Left side	0.152	0.051				0.20	0.20	
		Right side	0.427	0.121	0.308	0.512	0.050	0.86	1.11	
		Top side		0.489	0.249	0.615	0.032	0.74	1.14	
LTE Band 26 Ant 0	FR1 n78 Ant 5	Bottom side	1.244					1.24	1.24	
		Front	0.508	0.241	0.251	0.257	0.043	1.00	1.05	
		Back	0.937	0.658	0.547	0.516	0.121	2.14	2.23	124&125
		Left side	0.185	0.051				0.24	0.24	
		Right side	0.384	0.121	0.308	0.512	0.050	0.81	1.07	
LTE Band 7 Ant 1	FR1 n66 Ant 4	Top side		0.489	0.249	0.615	0.032	0.74	1.14	
		Bottom side	0.849					0.85	0.85	
		Front	0.639	0.353	0.251	0.257	0.043	1.24	1.29	
		Back	1.260	0.488	0.547	0.516	0.121	2.30	2.39	126&127
		Left side	0.676	0.064				0.74	0.74	
LTE Band 7 Ant 1	FR1 n78 Ant 5	Right side	0.060	0.025	0.308	0.512	0.050	0.39	0.65	
		Top side		0.728	0.249	0.615	0.032	0.98	1.38	
		Bottom side	0.485					0.49	0.49	
LTE Band 7 Ant 1	FR1 n78 Ant 5	Front	0.639	0.241	0.251	0.257	0.043	1.13	1.18	
		Back	1.260	0.658	0.547	0.516	0.121	2.47	2.56	128&129
		Left side	0.676	0.051				0.73	0.73	



		Right side	0.060	0.121	0.308	0.512	0.050	0.49	0.74	
		Top side		0.489	0.249	0.615	0.032	0.74	1.14	
		Bottom side	0.485					0.49	0.49	
LTE Band 41(38) Ant 1	FR1 n78 Ant 5	Front	0.796	0.241	0.251	0.257	0.043	1.29	1.34	
		Back	1.394	0.658	0.547	0.516	0.121	2.60	2.69	130&131
		Left side	0.809	0.051				0.86	0.86	
		Right side	0.058	0.121	0.308	0.512	0.050	0.49	0.74	
		Top side		0.489	0.249	0.615	0.032	0.74	1.14	
		Bottom side	0.450					0.45	0.45	
LTE Band 5 Ant 4	FR1 n66 Ant 0	Front	0.174	0.393	0.251	0.257	0.043	0.82	0.87	
		Back	0.474	1.129	0.547	0.516	0.121	2.15	2.24	132&133
		Left side	0.082	0.039				0.12	0.12	
		Right side		0.065	0.308	0.512	0.050	0.37	0.63	
		Top side	0.296		0.249	0.615	0.032	0.55	0.94	
		Bottom side		1.388				1.39	1.39	

16.3 Body-Worn Accessory Exposure Conditions

WWAN Band	Exposure Position	1	2	3	4	1+2	1+3+4	SPLSR
		WWAN	WLAN2.4GHz Ant 6	WLAN5GHz Ant 6	Bluetooth Ant 6	Summed	Summed	
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
GSM850 Ant 0	Front	0.680	0.199	0.213	0.043	0.88	0.94	
	Back	1.444	0.370	0.375	0.121	1.81	1.94	14&15
GSM1900 Ant 0	Front	0.684	0.199	0.213	0.043	0.88	0.94	
	Back	1.429	0.370	0.375	0.121	1.80	1.93	16&17
WCDMA II Ant 0	Front	0.565	0.199	0.213	0.043	0.76	0.82	
	Back	1.139	0.370	0.375	0.121	1.51	1.64	18
WCDMA IV Ant 0	Front	0.605	0.199	0.213	0.043	0.80	0.86	
	Back	1.204	0.370	0.375	0.121	1.57	1.70	19
WCDMA V Ant 0	Front	0.426	0.199	0.213	0.043	0.63	0.68	
	Back	1.257	0.370	0.375	0.121	1.63	1.75	15&159
LTE Band 12 Ant 0	Front	0.271	0.199	0.213	0.043	0.47	0.53	
	Back	0.621	0.370	0.375	0.121	0.99	1.12	
LTE Band 13 Ant 0	Front	0.310	0.199	0.213	0.043	0.51	0.57	
	Back	0.693	0.370	0.375	0.121	1.06	1.19	
LTE Band 5 Ant 0	Front	0.668	0.199	0.213	0.043	0.87	0.92	
	Back	1.414	0.370	0.375	0.121	1.78	1.91	20&21
LTE Band 26 Ant 0	Front	0.508	0.199	0.213	0.043	0.71	0.76	
	Back	0.937	0.370	0.375	0.121	1.31	1.43	
LTE Band 66 Ant 0	Front	0.565	0.199	0.213	0.043	0.76	0.82	
	Back	1.427	0.370	0.375	0.121	1.80	1.92	22&23
LTE Band 25 Ant 0	Front	0.543	0.199	0.213	0.043	0.74	0.80	
	Back	1.322	0.370	0.375	0.121	1.69	1.82	24&25
LTE Band 7 Ant 1	Front	0.639	0.199	0.213	0.043	0.84	0.90	
	Back	1.260	0.370	0.375	0.121	1.63	1.76	26&27
FR1 n26 Ant 0	Front	0.524	0.199	0.213	0.043	0.72	0.78	
	Back	1.091	0.370	0.375	0.121	1.46	1.59	
FR1 n66 Ant 0	Front	0.571	0.199	0.213	0.043	0.77	0.83	
	Back	1.340	0.370	0.375	0.121	1.71	1.84	28&29
FR1 n2 Ant 0	Front	0.429	0.199	0.213	0.043	0.63	0.69	
	Back	1.207	0.370	0.375	0.121	1.58	1.70	30
FR1 n7 Ant 1	Front	0.600	0.199	0.213	0.043	0.80	0.86	
	Back	1.120	0.370	0.375	0.121	1.49	1.62	31
FR1 n78 Ant 1	Front	0.584	0.199	0.213	0.043	0.78	0.84	
	Back	1.332	0.370	0.375	0.121	1.70	1.83	32&33
All Bands Ant2&4&5&8	Front	0.637	0.199	0.213	0.043	0.84	0.89	
	Back	1.078	0.370	0.375	0.121	1.45	1.57	



WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	1+2+3	1+2+4+5	SPLSR
			WWAN	FR1	WLAN2.4GHz Ant 6	WLAN5GHz Ant 6	Bluetooth Ant 6	Summed	Summed	
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
LTE Band 2 Ant 0	FR1 n2 Ant 4	Front	0.543	0.468	0.199	0.213	0.043	1.21	1.27	
		Back	1.322	0.978	0.370	0.375	0.121	2.67	2.80	34&35
LTE Band 2 Ant 0	FR1 n7 Ant 4	Front	0.543	0.300	0.199	0.213	0.043	1.04	1.10	
		Back	1.322	0.857	0.370	0.375	0.121	2.55	2.68	36&37
LTE Band 2 Ant 0	FR1 n41(38) Ant 4	Front	0.543	0.238	0.199	0.213	0.043	0.98	1.04	
		Back	1.322	0.853	0.370	0.375	0.121	2.55	2.67	38&39
LTE Band 2 Ant 0	FR1 n66 Ant 4	Front	0.543	0.637	0.199	0.213	0.043	1.38	1.44	
		Back	1.322	0.883	0.370	0.375	0.121	2.58	2.70	40&41
LTE Band 66(4) Ant 0	FR1 n2 Ant 4	Front	0.449	0.468	0.199	0.213	0.043	1.12	1.17	
		Back	1.427	0.978	0.370	0.375	0.121	2.78	2.90	42&43
LTE Band 66(4) Ant 0	FR1 n7 Ant 4	Front	0.449	0.300	0.199	0.213	0.043	0.95	1.01	
		Back	1.427	0.857	0.370	0.375	0.121	2.65	2.78	44&45
LTE Band 66(4) Ant 0	FR1 n41(38) Ant 4	Front	0.449	0.238	0.199	0.213	0.043	0.89	0.94	
		Back	1.427	0.853	0.370	0.375	0.121	2.65	2.78	46&47
LTE Band 66(4) Ant 0	FR1 n66 Ant 4	Front	0.449	0.637	0.199	0.213	0.043	1.29	1.34	
		Back	1.427	0.883	0.370	0.375	0.121	2.68	2.81	48&49
LTE Band 5 Ant 0	FR1 n2 Ant 4	Front	0.668	0.468	0.199	0.213	0.043	1.34	1.39	
		Back	1.414	0.978	0.370	0.375	0.121	2.76	2.89	50&51
LTE Band 5 Ant 0	FR1 n7 Ant 4	Front	0.668	0.300	0.199	0.213	0.043	1.17	1.22	
		Back	1.414	0.857	0.370	0.375	0.121	2.64	2.77	52&53
LTE Band 5 Ant 0	FR1 n41(38) Ant 4	Front	0.668	0.238	0.199	0.213	0.043	1.11	1.16	
		Back	1.414	0.853	0.370	0.375	0.121	2.64	2.76	54&55
LTE Band 5 Ant 0	FR1 n66 Ant 4	Front	0.668	0.637	0.199	0.213	0.043	1.50	1.56	
		Back	1.414	0.883	0.370	0.375	0.121	2.67	2.79	56&57
LTE Band 2 Ant 0	FR1 n78 Ant 5	Front	0.543	0.337	0.199	0.213	0.043	1.08	1.14	
		Back	1.322	0.922	0.370	0.375	0.121	2.61	2.74	58&59
LTE Band 66(4) Ant 0	FR1 n78 Ant 5	Front	0.449	0.337	0.199	0.213	0.043	0.99	1.04	
		Back	1.427	0.922	0.370	0.375	0.121	2.72	2.85	60&61
LTE Band 5 Ant 0	FR1 n78 Ant 5	Front	0.668	0.337	0.199	0.213	0.043	1.20	1.26	
		Back	1.414	0.922	0.370	0.375	0.121	2.71	2.83	62&63
LTE Band 26 Ant 0	FR1 n78 Ant 5	Front	0.508	0.337	0.199	0.213	0.043	1.04	1.10	
		Back	0.937	0.922	0.370	0.375	0.121	2.23	2.36	64&65
LTE Band 7 Ant 1	FR1 n66 Ant 4	Front	0.639	0.637	0.199	0.213	0.043	1.48	1.53	
		Back	1.260	0.883	0.370	0.375	0.121	2.51	2.64	66&67
LTE Band 7 Ant 1	FR1 n78 Ant 5	Front	0.639	0.337	0.199	0.213	0.043	1.18	1.23	
		Back	1.260	0.922	0.370	0.375	0.121	2.55	2.68	68&69
LTE Band 38 Ant 1	FR1 n78 Ant 5	Front	0.960	0.337	0.199	0.213	0.043	1.50	1.55	
		Back	1.426	0.922	0.370	0.375	0.121	2.72	2.84	70&71
LTE Band 41 Ant 1	FR1 n78 Ant 5	Front	0.796	0.337	0.199	0.213	0.043	1.33	1.39	
		Back	1.394	0.922	0.370	0.375	0.121	2.69	2.81	72&73
LTE Band 5 Ant 4	FR1 n66 Ant 0	Front	0.174	0.467	0.199	0.213	0.043	0.84	0.90	
		Back	0.474	1.340	0.370	0.375	0.121	2.18	2.31	74&75



<Sensor off>

WWAN Band	Exposure Position	1	2	3	4	1+2	1+3+4	SPLSR
		WWAN	WLAN2.4GHz Ant 6	WLAN5GHz Ant 6	Bluetooth Ant 6	Summed	Summed	
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
GSM850 Ant 0	Front	0.272	0.128	0.282	0.043	0.40	0.60	
	Back	0.335	0.188	0.578	0.043	0.52	0.96	
GSM1900 Ant 0	Front	0.287	0.128	0.282	0.043	0.42	0.61	
	Back	0.404	0.188	0.578	0.043	0.59	1.03	
WCDMA II Ant 0	Front	0.431	0.128	0.282	0.043	0.56	0.76	
	Back	0.600	0.188	0.578	0.043	0.79	1.22	
WCDMA IV Ant 0	Front	0.605	0.128	0.282	0.043	0.73	0.93	
	Back	0.950	0.188	0.578	0.043	1.14	1.57	
LTE Band 7 Ant 1	Front	0.453	0.128	0.282	0.043	0.58	0.78	
	Back	0.445	0.188	0.578	0.043	0.63	1.07	
LTE Band 25 Ant 0	Front	0.343	0.128	0.282	0.043	0.47	0.67	
	Back	0.566	0.188	0.578	0.043	0.75	1.19	
LTE Band 66 Ant 0	Front	0.565	0.128	0.282	0.043	0.69	0.89	
	Back	1.076	0.188	0.578	0.043	1.26	1.70	23-1
LTE Band 38 Ant 1	Front	0.276	0.128	0.282	0.043	0.40	0.60	
	Back	0.265	0.188	0.578	0.043	0.45	0.89	
LTE Band 41 Ant 1	Front	0.258	0.128	0.282	0.043	0.39	0.58	
	Back	0.254	0.188	0.578	0.043	0.44	0.88	
FR1 n2 Ant 0	Front	0.394	0.128	0.282	0.043	0.52	0.72	
	Back	0.604	0.188	0.578	0.043	0.79	1.23	
FR1 n66 Ant 0	Front	0.571	0.128	0.282	0.043	0.70	0.90	
	Back	1.022	0.188	0.578	0.043	1.21	1.64	29-1
FR1 n7 Ant 1	Front	0.411	0.128	0.282	0.043	0.54	0.74	
	Back	0.402	0.188	0.578	0.043	0.59	1.02	
FR1 n78 Ant 1	Front	0.298	0.128	0.282	0.043	0.43	0.62	
	Back	0.482	0.188	0.578	0.043	0.67	1.10	
All Bands Ant2&4&5&8	Front	0.563	0.128	0.282	0.043	0.69	0.89	
	Back	0.789	0.188	0.578	0.043	0.98	1.41	

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	1+2+3	1+2+4+5
			WWAN	FR1	WLAN2.4GHz Ant 6	WLAN5GHz Ant 6	Bluetooth Ant 6	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
All Bands Ant0(B2&B4&B5&B66)	All Bands Ant4(N2&N7&N38&41&N66)	Front	0.302	0.332	0.128	0.282	0.043	0.76	0.96
		Back	0.347	0.333	0.188	0.578	0.121	0.87	1.38
All Bands Ant0(B2&B4&B5&B66&26)	FR1 n78 Ant 5	Front	0.302	0.386	0.128	0.282	0.043	0.82	1.01
		Back	0.347	0.296	0.188	0.578	0.121	0.83	1.34
LTE Band 7 Ant 1	FR1 n66 Ant 4	Front	0.309	0.176	0.128	0.282	0.043	0.61	0.81
		Back	0.180	0.108	0.188	0.578	0.121	0.48	0.99
All Band Ant1(B7&B38&B41)	FR1 n78 Ant 5	Front	0.309	0.386	0.128	0.282	0.043	0.82	1.02
		Back	0.274	0.296	0.188	0.578	0.121	0.76	1.27
LTE Band 5 Ant 4	FR1 n66 Ant 0	Front		0.550	0.128	0.282	0.043	0.68	0.88
		Back		0.478	0.188	0.578	0.121	0.67	1.18

16.4 Product specific 10g SAR Exposure Conditions

Remark:

- For Bluetooth Product specific 10g stand-alone SAR is not required for a transmitter or antenna, due to 1g hotspot SAR is <1.2W/kg.

WWAN Band	Exposure Position	1	2	3	5	1+2+5	1+3+5	SPLSR
		WWAN	WLAN2.4GHz Ant 6	WLAN5GHz Ant 6	NFC	Summed	Summed	
		10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	
GSM850 Ant 0	Front			0.753	0.001	0.00	0.75	
	Back	1.568	0.847	0.746	0.010	2.43	2.32	
	Left side				0.001	0.00	0.00	
	Right side			0.756	0.001	0.00	0.76	
	Top side			0.983	0.001	0.00	0.98	
	Bottom side	2.397			0.001	2.40	2.40	
GSM1900 Ant 0	Front			0.753	0.001	0.00	0.75	
	Back	1.880	0.847	0.746	0.010	2.74	2.64	
	Left side				0.001	0.00	0.00	
	Right side			0.756	0.001	0.00	0.76	
	Top side			0.983	0.001	0.00	0.98	
	Bottom side	3.564			0.001	3.57	3.57	
WCDMA II Ant 0	Front			0.753	0.001	0.00	0.75	
	Back	2.139	0.847	0.746	0.010	3.00	2.90	
	Left side				0.001	0.00	0.00	
	Right side			0.756	0.001	0.00	0.76	
	Top side			0.983	0.001	0.00	0.98	
	Bottom side	3.521			0.001	3.52	3.52	
WCDMA IV Ant 0	Front			0.753	0.001	0.00	0.75	
	Back	2.797	0.847	0.746	0.010	3.65	3.55	
	Left side				0.001	0.00	0.00	
	Right side			0.756	0.001	0.00	0.76	
	Top side			0.983	0.001	0.00	0.98	
	Bottom side	3.459			0.001	3.46	3.46	
WCDMA V Ant 0	Front			0.753	0.001	0.00	0.75	
	Back	1.162	0.847	0.746	0.010	2.02	1.92	
	Left side				0.001	0.00	0.00	
	Right side			0.756	0.001	0.00	0.76	
	Top side			0.983	0.001	0.00	0.98	
	Bottom side				0.001	0.00	0.00	
LTE Band 5 Ant 0	Front			0.753	0.001	0.00	0.75	
	Back	1.304	0.847	0.746	0.010	2.16	2.06	
	Left side				0.001	0.00	0.00	
	Right side			0.756	0.001	0.00	0.76	
	Top side			0.983	0.001	0.00	0.98	
	Bottom side	1.180			0.001	1.18	1.18	
LTE Band 66 Ant 0	Front			0.753	0.001	0.00	0.75	
	Back	2.630	0.847	0.746	0.010	3.49	3.39	
	Left side				0.001	0.00	0.00	
	Right side			0.756	0.001	0.00	0.76	
	Top side			0.983	0.001	0.00	0.98	
	Bottom side	3.551			0.001	3.55	3.55	
LTE Band 25 Ant 0	Front			0.753	0.001	0.00	0.75	
	Back	1.833	0.847	0.746	0.010	2.69	2.59	
	Left side				0.001	0.00	0.00	
	Right side			0.756	0.001	0.00	0.76	



