



Head		Standalone				UL CA active				WLAN			Inter-band UL CA summation		
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	4	6	7	1+8+4 Summed 1g SAR (W/kg)	1+8+4+6 Summed 1g SAR (W/kg)	1+8+4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B12	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B12	5GHz WLAN Ant 1+2	Bluetooth Ant 1	Bluetooth Ant 2			
				1g SAR (W/kg)	1g SAR (W/kg)			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
LTE Band 2_UAT	Right Cheek	13.30	20.80	0.540	0.29	10.30	17.80	0.271	0.145	0.029	0.074	0.002	0.445	0.519	0.447
	Right Tilted	13.30	20.80	0.645	0.05	10.30	17.80	0.323	0.025	0.014	0.058	0.002	0.362	0.420	0.364
	Left Cheek	13.30	20.80	0.409	0.38	10.30	17.80	0.205	0.191	0.494	0.189	0.006	0.890	1.079	0.896
	Left Tilted	13.30	20.80	0.513	0.07	10.30	17.80	0.257	0.033	0.372	0.122	0.002	0.662	0.784	0.664
LTE Band 4_UAT	Right Cheek	13.80	20.80	0.623	0.29	10.80	17.80	0.312	0.145	0.029	0.074	0.002	0.486	0.560	0.488
	Right Tilted	13.80	20.80	0.794	0.05	10.80	17.80	0.398	0.025	0.014	0.058	0.002	0.437	0.495	0.439
	Left Cheek	13.80	20.80	0.396	0.38	10.80	17.80	0.198	0.191	0.494	0.189	0.006	0.883	1.072	0.889
	Left Tilted	13.80	20.80	0.519	0.07	10.80	17.80	0.260	0.033	0.372	0.122	0.002	0.665	0.787	0.667
Head		Standalone				UL CA active				WLAN			Inter-band UL CA summation		
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	4	6	7	1+8+4 Summed 1g SAR (W/kg)	1+8+4+6 Summed 1g SAR (W/kg)	1+8+4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B13	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B13	5GHz WLAN Ant 1+2	Bluetooth Ant 1	Bluetooth Ant 2			
				1g SAR (W/kg)	1g SAR (W/kg)			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
LTE Band 2_UAT	Right Cheek	13.30	19.80	0.540	0.281	10.30	16.80	0.271	0.141	0.029	0.074	0.002	0.441	0.515	0.443
	Right Tilted	13.30	19.80	0.645	0.051	10.30	16.80	0.323	0.025	0.014	0.058	0.002	0.362	0.420	0.364
	Left Cheek	13.30	19.80	0.409	0.397	10.30	16.80	0.205	0.199	0.494	0.189	0.006	0.898	1.087	0.904
	Left Tilted	13.30	19.80	0.513	0.062	10.30	16.80	0.257	0.031	0.372	0.122	0.002	0.660	0.782	0.662
LTE Band 4_UAT	Right Cheek	13.80	19.80	0.623	0.281	10.80	16.80	0.312	0.141	0.029	0.074	0.002	0.482	0.556	0.484
	Right Tilted	13.80	19.80	0.794	0.051	10.80	16.80	0.398	0.025	0.014	0.058	0.002	0.437	0.495	0.439
	Left Cheek	13.80	19.80	0.396	0.397	10.80	16.80	0.198	0.199	0.494	0.189	0.006	0.891	1.080	0.897
	Left Tilted	13.80	19.80	0.519	0.062	10.80	16.80	0.260	0.031	0.372	0.122	0.002	0.663	0.785	0.665
Head		Standalone				UL CA active				WLAN			Inter-band UL CA summation		
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	4	6	7	1+8+4 Summed 1g SAR (W/kg)	1+8+4+6 Summed 1g SAR (W/kg)	1+8+4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B66	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B66	5GHz WLAN Ant 1+2	Bluetooth Ant 1	Bluetooth Ant 2			
				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 12_UAT	Right Cheek	20.80	13.80	0.29	0.623	17.80	16.80	0.209	0.312	0.029	0.074	0.002	0.550	0.624	0.552
	Right Tilted	20.80	13.80	0.05	0.794	17.80	16.80	0.258	0.398	0.014	0.058	0.002	0.670	0.728	0.672
	Left Cheek	20.80	13.80	0.38	0.396	17.80	16.80	0.128	0.198	0.494	0.189	0.006	0.820	1.009	0.826
	Left Tilted	20.80	13.80	0.07	0.519	17.80	16.80	0.163	0.260	0.372	0.122	0.002	0.795	0.917	0.797
LTE Band 13_UAT	Right Cheek	19.80	13.80	0.281	0.623	16.80	16.80	0.141	0.312	0.029	0.074	0.002	0.482	0.556	0.484
	Right Tilted	19.80	13.80	0.051	0.794	16.80	16.80	0.025	0.398	0.014	0.058	0.002	0.437	0.495	0.439
	Left Cheek	19.80	13.80	0.397	0.396	16.80	16.80	0.199	0.198	0.494	0.189	0.006	0.891	1.080	0.897
	Left Tilted	19.80	13.80	0.062	0.519	16.80	16.80	0.031	0.260	0.372	0.122	0.002	0.663	0.785	0.665



Head		Standalone				UL CA active				WLAN		Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	1+8+2+4 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B12	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B12	2.4GHz WLAN Ant 1+2	5GHz WLAN Ant 1+2	
				1g SAR (W/kg)	1g SAR (W/kg)			1g SAR (W/kg)	1g SAR (W/kg)			
LTE Band 2_UAT	Right Cheek	12.30	20.80	0.416	0.29	9.30	17.80	0.209	0.145	0.131	0.018	0.503
	Right Tilted	12.30	20.80	0.514	0.05	9.30	17.80	0.258	0.025	0.119	0.008	0.410
	Left Cheek	12.30	20.80	0.256	0.38	9.30	17.80	0.128	0.191	0.456	0.322	1.097
	Left Tilted	12.30	20.80	0.325	0.07	9.30	17.80	0.163	0.033	0.285	0.230	0.711
LTE Band 4_UAT	Right Cheek	12.80	20.80	0.489	0.29	9.80	17.80	0.245	0.145	0.131	0.018	0.539
	Right Tilted	12.80	20.80	0.669	0.05	9.80	17.80	0.336	0.025	0.119	0.008	0.488
	Left Cheek	12.80	20.80	0.395	0.38	9.80	17.80	0.198	0.191	0.456	0.322	1.167
	Left Tilted	12.80	20.80	0.487	0.07	9.80	17.80	0.244	0.033	0.285	0.230	0.792
Head		Standalone				UL CA active				WLAN		Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	1+8+2+4 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B13	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B13	2.4GHz WLAN Ant 1+2	5GHz WLAN Ant 1+2	
				1g SAR (W/kg)	1g SAR (W/kg)			1g SAR (W/kg)	1g SAR (W/kg)			
LTE Band 2_UAT	Right Cheek	12.30	19.80	0.416	0.281	9.30	16.80	0.209	0.141	0.131	0.018	0.499
	Right Tilted	12.30	19.80	0.514	0.051	9.30	16.80	0.258	0.025	0.119	0.008	0.410
	Left Cheek	12.30	19.80	0.256	0.397	9.30	16.80	0.128	0.199	0.456	0.322	1.105
	Left Tilted	12.30	19.80	0.325	0.062	9.30	16.80	0.163	0.031	0.285	0.230	0.709
LTE Band 4_UAT	Right Cheek	12.80	19.80	0.489	0.281	9.80	16.80	0.245	0.141	0.131	0.018	0.535
	Right Tilted	12.80	19.80	0.669	0.051	9.80	16.80	0.336	0.025	0.119	0.008	0.488
	Left Cheek	12.80	19.80	0.395	0.397	9.80	16.80	0.198	0.199	0.456	0.322	1.175
	Left Tilted	12.80	19.80	0.487	0.062	9.80	16.80	0.244	0.031	0.285	0.230	0.790



Head		Standalone				UL CA active				WLAN		Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	1+8+2+4 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 12_UAT	Right Cheek	20.80	12.80	0.29	0.489	17.80	9.80	0.209	0.245	0.131	0.018	0.603
	Right Tilted	20.80	12.80	0.05	0.669	17.80	9.80	0.258	0.336	0.119	0.008	0.721
	Left Cheek	20.80	12.80	0.38	0.395	17.80	9.80	0.128	0.198	0.456	0.322	1.104
	Left Tilted	20.80	12.80	0.07	0.487	17.80	9.80	0.163	0.244	0.285	0.230	0.922
LTE Band 13_UAT	Right Cheek	19.80	12.80	0.281	0.489	16.80	9.80	0.141	0.245	0.131	0.018	0.535
	Right Tilted	19.80	12.80	0.051	0.669	16.80	9.80	0.025	0.336	0.119	0.008	0.488
	Left Cheek	19.80	12.80	0.397	0.395	16.80	9.80	0.199	0.198	0.456	0.322	1.175
	Left Tilted	19.80	12.80	0.062	0.487	16.80	9.80	0.031	0.244	0.285	0.230	0.790



Head		Standalone				UL CA active				WLAN				Inter-band UL CA summation			
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	6	7	1+8+6 Summed 1g SAR (W/kg)	1+8+7 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)				
LTE Band 2_LAT	Right Cheek	23.80	23.80	0.423	0.071	20.80	20.80	0.212	0.036	0.260	0.042	0.074	0.002	0.322	0.250	0.116	0.044
	Right Tilted	23.80	23.80	0.194	0.024	20.80	20.80	0.097	0.012	0.250	0.019	0.058	0.002	0.167	0.111	0.077	0.021
	Left Cheek	23.80	23.80	0.203	0.138	20.80	20.80	0.102	0.069	0.965	0.812	0.189	0.006	0.360	0.177	1.001	0.818
	Left Tilted	23.80	23.80	0.152	0.062	20.80	20.80	0.076	0.031	0.582	0.452	0.122	0.002	0.229	0.109	0.574	0.454
LTE Band 4_LAT	Right Cheek	23.80	23.80	0.379	0.071	20.80	20.80	0.190	0.036	0.260	0.042	0.074	0.002	0.300	0.228	0.116	0.044
	Right Tilted	23.80	23.80	0.145	0.024	20.80	20.80	0.073	0.012	0.250	0.019	0.058	0.002	0.143	0.087	0.077	0.021
	Left Cheek	23.80	23.80	0.314	0.138	20.80	20.80	0.157	0.069	0.965	0.812	0.189	0.006	0.415	0.232	1.001	0.818
	Left Tilted	23.80	23.80	0.137	0.062	20.80	20.80	0.069	0.031	0.582	0.452	0.122	0.002	0.222	0.102	0.574	0.454
Head		Standalone				UL CA active				WLAN				Inter-band UL CA summation			
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	6	7	1+8+6 Summed 1g SAR (W/kg)	1+8+7 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)				
LTE Band 2_LAT	Right Cheek	23.80	23.80	0.423	0.105	20.80	20.80	0.212	0.053	0.260	0.042	0.074	0.002	0.339	0.267	0.116	0.044
	Right Tilted	23.80	23.80	0.194	0.071	20.80	20.80	0.097	0.036	0.250	0.019	0.058	0.002	0.191	0.135	0.077	0.021
	Left Cheek	23.80	23.80	0.203	0.226	20.80	20.80	0.102	0.113	0.965	0.812	0.189	0.006	0.404	0.221	1.001	0.818
	Left Tilted	23.80	23.80	0.152	0.082	20.80	20.80	0.076	0.041	0.582	0.452	0.122	0.002	0.239	0.119	0.574	0.454
LTE Band 4_LAT	Right Cheek	23.80	23.80	0.379	0.105	20.80	20.80	0.190	0.053	0.260	0.042	0.074	0.002	0.317	0.245	0.116	0.044
	Right Tilted	23.80	23.80	0.145	0.071	20.80	20.80	0.073	0.036	0.250	0.019	0.058	0.002	0.167	0.111	0.077	0.021
	Left Cheek	23.80	23.80	0.314	0.226	20.80	20.80	0.157	0.113	0.965	0.812	0.189	0.006	0.459	0.276	1.001	0.818
	Left Tilted	23.80	23.80	0.137	0.082	20.80	20.80	0.069	0.041	0.582	0.452	0.122	0.002	0.232	0.112	0.574	0.454



Head		Standalone				UL CA active				WLAN				Inter-band UL CA summation			
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	6	7	1+8+6 Summed 1g SAR (W/kg)	1+8+7 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)				
LTE Band 12_LAT	Right Cheek	23.80	23.80	0.071	0.379	20.80	20.80	0.036	0.190	0.260	0.042	0.074	0.002	0.300	0.228	0.116	0.044
	Right Tilted	23.80	23.80	0.024	0.145	20.80	20.80	0.012	0.073	0.250	0.019	0.058	0.002	0.143	0.087	0.077	0.021
	Left Cheek	23.80	23.80	0.138	0.314	20.80	20.80	0.069	0.157	0.965	0.812	0.189	0.006	0.415	0.232	1.001	0.818
	Left Tilted	23.80	23.80	0.062	0.137	20.80	20.80	0.031	0.069	0.582	0.452	0.122	0.002	0.222	0.102	0.574	0.454
LTE Band 13_LAT	Right Cheek	23.80	23.80	0.105	0.379	20.80	20.80	0.053	0.190	0.260	0.042	0.074	0.002	0.317	0.245	0.116	0.044
	Right Tilted	23.80	23.80	0.071	0.145	20.80	20.80	0.036	0.073	0.250	0.019	0.058	0.002	0.167	0.111	0.077	0.021
	Left Cheek	23.80	23.80	0.226	0.314	20.80	20.80	0.113	0.157	0.965	0.812	0.189	0.006	0.459	0.276	1.001	0.818
	Left Tilted	23.80	23.80	0.082	0.137	20.80	20.80	0.041	0.069	0.582	0.452	0.122	0.002	0.232	0.112	0.574	0.454



