



Table with columns: LTE Band, Modulation, Power, Frequency, Time, Location, Antenna, SAR, etc. Rows include various LTE bands (41, 41C, 41C_HPUE) and antenna configurations (0mm, 11mm, 13mm, 17mm).



FCC SAR Test Report

Report No. : FA2D0913

Table with columns: Model, Power, Modulation, Channels, Frequency, Bandwidth, Position, Distance, Antenna, Exposure Type, SAR 1g, SAR 2g, SAR 3g, SAR 4g, SAR 5g, SAR 6g, SAR 7g, SAR 8g, SAR 9g, SAR 10g, SAR 11g, SAR 12g, SAR 13g, SAR 14g, SAR 15g, SAR 16g, SAR 17g, SAR 18g, SAR 19g, SAR 20g, SAR 21g, SAR 22g, SAR 23g, SAR 24g, SAR 25g, SAR 26g, SAR 27g, SAR 28g, SAR 29g, SAR 30g, SAR 31g, SAR 32g, SAR 33g, SAR 34g, SAR 35g, SAR 36g, SAR 37g, SAR 38g, SAR 39g, SAR 40g. Includes a row with SAR 35g value 3.113.



FCC SAR Test Report

Report No. : FA2D0913

	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 2	DSI 6	633334	3500.01	open	19.51	20.60	1.285	-	-	-0.11	1.010	1.298
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 2	DSI 6	633334	3500.01	open	19.49	20.60	1.291	-	-	0.09	0.916	1.183
120	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 2	DSI 6	633334	3500.01	open	19.51	20.60	1.285	-	-	0.04	2.420	3.110
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 2	DSI 6 Simultaneous	633334	3500.01	open	18.98	20.00	1.265	-	-	-0.02	2.160	2.732
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 2	DSI 6	633334	3500.01	open	19.49	20.60	1.291	-	-	-0.15	2.310	2.983
	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Top Side	0mm	Ant 2	DSI 6	633334	3500.01	open	19.48	20.60	1.294	-	-	0.06	2.260	2.925
	FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 2	DSI 6	633334	3500.01	open	22.42	23.60	1.312	50	1.000	-0.15	2.260	2.966
	FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 2	DSI 6 Simultaneous	633334	3500.01	open	21.92	23.00	1.282	50	1.000	0.09	2.000	2.565
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	11mm	Ant 2	DSI 4	633334	3500.01	open	23.87	24.00	1.030	-	-	0.01	0.254	0.262
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	13mm	Ant 2	DSI 4	633334	3500.01	open	23.87	24.00	1.030	-	-	0.01	0.355	0.366
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	17mm	Ant 2	DSI 4	633334	3500.01	open	23.87	24.00	1.030	-	-	-0.12	0.499	0.514
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 3	DSI 6	656000	3840	open	19.71	20.90	1.315	-	-	0.19	1.240	1.631
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 3	DSI 6	656000	3840	open	19.67	20.90	1.327	-	-	0.05	0.860	1.142
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 3	DSI 6	656000	3840	open	19.71	20.90	1.315	-	-	0.17	1.250	1.644
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 3	DSI 6	656000	3840	open	19.67	20.90	1.327	-	-	-0.09	0.990	1.314
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	656000	3840	open	19.71	20.90	1.315	-	-	0.08	1.520	1.999
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6 Simultaneous	656000	3840	open	19.25	20.50	1.334	-	-	0.08	1.440	1.920
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	656000	3840	open	19.67	20.90	1.327	-	-	0.17	1.330	1.765
	FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	656000	3840	open	22.62	23.90	1.343	50	1.000	0.02	1.490	2.001
	FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6 Simultaneous	656000	3840	open	22.14	23.50	1.368	50	1.000	0.02	1.380	1.887
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	11mm	Ant 3	DSI 4	656000	3840	open	23.17	24.00	1.211	-	-	-0.19	0.662	0.801
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	9mm	Ant 3	DSI 4	656000	3840	open	23.17	24.00	1.211	-	-	-0.14	0.798	0.966
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	14mm	Ant 3	DSI 4	656000	3840	open	23.17	24.00	1.211	-	-	-0.14	0.700	0.847
	FR1 n77_Part27Q_PC2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	14mm	Ant 3	DSI 4	656000	3840	open	25.98	27.00	1.265	50	1.000	0.01	0.711	0.899
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	633334	3500.01	open	20.06	20.90	1.213	-	-	0.03	2.280	2.767
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	633334	3500.01	open	19.96	20.90	1.242	-	-	0.09	2.280	2.831
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6 Simultaneous	633334	3500.01	open	19.50	20.50	1.259	-	-	0.16	2.000	2.518
	FR1 n77_Part27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	633334	3500.01	open	19.98	20.90	1.236	-	-	0.06	2.010	2.484
	FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	633334	3500.01	open	23.14	23.90	1.191	50	1.000	0.08	2.260	2.692
	FR1 n77_Part27Q_PC2	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6 Simultaneous	633334	3500.01	open	22.60	23.50	1.230	50	1.000	0.08	1.900	2.338
	FR1 n77_Part27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	14mm	Ant 3	DSI 4	633334	3500.01	open	23.29	24.00	1.178	-	-	-0.03	0.432	0.509
	FR1 n77_Part27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	14mm	Ant 3	DSI 4	633334	3500.01	open	23.22	24.00	1.197	-	-	-0.03	0.451	0.540

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	EUT Flip State	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)	
WIFI																		
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 5+4	Full Power	11	2462	Open	24.56	26.00	1.393	100	1.000	-0.02	1.710	2.382	
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 5+4	Full Power	6	2437	Open	24.48	26.00	1.419	100	1.000	0.03	1.520	2.157	
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 5+4	Full Power	1	2412	Open	24.22	26.00	1.507	100	1.000	-0.03	1.470	2.215	
	WLAN2.4GHz	802.11b 1Mbps	Left Side	0mm	Ant 5+4	Full Power	11	2462	Open	24.56	26.00	1.393	100	1.000	0.05	1.400	1.950	
121	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 5+4	Full Power	11	2462	Open	24.56	26.00	1.393	100	1.000	-0.01	2.500	3.483	
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 5+4	DBS Only	11	2462	Open	21.70	23.00	1.348	100	1.000	0.09	1.250	1.685	
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 5+4	DBS Only	11	2462	Open	21.70	23.00	1.348	100	1.000	0.07	0.855	1.152	
	WLAN2.4GHz	802.11b 1Mbps	Left Side	0mm	Ant 5+4	DBS Only	11	2462	Open	21.70	23.00	1.348	100	1.000	0.06	0.700	0.943	
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 5+4	WWAN +non DBS	11	2462	Open	18.21	19.50	1.345	100	1.000	-0.06	0.567	0.763	
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 5+4	WWAN +non DBS	11	2462	Open	18.21	19.50	1.345	100	1.000	-0.06	0.388	0.522	
	WLAN2.4GHz	802.11b 1Mbps	Left Side	0mm	Ant 5+4	WWAN +non DBS	11	2462	Open	18.21	19.50	1.345	100	1.000	0.11	0.318	0.428	
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 5+4	WWAN +DBS	11	2462	Open	15.22	16.50	1.343	100	1.000	0.08	0.271	0.364	
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 5+4	WWAN +DBS	11	2462	Open	15.22	16.50	1.343	100	1.000	-0.08	0.185	0.248	
	WLAN2.4GHz	802.11b 1Mbps	Left Side	0mm	Ant 5+4	WWAN +DBS	11	2462	Open	15.22	16.50	1.343	100	1.000	-0.02	0.152	0.204	
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 5+4	Full Power	6	2437	Open	24.48	26.00	1.419	100	1.000	-0.03	2.350	3.335	
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 5+4	Full Power	1	2412	Open	24.22	26.00	1.507	100	1.000	0.05	2.110	3.179	
	WLAN2.4GHz	802.11g 6Mbps	Right Side	0mm	Ant 5+4	Full Power	11	2462	Open	22.63	24.00	1.371	98.97	1.010	0.03	1.670	2.312	
	WLAN2.4GHz	802.11g 6Mbps	Right Side	0mm	Ant 5+4	Full Power	6	2437	Open	22.57	24.00	1.390	98.97	1.010	0.03	1.620	2.274	
	WLAN2.4GHz	802.11g 6Mbps	Right Side	0mm	Ant 5+4	Full Power	1	2412	Open	22.57	24.00	1.390	98.97	1.010	0.06	1.620	2.274	
	WLAN2.4GHz	802.11b 1Mbps	Front	12mm	Ant 5+4	Full Power	11	2462	Open	24.56	26.00	1.393	100	1.000	-0.08	0.365	0.509	
	WLAN2.4GHz	802.11b 1Mbps	Left Side	17mm	Ant 5+4	Full Power	11	2462	Open	24.56	26.00	1.393	100	1.000	0.03	0.188	0.262	
	WLAN2.4GHz	802.11b 1Mbps	Right Side	13mm	Ant 5+4	Full Power	11	2462	Open	24.56	26.00	1.393	100	1.000	-0.13	0.264	0.368	
	WLAN5.2GHz	802.11a 6Mbps	Front	0mm	Ant 5+4	Full Power	48	5240	Open	22.07	23.50	1.390	99.32	1.007	0.13	0.654	0.915	
	WLAN5.2GHz	802.11a 6Mbps	Back	0mm	Ant 5+4	Full Power	48	5240	Open	22.07	23.50	1.390	99.32	1.007	0.04	0.415	0.581	
122	WLAN5.2GHz	802.11a 6Mbps	Left Side	0mm	Ant 5+4	Full Power	48	5240	Open	22.07	23.50	1.390	99.32	1.007	-0.02	0.913	1.278	
	WLAN5.2GHz	802.11n-HT40 MCS0	Left Side	0mm	Ant 5+4	WWAN +non DBS	46	5230	Open	19.23	21.00	1.503	100	1.000	-0.18	0.513	0.771	
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 5+4	WWAN +DBS	42	5210	Open	16.47	18.00	1.422	100	1.000	-0.13	0.257	0.366	
	WLAN5.2GHz	802.11a 6Mbps	Right Side	0mm	Ant 5+4	Full Power	48	5240	Open	22.07	23.50	1.390	99.32	1.007	-0.03	0.622	0.871	
	WLAN5.2GHz	802.11a 6Mbps	Top Side	0mm	Ant 5+4	Full Power	48	5240	Open	22.07	23.50	1.390	99.32	1.007	0.15	0.278	0.389	
	WLAN5.2GHz	802.11a 6Mbps	Left Side	17mm	Ant 5+4	Full Power	48	5240	Open	22.07	23.50	1.390	100	1.000	0.06	0.106	0.147	
	WLAN5.3GHz	802.11a 6Mbps	Front	0mm	Ant 5+4	Full Power	56	5280	Open	22.13	23.50	1.371	99.32	1.007	-0.15	0.775	1.070	
	WLAN5.3GHz	802.11a 6Mbps	Back	0mm	Ant 5+4	Full Power	56	5280	Open	22.13	23.50	1.371	99.32	1.007	0.09	0.463	0.639	
123	WLAN5.3GHz	802.11a 6Mbps	Left Side	0mm	Ant 5+4	Full Power	56	5280	Open	22.13	23.50	1.371	99.32	1.007	-0.03	1.040	1.436	
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 5+4	WWAN +non DBS	58	5290	Open	18.80	20.50	1.479	100	1.000	-0.04	0.465	0.688	
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 5+4	WWAN +non DBS	58	5290	Open	18.80	20.50	1.479	100	1.000	0.03	0.347	0.513	
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 5+4	WWAN +non DBS	58	5290	Open	18.80	20.50	1.479	100	1.000	0.03	0.207	0.306	
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5+4	WWAN +non DBS	58	5290	Open	18.80	20.50	1.479	100	1.000	0.06	0.338	0.500	
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 5+4	WWAN +non DBS	58	5290	Open	18.80	20.50	1.479	100	1.000	0.03	0.139	0.206	
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 5+4	WWAN +DBS	58	5290	Open	15.75	17.50	1.496	100	1.000	0.08	0.233	0.349	
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 5+4	WWAN +DBS	58	5290	Open	15.75	17.50	1.496	100	1.000	0.06	0.174	0.260	
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 5+4	WWAN +DBS	58	5290	Open	15.75	17.50	1.496	100	1.000	-0.18	0.104	0.156	
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5+4	WWAN +DBS	58	5290	Open	15.75	17.50	1.496	100	1.000	0.03	0.169	0.253	
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 5+4	WWAN +DBS	58	5290	Open	15.75	17.50	1.496	100	1.000	0.06	0.070	0.105	
	WLAN5.3GHz	802.11a 6Mbps	Left Side	0mm	Ant 5+4	Full Power	52	5260	Open	22.13	23.50	1.371	99.32	1.007	0.01	0.956	1.320	
	WLAN5.3GHz	802.11a 6Mbps	Left Side	0mm	Ant 5+4	Full Power	60	5300	Open	21.94	23.50	1.432	99.32	1.007	0.06	0.947	1.366	
	WLAN5.3GHz	802.11a 6Mbps	Left Side	0mm	Ant 5+4	Full Power	64	5320	Open	21.93	23.50	1.435	99.32	1.007	-0.02	0.931	1.346	
	WLAN5.3GHz	802.11a 6Mbps	Right Side	0mm	Ant 5+4	Full Power	56	5280	Open	22.13	23.50	1.371	99.32	1.007	0.03	0.756	1.044	
	WLAN5.3GHz	802.11a 6Mbps	Top Side	0mm	Ant 5+4	Full Power	56	5280	Open	22.13	23.50	1.371	99.32	1.007	-0.01	0.311	0.429	
	WLAN5.3GHz	802.11a 6Mbps	Front	12mm	Ant 5+4	Full Power	56	5280	Open	22.13	23.50	1.371	99.32	1.007	-0.13	0.126	0.174	
	WLAN5.3GHz	802.11a 6Mbps	Back	9mm	Ant 5+4	Full Power	56	5280	Open	22.13	23.50	1.371	99.32	1.007	0.09	0.133	0.184	
	WLAN5.3GHz	802.11a 6Mbps	Left Side	17mm	Ant 5+4	Full Power	56	5280	Open	22.13	23.50	1.371	99.32	1.007	-0.15	0.159	0.219	



FCC SAR Test Report

Report No. : FA2D0913

	WLAN5.3GHz	802.11a 6Mbps	Right Side	13mm	Ant 5+4	Full Power	56	5280	Open	22.13	23.50	1.371	99.32	1.007	0.06	0.003	0.004
	WLAN5.5GHz	802.11a 6Mbps	Front	0mm	Ant 5+4	Full Power	140	5700	Open	21.54	23.00	1.400	99.32	1.007	0.03	0.846	1.192
	WLAN5.5GHz	802.11a 6Mbps	Back	0mm	Ant 5+4	Full Power	140	5700	Open	21.54	23.00	1.400	99.32	1.007	0.09	0.389	0.548
	WLAN5.5GHz	802.11a 6Mbps	Left Side	0mm	Ant 5+4	Full Power	140	5700	Open	21.54	23.00	1.400	99.32	1.007	0.05	0.339	0.478
124	WLAN5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 5+4	Full Power	140	5700	Open	21.54	23.00	1.400	99.32	1.007	-0.07	0.971	1.369
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5+4	WWAN +non DBS	138	5690	Open	19.38	20.50	1.293	100	1.000	0.08	0.607	0.785
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 5+4	WWAN +non DBS	138	5690	Open	19.38	20.50	1.293	100	1.000	0.06	0.529	0.684
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 5+4	WWAN +non DBS	138	5690	Open	19.38	20.50	1.293	100	1.000	0.03	0.243	0.314
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 5+4	WWAN +non DBS	138	5690	Open	19.38	20.50	1.293	100	1.000	-0.18	0.212	0.274
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 5+4	WWAN +non DBS	138	5690	Open	19.38	20.50	1.293	100	1.000	0.13	0.091	0.118
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5+4	WWAN +DBS	138	5690	Open	16.37	17.50	1.297	100	1.000	-0.18	0.301	0.390
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 5+4	WWAN +DBS	138	5690	Open	16.37	17.50	1.297	100	1.000	-0.01	0.262	0.340
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 5+4	WWAN +DBS	138	5690	Open	16.37	17.50	1.297	100	1.000	-0.16	0.121	0.157
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Side	0mm	Ant 5+4	WWAN +DBS	138	5690	Open	16.37	17.50	1.297	100	1.000	0.13	0.105	0.136
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 5+4	WWAN +DBS	138	5690	Open	16.37	17.50	1.297	100	1.000	0.08	0.045	0.058
	WLAN5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 5+4	Full Power	100	5500	Open	21.20	23.00	1.514	99.32	1.007	0.04	0.857	1.306
	WLAN5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 5+4	Full Power	116	5580	Open	21.47	23.00	1.422	99.32	1.007	-0.01	0.913	1.308
	WLAN5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 5+4	Full Power	124	5620	Open	21.38	23.00	1.452	99.32	1.007	0.08	0.925	1.353
	WLAN5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 5+4	Full Power	132	5660	Open	21.52	23.00	1.406	99.32	1.007	0.08	0.911	1.290
	WLAN5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 5+4	Full Power	144	5720	Open	21.48	23.00	1.419	99.32	1.007	0.08	0.905	1.293
	WLAN5.5GHz	802.11a 6Mbps	Top Side	0mm	Ant 5+4	Full Power	140	5700	Open	21.54	23.00	1.400	99.32	1.007	-0.01	0.146	0.206
	WLAN5.5GHz	802.11a 6Mbps	Front	12mm	Ant 5+4	Full Power	140	5700	Open	21.54	23.00	1.400	99.32	1.007	-0.12	0.211	0.297
	WLAN5.5GHz	802.11a 6Mbps	Back	9mm	Ant 5+4	Full Power	140	5700	Open	21.54	23.00	1.400	99.32	1.007	-0.18	0.116	0.163
	WLAN5.5GHz	802.11a 6Mbps	Left Side	17mm	Ant 5+4	Full Power	140	5700	Open	21.54	23.00	1.400	99.32	1.007	-0.12	0.047	0.066
	WLAN5.5GHz	802.11a 6Mbps	Right Side	13mm	Ant 5+4	Full Power	140	5700	Open	21.54	23.00	1.400	99.32	1.007	0.03	0.153	0.216



16.5 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)	EUT Flip State	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 13	10M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	23230	782	-	22.53	24.00	1.403	-	-	0.01	0.871	1	1.222
2nd	LTE Band 13	10M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	23230	782	-	22.53	24.00	1.403	-	-	-0.03	0.867	1.005	1.216
1st	LTE Band 66	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	132572	1770	-	21.37	22.00	1.156	-	-	0.12	1.000	1	1.156
2nd	LTE Band 66	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	132572	1770	-	21.37	22.00	1.156	-	-	0.05	0.986	1.014	1.140
1st	FR1 n77 Part270	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 2	DSI 2	656000	3840	-	16.28	17.20	1.236	-	-	0.14	1.000	1	1.236
2nd	FR1 n77 Part270	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 2	DSI 2	656000	3840	-	16.28	17.20	1.236	-	-	0.01	0.968	1.033	1.196
1st	WLAN 5.3GHz	-	-	-	-	802.11a 6Mbps	Left Cheek	0mm	Ant 5+4	Standalone	52	5260	-	22.13	23.50	1.371	99.32	1.007	-0.18	0.864	1	1.193
2nd	WLAN 5.3GHz	-	-	-	-	802.11a 6Mbps	Left Cheek	0mm	Ant 5+4	Standalone	52	5260	-	22.13	23.50	1.371	99.32	1.007	0.15	0.844	1.024	1.165
1st	WLAN 5.5GHz	-	-	-	-	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4	Standalone	138	5690	-	19.38	20.50	1.293	100	1.000	-0.17	0.922	1	1.192
2nd	WLAN 5.5GHz	-	-	-	-	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4	Standalone	138	5690	-	19.38	20.50	1.293	100	1.000	0.12	0.914	1.009	1.182
1st	WLAN 5.8GHz	-	-	-	-	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4	Standalone	155	5775	-	19.54	21.00	1.400	100	1.000	-0.09	0.822	1	1.150
2nd	WLAN 5.8GHz	-	-	-	-	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4	Standalone	155	5775	-	19.54	21.00	1.400	100	1.000	0.11	0.807	1.019	1.129
1st	FR1 n77_Part270	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI 3	633334	3500.01	open	23.45	24.00	1.135	-	-	-0.01	1.000	1	1.135
2nd	FR1 n77_Part270	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 1	DSI 3	633334	3500.01	open	23.45	24.00	1.135	-	-	0.04	0.986	1.014	1.119
1st	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 3	166300	831.5	open	23.49	24.00	1.125	-	-	-0.07	0.803	1	0.903
2nd	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 3	166300	831.5	open	23.49	24.00	1.125	-	-	-0.06	0.723	1.111	0.813
1st	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	DSI 3	9400	1880	open	21.59	22.60	1.262	-	-	-0.08	0.993	1	1.253
2nd	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	DSI 3	9400	1880	open	21.59	22.60	1.262	-	-	0.06	0.952	1.043	1.201
1st	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 5	462000	2310	close	21.15	22.10	1.245	-	-	0.02	1.000	1	1.245
2nd	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 5	462000	2310	close	21.15	22.10	1.245	-	-	0.03	0.986	1.014	1.227
1st	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	DSI 5	507000	2535	close	23.61	24.00	1.094	-	-	0.1	1.000	1	1.094
2nd	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	DSI 5	507000	2535	close	23.61	24.00	1.094	-	-	0.08	0.879	1.138	0.962
1st	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3	DSI 5	641666	3624.99	close	19.11	20.20	1.285	-	-	-0.07	0.965	1	1.240
2nd	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3	DSI 5	641666	3624.99	close	19.11	20.20	1.285	-	-	0.04	0.954	1.012	1.226
1st	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Front	5mm	Ant 5+4	Standalone	11	2462	Open	23.23	24.50	1.338	100	1.000	-0.16	1.020	1	1.365
2nd	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Front	5mm	Ant 5+4	Standalone	11	2462	Open	23.23	24.50	1.338	100	1.000	0.08	1.000	1.020	1.338



<10g>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	EUT Flip State	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)	Ratio	Reported 10g SAR (W/kg)
1st	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	132072	1720	open	22.72	24.00	1.343	-	-	-0.05	2.210	1	2.968
2nd	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	132072	1720	open	22.72	24.00	1.343	-	-	0.06	2.140	1.033	2.874
1st	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 2	DSI 6	9538	1907.6	open	21.49	22.90	1.384	-	-	-0.16	2.180	1	3.016
2nd	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 2	DSI 6	9538	1907.6	open	21.49	22.90	1.384	-	-	0.09	2.110	1.033	2.919
1st	LTE Band 30	10M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 6	27710	2310	open	20.58	21.50	1.236	-	-	0.01	2.500	1	3.090
2nd	LTE Band 30	10M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 6	27710	2310	open	20.58	21.50	1.236	-	-	0.14	2.370	1.055	2.929
1st	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 2	DSI 6	518598	2592.99	open	19.13	20.00	1.222	-	-	0.07	2.460	1	3.006
2nd	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 2	DSI 6	518598	2592.99	open	19.13	20.00	1.222	-	-	-0.08	2.330	1.056	2.847
1st	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	641666	3624.99	open	20.06	20.40	1.081	-	-	0.06	2.460	1	2.660
2nd	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	641666	3624.99	open	20.06	20.40	1.081	-	-	0.15	2.370	1.038	2.563
1st	FR1 n77_Part270	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 2	DSI 6	656000	3840	open	19.22	20.60	1.374	-	-	0.03	2.110	1	2.899
2nd	FR1 n77_Part270	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 2	DSI 6	656000	3840	open	19.22	20.60	1.374	-	-	-0.16	2.000	1.055	2.748
1st	FR1 n77_Part270	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 2	DSI 6	633334	3500.01	open	19.51	20.60	1.285	-	-	0.04	2.420	1	3.110
2nd	FR1 n77_Part270	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 2	DSI 6	633334	3500.01	open	19.51	20.60	1.285	-	-	0.04	2.220	1.090	2.853
1st	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Right Side	0mm	Ant 5+4	Full Power	11	2462	Open	24.56	26.00	1.393	-	-	-0.01	2.500	1	3.483
2nd	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Right Side	0mm	Ant 5+4	Full Power	11	2462	Open	24.56	26.00	1.393	-	-	-0.01	2.360	1.059	3.288

General Note:

1. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is $\geq 0.8W/kg$.
2. Per KDB 865664 D01v01r04, if the ratio among the repeated measurement is ≤ 1.2 and the measured SAR $< 1.45W/kg$, 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.



16.6 TDD LTE and NR Linearity Data Analysis

General Note:

This device support Power Class 2 and Power Class 3 operations for LTE Band 41/5G NR n41/n77. The highest available duty cycle for Power Class 2 operation is 43.3% using UL-DL configuration 1. Per FCC Guidance based on the device behavior, all SAR tests were performed using Power Class 3. Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each LTE configuration and exposure condition combination, according to the highest time averaged power for all applicable uplink-downlink configurations in Power Class 2. When the reported SAR vs. output power is linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg for 1g and < 3.5 W/kg for 10g, Separate SAR testing for Power Class 2 is not required.