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	Top side			0.983	0.001	0.00	0.98	
	Bottom side	3.551			0.001	3.55	3.55	
LTE Band 7 Ant 1	Front	1.676		0.753	0.001	1.68	2.43	
	Back	2.520	0.847	0.746	0.010	3.38	3.28	
	Left side	1.498			0.001	1.50	1.50	
	Right side			0.756	0.001	0.00	0.76	
	Top side			0.983	0.001	0.00	0.98	
	Bottom side				0.001	0.00	0.00	
FR1 n66 Ant 0	Front			0.753	0.001	0.00	0.75	
	Back	2.540	0.847	0.746	0.010	3.40	3.30	
	Left side				0.001	0.00	0.00	
	Right side			0.756	0.001	0.00	0.76	
	Top side			0.983	0.001	0.00	0.98	
	Bottom side	3.498			0.001	3.50	3.50	
FR1 n2 Ant 0	Front			0.753	0.001	0.00	0.75	
	Back	1.805	0.847	0.746	0.010	2.66	2.56	
	Left side				0.001	0.00	0.00	
	Right side			0.756	0.001	0.00	0.76	
	Top side			0.983	0.001	0.00	0.98	
	Bottom side	3.361			0.001	3.36	3.36	
FR1 n7 Ant 1	Front			0.753	0.001	0.00	0.75	
	Back	3.217	0.847	0.746	0.010	4.07	3.97	134
	Left side	2.491			0.001	2.49	2.49	
	Right side			0.756	0.001	0.00	0.76	
	Top side			0.983	0.001	0.00	0.98	
	Bottom side				0.001	0.00	0.00	
FR1 n78 Ant 1	Front			0.753	0.001	0.00	0.75	
	Back	3.196	0.847	0.746	0.010	4.05	3.95	135
	Left side				0.001	0.00	0.00	
	Right side			0.756	0.001	0.00	0.76	
	Top side			0.983	0.001	0.00	0.98	
	Bottom side				0.001	0.00	0.00	
All Band Ant2&4&5&8	Front			0.753	0.001	0.00	0.75	
	Back	2.885	0.847	0.746	0.010	3.74	3.64	
	Left side	1.354			0.001	1.36	1.36	
	Right side			0.756	0.001	0.00	0.76	
	Top side	2.812		0.983	0.001	2.81	3.80	
	Bottom side				0.001	0.00	0.00	



WWAN Band	FR1 Band	Exposure Position	1	2	3	4	6	1+2+3+6	1+2+4+6	SPLSR
			WWAN	FR1	WLAN2.4GHz Ant 6	WLAN5GHz Ant 6	NFC	Summed	Summed	
			10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	
LTE Band 2 Ant 0	FR1 n2 Ant 4	Front				0.753	0.001	0.00	0.75	
		Back	1.833		0.847	0.746	0.010	2.69	2.59	
		Left side					0.001	0.00	0.00	
		Right side				0.756	0.001	0.00	0.76	
		Top side		2.812		0.983	0.001	2.81	3.80	
		Bottom side	3.551				0.001	3.55	3.55	
LTE Band 2 Ant 0	FR1 n7 Ant 4	Front				0.753	0.001	0.00	0.75	
		Back	1.833	1.615	0.847	0.746	0.010	4.31	4.20	136&137
		Left side					0.001	0.00	0.00	
		Right side				0.756	0.001	0.00	0.76	
		Top side		2.638		0.983	0.001	2.64	3.62	
		Bottom side	3.551				0.001	3.55	3.55	
LTE Band 2 Ant 0	FR1 n41(38) Ant 4	Front				0.753	0.001	0.00	0.75	
		Back	1.833	2.454	0.847	0.746	0.010	5.14	5.04	138&139
		Left side		1.354			0.001	1.36	1.36	
		Right side				0.756	0.001	0.00	0.76	
		Top side		2.226		0.983	0.001	2.23	3.21	
		Bottom side	3.551				0.001	3.55	3.55	
LTE Band 2 Ant 0	FR1 n66 Ant 4	Front				0.753	0.001	0.00	0.75	
		Back	1.833		0.847	0.746	0.010	2.69	2.59	
		Left side					0.001	0.00	0.00	
		Right side				0.756	0.001	0.00	0.76	
		Top side		2.638		0.983	0.001	2.64	3.62	
		Bottom side	3.551				0.001	3.55	3.55	
LTE Band 66(4) Ant 0	FR1 n2 Ant 4	Front				0.753	0.001	0.00	0.75	
		Back	2.630		0.847	0.746	0.010	3.49	3.39	
		Left side					0.001	0.00	0.00	
		Right side				0.756	0.001	0.00	0.76	
		Top side		2.812		0.983	0.001	2.81	3.80	
		Bottom side	3.551				0.001	3.55	3.55	
LTE Band 66(4) Ant 0	FR1 n7 Ant 4	Front				0.753	0.001	0.00	0.75	
		Back	2.630	1.615	0.847	0.746	0.010	5.10	5.00	140&141
		Left side					0.001	0.00	0.00	
		Right side				0.756	0.001	0.00	0.76	
		Top side		2.638		0.983	0.001	2.64	3.62	
		Bottom side	3.551				0.001	3.55	3.55	
LTE Band 66(4) Ant 0	FR1 n41(38) Ant 4	Front				0.753	0.001	0.00	0.75	
		Back	2.630	2.454	0.847	0.746	0.010	5.94	5.84	142&143
		Left side		1.354			0.001	1.36	1.36	
		Right side				0.756	0.001	0.00	0.76	
		Top side		2.226		0.983	0.001	2.23	3.21	
		Bottom side	3.551				0.001	3.55	3.55	
LTE Band 66(4) Ant 0	FR1 n66 Ant 4	Front				0.753	0.001	0.00	0.75	
		Back	2.630		0.847	0.746	0.010	3.49	3.39	
		Left side					0.001	0.00	0.00	
		Right side				0.756	0.001	0.00	0.76	
		Top side		2.638		0.983	0.001	2.64	3.62	
		Bottom side	3.551				0.001	3.55	3.55	
LTE Band 5 Ant 0	FR1 n2 Ant 4	Front				0.753	0.001	0.00	0.75	
		Back	1.304		0.847	0.746	0.010	2.16	2.06	
		Left side					0.001	0.00	0.00	
		Right side				0.756	0.001	0.00	0.76	



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		Top side		2.812		0.983	0.001	2.81	3.80	
		Bottom side	1.180				0.001	1.18	1.18	
LTE Band 5 Ant 0	FR1 n7 Ant 4	Front				0.753	0.001	0.00	0.75	
		Back	1.304	1.615	0.847	0.746	0.010	3.78	3.68	
		Left side					0.001	0.00	0.00	
		Right side				0.756	0.001	0.00	0.76	
		Top side		2.638		0.983	0.001	2.64	3.62	
		Bottom side	1.180				0.001	1.18	1.18	
LTE Band 5 Ant 0	FR1 n41(38) Ant 4	Front				0.753	0.001	0.00	0.75	
		Back	1.304	2.454	0.847	0.746	0.010	4.62	4.51	144&145
		Left side		1.354			0.001	1.36	1.36	
		Right side				0.756	0.001	0.00	0.76	
		Top side		2.226		0.983	0.001	2.23	3.21	
LTE Band 5 Ant 0	FR1 n66 Ant 4	Bottom side	1.180				0.001	1.18	1.18	
		Front				0.753	0.001	0.00	0.75	
		Back	1.304		0.847	0.746	0.010	2.16	2.06	
		Left side					0.001	0.00	0.00	
		Right side				0.756	0.001	0.00	0.76	
		Top side		2.638		0.983	0.001	2.64	3.62	
LTE Band 5 Ant 0	FR1 n78 Ant 5	Bottom side	1.180				0.001	1.18	1.18	
		Front				0.753	0.001	0.00	0.75	
		Back	1.833	2.092	0.847	0.746	0.010	4.78	4.68	146&147
		Left side					0.001	0.00	0.00	
		Right side				0.756	0.001	0.00	0.76	
		Top side		2.501		0.983	0.001	2.50	3.49	
LTE Band 66(4) Ant 0	FR1 n78 Ant 5	Bottom side	3.551				0.001	3.55	3.55	
		Front				0.753	0.001	0.00	0.75	
		Back	2.630	2.092	0.847	0.746	0.010	5.58	5.48	148&149
		Left side					0.001	0.00	0.00	
		Right side				0.756	0.001	0.00	0.76	
		Top side		2.501		0.983	0.001	2.50	3.49	
LTE Band 5 Ant 0	FR1 n78 Ant 5	Bottom side	3.551				0.001	3.55	3.55	
		Front				0.753	0.001	0.00	0.75	
		Back	1.304	2.092	0.847	0.746	0.010	4.25	4.15	150&151
		Left side					0.001	0.00	0.00	
		Right side				0.756	0.001	0.00	0.76	
		Top side		2.501		0.983	0.001	2.50	3.49	
LTE Band 26 Ant 0	FR1 n78 Ant 5	Bottom side	1.180				0.001	1.18	1.18	
		Front				0.753	0.001	0.00	0.75	
		Back		2.092	0.847	0.746	0.010	2.95	2.85	
		Left side					0.001	0.00	0.00	
		Right side				0.756	0.001	0.00	0.76	
		Top side		2.501		0.983	0.001	2.50	3.49	
LTE Band 7 Ant 1	FR1 n66 Ant 4	Bottom side					0.001	0.00	0.00	
		Front	1.676			0.753	0.001	1.68	2.43	
		Back	2.520		0.847	0.746	0.010	3.38	3.28	
		Left side	1.498				0.001	1.50	1.50	
		Right side				0.756	0.001	0.00	0.76	
		Top side		2.638		0.983	0.001	2.64	3.62	
LTE Band 7 Ant 1	FR1 n78 Ant 5	Bottom side					0.001	0.00	0.00	
		Front	1.676			0.753	0.001	1.68	2.43	
		Back	2.520	2.092	0.847	0.746	0.010	5.47	5.37	152&153
		Left side	1.498				0.001	1.50	1.50	
		Right side				0.756	0.001	0.00	0.76	
		Top side		2.501		0.983	0.001	2.50	3.49	
LTE Band 7 Ant 1	FR1 n78 Ant 5	Bottom side					0.001	0.00	0.00	
		Front								
		Back								
		Left side								
		Right side								
		Top side								



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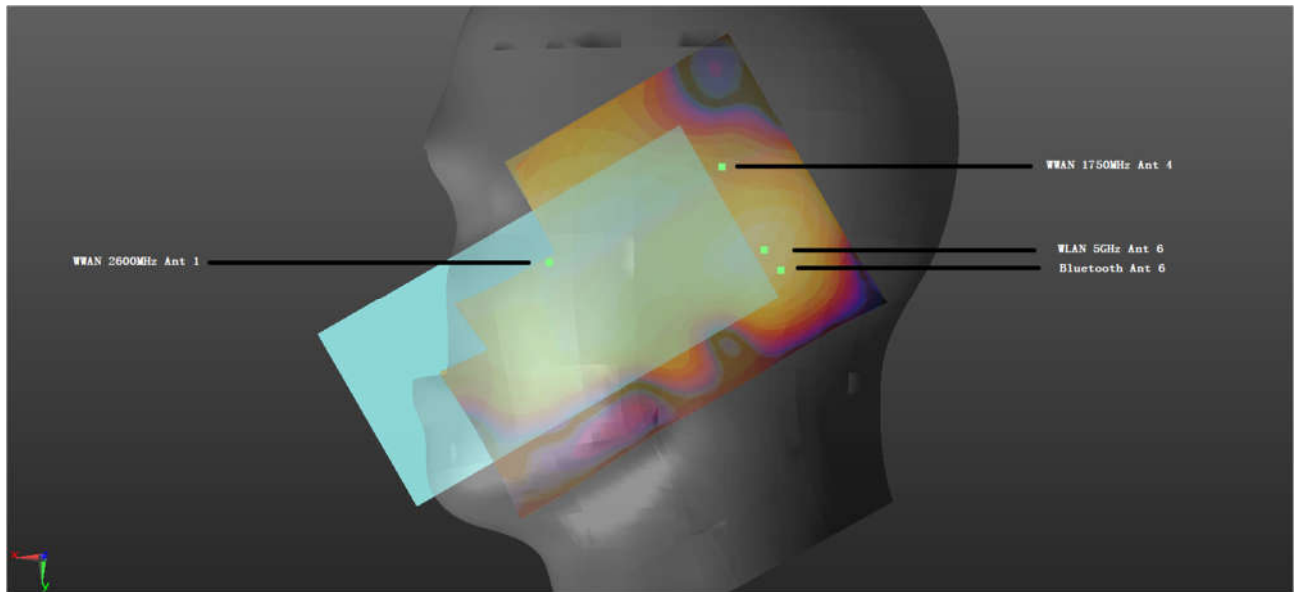
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LTE Band 38 Ant 1	FR1 n78 Ant 5	Front	1.552			0.753	0.001	1.55	2.31	
		Back	3.184	2.092	0.847	0.746	0.010	6.13	6.03	154&155
		Left side	2.370				0.001	2.37	2.37	
		Right side				0.756	0.001	0.00	0.76	
		Top side		2.501		0.983	0.001	2.50	3.49	
		Bottom side					0.001	0.00	0.00	
LTE Band 41 Ant 1	FR1 n78 Ant 5	Front				0.753	0.001	0.00	0.75	
		Back	2.894	2.092	0.847	0.746	0.010	5.84	5.74	156&157
		Left side					0.001	0.00	0.00	
		Right side				0.756	0.001	0.00	0.76	
		Top side		2.501		0.983	0.001	2.50	3.49	
		Bottom side					0.001	0.00	0.00	
LTE Band 5 Ant 4	FR1 n66 Ant 0	Front				0.753	0.001	0.00	0.75	
		Back		2.540	0.847	0.746	0.010	3.40	3.30	
		Left side					0.001	0.00	0.00	
		Right side				0.756	0.001	0.00	0.76	
		Top side				0.983	0.001	0.00	0.98	
		Bottom side		3.498			0.001	3.50	3.50	

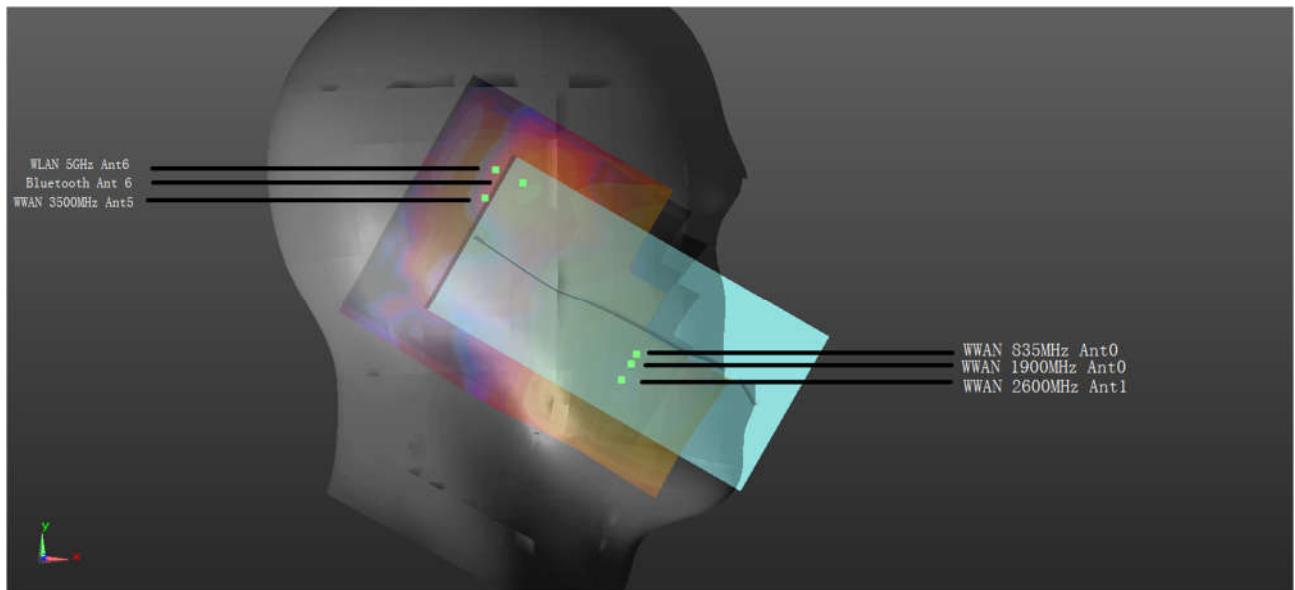
16.5 SPLSR Evaluation and Analysis

General Note:

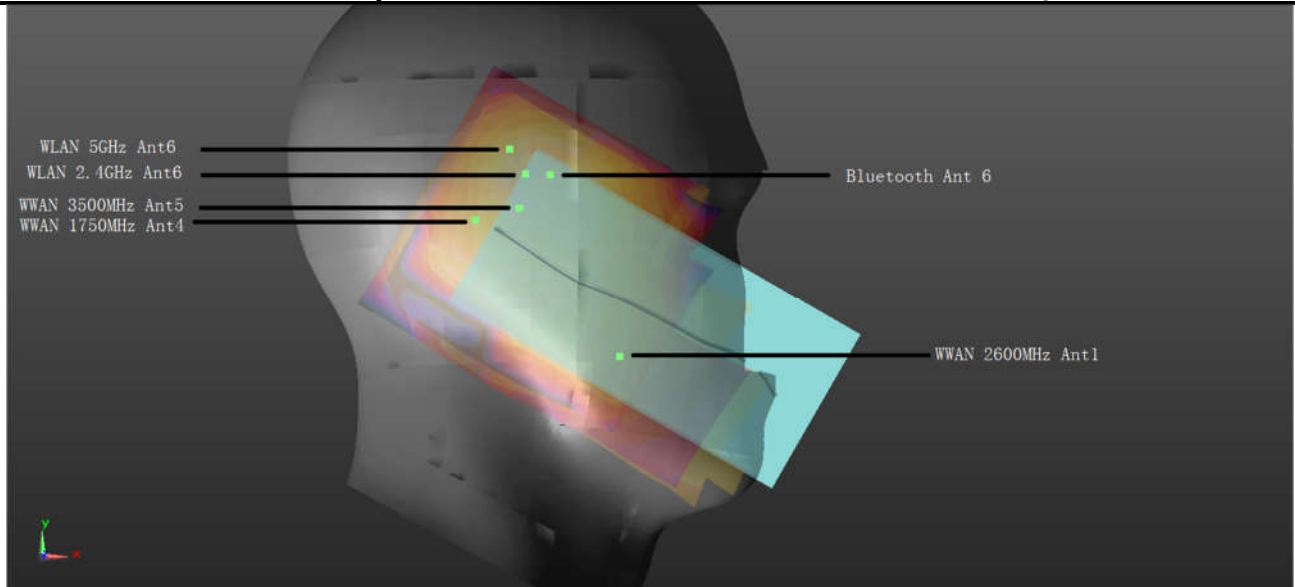
1. When standalone SAR is measured for both antennas in the pair, the peak location separation distance is computed by the square root of $[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$, where $(x1, y1, z1)$ and $(x2, y2, z2)$ are the coordinates in the area scans or extrapolated peak SAR locations in the zoom scans, as appropriate.
2. $SPLSR = (SAR1 + SAR2)1.5 / (\text{min. separation distance, mm})$. If $SPLSR \leq 0.04$ for 1g SAR and $SPLSR \leq 0.10$ for 10g SAR, simultaneously transmission SAR measurement is not necessary.
3. Per April 2022 TCB Workshop Notes, WWAN ant 4/5 was summed algebraically with the BT/WIFI Antenna 6/NFC Antenna for the purposes of hybrid SPLSR combination and they are located at the top of the device.
4. Per April 2022 TCB Workshop, instead of doing a small volume scan over a co-located antenna pair, used summing the SAR values of the co-located pair and using that value in SPLSR calculation. In the calculation used the minimum distance between the spatially separated antenna and the closest antenna of the co-located antenna pair to be conservative.