Head		Standalone				UL CA active				WLAN	Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	1+8+2 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 2_LAT	Right Cheek	23.80	23.80	0.423	0.071	20.80	20.80	0.212	0.036	0.214	0.462
	Right Tilted	23.80	23.80	0.194	0.024	20.80	20.80	0.097	0.012	0.185	0.294
	Left Cheek	23.80	23.80	0.203	0.138	20.80	20.80	0.102	0.069	0.674	0.845
	Left Tilted	23.80	23.80	0.152	0.062	20.80	20.80	0.076	0.031	0.467	0.574
LTE Band 4_LAT	Right Cheek	23.80	23.80	0.379	0.071	20.80	20.80	0.190	0.036	0.214	0.440
	Right Tilted	23.80	23.80	0.145	0.024	20.80	20.80	0.073	0.012	0.185	0.270
	Left Cheek	23.80	23.80	0.314	0.138	20.80	20.80	0.157	0.069	0.674	0.900
	Left Tilted	23.80	23.80	0.137	0.062	20.80	20.80	0.069	0.031	0.467	0.567
Head		Standalone				UL CA active				WLAN	Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	1+8+2 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 2_LAT	Right Cheek	23.80	23.80	0.423	0.105	20.80	20.80	0.212	0.053	0.214	0.479
	Right Tilted	23.80	23.80	0.194	0.071	20.80	20.80	0.097	0.036	0.185	0.318
	Left Cheek	23.80	23.80	0.203	0.226	20.80	20.80	0.102	0.113	0.674	0.889
	Left Tilted	23.80	23.80	0.152	0.082	20.80	20.80	0.076	0.041	0.467	0.584
LTE Band 4_LAT	Right Cheek	23.80	23.80	0.379	0.105	20.80	20.80	0.190	0.053	0.214	0.457
	Right Tilted	23.80	23.80	0.145	0.071	20.80	20.80	0.073	0.036	0.185	0.294
	Left Cheek	23.80	23.80	0.314	0.226	20.80	20.80	0.157	0.113	0.674	0.944
	Left Tilted	23.80	23.80	0.137	0.082	20.80	20.80	0.069	0.041	0.467	0.577



Head		Standalone				UL CA active				WLAN	Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	1+8+2 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 12_LAT	Right Cheek	23.80	23.80	0.071	0.379	20.80	20.80	0.036	0.190	0.214	0.440
	Right Tilted	23.80	23.80	0.024	0.145	20.80	20.80	0.012	0.073	0.185	0.270
	Left Cheek	23.80	23.80	0.138	0.314	20.80	20.80	0.069	0.157	0.674	0.900
	Left Tilted	23.80	23.80	0.062	0.137	20.80	20.80	0.031	0.069	0.467	0.567
LTE Band 13_LAT	Right Cheek	23.80	23.80	0.105	0.379	20.80	20.80	0.053	0.190	0.214	0.457
	Right Tilted	23.80	23.80	0.071	0.145	20.80	20.80	0.036	0.073	0.185	0.294
	Left Cheek	23.80	23.80	0.226	0.314	20.80	20.80	0.113	0.157	0.674	0.944
	Left Tilted	23.80	23.80	0.082	0.137	20.80	20.80	0.041	0.069	0.467	0.577

Head		Standalone				UL CA active				WLAN			Inter-band UL CA summation		
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	4	6	7	1+8+4 Summed 1g SAR (W/kg)	1+8+4+6 Summed 1g SAR (W/kg)	1+8+4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)			
LTE Band 2_LAT	Right Cheek	23.80	23.80	0.423	0.071	20.80	20.80	0.212	0.036	0.029	0.074	0.002	0.277	0.351	0.279
	Right Tilted	23.80	23.80	0.194	0.024	20.80	20.80	0.097	0.012	0.014	0.058	0.002	0.123	0.181	0.125
	Left Cheek	23.80	23.80	0.203	0.138	20.80	20.80	0.102	0.069	0.494	0.189	0.006	0.665	0.854	0.671
	Left Tilted	23.80	23.80	0.152	0.062	20.80	20.80	0.076	0.031	0.372	0.122	0.002	0.479	0.601	0.481
LTE Band 4_LAT	Right Cheek	23.80	23.80	0.379	0.071	20.80	20.80	0.190	0.036	0.029	0.074	0.002	0.255	0.329	0.257
	Right Tilted	23.80	23.80	0.145	0.024	20.80	20.80	0.073	0.012	0.014	0.058	0.002	0.099	0.157	0.101
	Left Cheek	23.80	23.80	0.314	0.138	20.80	20.80	0.157	0.069	0.494	0.189	0.006	0.720	0.909	0.726
	Left Tilted	23.80	23.80	0.137	0.062	20.80	20.80	0.069	0.031	0.372	0.122	0.002	0.472	0.594	0.474



Head		Standalone				UL CA active				WLAN			Inter-band UL CA summation		
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	4	6	7	1+8+4 Summed 1g SAR (W/kg)	1+8+4+6 Summed 1g SAR (W/kg)	1+8+4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)			
LTE Band 2_LAT	Right Cheek	23.80	23.80	0.423	0.105	20.80	20.80	0.212	0.053	0.029	0.074	0.002	0.294	0.368	0.296
	Right Tilted	23.80	23.80	0.194	0.071	20.80	20.80	0.097	0.036	0.014	0.058	0.002	0.147	0.205	0.149
	Left Cheek	23.80	23.80	0.203	0.226	20.80	20.80	0.102	0.113	0.494	0.189	0.006	0.709	0.898	0.715
	Left Tilted	23.80	23.80	0.152	0.082	20.80	20.80	0.076	0.041	0.372	0.122	0.002	0.489	0.611	0.491
LTE Band 4_LAT	Right Cheek	23.80	23.80	0.379	0.105	20.80	20.80	0.190	0.053	0.029	0.074	0.002	0.272	0.346	0.274
	Right Tilted	23.80	23.80	0.145	0.071	20.80	20.80	0.073	0.036	0.014	0.058	0.002	0.123	0.181	0.125
	Left Cheek	23.80	23.80	0.314	0.226	20.80	20.80	0.157	0.113	0.494	0.189	0.006	0.764	0.953	0.770
	Left Tilted	23.80	23.80	0.137	0.082	20.80	20.80	0.069	0.041	0.372	0.122	0.002	0.482	0.604	0.484
Head		Standalone				UL CA active				WLAN			Inter-band UL CA summation		
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	4	6	7	1+8+4 Summed 1g SAR (W/kg)	1+8+4+6 Summed 1g SAR (W/kg)	1+8+4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)			
LTE Band 12_LAT	Right Cheek	23.80	23.80	0.071	0.379	20.80	20.80	0.036	0.190	0.029	0.074	0.002	0.255	0.329	0.257
	Right Tilted	23.80	23.80	0.024	0.145	20.80	20.80	0.012	0.073	0.014	0.058	0.002	0.099	0.157	0.101
	Left Cheek	23.80	23.80	0.138	0.314	20.80	20.80	0.069	0.157	0.494	0.189	0.006	0.720	0.909	0.726
	Left Tilted	23.80	23.80	0.062	0.137	20.80	20.80	0.031	0.069	0.372	0.122	0.002	0.472	0.594	0.474
LTE Band 13_LAT	Right Cheek	23.80	23.80	0.105	0.379	20.80	20.80	0.053	0.190	0.029	0.074	0.002	0.272	0.346	0.274
	Right Tilted	23.80	23.80	0.071	0.145	20.80	20.80	0.036	0.073	0.014	0.058	0.002	0.123	0.181	0.125
	Left Cheek	23.80	23.80	0.226	0.314	20.80	20.80	0.113	0.157	0.494	0.189	0.006	0.764	0.953	0.770
	Left Tilted	23.80	23.80	0.082	0.137	20.80	20.80	0.041	0.069	0.372	0.122	0.002	0.482	0.604	0.484



Head		Standalone				UL CA active				WLAN		Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	1+8+2+4 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 2_LAT	Right Cheek	23.80	23.80	0.423	0.071	20.80	20.80	0.212	0.036	0.131	0.018	0.397
	Right Tilted	23.80	23.80	0.194	0.024	20.80	20.80	0.097	0.012	0.119	0.008	0.236
	Left Cheek	23.80	23.80	0.203	0.138	20.80	20.80	0.102	0.069	0.456	0.322	0.949
	Left Tilted	23.80	23.80	0.152	0.062	20.80	20.80	0.076	0.031	0.285	0.230	0.622
LTE Band 4_LAT	Right Cheek	23.80	23.80	0.379	0.071	20.80	20.80	0.190	0.036	0.131	0.018	0.375
	Right Tilted	23.80	23.80	0.145	0.024	20.80	20.80	0.073	0.012	0.119	0.008	0.212
	Left Cheek	23.80	23.80	0.314	0.138	20.80	20.80	0.157	0.069	0.456	0.322	1.004
	Left Tilted	23.80	23.80	0.137	0.062	20.80	20.80	0.069	0.031	0.285	0.230	0.615
Head		Standalone				UL CA active				WLAN		Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	1+8+2+4 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 2_LAT	Right Cheek	23.80	23.80	0.423	0.105	20.80	20.80	0.212	0.053	0.131	0.018	0.414
	Right Tilted	23.80	23.80	0.194	0.071	20.80	20.80	0.097	0.036	0.119	0.008	0.260
	Left Cheek	23.80	23.80	0.203	0.226	20.80	20.80	0.102	0.113	0.456	0.322	0.993
	Left Tilted	23.80	23.80	0.152	0.082	20.80	20.80	0.076	0.041	0.285	0.230	0.632
LTE Band 4_LAT	Right Cheek	23.80	23.80	0.379	0.105	20.80	20.80	0.190	0.053	0.131	0.018	0.392
	Right Tilted	23.80	23.80	0.145	0.071	20.80	20.80	0.073	0.036	0.119	0.008	0.236
	Left Cheek	23.80	23.80	0.314	0.226	20.80	20.80	0.157	0.113	0.456	0.322	1.048
	Left Tilted	23.80	23.80	0.137	0.082	20.80	20.80	0.069	0.041	0.285	0.230	0.625



Head		Standalone				UL CA active				WLAN		Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	1+8+2+4 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 12_LAT	Right Cheek	23.80	23.80	0.071	0.379	20.80	20.80	0.036	0.190	0.131	0.018	0.375
	Right Tilted	23.80	23.80	0.024	0.145	20.80	20.80	0.012	0.073	0.119	0.008	0.212
	Left Cheek	23.80	23.80	0.138	0.314	20.80	20.80	0.069	0.157	0.456	0.322	1.004
	Left Tilted	23.80	23.80	0.062	0.137	20.80	20.80	0.031	0.069	0.285	0.230	0.615
LTE Band 13_LAT	Right Cheek	23.80	23.80	0.105	0.379	20.80	20.80	0.053	0.190	0.131	0.018	0.392
	Right Tilted	23.80	23.80	0.071	0.145	20.80	20.80	0.036	0.073	0.119	0.008	0.236
	Left Cheek	23.80	23.80	0.226	0.314	20.80	20.80	0.113	0.157	0.456	0.322	1.048
	Left Tilted	23.80	23.80	0.082	0.137	20.80	20.80	0.041	0.069	0.285	0.230	0.625