LTE Band 41(HPUE) Ant 0-Linearity Data for Head			LTE Band 41(HPUE) Ant 1-Linearity Data for Head		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	26.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.078	0.078	Reported 1g SAR (W/kg)	0.049	0.068
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	172.38	Frame Averaged (mW)	159.00	217.01
Linearity SAR (W/kg)	0.085		Linearity SAR (W/kg)	0.067	
% deviation from expected linearity		-7.76%	% deviation from expected linearity		1.68%
LTE Band 41(HPUE) Ant 0-Linearity Data for Body-worn-Open			LTE Band 41(HPUE) Ant 1-Linearity Data for Body-worn-Open		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	23.00	24.60	Maximum Tune up Power (dBm)	22.00	23.60
Reported 1g SAR (W/kg)	1.182	1.238	Reported 1g SAR (W/kg)	1.259	1.122
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	126.30	124.88	Frame Averaged (mW)	100.32	99.19
Linearity SAR (W/kg)	1.169		Linearity SAR (W/kg)	1.245	
% deviation from expected linearity		5.93%	% deviation from expected linearity		-9.87%
LTE Band 41(HPUE) Ant 0-Linearity Data for Body-worn-Close			LTE Band 41(HPUE) Ant 1-Linearity Data for Body-worn-Close		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	23.50	25.10	Maximum Tune up Power (dBm)	23.50	25.10
Reported 1g SAR (W/kg)	1.255	1.130	Reported 1g SAR (W/kg)	1.205	1.257
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	141.71	140.12	Frame Averaged (mW)	141.71	140.12
Linearity SAR (W/kg)	1.241		Linearity SAR (W/kg)	1.191	
% deviation from expected linearity		-8.94%	% deviation from expected linearity		5.50%
LTE Band 41(HPUE) Ant 0-Linearity Data for Hotspot-Open			LTE Band 41(HPUE) Ant 1-Linearity Data for Hotspot-Open		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	20.60	22.20	Maximum Tune up Power (dBm)	21.20	22.80
Reported 1g SAR (W/kg)	1.196	1.240	Reported 1g SAR (W/kg)	1.251	1.123
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	72.68	71.86	Frame Averaged (mW)	83.45	82.51
Linearity SAR (W/kg)	1.183		Linearity SAR (W/kg)	1.237	
% deviation from expected linearity		4.86%	% deviation from expected linearity		-9.21%
LTE Band 41(HPUE) Ant 0-Linearity Data for Hotspot-Close			LTE Band 41(HPUE) Ant 1-Linearity Data for Hotspot-Close		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	22.20	23.80	Maximum Tune up Power (dBm)	21.90	23.50
Reported 1g SAR (W/kg)	0.942	0.979	Reported 1g SAR (W/kg)	0.985	0.894
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	105.05	103.87	Frame Averaged (mW)	98.04	96.94
Linearity SAR (W/kg)	0.931		Linearity SAR (W/kg)	0.974	
% deviation from expected linearity		5.11%	% deviation from expected linearity		-8.21%
LTE Band 41(HPUE) Ant 0-Linearity Data for Extremity SAR-Open			LTE Band 41(HPUE) Ant 1-Linearity Data for Extremity SAR-Open		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	26.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 10g SAR (W/kg)	2.585	2.523	Reported 10g SAR (W/kg)	1.652	2.429
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%



Frame Averaged (mW)	159.00	172.38	Frame Averaged (mW)	159.00	217.01
Linearity SAR (W/kg)	2.802		Linearity SAR (W/kg)	2.255	
% deviation from expected linearity		-9.97%	% deviation from expected linearity		7.73%

LTE Band 41(HPUE) Ant 2-Linearity Data for Head			LTE Band 41(HPUE) Ant 3-Linearity Data for Head		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	19.20	20.80	Maximum Tune up Power (dBm)	21.10	22.70
Reported 1g SAR (W/kg)	1.256	1.173	Reported 1g SAR (W/kg)	1.256	1.254
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	52.65	52.06	Frame Averaged (mW)	81.55	80.63
Linearity SAR (W/kg)	1.242		Linearity SAR (W/kg)	1.242	
% deviation from expected linearity		-5.55%	% deviation from expected linearity		0.98%
LTE Band 41(HPUE) Ant 2-Linearity Data for Body-worn-Open			LTE Band 41(HPUE) Ant 3-Linearity Data for Body-worn-Open		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	18.20	19.80	Maximum Tune up Power (dBm)	22.20	23.80
Reported 1g SAR (W/kg)	1.139	1.160	Reported 1g SAR (W/kg)	1.255	1.247
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	41.82	41.35	Frame Averaged (mW)	105.05	103.87
Linearity SAR (W/kg)	1.126		Linearity SAR (W/kg)	1.241	
% deviation from expected linearity		3.00%	% deviation from expected linearity		0.49%
LTE Band 41(HPUE) Ant 2-Linearity Data for Body-worn-Close			LTE Band 41(HPUE) Ant 3-Linearity Data for Body-worn-Close		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	23.40	25.00	Maximum Tune up Power (dBm)	24.00	26.50
Reported 1g SAR (W/kg)	1.252	1.248	Reported 1g SAR (W/kg)	0.867	1.021
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	138.49	136.93	Frame Averaged (mW)	159.00	193.41
Linearity SAR (W/kg)	1.238		Linearity SAR (W/kg)	1.055	
% deviation from expected linearity		0.82%	% deviation from expected linearity		-3.19%
LTE Band 41(HPUE) Ant 2-Linearity Data for Hotspot-Open			LTE Band 41(HPUE) Ant 3-Linearity Data for Hotspot-Open		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	17.60	19.20	Maximum Tune up Power (dBm)	20.60	22.20
Reported 1g SAR (W/kg)	0.981	0.885	Reported 1g SAR (W/kg)	0.994	0.982
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	36.43	36.02	Frame Averaged (mW)	72.68	71.86
Linearity SAR (W/kg)	0.970		Linearity SAR (W/kg)	0.983	
% deviation from expected linearity		-8.76%	% deviation from expected linearity		-0.08%
LTE Band 41(HPUE) Ant 2-Linearity Data for Hotspot-Close			LTE Band 41(HPUE) Ant 3-Linearity Data for Hotspot-Close		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	19.90	21.50	Maximum Tune up Power (dBm)	23.00	24.60
Reported 1g SAR (W/kg)	0.975	1.017	Reported 1g SAR (W/kg)	0.975	0.978
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	61.86	61.16	Frame Averaged (mW)	126.30	124.88
Linearity SAR (W/kg)	0.964		Linearity SAR (W/kg)	0.964	
% deviation from expected linearity		5.50%	% deviation from expected linearity		1.45%
LTE Band 41(HPUE) Ant 2-Linearity Data for Extremity SAR-Open			LTE Band 41(HPUE) Ant 3-Linearity Data for Extremity SAR-Open		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	22.40	24.00	Maximum Tune up Power (dBm)	23.70	25.30
Reported 10g SAR (W/kg)	3.039	2.719	Reported 10g SAR (W/kg)	3.097	3.125
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	110.00	108.76	Frame Averaged (mW)	148.39	146.72
Linearity SAR (W/kg)	3.005		Linearity SAR (W/kg)	3.062	
% deviation from expected linearity		-9.51%	% deviation from expected linearity		2.05%



FR1 N41(HPUE) Ant 0-Linearity Data for Head			FR1 N41(HPUE) Ant 1-Linearity Data for Head		
	FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)		FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)
Maximum Tune up Power (dBm)	23.00	26.00	Maximum Tune up Power (dBm)	23.00	26.00
Reported 1g SAR (W/kg)	0.076	0.072	Reported 1g SAR (W/kg)	0.059	0.054
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	199.53	199.05	Frame Averaged (mW)	199.53	199.05
Linearity SAR (W/kg)	0.076		Linearity SAR (W/kg)	0.059	
% deviation from expected linearity		-5.04%	% deviation from expected linearity		-8.26%
FR1 N41(HPUE) Ant 0-Linearity Data for Body-worn-Open			FR1 N41(HPUE) Ant 1-Linearity Data for Body-worn-Open		
	FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)		FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)
Maximum Tune up Power (dBm)	21.10	24.10	Maximum Tune up Power (dBm)	21.00	24.00
Reported 1g SAR (W/kg)	1.248	1.246	Reported 1g SAR (W/kg)	1.233	1.189
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	128.82	128.52	Frame Averaged (mW)	125.89	125.59
Linearity SAR (W/kg)	1.245		Linearity SAR (W/kg)	1.230	
% deviation from expected linearity		0.08%	% deviation from expected linearity		-3.34%
FR1 N41(HPUE) Ant 0-Linearity Data for Body-worn-Close			FR1 N41(HPUE) Ant 1-Linearity Data for Body-worn-Close		
	FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)		FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)
Maximum Tune up Power (dBm)	21.30	24.30	Maximum Tune up Power (dBm)	22.70	25.70
Reported 1g SAR (W/kg)	1.249	1.247	Reported 1g SAR (W/kg)	1.251	1.186
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	134.90	134.58	Frame Averaged (mW)	186.21	185.77
Linearity SAR (W/kg)	1.246		Linearity SAR (W/kg)	1.248	
% deviation from expected linearity		0.08%	% deviation from expected linearity		-4.97%
FR1 N41(HPUE) Ant 0-Linearity Data for Hotspot-Open			FR1 N41(HPUE) Ant 1-Linearity Data for Hotspot-Open		
	FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)		FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)
Maximum Tune up Power (dBm)	19.90	22.90	Maximum Tune up Power (dBm)	20.20	23.20
Reported 1g SAR (W/kg)	1.227	1.233	Reported 1g SAR (W/kg)	1.231	1.140
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	97.72	97.49	Frame Averaged (mW)	104.71	104.46
Linearity SAR (W/kg)	1.224		Linearity SAR (W/kg)	1.228	
% deviation from expected linearity		0.73%	% deviation from expected linearity		-7.17%
FR1 N41(HPUE) Ant 0-Linearity Data for Hotspot-Close			FR1 N41(HPUE) Ant 1-Linearity Data for Hotspot-Close		
	FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)		FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)
Maximum Tune up Power (dBm)	19.20	22.20	Maximum Tune up Power (dBm)	20.60	23.60
Reported 1g SAR (W/kg)	0.880	0.959	Reported 1g SAR (W/kg)	0.972	0.902
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	83.18	82.98	Frame Averaged (mW)	114.82	114.54
Linearity SAR (W/kg)	0.878		Linearity SAR (W/kg)	0.970	
% deviation from expected linearity		9.24%	% deviation from expected linearity		-6.98%
FR1 N41(HPUE) Ant 0-Linearity Data for Extremity SAR-Open			FR1 N41(HPUE) Ant 1-Linearity Data for Extremity SAR-Open		
	FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)		FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)
Maximum Tune up Power (dBm)	22.30	25.30	Maximum Tune up Power (dBm)	22.00	25.50
Reported 10g SAR (W/kg)	3.075	2.941	Reported 10g SAR (W/kg)	2.687	2.754
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	169.82	169.42	Frame Averaged (mW)	158.49	177.41
Linearity SAR (W/kg)	3.068		Linearity SAR (W/kg)	3.008	
% deviation from expected linearity		-4.13%	% deviation from expected linearity		-8.44%



FR1 N41(HPUE) Ant 2-Linearity Data for Head			FR1 N41(HPUE) Ant 3-Linearity Data for Head		
	FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)		FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)
Maximum Tune up Power (dBm)	14.90	17.90	Maximum Tune up Power (dBm)	18.40	21.40
Reported 1g SAR (W/kg)	1.131	1.228	Reported 1g SAR (W/kg)	1.230	1.196
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	30.90	30.83	Frame Averaged (mW)	69.18	69.02
Linearity SAR (W/kg)	1.128		Linearity SAR (W/kg)	1.227	
% deviation from expected linearity		8.83%	% deviation from expected linearity		-2.53%
FR1 N41(HPUE) Ant 2-Linearity Data for Body-worn-Open			FR1 N41(HPUE) Ant 3-Linearity Data for Body-worn-Open		
	FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)		FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)
Maximum Tune up Power (dBm)	16.90	19.90	Maximum Tune up Power (dBm)	22.70	25.70
Reported 1g SAR (W/kg)	1.158	1.237	Reported 1g SAR (W/kg)	1.249	1.241
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	48.98	48.86	Frame Averaged (mW)	186.21	185.77
Linearity SAR (W/kg)	1.155		Linearity SAR (W/kg)	1.246	
% deviation from expected linearity		7.08%	% deviation from expected linearity		-0.40%
FR1 N41(HPUE) Ant 2-Linearity Data for Body-worn-Close			FR1 N41(HPUE) Ant 3-Linearity Data for Body-worn-Close		
	FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)		FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)
Maximum Tune up Power (dBm)	18.30	21.30	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	1.152	1.236	Reported 1g SAR (W/kg)	1.155	1.166
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	67.61	67.45	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	1.149		Linearity SAR (W/kg)	1.152	
% deviation from expected linearity		7.55%	% deviation from expected linearity		1.19%
FR1 N41(HPUE) Ant 2-Linearity Data for Hotspot-Open			FR1 N41(HPUE) Ant 3-Linearity Data for Hotspot-Open		
	FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)		FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)
Maximum Tune up Power (dBm)	14.70	17.70	Maximum Tune up Power (dBm)	22.20	25.20
Reported 1g SAR (W/kg)	0.952	0.992	Reported 1g SAR (W/kg)	0.990	0.989
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	29.51	29.44	Frame Averaged (mW)	165.96	165.57
Linearity SAR (W/kg)	0.950		Linearity SAR (W/kg)	0.988	
% deviation from expected linearity		4.45%	% deviation from expected linearity		0.14%
FR1 N41(HPUE) Ant 2-Linearity Data for Hotspot-Close			FR1 N41(HPUE) Ant 3-Linearity Data for Hotspot-Close		
	FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)		FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)
Maximum Tune up Power (dBm)	15.50	18.50	Maximum Tune up Power (dBm)	23.00	26.00
Reported 1g SAR (W/kg)	0.905	0.977	Reported 1g SAR (W/kg)	0.974	1.017
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	35.48	35.40	Frame Averaged (mW)	199.53	199.05
Linearity SAR (W/kg)	0.903		Linearity SAR (W/kg)	0.972	
% deviation from expected linearity		8.21%	% deviation from expected linearity		4.66%
FR1 N41(HPUE) Ant 2-Linearity Data for Extremity SAR-Open			FR1 N41(HPUE) Ant 3-Linearity Data for Extremity SAR-Open		
	FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)		FR1 N41 (Power Class 3)	FR1 N41 (Power Class 2)
Maximum Tune up Power (dBm)	20.00	23.00	Maximum Tune up Power (dBm)	23.10	26.10
Reported 10g SAR (W/kg)	3.006	3.106	Reported 10g SAR (W/kg)	3.135	3.136
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	100.00	99.76	Frame Averaged (mW)	204.17	203.69
Linearity SAR (W/kg)	2.999		Linearity SAR (W/kg)	3.128	
% deviation from expected linearity		3.57%	% deviation from expected linearity		0.27%
FR1 N770(HPUE) Ant 0-Linearity Data for Head			FR1 N770(HPUE) Ant 1-Linearity Data for Head		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00



Reported 1g SAR (W/kg)	0.045	0.043	Reported 1g SAR (W/kg)	0.045	0.044
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.045		Linearity SAR (W/kg)	0.045	
% deviation from expected linearity		-4.22%	% deviation from expected linearity		-1.99%
FR1 N77Q(HPUE) Ant 0-Linearity Data for Head			FR1 N77Q(HPUE) Ant 1-Linearity Data for Head		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.040	0.039	Reported 1g SAR (W/kg)	0.037	0.035
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.040		Linearity SAR (W/kg)	0.037	
% deviation from expected linearity		-2.27%	% deviation from expected linearity		-5.18%
FR1 N77O(HPUE) Ant 0-Linearity Data for Body-worn-Open			FR1 N77O(HPUE) Ant 1-Linearity Data for Body-worn-Open		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.449	0.442	Reported 1g SAR (W/kg)	0.604	0.544
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.448		Linearity SAR (W/kg)	0.603	
% deviation from expected linearity		-1.33%	% deviation from expected linearity		-9.72%
FR1 N77Q(HPUE) Ant 0-Linearity Data for Body-worn-Open			FR1 N77Q(HPUE) Ant 1-Linearity Data for Body-worn-Open		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.669	0.639	Reported 1g SAR (W/kg)	0.635	0.681
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.667		Linearity SAR (W/kg)	0.633	
% deviation from expected linearity		-4.26%	% deviation from expected linearity		7.50%
FR1 N77O(HPUE) Ant 0-Linearity Data for Body-worn-Close			FR1 N77O(HPUE) Ant 1-Linearity Data for Body-worn-Close		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.653	0.689	Reported 1g SAR (W/kg)	0.791	0.837
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.651		Linearity SAR (W/kg)	0.789	
% deviation from expected linearity		5.76%	% deviation from expected linearity		6.07%
FR1 N77Q(HPUE) Ant 0-Linearity Data for Body-worn-Close			FR1 N77Q(HPUE) Ant 1-Linearity Data for Body-worn-Close		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.838	0.775	Reported 1g SAR (W/kg)	1.062	0.990
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.836		Linearity SAR (W/kg)	1.059	
% deviation from expected linearity		-7.30%	% deviation from expected linearity		-6.56%
FR1 N77O(HPUE) Ant 0-Linearity Data for Hotspot-Open			FR1 N77O(HPUE) Ant 1-Linearity Data for Hotspot-Open		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.707	0.641	Reported 1g SAR (W/kg)	1.075	1.144
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.705		Linearity SAR (W/kg)	1.072	
% deviation from expected linearity		-9.12%	% deviation from expected linearity		6.67%
FR1 N77Q(HPUE) Ant 0-Linearity Data for Hotspot-Open			FR1 N77Q(HPUE) Ant 1-Linearity Data for Hotspot-Open		



	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.905	0.839	Reported 1g SAR (W/kg)	1.135	1.028
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.903		Linearity SAR (W/kg)	1.132	
% deviation from expected linearity		-7.07%	% deviation from expected linearity		-9.21%
FR1 N77Q(HPUE) Ant 0-Linearity Data for Hotspot-Close			FR1 N77Q(HPUE) Ant 1-Linearity Data for Hotspot-Close		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	23.20	26.20
Reported 1g SAR (W/kg)	0.653	0.689	Reported 1g SAR (W/kg)	0.986	0.897
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	208.93	208.43
Linearity SAR (W/kg)	0.651		Linearity SAR (W/kg)	0.984	
% deviation from expected linearity		5.76%	% deviation from expected linearity		-8.81%
FR1 N77Q(HPUE) Ant 0-Linearity Data for Hotspot-Close			FR1 N77Q(HPUE) Ant 1-Linearity Data for Hotspot-Close		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	23.20	26.20
Reported 1g SAR (W/kg)	0.838	0.775	Reported 1g SAR (W/kg)	0.864	0.911
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	208.93	208.43
Linearity SAR (W/kg)	0.836		Linearity SAR (W/kg)	0.862	
% deviation from expected linearity		-7.30%	% deviation from expected linearity		5.69%

FR1 N77Q(HPUE) Ant 2-Linearity Data for Head			FR1 N77Q(HPUE) Ant 3-Linearity Data for Head		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	17.20	20.20	Maximum Tune up Power (dBm)	16.80	19.80
Reported 1g SAR (W/kg)	1.236	1.157	Reported 1g SAR (W/kg)	1.055	1.111
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	52.48	52.36	Frame Averaged (mW)	47.86	47.75
Linearity SAR (W/kg)	1.233		Linearity SAR (W/kg)	1.053	
% deviation from expected linearity		-6.17%	% deviation from expected linearity		5.56%
FR1 N77Q(HPUE) Ant 2-Linearity Data for Head			FR1 N77Q(HPUE) Ant 3-Linearity Data for Head		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	17.20	20.20	Maximum Tune up Power (dBm)	16.80	19.80
Reported 1g SAR (W/kg)	1.038	1.097	Reported 1g SAR (W/kg)	0.491	0.520
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	52.48	52.36	Frame Averaged (mW)	47.86	47.75
Linearity SAR (W/kg)	1.036		Linearity SAR (W/kg)	0.490	
% deviation from expected linearity		5.93%	% deviation from expected linearity		6.16%
FR1 N77Q(HPUE) Ant 2-Linearity Data for Body-worn-Open			FR1 N77Q(HPUE) Ant 3-Linearity Data for Body-worn-Open		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	20.60	23.60	Maximum Tune up Power (dBm)	20.90	23.90
Reported 1g SAR (W/kg)	1.338	1.335	Reported 1g SAR (W/kg)	1.297	1.300
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	114.82	114.54	Frame Averaged (mW)	123.03	122.74
Linearity SAR (W/kg)	1.335		Linearity SAR (W/kg)	1.294	
% deviation from expected linearity		0.01%	% deviation from expected linearity		0.47%
FR1 N77Q(HPUE) Ant 2-Linearity Data for Body-worn-Open			FR1 N77Q(HPUE) Ant 3-Linearity Data for Body-worn-Open		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	20.60	23.60	Maximum Tune up Power (dBm)	20.90	23.90
Reported 1g SAR (W/kg)	1.291	1.330	Reported 1g SAR (W/kg)	0.840	0.868



Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	114.82	114.54	Frame Averaged (mW)	123.03	122.74
Linearity SAR (W/kg)	1.288		Linearity SAR (W/kg)	0.838	
% deviation from expected linearity		3.27%	% deviation from expected linearity		3.58%
FR1 N77O(HPUE) Ant 2-Linearity Data for Body-worn-Close			FR1 N77O(HPUE) Ant 3-Linearity Data for Body-worn-Close		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	21.40	24.40	Maximum Tune up Power (dBm)	20.00	23.00
Reported 1g SAR (W/kg)	1.220	1.239	Reported 1g SAR (W/kg)	1.235	1.173
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	138.04	137.71	Frame Averaged (mW)	100.00	99.76
Linearity SAR (W/kg)	1.217		Linearity SAR (W/kg)	1.232	
% deviation from expected linearity		1.80%	% deviation from expected linearity		-4.79%
FR1 N77Q(HPUE) Ant 2-Linearity Data for Body-worn-Close			FR1 N77Q(HPUE) Ant 3-Linearity Data for Body-worn-Close		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	21.40	24.40	Maximum Tune up Power (dBm)	20.00	23.00
Reported 1g SAR (W/kg)	1.127	1.186	Reported 1g SAR (W/kg)	0.808	0.742
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	138.04	137.71	Frame Averaged (mW)	100.00	99.76
Linearity SAR (W/kg)	1.124		Linearity SAR (W/kg)	0.806	
% deviation from expected linearity		5.49%	% deviation from expected linearity		-7.95%
FR1 N77O(HPUE) Ant 2-Linearity Data for Hotspot-Open			FR1 N77O(HPUE) Ant 3-Linearity Data for Hotspot-Open		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	16.60	19.60	Maximum Tune up Power (dBm)	17.10	20.10
Reported 1g SAR (W/kg)	0.995	0.968	Reported 1g SAR (W/kg)	0.892	0.970
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	45.71	45.60	Frame Averaged (mW)	51.29	51.16
Linearity SAR (W/kg)	0.993		Linearity SAR (W/kg)	0.890	
% deviation from expected linearity		-2.48%	% deviation from expected linearity		9.00%
FR1 N77Q(HPUE) Ant 2-Linearity Data for Hotspot-Open			FR1 N77Q(HPUE) Ant 3-Linearity Data for Hotspot-Open		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	16.60	19.60	Maximum Tune up Power (dBm)	17.10	20.10
Reported 1g SAR (W/kg)	0.938	0.912	Reported 1g SAR (W/kg)	0.610	0.660
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	45.71	45.60	Frame Averaged (mW)	51.29	51.16
Linearity SAR (W/kg)	0.936		Linearity SAR (W/kg)	0.609	
% deviation from expected linearity		-2.54%	% deviation from expected linearity		8.45%
FR1 N77O(HPUE) Ant 2-Linearity Data for Hotspot-Close			FR1 N77O(HPUE) Ant 3-Linearity Data for Hotspot-Close		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	18.20	21.20	Maximum Tune up Power (dBm)	16.70	19.70
Reported 1g SAR (W/kg)	0.939	0.973	Reported 1g SAR (W/kg)	0.947	0.880
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	66.07	65.91	Frame Averaged (mW)	46.77	46.66
Linearity SAR (W/kg)	0.937		Linearity SAR (W/kg)	0.945	
% deviation from expected linearity		3.87%	% deviation from expected linearity		-6.85%
FR1 N77Q(HPUE) Ant 2-Linearity Data for Hotspot-Close			FR1 N77Q(HPUE) Ant 3-Linearity Data for Hotspot-Close		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	18.20	21.20	Maximum Tune up Power (dBm)	16.70	19.70
Reported 1g SAR (W/kg)	0.889	0.862	Reported 1g SAR (W/kg)	0.679	0.722
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	66.07	65.91	Frame Averaged (mW)	46.77	46.66
Linearity SAR (W/kg)	0.887		Linearity SAR (W/kg)	0.677	
% deviation from expected linearity		-2.81%	% deviation from expected linearity		6.59%
FR1 N77O(HPUE) Ant 2-Linearity Data for Extremity SAR-Open			FR1 N77O(HPUE) Ant 3-Linearity Data for Extremity SAR-Open		
	FR1 N77	FR1 N77		FR1 N77	FR1 N77