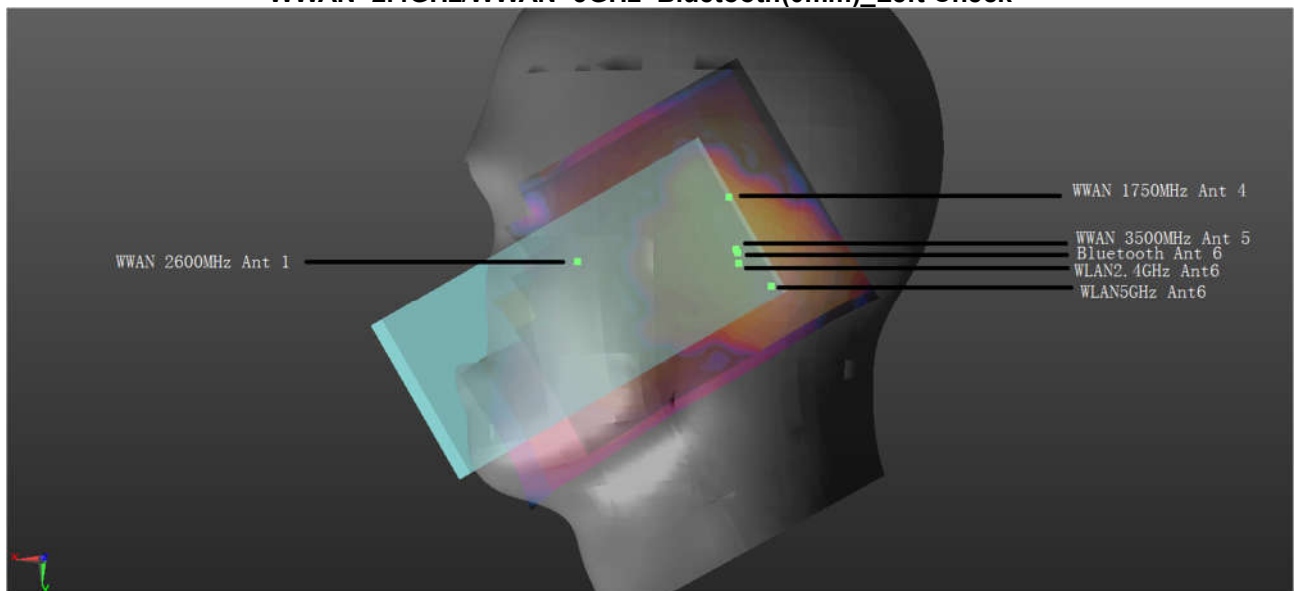
WWAN+5GHz+Bluetooth(0mm)_Right Check



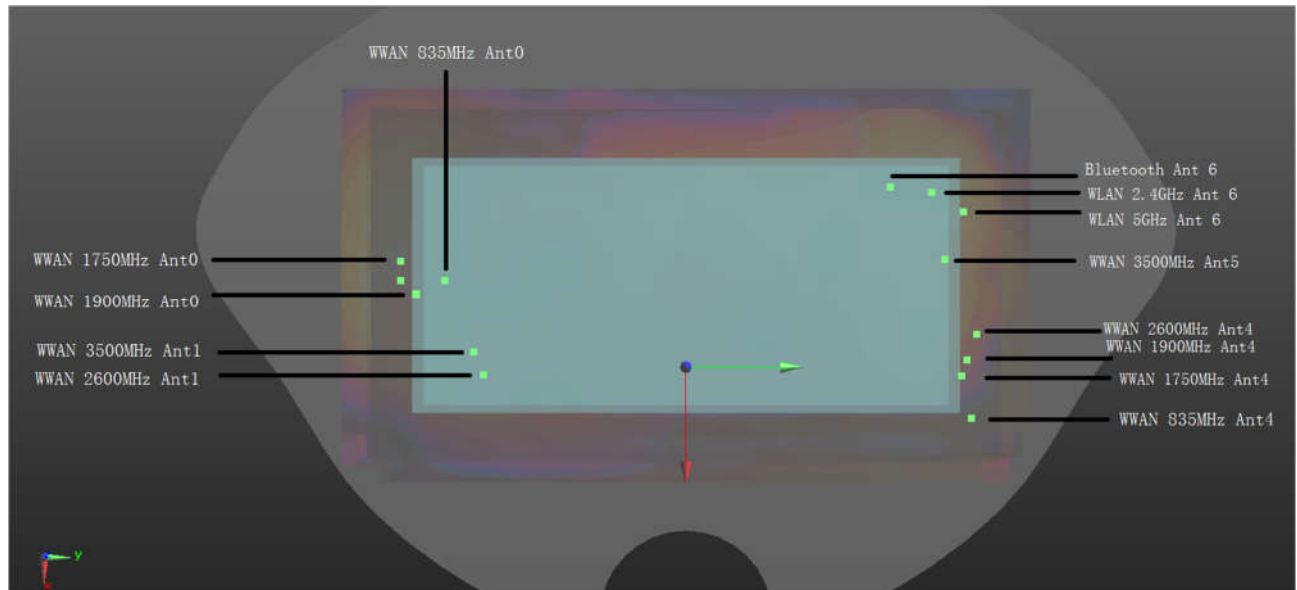
WWAN+5GHz+Bluetooth(0mm)_Left Tilted



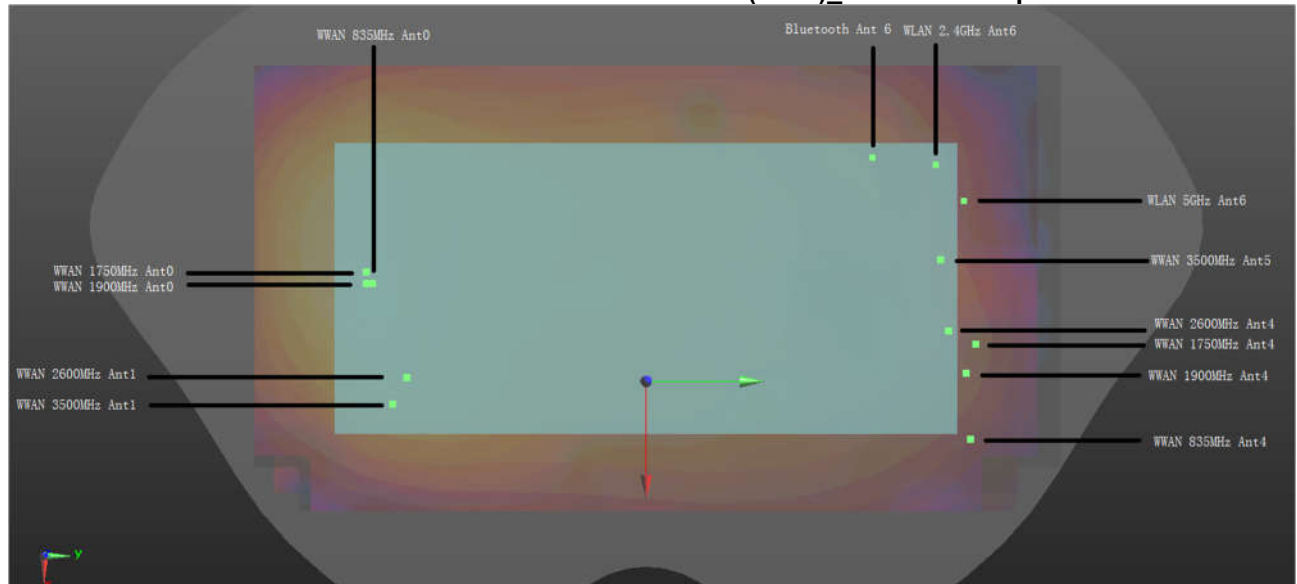
WWAN+2.4GHz/WWAN+5GHz+Bluetooth(0mm)_Left Check



WWAN+2.4GHz/WWAN+5GHz+Bluetooth (0mm)_Right Tilted

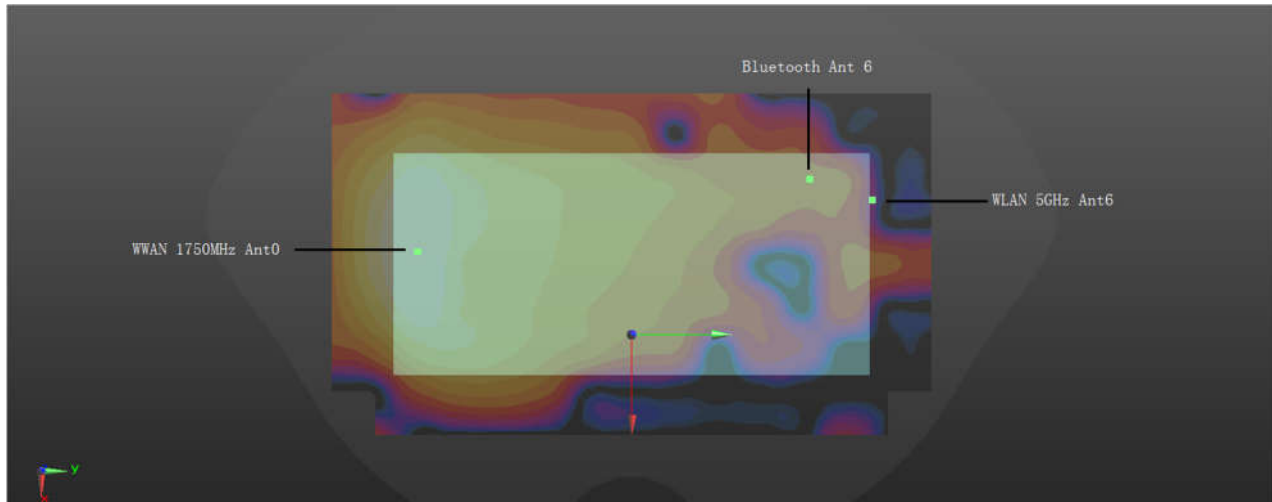


WWAN+2.4GHz/WWAN+5GHz+Bluetooth (5mm)_Back for Hotspot

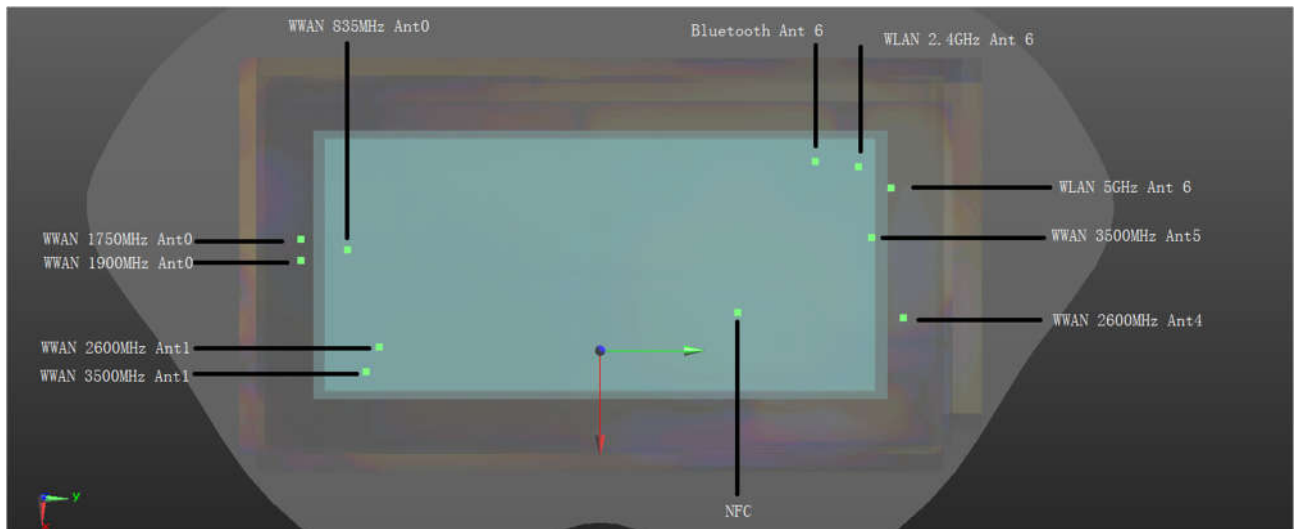


WWAN+2.4GHz/WWAN+5GHz+Bluetooth (5mm)_Back for Body-worn

Sensor off:



WWAN+5G+BT Back 18mm



WWAN+2.4GHz+NFC/WWAN+5GHz+Bluetooth+NFC(0mm)_Back

<For Head>

Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 1	LTE Band 2 Ant 0	Left Tilted	0.104	0.104	0mm	5.35	-56.31	-1.43	70.1	1.60	0.03	Not required
	FR1 n78 Ant 5		0.903	1.50	0mm	3.32	13.78	-0.13				
	WLAN5GHz Ant 6		0.4		0mm							
	Bluetooth Ant 6		0.195		0mm							
	LTE Band 2 Ant 0	Left Tilted	0.104	0.104	0mm	5.35	-56.31	-1.43	86.6	1.60	0.02	Not required
	FR1 n78 Ant 5		0.903	1.50	0mm							
	WLAN5GHz Ant 6		0.4		0mm	10.54	30.14	0.8				
	Bluetooth Ant 6		0.195		0mm							
	LTE Band 2 Ant 0	Left Tilted	0.104	0.104	0mm	5.35	-56.31	-1.43	81.2	1.60	0.03	Not required
	FR1 n78 Ant 5		0.903	1.50	0mm							
	WLAN5GHz Ant 6		0.4		0mm							
	Bluetooth Ant 6		0.195		0mm	14.74	24.3	-0.11				
Case 2	LTE Band 5 Ant 0	Left Tilted	0.126	0.126	0mm	1.35	-53.41	2.85	67.3	1.62	0.03	Not required
	FR1 n78 Ant 5		0.903	1.50	0mm	3.32	13.78	-0.13				
	WLAN5GHz Ant 6		0.4		0mm							
	Bluetooth Ant 6		0.195		0mm							
	LTE Band 2 Ant 0	Left Tilted	0.126	0.126	0mm	5.35	-56.31	-1.43	86.6	1.62	0.02	Not required
	FR1 n78 Ant 5		0.903	1.50	0mm							
	WLAN5GHz Ant 6		0.4		0mm	10.54	30.14	0.8				
	Bluetooth Ant 6		0.195		0mm							
	LTE Band 2 Ant 0	Left Tilted	0.126	0.126	0mm	5.35	-56.31	-1.43	81.2	1.62	0.03	Not required
	FR1 n78 Ant 5		0.903	1.50	0mm							
	WLAN5GHz Ant 6		0.4		0mm							
	Bluetooth Ant 6		0.195		0mm	14.74	24.3	-0.11				
Case 3	LTE Band 7 Ant 1	Right Cheek	0.391	0.391	0mm	28.5	-28.2	-1.52	55.5	1.67	0.04	Not required
	FR1 n66 Ant 4		0.888	1.28	0mm	1.09	19.98	-0.01				
	WLAN5GHz Ant 6		0.302		0mm							
	Bluetooth Ant 6		0.093		0mm							
	LTE Band 7 Ant 1	Right Cheek	0.391	0.391	0mm	28.5	-28.2	-1.52	61.1	1.67	0.04	Not required
	FR1 n66 Ant 4		0.888	1.28	0mm							
	WLAN5GHz Ant 6		0.302		0mm	10.54	30.14	0.8				
	Bluetooth Ant 6		0.093		0mm							
	LTE Band 7 Ant 1	Right Cheek	0.391	0.391	0mm	28.5	-28.2	-1.52	71.5	1.67	0.03	Not required
	FR1 n66 Ant 4		0.888	1.28	0mm							
	WLAN5GHz Ant 6		0.302		0mm							
	Bluetooth Ant 6		0.093		0mm	-20.07	23.56	7.44				
Case 4	LTE Band 7 Ant 1	Right Tilted	0.321	0.321	0mm	24.76	-39.72	-1.78	56.1	1.66	0.04	Not required
	FR1 n66 Ant 4		0.959	1.34	0mm	2.61	11.73	0.22				
	WLAN5GHz Ant 6		0.288		0mm							
	Bluetooth Ant 6		0.091		0mm							
	LTE Band 7 Ant 1	Right Tilted	0.321	0.321	0mm	24.76	-39.72	-1.78	71.3	1.66	0.03	Not required
	FR1 n66 Ant 4		0.959	1.34	0mm							
	WLAN5GHz Ant 6		0.288		0mm	10.54	30.14	0.8				
	Bluetooth Ant 6		0.091		0mm							
	LTE Band 7 Ant 1	Right	0.321	0.321	0mm	24.76	-39.72	-1.78	75.3	1.66	0.03	Not required