<Hotspot exposure condition>

Hotspot		Standalone				UL CA active				WLAN				Inter-band UL CA summation			
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	6	7	1+8+6 Summed 1g SAR (W/kg)	1+8+7 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B12	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B12	2.4GHz WLAN Ant 1+2	5GHz WLAN Ant 1+2	Bluetooth Ant 1	Bluetooth Ant 2				
		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)	1g SAR (W/kg)				
LTE Band 2_UAT	Front	13.30	19.30	0.187	0.151	10.30	16.30	0.094	0.075	0.155	0.078	0.107	0.002	0.276	0.171	0.185	0.080
	Back	13.30	19.30	0.205	0.232	10.30	16.30	0.103	0.116	0.988	0.994	0.071	0.122	0.290	0.341	1.065	1.116
	Left side	13.30	19.30	0.036	0.384	10.30	16.30	0.018	0.192					0.210	0.210	0.000	0.000
	Right side	13.30	19.30	0.025	0.067	10.30	16.30	0.012	0.034	0.255	0.456	0.007	0.002	0.053	0.048	0.463	0.458
	Top side	13.30	19.30	0.350	0.020	10.30	16.30	0.175	0.010	0.332	0.276	0.150	0.002	0.335	0.187	0.426	0.278
	Bottom side	13.30	19.30			10.30	16.30								0.000	0.000	0.000
LTE Band 4_UAT	Front	16.30	19.30	0.230	0.151	13.30	16.30	0.115	0.075	0.155	0.078	0.107	0.002	0.297	0.192	0.185	0.080
	Back	16.30	19.30	0.242	0.232	13.30	16.30	0.121	0.116	0.988	0.994	0.071	0.122	0.308	0.359	1.065	1.116
	Left side	16.30	19.30	0.076	0.384	13.30	16.30	0.038	0.192					0.230	0.230	0.000	0.000
	Right side	16.30	19.30	0.031	0.067	13.30	16.30	0.016	0.034	0.255	0.456	0.007	0.002	0.057	0.052	0.463	0.458
	Top side	16.30	19.30	0.539	0.020	13.30	16.30	0.270	0.010	0.332	0.276	0.150	0.002	0.430	0.282	0.426	0.278
	Bottom side	16.30	19.30			13.30	16.30								0.000	0.000	0.000
Hotspot		Standalone				UL CA active				WLAN				Inter-band UL CA summation			
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	6	7	1+8+6 Summed 1g SAR (W/kg)	1+8+7 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B13	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B13	2.4GHz WLAN Ant 1+2	5GHz WLAN Ant 1+2	Bluetooth Ant 1	Bluetooth Ant 2				
		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)	1g SAR (W/kg)				
LTE Band 2_UAT	Front	13.30	19.30	0.187	0.179	10.30	16.30	0.094	0.090	0.155	0.078	0.107	0.002	0.291	0.186	0.185	0.080
	Back	13.30	19.30	0.205	0.261	10.30	16.30	0.103	0.131	0.988	0.994	0.071	0.122	0.305	0.356	1.065	1.116
	Left side	13.30	19.30	0.036	0.423	10.30	16.30	0.018	0.212					0.230	0.230	0.000	0.000
	Right side	13.30	19.30	0.025	0.010	10.30	16.30	0.012	0.005	0.255	0.456	0.007	0.002	0.024	0.019	0.463	0.458
	Top side	13.30	19.30	0.350	0.017	10.30	16.30	0.175	0.009	0.332	0.276	0.150	0.002	0.334	0.186	0.426	0.278
	Bottom side	13.30	19.30			10.30	16.30								0.000	0.000	0.000
LTE Band 4_UAT	Front	16.30	19.30	0.230	0.179	13.30	16.30	0.115	0.090	0.155	0.078	0.107	0.002	0.312	0.207	0.185	0.080
	Back	16.30	19.30	0.242	0.261	13.30	16.30	0.121	0.131	0.988	0.994	0.071	0.122	0.323	0.374	1.065	1.116
	Left side	16.30	19.30	0.076	0.423	13.30	16.30	0.038	0.212					0.250	0.250	0.000	0.000
	Right side	16.30	19.30	0.031	0.010	13.30	16.30	0.016	0.005	0.255	0.456	0.007	0.002	0.028	0.023	0.463	0.458
	Top side	16.30	19.30	0.539	0.017	13.30	16.30	0.270	0.009	0.332	0.276	0.150	0.002	0.429	0.281	0.426	0.278
	Bottom side	16.30	19.30			13.30	16.30								0.000	0.000	0.000



Hotspot		Standalone				UL CA active				WLAN				Inter-band UL CA summation			
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	6	7	1+8+6 Summed 1g SAR (W/kg)	1+8+7 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B66	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B66	2.4GHz WLAN Ant 1+2	5GHz WLAN Ant 1+2	Bluetooth Ant 1	Bluetooth Ant 2				
				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 12_UAT	Front	19.30	16.30	0.151	0.230	16.30	13.30	0.075	0.115	0.155	0.078	0.107	0.002	0.297	0.192	0.185	0.080
	Back	19.30	16.30	0.232	0.242	16.30	13.30	0.116	0.121	0.988	0.994	0.071	0.122	0.308	0.359	1.065	1.116
	Left side	19.30	16.30	0.384	0.076	16.30	13.30	0.192	0.038					0.230	0.230	0.000	0.000
	Right side	19.30	16.30	0.067	0.031	16.30	13.30	0.034	0.016	0.255	0.456	0.007	0.002	0.057	0.052	0.463	0.458
	Top side	19.30	16.30	0.020	0.539	16.30	13.30	0.010	0.270	0.332	0.276	0.150	0.002	0.430	0.282	0.426	0.278
	Bottom side	19.30	16.30			16.30	13.30							0.000	0.000	0.000	0.000
LTE Band 13_UAT	Front	19.30	16.30	0.179	0.230	16.30	13.30	0.090	0.115	0.155	0.078	0.107	0.002	0.312	0.207	0.185	0.080
	Back	19.30	16.30	0.261	0.242	16.30	13.30	0.131	0.121	0.988	0.994	0.071	0.122	0.323	0.374	1.065	1.116
	Left side	19.30	16.30	0.423	0.076	16.30	13.30	0.212	0.038					0.250	0.250	0.000	0.000
	Right side	19.30	16.30	0.010	0.031	16.30	13.30	0.005	0.016	0.255	0.456	0.007	0.002	0.028	0.023	0.463	0.458
	Top side	19.30	16.30	0.017	0.539	16.30	13.30	0.009	0.270	0.332	0.276	0.150	0.002	0.429	0.281	0.426	0.278
	Bottom side	19.30	16.30			16.30	13.30							0.000	0.000	0.000	0.000



Hotspot		Standalone				UL CA active				WLAN	Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	1+8+2 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 2_UAT	Front	13.30	19.30	0.187	0.151	10.30	16.30	0.094	0.075	0.132	0.301
	Back	13.30	19.30	0.205	0.232	10.30	16.30	0.103	0.116	0.793	1.012
	Left side	13.30	19.30	0.036	0.384	10.30	16.30	0.018	0.192		0.210
	Right side	13.30	19.30	0.025	0.067	10.30	16.30	0.012	0.034	0.227	0.273
	Top side	13.30	19.30	0.350	0.020	10.30	16.30	0.175	0.010	0.190	0.375
	Bottom side	13.30	19.30			10.30	16.30				0.000
LTE Band 4_UAT	Front	16.30	19.30	0.230	0.151	13.30	16.30	0.115	0.075	0.132	0.322
	Back	16.30	19.30	0.242	0.232	13.30	16.30	0.121	0.116	0.793	1.030
	Left side	16.30	19.30	0.076	0.384	13.30	16.30	0.038	0.192		0.230
	Right side	16.30	19.30	0.031	0.067	13.30	16.30	0.016	0.034	0.227	0.277
	Top side	16.30	19.30	0.539	0.020	13.30	16.30	0.270	0.010	0.190	0.470
	Bottom side	16.30	19.30			13.30	16.30				0.000
Hotspot		Standalone				UL CA active				WLAN	Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	1+8+2 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 2_UAT	Front	13.30	19.30	0.187	0.179	10.30	16.30	0.094	0.090	0.132	0.316
	Back	13.30	19.30	0.205	0.261	10.30	16.30	0.103	0.131	0.793	1.027
	Left side	13.30	19.30	0.036	0.423	10.30	16.30	0.018	0.212		0.230
	Right side	13.30	19.30	0.025	0.010	10.30	16.30	0.012	0.005	0.227	0.244
	Top side	13.30	19.30	0.350	0.017	10.30	16.30	0.175	0.009	0.190	0.374
	Bottom side	13.30	19.30			10.30	16.30				0.000
LTE Band 4_UAT	Front	16.30	19.30	0.230	0.179	13.30	16.30	0.115	0.090	0.132	0.337
	Back	16.30	19.30	0.242	0.261	13.30	16.30	0.121	0.131	0.793	1.045
	Left side	16.30	19.30	0.076	0.423	13.30	16.30	0.038	0.212		0.250
	Right side	16.30	19.30	0.031	0.010	13.30	16.30	0.016	0.005	0.227	0.248
	Top side	16.30	19.30	0.539	0.017	13.30	16.30	0.270	0.009	0.190	0.469
	Bottom side	16.30	19.30			13.30	16.30				0.000



Hotspot		Standalone				UL CA active				WLAN	Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	1+8+2 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 12_UAT	Front	19.30	16.30	0.151	0.230	16.30	13.30	0.075	0.115	0.132	0.322
	Back	19.30	16.30	0.232	0.242	16.30	13.30	0.116	0.121	0.793	1.030
	Left side	19.30	16.30	0.384	0.076	16.30	13.30	0.192	0.038		0.230
	Right side	19.30	16.30	0.067	0.031	16.30	13.30	0.034	0.016	0.227	0.277
	Top side	19.30	16.30	0.020	0.539	16.30	13.30	0.010	0.270	0.190	0.470
	Bottom side	19.30	16.30			16.30	13.30				0.000
LTE Band 13_UAT	Front	19.30	16.30	0.179	0.230	16.30	13.30	0.090	0.115	0.132	0.337
	Back	19.30	16.30	0.261	0.242	16.30	13.30	0.131	0.121	0.793	1.045
	Left side	19.30	16.30	0.423	0.076	16.30	13.30	0.212	0.038		0.250
	Right side	19.30	16.30	0.010	0.031	16.30	13.30	0.005	0.016	0.227	0.248
	Top side	19.30	16.30	0.017	0.539	16.30	13.30	0.009	0.270	0.190	0.469
	Bottom side	19.30	16.30			16.30	13.30				0.000



Hotspot		Standalone				UL CA active				WLAN			Inter-band UL CA summation		
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	4	6	7	1+8+4 Summed 1g SAR (W/kg)	1+8+4+6 Summed 1g SAR (W/kg)	1+8+4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)			
LTE Band 2_UAT	Front	13.30	19.30	0.187	0.151	10.30	16.30	0.094	0.075	0.060	0.107	0.002	0.229	0.336	0.231
	Back	13.30	19.30	0.205	0.232	10.30	16.30	0.103	0.116	0.721	0.071	0.122	0.940	1.011	1.062
	Left side	13.30	19.30	0.036	0.384	10.30	16.30	0.018	0.192				0.210	0.210	0.210
	Right side	13.30	19.30	0.025	0.067	10.30	16.30	0.012	0.034	0.341	0.007	0.002	0.387	0.394	0.389
	Top side	13.30	19.30	0.350	0.020	10.30	16.30	0.175	0.010	0.195	0.150	0.002	0.380	0.530	0.382
	Bottom side	13.30	19.30			10.30	16.30							0.000	0.000
LTE Band 4_UAT	Front	16.30	19.30	0.230	0.151	13.30	16.30	0.115	0.075	0.060	0.107	0.002	0.250	0.357	0.252
	Back	16.30	19.30	0.242	0.232	13.30	16.30	0.121	0.116	0.721	0.071	0.122	0.958	1.029	1.080
	Left side	16.30	19.30	0.076	0.384	13.30	16.30	0.038	0.192				0.230	0.230	0.230
	Right side	16.30	19.30	0.031	0.067	13.30	16.30	0.016	0.034	0.341	0.007	0.002	0.391	0.398	0.393
	Top side	16.30	19.30	0.539	0.020	13.30	16.30	0.270	0.010	0.195	0.150	0.002	0.475	0.625	0.477
	Bottom side	16.30	19.30			13.30	16.30							0.000	0.000
Hotspot		Standalone				UL CA active				WLAN			Inter-band UL CA summation		
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	4	6	7	1+8+4 Summed 1g SAR (W/kg)	1+8+4+6 Summed 1g SAR (W/kg)	1+8+4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)			
LTE Band 2_UAT	Front	13.30	19.30	0.187	0.179	10.30	16.30	0.094	0.090	0.060	0.107	0.002	0.244	0.351	0.246
	Back	13.30	19.30	0.205	0.261	10.30	16.30	0.103	0.131	0.721	0.071	0.122	0.955	1.026	1.077
	Left side	13.30	19.30	0.036	0.423	10.30	16.30	0.018	0.212				0.230	0.230	0.230
	Right side	13.30	19.30	0.025	0.010	10.30	16.30	0.012	0.005	0.341	0.007	0.002	0.358	0.365	0.360
	Top side	13.30	19.30	0.350	0.017	10.30	16.30	0.175	0.009	0.195	0.150	0.002	0.379	0.529	0.381
	Bottom side	13.30	19.30			10.30	16.30							0.000	0.000
LTE Band 4_UAT	Front	16.30	19.30	0.230	0.179	13.30	16.30	0.115	0.090	0.060	0.107	0.002	0.265	0.372	0.267
	Back	16.30	19.30	0.242	0.261	13.30	16.30	0.121	0.131	0.721	0.071	0.122	0.973	1.044	1.095
	Left side	16.30	19.30	0.076	0.423	13.30	16.30	0.038	0.212				0.250	0.250	0.250
	Right side	16.30	19.30	0.031	0.010	13.30	16.30	0.016	0.005	0.341	0.007	0.002	0.362	0.369	0.364
	Top side	16.30	19.30	0.539	0.017	13.30	16.30	0.270	0.009	0.195	0.150	0.002	0.474	0.624	0.476
	Bottom side	16.30	19.30			13.30	16.30							0.000	0.000