	(Power Class 3)	(Power Class 2)		(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	20.60	23.60	Maximum Tune up Power (dBm)	20.90	23.90
Reported 10g SAR (W/kg)	2.899	2.705	Reported 10g SAR (W/kg)	1.999	2.001
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	114.82	114.54	Frame Averaged (mW)	123.03	122.74
Linearity SAR (W/kg)	2.892		Linearity SAR (W/kg)	1.994	
% deviation from expected linearity		-6.47%	% deviation from expected linearity		0.34%
FR1 N77Q(HPUE) Ant 2-Linearity Data for Extremity SAR-Open			FR1 N77Q(HPUE) Ant 3-Linearity Data for Extremity SAR-Open		
	FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)		FR1 N77 (Power Class 3)	FR1 N77 (Power Class 2)
Maximum Tune up Power (dBm)	20.60	23.60	Maximum Tune up Power (dBm)	20.90	23.90
Reported 10g SAR (W/kg)	3.110	2.966	Reported 10g SAR (W/kg)	2.831	2.692
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	114.82	114.54	Frame Averaged (mW)	123.03	122.74
Linearity SAR (W/kg)	3.103		Linearity SAR (W/kg)	2.824	
% deviation from expected linearity		-4.40%	% deviation from expected linearity		-4.68%

17. 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 + WLAN6GHz	Yes	Yes	Yes	Yes
4.	WWAN + Bluetooth	Yes	Yes	Yes	Yes
5.	WLAN2.4GHz + WLAN5GHz	Yes	Yes	Yes	Yes
6.	WLAN2.4GHz + WLAN6GHz	Yes	Yes	Yes	Yes
7.	WLAN5GHz+ Bluetooth	Yes	Yes	Yes	Yes
8.	WLAN6GHz+ Bluetooth	Yes	Yes	Yes	Yes
9.	WWAN + WLAN2.4GHz + WLAN5GHz	Yes	Yes	Yes	Yes
10.	WWAN + WLAN2.4GHz + WLAN6GHz	Yes	Yes	Yes	Yes
11.	WWAN + WLAN5GHz+ Bluetooth	Yes	Yes	Yes	Yes
12.	WWAN + WLAN6GHz+ Bluetooth	Yes	Yes	Yes	Yes
13.	WWAN + WLAN2.4GHz+NFC				Yes
14.	WWAN + WLAN5GHz+NFC				Yes
15.	WWAN + WLAN6GHz+NFC				Yes
16.	WWAN + Bluetooth+NFC				Yes
17.	WLAN2.4GHz + WLAN5GHz+NFC				Yes
18.	WLAN2.4GHz + WLAN6GHz+NFC				Yes
19.	WLAN5GHz+ Bluetooth+NFC				Yes
20.	WLAN6GHz+ Bluetooth+NFC				Yes
21.	WWAN + WLAN2.4GHz + WLAN5GHz+NFC				Yes
22.	WWAN + WLAN2.4GHz + WLAN6GHz+NFC				Yes
23.	WWAN + WLAN5GHz+ Bluetooth+NFC				Yes
24.	WWAN + WLAN6GHz+ Bluetooth+NFC				Yes

General Note:

- This device supports VoIP in GPRS, EGPRS, WCDMA and LTE (e.g. for 3rd-party VoIP), LTE supports VoLTE operation.
- WWAN above includes 5G NR bands.
- The 2.4GHz/5GHz/6GHz WLAN can transmit in MIMO antenna mode only and it has no SISO antenna mode.
- 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 EN-DC mode, Qualcomm Smart Transmit algorithm in WWAN adds directly the time-averaged RF exposure from 4G(LTE) and time-averaged RF exposure from 5G NR. Smart Transmit algorithm controls the total RF exposure from both 4G and 5G NR to not exceed FCC limit. Therefore, simultaneous transmission compliance between 4G+5G NR operation is demonstrated in the Part 2 Report during algorithm validation. In Part 1 Report, simultaneous transmission compliance was evaluated individually with other Radios (WLAN or BT) using one of 4G or 5G NR.
- 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). WLAN 6GHz has no hotspot function.
- The worst case 5 GHz WLAN SAR for each configuration was used for SAR summation.
- According to the EUT characteristic, two Bluetooth antennas cannot transmit simultaneously with each other.
- WLAN 2.4GHz and Bluetooth share the same antenna, and they cannot transmit simultaneously each other.
- According to the EUT characteristic, WLAN 5GHz/6GHz and Bluetooth can transmit simultaneously.
- According to the EUT characteristic, WLAN 5GHz/6GHz and WLAN 2.4GHz can transmit simultaneously.
- According to the EUT characteristic, WLAN 5GHz and WLAN 6GHz can't transmit simultaneously.
- For standalone WWAN, always choose the highest SAR among the selected WWAN bands within the selected antenna for each exposure position to perform simultaneous transmission analysis with WLAN/BT. This is the worst co-located analysis and can represent each bands.
- For standalone WWAN, always choose the highest SAR among all WWAN bands within all antennas for body-worn distance SAR each exposure position to perform simultaneous transmission analysis with WLAN/BT.

This is the worst co-located analysis and can represent each bands.

16. The maximum SAR summation is calculated based on the same configuration and test position.
17. 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.
18. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
 - i) 1g Scalar SAR summation < 1.6W/kg and 10g Scalar SAR summation < 4.0W/kg.
 - ii) SPLSR = (SAR1 + SAR2)^{1.5} / (min. 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.
 - iii) If SPLSR ≤ 0.04 for 1g SAR and SPLSR ≤ 0.10 for 10g SAR , simultaneously transmission SAR measurement is not necessary.
 - iv) Simultaneously transmission SAR measurement, and the reported multi-band 1g SAR < 1.6W/kg and 10g SAR < 4.0W/kg.
 - v) The SPLSR calculated results please refer to section 17.6.
19. The WLAN6GHz Sim-Tx analysis guidance with other transmitters was based on SAR test results. The simultaneous transmission and test exemption analysis per KDB 447498 D01, and the device does not support FR2 or another MPE field measurement, therefore SAR report in section 17 has include TER analysis requirement according to KDB 987594.

17.1 5G NR + LTE + WLAN + BT Sim-Tx analysis

In 5G NR + LTE + WLAN + BT simultaneous transmission, 5G NR and LTE transmission are managed and controlled by Qualcomm® Smart Transmit, while the RF exposure from WLAN and BT radios is managed using legacy approach, i.e., through a fixed power back-off if needed.

Since WLAN and BT do not employ time-averaging, 1gSAR and 10gSAR measurement for WLAN and BT need to be conducted at their corresponding rated power following current FCC test procedures to determine reported SAR values.

Smart Transmit current implementation assumes hotspots from 5G NR and LTE are collocated. Therefore, for a total of 100% exposure margin, if LTE uses x%, then the exposure margin left for 5G NR is capped to (100-x)%. Thus, the compliance equation for LTE + 5G NR is

$$x\% * A + (100-x)\% * B \leq 1.0,$$

Where, A is normalized reported time-averaged SAR exposure ratio from LTE, and $A \leq 1.0$; B is normalized reported time-averaged exposure ratio from 5G NR (i.e. SAR exposure for 5G FR1), and $B \leq 1.0$.

Let C = normalized reported SAR exposure ratio from WLAN+BT, then for compliance,

$$x\% * A + (100-x)\% * B + C \leq 1.0 \quad (1)$$

$$x\% * A + (100-x)\% * B \leq x\% * \max(A, B) + (100-x)\% * \max(A, B) \leq \max(A, B)$$

$$x\% * A + (100-x)\% * B + C \leq \max(A, B) + C \leq 1.0 \quad (2)$$

If $A + C \leq 1.0$ and $B + C \leq 1.0$ can be proven, then “ $x\% * A + (100-x)\% * B + C \leq 1.0$ ”. Therefore simultaneous transmission analysis for 5G NR + LTE + WLAN + BT can be performed in two steps

Step 1: Prove total exposure ratio (TER) of LTE + WLAN + BT < 1

Step 2: Prove total exposure ratio (TER) of 5G NR + WLAN + BT < 1

Else, if $A + C > 1.0$ and/or $B + C > 1.0$, then the followings need to hold true for compliance:

- i. A and C are decoupled based on the SPLSR criteria, and
- ii. $(100-x)\% * B + C \leq 1.0$, and
- iii. $x\% * A + (100-x)\% * B \leq 1.0$

Note iii. is covered in Part 2 report; i. and ii. should be addressed in Part 2 report.

Above analysis is also apply to LTE inter-band uplink, LTE1 + LTE2 + WLAN + BT simultaneous transmission, So inter-band uplink CA no need to do additional simultaneously analysis again. Only required comply with total exposure ratio (TER) of LTE + WLAN + BT < 1.

Above analysis is also apply to NR band UL MIMO, NR(SISO1) + NR(SISO2) + WLAN + BT simultaneous transmission, So UL MIMO no need to do additional simultaneously analysis again. Only required comply with total exposure ratio (TER) of NR + WLAN + BT < 1.



17.2 Head Exposure Conditions

Table with columns for WWAN Band, Exposure Position, and 21 SAR measurement columns (1g SAR (W/kg)) for various frequencies and antenna configurations.



FCC SAR Test Report

Report No. : FA2D0913

Table with 22 columns (Antenna position, Frequency bands 14, 25, 26, 30) and 22 rows of SAR data.

Large table with 22 columns (Antenna position, Frequency bands 1-12, 1+3, 1+6+8, 1+6+9, 1+11+8, 1+11+9, 1+4+7, 1+4+12, 2+5, 2+10) and 22 rows of SAR data.



Table with columns for antenna type (e.g., 30 Ant 3, LTE Band 66 Ant 0), orientation (Right Cheek, Right Tilted, Left Cheek, Left Tilted), and 22 numerical values representing SAR test results.



FCC SAR Test Report

Report No. : FA2D0913

Table with columns for antenna types (Right Tilted, Left Cheek, Left Tilted) and rows for different LTE bands (48 Ant 0, 48 Ant 1, 48 Ant 2, 48 Ant 3) and exposure positions. Values range from 0.001 to 0.995.

Large table with columns for WWAN Band, Exposure Position, and various frequency bands (WLAN2.4GHz, WLAN5GHz, Bluetooth, WLAN6GHz). Rows include antenna types and exposure positions. Values range from 0.001 to 0.995.



FCC SAR Test Report

Report No. : FA2D0913

Table with 22 columns and multiple rows. Columns include antenna labels (e.g., FR1 n7 Ant 1), orientation (Left/Right Tilted, Left/Right Cheek), and 22 numerical values representing SAR test results.



FCC SAR Test Report

Report No. : FA2D0913

Table with 22 columns and 100 rows of SAR test data for various antenna configurations (FR1 n66 Ant 1, FR1 n66 Ant 2, FR1 n66 Ant 3, FR1 n70 Ant 0, FR1 n70 Ant 1, FR1 n70 Ant 2, FR1 n70 Ant 3, FR1 n71 Ant 0, FR1 n71 Ant 1).

Summary table with 21 columns (1-2+10) and 16 rows, detailing SAR values for WWAN, Bluetooth, and WLAN bands across various antenna configurations.



Table with columns for antenna types (e.g., Ant 3, FR1 n41_HPUE Ant 0), body parts (Right Cheek, Left Cheek, Right Tilted, Left Tilted), and 22 numerical values representing SAR test results.

17.3 Hotspot Exposure Conditions

<Flip open>

WWAN Band	Exposure Position	1	2	3	4	5	6	7	1+2	1+4+6	1+4+7	1+3+5
		WWAN	WLAN2.4GHz Ant 5+4 WWAN +non DBS	WLAN2.4GHz Ant 5+4 WWAN +DBS	WLAN5GHz Ant 5+4 WWAN +non DBS	WLAN5GHz Ant 5+4 WWAN +DBS	Bluetooth Ant 4	Bluetooth Ant 5	Summed	Summed	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)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
GSM850 Ant 0	Front	0.492	0.098	0.070	0.253	0.139	0.091	0.053	0.59	0.84	0.80	0.70
	Back	0.782	0.089	0.063	0.153	0.084	0.075	0.047	0.87	1.01	0.98	0.93
	Left side	0.001	0.194	0.137	0.336	0.192	0.177		0.20	0.51	0.34	0.33
	Right side	0.224	0.160	0.113	0.316	0.173		0.114	0.38	0.54	0.65	0.51
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.827							0.83	0.83	0.83	0.83
GSM850 Ant 1	Front	0.283	0.098	0.070	0.253	0.139	0.091	0.053	0.38	0.63	0.59	0.49
	Back	0.387	0.089	0.063	0.153	0.084	0.075	0.047	0.48	0.62	0.59	0.53
	Left side	0.131	0.194	0.137	0.336	0.192	0.177		0.33	0.64	0.47	0.46
	Right side	0.051	0.160	0.113	0.316	0.173		0.114	0.21	0.37	0.48	0.34
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.323							0.32	0.32	0.32	0.32
GSM1900 Ant 0	Front	0.393	0.098	0.070	0.253	0.139	0.091	0.053	0.49	0.74	0.70	0.60
	Back	0.560	0.089	0.063	0.153	0.084	0.075	0.047	0.65	0.79	0.76	0.71
	Left side	0.001	0.194	0.137	0.336	0.192	0.177		0.20	0.51	0.34	0.33
	Right side	0.192	0.160	0.113	0.316	0.173		0.114	0.35	0.51	0.62	0.48
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.674							0.67	0.67	0.67	0.67
GSM1900 Ant 1	Front	0.503	0.098	0.070	0.253	0.139	0.091	0.053	0.60	0.85	0.81	0.71
	Back	0.794	0.089	0.063	0.153	0.084	0.075	0.047	0.88	1.02	0.99	0.94
	Left side	0.259	0.194	0.137	0.336	0.192	0.177		0.45	0.77	0.60	0.59
	Right side	0.047	0.160	0.113	0.316	0.173		0.114	0.21	0.36	0.48	0.33
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.618							0.62	0.62	0.62	0.62
GSM1900 Ant 2	Front	0.821	0.098	0.070	0.253	0.139	0.091	0.053	0.92	1.17	1.13	1.03
	Back	0.799	0.089	0.063	0.153	0.084	0.075	0.047	0.89	1.03	1.00	0.95
	Left side	0.490	0.194	0.137	0.336	0.192	0.177		0.68	1.00	0.83	0.82
	Right side	0.001	0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side	0.791	0.028	0.020	0.074	0.040		0.016	0.82	0.87	0.88	0.85
	Bottom side								0.00	0.00	0.00	0.00
GSM1900 Ant 3	Front	0.679	0.098	0.070	0.253	0.139	0.091	0.053	0.78	1.02	0.99	0.89
	Back	0.687	0.089	0.063	0.153	0.084	0.075	0.047	0.78	0.92	0.89	0.83
	Left side	0.192	0.194	0.137	0.336	0.192	0.177		0.39	0.71	0.53	0.52
	Right side	0.553	0.160	0.113	0.316	0.173		0.114	0.71	0.87	0.98	0.84
	Top side	0.997	0.028	0.020	0.074	0.040		0.016	1.03	1.07	1.09	1.06
	Bottom side								0.00	0.00	0.00	0.00
WCDMA II Ant 0	Front	0.691	0.098	0.070	0.253	0.139	0.091	0.053	0.79	1.04	1.00	0.90
	Back	1.209	0.089	0.063	0.153	0.084	0.075	0.047	1.30	1.44	1.41	1.36
	Left side	0.001	0.194	0.137	0.336	0.192	0.177		0.20	0.51	0.34	0.33
	Right side	0.329	0.160	0.113	0.316	0.173		0.114	0.49	0.65	0.76	0.62
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.199							1.20	1.20	1.20	1.20
WCDMA II Ant 1	Front	0.622	0.098	0.070	0.253	0.139	0.091	0.053	0.72	0.97	0.93	0.83
	Back	0.854	0.089	0.063	0.153	0.084	0.075	0.047	0.94	1.08	1.05	1.00
	Left side	0.301	0.194	0.137	0.336	0.192	0.177		0.50	0.81	0.64	0.63
	Right side	0.079	0.160	0.113	0.316	0.173		0.114	0.24	0.40	0.51	0.37
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.976							0.98	0.98	0.98	0.98



WCDMA II Ant 2	Front	0.451	0.098	0.070	0.253	0.139	0.091	0.053	0.55	0.80	0.76	0.66
	Back	0.522	0.089	0.063	0.153	0.084	0.075	0.047	0.61	0.75	0.72	0.67
	Left side	0.292	0.194	0.137	0.336	0.192	0.177		0.49	0.81	0.63	0.62
	Right side	0.001	0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side	0.981	0.028	0.020	0.074	0.040		0.016	1.01	1.06	1.07	1.04
	Bottom side								0.00	0.00	0.00	0.00
WCDMA II Ant 3	Front	0.646	0.098	0.070	0.253	0.139	0.091	0.053	0.74	0.99	0.95	0.86
	Back	0.650	0.089	0.063	0.153	0.084	0.075	0.047	0.74	0.88	0.85	0.80
	Left side	0.156	0.194	0.137	0.336	0.192	0.177		0.35	0.67	0.49	0.49
	Right side	0.447	0.160	0.113	0.316	0.173		0.114	0.61	0.76	0.88	0.73
	Top side	0.986	0.028	0.020	0.074	0.040		0.016	1.01	1.06	1.08	1.05
	Bottom side								0.00	0.00	0.00	0.00
WCDMA IV Ant 0	Front	0.627	0.098	0.070	0.253	0.139	0.091	0.053	0.73	0.97	0.93	0.84
	Back	1.046	0.089	0.063	0.153	0.084	0.075	0.047	1.14	1.27	1.25	1.19
	Left side	0.001	0.194	0.137	0.336	0.192	0.177		0.20	0.51	0.34	0.33
	Right side	0.240	0.160	0.113	0.316	0.173		0.114	0.40	0.56	0.67	0.53
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.089							1.09	1.09	1.09	1.09
WCDMA IV Ant 1	Front	0.719	0.098	0.070	0.253	0.139	0.091	0.053	0.82	1.06	1.03	0.93
	Back	1.015	0.089	0.063	0.153	0.084	0.075	0.047	1.10	1.24	1.22	1.16
	Left side	0.512	0.194	0.137	0.336	0.192	0.177		0.71	1.03	0.85	0.84
	Right side	0.094	0.160	0.113	0.316	0.173		0.114	0.25	0.41	0.52	0.38
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.121							1.12	1.12	1.12	1.12
WCDMA IV Ant 2	Front	0.725	0.098	0.070	0.253	0.139	0.091	0.053	0.82	1.07	1.03	0.93
	Back	0.910	0.089	0.063	0.153	0.084	0.075	0.047	1.00	1.14	1.11	1.06
	Left side	0.596	0.194	0.137	0.336	0.192	0.177		0.79	1.11	0.93	0.93
	Right side	0.001	0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side	0.986	0.028	0.020	0.074	0.040		0.016	1.01	1.06	1.08	1.05
	Bottom side								0.00	0.00	0.00	0.00
WCDMA IV Ant 3	Front	0.569	0.098	0.070	0.253	0.139	0.091	0.053	0.67	0.91	0.88	0.78
	Back	0.627	0.089	0.063	0.153	0.084	0.075	0.047	0.72	0.86	0.83	0.77
	Left side	0.147	0.194	0.137	0.336	0.192	0.177		0.34	0.66	0.48	0.48
	Right side	0.377	0.160	0.113	0.316	0.173		0.114	0.54	0.69	0.81	0.66
	Top side	0.974	0.028	0.020	0.074	0.040		0.016	1.00	1.05	1.06	1.03
	Bottom side								0.00	0.00	0.00	0.00
WCDMA V Ant 0	Front	0.669	0.098	0.070	0.253	0.139	0.091	0.053	0.77	1.01	0.98	0.88
	Back	0.915	0.089	0.063	0.153	0.084	0.075	0.047	1.00	1.14	1.12	1.06
	Left side	0.067	0.194	0.137	0.336	0.192	0.177		0.26	0.58	0.40	0.40
	Right side	0.342	0.160	0.113	0.316	0.173		0.114	0.50	0.66	0.77	0.63
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.842							0.84	0.84	0.84	0.84
WCDMA V Ant 1	Front	0.439	0.098	0.070	0.253	0.139	0.091	0.053	0.54	0.78	0.75	0.65
	Back	0.673	0.089	0.063	0.153	0.084	0.075	0.047	0.76	0.90	0.87	0.82
	Left side	0.275	0.194	0.137	0.336	0.192	0.177		0.47	0.79	0.61	0.60
	Right side	0.002	0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.672							0.67	0.67	0.67	0.67
LTE Band 7 Ant 0	Front	0.447	0.098	0.070	0.253	0.139	0.091	0.053	0.55	0.79	0.75	0.66
	Back	0.598	0.089	0.063	0.153	0.084	0.075	0.047	0.69	0.83	0.80	0.75
	Left side	0.036	0.194	0.137	0.336	0.192	0.177		0.23	0.55	0.37	0.37
	Right side	0.377	0.160	0.113	0.316	0.173		0.114	0.54	0.69	0.81	0.66
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.224							1.22	1.22	1.22	1.22
LTE Band 7 Ant 1	Front	0.347	0.098	0.070	0.253	0.139	0.091	0.053	0.45	0.69	0.65	0.56
	Back	0.563	0.089	0.063	0.153	0.084	0.075	0.047	0.65	0.79	0.76	0.71



	Left side	0.373	0.194	0.137	0.336	0.192	0.177		0.57	0.89	0.71	0.70
	Right side	0.032	0.160	0.113	0.316	0.173		0.114	0.19	0.35	0.46	0.32
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.228							1.23	1.23	1.23	1.23
LTE Band 7 Ant 2	Front	0.595	0.098	0.070	0.253	0.139	0.091	0.053	0.69	0.94	0.90	0.80
	Back	0.715	0.089	0.063	0.153	0.084	0.075	0.047	0.80	0.94	0.92	0.86
	Left side	0.071	0.194	0.137	0.336	0.192	0.177		0.27	0.58	0.41	0.40
	Right side	0.007	0.160	0.113	0.316	0.173		0.114	0.17	0.32	0.44	0.29
	Top side	0.986	0.028	0.020	0.074	0.040		0.016	1.01	1.06	1.08	1.05
	Bottom side								0.00	0.00	0.00	0.00
LTE Band 7 Ant 3	Front	1.013	0.098	0.070	0.253	0.139	0.091	0.053	1.11	1.36	1.32	1.22
	Back	0.527	0.089	0.063	0.153	0.084	0.075	0.047	0.62	0.76	0.73	0.67
	Left side	0.053	0.194	0.137	0.336	0.192	0.177		0.25	0.57	0.39	0.38
	Right side	0.318	0.160	0.113	0.316	0.173		0.114	0.48	0.63	0.75	0.60
	Top side	0.514	0.028	0.020	0.074	0.040		0.016	0.54	0.59	0.60	0.57
	Bottom side								0.00	0.00	0.00	0.00
LTE Band 12 Ant 0	Front	0.278	0.098	0.070	0.253	0.139	0.091	0.053	0.38	0.62	0.58	0.49
	Back	0.380	0.089	0.063	0.153	0.084	0.075	0.047	0.47	0.61	0.58	0.53
	Left side	0.058	0.194	0.137	0.336	0.192	0.177		0.25	0.57	0.39	0.39
	Right side	0.215	0.160	0.113	0.316	0.173		0.114	0.38	0.53	0.65	0.50
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.395							0.40	0.40	0.40	0.40
LTE Band 12 Ant 1	Front	0.379	0.098	0.070	0.253	0.139	0.091	0.053	0.48	0.72	0.69	0.59
	Back	0.541	0.089	0.063	0.153	0.084	0.075	0.047	0.63	0.77	0.74	0.69
	Left side	0.188	0.194	0.137	0.336	0.192	0.177		0.38	0.70	0.52	0.52
	Right side	0.087	0.160	0.113	0.316	0.173		0.114	0.25	0.40	0.52	0.37
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.516							0.52	0.52	0.52	0.52
LTE Band 12 Ant 2	Front	0.168	0.098	0.070	0.253	0.139	0.091	0.053	0.27	0.51	0.47	0.38
	Back	0.252	0.089	0.063	0.153	0.084	0.075	0.047	0.34	0.48	0.45	0.40
	Left side	0.165	0.194	0.137	0.336	0.192	0.177		0.36	0.68	0.50	0.49
	Right side	0.059	0.160	0.113	0.316	0.173		0.114	0.22	0.38	0.49	0.35
	Top side	0.476	0.028	0.020	0.074	0.040		0.016	0.50	0.55	0.57	0.54
	Bottom side								0.00	0.00	0.00	0.00
LTE Band 13 Ant 0	Front	0.695	0.098	0.070	0.253	0.139	0.091	0.053	0.79	1.04	1.00	0.90
	Back	0.790	0.089	0.063	0.153	0.084	0.075	0.047	0.88	1.02	0.99	0.94
	Left side	0.139	0.194	0.137	0.336	0.192	0.177		0.33	0.65	0.48	0.47
	Right side	0.523	0.160	0.113	0.316	0.173		0.114	0.68	0.84	0.95	0.81
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.373							0.37	0.37	0.37	0.37
LTE Band 13 Ant 1	Front	0.208	0.098	0.070	0.253	0.139	0.091	0.053	0.31	0.55	0.51	0.42
	Back	0.397	0.089	0.063	0.153	0.084	0.075	0.047	0.49	0.63	0.60	0.54
	Left side	0.128	0.194	0.137	0.336	0.192	0.177		0.32	0.64	0.46	0.46
	Right side	0.037	0.160	0.113	0.316	0.173		0.114	0.20	0.35	0.47	0.32
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.594							0.59	0.59	0.59	0.59
LTE Band 13 Ant 2	Front	0.477	0.098	0.070	0.253	0.139	0.091	0.053	0.58	0.82	0.78	0.69
	Back	0.484	0.089	0.063	0.153	0.084	0.075	0.047	0.57	0.71	0.68	0.63
	Left side	0.167	0.194	0.137	0.336	0.192	0.177		0.36	0.68	0.50	0.50
	Right side	0.051	0.160	0.113	0.316	0.173		0.114	0.21	0.37	0.48	0.34
	Top side	0.476	0.028	0.020	0.074	0.040		0.016	0.50	0.55	0.57	0.54
	Bottom side								0.00	0.00	0.00	0.00
LTE Band 14 Ant 0	Front	0.454	0.098	0.070	0.253	0.139	0.091	0.053	0.55	0.80	0.76	0.66
	Back	0.623	0.089	0.063	0.153	0.084	0.075	0.047	0.71	0.85	0.82	0.77
	Left side	0.076	0.194	0.137	0.336	0.192	0.177		0.27	0.59	0.41	0.41
	Right side	0.250	0.160	0.113	0.316	0.173		0.114	0.41	0.57	0.68	0.54