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	FR1 n66 Ant 4	Tilted	0.959		0mm							
	WLAN5GHz Ant 6		0.288	1.34	0mm							
	Bluetooth Ant 6		0.091		0mm	-13.41	24.77	5.97				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 5	LTE Band 7 Ant 1	Left Cheek	0.647	0.647	0mm	5.75	-53.08	-0.38	61.4	1.80	0.04	Not required
	FR1 n66 Ant 4		0.592	1.16	0mm	-8.04	6.64	3.19				
	WLAN5GHz Ant 6		0.3		0mm							
	Bluetooth Ant 6		0.264		0mm							
	LTE Band 7 Ant 1	Left Cheek	0.647	0.647	0mm	5.75	-53.08	-0.38	83.4	1.80	0.03	Not required
	FR1 n66 Ant 4		0.592	1.16	0mm							
	WLAN5GHz Ant 6		0.3		0mm	10.54	30.14	0.8				
	Bluetooth Ant 6		0.264		0mm							
	LTE Band 7 Ant 1	Left Cheek	0.647	0.647	0mm	5.75	-53.08	-0.38	78.8	1.80	0.03	Not required
	FR1 n66 Ant 4		0.592	1.16	0mm							
	WLAN5GHz Ant 6		0.3		0mm							
	Bluetooth Ant 6		0.264		0mm	12.31	25.41	-0.27				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 6	LTE Band 7 Ant 1	Left Cheek	0.647	0.647	0mm	5.75	-53.08	-0.38	68.8	1.70	0.03	Not required
	FR1 n78 Ant 5		0.727	1.05	0mm	7.04	15.71	0.36				
	WLAN2.4G Ant6		0.325		0mm							
	LTE Band 7 Ant 1	Left Cheek	0.647	0.647	0mm	5.75	-53.08	-0.38	78.0	1.70	0.03	Not required
	FR1 n66 Ant 4		0.727	1.05	0mm							
	WLAN2.4G Ant6		0.325		0mm	12.02	24.69	0.45				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 7	LTE Band 7 Ant 1	Left Cheek	0.647	0.647	0mm	5.75	-53.08	-0.38	68.8	1.94	0.04	Not required
	FR1 n78 Ant 5		0.727	1.29	0mm	7.04	15.71	0.36				
	WLAN5GHz Ant 6		0.3		0mm							
	Bluetooth Ant 6		0.264		0mm							
	LTE Band 7 Ant 1	Left Cheek	0.647	0.647	0mm	5.75	-53.08	-0.38	83.4	1.94	0.03	Not required
	FR1 n78 Ant 5		0.727	1.29	0mm							
	WLAN5GHz Ant 6		0.3		0mm	10.54	30.14	0.8				
	Bluetooth Ant 6		0.264		0mm							
	LTE Band 7 Ant 1	Left Cheek	0.647	0.647	0mm	5.75	-53.08	-0.38	78.8	1.94	0.03	Not required
	FR1 n78 Ant 5		0.727	1.29	0mm							
	WLAN5GHz Ant 6		0.3		0mm							
	Bluetooth Ant 6		0.264		0mm	12.31	25.41	-0.27				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 8	LTE Band 7 Ant 1	Left Tilted	0.204	0.204	0mm	6.22	-63.84	3.25	77.7	1.70	0.03	Not required
	FR1 n78 Ant 5		0.903	1.50	0mm	3.32	13.78	-0.13				
	WLAN5GHz Ant 6		0.4		0mm							
	Bluetooth Ant 6		0.195		0mm							
	LTE Band 7 Ant 1	Left Tilted	0.204	0.204	0mm	6.22	-63.84	3.25	94.1	1.70	0.02	Not required
	FR1 n78 Ant 5		0.903	1.50	0mm							
	WLAN5GHz Ant 6		0.4		0mm	10.54	30.14	0.8				
	Bluetooth Ant 6		0.195		0mm							
	LTE Band 7 Ant 1	Left Tilted	0.204	0.204	0mm	6.22	-63.84	3.25	88.6	1.70	0.03	Not required
	FR1 n78 Ant 5		0.903	1.50	0mm							
	WLAN5GHz Ant 6		0.4		0mm							
	Bluetooth Ant 6		0.195		0mm	14.74	24.3	-0.11				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				



Case 9	LTE Band 38 Ant 1	Left Tilted	0.1	0.1	0mm	6.45	-68.39	3.15	82.3	1.60	0.02	Not required
	FR1 n78 Ant 5		0.903	1.50	0mm	3.32	13.78	-0.13				
	WLAN5GHz Ant 6		0.4		0mm							
	Bluetooth Ant 6		0.195		0mm							
	LTE Band 38 Ant 1	Left Tilted	0.1	0.1	0mm	6.45	-68.39	3.15	98.6	1.60	0.02	Not required
	FR1 n78 Ant 5		0.903	1.50	0mm							
	WLAN5GHz Ant 6		0.4		0mm	10.54	30.14	0.8				
	Bluetooth Ant 6		0.195		0mm							
	LTE Band 38 Ant 1	Left Tilted	0.1	0.1	0mm	6.45	-68.39	3.15	93.1	1.60	0.02	Not required
	FR1 n78 Ant 5		0.903	1.50	0mm							
	WLAN5GHz Ant 6		0.4		0mm							
	Bluetooth Ant 6		0.195		0mm	14.74	24.3	-0.11				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 10	LTE Band 41 Ant 1	Right Tilted	0.88	0.88	0mm	23.96	-35.34	-1.72	63.0	1.62	0.03	Not required
	FR1 n78 Ant 5		0.576	0.74	0mm	-6.49	19.66	2.97				
	WLAN2.4G Ant6		0.168		0mm							
	LTE Band 41 Ant 1	Right Tilted	0.88	0.88	0mm	23.96	-35.34	-1.72	70.4	1.62	0.03	Not required
	FR1 n78 Ant 5		0.576	0.74	0mm							
	WLAN2.4G Ant6		0.168		0mm	-11.35	25.1	5.52				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 11	LTE Band 41 Ant 1	Right Tilted	0.88	0.88	0mm	23.96	-35.34	-1.72	63.0	1.84	0.04	Not required
	FR1 n78 Ant 5		0.576	0.96	0mm	-6.49	19.66	2.97				
	WLAN5GHz Ant 6		0.288		0mm							
	Bluetooth Ant 6		0.091		0mm							
	LTE Band 41 Ant 1	Right Tilted	0.88	0.88	0mm	23.96	-35.34	-1.72	66.9	1.84	0.04	Not required
	FR1 n78 Ant 5		0.576	0.96	0mm							
	WLAN5GHz Ant 6		0.288		0mm	10.54	30.14	0.8				
	Bluetooth Ant 6		0.091		0mm							
	LTE Band 41 Ant 1	Right Tilted	0.88	0.88	0mm	23.96	-35.34	-1.72	71.2	1.84	0.03	Not required
	FR1 n78 Ant 5		0.576	0.96	0mm							
	WLAN5GHz Ant 6		0.288		0mm							
	Bluetooth Ant 6		0.091		0mm	-13.41	24.77	5.97				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 12	LTE Band 41 Ant 1	Left Cheek	0.41	0.41	0mm	9.83	-63.15	0.39	78.9	1.70	0.03	Not required
	FR1 n78 Ant 5		0.727	1.29	0mm	7.04	15.71	0.36				
	WLAN5GHz Ant 6		0.3		0mm							
	Bluetooth Ant 6		0.264		0mm							
	LTE Band 41 Ant 1	Left Cheek	0.41	0.41	0mm	9.83	-63.15	0.39	93.3	1.70	0.02	Not required
	FR1 n78 Ant 5		0.727	1.29	0mm							
	WLAN5GHz Ant 6		0.3		0mm	10.54	30.14	0.8				
	Bluetooth Ant 6		0.264		0mm							
	LTE Band 41 Ant 1	Left Cheek	0.41	0.41	0mm	9.83	-63.15	0.39	88.6	1.70	0.03	Not required
	FR1 n78 Ant 5		0.727	1.29	0mm							
	WLAN5GHz Ant 6		0.3		0mm							
	Bluetooth Ant 6		0.264		0mm	12.31	25.41	-0.27				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 13	LTE Band 41 Ant 1	Left Tilted	0.293	0.293	0mm	6.15	-65.22	3.45	79.1	1.79	0.03	Not required
	FR1 n78 Ant 5		0.903	1.50	0mm	3.32	13.78	-0.13				
	WLAN5GHz Ant 6		0.4		0mm							
	Bluetooth Ant 6		0.195		0mm							
	LTE Band 41 Ant 1	Left	0.293	0.293	0mm	6.15	-65.22	3.45	95.5	1.79	0.03	Not required



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	FR1 n78 Ant 5	Tilted	0.903	1.50	0mm				90.0	1.79	0.03	Not required
	WLAN5GHz Ant 6		0.4		0mm	10.54	30.14	0.8				
	Bluetooth Ant 6		0.195		0mm							
	LTE Band 41 Ant 1	Left Tilted	0.293	0.293	0mm	6.15	-65.22	3.45				
	FR1 n78 Ant 5		0.903	1.50	0mm							
	WLAN5GHz Ant 6		0.4		0mm							
	Bluetooth Ant 6		0.195		0mm	14.74	24.3	-0.11				

<For Hotspot>

Case No	Band	Position	SAR 1g SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
				(mm)	X	Y	Z					
Case 76	GSM850 Ant 0	Back	1.307	5mm	0.1	-78.3	-1.17	152.2	1.85	0.02	Not required	
	WLAN2.4GHz Ant 6		0.547	5mm	-25.3	71.8	0.26					
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 77	GSM850 Ant 0	Back	1.307	1.307	5mm	0.1	-78.3	-1.17	164.2	1.94	0.02	Not required
	WLAN5GHz Ant 6		0.516	0.64	5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	GSM850 Ant 0	Back	1.307	1.307	5mm	0.1	-78.3	-1.17	159.6	1.94	0.02	Not required
	WLAN5GHz Ant 6		0.516	0.64	5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 78	WCDMA IV Ant 0	Back	1.032	1.032	5mm	-6.1	-73.4	0.13	158.6	1.67	0.01	Not required
	WLAN5GHz Ant 6		0.516	0.64	5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	WCDMA IV Ant 0	Back	1.032	1.032	5mm	-6.1	-73.4	0.13	153.5	1.67	0.01	Not required
	WLAN5GHz Ant 6		0.516	0.64	5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
					X	Y	Z					
Case 160	WCDMA V Ant 0	Back	1.257	5mm	-5.9	-71.2	0.15	144.3	1.80	0.02	Not required	
	WLAN2.4GHz Ant 6		0.547	5mm	-25.3	71.8	0.26					
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 79	WCDMA V Ant 0	Back	1.257	1.257	5mm	-5.9	-71.2	0.15	156.4	1.89	0.02	Not required
	WLAN5GHz Ant 6		0.516	0.64	5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	WCDMA V Ant 0	Back	1.257	1.257	5mm	-5.9	-71.2	0.15	151.4	1.89	0.02	Not required
	WLAN5GHz Ant 6		0.516	0.64	5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
					X	Y	Z					
Case 80	LTE Band 5 Ant 0	Back	1.414	5mm	-9.3	-78.3	-0.02	151.0	1.96	0.018	Not required	
	WLAN2.4GHz Ant 6		0.547	5mm	-25.3	71.8	0.26					
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 81	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	163.2	2.05	0.02	Not required
	WLAN5GHz Ant 6		0.516	0.64	5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	157.8	2.05	0.02	Not required
	WLAN5GHz Ant 6		0.516	0.64	5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
					X	Y	Z					



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Case 82	LTE Band 66(4) Ant 0	Back	1.277	5mm	-7.4	-81.2	0.13	154.0	1.82	0.02	Not required	
	WLAN2.4GHz Ant 6		0.547	5mm	-25.3	71.8	0.26					
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm) X Y Z			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 83	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	166.2	1.91	0.02	Not required
	WLAN5GHz Ant 6		0.64	5mm	-20.9	84.5	0.1					
	Bluetooth Ant 6			5mm								
	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	161.0	1.91	0.02	Not required
	WLAN5GHz Ant 6		0.64	5mm								
	Bluetooth Ant 6			5mm	-35	77.4	-0.13					
Case No	Band	Position	SAR 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm) X Y Z			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
Case 84	LTE Band 7 Ant 1	Back	1.26	5mm	28.4	-62.8	0.13	144.9	1.81	0.02	Not required	
	WLAN2.4GHz Ant 6		0.547	5mm	-25.3	71.8	0.26					
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 85	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	155.3	1.90	0.02	Not required
	WLAN5GHz Ant 6		0.64	5mm	-20.9	84.5	0.1					
	Bluetooth Ant 6			5mm								
	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	153.9	1.90	0.02	Not required
	WLAN5GHz Ant 6		0.64	5mm								
	Bluetooth Ant 6			5mm	-35	77.4	-0.13					
Case No	Band	Position	SAR 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm) X Y Z			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
Case 86	FR1 n26 Ant 0	Back	1.091	5mm	-6.1	-73.4	0.05	146.5	1.64	0.01	Not required	
	WLAN2.4GHz Ant 6		0.547	5mm	-25.3	71.8	0.26					
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 87	FR1 n26 Ant 0	Back	1.091	1.091	5mm	-6.1	-73.4	0.05	158.6	1.73	0.01	Not required
	WLAN5GHz Ant 6		0.64	5mm	-20.9	84.5	0.1					
	Bluetooth Ant 6			5mm								
	FR1 n26 Ant 0	Back	1.091	1.091	5mm	-6.1	-73.4	0.05	153.5	1.73	0.01	Not required
	WLAN5GHz Ant 6		0.64	5mm								
	Bluetooth Ant 6			5mm	-35	77.4	-0.13					
Case No	Band	Position	SAR 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm) X Y Z			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
Case 88	FR1 n66 Ant 0	Back	1.129	5mm	-5.9	-83.8	0.18	156.8	1.68	0.01	Not required	
	WLAN2.4GHz Ant 6		0.547	5mm	-25.3	71.8	0.26					
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 89	FR1 n66 Ant 0	Back	1.129	1.129	5mm	-5.9	-83.8	0.18	169.0	1.77	0.01	Not required
	WLAN5GHz Ant 6		0.64	5mm	-20.9	84.5	0.1					
	Bluetooth Ant 6			5mm								
	FR1 n66 Ant 0	Back	1.129	1.129	5mm	-5.9	-83.8	0.18	163.8	1.77	0.01	Not required
	WLAN5GHz Ant 6		0.64	5mm								
	Bluetooth Ant 6			5mm	-35	77.4	-0.13					
Case No	Band	Position	SAR 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm) X Y Z			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
Case 90	FR1 n7 Ant 1	Back	1.228	5mm	28.4	-62.8	0.13	144.9	1.78	0.02	Not required	
	WLAN2.4GHz Ant 6		0.547	5mm	-25.3	71.8	0.26					
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 91	FR1 n7 Ant 1	Back	1.228	1.228	5mm	28.4	-62.8	0.13	155.3	1.87	0.02	Not required
	WLAN5GHz Ant 6		0.64	5mm	-20.9	84.5	0.1					
	Bluetooth Ant 6			5mm								



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	FR1 n7 Ant 1	Back	1.228	1.228	5mm	28.4	-62.8	0.13	153.9	1.87	0.02	Not required
	WLAN5GHz Ant 6		0.516	0.64	5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
Case 92	FR1 n78 Ant 1	Back	1.332	5mm	32.2	-71.2	0.34	154.1	1.88	0.02	Not required	
	WLAN2.4GHz Ant 6		0.547	5mm	-25.3	71.8	0.26					
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 93	FR1 n78 Ant 1	Back	1.332	1.332	5mm	32.2	-71.2	0.34	164.5	1.97	0.02	Not required
	WLAN5GHz Ant 6		0.516	0.64	5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	FR1 n78 Ant 1	Back	1.332	1.332	5mm	32.2	-71.2	0.34	163.1	1.97	0.02	Not required
	WLAN5GHz Ant 6		0.516	0.64	5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 94	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	174.2	1.76	0.01	Not required
	FR1 n2 Ant 4		0.425	0.97	5mm	16.6	88.5	0.3				
	WLAN2.4GHz Ant 6		0.547		5mm							
	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	157.5	1.76	0.01	Not required
	FR1 n2 Ant 4		0.425	0.97	5mm							
	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 95	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	174.2	1.85	0.01	Not required
	FR1 n2 Ant 4		0.425	1.06	5mm	16.6	88.5	0.3				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	169.7	1.85	0.01	Not required
	FR1 n2 Ant 4		0.425	1.06	5mm							
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	164.6	1.85	0.02	Not required
	FR1 n2 Ant 4		0.425	1.06	5mm							
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 96	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	174.9	1.97	0.02	Not required
	FR1 n7 Ant 4		0.631	1.18	5mm	16.4	89.2	0.26				
	WLAN2.4GHz Ant 6		0.547		5mm							
	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	157.5	1.97	0.02	Not required
	FR1 n7 Ant 4		0.631	1.18	5mm							
	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 97	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	174.9	2.06	0.02	Not required
	FR1 n7 Ant 4		0.631	1.27	5mm	16.4	89.2	0.26				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	169.7	2.06	0.02	Not required
	FR1 n7 Ant 4		0.631	1.27	5mm							
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							