Hotspot		Standalone				UL CA active				WLAN			Inter-band UL CA summation		
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	4	6	7	1+8+4 Summed 1g SAR (W/kg)	1+8+4+6 Summed 1g SAR (W/kg)	1+8+4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B66	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B66	5GHz WLAN Ant 1+2	Bluetooth Ant 1	Bluetooth Ant 2			
				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 12_UAT	Front	19.30	16.30	0.151	0.230	16.30	13.30	0.075	0.115	0.060	0.107	0.002	0.250	0.357	0.252
	Back	19.30	16.30	0.232	0.242	16.30	13.30	0.116	0.121	0.721	0.071	0.122	0.958	1.029	1.080
	Left side	19.30	16.30	0.384	0.076	16.30	13.30	0.192	0.038				0.230	0.230	0.230
	Right side	19.30	16.30	0.067	0.031	16.30	13.30	0.034	0.016	0.341	0.007	0.002	0.391	0.398	0.393
	Top side	19.30	16.30	0.020	0.539	16.30	13.30	0.010	0.270	0.195	0.150	0.002	0.475	0.625	0.477
	Bottom side	19.30	16.30			16.30	13.30							0.000	0.000
LTE Band 13_UAT	Front	19.30	16.30	0.179	0.230	16.30	13.30	0.090	0.115	0.060	0.107	0.002	0.265	0.372	0.267
	Back	19.30	16.30	0.261	0.242	16.30	13.30	0.131	0.121	0.721	0.071	0.122	0.973	1.044	1.095
	Left side	19.30	16.30	0.423	0.076	16.30	13.30	0.212	0.038				0.250	0.250	0.250
	Right side	19.30	16.30	0.010	0.031	16.30	13.30	0.005	0.016	0.341	0.007	0.002	0.362	0.369	0.364
	Top side	19.30	16.30	0.017	0.539	16.30	13.30	0.009	0.270	0.195	0.150	0.002	0.474	0.624	0.476
	Bottom side	19.30	16.30			16.30	13.30							0.000	0.000

Hotspot		Standalone				UL CA active				WLAN		Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	1+8+2+4 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 2_UAT	Front	13.30	19.30	0.187	0.151	10.30	16.30	0.094	0.075	0.047	0.029	0.245
	Back	13.30	19.30	0.205	0.232	10.30	16.30	0.103	0.116	0.334	0.360	0.913
	Left side	13.30	19.30	0.036	0.384	10.30	16.30	0.018	0.192			0.210
	Right side	13.30	19.30	0.025	0.067	10.30	16.30	0.012	0.034	0.092	0.178	0.316
	Top side	13.30	19.30	0.350	0.020	10.30	16.30	0.175	0.010	0.081	0.109	0.375
	Bottom side	13.30	19.30			10.30	16.30					
LTE Band 4_UAT	Front	16.30	19.30	0.230	0.151	13.30	16.30	0.115	0.075	0.047	0.029	0.266
	Back	16.30	19.30	0.242	0.232	13.30	16.30	0.121	0.116	0.334	0.360	0.931
	Left side	16.30	19.30	0.076	0.384	13.30	16.30	0.038	0.192			0.230
	Right side	16.30	19.30	0.031	0.067	13.30	16.30	0.016	0.034	0.092	0.178	0.320
	Top side	16.30	19.30	0.539	0.020	13.30	16.30	0.270	0.010	0.081	0.109	0.470
	Bottom side	16.30	19.30			13.30	16.30					
Hotspot		Standalone				UL CA active				WLAN		Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	1+8+2+4 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 2_UAT	Front	13.30	19.30	0.187	0.179	10.30	16.30	0.094	0.090	0.047	0.029	0.260
	Back	13.30	19.30	0.205	0.261	10.30	16.30	0.103	0.131	0.334	0.360	0.928
	Left side	13.30	19.30	0.036	0.423	10.30	16.30	0.018	0.212			0.230
	Right side	13.30	19.30	0.025	0.010	10.30	16.30	0.012	0.005	0.092	0.178	0.287
	Top side	13.30	19.30	0.350	0.017	10.30	16.30	0.175	0.009	0.081	0.109	0.374
	Bottom side	13.30	19.30			10.30	16.30					
LTE Band 4_UAT	Front	16.30	19.30	0.230	0.179	13.30	16.30	0.115	0.090	0.047	0.029	0.281
	Back	16.30	19.30	0.242	0.261	13.30	16.30	0.121	0.131	0.334	0.360	0.946
	Left side	16.30	19.30	0.076	0.423	13.30	16.30	0.038	0.212			0.250
	Right side	16.30	19.30	0.031	0.010	13.30	16.30	0.016	0.005	0.092	0.178	0.291
	Top side	16.30	19.30	0.539	0.017	13.30	16.30	0.270	0.009	0.081	0.109	0.469
	Bottom side	16.30	19.30			13.30	16.30					



Hotspot		Standalone				UL CA active				WLAN		Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	1+8+2+4 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 12_UAT	Front	19.30	16.30	0.151	0.230	16.30	13.30	0.075	0.115	0.047	0.029	0.266
	Back	19.30	16.30	0.232	0.242	16.30	13.30	0.116	0.121	0.334	0.360	0.931
	Left side	19.30	16.30	0.384	0.076	16.30	13.30	0.192	0.038			0.230
	Right side	19.30	16.30	0.067	0.031	16.30	13.30	0.034	0.016	0.092	0.178	0.320
	Top side	19.30	16.30	0.020	0.539	16.30	13.30	0.010	0.270	0.081	0.109	0.470
	Bottom side	19.30	16.30			16.30	13.30					
LTE Band 13_UAT	Front	19.30	16.30	0.179	0.230	16.30	13.30	0.090	0.115	0.047	0.029	0.281
	Back	19.30	16.30	0.261	0.242	16.30	13.30	0.131	0.121	0.334	0.360	0.946
	Left side	19.30	16.30	0.423	0.076	16.30	13.30	0.212	0.038			0.250
	Right side	19.30	16.30	0.010	0.031	16.30	13.30	0.005	0.016	0.092	0.178	0.291
	Top side	19.30	16.30	0.017	0.539	16.30	13.30	0.009	0.270	0.081	0.109	0.469
	Bottom side	19.30	16.30			16.30	13.30					



Hotspot		Standalone				UL CA active				WLAN				Inter-band UL CA summation			
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	6	7	1+8+6 Summed 1g SAR (W/kg)	1+8+7 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B12	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B12	2.4GHz WLAN Ant 1+2	5GHz WLAN Ant 1+2	Bluetooth Ant 1	Bluetooth Ant 2				
				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 2_LAT	Front	20.30	23.80	0.628	0.289	17.30	20.80	0.315	0.145	0.155	0.078	0.107	0.002	0.567	0.462	0.185	0.080
	Back	20.30	23.80	0.662	0.335	17.30	20.80	0.332	0.168	0.988	0.994	0.071	0.122	0.571	0.622	1.065	1.116
	Left side	20.30	23.80	0.137	0.170	17.30	20.80	0.069	0.085					0.154	0.154	0.000	0.000
	Right side	20.30	23.80	0.182	0.239	17.30	20.80	0.091	0.120	0.255	0.456	0.007	0.002	0.218	0.213	0.463	0.458
	Top side	20.30	23.80			17.30	20.80			0.332	0.276	0.150	0.002	0.150	0.002	0.426	0.278
	Bottom side	20.30	23.80	0.899	0.214	17.30	20.80	0.450	0.107					0.557	0.557	0.000	0.000
LTE Band 4_LAT	Front	20.80	23.80	0.464	0.289	17.80	20.80	0.233	0.145	0.155	0.078	0.107	0.002	0.485	0.380	0.185	0.080
	Back	20.80	23.80	0.580	0.335	17.80	20.80	0.291	0.168	0.988	0.994	0.071	0.122	0.530	0.581	1.065	1.116
	Left side	20.80	23.80	0.192	0.170	17.80	20.80	0.096	0.085					0.181	0.181	0.000	0.000
	Right side	20.80	23.80	0.132	0.239	17.80	20.80	0.066	0.120	0.255	0.456	0.007	0.002	0.193	0.188	0.463	0.458
	Top side	20.80	23.80			17.80	20.80			0.332	0.276	0.150	0.002	0.150	0.002	0.426	0.278
	Bottom side	20.80	23.80	0.847	0.214	17.80	20.80	0.424	0.107					0.531	0.531	0.000	0.000
Hotspot		Standalone				UL CA active				WLAN				Inter-band UL CA summation			
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	6	7	1+8+6 Summed 1g SAR (W/kg)	1+8+7 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B13	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B13	2.4GHz WLAN Ant 1+2	5GHz WLAN Ant 1+2	Bluetooth Ant 1	Bluetooth Ant 2				
				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 2_LAT	Front	20.30	23.80	0.628	0.484	17.30	20.80	0.315	0.243	0.155	0.078	0.107	0.002	0.665	0.560	0.185	0.080
	Back	20.30	23.80	0.662	0.623	17.30	20.80	0.332	0.312	0.988	0.994	0.071	0.122	0.715	0.766	1.065	1.116
	Left side	20.30	23.80	0.137	0.244	17.30	20.80	0.069	0.122					0.191	0.191	0.000	0.000
	Right side	20.30	23.80	0.182	0.502	17.30	20.80	0.091	0.252	0.255	0.456	0.007	0.002	0.350	0.345	0.463	0.458
	Top side	20.30	23.80			17.30	20.80			0.332	0.276	0.150	0.002	0.150	0.002	0.426	0.278
	Bottom side	20.30	23.80	0.899	0.318	17.30	20.80	0.450	0.159					0.609	0.609	0.000	0.000
LTE Band 4_LAT	Front	20.80	23.80	0.464	0.484	17.80	20.80	0.233	0.243	0.155	0.078	0.107	0.002	0.583	0.478	0.185	0.080
	Back	20.80	23.80	0.580	0.623	17.80	20.80	0.291	0.312	0.988	0.994	0.071	0.122	0.674	0.725	1.065	1.116
	Left side	20.80	23.80	0.192	0.244	17.80	20.80	0.096	0.122					0.218	0.218	0.000	0.000
	Right side	20.80	23.80	0.132	0.502	17.80	20.80	0.066	0.252	0.255	0.456	0.007	0.002	0.325	0.320	0.463	0.458
	Top side	20.80	23.80			17.80	20.80			0.332	0.276	0.150	0.002	0.150	0.002	0.426	0.278
	Bottom side	20.80	23.80	0.847	0.318	17.80	20.80	0.424	0.159					0.583	0.583	0.000	0.000



Hotspot		Standalone				UL CA active				WLAN				Inter-band UL CA summation			
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	6	7	1+8+6 Summed 1g SAR (W/kg)	1+8+7 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)				
LTE Band 12_LAT	Front	23.80	20.80	0.289	0.464	20.80	17.80	0.145	0.233	0.155	0.078	0.107	0.002	0.485	0.380	0.185	0.080
	Back	23.80	20.80	0.335	0.580	20.80	17.80	0.168	0.291	0.988	0.994	0.071	0.122	0.530	0.581	1.065	1.116
	Left side	23.80	20.80	0.170	0.192	20.80	17.80	0.085	0.096					0.181	0.181	0.000	0.000
	Right side	23.80	20.80	0.239	0.132	20.80	17.80	0.120	0.066	0.255	0.456	0.007	0.002	0.193	0.188	0.463	0.458
	Top side	23.80	20.80			20.80	17.80			0.332	0.276	0.150	0.002	0.150	0.002	0.426	0.278
	Bottom side	23.80	20.80	0.214	0.847	20.80	17.80	0.107	0.424					0.531	0.531	0.000	0.000
LTE Band 13_LAT	Front	23.80	20.80	0.484	0.464	20.80	17.80	0.243	0.233	0.155	0.078	0.107	0.002	0.583	0.478	0.185	0.080
	Back	23.80	20.80	0.623	0.580	20.80	17.80	0.312	0.291	0.988	0.994	0.071	0.122	0.674	0.725	1.065	1.116
	Left side	23.80	20.80	0.244	0.192	20.80	17.80	0.122	0.096					0.218	0.218	0.000	0.000
	Right side	23.80	20.80	0.502	0.132	20.80	17.80	0.252	0.066	0.255	0.456	0.007	0.002	0.325	0.320	0.463	0.458
	Top side	23.80	20.80			20.80	17.80			0.332	0.276	0.150	0.002	0.150	0.002	0.426	0.278
	Bottom side	23.80	20.80	0.318	0.847	20.80	17.80	0.159	0.424					0.583	0.583	0.000	0.000