	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.608							0.61	0.61	0.61	0.61
LTE Band 14 Ant 1	Front	0.428	0.098	0.070	0.253	0.139	0.091	0.053	0.53	0.77	0.73	0.64
	Back	0.628	0.089	0.063	0.153	0.084	0.075	0.047	0.72	0.86	0.83	0.78
	Left side	0.262	0.194	0.137	0.336	0.192	0.177		0.46	0.78	0.60	0.59
	Right side	0.110	0.160	0.113	0.316	0.173		0.114	0.27	0.43	0.54	0.40
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.616							0.62	0.62	0.62	0.62
LTE Band 14 Ant 2	Front	0.400	0.098	0.070	0.253	0.139	0.091	0.053	0.50	0.74	0.71	0.61
	Back	0.411	0.089	0.063	0.153	0.084	0.075	0.047	0.50	0.64	0.61	0.56
	Left side	0.175	0.194	0.137	0.336	0.192	0.177		0.37	0.69	0.51	0.50
	Right side	0.067	0.160	0.113	0.316	0.173		0.114	0.23	0.38	0.50	0.35
	Top side	0.518	0.028	0.020	0.074	0.040		0.016	0.55	0.59	0.61	0.58
	Bottom side								0.00	0.00	0.00	0.00
LTE Band 25 Ant 0	Front	0.796	0.098	0.070	0.253	0.139	0.091	0.053	0.89	1.14	1.10	1.01
	Back	1.126	0.089	0.063	0.153	0.084	0.075	0.047	1.22	1.35	1.33	1.27
	Left side	0.001	0.194	0.137	0.336	0.192	0.177		0.20	0.51	0.34	0.33
	Right side	0.405	0.160	0.113	0.316	0.173		0.114	0.57	0.72	0.84	0.69
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.152							1.15	1.15	1.15	1.15
LTE Band 25 Ant 1	Front	0.709	0.098	0.070	0.253	0.139	0.091	0.053	0.81	1.05	1.02	0.92
	Back	1.121	0.089	0.063	0.153	0.084	0.075	0.047	1.21	1.35	1.32	1.27
	Left side	0.489	0.194	0.137	0.336	0.192	0.177		0.68	1.00	0.83	0.82
	Right side	0.065	0.160	0.113	0.316	0.173		0.114	0.23	0.38	0.50	0.35
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.128							1.13	1.13	1.13	1.13

WWAN Band	Exposure Position	1	2	3	4	5	6	7	1+2	1+4+6	1+4+7	1+3+5
		WWAN	WLAN2.4GHz Ant 5+4 WWAN +non DBS	WLAN2.4GHz Ant 5+4 WWAN +DBS	WLAN5GHz Ant 5+4 WWAN +non DBS	WLAN5GHz Ant 5+4 WWAN +DBS	Bluetooth Ant 4	Bluetooth Ant 5	Summed	Summed	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)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Band 25 Ant 2	Front	0.758	0.098	0.070	0.253	0.139	0.091	0.053	0.86	1.10	1.06	0.97
	Back	0.797	0.089	0.063	0.153	0.084	0.075	0.047	0.89	1.03	1.00	0.94
	Left side	0.297	0.194	0.137	0.336	0.192	0.177		0.49	0.81	0.63	0.63
	Right side	0.001	0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side	0.978	0.028	0.020	0.074	0.040		0.016	1.01	1.05	1.07	1.04
	Bottom side								0.00	0.00	0.00	0.00
LTE Band 25 Ant 3	Front	0.558	0.098	0.070	0.253	0.139	0.091	0.053	0.66	0.90	0.86	0.77
	Back	0.379	0.089	0.063	0.153	0.084	0.075	0.047	0.47	0.61	0.58	0.53
	Left side	0.085	0.194	0.137	0.336	0.192	0.177		0.28	0.60	0.42	0.41
	Right side	0.407	0.160	0.113	0.316	0.173		0.114	0.57	0.72	0.84	0.69
	Top side	0.973	0.028	0.020	0.074	0.040		0.016	1.00	1.05	1.06	1.03
	Bottom side								0.00	0.00	0.00	0.00
LTE Band 26 Ant 0	Front	0.573	0.098	0.070	0.253	0.139	0.091	0.053	0.67	0.92	0.88	0.78
	Back	0.809	0.089	0.063	0.153	0.084	0.075	0.047	0.90	1.04	1.01	0.96
	Left side	0.001	0.194	0.137	0.336	0.192	0.177		0.20	0.51	0.34	0.33
	Right side	0.230	0.160	0.113	0.316	0.173		0.114	0.39	0.55	0.66	0.52
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.569							0.57	0.57	0.57	0.57
LTE Band 26 Ant 1	Front	0.422	0.098	0.070	0.253	0.139	0.091	0.053	0.52	0.77	0.73	0.63
	Back	0.662	0.089	0.063	0.153	0.084	0.075	0.047	0.75	0.89	0.86	0.81
	Left side	0.273	0.194	0.137	0.336	0.192	0.177		0.47	0.79	0.61	0.60
	Right side	0.077	0.160	0.113	0.316	0.173		0.114	0.24	0.39	0.51	0.36
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06



	Bottom side	0.630							0.63	0.63	0.63	0.63
LTE Band 26 Ant 2	Front	0.386	0.098	0.070	0.253	0.139	0.091	0.053	0.48	0.73	0.69	0.60
	Back	0.403	0.089	0.063	0.153	0.084	0.075	0.047	0.49	0.63	0.60	0.55
	Left side	0.166	0.194	0.137	0.336	0.192	0.177		0.36	0.68	0.50	0.50
	Right side	0.001	0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side	0.457	0.028	0.020	0.074	0.040		0.016	0.49	0.53	0.55	0.52
	Bottom side								0.00	0.00	0.00	0.00
LTE Band 30 Ant 0	Front	0.710	0.098	0.070	0.253	0.139	0.091	0.053	0.81	1.05	1.02	0.92
	Back	0.950	0.089	0.063	0.153	0.084	0.075	0.047	1.04	1.18	1.15	1.10
	Left side	0.030	0.194	0.137	0.336	0.192	0.177		0.22	0.54	0.37	0.36
	Right side	0.626	0.160	0.113	0.316	0.173		0.114	0.79	0.94	1.06	0.91
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.251							1.25	1.25	1.25	1.25
LTE Band 30 Ant 1	Front	0.161	0.098	0.070	0.253	0.139	0.091	0.053	0.26	0.51	0.47	0.37
	Back	0.254	0.089	0.063	0.153	0.084	0.075	0.047	0.34	0.48	0.45	0.40
	Left side	0.196	0.194	0.137	0.336	0.192	0.177		0.39	0.71	0.53	0.53
	Right side	0.043	0.160	0.113	0.316	0.173		0.114	0.20	0.36	0.47	0.33
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.249							1.25	1.25	1.25	1.25
LTE Band 30 Ant 2	Front	0.620	0.098	0.070	0.253	0.139	0.091	0.053	0.72	0.96	0.93	0.83
	Back	0.721	0.089	0.063	0.153	0.084	0.075	0.047	0.81	0.95	0.92	0.87
	Left side	0.064	0.194	0.137	0.336	0.192	0.177		0.26	0.58	0.40	0.39
	Right side	0.001	0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side	0.998	0.028	0.020	0.074	0.040		0.016	1.03	1.07	1.09	1.06
	Bottom side								0.00	0.00	0.00	0.00
LTE Band 30 Ant 3	Front	0.976	0.098	0.070	0.253	0.139	0.091	0.053	1.07	1.32	1.28	1.19
	Back	0.563	0.089	0.063	0.153	0.084	0.075	0.047	0.65	0.79	0.76	0.71
	Left side	0.022	0.194	0.137	0.336	0.192	0.177		0.22	0.54	0.36	0.35
	Right side	0.068	0.160	0.113	0.316	0.173		0.114	0.23	0.38	0.50	0.35
	Top side	0.109	0.028	0.020	0.074	0.040		0.016	0.14	0.18	0.20	0.17
	Bottom side								0.00	0.00	0.00	0.00
LTE Band 66 Ant 0	Front	0.530	0.098	0.070	0.253	0.139	0.091	0.053	0.63	0.87	0.84	0.74
	Back	0.786	0.089	0.063	0.153	0.084	0.075	0.047	0.88	1.01	0.99	0.93
	Left side	0.033	0.194	0.137	0.336	0.192	0.177		0.23	0.55	0.37	0.36
	Right side	0.264	0.160	0.113	0.316	0.173		0.114	0.42	0.58	0.69	0.55
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.235							1.24	1.24	1.24	1.24
LTE Band 66 Ant 1	Front	0.676	0.098	0.070	0.253	0.139	0.091	0.053	0.77	1.02	0.98	0.89
	Back	1.151	0.089	0.063	0.153	0.084	0.075	0.047	1.24	1.38	1.35	1.30
	Left side	0.460	0.194	0.137	0.336	0.192	0.177		0.65	0.97	0.80	0.79
	Right side	0.098	0.160	0.113	0.316	0.173		0.114	0.26	0.41	0.53	0.38
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.955							0.96	0.96	0.96	0.96
LTE Band 66 Ant 2	Front	0.789	0.098	0.070	0.253	0.139	0.091	0.053	0.89	1.13	1.10	1.00
	Back	0.889	0.089	0.063	0.153	0.084	0.075	0.047	0.98	1.12	1.09	1.04
	Left side	0.589	0.194	0.137	0.336	0.192	0.177		0.78	1.10	0.93	0.92
	Right side	0.001	0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side	0.978	0.028	0.020	0.074	0.040		0.016	1.01	1.05	1.07	1.04
	Bottom side								0.00	0.00	0.00	0.00
LTE Band 66 Ant 3	Front	0.596	0.098	0.070	0.253	0.139	0.091	0.053	0.69	0.94	0.90	0.81
	Back	0.384	0.089	0.063	0.153	0.084	0.075	0.047	0.47	0.61	0.58	0.53
	Left side	0.086	0.194	0.137	0.336	0.192	0.177		0.28	0.60	0.42	0.42
	Right side	0.481	0.160	0.113	0.316	0.173		0.114	0.64	0.80	0.91	0.77
	Top side	0.994	0.028	0.020	0.074	0.040		0.016	1.02	1.07	1.08	1.05
	Bottom side								0.00	0.00	0.00	0.00
LTE Band	Front	0.212	0.098	0.070	0.253	0.139	0.091	0.053	0.31	0.56	0.52	0.42



71 Ant 0	Back	0.315	0.089	0.063	0.153	0.084	0.075	0.047	0.40	0.54	0.52	0.46
	Left side	0.001	0.194	0.137	0.336	0.192	0.177		0.20	0.51	0.34	0.33
	Right side	0.197	0.160	0.113	0.316	0.173		0.114	0.36	0.51	0.63	0.48
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.428							0.43	0.43	0.43	0.43
LTE Band 71 Ant 1	Front	0.222	0.098	0.070	0.253	0.139	0.091	0.053	0.32	0.57	0.53	0.43
	Back	0.353	0.089	0.063	0.153	0.084	0.075	0.047	0.44	0.58	0.55	0.50
	Left side	0.162	0.194	0.137	0.336	0.192	0.177		0.36	0.68	0.50	0.49
	Right side	0.068	0.160	0.113	0.316	0.173		0.114	0.23	0.38	0.50	0.35
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.309							0.31	0.31	0.31	0.31
LTE Band 41 Ant 0	Front	0.531	0.098	0.070	0.253	0.139	0.091	0.053	0.63	0.88	0.84	0.74
	Back	0.716	0.089	0.063	0.153	0.084	0.075	0.047	0.81	0.94	0.92	0.86
	Left side	0.001	0.194	0.137	0.336	0.192	0.177		0.20	0.51	0.34	0.33
	Right side	0.641	0.160	0.113	0.316	0.173		0.114	0.80	0.96	1.07	0.93
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.196							1.20	1.20	1.20	1.20
LTE Band 41 Ant 1	Front	0.419	0.098	0.070	0.253	0.139	0.091	0.053	0.52	0.76	0.73	0.63
	Back	0.715	0.089	0.063	0.153	0.084	0.075	0.047	0.80	0.94	0.92	0.86
	Left side	0.202	0.194	0.137	0.336	0.192	0.177		0.40	0.72	0.54	0.53
	Right side	0.001	0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.251							1.25	1.25	1.25	1.25
LTE Band 41 Ant 2	Front	0.562	0.098	0.070	0.253	0.139	0.091	0.053	0.66	0.91	0.87	0.77
	Back	0.829	0.089	0.063	0.153	0.084	0.075	0.047	0.92	1.06	1.03	0.98
	Left side	0.180	0.194	0.137	0.336	0.192	0.177		0.37	0.69	0.52	0.51
	Right side	0.019	0.160	0.113	0.316	0.173		0.114	0.18	0.34	0.45	0.31
	Top side	0.981	0.028	0.020	0.074	0.040		0.016	1.01	1.06	1.07	1.04
	Bottom side								0.00	0.00	0.00	0.00
LTE Band 41 Ant 3	Front	0.633	0.098	0.070	0.253	0.139	0.091	0.053	0.73	0.98	0.94	0.84
	Back	0.691	0.089	0.063	0.153	0.084	0.075	0.047	0.78	0.92	0.89	0.84
	Left side	0.053	0.194	0.137	0.336	0.192	0.177		0.25	0.57	0.39	0.38
	Right side	0.378	0.160	0.113	0.316	0.173		0.114	0.54	0.69	0.81	0.66
	Top side	0.994	0.028	0.020	0.074	0.040		0.016	1.02	1.07	1.08	1.05
	Bottom side								0.00	0.00	0.00	0.00
LTE Band 41_HPUE Ant 0	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.240							1.24	1.24	1.24	1.24
LTE Band 41_HPUE Ant 1	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.123							1.12	1.12	1.12	1.12
LTE Band 41_HPUE Ant 2	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side	0.885	0.028	0.020	0.074	0.040		0.016	0.91	0.96	0.98	0.95
	Bottom side								0.00	0.00	0.00	0.00
LTE Band 41_HPUE Ant 3	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33



FCC SAR Test Report

Report No. : FA2D0913

	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side	0.982	0.028	0.020	0.074	0.040		0.016	1.01	1.06	1.07	1.04
	Bottom side								0.00	0.00	0.00	0.00
LTE Band 48 Ant 0	Front	0.212	0.098	0.070	0.253	0.139	0.091	0.053	0.31	0.56	0.52	0.42
	Back	0.223	0.089	0.063	0.153	0.084	0.075	0.047	0.31	0.45	0.42	0.37
	Left side	0.001	0.194	0.137	0.336	0.192	0.177		0.20	0.51	0.34	0.33
	Right side	0.061	0.160	0.113	0.316	0.173		0.114	0.22	0.38	0.49	0.35
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.416							0.42	0.42	0.42	0.42
LTE Band 48 Ant 1	Front	0.326	0.098	0.070	0.253	0.139	0.091	0.053	0.42	0.67	0.63	0.54
	Back	0.374	0.089	0.063	0.153	0.084	0.075	0.047	0.46	0.60	0.57	0.52
	Left side	0.086	0.194	0.137	0.336	0.192	0.177		0.28	0.60	0.42	0.42
	Right side	0.027	0.160	0.113	0.316	0.173		0.114	0.19	0.34	0.46	0.31
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.679							0.68	0.68	0.68	0.68
LTE Band 48 Ant 2	Front	0.364	0.098	0.070	0.253	0.139	0.091	0.053	0.46	0.71	0.67	0.57
	Back	0.107	0.089	0.063	0.153	0.084	0.075	0.047	0.20	0.34	0.31	0.25
	Left side	0.029	0.194	0.137	0.336	0.192	0.177		0.22	0.54	0.37	0.36
	Right side	0.001	0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side	0.971	0.028	0.020	0.074	0.040		0.016	1.00	1.05	1.06	1.03
	Bottom side								0.00	0.00	0.00	0.00
LTE Band 48 Ant 3	Front	0.381	0.098	0.070	0.253	0.139	0.091	0.053	0.48	0.73	0.69	0.59
	Back	0.116	0.089	0.063	0.153	0.084	0.075	0.047	0.21	0.34	0.32	0.26
	Left side	0.011	0.194	0.137	0.336	0.192	0.177		0.21	0.52	0.35	0.34
	Right side	0.077	0.160	0.113	0.316	0.173		0.114	0.24	0.39	0.51	0.36
	Top side	0.950	0.028	0.020	0.074	0.040		0.016	0.98	1.02	1.04	1.01
	Bottom side								0.00	0.00	0.00	0.00

WWAN Band	Exposure Position	1	2	3	4	5	6	7	1+2	1+4+6	1+4+7	1+3+5
		WWAN	WLAN2.4GHz Ant 5+4 WWAN +non DBS	WLAN2.4GHz Ant 5+4 WWAN +DBS	WLAN5GHz Ant 5+4 WWAN +non DBS	WLAN5GHz Ant 5+4 WWAN +DBS	Bluetooth Ant 4	Bluetooth Ant 5	Summed	Summed	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)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
FR1 n25 Ant 0	Front	0.701	0.098	0.070	0.253	0.139	0.091	0.053	0.80	1.05	1.01	0.91
	Back	0.944	0.089	0.063	0.153	0.084	0.075	0.047	1.03	1.17	1.14	1.09
	Left side	0.001	0.194	0.137	0.336	0.192	0.177		0.20	0.51	0.34	0.33
	Right side	0.331	0.160	0.113	0.316	0.173		0.114	0.49	0.65	0.76	0.62
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.928							0.93	0.93	0.93	0.93
FR1 n25 Ant 1	Front	0.905	0.098	0.070	0.253	0.139	0.091	0.053	1.00	1.25	1.21	1.11
	Back	1.237	0.089	0.063	0.153	0.084	0.075	0.047	1.33	1.47	1.44	1.38
	Left side	0.464	0.194	0.137	0.336	0.192	0.177		0.66	0.98	0.80	0.79
	Right side	0.079	0.160	0.113	0.316	0.173		0.114	0.24	0.40	0.51	0.37
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.191							1.19	1.19	1.19	1.19
FR1 n25 Ant 2	Front	0.724	0.098	0.070	0.253	0.139	0.091	0.053	0.82	1.07	1.03	0.93
	Back	0.774	0.089	0.063	0.153	0.084	0.075	0.047	0.86	1.00	0.97	0.92
	Left side	0.409	0.194	0.137	0.336	0.192	0.177		0.60	0.92	0.75	0.74
	Right side	0.001	0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side	0.987	0.028	0.020	0.074	0.040		0.016	1.02	1.06	1.08	1.05
	Bottom side								0.00	0.00	0.00	0.00
FR1 n25 Ant 3	Front	0.584	0.098	0.070	0.253	0.139	0.091	0.053	0.68	0.93	0.89	0.79
	Back	0.612	0.089	0.063	0.153	0.084	0.075	0.047	0.70	0.84	0.81	0.76
	Left side	0.117	0.194	0.137	0.336	0.192	0.177		0.31	0.63	0.45	0.45
	Right side	0.394	0.160	0.113	0.316	0.173		0.114	0.55	0.71	0.82	0.68
	Top side	0.983	0.028	0.020	0.074	0.040		0.016	1.01	1.06	1.07	1.04



	Bottom side								0.00	0.00	0.00	0.00
FR1 n26 Ant 0	Front	0.621	0.098	0.070	0.253	0.139	0.091	0.053	0.72	0.97	0.93	0.83
	Back	0.903	0.089	0.063	0.153	0.084	0.075	0.047	0.99	1.13	1.10	1.05
	Left side	0.055	0.194	0.137	0.336	0.192	0.177		0.25	0.57	0.39	0.38
	Right side	0.259	0.160	0.113	0.316	0.173		0.114	0.42	0.58	0.69	0.55
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.611							0.61	0.61	0.61	0.61
FR1 n26 Ant 1	Front	0.307	0.098	0.070	0.253	0.139	0.091	0.053	0.41	0.65	0.61	0.52
	Back	0.461	0.089	0.063	0.153	0.084	0.075	0.047	0.55	0.69	0.66	0.61
	Left side	0.176	0.194	0.137	0.336	0.192	0.177		0.37	0.69	0.51	0.51
	Right side	0.054	0.160	0.113	0.316	0.173		0.114	0.21	0.37	0.48	0.34
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.442							0.44	0.44	0.44	0.44
FR1 n5 Ant 2	Front	0.263	0.098	0.070	0.253	0.139	0.091	0.053	0.36	0.61	0.57	0.47
	Back	0.322	0.089	0.063	0.153	0.084	0.075	0.047	0.41	0.55	0.52	0.47
	Left side	0.213	0.194	0.137	0.336	0.192	0.177		0.41	0.73	0.55	0.54
	Right side	0.001	0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side	0.509	0.028	0.020	0.074	0.040		0.016	0.54	0.58	0.60	0.57
	Bottom side								0.00	0.00	0.00	0.00
FR1 n7 Ant 0	Front	0.546	0.098	0.070	0.253	0.139	0.091	0.053	0.64	0.89	0.85	0.76
	Back	0.848	0.089	0.063	0.153	0.084	0.075	0.047	0.94	1.08	1.05	1.00
	Left side	0.087	0.194	0.137	0.336	0.192	0.177		0.28	0.60	0.42	0.42
	Right side	0.476	0.160	0.113	0.316	0.173		0.114	0.64	0.79	0.91	0.76
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.055							1.06	1.06	1.06	1.06
FR1 n7 Ant 1	Front	0.740	0.098	0.070	0.253	0.139	0.091	0.053	0.84	1.08	1.05	0.95
	Back	1.232	0.089	0.063	0.153	0.084	0.075	0.047	1.32	1.46	1.43	1.38
	Left side	0.375	0.194	0.137	0.336	0.192	0.177		0.57	0.89	0.71	0.70
	Right side	0.027	0.160	0.113	0.316	0.173		0.114	0.19	0.34	0.46	0.31
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.244							1.24	1.24	1.24	1.24
FR1 n7 Ant 2	Front	0.846	0.098	0.070	0.253	0.139	0.091	0.053	0.94	1.19	1.15	1.06
	Back	0.851	0.089	0.063	0.153	0.084	0.075	0.047	0.94	1.08	1.05	1.00
	Left side	0.248	0.194	0.137	0.336	0.192	0.177		0.44	0.76	0.58	0.58
	Right side	0.024	0.160	0.113	0.316	0.173		0.114	0.18	0.34	0.45	0.31
	Top side	0.987	0.028	0.020	0.074	0.040		0.016	1.02	1.06	1.08	1.05
	Bottom side								0.00	0.00	0.00	0.00
FR1 n7 Ant 3	Front	0.773	0.098	0.070	0.253	0.139	0.091	0.053	0.87	1.12	1.08	0.98
	Back	0.982	0.089	0.063	0.153	0.084	0.075	0.047	1.07	1.21	1.18	1.13
	Left side	0.087	0.194	0.137	0.336	0.192	0.177		0.28	0.60	0.42	0.42
	Right side	0.406	0.160	0.113	0.316	0.173		0.114	0.57	0.72	0.84	0.69
	Top side	0.852	0.028	0.020	0.074	0.040		0.016	0.88	0.93	0.94	0.91
	Bottom side								0.00	0.00	0.00	0.00
FR1 n12 Ant 0	Front	0.311	0.098	0.070	0.253	0.139	0.091	0.053	0.41	0.66	0.62	0.52
	Back	0.452	0.089	0.063	0.153	0.084	0.075	0.047	0.54	0.68	0.65	0.60
	Left side	0.071	0.194	0.137	0.336	0.192	0.177		0.27	0.58	0.41	0.40
	Right side	0.248	0.160	0.113	0.316	0.173		0.114	0.41	0.56	0.68	0.53
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.382							0.38	0.38	0.38	0.38
FR1 n12 Ant 1	Front	0.208	0.098	0.070	0.253	0.139	0.091	0.053	0.31	0.55	0.51	0.42
	Back	0.484	0.089	0.063	0.153	0.084	0.075	0.047	0.57	0.71	0.68	0.63
	Left side	0.217	0.194	0.137	0.336	0.192	0.177		0.41	0.73	0.55	0.55
	Right side	0.001	0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.419							0.42	0.42	0.42	0.42
FR1 n13	Front	0.334	0.098	0.070	0.253	0.139	0.091	0.053	0.43	0.68	0.64	0.54