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	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	164.6	2.06	0.02	Not required
	FR1 n7 Ant 4		0.631	1.27	5mm							
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 98	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	173.1	2.09	0.02	Not required
	FR1 n41(38) Ant 4		0.756	1.30	5mm	20.8	86.8	0.33				
	WLAN2.4GHz Ant 6		0.547		5mm							
	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	157.5	2.09	0.02	Not required
	FR1 n41(38) Ant 4		0.756	1.30	5mm							
	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 99	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	173.1	2.18	0.02	Not required
	FR1 n41(38) Ant 4		0.756	1.39	5mm	20.8	86.8	0.33				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	169.7	2.18	0.02	Not required
	FR1 n41(38) Ant 4		0.756	1.39	5mm							
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	164.6	2.18	0.02	Not required
	FR1 n41(38) Ant 4		0.756	1.39	5mm							
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 100	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	162.4	1.82	0.02	Not required
	FR1 n66 Ant 4		0.488	1.04	5mm	-6.1	78	0.09				
	WLAN2.4GHz Ant 6		0.547		5mm							
	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	157.5	1.82	0.02	Not required
	FR1 n66 Ant 4		0.488	1.04	5mm							
	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 101	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	162.4	1.91	0.02	Not required
	FR1 n66 Ant 4		0.488	1.13	5mm	-6.1	78	0.09				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	169.7	1.91	0.02	Not required
	FR1 n66 Ant 4		0.488	1.13	5mm							
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	164.6	1.91	0.02	Not required
	FR1 n66 Ant 4		0.488	1.13	5mm							
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 102	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	171.4	2.25	0.02	Not required
	FR1 n2 Ant 4		0.425	0.97	5mm	16.6	88.5	0.3				
	WLAN2.4GHz Ant 6		0.547		5mm							
	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	154.0	2.25	0.02	Not required
	FR1 n2 Ant 4		0.425	0.97	5mm							



	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 103	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	171.4	2.34	0.02	Not required
	FR1 n2 Ant 4		0.425	1.06	5mm	16.6	88.5	0.3				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	166.2	2.34	0.02	Not required
	FR1 n2 Ant 4		0.425	1.06	5mm							
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	161.0	2.34	0.02	Not required
	FR1 n2 Ant 4		0.425	1.06	5mm							
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 104	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	172.1	2.46	0.02	Not required
	FR1 n7 Ant 4		0.631	1.18	5mm	16.4	89.2	0.26				
	WLAN2.4GHz Ant 6		0.547		5mm							
	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	154.0	2.46	0.03	Not required
	FR1 n7 Ant 4		0.631	1.18	5mm							
	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 105	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	172.1	2.55	0.02	Not required
	FR1 n7 Ant 4		0.631	1.27	5mm	16.4	89.2	0.26				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	166.2	2.55	0.02	Not required
	FR1 n7 Ant 4		0.631	1.27	5mm							
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	161.0	2.55	0.03	Not required
	FR1 n7 Ant 4		0.631	1.27	5mm							
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 106	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	170.4	2.58	0.02	Not required
	FR1 n41(38) Ant 4		0.756	1.30	5mm	20.8	86.8	0.33				
	WLAN2.4GHz Ant 6		0.547		5mm							
	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	154.0	2.58	0.03	Not required
	FR1 n41(38) Ant 4		0.756	1.30	5mm							
	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 107	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	170.4	2.67	0.03	Not required
	FR1 n41(38) Ant 4		0.756	1.39	5mm	20.8	86.8	0.33				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	166.2	2.67	0.03	Not required
	FR1 n41(38) Ant 4		0.756	1.39	5mm							
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							



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	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	161.0	2.67	0.03	Not required
	FR1 n41(38) Ant 4		0.756	1.39	5mm							
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 108	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	159.2	2.31	0.02	Not required
	FR1 n66 Ant 4		0.488	1.04	5mm	-6.1	78	0.09				
	WLAN2.4GHz Ant 6		0.547		5mm							
	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	154.0	2.31	0.02	Not required
	FR1 n66 Ant 4		0.488	1.04	5mm							
	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 109	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	159.2	2.40	0.02	Not required
	FR1 n66 Ant 4		0.488	1.13	5mm	-6.1	78	0.09				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	166.2	2.40	0.02	Not required
	FR1 n66 Ant 4		0.488	1.13	5mm							
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	161.0	2.40	0.02	Not required
	FR1 n66 Ant 4		0.488	1.13	5mm							
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 110	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	168.8	2.39	0.02	Not required
	FR1 n2 Ant 4		0.425	0.97	5mm	16.6	88.5	0.3				
	WLAN2.4GHz Ant 6		0.547		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	151.0	2.39	0.02	Not required
	FR1 n2 Ant 4		0.425	0.97	5mm							
	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 111	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	168.8	2.48	0.02	Not required
	FR1 n2 Ant 4		0.425	1.06	5mm	16.6	88.5	0.3				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	163.2	2.48	0.02	Not required
	FR1 n2 Ant 4		0.425	1.06	5mm							
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	157.8	2.48	0.02	Not required
	FR1 n2 Ant 4		0.425	1.06	5mm							
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 112	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	169.5	2.59	0.02	Not required
	FR1 n7 Ant 4		0.631	1.18	5mm	16.4	89.2	0.26				
	WLAN2.4GHz Ant 6	Back	0.547		5mm				151.0	2.59	0.03	Not required
	FR1 n7 Ant 4		0.631		5mm							



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	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 113	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	169.5	2.68	0.03	Not required
	FR1 n7 Ant 4		0.631	1.27	5mm	16.4	89.2	0.26				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	163.2	2.68	0.03	Not required
	FR1 n7 Ant 4		0.631	1.27	5mm							
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	157.8	2.68	0.03	Not required
	FR1 n7 Ant 4		0.631	1.27	5mm							
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 114	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	167.8	2.72	0.03	Not required
	FR1 n41(38) Ant 4		0.756	1.30	5mm	20.8	86.8	0.33				
	WLAN2.4GHz Ant 6		0.547		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	151.0	2.72	0.03	Not required
	FR1 n41(38) Ant 4		0.756	1.30	5mm							
	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 115	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	167.8	2.81	0.03	Not required
	FR1 n41(38) Ant 4		0.756	1.39	5mm	20.8	86.8	0.33				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	163.2	2.81	0.03	Not required
	FR1 n41(38) Ant 4		0.756	1.39	5mm							
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	157.8	2.81	0.03	Not required
	FR1 n41(38) Ant 4		0.756	1.39	5mm							
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 116	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	156.3	2.45	0.02	Not required
	FR1 n66 Ant 4		0.488	1.04	5mm	-6.1	78	0.09				
	WLAN2.4GHz Ant 6		0.547		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	151.0	2.45	0.03	Not required
	FR1 n66 Ant 4		0.488	1.04	5mm							
	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 117	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	156.3	2.54	0.03	Not required
	FR1 n66 Ant 4		0.488	1.13	5mm	-6.1	78	0.09				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	163.2	2.54	0.02	Not required
	FR1 n66 Ant 4		0.488	1.13	5mm							
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							



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	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	157.8	2.54	0.03	Not required
	FR1 n66 Ant 4		0.488	1.13	5mm							
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 118	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	163.6	1.99	0.02	Not required
	FR1 n78 Ant 5		0.658	1.21	5mm	-5.8	79.2	-1.24				
	WLAN2.4GHz Ant 6		0.547		5mm							
	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	157.5	1.99	0.02	Not required
	FR1 n78 Ant 5		0.658	1.21	5mm							
	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 119	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	163.6	2.08	0.02	Not required
	FR1 n78 Ant 5		0.658	1.30	5mm	-5.8	79.2	-1.24				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	169.7	2.08	0.02	Not required
	FR1 n78 Ant 5		0.658	1.30	5mm							
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 2 Ant 0	Back	0.788	0.788	5mm	-4.8	-84.39	0.2	164.6	2.08	0.02	Not required
	FR1 n78 Ant 5		0.658	1.30	5mm							
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 120	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	160.4	2.48	0.02	Not required
	FR1 n78 Ant 5		0.658	1.21	5mm	-5.8	79.2	-1.24				
	WLAN2.4GHz Ant 6		0.547		5mm							
	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	154.0	2.48	0.03	Not required
	FR1 n78 Ant 5		0.658	1.21	5mm							
	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 121	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	160.4	2.57	0.03	Not required
	FR1 n78 Ant 5		0.658	1.30	5mm	-5.8	79.2	-1.24				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	166.2	2.57	0.02	Not required
	FR1 n78 Ant 5		0.658	1.30	5mm							
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 66(4) Ant 0	Back	1.277	1.277	5mm	-7.4	-81.2	0.13	161.0	2.57	0.03	Not required
	FR1 n78 Ant 5		0.658	1.30	5mm							
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 122	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	157.5	2.62	0.03	Not required
	FR1 n78 Ant 5		0.658	1.21	5mm	-5.8	79.2	-1.24				
	WLAN2.4GHz Ant 6		0.547		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	151.0	2.62	0.03	Not required
	FR1 n78 Ant 5		0.658	1.21	5mm							



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	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 123	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	157.5	2.71	0.03	Not required
	FR1 n78 Ant 5		0.658	1.30	5mm	-5.8	79.2	-1.24				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	163.2	2.71	0.03	Not required
	FR1 n78 Ant 5		0.658	1.30	5mm							
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	157.8	2.71	0.03	Not required
	FR1 n78 Ant 5		0.658	1.30	5mm							
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 124	LTE Band 26 Ant 0	Back	0.937	0.937	5mm	-6.3	-71.8	0.13	151.0	2.14	0.02	Not required
	FR1 n78 Ant 5		0.658	1.21	5mm	-5.8	79.2	-1.24				
	WLAN2.4GHz Ant 6		0.547		5mm							
	LTE Band 26 Ant 0	Back	0.937	0.937	5mm	-6.3	-71.8	0.13	144.9	2.14	0.02	Not required
	FR1 n78 Ant 5		0.658	1.21	5mm							
	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 125	LTE Band 26 Ant 0	Back	0.937	0.937	5mm	-6.3	-71.8	0.13	151.0	2.23	0.02	Not required
	FR1 n78 Ant 5		0.658	1.30	5mm	-5.8	79.2	-1.24				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 26 Ant 0	Back	0.937	0.937	5mm	-6.3	-71.8	0.13	157.0	2.23	0.02	Not required
	FR1 n78 Ant 5		0.658	1.30	5mm							
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 26 Ant 0	Back	0.937	0.937	5mm	-6.3	-71.8	0.13	151.9	2.23	0.02	Not required
	FR1 n78 Ant 5		0.658	1.30	5mm							
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 126	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	145.0	2.30	0.02	Not required
	FR1 n66 Ant 4		0.488	1.04	5mm	-6.1	78	0.09				
	WLAN2.4GHz Ant 6		0.547		5mm							
	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	144.9	2.30	0.02	Not required
	FR1 n66 Ant 4		0.488	1.04	5mm							
	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 127	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	145.0	2.39	0.03	Not required
	FR1 n66 Ant 4		0.488	1.13	5mm	-6.1	78	0.09				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	155.3	2.39	0.02	Not required
	FR1 n66 Ant 4		0.488	1.13	5mm							
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							



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	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	153.9	2.39	0.02	Not required
	FR1 n66 Ant 4		0.488	1.13	5mm							
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 128	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	146.1	2.47	0.03	Not required
	FR1 n78 Ant 5		0.658	1.21	5mm	-5.8	79.2	-1.24				
	WLAN2.4GHz Ant 6		0.547		5mm							
	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	144.9	2.47	0.03	Not required
	FR1 n78 Ant 5		0.658	1.21	5mm							
	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 129	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	146.1	2.56	0.03	Not required
	FR1 n78 Ant 5		0.658	1.30	5mm	-5.8	79.2	-1.24				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	155.3	2.56	0.03	Not required
	FR1 n78 Ant 5		0.658	1.30	5mm							
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	153.9	2.56	0.03	Not required
	FR1 n78 Ant 5		0.658	1.30	5mm							
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 130	LTE Band 41(38) Ant 1	Back	1.394	1.394	5mm	29.6	-60.8	0.25	144.4	2.60	0.03	Not required
	FR1 n78 Ant 5		0.658	1.21	5mm	-5.8	79.2	-1.24				
	WLAN2.4GHz Ant 6		0.547		5mm							
	LTE Band 41(38) Ant 1	Back	1.394	1.394	5mm	29.6	-60.8	0.25	143.5	2.60	0.03	Not required
	FR1 n78 Ant 5		0.658	1.21	5mm							
	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 131	LTE Band 41(38) Ant 1	Back	1.394	1.394	5mm	29.6	-60.8	0.25	144.4	2.69	0.03	Not required
	FR1 n78 Ant 5		0.658	1.30	5mm	-5.8	79.2	-1.24				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 41(38) Ant 1	Back	1.394	1.394	5mm	29.6	-60.8	0.25	153.8	2.69	0.03	Not required
	FR1 n78 Ant 5		0.658	1.30	5mm							
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 41(38) Ant 1	Back	1.394	1.394	5mm	29.6	-60.8	0.25	152.6	2.69	0.03	Not required
	FR1 n78 Ant 5		0.658	1.30	5mm							
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 132	LTE Band 5 Ant 4	Back	0.474	0.474	5mm	37.3	91.8	0.5	180.8	2.15	0.02	Not required
	FR1 n66 Ant 0		1.129	1.68	5mm	-5.9	-83.8	0.18				
	WLAN2.4GHz Ant 6		0.547		5mm							
	LTE Band 5 Ant 4	Back	0.474	0.474	5mm				156.8	2.15	0.02	Not required
	FR1 n66 Ant 0		1.129	1.68	5mm	-5.9	-83.8	0.18				



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	WLAN2.4GHz Ant 6		0.547		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 133	LTE Band 5 Ant 4	Back	0.474	0.474	5mm	37.3	91.8	0.5	180.8	2.24	0.02	Not required
	FR1 n66 Ant 0		1.129	1.77	5mm	-5.9	-83.8	0.18				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 4	Back	0.474	0.474	5mm				169.0	2.24	0.02	Not required
	FR1 n66 Ant 0		1.129	1.77	5mm	-5.9	-83.8	0.18				
	WLAN5GHz Ant 6		0.516		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 4	Back	0.474	0.474	5mm				163.8	2.24	0.02	Not required
	FR1 n66 Ant 0		1.129	1.77	5mm	-5.9	-83.8	0.18				
	WLAN5GHz Ant 6		0.516		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				



<For Body-worn>

Case No	Band	Position	SAR 1g SAR (W/kg)	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR		
				(mm)	X	Y	Z						
Case 14	GSM850 Ant 0	Back	1.444	5mm	0.1	-78.3	-1.17	152.2	1.81	0.02	Not required		
	WLAN2.4GHz Ant 6		0.37	5mm	-25.3	71.8	0.26						
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)		3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR		
					X	Y	Z						
Case 15	GSM850 Ant 0	Back	1.444	1.444	5mm	0.1	-78.3	-1.17	164.2	1.94	0.02	Not required	
	WLAN5GHz Ant 6		0.50	5mm	-20.9	84.5	0.1						
	Bluetooth Ant 6			5mm									
	GSM850 Ant 0	Back	1.444	1.444	5mm	0.1	-78.3	-1.17	159.6	1.94	0.02	Not required	
	WLAN5GHz Ant 6		0.50	5mm									
	Bluetooth Ant 6			5mm	-35	77.4	-0.13						
Case No	Band	Position	SAR 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR		
				X	Y	Z							
Case 16	GSM1900 Ant 0	Back	1.429	5mm	-6.3	-71.8	0.13	144.9	1.80	0.02	Not required		
	WLAN2.4GHz Ant 6		0.37	5mm	-25.3	71.8	0.26						
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
Case 17	GSM1900 Ant 0	Back	1.429	1.429	5mm	-6.3	-71.8	0.13	157.0	1.93	0.02	Not required	
	WLAN5GHz Ant6		0.50	5mm	-20.9	84.5	0.1						
	Bluetooth Ant 6			5mm									
	GSM1900 Ant 0	Back	1.429	1.429	5mm	-6.3	-71.8	0.13	151.9	1.93	0.02	Not required	
	WLAN5GHz Ant6		0.50	5mm									
	Bluetooth Ant 6			5mm	-35	77.4	-0.13						
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
Case 18	WCDMA II Ant 0	Back	1.139	1.139	5mm	-4.8	-74.9	0.15	160.2	1.64	0.01	Not required	
	WLAN5GHz Ant6		0.50	5mm	-20.9	84.5	0.1						
	Bluetooth Ant 6			5mm									
	WCDMA II Ant 0	Back	1.139	1.139	5mm	-4.8	-74.9	0.15	155.3	1.64	0.01	Not required	
	WLAN5GHz Ant6		0.50	5mm									
	Bluetooth Ant 6			5mm	-35	77.4	-0.13						
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
Case 19	WCDMA IV Ant 0	Back	1.204	1.204	5mm	-6.1	-73.4	0.13	158.6	1.70	0.01	Not required	
	WLAN5GHz Ant6		0.50	5mm	-20.9	84.5	0.1						
	Bluetooth Ant 6			5mm									
	WCDMA IV Ant 0	Back	1.204	1.204	5mm	-6.1	-73.4	0.13	153.5	1.70	0.01	Not required	
	WLAN5GHz Ant6		0.50	5mm									
	Bluetooth Ant 6			5mm	-35	77.4	-0.13						
Case No	Band	Position	SAR 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR		
				X	Y	Z							
Case 20	LTE Band 5 Ant 0	Back	1.414	5mm	-9.3	-78.3	-0.02	151.0	1.78	0.02	Not required		
	WLAN2.4GHz Ant 6		0.37	5mm	-25.3	71.8	0.26						
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
Case 21	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	163.2	1.91	0.02	Not required	
	WLAN5GHz Ant6		0.50	5mm	-20.9	84.5	0.1						
	Bluetooth Ant 6			5mm									
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	157.8	1.91	0.02	Not required	
	WLAN5GHz Ant6		0.50	5mm									
	Bluetooth Ant 6			5mm	-35	77.4	-0.13						
Case	Band	Position	SAR	Gap	SAR peak location (mm)			3D	Summed	SPLSR	Simultaneous		