Hotspot		Standalone				UL CA active				WLAN	Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	1+8+2 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 2_LAT	Front	20.30	23.80	0.628	0.289	17.30	20.80	0.315	0.145	0.132	0.592
	Back	20.30	23.80	0.662	0.335	17.30	20.80	0.332	0.168	0.793	1.293
	Left side	20.30	23.80	0.137	0.170	17.30	20.80	0.069	0.085		0.154
	Right side	20.30	23.80	0.182	0.239	17.30	20.80	0.091	0.120	0.227	0.438
	Top side	20.30	23.80			17.30	20.80			0.190	0.190
	Bottom side	20.30	23.80	0.899	0.214	17.30	20.80	0.450	0.107		0.557
LTE Band 4_LAT	Front	20.80	23.80	0.464	0.289	17.80	20.80	0.233	0.145	0.132	0.510
	Back	20.80	23.80	0.580	0.335	17.80	20.80	0.291	0.168	0.793	1.252
	Left side	20.80	23.80	0.192	0.170	17.80	20.80	0.096	0.085		0.181
	Right side	20.80	23.80	0.132	0.239	17.80	20.80	0.066	0.120	0.227	0.413
	Top side	20.80	23.80			17.80	20.80			0.190	0.190
	Bottom side	20.80	23.80	0.847	0.214	17.80	20.80	0.424	0.107		0.531
Hotspot		Standalone				UL CA active				WLAN	Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	1+8+2 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 2_LAT	Front	20.30	23.80	0.628	0.484	17.30	20.80	0.315	0.243	0.132	0.690
	Back	20.30	23.80	0.662	0.623	17.30	20.80	0.332	0.312	0.793	1.437
	Left side	20.30	23.80	0.137	0.244	17.30	20.80	0.069	0.122		0.191
	Right side	20.30	23.80	0.182	0.502	17.30	20.80	0.091	0.252	0.227	0.570
	Top side	20.30	23.80			17.30	20.80			0.190	0.190
	Bottom side	20.30	23.80	0.899	0.318	17.30	20.80	0.450	0.159		0.609
LTE Band 4_LAT	Front	20.80	23.80	0.464	0.484	17.80	20.80	0.233	0.243	0.132	0.608
	Back	20.80	23.80	0.580	0.623	17.80	20.80	0.291	0.312	0.793	1.396
	Left side	20.80	23.80	0.192	0.244	17.80	20.80	0.096	0.122		0.218
	Right side	20.80	23.80	0.132	0.502	17.80	20.80	0.066	0.252	0.227	0.545
	Top side	20.80	23.80			17.80	20.80			0.190	0.190
	Bottom side	20.80	23.80	0.847	0.318	17.80	20.80	0.424	0.159		0.583



Hotspot		Standalone				UL CA active				WLAN	Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	1+8+2 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B66	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B66	2.4GHz WLAN Ant 1+2	
				1g SAR (W/kg)	1g SAR (W/kg)			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
LTE Band 12_LAT	Front	23.80	20.80	0.289	0.464	20.80	17.80	0.145	0.233	0.132	0.510
	Back	23.80	20.80	0.335	0.580	20.80	17.80	0.168	0.291	0.793	1.252
	Left side	23.80	20.80	0.170	0.192	20.80	17.80	0.085	0.096		0.181
	Right side	23.80	20.80	0.239	0.132	20.80	17.80	0.120	0.066	0.227	0.413
	Top side	23.80	20.80			20.80	17.80			0.190	0.190
	Bottom side	23.80	20.80	0.214	0.847	20.80	17.80	0.107	0.424		0.531
LTE Band 13_LAT	Front	23.80	20.80	0.484	0.464	20.80	17.80	0.243	0.233	0.132	0.608
	Back	23.80	20.80	0.623	0.580	20.80	17.80	0.312	0.291	0.793	1.396
	Left side	23.80	20.80	0.244	0.192	20.80	17.80	0.122	0.096		0.218
	Right side	23.80	20.80	0.502	0.132	20.80	17.80	0.252	0.066	0.227	0.545
	Top side	23.80	20.80			20.80	17.80			0.190	0.190
	Bottom side	23.80	20.80	0.318	0.847	20.80	17.80	0.159	0.424		0.583



Hotspot		Standalone				UL CA active				WLAN			Inter-band UL CA summation		
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	4	6	7	1+8+4 Summed 1g SAR (W/kg)	1+8+4+6 Summed 1g SAR (W/kg)	1+8+4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)			
LTE Band 2_LAT	Front	20.30	23.80	0.628	0.289	17.30	20.80	0.315	0.145	0.060	0.107	0.002	0.520	0.627	0.522
	Back	20.30	23.80	0.662	0.335	17.30	20.80	0.332	0.168	0.721	0.071	0.122	1.221	1.292	1.343
	Left side	20.30	23.80	0.137	0.170	17.30	20.80	0.069	0.085				0.154	0.154	0.154
	Right side	20.30	23.80	0.182	0.239	17.30	20.80	0.091	0.120	0.341	0.007	0.002	0.552	0.559	0.554
	Top side	20.30	23.80			17.30	20.80			0.195	0.150	0.002	0.195	0.345	0.197
	Bottom side	20.30	23.80	0.899	0.214	17.30	20.80	0.450	0.107				0.557	0.557	0.557
LTE Band 4_LAT	Front	20.80	23.80	0.464	0.289	17.80	20.80	0.233	0.145	0.060	0.107	0.002	0.438	0.545	0.440
	Back	20.80	23.80	0.580	0.335	17.80	20.80	0.291	0.168	0.721	0.071	0.122	1.180	1.251	1.302
	Left side	20.80	23.80	0.192	0.170	17.80	20.80	0.096	0.085				0.181	0.181	0.181
	Right side	20.80	23.80	0.132	0.239	17.80	20.80	0.066	0.120	0.341	0.007	0.002	0.527	0.534	0.529
	Top side	20.80	23.80			17.80	20.80			0.195	0.150	0.002	0.195	0.345	0.197
	Bottom side	20.80	23.80	0.847	0.214	17.80	20.80	0.424	0.107				0.531	0.531	0.531
Hotspot		Standalone				UL CA active				WLAN			Inter-band UL CA summation		
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	4	6	7	1+8+4 Summed 1g SAR (W/kg)	1+8+4+6 Summed 1g SAR (W/kg)	1+8+4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)			
LTE Band 2_LAT	Front	20.30	23.80	0.628	0.484	17.30	20.80	0.315	0.243	0.060	0.107	0.002	0.618	0.725	0.620
	Back	20.30	23.80	0.662	0.623	17.30	20.80	0.332	0.312	0.721	0.071	0.122	1.365	1.436	1.487
	Left side	20.30	23.80	0.137	0.244	17.30	20.80	0.069	0.122				0.191	0.191	0.191
	Right side	20.30	23.80	0.182	0.502	17.30	20.80	0.091	0.252	0.341	0.007	0.002	0.684	0.691	0.686
	Top side	20.30	23.80			17.30	20.80			0.195	0.150	0.002	0.195	0.345	0.197
	Bottom side	20.30	23.80	0.899	0.318	17.30	20.80	0.450	0.159				0.609	0.609	0.609
LTE Band 4_LAT	Front	20.80	23.80	0.464	0.484	17.80	20.80	0.233	0.243	0.060	0.107	0.002	0.536	0.643	0.538
	Back	20.80	23.80	0.580	0.623	17.80	20.80	0.291	0.312	0.721	0.071	0.122	1.324	1.395	1.446
	Left side	20.80	23.80	0.192	0.244	17.80	20.80	0.096	0.122				0.218	0.218	0.218
	Right side	20.80	23.80	0.132	0.502	17.80	20.80	0.066	0.252	0.341	0.007	0.002	0.659	0.666	0.661
	Top side	20.80	23.80			17.80	20.80			0.195	0.150	0.002	0.195	0.345	0.197
	Bottom side	20.80	23.80	0.847	0.318	17.80	20.80	0.424	0.159				0.583	0.583	0.583



Hotspot		Standalone				UL CA active				WLAN			Inter-band UL CA summation		
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	4	6	7	1+8+4 Summed 1g SAR (W/kg)	1+8+4+6 Summed 1g SAR (W/kg)	1+8+4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)			
LTE Band 12_LAT	Front	23.80	20.80	0.289	0.464	20.80	17.80	0.145	0.233	0.060	0.107	0.002	0.438	0.545	0.440
	Back	23.80	20.80	0.335	0.580	20.80	17.80	0.168	0.291	0.721	0.071	0.122	1.180	1.251	1.302
	Left side	23.80	20.80	0.170	0.192	20.80	17.80	0.085	0.096				0.181	0.181	0.181
	Right side	23.80	20.80	0.239	0.132	20.80	17.80	0.120	0.066	0.341	0.007	0.002	0.527	0.534	0.529
	Top side	23.80	20.80			20.80	17.80			0.195	0.150	0.002	0.195	0.345	0.197
	Bottom side	23.80	20.80	0.214	0.847	20.80	17.80	0.107	0.424				0.531	0.531	0.531
LTE Band 13_LAT	Front	23.80	20.80	0.484	0.464	20.80	17.80	0.243	0.233	0.060	0.107	0.002	0.536	0.643	0.538
	Back	23.80	20.80	0.623	0.580	20.80	17.80	0.312	0.291	0.721	0.071	0.122	1.324	1.395	1.446
	Left side	23.80	20.80	0.244	0.192	20.80	17.80	0.122	0.096				0.218	0.218	0.218
	Right side	23.80	20.80	0.502	0.132	20.80	17.80	0.252	0.066	0.341	0.007	0.002	0.659	0.666	0.661
	Top side	23.80	20.80			20.80	17.80			0.195	0.150	0.002	0.195	0.345	0.197
	Bottom side	23.80	20.80	0.318	0.847	20.80	17.80	0.159	0.424				0.583	0.583	0.583



Hotspot		Standalone				UL CA active				WLAN		Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	1+8+2+4 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B12	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B12	2.4GHz WLAN Ant 1+2	5GHz WLAN Ant 1+2	
				1g SAR (W/kg)	1g SAR (W/kg)			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
LTE Band 2_LAT	Front	20.30	23.80	0.628	0.289	17.30	20.80	0.315	0.145	0.047	0.029	0.536
	Back	20.30	23.80	0.662	0.335	17.30	20.80	0.332	0.168	0.334	0.360	1.194
	Left side	20.30	23.80	0.137	0.170	17.30	20.80	0.069	0.085			0.154
	Right side	20.30	23.80	0.182	0.239	17.30	20.80	0.091	0.120	0.092	0.178	0.481
	Top side	20.30	23.80			17.30	20.80			0.081	0.109	0.190
	Bottom side	20.30	23.80	0.899	0.214	17.30	20.80	0.450	0.107			0.557
LTE Band 4_LAT	Front	20.80	23.80	0.464	0.289	17.80	20.80	0.233	0.145	0.047	0.029	0.454
	Back	20.80	23.80	0.580	0.335	17.80	20.80	0.291	0.168	0.334	0.360	1.153
	Left side	20.80	23.80	0.192	0.170	17.80	20.80	0.096	0.085			0.181
	Right side	20.80	23.80	0.132	0.239	17.80	20.80	0.066	0.120	0.092	0.178	0.456
	Top side	20.80	23.80			17.80	20.80			0.081	0.109	0.190
	Bottom side	20.80	23.80	0.847	0.214	17.80	20.80	0.424	0.107			0.531
Hotspot		Standalone				UL CA active				WLAN		Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	1+8+2+4 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B13	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B13	2.4GHz WLAN Ant 1+2	5GHz WLAN Ant 1+2	
				1g SAR (W/kg)	1g SAR (W/kg)			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
LTE Band 2_LAT	Front	20.30	23.80	0.628	0.484	17.30	20.80	0.315	0.243	0.047	0.029	0.634
	Back	20.30	23.80	0.662	0.623	17.30	20.80	0.332	0.312	0.334	0.360	1.338
	Left side	20.30	23.80	0.137	0.244	17.30	20.80	0.069	0.122			0.191
	Right side	20.30	23.80	0.182	0.502	17.30	20.80	0.091	0.252	0.092	0.178	0.613
	Top side	20.30	23.80			17.30	20.80			0.081	0.109	0.190
	Bottom side	20.30	23.80	0.899	0.318	17.30	20.80	0.450	0.159			0.609
LTE Band 4_LAT	Front	20.80	23.80	0.464	0.484	17.80	20.80	0.233	0.243	0.047	0.029	0.552
	Back	20.80	23.80	0.580	0.623	17.80	20.80	0.291	0.312	0.334	0.360	1.297
	Left side	20.80	23.80	0.192	0.244	17.80	20.80	0.096	0.122			0.218
	Right side	20.80	23.80	0.132	0.502	17.80	20.80	0.066	0.252	0.092	0.178	0.588
	Top side	20.80	23.80			17.80	20.80			0.081	0.109	0.190
	Bottom side	20.80	23.80	0.847	0.318	17.80	20.80	0.424	0.159			0.583



Hotspot		Standalone				UL CA active				WLAN		Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	1+8+2+4 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 12_LAT	Front	23.80	20.80	0.289	0.464	20.80	17.80	0.145	0.233	0.047	0.029	0.454
	Back	23.80	20.80	0.335	0.580	20.80	17.80	0.168	0.291	0.334	0.360	1.153
	Left side	23.80	20.80	0.170	0.192	20.80	17.80	0.085	0.096			0.181
	Right side	23.80	20.80	0.239	0.132	20.80	17.80	0.120	0.066	0.092	0.178	0.456
	Top side	23.80	20.80			20.80	17.80			0.081	0.109	0.190
	Bottom side	23.80	20.80	0.214	0.847	20.80	17.80	0.107	0.424			0.531
LTE Band 13_LAT	Front	23.80	20.80	0.484	0.464	20.80	17.80	0.243	0.233	0.047	0.029	0.552
	Back	23.80	20.80	0.623	0.580	20.80	17.80	0.312	0.291	0.334	0.360	1.297
	Left side	23.80	20.80	0.244	0.192	20.80	17.80	0.122	0.096			0.218
	Right side	23.80	20.80	0.502	0.132	20.80	17.80	0.252	0.066	0.092	0.178	0.588
	Top side	23.80	20.80			20.80	17.80			0.081	0.109	0.190
	Bottom side	23.80	20.80	0.318	0.847	20.80	17.80	0.159	0.424			0.583