FCC SAR Test Report

Report No. : FA2D0913

Ant 0	Back	0.492	0.089	0.063	0.153	0.084	0.075	0.047	0.58	0.72	0.69	0.64
	Left side	0.072	0.194	0.137	0.336	0.192	0.177		0.27	0.59	0.41	0.40
	Right side	0.251	0.160	0.113	0.316	0.173		0.114	0.41	0.57	0.68	0.54
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.378							0.38	0.38	0.38	0.38
FR1 n13 Ant 1	Front	0.195	0.098	0.070	0.253	0.139	0.091	0.053	0.29	0.54	0.50	0.40
	Back	0.292	0.089	0.063	0.153	0.084	0.075	0.047	0.38	0.52	0.49	0.44
	Left side	0.152	0.194	0.137	0.336	0.192	0.177		0.35	0.67	0.49	0.48
	Right side	0.001	0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.256							0.26	0.26	0.26	0.26
FR1 n14 Ant 0	Front	0.383	0.098	0.070	0.253	0.139	0.091	0.053	0.48	0.73	0.69	0.59
	Back	0.549	0.089	0.063	0.153	0.084	0.075	0.047	0.64	0.78	0.75	0.70
	Left side	0.081	0.194	0.137	0.336	0.192	0.177		0.28	0.59	0.42	0.41
	Right side	0.281	0.160	0.113	0.316	0.173		0.114	0.44	0.60	0.71	0.57
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.483							0.48	0.48	0.48	0.48
FR1 n14 Ant 1	Front	0.156	0.098	0.070	0.253	0.139	0.091	0.053	0.25	0.50	0.46	0.37
	Back	0.281	0.089	0.063	0.153	0.084	0.075	0.047	0.37	0.51	0.48	0.43
	Left side	0.125	0.194	0.137	0.336	0.192	0.177		0.32	0.64	0.46	0.45
	Right side	0.001	0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.241							0.24	0.24	0.24	0.24
FR1 n30 Ant 0	Front	0.771	0.098	0.070	0.253	0.139	0.091	0.053	0.87	1.12	1.08	0.98
	Back	0.913	0.089	0.063	0.153	0.084	0.075	0.047	1.00	1.14	1.11	1.06
	Left side	0.048	0.194	0.137	0.336	0.192	0.177		0.24	0.56	0.38	0.38
	Right side	0.542	0.160	0.113	0.316	0.173		0.114	0.70	0.86	0.97	0.83
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.250							1.25	1.25	1.25	1.25
FR1 n30 Ant 1	Front	0.936	0.098	0.070	0.253	0.139	0.091	0.053	1.03	1.28	1.24	1.15
	Back	1.237	0.089	0.063	0.153	0.084	0.075	0.047	1.33	1.47	1.44	1.38
	Left side	0.417	0.194	0.137	0.336	0.192	0.177		0.61	0.93	0.75	0.75
	Right side	0.090	0.160	0.113	0.316	0.173		0.114	0.25	0.41	0.52	0.38
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.188							1.19	1.19	1.19	1.19
FR1 n30 Ant 2	Front	0.684	0.098	0.070	0.253	0.139	0.091	0.053	0.78	1.03	0.99	0.89
	Back	0.625	0.089	0.063	0.153	0.084	0.075	0.047	0.71	0.85	0.83	0.77
	Left side	0.206	0.194	0.137	0.336	0.192	0.177		0.40	0.72	0.54	0.54
	Right side	0.022	0.160	0.113	0.316	0.173		0.114	0.18	0.34	0.45	0.31
	Top side	0.990	0.028	0.020	0.074	0.040		0.016	1.02	1.06	1.08	1.05
	Bottom side								0.00	0.00	0.00	0.00
FR1 n30 Ant 3	Front	0.896	0.098	0.070	0.253	0.139	0.091	0.053	0.99	1.24	1.20	1.11
	Back	0.975	0.089	0.063	0.153	0.084	0.075	0.047	1.06	1.20	1.18	1.12
	Left side	0.116	0.194	0.137	0.336	0.192	0.177		0.31	0.63	0.45	0.45
	Right side	0.362	0.160	0.113	0.316	0.173		0.114	0.52	0.68	0.79	0.65
	Top side	0.676	0.028	0.020	0.074	0.040		0.016	0.70	0.75	0.77	0.74
	Bottom side								0.00	0.00	0.00	0.00
FR1 n66 Ant 0	Front	0.682	0.098	0.070	0.253	0.139	0.091	0.053	0.78	1.03	0.99	0.89
	Back	0.997	0.089	0.063	0.153	0.084	0.075	0.047	1.09	1.23	1.20	1.14
	Left side	0.001	0.194	0.137	0.336	0.192	0.177		0.20	0.51	0.34	0.33
	Right side	0.287	0.160	0.113	0.316	0.173		0.114	0.45	0.60	0.72	0.57
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.977							0.98	0.98	0.98	0.98
FR1 n66 Ant 1	Front	0.946	0.098	0.070	0.253	0.139	0.091	0.053	1.04	1.29	1.25	1.16
	Back	1.252	0.089	0.063	0.153	0.084	0.075	0.047	1.34	1.48	1.45	1.40
	Left side	0.568	0.194	0.137	0.336	0.192	0.177		0.76	1.08	0.90	0.90



	Right side	0.091	0.160	0.113	0.316	0.173		0.114	0.25	0.41	0.52	0.38
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.199							1.20	1.20	1.20	1.20
FR1 n66 Ant 2	Front	0.673	0.098	0.070	0.253	0.139	0.091	0.053	0.77	1.02	0.98	0.88
	Back	0.756	0.089	0.063	0.153	0.084	0.075	0.047	0.85	0.98	0.96	0.90
	Left side	0.515	0.194	0.137	0.336	0.192	0.177		0.71	1.03	0.85	0.84
	Right side	0.001	0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side	0.765	0.028	0.020	0.074	0.040		0.016	0.79	0.84	0.86	0.83
	Bottom side								0.00	0.00	0.00	0.00
FR1 n66 Ant 3	Front	0.560	0.098	0.070	0.253	0.139	0.091	0.053	0.66	0.90	0.87	0.77
	Back	0.593	0.089	0.063	0.153	0.084	0.075	0.047	0.68	0.82	0.79	0.74
	Left side	0.124	0.194	0.137	0.336	0.192	0.177		0.32	0.64	0.46	0.45
	Right side	0.406	0.160	0.113	0.316	0.173		0.114	0.57	0.72	0.84	0.69
	Top side	0.994	0.028	0.020	0.074	0.040		0.016	1.02	1.07	1.08	1.05
	Bottom side								0.00	0.00	0.00	0.00
FR1 n70 Ant 0	Front	0.646	0.098	0.070	0.253	0.139	0.091	0.053	0.74	0.99	0.95	0.86
	Back	0.966	0.089	0.063	0.153	0.084	0.075	0.047	1.06	1.19	1.17	1.11
	Left side	0.001	0.194	0.137	0.336	0.192	0.177		0.20	0.51	0.34	0.33
	Right side	0.321	0.160	0.113	0.316	0.173		0.114	0.48	0.64	0.75	0.61
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.946							0.95	0.95	0.95	0.95
FR1 n70 Ant 1	Front	0.611	0.098	0.070	0.253	0.139	0.091	0.053	0.71	0.96	0.92	0.82
	Back	0.787	0.089	0.063	0.153	0.084	0.075	0.047	0.88	1.02	0.99	0.93
	Left side	0.375	0.194	0.137	0.336	0.192	0.177		0.57	0.89	0.71	0.70
	Right side	0.048	0.160	0.113	0.316	0.173		0.114	0.21	0.36	0.48	0.33
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.779							0.78	0.78	0.78	0.78
FR1 n70 Ant 2	Front	0.949	0.098	0.070	0.253	0.139	0.091	0.053	1.05	1.29	1.26	1.16
	Back	0.670	0.089	0.063	0.153	0.084	0.075	0.047	0.76	0.90	0.87	0.82
	Left side	0.778	0.194	0.137	0.336	0.192	0.177		0.97	1.29	1.11	1.11
	Right side	0.033	0.160	0.113	0.316	0.173		0.114	0.19	0.35	0.46	0.32
	Top side	0.683	0.028	0.020	0.074	0.040		0.016	0.71	0.76	0.77	0.74
	Bottom side								0.00	0.00	0.00	0.00
FR1 n70 Ant 3	Front	0.521	0.098	0.070	0.253	0.139	0.091	0.053	0.62	0.87	0.83	0.73
	Back	0.513	0.089	0.063	0.153	0.084	0.075	0.047	0.60	0.74	0.71	0.66
	Left side	0.151	0.194	0.137	0.336	0.192	0.177		0.35	0.66	0.49	0.48
	Right side	0.330	0.160	0.113	0.316	0.173		0.114	0.49	0.65	0.76	0.62
	Top side	0.966	0.028	0.020	0.074	0.040		0.016	0.99	1.04	1.06	1.03
	Bottom side								0.00	0.00	0.00	0.00
FR1 n71 Ant 0	Front	0.263	0.098	0.070	0.253	0.139	0.091	0.053	0.36	0.61	0.57	0.47
	Back	0.368	0.089	0.063	0.153	0.084	0.075	0.047	0.46	0.60	0.57	0.52
	Left side	0.105	0.194	0.137	0.336	0.192	0.177		0.30	0.62	0.44	0.43
	Right side	0.231	0.160	0.113	0.316	0.173		0.114	0.39	0.55	0.66	0.52
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.344							0.34	0.34	0.34	0.34
FR1 n71 Ant 1	Front	0.111	0.098	0.070	0.253	0.139	0.091	0.053	0.21	0.46	0.42	0.32
	Back	0.252	0.089	0.063	0.153	0.084	0.075	0.047	0.34	0.48	0.45	0.40
	Left side	0.138	0.194	0.137	0.336	0.192	0.177		0.33	0.65	0.47	0.47
	Right side	0.037	0.160	0.113	0.316	0.173		0.114	0.20	0.35	0.47	0.32
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.237							0.24	0.24	0.24	0.24



WWAN Band	Exposure Position	1	2	3	4	5	6	7	1+2	1+4+6	1+4+7	1+3+5
		WWAN	WLAN2.4GHz Ant 5+4 WWAN +non DBS	WLAN2.4GHz Ant 5+4 WWAN +DBS	WLAN5GHz Ant 5+4 WWAN +non DBS	WLAN5GHz Ant 5+4 WWAN +DBS	Bluetooth Ant 4	Bluetooth Ant 5	Summed	Summed	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)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
FR1 n41 Ant 0	Front	0.640	0.098	0.070	0.253	0.139	0.091	0.053	0.74	0.98	0.95	0.85
	Back	0.936	0.089	0.063	0.153	0.084	0.075	0.047	1.03	1.16	1.14	1.08
	Left side	0.001	0.194	0.137	0.336	0.192	0.177		0.20	0.51	0.34	0.33
	Right side	0.695	0.160	0.113	0.316	0.173		0.114	0.86	1.01	1.13	0.98
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.227							1.23	1.23	1.23	1.23
FR1 n41 Ant 1	Front	0.808	0.098	0.070	0.253	0.139	0.091	0.053	0.91	1.15	1.11	1.02
	Back	1.214	0.089	0.063	0.153	0.084	0.075	0.047	1.30	1.44	1.41	1.36
	Left side	0.338	0.194	0.137	0.336	0.192	0.177		0.53	0.85	0.67	0.67
	Right side	0.001	0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.231							1.23	1.23	1.23	1.23
FR1 n41 Ant 2	Front	0.743	0.098	0.070	0.253	0.139	0.091	0.053	0.84	1.09	1.05	0.95
	Back	0.814	0.089	0.063	0.153	0.084	0.075	0.047	0.90	1.04	1.01	0.96
	Left side	0.235	0.194	0.137	0.336	0.192	0.177		0.43	0.75	0.57	0.56
	Right side	0.027	0.160	0.113	0.316	0.173		0.114	0.19	0.34	0.46	0.31
	Top side	0.952	0.028	0.020	0.074	0.040		0.016	0.98	1.03	1.04	1.01
	Bottom side								0.00	0.00	0.00	0.00
FR1 n41 Ant 3	Front	0.853	0.098	0.070	0.253	0.139	0.091	0.053	0.95	1.20	1.16	1.06
	Back	0.990	0.089	0.063	0.153	0.084	0.075	0.047	1.08	1.22	1.19	1.14
	Left side	0.077	0.194	0.137	0.336	0.192	0.177		0.27	0.59	0.41	0.41
	Right side	0.446	0.160	0.113	0.316	0.173		0.114	0.61	0.76	0.88	0.73
	Top side	0.868	0.028	0.020	0.074	0.040		0.016	0.90	0.94	0.96	0.93
	Bottom side								0.00	0.00	0.00	0.00
FR1 n41_HPUE Ant 0	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.224							1.22	1.22	1.22	1.22
FR1 n41_HPUE Ant 1	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	1.140							1.14	1.14	1.14	1.14
FR1 n41_HPUE Ant 2	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side	0.992	0.028	0.020	0.074	0.040		0.016	1.02	1.07	1.08	1.05
	Bottom side								0.00	0.00	0.00	0.00
FR1 n41_HPUE Ant 3	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back	0.989	0.089	0.063	0.153	0.084	0.075	0.047	1.08	1.22	1.19	1.14
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side								0.00	0.00	0.00	0.00
FR1 n48 Ant 0	Front	0.205	0.098	0.070	0.253	0.139	0.091	0.053	0.30	0.55	0.51	0.41
	Back	0.234	0.089	0.063	0.153	0.084	0.075	0.047	0.32	0.46	0.43	0.38



	Left side	0.024	0.194	0.137	0.336	0.192	0.177		0.22	0.54	0.36	0.35
	Right side	0.077	0.160	0.113	0.316	0.173		0.114	0.24	0.39	0.51	0.36
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.459							0.46	0.46	0.46	0.46
FR1 n48 Ant 1	Front	0.105	0.098	0.070	0.253	0.139	0.091	0.053	0.20	0.45	0.41	0.31
	Back	0.183	0.089	0.063	0.153	0.084	0.075	0.047	0.27	0.41	0.38	0.33
	Left side	0.047	0.194	0.137	0.336	0.192	0.177		0.24	0.56	0.38	0.38
	Right side	0.023	0.160	0.113	0.316	0.173		0.114	0.18	0.34	0.45	0.31
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side	0.387							0.39	0.39	0.39	0.39
FR1 n48 Ant 2	Front	0.451	0.098	0.070	0.253	0.139	0.091	0.053	0.55	0.80	0.76	0.66
	Back	0.602	0.089	0.063	0.153	0.084	0.075	0.047	0.69	0.83	0.80	0.75
	Left side	0.065	0.194	0.137	0.336	0.192	0.177		0.26	0.58	0.40	0.39
	Right side	0.043	0.160	0.113	0.316	0.173		0.114	0.20	0.36	0.47	0.33
	Top side	0.994	0.028	0.020	0.074	0.040		0.016	1.02	1.07	1.08	1.05
	Bottom side								0.00	0.00	0.00	0.00
FR1 n48 Ant 3	Front	0.366	0.098	0.070	0.253	0.139	0.091	0.053	0.46	0.71	0.67	0.58
	Back	0.447	0.089	0.063	0.153	0.084	0.075	0.047	0.54	0.68	0.65	0.59
	Left side	0.023	0.194	0.137	0.336	0.192	0.177		0.22	0.54	0.36	0.35
	Right side	0.091	0.160	0.113	0.316	0.173		0.114	0.25	0.41	0.52	0.38
	Top side	0.990	0.028	0.020	0.074	0.040		0.016	1.02	1.06	1.08	1.05
	Bottom side								0.00	0.00	0.00	0.00
FR1 n77 Part27O Ant 0	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side								0.00	0.00	0.00	0.00
FR1 n77 Part27Q Ant 0	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side								0.00	0.00	0.00	0.00
FR1 n77 Part27O Ant 1	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side								0.00	0.00	0.00	0.00
FR1 n77 Part27Q Ant 1	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side								0.00	0.00	0.00	0.00
FR1 n77 Part27O Ant 2	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side								0.00	0.00	0.00	0.00
FR1 n77 Part27Q Ant 2	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29



	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side								0.00	0.00	0.00	0.00
FR1 n77 Part27O Ant 3	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side								0.00	0.00	0.00	0.00
FR1 n77 Part27Q Ant 3	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side								0.00	0.00	0.00	0.00
FR1 n77 Part27O pc2 Ant 0	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side								0.00	0.00	0.00	0.00
FR1 n77 Part27Q pc2 Ant 0	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side								0.00	0.00	0.00	0.00
FR1 n77 Part27O pc2 Ant 1	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side								0.00	0.00	0.00	0.00
FR1 n77 Part27Q pc2 Ant 1	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side								0.00	0.00	0.00	0.00
FR1 n77 Part27O pc2 Ant 2	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side								0.00	0.00	0.00	0.00
FR1 n77 Part27Q pc2 Ant 2	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side								0.00	0.00	0.00	0.00
FR1 n77 Part27O pc2 Ant 3	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side								0.00	0.00	0.00	0.00



FCC SAR Test Report

Report No. : FA2D0913

FR1 n77 Part27Q pc2 Ant 3	Front		0.098	0.070	0.253	0.139	0.091	0.053	0.10	0.34	0.31	0.21
	Back		0.089	0.063	0.153	0.084	0.075	0.047	0.09	0.23	0.20	0.15
	Left side		0.194	0.137	0.336	0.192	0.177		0.19	0.51	0.34	0.33
	Right side		0.160	0.113	0.316	0.173		0.114	0.16	0.32	0.43	0.29
	Top side		0.028	0.020	0.074	0.040		0.016	0.03	0.07	0.09	0.06
	Bottom side								0.00	0.00	0.00	0.00

<Flip Close >

WWAN Band	Exposure Position	1	2	3	4	5	6	7	1+2	1+4+6	1+4+7	1+3+5
		WWAN	WLAN2.4GHz Ant 5+4 WWAN +non DBS	WLAN2.4GHz Ant 5+4 WWAN +DBS	WLAN5GHz Ant 5+4 WWAN +non DBS	WLAN5GHz Ant 5+4 WWAN +DBS	Bluetooth Ant 4	Bluetooth Ant 5	Summed	Summed	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)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
GSM850 Ant 0	Front	0.067	0.136	0.068	0.109	0.061	0.088	0.027	0.20	0.26	0.20	0.20
	Back	0.679	0.129	0.064	0.045	0.024	0.074		0.81	0.80	0.72	0.77
	Left side	0.001	0.354	0.177	0.272	0.142	0.140		0.36	0.41	0.27	0.32
	Right side	0.434	0.331	0.165	0.242	0.135		0.120	0.77	0.68	0.80	0.73
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.453	0.055	0.068	0.087	0.061			0.51	0.54	0.54	0.58
GSM850 Ant 1	Front	0.122	0.136	0.068	0.109	0.061	0.088	0.027	0.26	0.32	0.26	0.25
	Back	0.645	0.129	0.064	0.045	0.024	0.074		0.77	0.76	0.69	0.73
	Left side	0.283	0.354	0.177	0.272	0.142	0.140		0.64	0.70	0.56	0.60
	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.429	0.055	0.068	0.087	0.061			0.48	0.52	0.52	0.56
GSM1900 Ant 0	Front	0.070	0.136	0.068	0.109	0.061	0.088	0.027	0.21	0.27	0.21	0.20
	Back	0.495	0.129	0.064	0.045	0.024	0.074		0.62	0.61	0.54	0.58
	Left side	0.001	0.354	0.177	0.272	0.142	0.140		0.36	0.41	0.27	0.32
	Right side	0.115	0.331	0.165	0.242	0.135		0.120	0.45	0.36	0.48	0.42
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.442	0.055	0.068	0.087	0.061			0.50	0.53	0.53	0.57
GSM1900 Ant 1	Front	0.127	0.136	0.068	0.109	0.061	0.088	0.027	0.26	0.32	0.26	0.26
	Back	0.559	0.129	0.064	0.045	0.024	0.074		0.69	0.68	0.60	0.65
	Left side	0.206	0.354	0.177	0.272	0.142	0.140		0.56	0.62	0.48	0.53
	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.662	0.055	0.068	0.087	0.061			0.72	0.75	0.75	0.79
GSM1900 Ant 2	Front	0.470	0.136	0.068	0.109	0.061	0.088	0.027	0.61	0.67	0.61	0.60
	Back	0.094	0.129	0.064	0.045	0.024	0.074		0.22	0.21	0.14	0.18
	Left side	0.433	0.354	0.177	0.272	0.142	0.140		0.79	0.85	0.71	0.75
	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.572	0.055	0.068	0.087	0.061			0.63	0.66	0.66	0.70
GSM1900 Ant 3	Front	0.863	0.136	0.068	0.109	0.061	0.088	0.027	1.00	1.06	1.00	0.99
	Back	0.108	0.129	0.064	0.045	0.024	0.074		0.24	0.23	0.15	0.20
	Left side	0.281	0.354	0.177	0.272	0.142	0.140		0.64	0.69	0.55	0.60
	Right side	0.217	0.331	0.165	0.242	0.135		0.120	0.55	0.46	0.58	0.52
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.990	0.055	0.068	0.087	0.061			1.05	1.08	1.08	1.12
WCDMA II Ant 0	Front	0.057	0.136	0.068	0.109	0.061	0.088	0.027	0.19	0.25	0.19	0.19
	Back	0.820	0.129	0.064	0.045	0.024	0.074		0.95	0.94	0.87	0.91
	Left side	0.001	0.354	0.177	0.272	0.142	0.140		0.36	0.41	0.27	0.32
	Right side	0.197	0.331	0.165	0.242	0.135		0.120	0.53	0.44	0.56	0.50
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.926	0.055	0.068	0.087	0.061			0.98	1.01	1.01	1.06
WCDMA II	Front	0.265	0.136	0.068	0.109	0.061	0.088	0.027	0.40	0.46	0.40	0.39



FCC SAR Test Report

Report No. : FA2D0913

Ant 1	Back	0.945	0.129	0.064	0.045	0.024	0.074		1.07	1.06	0.99	1.03
	Left side	0.297	0.354	0.177	0.272	0.142	0.140		0.65	0.71	0.57	0.62
	Right side	0.103	0.331	0.165	0.242	0.135		0.120	0.43	0.35	0.47	0.40
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.979	0.055	0.068	0.087	0.061			1.03	1.07	1.07	1.11
WCDMA II Ant 2	Front	0.994	0.136	0.068	0.109	0.061	0.088	0.027	1.13	1.19	1.13	1.12
	Back	0.178	0.129	0.064	0.045	0.024	0.074		0.31	0.30	0.22	0.27
	Left side	0.739	0.354	0.177	0.272	0.142	0.140		1.09	1.15	1.01	1.06
	Right side	0.053	0.331	0.165	0.242	0.135		0.120	0.38	0.30	0.42	0.35
	Bottom side	0.843	0.055	0.068	0.087	0.061			0.90	0.93	0.93	0.97
WCDMA II Ant 3	Front	0.681	0.136	0.068	0.109	0.061	0.088	0.027	0.82	0.88	0.82	0.81
	Back	0.242	0.129	0.064	0.045	0.024	0.074		0.37	0.36	0.29	0.33
	Left side	0.189	0.354	0.177	0.272	0.142	0.140		0.54	0.60	0.46	0.51
	Right side	0.286	0.331	0.165	0.242	0.135		0.120	0.62	0.53	0.65	0.59
	Bottom side	0.875	0.055	0.068	0.087	0.061			0.93	0.96	0.96	1.00
WCDMA IV Ant 0	Front	0.083	0.136	0.068	0.109	0.061	0.088	0.027	0.22	0.28	0.22	0.21
	Back	0.777	0.129	0.064	0.045	0.024	0.074		0.91	0.90	0.82	0.87
	Left side	0.001	0.354	0.177	0.272	0.142	0.140		0.36	0.41	0.27	0.32
	Right side	0.123	0.331	0.165	0.242	0.135		0.120	0.45	0.37	0.49	0.42
	Bottom side	0.931	0.055	0.068	0.087	0.061			0.99	1.02	1.02	1.06
WCDMA IV Ant 1	Front	0.160	0.136	0.068	0.109	0.061	0.088	0.027	0.30	0.36	0.30	0.29
	Back	0.977	0.129	0.064	0.045	0.024	0.074		1.11	1.10	1.02	1.07
	Left side	0.347	0.354	0.177	0.272	0.142	0.140		0.70	0.76	0.62	0.67
	Right side	0.075	0.331	0.165	0.242	0.135		0.120	0.41	0.32	0.44	0.38
	Bottom side	0.931	0.055	0.068	0.087	0.061			0.99	1.02	1.02	1.06
WCDMA IV Ant 2	Front	0.823	0.136	0.068	0.109	0.061	0.088	0.027	0.96	1.02	0.96	0.95
	Back	0.224	0.129	0.064	0.045	0.024	0.074		0.35	0.34	0.27	0.31
	Left side	0.718	0.354	0.177	0.272	0.142	0.140		1.07	1.13	0.99	1.04
	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Bottom side	0.657	0.055	0.068	0.087	0.061			0.71	0.74	0.74	0.79
WCDMA IV Ant 3	Front	0.530	0.136	0.068	0.109	0.061	0.088	0.027	0.67	0.73	0.67	0.66
	Back	0.185	0.129	0.064	0.045	0.024	0.074		0.31	0.30	0.23	0.27
	Left side	0.187	0.354	0.177	0.272	0.142	0.140		0.54	0.60	0.46	0.51
	Right side	0.355	0.331	0.165	0.242	0.135		0.120	0.69	0.60	0.72	0.66
	Bottom side	0.988	0.055	0.068	0.087	0.061			1.04	1.08	1.08	1.12
WCDMA V Ant 0	Front	0.001	0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back	0.401	0.129	0.064	0.045	0.024	0.074		0.53	0.52	0.45	0.49
	Left side	0.001	0.354	0.177	0.272	0.142	0.140		0.36	0.41	0.27	0.32
	Right side	0.270	0.331	0.165	0.242	0.135		0.120	0.60	0.51	0.63	0.57
	Bottom side	0.425	0.055	0.068	0.087	0.061			0.48	0.51	0.51	0.55
WCDMA V Ant 1	Front	0.002	0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back	0.209	0.129	0.064	0.045	0.024	0.074		0.34	0.33	0.25	0.30
	Left side	0.092	0.354	0.177	0.272	0.142	0.140		0.45	0.50	0.36	0.41
	Right side	0.002	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Bottom side	0.141	0.055	0.068	0.087	0.061			0.20	0.23	0.23	0.27
LTE Band 7 Ant 0	Front	0.065	0.136	0.068	0.109	0.061	0.088	0.027	0.20	0.26	0.20	0.19
	Back	0.972	0.129	0.064	0.045	0.024	0.074		1.10	1.09	1.02	1.06
	Left side	0.032	0.354	0.177	0.272	0.142	0.140		0.39	0.44	0.30	0.35