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No			1g SAR (W/kg)	(mm)	X	Y	Z	distance (mm)	SAR (W/kg)	Results	SAR	
Case 22	LTE Band 66(4) Ant 0	Back	1.427	5mm	-7.4	-81.2	0.13	154.0	1.80	0.02	Not required	
	WLAN2.4GHz Ant 6		0.37	5mm	-25.3	71.8	0.26					
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 23	LTE Band 66(4) Ant 0	Back	1.427	1.427	5mm	-7.4	-81.2	0.13	166.2	1.92	0.02	Not required
	WLAN5GHz Ant6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 66(4) Ant 0	Back	1.427	1.427	5mm	-7.4	-81.2	0.13	161.0	1.92	0.02	Not required
	WLAN5GHz Ant6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
Case 24	LTE Band 25 Ant 0	Back	1.322	5mm	-12	-82.6	0.02	155.0	1.69	0.01	Not required	
	WLAN2.4GHz Ant 6		0.37	5mm	-25.3	71.8	0.26					
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 25	LTE Band 25 Ant 0	Back	1.322	1.322	5mm	-12	-82.6	0.02	167.3	1.82	0.01	Not required
	WLAN5GHz Ant6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 25 Ant 0	Back	1.322	1.322	5mm	-12	-82.6	0.02	161.6	1.82	0.02	Not required
	WLAN5GHz Ant6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
Case 26	LTE Band 7 Ant 1	Back	1.26	5mm	28.4	-62.8	0.13	144.9	1.63	0.01	Not required	
	WLAN2.4GHz Ant 6		0.37	5mm	-25.3	71.8	0.26					
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 27	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	155.3	1.76	0.02	Not required
	WLAN5GHz Ant6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	153.9	1.76	0.02	Not required
	WLAN5GHz Ant6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
Case 28	FR1 n66 Ant 0	Back	1.34	5mm	-5.9	-83.8	0.18	156.8	1.71	0.01	Not required	
	WLAN2.4GHz Ant 6		0.37	5mm	-25.3	71.8	0.26					
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 29	FR1 n66 Ant 0	Back	1.34	1.34	5mm	-5.9	-83.8	0.18	169.0	1.84	0.01	Not required
	WLAN5GHz Ant6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	FR1 n66 Ant 0	Back	1.34	1.34	5mm	-5.9	-83.8	0.18	163.8	1.84	0.02	Not required
	WLAN5GHz Ant6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 30	FR1 n2 Ant 0	Back	1.207	1.207	5mm	-4.7	-85.4	0.2	170.7	1.70	0.01	Not required
	WLAN5GHz Ant6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	FR1 n2 Ant 0	Back	1.207	1.207	5mm	-4.7	-85.4	0.2	165.6	1.70	0.01	Not required
	WLAN5GHz Ant6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				



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Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 31	FR1 n7 Ant 1	Back	1.12	1.12	5mm	28.4	-62.8	0.13	155.3	1.62	0.01	Not required
	WLAN5GHz Ant6		0.375	5mm	-20.9	84.5	0.1					
	Bluetooth Ant 6		0.121	5mm								
	FR1 n7 Ant 1	Back	1.12	1.12	5mm	28.4	-62.8	0.13	153.9	1.62	0.01	Not required
	WLAN5GHz Ant6		0.375	5mm								
	Bluetooth Ant 6		0.121	5mm	-35	77.4	-0.13					
Case No	Band	Position	SAR 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
Case 32	FR1 n78 Ant 1	Back	1.332	5mm	32.2	-71.2	0.34	154.1	1.70	0.01	Not required	
	WLAN2.4GHz Ant 6		0.37	5mm	-25.3	71.8	0.26					
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 33	FR1 n78 Ant 1	Back	1.332	1.332	5mm	32.2	-71.2	0.34	164.5	1.83	0.02	Not required
	WLAN5GHz Ant6		0.375	5mm	-20.9	84.5	0.1					
	Bluetooth Ant 6		0.121	5mm								
	FR1 n78 Ant 1	Back	1.332	1.332	5mm	32.2	-71.2	0.34	163.1	1.83	0.02	Not required
	WLAN5GHz Ant6		0.375	5mm								
	Bluetooth Ant 6		0.121	5mm	-35	77.4	-0.13					
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 34	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	174.2	2.67	0.03	Not required
	FR1 n2 Ant 4		0.978	5mm	16.6	88.5	0.3					
	WLAN2.4GHz Ant 6		0.37	5mm								
	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	157.5	2.67	0.03	Not required
	FR1 n2 Ant 4		0.978	5mm								
	WLAN2.4GHz Ant 6		0.37	5mm	-25.3	71.8	0.26					
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 35	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	174.2	2.80	0.03	Not required
	FR1 n2 Ant 4		0.978	5mm	16.6	88.5	0.3					
	WLAN5GHz Ant 6		0.375	5mm								
	Bluetooth Ant 6		0.121	5mm								
	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	169.7	2.80	0.03	Not required
	FR1 n2 Ant 4		0.978	5mm								
	WLAN5GHz Ant 6		0.375	5mm	-20.9	84.5	0.1					
	Bluetooth Ant 6		0.121	5mm								
	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	164.6	2.80	0.03	Not required
	FR1 n2 Ant 4		0.978	5mm								
	WLAN5GHz Ant 6		0.375	5mm								
	Bluetooth Ant 6		0.121	5mm	-35	77.4	-0.13					
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 36	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	174.9	2.55	0.02	Not required
	FR1 n7 Ant 4		0.857	5mm	16.4	89.2	0.26					
	WLAN2.4GHz Ant 6		0.37	5mm								
	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	157.5	2.55	0.03	Not required
	FR1 n7 Ant 4		0.857	5mm								
	WLAN2.4GHz Ant 6		0.37	5mm	-25.3	71.8	0.26					
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 37	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	174.9	2.68	0.03	Not required
	FR1 n7 Ant 4		0.857	5mm	16.4	89.2	0.26					
	WLAN5GHz Ant 6		0.375	5mm								



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	Bluetooth Ant 6	Back	0.121		5mm				169.7	2.68	0.03	Not required
	LTE Band 2 Ant 0		1.322	1.322	5mm	-4.8	-84.39	0.2				
	FR1 n7 Ant 4		0.857	1.35	5mm							
	WLAN5GHz Ant 6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6	Back	0.121		5mm				164.6	2.68	0.03	Not required
	LTE Band 2 Ant 0		1.322	1.322	5mm	-4.8	-84.39	0.2				
	FR1 n7 Ant 4		0.857	1.35	5mm							
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 38	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	173.1	2.55	0.02	Not required
	FR1 n41(38) Ant 4		0.853	1.22	5mm	20.8	86.8	0.33				
	WLAN2.4GHz Ant 6		0.37		5mm							
	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	157.5	2.55	0.03	Not required
	FR1 n41(38) Ant 4		0.853	1.22	5mm							
	WLAN2.4GHz Ant 6		0.37		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 39	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	173.1	2.67	0.03	Not required
	FR1 n41(38) Ant 4		0.853	1.35	5mm	20.8	86.8	0.33				
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	169.7	2.67	0.03	Not required
	FR1 n41(38) Ant 4		0.853	1.35	5mm							
	WLAN5GHz Ant 6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	164.6	2.67	0.03	Not required
	FR1 n41(38) Ant 4		0.853	1.35	5mm							
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 40	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	162.4	2.58	0.03	Not required
	FR1 n66 Ant 4		0.883	1.25	5mm	-6.1	78	0.09				
	WLAN2.4GHz Ant 6		0.37		5mm							
	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	157.5	2.58	0.03	Not required
	FR1 n66 Ant 4		0.883	1.25	5mm							
	WLAN2.4GHz Ant 6		0.37		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 41	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	162.4	2.70	0.03	Not required
	FR1 n66 Ant 4		0.883	1.38	5mm	-6.1	78	0.09				
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	169.7	2.70	0.03	Not required
	FR1 n66 Ant 4		0.883	1.38	5mm							
	WLAN5GHz Ant 6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	164.6	2.70	0.03	Not required
	FR1 n66 Ant 4		0.883	1.38	5mm							
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR



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Case 42	LTE Band 66(4) Ant 0	Back	1.427	1.427	5mm	-7.4	-81.2	0.13	159.2	2.78	0.03	Not required
	FR1 n66 Ant 4		0.978	1.35	5mm	-6.1	78	0.09				
	WLAN2.4GHz Ant 6		0.37		5mm							
	LTE Band 66(4) Ant 0	Back	1.427	1.427	5mm	-7.4	-81.2	0.13	154.0	2.78	0.03	Not required
	FR1 n66 Ant 4		0.978	1.35	5mm							
	WLAN2.4GHz Ant 6		0.37		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 43	LTE Band 66(4) Ant 0	Back	1.427	1.427	5mm	-7.4	-81.2	0.13	159.2	2.90	0.03	Not required
	FR1 n66 Ant 4		0.978	1.47	5mm	-6.1	78	0.09				
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6	Back	0.121	1.47	5mm				166.2	2.90	0.03	Not required
	LTE Band 66(4) Ant 0		1.427		5mm	-7.4	-81.2	0.13				
	FR1 n66 Ant 4		0.978		5mm							
	WLAN5GHz Ant 6	Back	0.375	1.47	5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 66(4) Ant 0		1.427	1.47	5mm	-7.4	-81.2	0.13	161.0	2.90	0.03	Not required
	FR1 n66 Ant 4		0.978		5mm							
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6	Back	0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 44	LTE Band 66(4) Ant 0	Back	1.427	1.427	5mm	-7.4	-81.2	0.13	172.1	2.65	0.03	Not required
	FR1 n7 Ant 4		0.857	1.23	5mm	16.4	89.2	0.26				
	WLAN2.4GHz Ant 6		0.37		5mm							
	LTE Band 66(4) Ant 0	Back	1.427	1.427	5mm	-7.4	-81.2	0.13	154.0	2.65	0.03	Not required
	FR1 n7 Ant 4		0.857	1.23	5mm							
	WLAN2.4GHz Ant 6		0.37		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 45	LTE Band 66(4) Ant 0	Back	1.427	1.427	5mm	-7.4	-81.2	0.13	172.1	2.78	0.03	Not required
	FR1 n7 Ant 4		0.857	1.35	5mm	16.4	89.2	0.26				
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6	Back	0.121	1.35	5mm				166.2	2.78	0.03	Not required
	LTE Band 66(4) Ant 0		1.427		5mm	-7.4	-81.2	0.13				
	FR1 n7 Ant 4		0.857		5mm							
	WLAN5GHz Ant 6	Back	0.375	1.35	5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 66(4) Ant 0		1.427	1.35	5mm	-7.4	-81.2	0.13	161.0	2.78	0.03	Not required
	FR1 n7 Ant 4		0.857		5mm							
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6	Back	0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 46	LTE Band 66(4) Ant 0	Back	1.427	1.427	5mm	-7.4	-81.2	0.13	170.4	2.65	0.03	Not required
	FR1 n41(38) Ant 4		0.853	1.22	5mm	20.8	86.8	0.33				
	WLAN2.4GHz Ant 6		0.37		5mm							
	LTE Band 66(4) Ant 0	Back	1.427	1.427	5mm	-7.4	-81.2	0.13	154.0	2.65	0.03	Not required
	FR1 n41(38) Ant 4		0.853	1.22	5mm							
	WLAN2.4GHz Ant 6		0.37		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 47	LTE Band 66(4) Ant 0	Back	1.427	1.427	5mm	-7.4	-81.2	0.13	170.4	2.78	0.03	Not required
	FR1 n41(38) Ant 4		0.853	1.35	5mm	20.8	86.8	0.33				
	WLAN5GHz Ant 6		0.375		5mm							



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	Bluetooth Ant 6	Back	0.121		5mm				166.2	2.78	0.03	Not required
	LTE Band 66(4) Ant 0		1.427	1.427	5mm	-7.4	-81.2	0.13				
	FR1 n41(38) Ant 4		0.853	1.35	5mm							
	WLAN5GHz Ant 6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6	Back	0.121		5mm				161.0	2.78	0.03	Not required
	LTE Band 66(4) Ant 0		1.427	1.427	5mm	-7.4	-81.2	0.13				
	FR1 n41(38) Ant 4		0.853	1.35	5mm							
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 48	LTE Band 66(4) Ant 0	Back	1.427	1.427	5mm	-7.4	-81.2	0.13	159.2	2.68	0.03	Not required
	FR1 n66 Ant 4		0.883	1.25	5mm	-6.1	78	0.09				
	WLAN2.4GHz Ant 6		0.37		5mm							
	LTE Band 66(4) Ant 0	Back	1.427	1.427	5mm	-7.4	-81.2	0.13	154.0	2.68	0.03	Not required
	FR1 n66 Ant 4		0.883	1.25	5mm							
	WLAN2.4GHz Ant 6		0.37		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 49	LTE Band 66(4) Ant 0	Back	1.427	1.427	5mm	-7.4	-81.2	0.13	159.2	2.81	0.03	Not required
	FR1 n66 Ant 4		0.883	1.38	5mm	-6.1	78	0.09				
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 66(4) Ant 0	Back	1.427	1.427	5mm	-7.4	-81.2	0.13	166.2	2.81	0.03	Not required
	FR1 n66 Ant 4		0.883	1.38	5mm							
	WLAN5GHz Ant 6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 66(4) Ant 0	Back	1.427	1.427	5mm	-7.4	-81.2	0.13	161.0	2.81	0.03	Not required
	FR1 n66 Ant 4		0.883	1.38	5mm							
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 50	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	168.8	2.76	0.03	Not required
	FR1 n2 Ant 4		0.978	1.35	5mm	16.6	88.5	0.3				
	WLAN2.4GHz Ant 6		0.37		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	151.0	2.76	0.03	Not required
	FR1 n2 Ant 4		0.978	1.35	5mm							
	WLAN2.4GHz Ant 6		0.37		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 51	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	168.8	2.89	0.03	Not required
	FR1 n2 Ant 4		0.978	1.47	5mm	16.6	88.5	0.3				
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	163.2	2.89	0.03	Not required
	FR1 n2 Ant 4		0.978	1.47	5mm							
	WLAN5GHz Ant 6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	157.8	2.89	0.03	Not required
	FR1 n2 Ant 4		0.978	1.47	5mm							
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				



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Case 52	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	169.5	2.64	0.03	Not required
	FR1 n7 Ant 4		0.857	1.23	5mm	16.4	89.2	0.26				
	WLAN2.4GHz Ant 6		0.37		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	151.0	2.64	0.03	Not required
	FR1 n7 Ant 4		0.857	1.23	5mm							
	WLAN2.4GHz Ant 6		0.37		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 53	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	169.5	2.77	0.03	Not required
	FR1 n7 Ant 4		0.857	1.35	5mm	16.4	89.2	0.26				
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6	Back	0.121	1.35	5mm				163.2	2.77	0.03	Not required
	LTE Band 5 Ant 0		1.414		5mm	-9.3	-78.3	-0.02				
	FR1 n7 Ant 4		0.857		5mm							
	WLAN5GHz Ant 6	Back	0.375	1.35	5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	157.8	2.77	0.03	Not required
	FR1 n7 Ant 4		0.857	1.35	5mm							
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6	Back	0.121	1.35	5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 54	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	167.8	2.64	0.03	Not required
	FR1 n41(38) Ant 4		0.853	1.22	5mm	20.8	86.8	0.33				
	WLAN2.4GHz Ant 6		0.37		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	151.0	2.64	0.03	Not required
	FR1 n41(38) Ant 4		0.853	1.22	5mm							
	WLAN2.4GHz Ant 6		0.37		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 55	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	167.8	2.76	0.03	Not required
	FR1 n41(38) Ant 4		0.853	1.35	5mm	20.8	86.8	0.33				
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6	Back	0.121	1.35	5mm				163.2	2.76	0.03	Not required
	LTE Band 5 Ant 0		1.414		5mm	-9.3	-78.3	-0.02				
	FR1 n41(38) Ant 4		0.853		5mm							
	WLAN5GHz Ant 6	Back	0.375	1.35	5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	157.8	2.76	0.03	Not required
	FR1 n41(38) Ant 4		0.853	1.35	5mm							
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6	Back	0.121	1.35	5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 56	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	156.3	2.67	0.03	Not required
	FR1 n66 Ant 4		0.883	1.25	5mm	-6.1	78	0.09				
	WLAN2.4GHz Ant 6		0.37		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	151.0	2.67	0.03	Not required
	FR1 n66 Ant 4		0.883	1.25	5mm							
	WLAN2.4GHz Ant 6		0.37		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 57	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	156.3	2.79	0.03	Not required
	FR1 n66 Ant 4		0.883	1.38	5mm	-6.1	78	0.09				
	WLAN5GHz Ant 6		0.375		5mm							



	Bluetooth Ant 6	Back	0.121		5mm				163.2	2.79	0.03	Not required
	LTE Band 5 Ant 0		1.414	1.414	5mm	-9.3	-78.3	-0.02				
	FR1 n66 Ant 4		0.883	1.38	5mm							
	WLAN5GHz Ant 6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6	Back	0.121	1.38	5mm				157.8	2.79	0.03	Not required
	LTE Band 5 Ant 0		1.414		5mm	-9.3	-78.3	-0.02				
	FR1 n66 Ant 4		0.883		5mm							
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 58	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	163.6	2.61	0.03	Not required
	FR1 n78 Ant 5		0.922	1.29	5mm	-5.8	79.2	-1.24				
	WLAN2.4GHz Ant 6		0.37		5mm							
	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	157.5	2.61	0.03	Not required
	FR1 n78 Ant 5		0.922	1.29	5mm							
	WLAN2.4GHz Ant 6		0.37		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 59	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	163.6	2.74	0.03	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm	-5.8	79.2	-1.24				
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	169.7	2.74	0.03	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm							
	WLAN5GHz Ant 6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 2 Ant 0	Back	1.322	1.322	5mm	-4.8	-84.39	0.2	164.6	2.74	0.03	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm							
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 60	LTE Band 66(4) Ant 0	Back	1.427	1.427	5mm	-7.4	-81.2	0.13	160.4	2.72	0.03	Not required
	FR1 n78 Ant 5		0.922	1.29	5mm	-5.8	79.2	-1.24				
	WLAN2.4GHz Ant 6		0.37		5mm							
	LTE Band 66(4) Ant 0	Back	1.427	1.427	5mm	-7.4	-81.2	0.13	154.0	2.72	0.03	Not required
	FR1 n78 Ant 5		0.922	1.29	5mm							
	WLAN2.4GHz Ant 6		0.37		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 61	LTE Band 2 Ant 0	Back	1.427	1.427	5mm	-4.8	-84.39	0.2	163.6	2.85	0.03	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm	-5.8	79.2	-1.24				
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 2 Ant 0	Back	1.427	1.427	5mm	-4.8	-84.39	0.2	169.7	2.85	0.03	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm							
	WLAN5GHz Ant 6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 2 Ant 0	Back	1.427	1.427	5mm	-4.8	-84.39	0.2	164.6	2.85	0.03	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm							
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				