<Body-worn exposure condition>

Body-worn		Standalone				UL CA active				WLAN				Inter-band UL CA summation			
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	6	7	1+8+6 Summed 1g SAR (W/kg)	1+8+7 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)				
LTE Band 2_UAT	Front	22.30	23.80	0.380	0.325	19.30	20.80	0.190	0.163	0.142	0.140	0.052	0.002	0.405	0.355	0.192	0.142
	Back	22.30	23.80	0.510	0.375	19.30	20.80	0.256	0.188	0.849	1.071	0.045	0.046	0.489	0.490	1.116	1.117
LTE Band 4_UAT	Front	22.30	23.80	0.301	0.325	19.30	20.80	0.151	0.163	0.142	0.140	0.052	0.002	0.366	0.316	0.192	0.142
	Back	22.30	23.80	0.383	0.375	19.30	20.80	0.192	0.188	0.849	1.071	0.045	0.046	0.425	0.426	1.116	1.117
Body-worn		Standalone				UL CA active				WLAN				Inter-band UL CA summation			
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	6	7	1+8+6 Summed 1g SAR (W/kg)	1+8+7 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)				
LTE Band 2_UAT	Front	22.30	23.80	0.380	0.187	19.30	20.80	0.190	0.094	0.142	0.140	0.052	0.002	0.336	0.286	0.192	0.142
	Back	22.30	23.80	0.510	0.409	19.30	20.80	0.256	0.205	0.849	1.071	0.045	0.046	0.506	0.507	1.116	1.117
LTE Band 4_UAT	Front	22.30	23.80	0.301	0.187	19.30	20.80	0.151	0.094	0.142	0.140	0.052	0.002	0.297	0.247	0.192	0.142
	Back	22.30	23.80	0.383	0.409	19.30	20.80	0.192	0.205	0.849	1.071	0.045	0.046	0.442	0.443	1.116	1.117
Body-worn		Standalone				UL CA active				WLAN				Inter-band UL CA summation			
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	6	7	1+8+6 Summed 1g SAR (W/kg)	1+8+7 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)				
LTE Band 12_UAT	Front	23.80	22.30	0.325	0.301	20.80	19.30	0.163	0.151	0.142	0.140	0.052	0.002	0.366	0.316	0.192	0.142
	Back	23.80	22.30	0.375	0.322	20.80	19.30	0.188	0.161	0.849	1.071	0.045	0.046	0.394	0.395	1.116	1.117
LTE Band 13_UAT	Front	23.80	22.30	0.188	0.301	20.80	19.30	0.094	0.151	0.142	0.140	0.052	0.002	0.297	0.247	0.192	0.142
	Back	23.80	22.30	0.409	0.322	20.80	19.30	0.205	0.161	0.849	1.071	0.045	0.046	0.411	0.412	1.116	1.117



Body-worn		Standalone				UL CA active				WLAN	Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	1+8+2 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B12	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B12	2.4GHz WLAN Ant 1+2	
				1g SAR (W/kg)	1g SAR (W/kg)			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
LTE Band 2_UAT	Front	22.30	23.80	0.380	0.325	19.30	20.80	0.190	0.163	0.063	0.416
	Back	22.30	23.80	0.510	0.375	19.30	20.80	0.256	0.188	0.342	0.786
LTE Band 4_UAT	Front	22.30	23.80	0.301	0.325	19.30	20.80	0.151	0.163	0.063	0.377
	Back	22.30	23.80	0.383	0.375	19.30	20.80	0.192	0.188	0.342	0.722
Body-worn		Standalone				UL CA active				WLAN	Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	1+8+2 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B13	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B13	2.4GHz WLAN Ant 1+2	
				1g SAR (W/kg)	1g SAR (W/kg)			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
LTE Band 2_UAT	Front	22.30	23.80	0.380	0.187	19.30	20.80	0.190	0.094	0.063	0.347
	Back	22.30	23.80	0.510	0.409	19.30	20.80	0.256	0.205	0.342	0.803
LTE Band 4_UAT	Front	22.30	23.80	0.301	0.187	19.30	20.80	0.151	0.094	0.063	0.308
	Back	22.30	23.80	0.383	0.409	19.30	20.80	0.192	0.205	0.342	0.739
Body-worn		Standalone				UL CA active				WLAN	Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	1+8+2 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B66	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B66	2.4GHz WLAN Ant 1+2	
				1g SAR (W/kg)	1g SAR (W/kg)			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
LTE Band 12_UAT	Front	23.80	22.30	0.325	0.301	20.80	19.30	0.163	0.151	0.063	0.377
	Back	23.80	22.30	0.375	0.322	20.80	19.30	0.188	0.161	0.342	0.691
LTE Band 13_UAT	Front	23.80	22.30	0.188	0.301	20.80	19.30	0.094	0.151	0.063	0.308
	Back	23.80	22.30	0.409	0.322	20.80	19.30	0.205	0.161	0.342	0.708



Body-worn		Standalone				UL CA active				WLAN			Inter-band UL CA summation		
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	4	6	7	1+8+4 Summed 1g SAR (W/kg)	1+8+4+6 Summed 1g SAR (W/kg)	1+8+4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)			
LTE Band 2_UAT	Front	22.30	23.80	0.380	0.325	19.30	20.80	0.190	0.163	0.083	0.052	0.002	0.436	0.488	0.438
	Back	22.30	23.80	0.510	0.375	19.30	20.80	0.256	0.188	0.623	0.045	0.046	1.067	1.112	1.113
LTE Band 4_UAT	Front	22.30	23.80	0.301	0.325	19.30	20.80	0.151	0.163	0.083	0.052	0.002	0.397	0.449	0.399
	Back	22.30	23.80	0.383	0.375	19.30	20.80	0.192	0.188	0.623	0.045	0.046	1.003	1.048	1.049
Body-worn		Standalone				UL CA active				WLAN			Inter-band UL CA summation		
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	4	6	7	1+8+4 Summed 1g SAR (W/kg)	1+8+4+6 Summed 1g SAR (W/kg)	1+8+4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)			
LTE Band 2_UAT	Front	22.30	23.80	0.380	0.187	19.30	20.80	0.190	0.094	0.083	0.052	0.002	0.367	0.419	0.369
	Back	22.30	23.80	0.510	0.409	19.30	20.80	0.256	0.205	0.623	0.045	0.046	1.084	1.129	1.130
LTE Band 4_UAT	Front	22.30	23.80	0.301	0.187	19.30	20.80	0.151	0.094	0.083	0.052	0.002	0.328	0.380	0.330
	Back	22.30	23.80	0.383	0.409	19.30	20.80	0.192	0.205	0.623	0.045	0.046	1.020	1.065	1.066
Body-worn		Standalone				UL CA active				WLAN			Inter-band UL CA summation		
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	4	6	7	1+8+4 Summed 1g SAR (W/kg)	1+8+4+6 Summed 1g SAR (W/kg)	1+8+4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)			
LTE Band 12_UAT	Front	23.80	22.30	0.325	0.301	20.80	19.30	0.163	0.151	0.083	0.052	0.002	0.397	0.449	0.399
	Back	23.80	22.30	0.375	0.322	20.80	19.30	0.188	0.161	0.623	0.045	0.046	0.972	1.017	1.018
LTE Band 13_UAT	Front	23.80	22.30	0.188	0.301	20.80	19.30	0.094	0.151	0.083	0.052	0.002	0.328	0.380	0.330
	Back	23.80	22.30	0.409	0.322	20.80	19.30	0.205	0.161	0.623	0.045	0.046	0.989	1.034	1.035



Body-worn		Standalone				UL CA active				WLAN		Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	1+8+2+4 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 2_UAT	Front	22.30	23.80	0.380	0.325	19.30	20.80	0.190	0.163	0.024	0.050	0.427
	Back	22.30	23.80	0.510	0.375	19.30	20.80	0.256	0.188	0.140	0.414	0.998
LTE Band 4_UAT	Front	22.30	23.80	0.301	0.325	19.30	20.80	0.151	0.163	0.024	0.050	0.388
	Back	22.30	23.80	0.383	0.375	19.30	20.80	0.192	0.188	0.140	0.414	0.934
Body-worn		Standalone				UL CA active				WLAN		Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	1+8+2+4 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 2_UAT	Front	22.30	23.80	0.380	0.187	19.30	20.80	0.190	0.094	0.024	0.050	0.358
	Back	22.30	23.80	0.510	0.409	19.30	20.80	0.256	0.205	0.140	0.414	1.015
LTE Band 4_UAT	Front	22.30	23.80	0.301	0.187	19.30	20.80	0.151	0.094	0.024	0.050	0.319
	Back	22.30	23.80	0.383	0.409	19.30	20.80	0.192	0.205	0.140	0.414	0.951
Body-worn		Standalone				UL CA active				WLAN		Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	1+8+2+4 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 12_UAT	Front	23.80	22.30	0.325	0.301	20.80	19.30	0.163	0.151	0.024	0.050	0.388
	Back	23.80	22.30	0.375	0.322	20.80	19.30	0.188	0.161	0.140	0.414	0.903
LTE Band 13_UAT	Front	23.80	22.30	0.188	0.301	20.80	19.30	0.094	0.151	0.024	0.050	0.319
	Back	23.80	22.30	0.409	0.322	20.80	19.30	0.205	0.161	0.140	0.414	0.920



Body-worn		Standalone				UL CA active				WLAN				Inter-band UL CA summation			
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	6	7	1+8+6 Summed 1g SAR (W/kg)	1+8+7 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)				
LTE Band 2_LAT	Front	23.80	23.80	0.662	0.176	20.80	20.80	0.332	0.088	0.142	0.140	0.052	0.002	0.472	0.422	0.192	0.142
	Back	23.80	23.80	0.749	0.288	20.80	20.80	0.375	0.144	0.849	1.071	0.045	0.046	0.564	0.565	1.116	1.117
LTE Band 4_LAT	Front	23.80	23.80	0.449	0.176	20.80	20.80	0.225	0.088	0.142	0.140	0.052	0.002	0.365	0.315	0.192	0.142
	Back	23.80	23.80	0.548	0.288	20.80	20.80	0.274	0.144	0.849	1.071	0.045	0.046	0.463	0.464	1.116	1.117
Body-worn		Standalone				UL CA active				WLAN				Inter-band UL CA summation			
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	6	7	1+8+6 Summed 1g SAR (W/kg)	1+8+7 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)				
LTE Band 2_LAT	Front	23.80	23.80	0.662	0.331	20.80	20.80	0.332	0.166	0.142	0.140	0.052	0.002	0.550	0.500	0.192	0.142
	Back	23.80	23.80	0.749	0.472	20.80	20.80	0.375	0.237	0.849	1.071	0.045	0.046	0.657	0.658	1.116	1.117
LTE Band 4_LAT	Front	23.80	23.80	0.449	0.331	20.80	20.80	0.225	0.166	0.142	0.140	0.052	0.002	0.443	0.393	0.192	0.142
	Back	23.80	23.80	0.548	0.472	20.80	20.80	0.274	0.237	0.849	1.071	0.045	0.046	0.556	0.557	1.116	1.117
Body-worn		Standalone				UL CA active				WLAN				Inter-band UL CA summation			
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	6	7	1+8+6 Summed 1g SAR (W/kg)	1+8+7 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)				
LTE Band 12_LAT	Front	23.80	23.80	0.176	0.449	20.80	20.80	0.088	0.225	0.142	0.140	0.052	0.002	0.365	0.315	0.192	0.142
	Back	23.80	23.80	0.288	0.548	20.80	20.80	0.144	0.274	0.849	1.071	0.045	0.046	0.463	0.464	1.116	1.117
LTE Band 13_LAT	Front	23.80	23.80	0.331	0.449	20.80	20.80	0.166	0.225	0.142	0.140	0.052	0.002	0.443	0.393	0.192	0.142
	Back	23.80	23.80	0.472	0.548	20.80	20.80	0.237	0.274	0.849	1.071	0.045	0.046	0.556	0.557	1.116	1.117