FCC SAR Test Report

Report No. : FA2D0913

	Right side	0.522	0.331	0.165	0.242	0.135		0.120	0.85	0.76	0.88	0.82
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	1.068	0.055	0.068	0.087	0.061			1.12	1.16	1.16	1.20
LTE Band 7 Ant 1	Front	0.137	0.136	0.068	0.109	0.061	0.088	0.027	0.27	0.33	0.27	0.27
	Back	1.016	0.129	0.064	0.045	0.024	0.074		1.15	1.14	1.06	1.10
	Left side	0.206	0.354	0.177	0.272	0.142	0.140		0.56	0.62	0.48	0.53
	Right side	0.030	0.331	0.165	0.242	0.135		0.120	0.36	0.27	0.39	0.33
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	1.009	0.055	0.068	0.087	0.061			1.06	1.10	1.10	1.14
LTE Band 7 Ant 2	Front	0.650	0.136	0.068	0.109	0.061	0.088	0.027	0.79	0.85	0.79	0.78
	Back	0.168	0.129	0.064	0.045	0.024	0.074		0.30	0.29	0.21	0.26
	Left side	0.265	0.354	0.177	0.272	0.142	0.140		0.62	0.68	0.54	0.58
	Right side	0.015	0.331	0.165	0.242	0.135		0.120	0.35	0.26	0.38	0.32
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.975	0.055	0.068	0.087	0.061			1.03	1.06	1.06	1.10
LTE Band 7 Ant 3	Front	0.958	0.136	0.068	0.109	0.061	0.088	0.027	1.09	1.16	1.09	1.09
	Back	0.230	0.129	0.064	0.045	0.024	0.074		0.36	0.35	0.28	0.32
	Left side	0.084	0.354	0.177	0.272	0.142	0.140		0.44	0.50	0.36	0.40
	Right side	0.226	0.331	0.165	0.242	0.135		0.120	0.56	0.47	0.59	0.53
	Top side	0.028	0.001	0.001	0.001	0.001			0.03	0.03	0.03	0.03
	Bottom side	0.945	0.055	0.068	0.087	0.061			1.00	1.03	1.03	1.07
LTE Band 12 Ant 0	Front	0.051	0.136	0.068	0.109	0.061	0.088	0.027	0.19	0.25	0.19	0.18
	Back	0.435	0.129	0.064	0.045	0.024	0.074		0.56	0.55	0.48	0.52
	Left side	0.051	0.354	0.177	0.272	0.142	0.140		0.41	0.46	0.32	0.37
	Right side	0.337	0.331	0.165	0.242	0.135		0.120	0.67	0.58	0.70	0.64
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.387	0.055	0.068	0.087	0.061			0.44	0.47	0.47	0.52
LTE Band 12 Ant 1	Front	0.050	0.136	0.068	0.109	0.061	0.088	0.027	0.19	0.25	0.19	0.18
	Back	0.323	0.129	0.064	0.045	0.024	0.074		0.45	0.44	0.37	0.41
	Left side	0.166	0.354	0.177	0.272	0.142	0.140		0.52	0.58	0.44	0.49
	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.210	0.055	0.068	0.087	0.061			0.27	0.30	0.30	0.34
LTE Band 12 Ant 2	Front	0.165	0.136	0.068	0.109	0.061	0.088	0.027	0.30	0.36	0.30	0.29
	Back	0.123	0.129	0.064	0.045	0.024	0.074		0.25	0.24	0.17	0.21
	Left side	0.248	0.354	0.177	0.272	0.142	0.140		0.60	0.66	0.52	0.57
	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.407	0.055	0.068	0.087	0.061			0.46	0.49	0.49	0.54
LTE Band 13 Ant 0	Front	0.046	0.136	0.068	0.109	0.061	0.088	0.027	0.18	0.24	0.18	0.18
	Back	0.498	0.129	0.064	0.045	0.024	0.074		0.63	0.62	0.54	0.59
	Left side	0.001	0.354	0.177	0.272	0.142	0.140		0.36	0.41	0.27	0.32
	Right side	0.384	0.331	0.165	0.242	0.135		0.120	0.72	0.63	0.75	0.68
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.488	0.055	0.068	0.087	0.061			0.54	0.58	0.58	0.62
LTE Band 13 Ant 1	Front	0.057	0.136	0.068	0.109	0.061	0.088	0.027	0.19	0.25	0.19	0.19
	Back	0.287	0.129	0.064	0.045	0.024	0.074		0.42	0.41	0.33	0.38
	Left side	0.130	0.354	0.177	0.272	0.142	0.140		0.48	0.54	0.40	0.45
	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.194	0.055	0.068	0.087	0.061			0.25	0.28	0.28	0.32
LTE Band 13 Ant 2	Front	0.356	0.136	0.068	0.109	0.061	0.088	0.027	0.49	0.55	0.49	0.49
	Back	0.369	0.129	0.064	0.045	0.024	0.074		0.50	0.49	0.41	0.46
	Left side	0.431	0.354	0.177	0.272	0.142	0.140		0.79	0.84	0.70	0.75
	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00



FCC SAR Test Report

Report No. : FA2D0913

	Bottom side	0.666	0.055	0.068	0.087	0.061			0.72	0.75	0.75	0.80
LTE Band 14 Ant 0	Front	0.086	0.136	0.068	0.109	0.061	0.088	0.027	0.22	0.28	0.22	0.22
	Back	0.777	0.129	0.064	0.045	0.024	0.074		0.91	0.90	0.82	0.87
	Left side	0.056	0.354	0.177	0.272	0.142	0.140		0.41	0.47	0.33	0.38
	Right side	0.647	0.331	0.165	0.242	0.135		0.120	0.98	0.89	1.01	0.95
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.709	0.055	0.068	0.087	0.061			0.76	0.80	0.80	0.84
LTE Band 14 Ant 1	Front	0.103	0.136	0.068	0.109	0.061	0.088	0.027	0.24	0.30	0.24	0.23
	Back	0.501	0.129	0.064	0.045	0.024	0.074		0.63	0.62	0.55	0.59
	Left side	0.263	0.354	0.177	0.272	0.142	0.140		0.62	0.68	0.54	0.58
	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.279	0.055	0.068	0.087	0.061			0.33	0.37	0.37	0.41
LTE Band 14 Ant 2	Front	0.349	0.136	0.068	0.109	0.061	0.088	0.027	0.49	0.55	0.49	0.48
	Back	0.355	0.129	0.064	0.045	0.024	0.074		0.48	0.47	0.40	0.44
	Left side	0.429	0.354	0.177	0.272	0.142	0.140		0.78	0.84	0.70	0.75
	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.580	0.055	0.068	0.087	0.061			0.64	0.67	0.67	0.71
LTE Band 25 Ant 0	Front	0.126	0.136	0.068	0.109	0.061	0.088	0.027	0.26	0.32	0.26	0.26
	Back	0.965	0.129	0.064	0.045	0.024	0.074		1.09	1.08	1.01	1.05
	Left side	0.073	0.354	0.177	0.272	0.142	0.140		0.43	0.49	0.35	0.39
	Right side	0.151	0.331	0.165	0.242	0.135		0.120	0.48	0.39	0.51	0.45
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.804	0.055	0.068	0.087	0.061			0.86	0.89	0.89	0.93
LTE Band 25 Ant 1	Front	0.198	0.136	0.068	0.109	0.061	0.088	0.027	0.33	0.40	0.33	0.33
	Back	0.847	0.129	0.064	0.045	0.024	0.074		0.98	0.97	0.89	0.94
	Left side	0.272	0.354	0.177	0.272	0.142	0.140		0.63	0.68	0.54	0.59
	Right side	0.096	0.331	0.165	0.242	0.135		0.120	0.43	0.34	0.46	0.40
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.883	0.055	0.068	0.087	0.061			0.94	0.97	0.97	1.01

WWAN Band	Exposure Position	1	2	3	4	5	6	7	1+2	1+4+6	1+4+7	1+3+5
		WWAN	WLAN2.4GHz Ant 5+4 WWAN +non DBS	WLAN2.4GHz Ant 5+4 WWAN +DBS	WLAN5GHz Ant 5+4 WWAN +non DBS	WLAN5GHz Ant 5+4 WWAN +DBS	Bluetooth Ant 4	Bluetooth Ant 5	Summed	Summed	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)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Band 25 Ant 2	Front	0.842	0.136	0.068	0.109	0.061	0.088	0.027	0.98	1.04	0.98	0.97
	Back	0.318	0.129	0.064	0.045	0.024	0.074		0.45	0.44	0.36	0.41
	Left side	0.494	0.354	0.177	0.272	0.142	0.140		0.85	0.91	0.77	0.81
	Right side	0.087	0.331	0.165	0.242	0.135		0.120	0.42	0.33	0.45	0.39
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.990	0.055	0.068	0.087	0.061			1.05	1.08	1.08	1.12
LTE Band 25 Ant 3	Front	0.801	0.136	0.068	0.109	0.061	0.088	0.027	0.94	1.00	0.94	0.93
	Back	0.227	0.129	0.064	0.045	0.024	0.074		0.36	0.35	0.27	0.32
	Left side	0.259	0.354	0.177	0.272	0.142	0.140		0.61	0.67	0.53	0.58
	Right side	0.252	0.331	0.165	0.242	0.135		0.120	0.58	0.49	0.61	0.55
	Top side	0.053	0.001	0.001	0.001	0.001			0.05	0.05	0.05	0.06
	Bottom side	0.981	0.055	0.068	0.087	0.061			1.04	1.07	1.07	1.11
LTE Band 26 Ant 0	Front	0.090	0.136	0.068	0.109	0.061	0.088	0.027	0.23	0.29	0.23	0.22
	Back	0.980	0.129	0.064	0.045	0.024	0.074		1.11	1.10	1.03	1.07
	Left side	0.068	0.354	0.177	0.272	0.142	0.140		0.42	0.48	0.34	0.39
	Right side	0.728	0.331	0.165	0.242	0.135		0.120	1.06	0.97	1.09	1.03
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.861	0.055	0.068	0.087	0.061			0.92	0.95	0.95	0.99
LTE Band	Front	0.114	0.136	0.068	0.109	0.061	0.088	0.027	0.25	0.31	0.25	0.24



FCC SAR Test Report

Report No. : FA2D0913

26 Ant 1	Back	0.641	0.129	0.064	0.045	0.024	0.074		0.77	0.76	0.69	0.73
	Left side	0.303	0.354	0.177	0.272	0.142	0.140		0.66	0.72	0.58	0.62
	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.401	0.055	0.068	0.087	0.061			0.46	0.49	0.49	0.53
LTE Band 26 Ant 2	Front	0.245	0.136	0.068	0.109	0.061	0.088	0.027	0.38	0.44	0.38	0.37
	Back	0.124	0.129	0.064	0.045	0.024	0.074		0.25	0.24	0.17	0.21
	Left side	0.210	0.354	0.177	0.272	0.142	0.140		0.56	0.62	0.48	0.53
	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
LTE Band 30 Ant 0	Front	0.059	0.136	0.068	0.109	0.061	0.088	0.027	0.20	0.26	0.20	0.19
	Back	0.778	0.129	0.064	0.045	0.024	0.074		0.91	0.90	0.82	0.87
	Left side	0.001	0.354	0.177	0.272	0.142	0.140		0.36	0.41	0.27	0.32
	Right side	0.484	0.331	0.165	0.242	0.135		0.120	0.82	0.73	0.85	0.78
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
LTE Band 30 Ant 1	Bottom side	0.989	0.055	0.068	0.087	0.061			1.04	1.08	1.08	1.12
	Front	0.422	0.136	0.068	0.109	0.061	0.088	0.027	0.56	0.62	0.56	0.55
	Back	0.913	0.129	0.064	0.045	0.024	0.074		1.04	1.03	0.96	1.00
	Left side	0.399	0.354	0.177	0.272	0.142	0.140		0.75	0.81	0.67	0.72
	Right side	0.043	0.331	0.165	0.242	0.135		0.120	0.37	0.29	0.41	0.34
LTE Band 30 Ant 2	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.987	0.055	0.068	0.087	0.061			1.04	1.07	1.07	1.12
	Front	0.516	0.136	0.068	0.109	0.061	0.088	0.027	0.65	0.71	0.65	0.65
	Back	0.461	0.129	0.064	0.045	0.024	0.074		0.59	0.58	0.51	0.55
	Left side	0.197	0.354	0.177	0.272	0.142	0.140		0.55	0.61	0.47	0.52
LTE Band 30 Ant 3	Right side	0.044	0.331	0.165	0.242	0.135		0.120	0.38	0.29	0.41	0.34
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.972	0.055	0.068	0.087	0.061			1.03	1.06	1.06	1.10
	Front	0.949	0.136	0.068	0.109	0.061	0.088	0.027	1.09	1.15	1.09	1.08
	Back	0.211	0.129	0.064	0.045	0.024	0.074		0.34	0.33	0.26	0.30
LTE Band 66 Ant 0	Left side	0.222	0.354	0.177	0.272	0.142	0.140		0.58	0.63	0.49	0.54
	Right side	0.592	0.331	0.165	0.242	0.135		0.120	0.92	0.83	0.95	0.89
	Top side	0.066	0.001	0.001	0.001	0.001			0.07	0.07	0.07	0.07
	Bottom side	0.914	0.055	0.068	0.087	0.061			0.97	1.00	1.00	1.04
	Front	0.066	0.136	0.068	0.109	0.061	0.088	0.027	0.20	0.26	0.20	0.20
LTE Band 66 Ant 1	Back	0.979	0.129	0.064	0.045	0.024	0.074		1.11	1.10	1.02	1.07
	Left side	0.001	0.354	0.177	0.272	0.142	0.140		0.36	0.41	0.27	0.32
	Right side	0.218	0.331	0.165	0.242	0.135		0.120	0.55	0.46	0.58	0.52
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.861	0.055	0.068	0.087	0.061			0.92	0.95	0.95	0.99
LTE Band 66 Ant 2	Front	0.159	0.136	0.068	0.109	0.061	0.088	0.027	0.30	0.36	0.30	0.29
	Back	0.921	0.129	0.064	0.045	0.024	0.074		1.05	1.04	0.97	1.01
	Left side	0.305	0.354	0.177	0.272	0.142	0.140		0.66	0.72	0.58	0.62
	Right side	0.069	0.331	0.165	0.242	0.135		0.120	0.40	0.31	0.43	0.37
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
LTE Band 66 Ant 3	Bottom side	0.797	0.055	0.068	0.087	0.061			0.85	0.88	0.88	0.93
	Front	0.614	0.136	0.068	0.109	0.061	0.088	0.027	0.75	0.81	0.75	0.74
	Back	0.135	0.129	0.064	0.045	0.024	0.074		0.26	0.25	0.18	0.22
	Left side	0.475	0.354	0.177	0.272	0.142	0.140		0.83	0.89	0.75	0.79
	Right side	0.026	0.331	0.165	0.242	0.135		0.120	0.36	0.27	0.39	0.33
LTE Band 66 Ant 3	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.455	0.055	0.068	0.087	0.061			0.51	0.54	0.54	0.58
	Front	0.472	0.136	0.068	0.109	0.061	0.088	0.027	0.61	0.67	0.61	0.60
LTE Band 66 Ant 3	Back	0.188	0.129	0.064	0.045	0.024	0.074		0.32	0.31	0.23	0.28
	Left side	0.116	0.354	0.177	0.272	0.142	0.140		0.47	0.53	0.39	0.44



FCC SAR Test Report

Report No. : FA2D0913

	Right side	0.274	0.331	0.165	0.242	0.135		0.120	0.61	0.52	0.64	0.57
	Top side	0.081	0.001	0.001	0.001	0.001			0.08	0.08	0.08	0.08
	Bottom side	0.979	0.055	0.068	0.087	0.061			1.03	1.07	1.07	1.11
LTE Band 71 Ant 0	Front	0.066	0.136	0.068	0.109	0.061	0.088	0.027	0.20	0.26	0.20	0.20
	Back	0.588	0.129	0.064	0.045	0.024	0.074		0.72	0.71	0.63	0.68
	Left side	0.064	0.354	0.177	0.272	0.142	0.140		0.42	0.48	0.34	0.38
	Right side	0.405	0.331	0.165	0.242	0.135		0.120	0.74	0.65	0.77	0.71
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.584	0.055	0.068	0.087	0.061			0.64	0.67	0.67	0.71
LTE Band 71 Ant 1	Front	0.030	0.136	0.068	0.109	0.061	0.088	0.027	0.17	0.23	0.17	0.16
	Back	0.262	0.129	0.064	0.045	0.024	0.074		0.39	0.38	0.31	0.35
	Left side	0.107	0.354	0.177	0.272	0.142	0.140		0.46	0.52	0.38	0.43
	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.163	0.055	0.068	0.087	0.061			0.22	0.25	0.25	0.29
LTE Band 41 Ant 0	Front	0.065	0.136	0.068	0.109	0.061	0.088	0.027	0.20	0.26	0.20	0.19
	Back	0.937	0.129	0.064	0.045	0.024	0.074		1.07	1.06	0.98	1.03
	Left side	0.037	0.354	0.177	0.272	0.142	0.140		0.39	0.45	0.31	0.36
	Right side	0.682	0.331	0.165	0.242	0.135		0.120	1.01	0.92	1.04	0.98
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.942	0.055	0.068	0.087	0.061			1.00	1.03	1.03	1.07
LTE Band 41 Ant 1	Front	0.160	0.136	0.068	0.109	0.061	0.088	0.027	0.30	0.36	0.30	0.29
	Back	0.985	0.129	0.064	0.045	0.024	0.074		1.11	1.10	1.03	1.07
	Left side	0.241	0.354	0.177	0.272	0.142	0.140		0.60	0.65	0.51	0.56
	Right side	0.037	0.331	0.165	0.242	0.135		0.120	0.37	0.28	0.40	0.34
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.765	0.055	0.068	0.087	0.061			0.82	0.85	0.85	0.89
LTE Band 41 Ant 2	Front	0.591	0.136	0.068	0.109	0.061	0.088	0.027	0.73	0.79	0.73	0.72
	Back	0.340	0.129	0.064	0.045	0.024	0.074		0.47	0.46	0.39	0.43
	Left side	0.240	0.354	0.177	0.272	0.142	0.140		0.59	0.65	0.51	0.56
	Right side	0.017	0.331	0.165	0.242	0.135		0.120	0.35	0.26	0.38	0.32
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.975	0.055	0.068	0.087	0.061			1.03	1.06	1.06	1.10
LTE Band 41 Ant 3	Front	0.816	0.136	0.068	0.109	0.061	0.088	0.027	0.95	1.01	0.95	0.95
	Back	0.239	0.129	0.064	0.045	0.024	0.074		0.37	0.36	0.28	0.33
	Left side	0.079	0.354	0.177	0.272	0.142	0.140		0.43	0.49	0.35	0.40
	Right side	0.246	0.331	0.165	0.242	0.135		0.120	0.58	0.49	0.61	0.55
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.975	0.055	0.068	0.087	0.061			1.03	1.06	1.06	1.10
LTE Band 41_HPUE Ant 0	Front		0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back		0.129	0.064	0.045	0.024	0.074		0.13	0.12	0.05	0.09
	Left side		0.354	0.177	0.272	0.142	0.140		0.35	0.41	0.27	0.32
	Right side		0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.979	0.055	0.068	0.087	0.061			1.03	1.07	1.07	1.11
LTE Band 41_HPUE Ant 1	Front		0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back	0.894	0.129	0.064	0.045	0.024	0.074		1.02	1.01	0.94	0.98
	Left side		0.354	0.177	0.272	0.142	0.140		0.35	0.41	0.27	0.32
	Right side		0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side		0.055	0.068	0.087	0.061			0.06	0.09	0.09	0.13
LTE Band 41_HPUE Ant 2	Front		0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back		0.129	0.064	0.045	0.024	0.074		0.13	0.12	0.05	0.09
	Left side		0.354	0.177	0.272	0.142	0.140		0.35	0.41	0.27	0.32
	Right side		0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side		0.055	0.068	0.087	0.061			0.06	0.09	0.09	0.13



	Bottom side	1.017	0.055	0.068	0.087	0.061			1.07	1.10	1.10	1.15
LTE Band 41_HPUE Ant 3	Front		0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back		0.129	0.064	0.045	0.024	0.074		0.13	0.12	0.05	0.09
	Left side		0.354	0.177	0.272	0.142	0.140		0.35	0.41	0.27	0.32
	Right side		0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.978	0.055	0.068	0.087	0.061			1.03	1.07	1.07	1.11
LTE Band 48 Ant 0	Front	0.045	0.136	0.068	0.109	0.061	0.088	0.027	0.18	0.24	0.18	0.17
	Back	0.267	0.129	0.064	0.045	0.024	0.074		0.40	0.39	0.31	0.36
	Left side	0.083	0.354	0.177	0.272	0.142	0.140		0.44	0.50	0.36	0.40
	Right side	0.091	0.331	0.165	0.242	0.135		0.120	0.42	0.33	0.45	0.39
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.251	0.055	0.068	0.087	0.061			0.31	0.34	0.34	0.38
LTE Band 48 Ant 1	Front	0.084	0.136	0.068	0.109	0.061	0.088	0.027	0.22	0.28	0.22	0.21
	Back	0.467	0.129	0.064	0.045	0.024	0.074		0.60	0.59	0.51	0.56
	Left side	0.146	0.354	0.177	0.272	0.142	0.140		0.50	0.56	0.42	0.47
	Right side	0.047	0.331	0.165	0.242	0.135		0.120	0.38	0.29	0.41	0.35
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.816	0.055	0.068	0.087	0.061			0.87	0.90	0.90	0.95
LTE Band 48 Ant 2	Front	0.566	0.136	0.068	0.109	0.061	0.088	0.027	0.70	0.76	0.70	0.70
	Back	0.044	0.129	0.064	0.045	0.024	0.074		0.17	0.16	0.09	0.13
	Left side	0.082	0.354	0.177	0.272	0.142	0.140		0.44	0.49	0.35	0.40
	Right side	0.041	0.331	0.165	0.242	0.135		0.120	0.37	0.28	0.40	0.34
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.993	0.055	0.068	0.087	0.061			1.05	1.08	1.08	1.12
LTE Band 48 Ant 3	Front	0.369	0.136	0.068	0.109	0.061	0.088	0.027	0.51	0.57	0.51	0.50
	Back	0.019	0.129	0.064	0.045	0.024	0.074		0.15	0.14	0.06	0.11
	Left side	0.008	0.354	0.177	0.272	0.142	0.140		0.36	0.42	0.28	0.33
	Right side	0.064	0.331	0.165	0.242	0.135		0.120	0.40	0.31	0.43	0.36
	Top side	0.010	0.001	0.001	0.001	0.001			0.01	0.01	0.01	0.01
	Bottom side	1.005	0.055	0.068	0.087	0.061			1.06	1.09	1.09	1.13

WWAN Band	Exposure Position	1	2	3	4	5	6	7	1+2	1+4+6	1+4+7	1+3+5
		WWAN 1g SAR (W/kg)	WLAN2.4GHz Ant 5+4 WWAN +non DBS 1g SAR (W/kg)	WLAN2.4GHz Ant 5+4 WWAN +DBS 1g SAR (W/kg)	WLAN5GHz Ant 5+4 WWAN +non DBS 1g SAR (W/kg)	WLAN5GHz Ant 5+4 WWAN +DBS 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 5 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
FR1 n25 Ant 0	Front	0.419	0.136	0.068	0.109	0.061	0.088	0.027	0.56	0.62	0.56	0.55
	Back	0.241	0.129	0.064	0.045	0.024	0.074		0.37	0.36	0.29	0.33
	Left side	0.292	0.354	0.177	0.272	0.142	0.140		0.65	0.70	0.56	0.61
	Right side	0.427	0.331	0.165	0.242	0.135		0.120	0.76	0.67	0.79	0.73
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.849	0.055	0.068	0.087	0.061			0.90	0.94	0.94	0.98
FR1 n25 Ant 1	Front	0.620	0.136	0.068	0.109	0.061	0.088	0.027	0.76	0.82	0.76	0.75
	Back	0.970	0.129	0.064	0.045	0.024	0.074		1.10	1.09	1.02	1.06
	Left side	0.173	0.354	0.177	0.272	0.142	0.140		0.53	0.59	0.45	0.49
	Right side	0.661	0.331	0.165	0.242	0.135		0.120	0.99	0.90	1.02	0.96
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.981	0.055	0.068	0.087	0.061			1.04	1.07	1.07	1.11
FR1 n25 Ant 2	Front	0.901	0.136	0.068	0.109	0.061	0.088	0.027	1.04	1.10	1.04	1.03
	Back	0.307	0.129	0.064	0.045	0.024	0.074		0.44	0.43	0.35	0.40
	Left side	0.456	0.354	0.177	0.272	0.142	0.140		0.81	0.87	0.73	0.78
	Right side	0.077	0.331	0.165	0.242	0.135		0.120	0.41	0.32	0.44	0.38
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.992	0.055	0.068	0.087	0.061			1.05	1.08	1.08	1.12
FR1 n25	Front	0.930	0.136	0.068	0.109	0.061	0.088	0.027	1.07	1.13	1.07	1.06