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Case 62	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	157.5	2.71	0.03	Not required
	FR1 n78 Ant 5		0.922	1.29	5mm	-5.8	79.2	-1.24				
	WLAN2.4GHz Ant 6		0.37		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	151.0	2.71	0.03	Not required
	FR1 n78 Ant 5		0.922	1.29	5mm							
	WLAN2.4GHz Ant 6		0.37		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 63	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	157.5	2.83	0.03	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm	-5.8	79.2	-1.24				
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	163.2	2.83	0.03	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm							
	WLAN5GHz Ant 6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 0	Back	1.414	1.414	5mm	-9.3	-78.3	-0.02	157.8	2.83	0.03	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm							
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 64	LTE Band 26 Ant 0	Back	0.937	0.937	5mm	-6.3	-71.8	0.13	151.0	2.23	0.02	Not required
	FR1 n78 Ant 5		0.922	1.29	5mm	-5.8	79.2	-1.24				
	WLAN2.4GHz Ant 6		0.37		5mm							
	LTE Band 26 Ant 0	Back	0.937	0.937	5mm	-6.3	-71.8	0.13	144.9	2.23	0.02	Not required
	FR1 n78 Ant 5		0.922	1.29	5mm							
	WLAN2.4GHz Ant 6		0.37		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 65	LTE Band 26 Ant 0	Back	0.937	0.937	5mm	-6.3	-71.8	0.13	151.0	2.36	0.02	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm	-5.8	79.2	-1.24				
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 26 Ant 0	Back	0.937	0.937	5mm	-6.3	-71.8	0.13	157.0	2.36	0.02	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm							
	WLAN5GHz Ant 6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 26 Ant 0	Back	0.937	0.937	5mm	-6.3	-71.8	0.13	151.9	2.36	0.02	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm							
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 66	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	145.0	2.51	0.03	Not required
	FR1 n66 Ant 4		0.883	1.25	5mm	-6.1	78	0.09				
	WLAN2.4GHz Ant 6		0.37		5mm							
	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	144.9	2.51	0.03	Not required
	FR1 n66 Ant 4		0.883	1.25	5mm							
	WLAN2.4GHz Ant 6		0.37		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 67	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	145.0	2.64	0.03	Not required
	FR1 n66 Ant 4		0.883	1.38	5mm	-6.1	78	0.09				
	WLAN5GHz Ant 6		0.375		5mm							



	Bluetooth Ant 6	Back	0.121		5mm				155.3	2.64	0.03	Not required
	LTE Band 7 Ant 1		1.26	1.26	5mm	28.4	-62.8	0.13				
	FR1 n66 Ant 4		0.883	1.38	5mm							
	WLAN5GHz Ant 6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6	Back	0.121		5mm				153.9	2.64	0.03	Not required
	LTE Band 7 Ant 1		1.26	1.26	5mm	28.4	-62.8	0.13				
	FR1 n66 Ant 4		0.883	1.38	5mm							
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 68	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	146.1	2.55	0.03	Not required
	FR1 n78 Ant 5		0.922	1.29	5mm	-5.8	79.2	-1.24				
	WLAN2.4GHz Ant 6		0.37		5mm							
	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	144.9	2.55	0.03	Not required
	FR1 n78 Ant 5		0.922	1.29	5mm							
	WLAN2.4GHz Ant 6		0.37		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 69	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	146.1	2.68	0.03	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm	-5.8	79.2	-1.24				
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	155.3	2.68	0.03	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm							
	WLAN5GHz Ant 6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 7 Ant 1	Back	1.26	1.26	5mm	28.4	-62.8	0.13	153.9	2.68	0.03	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm							
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 70	LTE Band 38 Ant 1	Back	1.426	1.426	5mm	25.31	-63.1	0.15	145.7	2.72	0.03	Not required
	FR1 n78 Ant 5		0.922	1.29	5mm	-5.8	79.2	-1.24				
	WLAN2.4GHz Ant 6		0.37		5mm							
	LTE Band 38 Ant 1	Back	1.426	1.426	5mm	25.31	-63.1	0.15	144.1	2.72	0.03	Not required
	FR1 n78 Ant 5		0.922	1.29	5mm							
	WLAN2.4GHz Ant 6		0.37		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 71	LTE Band 38 Ant 1	Back	1.426	1.426	5mm	25.31	-63.1	0.15	145.7	2.84	0.03	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm	-5.8	79.2	-1.24				
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 38 Ant 1	Back	1.426	1.426	5mm	25.31	-63.1	0.15	154.7	2.84	0.03	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm							
	WLAN5GHz Ant 6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 38 Ant 1	Back	1.426	1.426	5mm	25.31	-63.1	0.15	152.9	2.84	0.03	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm							
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				



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Case 72	LTE Band 41 Ant 1	Back	1.394	1.394	5mm	29.6	-60.8	0.25	144.4	2.69	0.03	Not required
	FR1 n78 Ant 5		0.922	1.29	5mm	-5.8	79.2	-1.24				
	WLAN2.4GHz Ant 6		0.37		5mm							
	LTE Band 41 Ant 1	Back	1.394	1.394	5mm	29.6	-60.8	0.25	143.5	2.69	0.03	Not required
	FR1 n78 Ant 5		0.922	1.29	5mm							
	WLAN2.4GHz Ant 6		0.37		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm) X Y Z			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 73	LTE Band 41 Ant 1	Back	1.394	1.394	5mm	29.6	-60.8	0.25	144.4	2.81	0.03	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm	-5.8	79.2	-1.24				
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 41 Ant 1	Back	1.394	1.394	5mm	29.6	-60.8	0.25	153.8	2.81	0.03	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm	-20.9	84.5	0.1				
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 41 Ant 1	Back	1.394	1.394	5mm	29.6	-60.8	0.25	152.6	2.81	0.03	Not required
	FR1 n78 Ant 5		0.922	1.42	5mm							
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm) X Y Z			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 74	LTE Band 5 Ant 4	Back	0.474	0.474	5mm	37.3	91.8	0.5	180.8	2.18	0.02	Not required
	FR1 n66 Ant 0		1.34	1.71	5mm	-5.9	-83.8	0.18				
	WLAN2.4GHz Ant 6		0.37		5mm							
	LTE Band 5 Ant 4	Back	0.474	0.474	5mm				156.8	2.18	0.02	Not required
	FR1 n66 Ant 0		1.34	1.71	5mm	-5.9	-83.8	0.18				
	WLAN2.4GHz Ant 6		0.37		5mm	-25.3	71.8	0.26				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm) X Y Z			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 75	LTE Band 5 Ant 4	Back	0.474	0.474	5mm	37.3	91.8	0.5	180.8	2.31	0.02	Not required
	FR1 n66 Ant 0		1.34	1.84	5mm	-5.9	-83.8	0.18				
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 4	Back	0.474	0.474	5mm				169.0	2.31	0.02	Not required
	FR1 n66 Ant 0		1.34	1.84	5mm	-5.9	-83.8	0.18				
	WLAN5GHz Ant 6		0.375		5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	LTE Band 5 Ant 4	Back	0.474	0.474	5mm				163.8	2.31	0.02	Not required
	FR1 n66 Ant 0		1.34	1.84	5mm	-5.9	-83.8	0.18				
	WLAN5GHz Ant 6		0.375		5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				
Case No	Band	Position	SAR 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm) X Y Z			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
Case 158	WCDMA V Ant 0	Back	1.257	5mm	-8.3	-73.1	0.12	145.9	1.63	0.01	Not required	
	WLAN2.4GHz Ant 6		0.37	5mm	-25.3	71.8	0.26					
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm) X Y Z			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 159	WCDMA V Ant 0	Back	1.257	1.257	5mm	-8.3	-73.1	0.12	158.1	1.75	0.01	Not required
	WLAN5GHz Ant6		0.375	0.50	5mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.121		5mm							
	WCDMA V Ant 0	Back	1.257	1.257	5mm	-8.3	-73.1	0.12	152.9	1.75	0.02	Not required
	WLAN5GHz Ant6		0.375	0.50	5mm							
	Bluetooth Ant 6		0.121		5mm	-35	77.4	-0.13				

Case No	Band	Position	SAR 1g SAR (W/kg)	Summed	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				1g SAR (W/kg)		X	Y	Z				
23-1	LTE Band 66(4) Ant 0	Back	1.076	1.076	18mm	-7.4	-81.2	0.13	161.0	1.70	0.01	Not required
	WLAN5GHz Ant6		0.578	0.621	18mm							
	Bluetooth Ant 6		0.043		18mm	-35	77.4	-0.13				
23-1	LTE Band 66(4) Ant 0	Back	1.076	1.076	18mm	-7.4	-81.2	0.13	166.2	1.70	0.01	Not required
	WLAN5GHz Ant6		0.578	0.621	18mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.043		18mm							
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
29-1	FR1 n66 Ant 0	Back	1.022	1.022	18mm	-5.9	-83.8	0.18	163.8	1.64	0.01	Not required
	WLAN5GHz Ant6		0.578	0.621	18mm							
	Bluetooth Ant 6		0.043		18mm	-35	77.4	-0.13				
29-1	FR1 n66 Ant 0	Back	1.022	1.022	18mm	-5.9	-83.8	0.18	169.0	1.64	0.01	Not required
	WLAN5GHz Ant6		0.578	0.621	18mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0.043		18mm							

<For Extremity>

Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 134	FR1 n7 Ant 1	Back	3.217	3.217	0mm	28.4	-62.8	0.13	144.9	4.07	0.06	Not required
	WLAN2.4GHz Ant 6		0.847	0.86	0mm	-25.3	71.8	0.26				
	NFC		0.01		0mm							
	FR1 n7 Ant 1	Back	3.217	3.217	0mm	28.4	-62.8	0.13	101.1	4.07	0.08	Not required
	WLAN2.4GHz Ant 6		0.847	0.86	0mm							
	NFC		0.01		0mm	-2	33.6	-3.32				
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 135	FR1 n78 Ant 1	Back	3.196	3.196	0mm	32.2	-71.2	0.34	154.1	4.05	0.05	Not required
	WLAN2.4GHz Ant 6		0.847	0.86	0mm	-25.3	71.8	0.26				
	NFC		0.01		0mm							
	FR1 n78 Ant 1	Back	3.196	3.196	0mm	32.2	-71.2	0.34	110.3	4.05	0.07	Not required
	WLAN2.4GHz Ant 6		0.847	0.86	0mm							
	NFC		0.01		0mm	-2	33.6	-3.32				
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 136	LTE Band 2 Ant 0	Back	1.833	1.833	0mm	-4.8	-84.39	0.2	174.9	4.31	0.05	Not required
	FR1 n7 Ant 4		1.615	2.47	0mm	16.4	89.2	0.26				
	WLAN2.4GHz Ant 6		0.847		0mm							
	NFC		0.01		0mm							
	LTE Band 2 Ant 0	Back	1.833	1.833	0mm	-4.8	-84.39	0.2	157.5	4.31	0.06	Not required
	FR1 n7 Ant 4		1.615	2.47	0mm							
	WLAN2.4GHz Ant 6		0.847		0mm	-25.3	71.8	0.26				
	NFC		0.01		0mm							
	LTE Band 2 Ant 0	Back	1.833	1.833	0mm	-4.8	-84.39	0.2	118.1	4.31	0.08	Not required
	FR1 n7 Ant 4		1.615	2.47	0mm							
	WLAN2.4GHz Ant 6		0.847		0mm							
	NFC		0.01		0mm	-2	33.6	-3.32				
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 137	LTE Band 2 Ant 0	Back	1.833	1.833	0mm	-4.8	-84.39	0.2	174.9	4.20	0.05	Not required
	FR1 n7 Ant 4		1.615	2.37	0mm	16.4	89.2	0.26				
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm							



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	NFC		0.01		0mm							
	LTE Band 2 Ant 0	Back	1.833	1.833	0mm	-4.8	-84.39	0.2	169.7	4.20	0.05	Not required
	FR1 n7 Ant 4		1.615	2.37	0mm							
	WLAN5GHz Ant6		0.746		0mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0		0mm							
	NFC		0.01		0mm							
	LTE Band 2 Ant 0	Back	1.833	1.833	0mm	-4.8	-84.39	0.2	164.6	4.20	0.05	Not required
	FR1 n7 Ant 4		1.615	2.37	0mm							
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm	-35	77.4	-0.13				
	NFC		0.01		0mm							
	LTE Band 2 Ant 0	Back	1.833	1.833	0mm	-4.8	-84.39	0.2	118.1	4.20	0.07	Not required
	FR1 n7 Ant 4		1.615	2.37	0mm							
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm							
	NFC		0.01		0mm	-2	33.6	-3.32				
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 138	LTE Band 2 Ant 0	Back	1.833	1.833	0mm	-4.8	-84.39	0.2	173.1	5.14	0.07	Not required
	FR1 n41(38) Ant 4		2.454	3.31	0mm	20.8	86.8	0.33				
	WLAN2.4GHz Ant 6		0.847		0mm							
	NFC		0.01		0mm							
	LTE Band 2 Ant 0	Back	1.833	1.833	0mm	-4.8	-84.39	0.2	157.5	5.14	0.07	Not required
	FR1 n41(38) Ant 4		2.454	3.31	0mm							
	WLAN2.4GHz Ant 6		0.847		0mm	-25.3	71.8	0.26				
	NFC		0.01		0mm							
	LTE Band 2 Ant 0	Back	1.833	1.833	0mm	-4.8	-84.39	0.2	118.1	5.14	0.10	Not required
	FR1 n41(38) Ant 4		2.454	3.31	0mm							
	WLAN2.4GHz Ant 6		0.847		0mm							
	NFC		0.01		0mm	-2	33.6	-3.32				
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 139	LTE Band 2 Ant 0	Back	1.833	1.833	0mm	-4.8	-84.39	0.2	173.1	5.04	0.07	Not required
	FR1 n41(38) Ant 4		2.454	3.21	0mm	20.8	86.8	0.33				
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm							
	NFC		0.01		0mm							
	LTE Band 2 Ant 0	Back	1.833	1.833	0mm	-4.8	-84.39	0.2	169.7	5.04	0.07	Not required
	FR1 n41(38) Ant 4		2.454	3.21	0mm							
	WLAN5GHz Ant6		0.746		0mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0		0mm							
	NFC		0.01		0mm							
	LTE Band 2 Ant 0	Back	1.833	1.833	0mm	-4.8	-84.39	0.2	164.6	5.04	0.07	Not required
	FR1 n41(38) Ant 4		2.454	3.21	0mm							
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm	-35	77.4	-0.13				
	NFC		0.01		0mm							
	LTE Band 2 Ant 0	Back	1.833	1.833	0mm	-4.8	-84.39	0.2	118.1	5.04	0.10	Not required
	FR1 n41(38) Ant 4		2.454	3.21	0mm							
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm							
	NFC		0.01		0mm	-2	33.6	-3.32				
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case	LTE Band 66(4) Ant 0	Back	2.63	2.63	0mm	-7.4	-81.2	0.13	172.1	5.10	0.07	Not required



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140	FR1 n7 Ant 4		1.615	2.47	0mm	16.4	89.2	0.26				
	WLAN2.4GHz Ant 6		0.847		0mm							
	NFC		0.01		0mm							
	LTE Band 66(4) Ant 0	Back	2.63	2.63	0mm	-7.4	-81.2	0.13	154.0	5.10	0.07	Not required
	FR1 n7 Ant 4		1.615	2.47	0mm							
	WLAN2.4GHz Ant 6		0.847		0mm	-25.3	71.8	0.26				
	NFC	Back	0.01		0mm				115.0	5.10	0.10	Not required
	LTE Band 66(4) Ant 0		2.63	2.63	0mm	-7.4	-81.2	0.13				
	FR1 n7 Ant 4		1.615	2.47	0mm							
	WLAN2.4GHz Ant 6		0.847		0mm							
	NFC		0.01		0mm	-2	33.6	-3.32				
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 141	LTE Band 66(4) Ant 0	Back	2.63	2.63	0mm	-7.4	-81.2	0.13	172.1	5.00	0.07	Not required
	FR1 n7 Ant 4		1.615	2.37	0mm	16.4	89.2	0.26				
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6	Back	0		0mm				166.2	5.00	0.07	Not required
	NFC		0.01		0mm							
	LTE Band 66(4) Ant 0		2.63	2.63	0mm	-7.4	-81.2	0.13				
	FR1 n7 Ant 4	Back	1.615	2.37	0mm				161.0	5.00	0.07	Not required
	WLAN5GHz Ant6		0.746		0mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0		0mm							
	NFC	Back	0.01		0mm				115.0	5.00	0.10	Not required
	LTE Band 66(4) Ant 0		2.63	2.63	0mm	-7.4	-81.2	0.13				
	FR1 n7 Ant 4		1.615	2.37	0mm							
	WLAN5GHz Ant6	Back	0.746		0mm				170.4	5.94	0.09	Not required
	Bluetooth Ant 6		0		0mm							
	NFC		0.01		0mm							
Case 142	LTE Band 66(4) Ant 0	Back	2.63	2.63	0mm	-7.4	-81.2	0.13	154.0	5.94	0.09	Not required
	FR1 n41(38) Ant 4		2.454	3.31	0mm	20.8	86.8	0.33				
	WLAN2.4GHz Ant 6		0.847		0mm							
	NFC	Back	0.01		0mm				115.0	5.94	0.13	Not required
	LTE Band 66(4) Ant 0		2.63	2.63	0mm	-7.4	-81.2	0.13				
	FR1 n41(38) Ant 4		2.454	3.31	0mm				170.4	5.84	0.08	Not required
	WLAN2.4GHz Ant 6	Back	0.847		0mm	-25.3	71.8	0.26				
	NFC		0.01		0mm							
	LTE Band 66(4) Ant 0	Back	2.63	2.63	0mm	-7.4	-81.2	0.13	166.2	5.84	0.08	Not required
	FR1 n41(38) Ant 4		2.454	3.31	0mm							
	WLAN2.4GHz Ant 6		0.847		0mm							
Case 143	LTE Band 66(4) Ant 0	Back	2.63	2.63	0mm	-7.4	-81.2	0.13	170.4	5.84	0.08	Not required
	FR1 n41(38) Ant 4		2.454	3.21	0mm	20.8	86.8	0.33				
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6	Back	0		0mm				166.2	5.84	0.08	Not required
	NFC		0.01		0mm							
	LTE Band 66(4) Ant 0		2.63	2.63	0mm	-7.4	-81.2	0.13				
	FR1 n41(38) Ant 4	Back	2.454	3.21	0mm				170.4	5.84	0.08	Not required
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm							
	NFC	Back	0.01		0mm				166.2	5.84	0.08	Not required
	LTE Band 66(4) Ant 0		2.63	2.63	0mm	-7.4	-81.2	0.13				