Body-worn		Standalone				UL CA active				WLAN	Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	1+8+2 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 2_LAT	Front	23.80	23.80	0.662	0.176	20.80	20.80	0.332	0.088	0.063	0.483
	Back	23.80	23.80	0.749	0.288	20.80	20.80	0.375	0.144	0.342	0.861
LTE Band 4_LAT	Front	23.80	23.80	0.449	0.176	20.80	20.80	0.225	0.088	0.063	0.376
	Back	23.80	23.80	0.548	0.288	20.80	20.80	0.274	0.144	0.342	0.760
Body-worn		Standalone				UL CA active				WLAN	Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	1+8+2 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 2_LAT	Front	23.80	23.80	0.662	0.331	20.80	20.80	0.332	0.166	0.063	0.561
	Back	23.80	23.80	0.749	0.472	20.80	20.80	0.375	0.237	0.342	0.954
LTE Band 4_LAT	Front	23.80	23.80	0.449	0.331	20.80	20.80	0.225	0.166	0.063	0.454
	Back	23.80	23.80	0.548	0.472	20.80	20.80	0.274	0.237	0.342	0.853
Body-worn		Standalone				UL CA active				WLAN	Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	1+8+2 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 12_LAT	Front	23.80	23.80	0.176	0.449	20.80	20.80	0.088	0.225	0.063	0.376
	Back	23.80	23.80	0.288	0.548	20.80	20.80	0.144	0.274	0.342	0.760
LTE Band 13_LAT	Front	23.80	23.80	0.331	0.449	20.80	20.80	0.166	0.225	0.063	0.454
	Back	23.80	23.80	0.472	0.548	20.80	20.80	0.237	0.274	0.342	0.853



Body-worn		Standalone				UL CA active				WLAN			Inter-band UL CA summation		
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	4	6	7	1+8+4 Summed 1g SAR (W/kg)	1+8+4+6 Summed 1g SAR (W/kg)	1+8+4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B12	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B12	5GHz WLAN Ant 1+2	Bluetooth Ant 1	Bluetooth Ant 2			
				1g SAR (W/kg)	1g SAR (W/kg)			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
LTE Band 2_LAT	Front	23.80	23.80	0.662	0.176	20.80	20.80	0.332	0.088	0.083	0.052	0.002	0.503	0.555	0.505
	Back	23.80	23.80	0.749	0.288	20.80	20.80	0.375	0.144	0.623	0.045	0.046	1.142	1.187	1.188
LTE Band 4_LAT	Front	23.80	23.80	0.449	0.176	20.80	20.80	0.225	0.088	0.083	0.052	0.002	0.396	0.448	0.398
	Back	23.80	23.80	0.548	0.288	20.80	20.80	0.274	0.144	0.623	0.045	0.046	1.041	1.086	1.087
Body-worn		Standalone				UL CA active				WLAN			Inter-band UL CA summation		
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	4	6	7	1+8+4 Summed 1g SAR (W/kg)	1+8+4+6 Summed 1g SAR (W/kg)	1+8+4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B13	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B13	5GHz WLAN Ant 1+2	Bluetooth Ant 1	Bluetooth Ant 2			
				1g SAR (W/kg)	1g SAR (W/kg)			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
LTE Band 2_LAT	Front	23.80	23.80	0.662	0.331	20.80	20.80	0.332	0.166	0.083	0.052	0.002	0.581	0.633	0.583
	Back	23.80	23.80	0.749	0.472	20.80	20.80	0.375	0.237	0.623	0.045	0.046	1.235	1.280	1.281
LTE Band 4_LAT	Front	23.80	23.80	0.449	0.331	20.80	20.80	0.225	0.166	0.083	0.052	0.002	0.474	0.526	0.476
	Back	23.80	23.80	0.548	0.472	20.80	20.80	0.274	0.237	0.623	0.045	0.046	1.134	1.179	1.180
Body-worn		Standalone				UL CA active				WLAN			Inter-band UL CA summation		
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	4	6	7	1+8+4 Summed 1g SAR (W/kg)	1+8+4+6 Summed 1g SAR (W/kg)	1+8+4+7 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B66	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN	LTE B66	5GHz WLAN Ant 1+2	Bluetooth Ant 1	Bluetooth Ant 2			
				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 12_LAT	Front	23.80	23.80	0.176	0.449	20.80	20.80	0.088	0.225	0.083	0.052	0.002	0.396	0.448	0.398
	Back	23.80	23.80	0.288	0.548	20.80	20.80	0.144	0.274	0.623	0.045	0.046	1.041	1.086	1.087
LTE Band 13_LAT	Front	23.80	23.80	0.331	0.449	20.80	20.80	0.166	0.225	0.083	0.052	0.002	0.474	0.526	0.476
	Back	23.80	23.80	0.472	0.548	20.80	20.80	0.237	0.274	0.623	0.045	0.046	1.134	1.179	1.180

Body-worn		Standalone				UL CA active				WLAN		Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	1+8+2+4 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B12 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 2_LAT	Front	23.80	23.80	0.662	0.176	20.80	20.80	0.332	0.088	0.024	0.050	0.494
	Back	23.80	23.80	0.749	0.288	20.80	20.80	0.375	0.144	0.140	0.414	1.073
LTE Band 4_LAT	Front	23.80	23.80	0.449	0.176	20.80	20.80	0.225	0.088	0.024	0.050	0.387
	Back	23.80	23.80	0.548	0.288	20.80	20.80	0.274	0.144	0.140	0.414	0.972
Body-worn		Standalone				UL CA active				WLAN		Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	1+8+2+4 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B13 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 2_LAT	Front	23.80	23.80	0.662	0.331	20.80	20.80	0.332	0.166	0.024	0.050	0.572
	Back	23.80	23.80	0.749	0.472	20.80	20.80	0.375	0.237	0.140	0.414	1.166
LTE Band 4_LAT	Front	23.80	23.80	0.449	0.331	20.80	20.80	0.225	0.166	0.024	0.050	0.465
	Back	23.80	23.80	0.548	0.472	20.80	20.80	0.274	0.237	0.140	0.414	1.065
Body-worn		Standalone				UL CA active				WLAN		Inter-band UL CA summation
WWAN Band	Exposure Position	CC1	CC2	CC1	CC2	CC1	CC2	1	8	2	4	1+8+2+4 Summed 1g SAR (W/kg)
		Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	Tune-up Limit (dbm)	Tune-up Limit (dbm)	WWAN 1g SAR (W/kg)	LTE B66 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	
LTE Band 12_LAT	Front	23.80	23.80	0.176	0.449	20.80	20.80	0.088	0.225	0.024	0.050	0.387
	Back	23.80	23.80	0.288	0.548	20.80	20.80	0.144	0.274	0.140	0.414	0.972
LTE Band 13_LAT	Front	23.80	23.80	0.331	0.449	20.80	20.80	0.166	0.225	0.024	0.050	0.465
	Back	23.80	23.80	0.472	0.548	20.80	20.80	0.237	0.274	0.140	0.414	1.065



18.6 5G NR EN-DC consideration

<EN-DC combination and Maximum Power>

General Note:

1. NR implementation of n71, n5, n66, n2, and n41 is limited to EN-DC operations only (NSA), with LTE Bands 2/5/12/13/25/26/66/41 acting as anchor bands, SAR tests for NR Bands and LTE Anchors Bands were performed separately due to limitations in SAR probe calibration factors.
2. Following 5G NR n2/n5/n66/n71 support SCS 15KHz DFT/CP-OFDM, PI/2 BPSK/QPSK/16QAM/64QAM/256QAM, Bandwidth 5M/10M/15M/20M.
3. Following 5G NR n41 support SCS 30KHz DFT/CP-OFDM, PI/2 BPSK/QPSK/16QAM/64QAM/256QAM, Bandwidth 20M/40M/50M/60M/80M/90M/100M.
4. Test positions and test channels used for the testing below are based on the standalone SAR result. When the EN-DC active the LTE Anchors Band output power is equal or less than the standalone output power for each frequency bands, therefore, LTE Anchors Band power and SAR was estimated based on standalone results to performed sim-Tx analysis with 5G NR and WiFi and Bluetooth.
5. The single uplink 1g SAR values for each LTE Anchors Bands and 5G NR are both less than 0.8W/kg and the algebraic summation of the 1g SAR value are less than 1.45W/kg, additional measurements are not required according to TCBC workshop guidance, the detail sim-Tx analysis as following.

Exposure position	UAT EN-DC 5G NR combination					Combination
	LTE Single Carrier			NR Single Carrier		
	LTE	Standalone	EN-DC Active	Band	EN-DC Active	
	Anchors	Maximum	Maximum		Maximum	
	Band	Power	Power		Power	
	(dBm)	(dBm)	(dBm)			
Head	LTE Band 12_UAT	20.3	15.8	N2_UAT	16.5	DC_12A_n2A /DC_5A_n2A
	LTE Band 5_UAT	20.3	15.3	N2_UAT	16.5	
	LTE Band 66_UAT	11.8	11.8	N5_UAT	18.3	DC_2A_n5A / DC_66A_n5A
	LTE Band 2_UAT	11.3	10.8	N5_UAT	18.3	
	LTE Band 12_UAT	20.3	15.8	N66_UAT	14.5	DC_13A_n66A/DC_5A_n66A/DC_12A_n66A
	LTE Band 13_UAT	21.3	15.8	N66_UAT	14.5	
	LTE Band 5_UAT	20.3	15.3	N66_UAT	14.5	
	LTE Band 66_UAT	11.8	11.8	N71_UAT	19.3	DC_2A_n71A/DC_66A_n71A
	LTE Band 2_UAT	11.3	10.8	N71_UAT	19.3	
	LTE Band 26_UAT	20.8	17.8	N41 TX0_UAT	19.8	DC_26A_n41A
	LTE Band 2/25_LAT	23.8	23.8	N41 TX1_UAT	20.9	DC_25A_N41a/DC_2A_n41A/DC_66A_n41A
	LTE Band 66_LAT	23.8	23.8	N41 TX1_UAT	20.9	
LTE Band 41_LAT	23.8	23.8	N41 TX1_HPUE_UAT	20.9	DC_41A_n41A	
Hotspot	LTE Band 12_UAT	19.3	15.3	N2_UAT	16.5	DC_12A_n2A /DC_5A_n2A
	LTE Band 5_UAT	18.8	15.8	N2_UAT	16.5	
	LTE Band 2_UAT	13.3	12.3	N5_UAT	18.3	DC_2A_n5A / DC_66A_n5A
	LTE Band 66_UAT	16.3	12.3	N5_UAT	18.3	
	LTE Band 13_UAT	19.3	15.8	N66_UAT	17	DC_13A_n66A/DC_5A_n66A/DC_12A_n66A
	LTE Band 5_UAT	18.8	15.8	N66_UAT	17	
	LTE Band 12_UAT	19.3	15.3	N66_UAT	17	
	LTE Band 2_UAT	13.3	12.3	N71_UAT	19.3	DC_2A_n71A/DC_66A_n71A
	LTE Band 66_UAT	16.3	12.3	N71_UAT	19.3	
	LTE Band 26_UAT	20.3	17.8	N41 TX0_UAT	18.8	DC_26A_n41A
LTE Band 2/25_LAT	20.3	18.8	N41 TX1_UAT	18.8	DC_25A_n41a/DC_2A_n41A/DC_66A_n41A	



Body-worn	LTE Band 66_LAT	20.8	17.8	N41 TX1_UAT	19.9	
	LTE Band 41_LAT	18.8	16.8	N41 TX1_HPUE_UAT	19.9	DC_41A_n41A
	LTE Band 12_UAT	23.8	23.8	N2_UAT	22.5	DC_12A_n2A /DC_5A_n2A
	LTE Band 5_UAT	23.8	23.8	N2_UAT	22.5	
	LTE Band 2_UAT	22.3	22.3	N5_UAT	24.3	DC_2A_n5A / DC_66A_n5A
	LTE Band 66_UAT	22.3	22.3	N5_UAT	24.3	
	LTE Band 13_UAT	23.8	23.8	N66_UAT	22.5	DC_13A_n66A/DC_5A_n66A/DC_12A_n66A
	LTE Band 5_UAT	23.8	23.8	N66_UAT	22.5	
	LTE Band 12_UAT	23.8	23.8	N66_UAT	22.5	
	LTE Band 2_UAT	22.3	22.3	N71_UAT	24.3	DC_2A_n71A/DC_66A_n71A
	LTE Band 66_UAT	22.3	22.3	N71_UAT	24.3	
	LTE Band 26_UAT	23.8	23.8	N41 TX0_UAT	23.3	DC_26A_n41A
	LTE Band 2/25_LAT	23.8	23.8	N41 TX1_UAT	24.4	DC_25A_N41a/DC_2A_n41A/DC_66A_n41A
	LTE Band 66_LAT	23.8	23.8	N41 TX1_UAT	24.4	
	LTE Band 41_LAT	23.8	23.8	N41 TX1_HPUE_UAT	24.4	DC_41A_n41A