Ant 3	Back	0.228	0.129	0.064	0.045	0.024	0.074		0.36	0.35	0.27	0.32
	Left side	0.216	0.354	0.177	0.272	0.142	0.140		0.57	0.63	0.49	0.54
	Right side	0.288	0.331	0.165	0.242	0.135		0.120	0.62	0.53	0.65	0.59
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.965	0.055	0.068	0.087	0.061			1.02	1.05	1.05	1.09
FR1 n26 Ant 0	Front	0.057	0.136	0.068	0.109	0.061	0.088	0.027	0.19	0.25	0.19	0.19
	Back	0.598	0.129	0.064	0.045	0.024	0.074		0.73	0.72	0.64	0.69
	Left side	0.062	0.354	0.177	0.272	0.142	0.140		0.42	0.47	0.33	0.38
	Right side	0.493	0.331	0.165	0.242	0.135		0.120	0.82	0.74	0.86	0.79
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
Bottom side	0.551	0.055	0.068	0.087	0.061			0.61	0.64	0.64	0.68	
FR1 n26 Ant 1	Front	0.077	0.136	0.068	0.109	0.061	0.088	0.027	0.21	0.27	0.21	0.21
	Back	0.386	0.129	0.064	0.045	0.024	0.074		0.52	0.51	0.43	0.47
	Left side	0.193	0.354	0.177	0.272	0.142	0.140		0.55	0.61	0.47	0.51
	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
Bottom side	0.199	0.055	0.068	0.087	0.061			0.25	0.29	0.29	0.33	
FR1 n5 Ant 2	Front	0.181	0.136	0.068	0.109	0.061	0.088	0.027	0.32	0.38	0.32	0.31
	Back	0.225	0.129	0.064	0.045	0.024	0.074		0.35	0.34	0.27	0.31
	Left side	0.143	0.354	0.177	0.272	0.142	0.140		0.50	0.56	0.42	0.46
	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
Bottom side	0.274	0.055	0.068	0.087	0.061			0.33	0.36	0.36	0.40	
FR1 n7 Ant 0	Front	0.094	0.136	0.068	0.109	0.061	0.088	0.027	0.23	0.29	0.23	0.22
	Back	0.739	0.129	0.064	0.045	0.024	0.074		0.87	0.86	0.78	0.83
	Left side	0.023	0.354	0.177	0.272	0.142	0.140		0.38	0.44	0.30	0.34
	Right side	0.421	0.331	0.165	0.242	0.135		0.120	0.75	0.66	0.78	0.72
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
Bottom side	0.981	0.055	0.068	0.087	0.061			1.04	1.07	1.07	1.11	
FR1 n7 Ant 1	Front	0.185	0.136	0.068	0.109	0.061	0.088	0.027	0.32	0.38	0.32	0.31
	Back	1.018	0.129	0.064	0.042	0.024	0.074		1.15	1.13	1.06	1.11
	Left side	0.205	0.354	0.177	0.244	0.137	0.140		0.56	0.59	0.45	0.52
	Right side	0.026	0.331	0.165	0.242	0.135		0.120	0.36	0.27	0.39	0.33
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
Bottom side	0.979	0.055	0.068	0.042	0.045			1.03	1.02	1.02	1.09	
FR1 n7 Ant 2	Front	0.636	0.136	0.068	0.109	0.061	0.088	0.027	0.77	0.83	0.77	0.77
	Back	0.211	0.129	0.064	0.045	0.024	0.074		0.34	0.33	0.26	0.30
	Left side	0.207	0.354	0.177	0.272	0.142	0.140		0.56	0.62	0.48	0.53
	Right side	0.015	0.331	0.165	0.242	0.135		0.120	0.35	0.26	0.38	0.32
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
Bottom side	0.976	0.055	0.068	0.087	0.061			1.03	1.06	1.06	1.11	
FR1 n7 Ant 3	Front	0.936	0.136	0.068	0.109	0.061	0.088	0.027	1.07	1.13	1.07	1.07
	Back	0.261	0.129	0.064	0.045	0.024	0.074		0.39	0.38	0.31	0.35
	Left side	0.125	0.354	0.177	0.272	0.142	0.140		0.48	0.54	0.40	0.44
	Right side	0.323	0.331	0.165	0.242	0.135		0.120	0.65	0.57	0.69	0.62
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
Bottom side	0.974	0.055	0.068	0.087	0.061			1.03	1.06	1.06	1.10	
FR1 n12 Ant 0	Front	0.001	0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back	0.106	0.129	0.064	0.045	0.024	0.074		0.24	0.23	0.15	0.19
	Left side	0.001	0.354	0.177	0.272	0.142	0.140		0.36	0.41	0.27	0.32
	Right side	0.060	0.331	0.165	0.242	0.135		0.120	0.39	0.30	0.42	0.36
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
Bottom side	0.093	0.055	0.068	0.087	0.061			0.15	0.18	0.18	0.22	
FR1 n12 Ant 1	Front	0.001	0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back	0.257	0.129	0.064	0.045	0.024	0.074		0.39	0.38	0.30	0.35
	Left side	0.177	0.354	0.177	0.272	0.142	0.140		0.53	0.59	0.45	0.50



	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.164	0.055	0.068	0.087	0.061			0.22	0.25	0.25	0.29
FR1 n13 Ant 0	Front	0.004	0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back	0.273	0.129	0.064	0.045	0.024	0.074		0.40	0.39	0.32	0.36
	Left side	0.004	0.354	0.177	0.272	0.142	0.140		0.36	0.42	0.28	0.32
	Right side	0.139	0.331	0.165	0.242	0.135		0.120	0.47	0.38	0.50	0.44
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.263	0.055	0.068	0.087	0.061			0.32	0.35	0.35	0.39
FR1 n13 Ant 1	Front	0.001	0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back	0.162	0.129	0.064	0.045	0.024	0.074		0.29	0.28	0.21	0.25
	Left side	0.111	0.354	0.177	0.272	0.142	0.140		0.47	0.52	0.38	0.43
	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.098	0.055	0.068	0.087	0.061			0.15	0.19	0.19	0.23
FR1 n14 Ant 0	Front	0.001	0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back	0.529	0.129	0.064	0.045	0.024	0.074		0.66	0.65	0.57	0.62
	Left side	0.001	0.354	0.177	0.272	0.142	0.140		0.36	0.41	0.27	0.32
	Right side	0.364	0.331	0.165	0.242	0.135		0.120	0.70	0.61	0.73	0.66
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.381	0.055	0.068	0.087	0.061			0.44	0.47	0.47	0.51
FR1 n14 Ant 1	Front	0.001	0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back	0.171	0.129	0.064	0.045	0.024	0.074		0.30	0.29	0.22	0.26
	Left side	0.114	0.354	0.177	0.272	0.142	0.140		0.47	0.53	0.39	0.43
	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.104	0.055	0.068	0.087	0.061			0.16	0.19	0.19	0.23
FR1 n30 Ant 0	Front	0.059	0.136	0.068	0.109	0.061	0.088	0.027	0.20	0.26	0.20	0.19
	Back	0.751	0.129	0.064	0.045	0.024	0.074		0.88	0.87	0.80	0.84
	Left side	0.038	0.354	0.177	0.272	0.142	0.140		0.39	0.45	0.31	0.36
	Right side	0.602	0.331	0.165	0.242	0.135		0.120	0.93	0.84	0.96	0.90
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.990	0.055	0.068	0.087	0.061			1.05	1.08	1.08	1.12
FR1 n30 Ant 1	Front	0.089	0.136	0.068	0.109	0.061	0.088	0.027	0.23	0.29	0.23	0.22
	Back	0.825	0.129	0.064	0.045	0.024	0.074		0.95	0.94	0.87	0.91
	Left side	0.267	0.354	0.177	0.272	0.142	0.140		0.62	0.68	0.54	0.59
	Right side	0.060	0.331	0.165	0.242	0.135		0.120	0.39	0.30	0.42	0.36
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.980	0.055	0.068	0.087	0.061			1.04	1.07	1.07	1.11
FR1 n30 Ant 2	Front	0.529	0.136	0.068	0.109	0.061	0.088	0.027	0.67	0.73	0.67	0.66
	Back	0.264	0.129	0.064	0.045	0.024	0.074		0.39	0.38	0.31	0.35
	Left side	0.198	0.354	0.177	0.272	0.142	0.140		0.55	0.61	0.47	0.52
	Right side	0.030	0.331	0.165	0.242	0.135		0.120	0.36	0.27	0.39	0.33
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.990	0.055	0.068	0.087	0.061			1.05	1.08	1.08	1.12
FR1 n30 Ant 3	Front	0.993	0.136	0.068	0.109	0.061	0.088	0.027	1.13	1.19	1.13	1.12
	Back	0.228	0.129	0.064	0.045	0.024	0.074		0.36	0.35	0.27	0.32
	Left side	0.177	0.354	0.177	0.272	0.142	0.140		0.53	0.59	0.45	0.50
	Right side	0.980	0.331	0.165	0.242	0.135		0.120	1.31	1.22	1.34	1.28
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.496	0.055	0.068	0.087	0.061			0.55	0.58	0.58	0.63
FR1 n66 Ant 0	Front	0.073	0.136	0.068	0.109	0.061	0.088	0.027	0.21	0.27	0.21	0.20
	Back	0.895	0.129	0.064	0.045	0.024	0.074		1.02	1.01	0.94	0.98
	Left side	0.001	0.354	0.177	0.272	0.142	0.140		0.36	0.41	0.27	0.32
	Right side	0.259	0.331	0.165	0.242	0.135		0.120	0.59	0.50	0.62	0.56
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00

FR1 n66 Ant 1	Bottom side	0.978	0.055	0.068	0.087	0.061			1.03	1.07	1.07	1.11
	Front	0.116	0.136	0.068	0.109	0.061	0.088	0.027	0.25	0.31	0.25	0.25
	Back	0.964	0.129	0.064	0.045	0.024	0.074		1.09	1.08	1.01	1.05
	Left side	0.280	0.354	0.177	0.272	0.142	0.140		0.63	0.69	0.55	0.60
	Right side	0.065	0.331	0.165	0.242	0.135		0.120	0.40	0.31	0.43	0.37
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
FR1 n66 Ant 2	Bottom side	0.665	0.055	0.068	0.087	0.061			0.72	0.75	0.75	0.79
	Front	0.651	0.136	0.068	0.109	0.061	0.088	0.027	0.79	0.85	0.79	0.78
	Back	0.636	0.129	0.064	0.045	0.024	0.074		0.77	0.76	0.68	0.72
	Left side	0.216	0.354	0.177	0.272	0.142	0.140		0.57	0.63	0.49	0.54
	Right side	0.051	0.331	0.165	0.242	0.135		0.120	0.38	0.29	0.41	0.35
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
FR1 n66 Ant 3	Bottom side	0.992	0.055	0.068	0.087	0.061			1.05	1.08	1.08	1.12
	Front	0.679	0.136	0.068	0.109	0.061	0.088	0.027	0.82	0.88	0.82	0.81
	Back	0.339	0.129	0.064	0.045	0.024	0.074		0.47	0.46	0.38	0.43
	Left side	0.175	0.354	0.177	0.272	0.142	0.140		0.53	0.59	0.45	0.49
	Right side	0.536	0.331	0.165	0.242	0.135		0.120	0.87	0.78	0.90	0.84
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
FR1 n70 Ant 0	Bottom side	0.972	0.055	0.068	0.087	0.061			1.03	1.06	1.06	1.10
	Front	0.001	0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back	0.402	0.129	0.064	0.045	0.024	0.074		0.53	0.52	0.45	0.49
	Left side	0.001	0.354	0.177	0.272	0.142	0.140		0.36	0.41	0.27	0.32
	Right side	0.123	0.331	0.165	0.242	0.135		0.120	0.45	0.37	0.49	0.42
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
FR1 n70 Ant 1	Bottom side	0.350	0.055	0.068	0.087	0.061			0.41	0.44	0.44	0.48
	Front	0.164	0.136	0.068	0.109	0.061	0.088	0.027	0.30	0.36	0.30	0.29
	Back	0.864	0.129	0.064	0.045	0.024	0.074		0.99	0.98	0.91	0.95
	Left side	0.341	0.354	0.177	0.272	0.142	0.140		0.70	0.75	0.61	0.66
	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
FR1 n70 Ant 2	Bottom side	0.982	0.055	0.068	0.087	0.061			1.04	1.07	1.07	1.11
	Front	0.572	0.136	0.068	0.109	0.061	0.088	0.027	0.71	0.77	0.71	0.70
	Back	0.446	0.129	0.064	0.045	0.024	0.074		0.58	0.57	0.49	0.53
	Left side	0.245	0.354	0.177	0.272	0.142	0.140		0.60	0.66	0.52	0.56
	Right side	0.014	0.331	0.165	0.242	0.135		0.120	0.35	0.26	0.38	0.31
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
FR1 n70 Ant 3	Bottom side	0.989	0.055	0.068	0.087	0.061			1.04	1.08	1.08	1.12
	Front	0.676	0.136	0.068	0.109	0.061	0.088	0.027	0.81	0.87	0.81	0.81
	Back	0.404	0.129	0.064	0.045	0.024	0.074		0.53	0.52	0.45	0.49
	Left side	0.168	0.354	0.177	0.272	0.142	0.140		0.52	0.58	0.44	0.49
	Right side	0.633	0.331	0.165	0.242	0.135		0.120	0.96	0.88	1.00	0.93
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
FR1 n71 Ant 0	Bottom side	0.973	0.055	0.068	0.087	0.061			1.03	1.06	1.06	1.10
	Front	0.001	0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back	0.220	0.129	0.064	0.045	0.024	0.074		0.35	0.34	0.27	0.31
	Left side	0.001	0.354	0.177	0.272	0.142	0.140		0.36	0.41	0.27	0.32
	Right side	0.110	0.331	0.165	0.242	0.135		0.120	0.44	0.35	0.47	0.41
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
FR1 n71 Ant 1	Bottom side	0.127	0.055	0.068	0.087	0.061			0.18	0.21	0.21	0.26
	Front	0.001	0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back	0.268	0.129	0.064	0.045	0.024	0.074		0.40	0.39	0.31	0.36
	Left side	0.079	0.354	0.177	0.272	0.142	0.140		0.43	0.49	0.35	0.40
	Right side	0.001	0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00



WWAN Band	Exposure Position	1	2	3	4	5	6	7	1+2	1+4+6	1+4+7	1+3+5
		WWAN	WLAN2.4GHz Ant 5+4 WWAN +non DBS	WLAN2.4GHz Ant 5+4 WWAN +DBS	WLAN5GHz Ant 5+4 WWAN +non DBS	WLAN5GHz Ant 5+4 WWAN +DBS	Bluetooth Ant 4	Bluetooth Ant 5	Summed	Summed	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)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
FR1 n41 Ant 0	Front	0.063	0.136	0.068	0.109	0.061	0.088	0.027	0.20	0.26	0.20	0.19
	Back	0.827	0.129	0.064	0.045	0.024	0.074		0.96	0.95	0.87	0.92
	Left side	0.028	0.354	0.177	0.272	0.142	0.140		0.38	0.44	0.30	0.35
	Right side	0.625	0.331	0.165	0.242	0.135		0.120	0.96	0.87	0.99	0.93
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.880	0.055	0.068	0.087	0.061			0.94	0.97	0.97	1.01
FR1 n41 Ant 1	Front	0.216	0.136	0.068	0.109	0.061	0.088	0.027	0.35	0.41	0.35	0.35
	Back	0.715	0.129	0.064	0.045	0.024	0.074		0.84	0.83	0.76	0.80
	Left side	0.228	0.354	0.177	0.272	0.142	0.140		0.58	0.64	0.50	0.55
	Right side	0.029	0.331	0.165	0.242	0.135		0.120	0.36	0.27	0.39	0.33
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.972	0.055	0.068	0.087	0.061			1.03	1.06	1.06	1.10
FR1 n41 Ant 2	Front	0.573	0.136	0.068	0.109	0.061	0.088	0.027	0.71	0.77	0.71	0.70
	Back	0.293	0.129	0.064	0.045	0.024	0.074		0.42	0.41	0.34	0.38
	Left side	0.225	0.354	0.177	0.272	0.142	0.140		0.58	0.64	0.50	0.54
	Right side	0.022	0.331	0.165	0.242	0.135		0.120	0.35	0.26	0.38	0.32
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.905	0.055	0.068	0.087	0.061			0.96	0.99	0.99	1.03
FR1 n41 Ant 3	Front	0.784	0.136	0.068	0.109	0.061	0.088	0.027	0.92	0.98	0.92	0.91
	Back	0.212	0.129	0.064	0.045	0.024	0.074		0.34	0.33	0.26	0.30
	Left side	0.088	0.354	0.177	0.272	0.142	0.140		0.44	0.50	0.36	0.41
	Right side	0.284	0.331	0.165	0.242	0.135		0.120	0.62	0.53	0.65	0.58
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.974	0.055	0.068	0.087	0.061			1.03	1.06	1.06	1.10
FR1 n41_HPUE Ant 0	Front		0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back		0.129	0.064	0.045	0.024	0.074		0.13	0.12	0.05	0.09
	Left side		0.354	0.177	0.272	0.142	0.140		0.35	0.41	0.27	0.32
	Right side		0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.959	0.055	0.068	0.087	0.061			1.01	1.05	1.05	1.09
FR1 n41_HPUE Ant 1	Front		0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back		0.129	0.064	0.045	0.024	0.074		0.13	0.12	0.05	0.09
	Left side		0.354	0.177	0.272	0.142	0.140		0.35	0.41	0.27	0.32
	Right side		0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.902	0.055	0.068	0.087	0.061			0.96	0.99	0.99	1.03
FR1 n41_HPUE Ant 2	Front		0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back		0.129	0.064	0.045	0.024	0.074		0.13	0.12	0.05	0.09
	Left side		0.354	0.177	0.272	0.142	0.140		0.35	0.41	0.27	0.32
	Right side		0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.977	0.055	0.068	0.087	0.061			1.03	1.06	1.06	1.11
FR1 n41_HPUE Ant 3	Front		0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back		0.129	0.064	0.045	0.024	0.074		0.13	0.12	0.05	0.09
	Left side		0.354	0.177	0.272	0.142	0.140		0.35	0.41	0.27	0.32
	Right side		0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	1.017	0.055	0.068	0.087	0.061			1.07	1.10	1.10	1.15
FR1 n48 Ant 0	Front	0.046	0.136	0.068	0.109	0.061	0.088	0.027	0.18	0.24	0.18	0.18
	Back	0.295	0.129	0.064	0.045	0.024	0.074		0.42	0.41	0.34	0.38



	Left side	0.068	0.354	0.177	0.272	0.142	0.140		0.42	0.48	0.34	0.39
	Right side	0.109	0.331	0.165	0.242	0.135		0.120	0.44	0.35	0.47	0.41
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.395	0.055	0.068	0.087	0.061			0.45	0.48	0.48	0.52
FR1 n48 Ant 1	Front	0.038	0.136	0.068	0.109	0.061	0.088	0.027	0.17	0.24	0.17	0.17
	Back	0.267	0.129	0.064	0.045	0.024	0.074		0.40	0.39	0.31	0.36
	Left side	0.095	0.354	0.177	0.272	0.142	0.140		0.45	0.51	0.37	0.41
	Right side	0.073	0.331	0.165	0.242	0.135		0.120	0.40	0.32	0.44	0.37
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
Bottom side	0.484	0.055	0.068	0.087	0.061			0.54	0.57	0.57	0.61	
FR1 n48 Ant 2	Front	0.564	0.136	0.068	0.109	0.061	0.088	0.027	0.70	0.76	0.70	0.69
	Back	0.039	0.129	0.064	0.045	0.024	0.074		0.17	0.16	0.08	0.13
	Left side	0.096	0.354	0.177	0.272	0.142	0.140		0.45	0.51	0.37	0.42
	Right side	0.034	0.331	0.165	0.242	0.135		0.120	0.37	0.28	0.40	0.33
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
Bottom side	0.974	0.055	0.068	0.087	0.061			1.03	1.06	1.06	1.10	
FR1 n48 Ant 3	Front	0.416	0.136	0.068	0.109	0.061	0.088	0.027	0.55	0.61	0.55	0.55
	Back	0.026	0.129	0.064	0.045	0.024	0.074		0.16	0.15	0.07	0.11
	Left side	0.007	0.354	0.177	0.272	0.142	0.140		0.36	0.42	0.28	0.33
	Right side	0.084	0.331	0.165	0.242	0.135		0.120	0.42	0.33	0.45	0.38
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
Bottom side	1.003	0.055	0.068	0.087	0.061			1.06	1.09	1.09	1.13	
FR1 n77_Part270 Ant 0	Front	0.333	0.136	0.068	0.109	0.061	0.088	0.027	0.47	0.53	0.47	0.46
	Back	0.653	0.129	0.064	0.045	0.024	0.074		0.78	0.77	0.70	0.74
	Left side	0.145	0.354	0.177	0.272	0.142	0.140		0.50	0.56	0.42	0.46
	Right side	0.115	0.331	0.165	0.242	0.135		0.120	0.45	0.36	0.48	0.42
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
Bottom side	0.565	0.055	0.068	0.087	0.061			0.62	0.65	0.65	0.69	
FR1 n77_Part27Q Ant 0	Front	0.105	0.136	0.068	0.109	0.061	0.088	0.027	0.24	0.30	0.24	0.23
	Back	0.838	0.129	0.064	0.045	0.024	0.074		0.97	0.96	0.88	0.93
	Left side	0.045	0.354	0.177	0.272	0.142	0.140		0.40	0.46	0.32	0.36
	Right side	0.102	0.331	0.165	0.242	0.135		0.120	0.43	0.34	0.46	0.40
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
Bottom side	0.759	0.055	0.068	0.087	0.061			0.81	0.85	0.85	0.89	
FR1 n77_Part270 Ant 1	Front	0.155	0.136	0.068	0.109	0.061	0.088	0.027	0.29	0.35	0.29	0.28
	Back	0.713	0.129	0.064	0.045	0.024	0.074		0.84	0.83	0.76	0.80
	Left side	0.162	0.354	0.177	0.272	0.142	0.140		0.52	0.57	0.43	0.48
	Right side	0.131	0.331	0.165	0.242	0.135		0.120	0.46	0.37	0.49	0.43
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
Bottom side	0.986	0.055	0.068	0.087	0.061			1.04	1.07	1.07	1.12	
FR1 n77_Part27Q Ant 1	Front	0.175	0.136	0.068	0.109	0.061	0.088	0.027	0.31	0.37	0.31	0.30
	Back	0.750	0.129	0.064	0.045	0.024	0.074		0.88	0.87	0.80	0.84
	Left side	0.226	0.354	0.177	0.272	0.142	0.140		0.58	0.64	0.50	0.55
	Right side	0.190	0.331	0.165	0.242	0.135		0.120	0.52	0.43	0.55	0.49
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
Bottom side	0.864	0.055	0.068	0.087	0.061			0.92	0.95	0.95	0.99	
FR1 n77_Part270 Ant 2	Front	0.556	0.136	0.068	0.109	0.061	0.088	0.027	0.69	0.75	0.69	0.69
	Back	0.070	0.129	0.064	0.045	0.024	0.074		0.20	0.19	0.12	0.16
	Left side	0.147	0.354	0.177	0.272	0.142	0.140		0.50	0.56	0.42	0.47
	Right side	0.038	0.331	0.165	0.242	0.135		0.120	0.37	0.28	0.40	0.34
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
Bottom side	0.939	0.055	0.068	0.087	0.061			0.99	1.03	1.03	1.07	
FR1 n77_Part27Q Ant 2	Front	0.513	0.136	0.068	0.109	0.061	0.088	0.027	0.65	0.71	0.65	0.64
	Back	0.045	0.129	0.064	0.045	0.024	0.074		0.17	0.16	0.09	0.13
	Left side	0.086	0.354	0.177	0.272	0.142	0.140		0.44	0.50	0.36	0.41
	Right side	0.040	0.331	0.165	0.242	0.135		0.120	0.37	0.28	0.40	0.34