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	FR1 n41(38) Ant 4		2.454	3.21	0mm							
	WLAN5GHz Ant6		0.746		0mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0		0mm							
	NFC		0.01		0mm							
	LTE Band 66(4) Ant 0	Back	2.63	2.63	0mm	-7.4	-81.2	0.13	161.0	5.84	0.09	Not required
	FR1 n41(38) Ant 4		2.454		0mm							
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm	-35	77.4	-0.13				
	NFC	Back	0.01	3.21	0mm				115.0	5.84	0.12	Not required
	LTE Band 66(4) Ant 0		2.63		0mm	-7.4	-81.2	0.13				
	FR1 n41(38) Ant 4		2.454		0mm							
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6	Back	0		0mm							
	NFC		0.01		0mm							
	LTE Band 66(4) Ant 0		2.63		0mm	-7.4	-81.2	0.13				
	FR1 n41(38) Ant 4		2.454		0mm							
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm							
	NFC		0.01		0mm	-2	33.6	-3.32				
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 144	LTE Band 5 Ant 0	Back	1.304	1.304	0mm	-9.3	-78.3	-0.02	167.8	4.62	0.06	Not required
	FR1 n41(38) Ant 4		2.454		0mm	20.8	86.8	0.33				
	WLAN2.4GHz Ant 6		0.847		0mm							
	NFC		0.01		0mm							
	LTE Band 5 Ant 0	Back	1.304	1.304	0mm	-9.3	-78.3	-0.02	151.0	4.62	0.07	Not required
	FR1 n41(38) Ant 4		2.454		0mm							
	WLAN2.4GHz Ant 6		0.847		0mm	-25.3	71.8	0.26				
	NFC		0.01		0mm							
	LTE Band 5 Ant 0	Back	1.304	1.304	0mm	-9.3	-78.3	-0.02	112.2	4.62	0.09	Not required
	FR1 n41(38) Ant 4		2.454		0mm							
	WLAN2.4GHz Ant 6		0.847		0mm							
	NFC		0.01		0mm	-2	33.6	-3.32				
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 145	LTE Band 5 Ant 0	Back	1.304	1.304	0mm	-9.3	-78.3	-0.02	167.8	4.51	0.06	Not required
	FR1 n41(38) Ant 4		2.454		0mm	20.8	86.8	0.33				
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm							
	NFC	Back	0.01	3.21	0mm				163.2	4.51	0.06	Not required
	LTE Band 5 Ant 0		1.304		0mm	-9.3	-78.3	-0.02				
	FR1 n41(38) Ant 4		2.454		0mm							
	WLAN5GHz Ant6		0.746		0mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0		0mm							
	NFC	Back	0.01		0mm				157.8	4.51	0.06	Not required
	LTE Band 5 Ant 0		1.304		0mm	-9.3	-78.3	-0.02				
	FR1 n41(38) Ant 4		2.454		0mm							
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm	-35	77.4	-0.13				
	NFC		0.01		0mm							
	LTE Band 5 Ant 0	Back	1.304	1.304	0mm	-9.3	-78.3	-0.02	112.2	4.51	0.09	Not required
	FR1 n41(38) Ant 4		2.454		0mm							
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm							
	NFC		0.01		0mm	-2	33.6	-3.32				
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 146	LTE Band 2 Ant 0	Back	1.833	1.833	0mm	-4.8	-84.39	0.2	163.6	4.78	0.06	Not required
	FR1 n78 Ant 5		2.092		0mm	-5.8	79.2	-1.24				
	WLAN2.4GHz Ant 6		0.847		0mm							



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	NFC		0.01		0mm							
	LTE Band 2 Ant 0	Back	1.833	1.833	0mm	-4.8	-84.39	0.2	157.5	4.78	0.07	Not required
	FR1 n78 Ant 5		2.092	2.95	0mm							
	WLAN2.4GHz Ant 6		0.847		0mm	-25.3	71.8	0.26				
	NFC		0.01		0mm							
	LTE Band 2 Ant 0	Back	1.833	1.833	0mm	-4.8	-84.39	0.2	118.1	4.78	0.09	Not required
	FR1 n78 Ant 5		2.092	2.95	0mm							
	WLAN2.4GHz Ant 6		0.847		0mm							
	NFC		0.01		0mm	-2	33.6	-3.32				
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 147	LTE Band 2 Ant 0	Back	1.833	1.833	0mm	-4.8	-84.39	0.2	163.6	4.68	0.06	Not required
	FR1 n78 Ant 5		2.092	2.85	0mm	-5.8	79.2	-1.24				
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm							
	NFC	Back	0.01	1.833	0mm				169.7	4.68	0.06	Not required
	LTE Band 2 Ant 0		1.833		0mm	-4.8	-84.39	0.2				
	FR1 n78 Ant 5		2.092		0mm							
	WLAN5GHz Ant6		0.746		0mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0		0mm							
	NFC	Back	0.01	1.833	0mm				164.6	4.68	0.06	Not required
	LTE Band 2 Ant 0		1.833		0mm	-4.8	-84.39	0.2				
	FR1 n78 Ant 5		2.092		0mm							
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm	-35	77.4	-0.13				
	NFC	Back	0.01	1.833	0mm				118.1	4.68	0.09	Not required
	LTE Band 2 Ant 0		1.833		0mm	-4.8	-84.39	0.2				
	FR1 n78 Ant 5		2.092		0mm							
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm							
	NFC		0.01		0mm	-2	33.6	-3.32				
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 148	LTE Band 66(4) Ant 0	Back	2.63	2.63	0mm	-7.4	-81.2	0.13	160.4	5.58	0.08	Not required
	FR1 n78 Ant 5		2.092	2.95	0mm	-5.8	79.2	-1.24				
	WLAN2.4GHz Ant 6		0.847		0mm							
	NFC		0.01		0mm							
	LTE Band 66(4) Ant 0	Back	2.63	2.63	0mm	-7.4	-81.2	0.13	154.0	5.58	0.09	Not required
	FR1 n78 Ant 5		2.092	2.95	0mm							
	WLAN2.4GHz Ant 6		0.847		0mm	-25.3	71.8	0.26				
	NFC		0.01		0mm							
	LTE Band 66(4) Ant 0	Back	2.63	2.63	0mm	-7.4	-81.2	0.13	115.0	5.58	0.11	Not required
	FR1 n78 Ant 5		2.092	2.95	0mm							
	WLAN2.4GHz Ant 6		0.847		0mm							
	NFC		0.01		0mm	-2	33.6	-3.32				
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 149	LTE Band 66(4) Ant 0	Back	2.63	2.63	0mm	-7.4	-81.2	0.13	160.4	5.48	0.08	Not required
	FR1 n78 Ant 5		2.092	2.85	0mm	-5.8	79.2	-1.24				
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm							
	NFC	Back	0.01	2.63	0mm				166.2	5.48	0.08	Not required
	LTE Band 66(4) Ant 0		2.63		0mm	-7.4	-81.2	0.13				
	FR1 n78 Ant 5		2.092		0mm							
	WLAN5GHz Ant6		0.746		0mm	-20.9	84.5	0.1				



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	Bluetooth Ant 6		0		0mm				161.0	5.48	0.08	Not required	
	NFC		0.01		0mm								
	LTE Band 66(4) Ant 0		2.63		2.63	0mm	-7.4	-81.2					0.13
	FR1 n78 Ant 5		2.092		0mm								
	WLAN5GHz Ant6	Back	0.746	2.85	0mm				115.0	5.48	0.11	Not required	
	Bluetooth Ant 6		0		0mm	-35	77.4	-0.13					
	NFC		0.01		0mm								
	LTE Band 66(4) Ant 0		2.63		2.63	0mm	-7.4	-81.2					0.13
	FR1 n78 Ant 5	Back	2.092	2.85	0mm				115.0	5.48	0.11	Not required	
	WLAN5GHz Ant6		0.746		0mm								
	Bluetooth Ant 6		0		0mm								
	NFC		0.01		0mm	-2	33.6	-3.32					
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	SAR peak location (mm) X Y Z			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
Case 150	LTE Band 5 Ant 0	Back	1.304	1.304	0mm	-9.3	-78.3	-0.02	157.5	4.25	0.06	Not required	
	FR1 n78 Ant 5		2.092	0mm	-5.8	79.2	-1.24						
	WLAN2.4GHz Ant 6		0.847	0mm									
	NFC		0.01	0mm									
	LTE Band 5 Ant 0	Back	1.304	1.304	0mm	-9.3	-78.3	-0.02	151.0	4.25	0.06	Not required	
	FR1 n78 Ant 5		2.092	0mm									
	WLAN2.4GHz Ant 6		0.847	2.95	0mm	-25.3	71.8	0.26					
	NFC		0.01	0mm									
	LTE Band 5 Ant 0	Back	1.304	1.304	0mm	-9.3	-78.3	-0.02	112.2	4.25	0.08	Not required	
	FR1 n78 Ant 5		2.092	0mm									
	WLAN2.4GHz Ant 6		0.847	2.95	0mm								
	NFC		0.01	0mm	-2	33.6	-3.32						
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	SAR peak location (mm) X Y Z			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
Case 151	LTE Band 5 Ant 0	Back	1.304	1.304	0mm	-9.3	-78.3	-0.02	157.5	4.15	0.05	Not required	
	FR1 n78 Ant 5		2.092	0mm	-5.8	79.2	-1.24						
	WLAN5GHz Ant6		0.746	0mm									
	Bluetooth Ant 6		0	0mm									
	NFC		0.01	0mm									
	LTE Band 5 Ant 0	Back	1.304	1.304	0mm	-9.3	-78.3	-0.02	163.2	4.15	0.05	Not required	
	FR1 n78 Ant 5		2.092	0mm									
	WLAN5GHz Ant6		0.746	0mm	-20.9	84.5	0.1						
	Bluetooth Ant 6		0	0mm									
	NFC		0.01	0mm									
	LTE Band 5 Ant 0	Back	1.304	1.304	0mm	-9.3	-78.3	-0.02	157.8	4.15	0.05	Not required	
	FR1 n78 Ant 5		2.092	0mm									
	WLAN5GHz Ant6		0.746	0mm									
	Bluetooth Ant 6		0	0mm	-35	77.4	-0.13						
	NFC		0.01	0mm									
	LTE Band 5 Ant 0	Back	1.304	1.304	0mm	-9.3	-78.3	-0.02	112.2	4.15	0.08	Not required	
	FR1 n78 Ant 5		2.092	0mm									
	WLAN5GHz Ant6		0.746	0mm									
Bluetooth Ant 6	0		0mm										
NFC	0.01		0mm	-2	33.6	-3.32							
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	SAR peak location (mm) X Y Z			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
Case 152	LTE Band 7 Ant 1	Back	2.52	2.52	0mm	28.4	-62.8	0.13	146.1	5.47	0.09	Not required	
	FR1 n78 Ant 5		2.092	0mm	-5.8	79.2	-1.24						
	WLAN2.4GHz Ant 6		0.847	0mm									
	NFC		0.01	0mm									
	LTE Band 7 Ant 1	Back	2.52	2.52	0mm	28.4	-62.8	0.13	144.9	5.47	0.09	Not required	

	FR1 n78 Ant 5		2.092	2.95	0mm				101.1	5.47	0.13	Not required
	WLAN2.4GHz Ant 6		0.847		0mm	-25.3	71.8	0.26				
	NFC		0.01		0mm							
	LTE Band 7 Ant 1	Back	2.52	2.52	0mm	28.4	-62.8	0.13				
	FR1 n78 Ant 5		2.092	2.95	0mm							
	WLAN2.4GHz Ant 6		0.847		0mm							
	NFC		0.01		0mm	-2	33.6	-3.32				
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 153	LTE Band 7 Ant 1	Back	2.52	2.52	0mm	28.4	-62.8	0.13	146.1	5.37	0.09	Not required
	FR1 n78 Ant 5		2.092	2.85	0mm	-5.8	79.2	-1.24				
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm							
	NFC	Back	0.01	2.85	0mm				155.3	5.37	0.08	Not required
	LTE Band 7 Ant 1		2.52		0mm	28.4	-62.8	0.13				
	FR1 n78 Ant 5		2.092		0mm							
	WLAN5GHz Ant6		0.746		0mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0		0mm							
	NFC	Back	0.01	2.85	0mm				153.9	5.37	0.08	Not required
	LTE Band 7 Ant 1		2.52		0mm	28.4	-62.8	0.13				
	FR1 n78 Ant 5		2.092		0mm							
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm	-35	77.4	-0.13				
	NFC	Back	0.01	2.85	0mm				101.1	5.37	0.12	Not required
	LTE Band 7 Ant 1		2.52		0mm	28.4	-62.8	0.13				
	FR1 n78 Ant 5		2.092		0mm							
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm							
	NFC		0.01		0mm	-2	33.6	-3.32				
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 154	LTE Band 38 Ant 1	Back	3.184	3.184	0mm	25.31	-63.1	0.15	145.7	6.13	0.10	Not required
	FR1 n78 Ant 5		2.092	2.95	0mm	-5.8	79.2	-1.24				
	WLAN2.4GHz Ant 6		0.847		0mm							
	NFC		0.01		0mm							
	LTE Band 38 Ant 1	Back	3.184	3.184	0mm	25.31	-63.1	0.15	144.1	6.13	0.11	Not required
	FR1 n78 Ant 5		2.092	2.95	0mm							
	WLAN2.4GHz Ant 6		0.847		0mm	-25.3	71.8	0.26				
	NFC		0.01		0mm							
	LTE Band 38 Ant 1	Back	3.184	3.184	0mm	25.31	-63.1	0.15	100.5	6.13	0.15	Not required
	FR1 n78 Ant 5		2.092	2.95	0mm							
	WLAN2.4GHz Ant 6		0.847		0mm							
	NFC		0.01		0mm	-2	33.6	-3.32				
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 155	LTE Band 38 Ant 1	Back	3.184	3.184	0mm	25.31	-63.1	0.15	145.7	6.03	0.10	Not required
	FR1 n78 Ant 5		2.092	2.85	0mm	-5.8	79.2	-1.24				
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm							
	NFC	Back	0.01	2.85	0mm				154.7	6.03	0.10	Not required
	LTE Band 38 Ant 1		3.184		0mm	25.31	-63.1	0.15				
	FR1 n78 Ant 5		2.092		0mm							
	WLAN5GHz Ant6		0.746		0mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0		0mm							
	NFC		0.01		0mm							



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	LTE Band 38 Ant 1	Back	3.184	3.184	0mm	25.31	-63.1	0.15	152.9	6.03	0.10	Not required
	FR1 n78 Ant 5		2.092	2.85	0mm							
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm	-35	77.4	-0.13				
	NFC		0.01		0mm							
	LTE Band 38 Ant 1	Back	3.184	3.184	0mm	25.31	-63.1	0.15	100.5	6.03	0.15	Not required
	FR1 n78 Ant 5		2.092	2.85	0mm							
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm							
	NFC		0.01		0mm	-2	33.6	-3.32				
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 156	LTE Band 41 Ant 1	Back	2.894	2.894	0mm	29.6	-60.8	0.25	144.4	5.84	0.10	Not required
	FR1 n78 Ant 5		2.092	2.95	0mm	-5.8	79.2	-1.24				
	WLAN2.4GHz Ant 6		0.847		0mm							
	NFC		0.01		0mm							
	LTE Band 41 Ant 1	Back	2.894	2.894	0mm	29.6	-60.8	0.25	143.5	5.84	0.10	Not required
	FR1 n78 Ant 5		2.092	2.95	0mm							
	WLAN2.4GHz Ant 6		0.847		0mm	-25.3	71.8	0.26				
	NFC		0.01		0mm							
	LTE Band 41 Ant 1	Back	2.894	2.894	0mm	29.6	-60.8	0.25	99.6	5.84	0.14	Not required
	FR1 n78 Ant 5		2.092	2.95	0mm							
	WLAN2.4GHz Ant 6		0.847		0mm							
	NFC		0.01		0mm	-2	33.6	-3.32				
Case No	Band	Position	SAR 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 157	LTE Band 41 Ant 1	Back	2.894	2.894	0mm	29.6	-60.8	0.25	144.4	5.74	0.10	Not required
	FR1 n78 Ant 5		2.092	2.85	0mm	-5.8	79.2	-1.24				
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm							
	NFC		0.01		0mm							
	LTE Band 41 Ant 1	Back	2.894	2.894	0mm	29.6	-60.8	0.25	153.8	5.74	0.09	Not required
	FR1 n78 Ant 5		2.092	2.85	0mm							
	WLAN5GHz Ant6		0.746		0mm	-20.9	84.5	0.1				
	Bluetooth Ant 6		0		0mm							
	NFC		0.01		0mm							
	LTE Band 41 Ant 1	Back	2.894	2.894	0mm	29.6	-60.8	0.25	152.6	5.74	0.09	Not required
	FR1 n78 Ant 5		2.092	2.85	0mm							
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm	-35	77.4	-0.13				
	NFC		0.01		0mm							
	LTE Band 41 Ant 1	Back	2.894	2.894	0mm	29.6	-60.8	0.25	99.6	5.74	0.14	Not required
	FR1 n78 Ant 5		2.092	2.85	0mm							
	WLAN5GHz Ant6		0.746		0mm							
	Bluetooth Ant 6		0		0mm							
	NFC		0.01		0mm	-2	33.6	-3.32				

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17. Uncertainty Assessment

Per KDB 865664 D01 SAR measurement 100MHz to 6GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg and the measured 10-g SAR within a frequency band is < 3.75 W/kg. The expanded SAR measurement uncertainty must be $\leq 30\%$, for a confidence interval of $k = 2$. If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. For this device, the highest measured 1-g SAR is less 1.5W/kg and highest measured 10-g SAR is less 3.75W/kg. Therefore, the measurement uncertainty table is not required in this report.

18. References

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- [5] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.
- [6] FCC KDB 865664 D02 v01r02, "RF Exposure Compliance Reporting and Documentation Considerations" Oct 2015.
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- [12] FCC KDB 941225 D05A v01r02, "Rel. 10 LTE SAR Test Guidance and KDB Inquiries", Oct 2015
- [13] FCC KDB 941225 D06 v02r01, "SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities", Oct 2015.
- [14] FCC KDB 447498 D01 v06, "Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies", Oct 2015

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