	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.889	0.055	0.068	0.087	0.061			0.94	0.98	0.98	1.02
FR1 n77_Part27O Ant 3	Front	0.448	0.136	0.068	0.109	0.061	0.088	0.027	0.58	0.65	0.58	0.58
	Back	0.032	0.129	0.064	0.045	0.024	0.074		0.16	0.15	0.08	0.12
	Left side	0.016	0.354	0.177	0.272	0.142	0.140		0.37	0.43	0.29	0.34
	Right side	0.158	0.331	0.165	0.242	0.135		0.120	0.49	0.40	0.52	0.46
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.947	0.055	0.068	0.087	0.061			1.00	1.03	1.03	1.08
FR1 n77_Part27Q Ant 3	Front	0.276	0.136	0.068	0.109	0.061	0.088	0.027	0.41	0.47	0.41	0.41
	Back	0.025	0.129	0.064	0.045	0.024	0.074		0.15	0.14	0.07	0.11
	Left side	0.015	0.354	0.177	0.272	0.142	0.140		0.37	0.43	0.29	0.33
	Right side	0.079	0.331	0.165	0.242	0.135		0.120	0.41	0.32	0.44	0.38
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.679	0.055	0.068	0.087	0.061			0.73	0.77	0.77	0.81
FR1 n77_Part27Q_PC2 Ant 0	Front		0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back	0.775	0.129	0.064	0.045	0.024	0.074		0.90	0.89	0.82	0.86
	Left side		0.354	0.177	0.272	0.142	0.140		0.35	0.41	0.27	0.32
	Right side		0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side		0.055	0.068	0.087	0.061			0.06	0.09	0.09	0.13
FR1 n77_Part27Q_PC2 Ant 0	Front		0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back	0.775	0.129	0.064	0.045	0.024	0.074		0.90	0.89	0.82	0.86
	Left side		0.354	0.177	0.272	0.142	0.140		0.35	0.41	0.27	0.32
	Right side		0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side		0.055	0.068	0.087	0.061			0.06	0.09	0.09	0.13
FR1 n77_Part27Q_PC2 Ant 1	Front		0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back		0.129	0.064	0.045	0.024	0.074		0.13	0.12	0.05	0.09
	Left side		0.354	0.177	0.272	0.142	0.140		0.35	0.41	0.27	0.32
	Right side		0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.911	0.055	0.068	0.087	0.061			0.97	1.00	1.00	1.04
FR1 n77_Part27Q_PC2 Ant 1	Front		0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back		0.129	0.064	0.045	0.024	0.074		0.13	0.12	0.05	0.09
	Left side		0.354	0.177	0.272	0.142	0.140		0.35	0.41	0.27	0.32
	Right side		0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.911	0.055	0.068	0.087	0.061			0.97	1.00	1.00	1.04
FR1 n77_Part27Q_PC2 Ant 2	Front		0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back		0.129	0.064	0.045	0.024	0.074		0.13	0.12	0.05	0.09
	Left side		0.354	0.177	0.272	0.142	0.140		0.35	0.41	0.27	0.32
	Right side		0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.862	0.055	0.068	0.087	0.061			0.92	0.95	0.95	0.99
FR1 n77_Part27Q_PC2 Ant 2	Front		0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back		0.129	0.064	0.045	0.024	0.074		0.13	0.12	0.05	0.09
	Left side		0.354	0.177	0.272	0.142	0.140		0.35	0.41	0.27	0.32
	Right side		0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.862	0.055	0.068	0.087	0.061			0.92	0.95	0.95	0.99
FR1 n77_Part27Q_PC2 Ant 3	Front		0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back		0.129	0.064	0.045	0.024	0.074		0.13	0.12	0.05	0.09
	Left side		0.354	0.177	0.272	0.142	0.140		0.35	0.41	0.27	0.32
	Right side		0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.722	0.055	0.068	0.087	0.061			0.78	0.81	0.81	0.85



FCC SAR Test Report

Report No. : FA2D0913

FR1 n77_Part27Q_PC2 Ant 3	Front		0.136	0.068	0.109	0.061	0.088	0.027	0.14	0.20	0.14	0.13
	Back		0.129	0.064	0.045	0.024	0.074		0.13	0.12	0.05	0.09
	Left side		0.354	0.177	0.272	0.142	0.140		0.35	0.41	0.27	0.32
	Right side		0.331	0.165	0.242	0.135		0.120	0.33	0.24	0.36	0.30
	Top side		0.001	0.001	0.001	0.001			0.00	0.00	0.00	0.00
	Bottom side	0.722	0.055	0.068	0.087	0.061			0.78	0.81	0.81	0.85



17.4 Body-Worn Accessory Exposure Conditions

<Flip open>

Table with columns for WWAN Band, Exposure Position, and SAR values for various frequency bands (WLAN, Bluetooth, WWAN) and antenna configurations (Ant 0, Ant 1, Ant 2, Ant 3, Ant 4, Ant 5).



FCC SAR Test Report

Report No. : FA2D0913

Table with columns: LTE Band, Ant, Exposure Position, and 20 SAR (W/kg) values. Rows include LTE Bands 41 and 48 with various antenna configurations.

Table with columns: WWAN Band, Exposure Position, 1g SAR (W/kg) for various frequency bands (WLAN, Bluetooth, WWAN), and 20 Summed SAR (W/kg) values. Rows include FR1 bands n25, n26, n5, n7, n12, n13, n14.



FCC SAR Test Report

Report No. : FA2D0913

FR1 n77 Part27O Ant 0	Front	0.291	0.687	0.343	0.187	0.772	0.295	0.181	0.091	0.053	0.125	0.63	0.68	0.64	0.51	0.47	0.66	0.60	1.46	0.81
	Back	0.449	0.566	0.267	0.137	0.435	0.256	0.119	0.075	0.047	0.196	0.72	0.78	0.75	0.72	0.69	0.71	0.78	1.00	0.76
FR1 n77 Part27Q Ant 0	Front	0.611	0.687	0.343	0.187	0.772	0.295	0.181	0.091	0.053	0.125	0.95	1.00	0.96	0.83	0.79	0.98	0.92	1.46	0.81
	Back	0.669	0.566	0.267	0.137	0.435	0.256	0.119	0.075	0.047	0.196	0.94	1.00	0.97	0.94	0.91	0.93	1.00	1.00	0.76
FR1 n77 Part27O Ant 1	Front	0.327	0.687	0.343	0.187	0.772	0.295	0.181	0.091	0.053	0.125	0.67	0.71	0.68	0.54	0.51	0.70	0.64	1.46	0.81
	Back	0.604	0.566	0.267	0.137	0.435	0.256	0.119	0.075	0.047	0.196	0.87	0.94	0.91	0.88	0.85	0.86	0.94	1.00	0.76
FR1 n77 Part27O Ant 1	Front	0.424	0.687	0.343	0.187	0.772	0.295	0.181	0.091	0.053	0.125	0.77	0.81	0.77	0.64	0.60	0.79	0.74	1.46	0.81
	Back	0.635	0.566	0.267	0.137	0.435	0.256	0.119	0.075	0.047	0.196	0.90	0.97	0.94	0.91	0.88	0.89	0.97	1.00	0.76
FR1 n77 Part27O Ant 2	Front	0.440	0.687	0.343	0.187	0.772	0.295	0.181	0.091	0.053	0.125	0.78	0.83	0.79	0.66	0.62	0.81	0.75	1.46	0.81
	Back	0.440	0.566	0.267	0.137	0.435	0.256	0.119	0.075	0.047	0.196	0.71	0.77	0.74	0.71	0.68	0.70	0.77	1.00	0.76
FR1 n77 Part27O Ant 2	Front	0.425	0.687	0.343	0.187	0.772	0.295	0.181	0.091	0.053	0.125	0.77	0.81	0.77	0.64	0.60	0.79	0.74	1.46	0.81
	Back	0.425	0.566	0.267	0.137	0.435	0.256	0.119	0.075	0.047	0.196	0.69	0.76	0.73	0.70	0.67	0.68	0.76	1.00	0.76
FR1 n77 Part27O Ant 3	Front	0.365	0.687	0.343	0.187	0.772	0.295	0.181	0.091	0.053	0.125	0.71	0.75	0.71	0.58	0.54	0.73	0.68	1.46	0.81
	Back	0.365	0.566	0.267	0.137	0.435	0.256	0.119	0.075	0.047	0.196	0.63	0.70	0.67	0.64	0.61	0.62	0.70	1.00	0.76
FR1 n77 Part27Q Ant 3	Front	0.242	0.687	0.343	0.187	0.772	0.295	0.181	0.091	0.053	0.125	0.59	0.63	0.59	0.46	0.42	0.61	0.55	1.46	0.81
	Back	0.242	0.566	0.267	0.137	0.435	0.256	0.119	0.075	0.047	0.196	0.51	0.57	0.55	0.51	0.49	0.50	0.58	1.00	0.76
FR1 n77 Part27O pc2 Ant 0	Front	0.442	0.687	0.343	0.187	0.772	0.295	0.181	0.091	0.053	0.125	0.79	0.83	0.79	0.66	0.62	0.81	0.75	1.46	0.81
	Back	0.639	0.566	0.267	0.137	0.435	0.256	0.119	0.075	0.047	0.196	0.27	0.33	0.30	0.27	0.24	0.26	0.33	1.00	0.76
FR1 n77 Part27Q pc2 Ant 0	Front	0.639	0.687	0.343	0.187	0.772	0.295	0.181	0.091	0.053	0.125	0.34	0.39	0.35	0.22	0.18	0.37	0.31	1.46	0.81
	Back	0.544	0.566	0.267	0.137	0.435	0.256	0.119	0.075	0.047	0.196	0.81	0.88	0.85	0.82	0.79	0.80	0.88	1.00	0.76
FR1 n77 Part27Q pc2 Ant 1	Front	0.681	0.687	0.343	0.187	0.772	0.295	0.181	0.091	0.053	0.125	0.34	0.39	0.35	0.22	0.18	0.37	0.31	1.46	0.81
	Back	0.441	0.566	0.267	0.137	0.435	0.256	0.119	0.075	0.047	0.196	0.71	0.77	0.74	0.71	0.68	0.70	0.77	1.00	0.76
FR1 n77 Part27O pc2 Ant 2	Front	0.425	0.687	0.343	0.187	0.772	0.295	0.181	0.091	0.053	0.125	0.34	0.39	0.35	0.22	0.18	0.37	0.31	1.46	0.81
	Back	0.425	0.566	0.267	0.137	0.435	0.256	0.119	0.075	0.047	0.196	0.69	0.76	0.73	0.70	0.67	0.68	0.76	1.00	0.76
FR1 n77 Part27O pc2 Ant 3	Front	0.379	0.687	0.343	0.187	0.772	0.295	0.181	0.091	0.053	0.125	0.34	0.39	0.35	0.22	0.18	0.37	0.31	1.46	0.81
	Back	0.268	0.566	0.267	0.137	0.435	0.256	0.119	0.075	0.047	0.196	0.54	0.60	0.57	0.54	0.51	0.52	0.60	1.00	0.76



FCC SAR Test Report

Report No. : FA2D0913

Part27Q pc2 Ant 0	Back	0.775	0.355	0.171	0.087	0.240	0.117	0.056	0.080	0.001	0.068	0.95	0.97	0.89	0.92	0.84	0.92	0.93	0.60	0.42
FR1 n77 Part27Q pc2 Ant 1	Front		0.409	0.200	0.102	0.371	0.185	0.099	0.088	0.027	0.220	0.20	0.27	0.21	0.31	0.25	0.20	0.32	0.78	0.63
	Back	0.683	0.355	0.171	0.087	0.240	0.117	0.056	0.080	0.001	0.068	0.85	0.88	0.80	0.83	0.75	0.83	0.84	0.60	0.42
FR1 n77 Part27Q pc2 Ant 1	Front		0.409	0.200	0.102	0.371	0.185	0.099	0.088	0.027	0.220	0.20	0.27	0.21	0.31	0.25	0.20	0.32	0.78	0.63
	Back	0.963	0.355	0.171	0.087	0.240	0.117	0.056	0.080	0.001	0.068	1.13	1.16	1.08	1.11	1.03	1.11	1.12	0.60	0.42
FR1 n77 Part27Q pc2 Ant 2	Front	0.580	0.409	0.200	0.102	0.371	0.185	0.099	0.088	0.027	0.220	0.78	0.85	0.79	0.89	0.83	0.78	0.90	0.78	0.63
	Back		0.355	0.171	0.087	0.240	0.117	0.056	0.080	0.001	0.068	0.17	0.20	0.12	0.15	0.07	0.14	0.16	0.60	0.42
	Front with Headset	0.580										0.58	0.58	0.58	0.58	0.58	0.58	0.58		
FR1 n77 Part27Q pc2 Ant 2	Front	0.525	0.409	0.200	0.102	0.371	0.185	0.099	0.088	0.027	0.220	0.73	0.80	0.74	0.83	0.77	0.73	0.85	0.78	0.63
	Back		0.355	0.171	0.087	0.240	0.117	0.056	0.080	0.001	0.068	0.17	0.20	0.12	0.15	0.07	0.14	0.16	0.60	0.42
FR1 n77 Part27Q pc2 Ant 3	Front	0.412	0.409	0.200	0.102	0.371	0.185	0.099	0.088	0.027	0.220	0.61	0.69	0.62	0.72	0.66	0.61	0.73	0.78	0.63
	Back		0.355	0.171	0.087	0.240	0.117	0.056	0.080	0.001	0.068	0.17	0.20	0.12	0.15	0.07	0.14	0.16	0.60	0.42
FR1 n77 Part27Q pc2 Ant 3	Front		0.409	0.200	0.102	0.371	0.185	0.099	0.088	0.027	0.220	0.20	0.27	0.21	0.31	0.25	0.20	0.32	0.78	0.63
	Back	0.268	0.355	0.171	0.087	0.240	0.117	0.056	0.080	0.001	0.068	0.44	0.47	0.39	0.42	0.34	0.41	0.42	0.60	0.42

<Sensor Off>

WWAN Band	Exposure Position	1	2	3	4	5	1+2+4	1+3+5
		WWAN	WLAN2.4GHz Ant 5+4 Open	WLAN2.4GHz Ant 5+4 Close	WLAN5GHz Ant 5+4 Open	WLAN5GHz Ant 5+4 Close	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 Open	Front	0.749	0.447		0.286		1.48	
	Back	0.703	0.397		0.217		1.32	
All Bands Close	Front	0.758		0.414		0.156		1.33
	Back	0.909		0.286		0.110		1.31



17.5 Product specific 10g SAR Exposure Conditions

Remark:

- 1. 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.

<Flip open>

Table with columns: WWAN Band, Exposure Position, 1, 2, 3, 4, 5, 6, 7, 8, 1+3, 1+6, 1+8, 1+4+7, 1+4+8, 2+5, 2+8. Rows include WCDMA II Ant 0, WCDMA II Ant 2, WCDMA II Ant 3, WCDMA IV Ant 1, WCDMA IV Ant 3, LTE Band 7 Ant 0, LTE Band 7 Ant 1, and LTE Band 7 Ant 2.



	Bottom side									0.00	0.00	0.00	0.00	0.00	0.00	0.00
FR1 n30 Ant 0	Front		1.152	0.522	0.248	1.192	0.684	0.340	0.328	0.52	0.68	0.33	0.59	0.58	2.34	1.48
	Back	2.661				0.639	0.314	0.157	0.341	2.66	2.98	3.00	2.82	3.00	0.64	0.34
	Left side		0.943	0.428	0.204	1.436	0.771	0.366	0.453	0.43	0.77	0.45	0.57	0.66	2.38	1.40
	Right side		1.685	0.763	0.364	1.369	0.785	0.390	0.575	0.76	0.79	0.58	0.75	0.94	3.05	2.26
	Top side					0.429	0.206	0.105	0.122	0.00	0.21	0.12	0.11	0.12	0.43	0.12
	Bottom side	1.945									1.95	1.95	1.95	1.95	1.95	0.00
FR1 n30 Ant 1	Front	1.894	1.152	0.522	0.248	1.192	0.684	0.340	0.328	2.42	2.58	2.22	2.48	2.47	2.34	1.48
	Back	2.502				0.639	0.314	0.157	0.341	2.50	2.82	2.84	2.66	2.84	0.64	0.34
	Left side		0.943	0.428	0.204	1.436	0.771	0.366	0.453	0.43	0.77	0.45	0.57	0.66	2.38	1.40
	Right side		1.685	0.763	0.364	1.369	0.785	0.390	0.575	0.76	0.79	0.58	0.75	0.94	3.05	2.26
	Top side					0.429	0.206	0.105	0.122	0.00	0.21	0.12	0.11	0.12	0.43	0.12
	Bottom side	1.512									1.51	1.51	1.51	1.51	1.51	0.00
FR1 n30 Ant 2	Front	2.645	1.152	0.522	0.248	1.192	0.684	0.340	0.328	3.17	3.33	2.97	3.23	3.22	2.34	1.48
	Back	2.671				0.639	0.314	0.157	0.341	2.67	2.99	3.01	2.83	3.01	0.64	0.34
	Left side		0.943	0.428	0.204	1.436	0.771	0.366	0.453	0.43	0.77	0.45	0.57	0.66	2.38	1.40
	Right side		1.685	0.763	0.364	1.369	0.785	0.390	0.575	0.76	0.79	0.58	0.75	0.94	3.05	2.26
	Top side	2.789				0.429	0.206	0.105	0.122	2.79	3.00	2.91	2.89	2.91	0.43	0.12
	Bottom side									0.00	0.00	0.00	0.00	0.00	0.00	0.00
FR1 n30 Ant 3	Front	2.047	1.152	0.522	0.248	1.192	0.684	0.340	0.328	2.57	2.73	2.38	2.64	2.62	2.34	1.48
	Back	2.146				0.639	0.314	0.157	0.341	2.15	2.46	2.49	2.30	2.49	0.64	0.34
	Left side		0.943	0.428	0.204	1.436	0.771	0.366	0.453	0.43	0.77	0.45	0.57	0.66	2.38	1.40
	Right side		1.685	0.763	0.364	1.369	0.785	0.390	0.575	0.76	0.79	0.58	0.75	0.94	3.05	2.26
	Top side					0.429	0.206	0.105	0.122	0.00	0.21	0.12	0.11	0.12	0.43	0.12
	Bottom side									0.00	0.00	0.00	0.00	0.00	0.00	0.00
FR1 n66 Ant 1	Front		1.152	0.522	0.248	1.192	0.684	0.340	0.328	0.52	0.68	0.33	0.59	0.58	2.34	1.48
	Back	2.759				0.639	0.314	0.157	0.341	2.76	3.07	3.10	2.92	3.10	0.64	0.34
	Left side		0.943	0.428	0.204	1.436	0.771	0.366	0.453	0.43	0.77	0.45	0.57	0.66	2.38	1.40
	Right side		1.685	0.763	0.364	1.369	0.785	0.390	0.575	0.76	0.79	0.58	0.75	0.94	3.05	2.26
	Top side					0.429	0.206	0.105	0.122	0.00	0.21	0.12	0.11	0.12	0.43	0.12
	Bottom side	2.352									2.35	2.35	2.35	2.35	2.35	0.00
FR1 n66 Ant 3	Front		1.152	0.522	0.248	1.192	0.684	0.340	0.328	0.52	0.68	0.33	0.59	0.58	2.34	1.48
	Back					0.639	0.314	0.157	0.341	0.00	0.31	0.34	0.16	0.34	0.64	0.34
	Left side		0.943	0.428	0.204	1.436	0.771	0.366	0.453	0.43	0.77	0.45	0.57	0.66	2.38	1.40
	Right side		1.685	0.763	0.364	1.369	0.785	0.390	0.575	0.76	0.79	0.58	0.75	0.94	3.05	2.26
	Top side	1.993				0.429	0.206	0.105	0.122	1.99	2.20	2.12	2.10	2.12	0.43	0.12
	Bottom side									0.00	0.00	0.00	0.00	0.00	0.00	0.00
FR1 n70 Ant 3	Front		1.152	0.522	0.248	1.192	0.684	0.340	0.328	0.52	0.68	0.33	0.59	0.58	2.34	1.48
	Back					0.639	0.314	0.157	0.341	0.00	0.31	0.34	0.16	0.34	0.64	0.34
	Left side		0.943	0.428	0.204	1.436	0.771	0.366	0.453	0.43	0.77	0.45	0.57	0.66	2.38	1.40
	Right side		1.685	0.763	0.364	1.369	0.785	0.390	0.575	0.76	0.79	0.58	0.75	0.94	3.05	2.26
	Top side	1.818				0.429	0.206	0.105	0.122	1.82	2.02	1.94	1.92	1.94	0.43	0.12
	Bottom side									0.00	0.00	0.00	0.00	0.00	0.00	0.00



WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	1+3+9	1+6+9	1+8+9	1+4+7+9	1+4+8+9	2+5+9	2+8+9
		WWAN	WLAN2.4GHz Ant 5+4 DBS Only	WLAN2.4GHz Ant 5+4 WWAN +non DBS	WLAN2.4GHz Ant 5+4 WWAN +DBS	WLAN5GHz Ant 5+4 DBS Only	WLAN5GHz Ant 5+4 WWAN +non DBS	WLAN5GHz Ant 5+4 WWAN +DBS	WLAN6GHz Ant 4+5	NFC	Summed	Summed	Summed	Summed	Summed	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)	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)	10g SAR (W/kg)	10g SAR (W/kg)
All Bands	Front	2.756	1.152	0.522	0.248	1.192	0.684	0.340	0.328	0.003	3.28	3.44	3.09	3.35	3.34	2.35	1.48
	Back	2.772				0.639	0.314	0.157	0.341	0.018	2.79	3.10	3.13	2.95	3.13	0.66	0.36
	Left side	2.737	0.943	0.428	0.204	1.436	0.771	0.366	0.453	0.001	3.17	3.51	3.19	3.31	3.40	2.38	1.40
	Right side	2.737	1.685	0.763	0.364	1.369	0.785	0.390	0.575	0.002	3.50	3.52	3.31	3.49	3.68	3.06	2.26
	Top side	3.016				0.429	0.206	0.105	0.122	0.002	3.02	3.22	3.14	3.12	3.14	0.43	0.12
	Bottom side	3.103								0.001	3.10	3.10	3.10	3.10	3.10	0.00	0.00

18. Supplemental tuner tests results

General Note:

1. This device implements impedance tuner (144 states) antenna tuning techniques in the WCDMA Band V, LTE Band 5/12/13/14/17/26, 5G NR n5/n12/n13/n14/n26 for ANT0.
2. This device implements impedance tuner (144 states) antenna tuning techniques in the WCDMA Band II/IV/V, LTE Band 2/5/7/12/13/14/17/25/26/30/38/41/48/71, and 5G NR n2/n5/n7/n12/n13/n14/n25/n26/n30/n38/n41/n48/n71 for ANT1.
3. This device implements impedance tuner (144 states) antenna tuning techniques in the LTE Band 2/4/5/7/12/13/14/17/25/26/30/38/41/66 for ANT2.
4. LTE B17 / B5 / B4 / B2 / B38 SAR test was covered by LTE B12 / B26 / B66 / B25 / B41; according to April 2015 TCB workshop, SAR test for overlapping LTE bands can be reduced.
5. 5G NR n26 / n25 / n41 SAR test was covered by 5G NR n5 / n2 / n38; according to April 2015 TCB workshop, SAR test for overlapping NR bands can be reduced.
6. SAR test proposal was measured according to the normally required SAR configurations with the tuner active and worst tune state (auto tune) was used for SAR testing and this design will provide the highest power at different user scenarios and would not influence to the antenna characteristics other than impedance matching. The additional tuner hardware has no influence to the antenna characteristics, other than impedance matching.
7. The following test procedure was followed to demonstrate that the SAR results in this report represent the appropriate SAR test conditions. For bands with dynamic tuning implemented, SAR will be measured according to the required FCC SAR test procedures with the dynamic tuner active to allow the device to automatically tune to the antenna state for the respective RF exposure test configurations. Additional single point SAR time-sweep measurements will be evaluated for other tuner states to determine that the other tuner configurations would result in equivalent or lower SAR values.
8. To evaluate all of the tuner states, the 144 tuner states for ANT0 is divided evenly among band, mode and exposure combinations so that at least one single point SAR measurement is measured in each configuration. Single point time-sweep measurements will be performed at the peak SAR location determined by the zoom scan of the configuration with the highest reported SAR for each combination. The tuner state will be established remotely so that the device is not moved for the entire series of single point SAR for the tuner states in each combination. The SAR probe will remain stationary at the same position throughout the entire series of single point measurements for each combination.
9. According to April 2019 TCB workshop, total number tuner states divided evenly among each supported band / air interface and exposure condition combination.
10. According to April 2019 TCB workshop, if any single point SAR measurement result is > 1.2 W/kg for a band/exposure condition combination set, all supported tuner states are evaluated with single point SAR measurements for the combination. So we verified the single point SAR that bands with SAR value high than 1.2W/kg.
11. The tuner state was established remotely through Wi-Fi so that the device is not moved for the entire series of single point SAR for the tuner states in each combination (band, mode, exposure conditions).
12. The operational decryption contains more information about the design and implementation of the dynamic antenna tuning.

18.1 Supplemental Tuner Head & Body SAR Results

Please refer to Appendix F.

Test Engineer : Martin Li, Varus Wang, Ricky Gu, Light Wang



19. 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.



20. References

- [1] FCC 47 CFR Part 2 “Frequency Allocations and Radio Treaty Matters; General Rules and Regulations”
- [2] ANSI/IEEE Std. C95.1-1992, “IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz”, September 1992
- [3] IEEE Std. 1528-2013, “IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques”, Sep 2013
- [4] SPEAG DASY System Handbook
- [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.
- [7] FCC KDB 648474 D04 v01r03, “SAR Evaluation Considerations for Wireless Handsets”, Oct 2015.
- [8] FCC KDB 248227 D01 v02r02, “SAR Guidance for IEEE 802.11 (WiFi) Transmitters”, Oct 2015.
- [9] FCC KDB 616217 D04 v01r02, “SAR Evaluation Considerations for Laptop, Notebook, Netbook and Tablet Computers”, Oct 2015
- [10] FCC KDB 941225 D01 v03r01, “3G SAR MEAUREMENT PROCEDURES”, Oct 2015
- [11] FCC KDB 941225 D05 v02r05, “SAR Evaluation Considerations for LTE Devices”, Dec 2015
- [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

-----THE END-----