Exposure position	LAT EN-DC 5G NR combination					Combination
	LTE Single Carrier			NR Single Carrier		
	LTE	Standalone	EN-DC Active	Band	EN-DC Active	
	Anchors	Maximum	Maximum		Maximum	
	Band	Power	Power		Power	
		(dBm)	(dBm)		(dBm)	
Head	LTE Band 12_LAT	23.8	23.8	N2_LAT	24.3	DC_12A_n2A / DC_5A_n2A
	LTE Band 5_LAT	23.8	23.8	N2_LAT	24.3	
	LTE Band 66_LAT	23.8	23.8	N5_LAT	24.3	DC_2A_n5A / DC_66A_n5A
	LTE Band 2/25_LAT	23.8	23.8	N5_LAT	24.3	
	LTE Band 12_LAT	23.8	23.8	N66_LAT	24.3	DC_13A_n66A/DC_5A_n66A/DC_12A_n66A
	LTE Band 13_LAT	23.8	23.8	N66_LAT	24.3	
	LTE Band 5_LAT	23.8	23.8	N66_LAT	24.3	
	LTE Band 66_LAT	23.8	23.8	N71_LAT	24.3	DC_2A_n71A/DC_66A_n71A
	LTE Band 2_LAT	23.8	23.8	N71_LAT	24.3	
LTE Band 26_LAT	23.8	23.8	N41 TX0_LAT	24.4	DC_26A_n41A	
Hotspot	LTE Band 12_LAT	23.8	21.8	N2_LAT	20.3	DC_12A_n2A / DC_5A_n2A
	LTE Band 5_LAT	22.8	18.8	N2_LAT	20.3	
	LTE Band 2_LAT	20.3	17.8	N5_LAT	21.3	DC_2A_n5A / DC_66A_n5A
	LTE Band 66_LAT	20.8	17.8	N5_LAT	21.3	
	LTE Band 13_LAT	23.8	19.8	N66_LAT	20.8	DC_13A_n66A/DC_5A_n66A/DC_12A_n66A
	LTE Band 5_LAT	22.8	18.8	N66_LAT	20.8	
	LTE Band 12_LAT	23.8	21.8	N66_LAT	20.8	
	LTE Band 2_LAT	20.3	17.8	N71_LAT	21.8	DC_2A_n71A/DC_66A_n71A
	LTE Band 66_LAT	20.8	17.8	N71_LAT	21.8	
LTE Band 26_LAT	23.8	19.4	N41 TX0_LAT	18.4	DC_26A_n41A	
Body-worn	LTE Band 12_LAT	23.8	23.8	N2_LAT	24.3	DC_12A_n2A / DC_5A_n2A
	LTE Band 5_LAT	23.8	23.8	N2_LAT	24.3	
	LTE Band 2_LAT	23.8	23.8	N5_LAT	24.3	DC_2A_n5A / DC_66A_n5A
	LTE Band 66_LAT	23.8	23.8	N5_LAT	24.3	
	LTE Band 13_LAT	23.8	23.8	N66_LAT	24.3	DC_13A_n66A/DC_5A_n66A/DC_12A_n66A
	LTE Band 5_LAT	23.8	23.8	N66_LAT	24.3	
	LTE Band 12_LAT	23.8	23.8	N66_LAT	24.3	
	LTE Band 2_LAT	23.8	23.8	N71_LAT	24.3	DC_2A_n71A/DC_66A_n71A
	LTE Band 66_LAT	23.8	23.8	N71_LAT	24.3	
LTE Band 26_LAT	23.8	23.8	N41 TX0_LAT	24.4	DC_26A_n41A	



<Head exposure condition>

WWAN Band	Exposure Position	LTE Standalone Maxmun Power (dBm)	1		2		EN-DC Active LTE Maxmun Power (dBm)	3		4		5		6		7		8		1+2	3+4+5	3+4+6+7	3+4+6+8	
			LTE Standalone 1g SAR (W/kg)	NR Standalone Maxmun Power (dBm)	NR Standalone 1g SAR (W/kg)	EN-DC Active LTE 1g SAR (W/kg)		NR	2.4GHz WLAN Ant 1+2	5GHz WLAN Ant 1+2	Bluetooth Ant 1	Bluetooth Ant 2	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)	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)
N71_UAT	LTE Band 2_UAT	Right Cheek	11.30	0.454	24.30	0.399	10.80	0.326	0.111	0.214	0.029	0.074	0.002	0.853	0.651	0.540	0.468							
		Right Tilted	11.30	0.470	24.30	0.070	10.80	0.393	0.020	0.185	0.014	0.058	0.002	0.540	0.598	0.485	0.429							
		Left Cheek	11.30	0.315	24.30	0.567	10.80	0.236	0.174	0.674	0.494	0.189	0.006	0.882	1.084	1.093	0.910							
		Left Tilted	11.30	0.367	24.30	0.089	10.80	0.279	0.024	0.467	0.372	0.122	0.002	0.456	0.770	0.797	0.677							
	LTE Band 66_UAT	Right Cheek	11.80	0.231	24.30	0.399	11.80	0.231	0.111	0.214	0.029	0.074	0.002	0.630	0.556	0.445	0.373							
		Right Tilted	11.80	0.407	24.30	0.070	11.80	0.407	0.020	0.185	0.014	0.058	0.002	0.477	0.612	0.499	0.443							
		Left Cheek	11.80	0.130	24.30	0.567	11.80	0.130	0.174	0.674	0.494	0.189	0.006	0.697	0.978	0.987	0.804							
		Left Tilted	11.80	0.179	24.30	0.089	11.80	0.179	0.024	0.467	0.372	0.122	0.002	0.268	0.670	0.697	0.577							
N2_UAT	LTE Band 5_UAT	Right Cheek	20.30	0.241	16.50	0.678	15.30	0.086	0.474	0.214	0.029	0.074	0.002	0.919	0.774	0.663	0.591							
		Right Tilted	20.30	0.043	16.50	0.709	15.30	0.014	0.513	0.185	0.014	0.058	0.002	0.752	0.712	0.599	0.543							
		Left Cheek	20.30	0.453	16.50	0.462	15.30	0.139	0.346	0.674	0.494	0.189	0.006	0.915	1.159	1.168	0.985							
		Left Tilted	20.30	0.057	16.50	0.549	15.30	0.021	0.388	0.467	0.372	0.122	0.002	0.606	0.876	0.903	0.783							
	LTE Band 12_UAT	Right Cheek	20.30	0.268	16.50	0.678	15.80	0.087	0.474	0.214	0.029	0.074	0.002	0.946	0.775	0.664	0.592							
		Right Tilted	20.30	0.048	16.50	0.709	15.80	0.014	0.513	0.185	0.014	0.058	0.002	0.757	0.712	0.599	0.543							
		Left Cheek	20.30	0.403	16.50	0.462	15.80	0.143	0.346	0.674	0.494	0.189	0.006	0.865	1.163	1.172	0.989							
		Left Tilted	20.30	0.061	16.50	0.549	15.80	0.020	0.388	0.467	0.372	0.122	0.002	0.610	0.875	0.902	0.782							
N5_UAT	LTE Band 2_UAT	Right Cheek	11.30	0.454	22.30	0.334	10.80	0.326	0.058	0.214	0.029	0.074	0.002	0.788	0.598	0.487	0.415							
		Right Tilted	11.30	0.470	22.30	0.065	10.80	0.393	0.001	0.185	0.014	0.058	0.002	0.535	0.579	0.466	0.410							
		Left Cheek	11.30	0.315	22.30	0.517	10.80	0.236	0.135	0.674	0.494	0.189	0.006	0.832	1.045	1.054	0.871							
		Left Tilted	11.30	0.367	22.30	0.070	10.80	0.279	0.012	0.467	0.372	0.122	0.002	0.437	0.758	0.785	0.665							
	LTE Band 66_UAT	Right Cheek	11.80	0.231	22.30	0.334	11.80	0.231	0.058	0.214	0.029	0.074	0.002	0.565	0.503	0.392	0.320							
		Right Tilted	11.80	0.407	22.30	0.065	11.80	0.407	0.001	0.185	0.014	0.058	0.002	0.472	0.593	0.480	0.424							
		Left Cheek	11.80	0.130	22.30	0.517	11.80	0.130	0.135	0.674	0.494	0.189	0.006	0.647	0.939	0.948	0.765							
		Left Tilted	11.80	0.179	22.30	0.070	11.80	0.179	0.012	0.467	0.372	0.122	0.002	0.249	0.658	0.685	0.565							
N66_UAT	LTE Band 5_UAT	Right Cheek	20.30	0.241	14.50	0.268	15.30	0.086	0.268	0.214	0.029	0.074	0.002	0.509		0.457	0.385							
		Right Tilted	20.30	0.043	14.50	0.336	15.30	0.014	0.336	0.185	0.014	0.058	0.002	0.379		0.422	0.366							
		Left Cheek	20.30	0.453	14.50	0.204	15.30	0.139	0.204	0.674	0.494	0.189	0.006	0.657		1.026	0.843							
		Left Tilted	20.30	0.057	14.50	0.242	15.30	0.021	0.242	0.467	0.372	0.122	0.002	0.299		0.757	0.637							
	LTE Band 5_UAT	Right Cheek	20.30	0.241	14.50	0.268	15.30	0.086	0.238	0.214	0.029	0.074	0.002	0.509	0.538									
		Right Tilted	20.30	0.043	14.50	0.336	15.30	0.014	0.299	0.185	0.014	0.058	0.002	0.379	0.498									
		Left Cheek	20.30	0.453	14.50	0.204	15.30	0.139	0.184	0.674	0.494	0.189	0.006	0.657	0.997									
		Left Tilted	20.30	0.057	14.50	0.242	15.30	0.021	0.221	0.467	0.372	0.122	0.002	0.299	0.709									
	LTE Band 12_UAT	Right Cheek	20.30	0.268	14.50	0.268	15.80	0.087	0.268	0.214	0.029	0.074	0.002	0.536		0.458	0.386							
		Right Tilted	20.30	0.048	14.50	0.336	15.80	0.014	0.336	0.185	0.014	0.058	0.002	0.384		0.422	0.366							



FCC SAR TEST REPORT

Report No. : FA9N2009-01

		Left Cheek	20.30	0.403	14.50	0.204	15.80	0.143	0.204	0.674	0.494	0.189	0.006	0.607		1.030	0.847	
		Left Tilted	20.30	0.061	14.50	0.242	15.80	0.020	0.242	0.467	0.372	0.122	0.002	0.303		0.756	0.636	
	LTE Band 12_UAT	Right Cheek	20.30	0.268	14.50	0.268	15.80	0.087	0.238	0.214	0.029	0.074	0.002	0.536	0.539			
		Right Tilted	20.30	0.048	14.50	0.336	15.80	0.014	0.299	0.185	0.014	0.058	0.002	0.384	0.498			
		Left Cheek	20.30	0.403	14.50	0.204	15.80	0.143	0.184	0.674	0.494	0.189	0.006	0.607	1.001			
		Left Tilted	20.30	0.061	14.50	0.242	15.80	0.020	0.221	0.467	0.372	0.122	0.002	0.303	0.708			
	LTE Band 13_UAT	Right Cheek	21.30	0.349	14.50	0.268	15.80	0.110	0.268	0.214	0.029	0.074	0.002	0.617		0.481	0.409	
		Right Tilted	21.30	0.066	14.50	0.336	15.80	0.018	0.336	0.185	0.014	0.058	0.002	0.402		0.426	0.370	
		Left Cheek	21.30	0.538	14.50	0.204	15.80	0.174	0.204	0.674	0.494	0.189	0.006	0.742		1.061	0.878	
		Left Tilted	21.30	0.088	14.50	0.242	15.80	0.024	0.242	0.467	0.372	0.122	0.002	0.330		0.760	0.640	
	LTE Band 13_UAT	Right Cheek	21.30	0.349	14.50	0.268	15.80	0.110	0.238	0.214	0.029	0.074	0.002	0.617	0.562			
		Right Tilted	21.30	0.066	14.50	0.336	15.80	0.018	0.299	0.185	0.014	0.058	0.002	0.402	0.502			
		Left Cheek	21.30	0.538	14.50	0.204	15.80	0.174	0.184	0.674	0.494	0.189	0.006	0.742	1.032			
		Left Tilted	21.30	0.088	14.50	0.242	15.80	0.024	0.221	0.467	0.372	0.122	0.002	0.330	0.712			
	N41_UAT_NC	LTE Band 26_UAT	Right Cheek	20.80	0.329	19.80	0.440	17.80	0.144	0.440	0.214	0.029	0.074	0.002	0.769		0.687	0.615
			Right Tilted	20.80	0.058	19.80	0.293	17.80	0.047	0.293	0.185	0.014	0.058	0.002	0.351		0.412	0.356
Left Cheek			20.80	0.505	19.80	0.190	17.80	0.246	0.190	0.674	0.494	0.189	0.006	0.695		1.119	0.936	
Left Tilted			20.80	0.076	19.80	0.200	17.80	0.035	0.200	0.467	0.372	0.122	0.002	0.276		0.729	0.609	
Right Cheek			20.80	0.329	19.80	0.440	17.80	0.144	0.379	0.214	0.029	0.074	0.002	0.769	0.737			
Right Tilted			20.80	0.058	19.80	0.293	17.80	0.047	0.253	0.185	0.014	0.058	0.002	0.351	0.485			
Left Cheek			20.80	0.505	19.80	0.190	17.80	0.246	0.166	0.674	0.494	0.189	0.006	0.695	1.086			
Left Tilted			20.80	0.076	19.80	0.200	17.80	0.035	0.173	0.467	0.372	0.122	0.002	0.276	0.675			
N41_UAT_FC	LTE Band 2_LAT	Right Cheek	23.80	0.423	20.90	0.543	23.80	0.423	0.543	0.214	0.029	0.074	0.002	0.966		1.069	0.997	
		Right Tilted	23.80	0.194	20.90	0.389	23.80	0.194	0.389	0.185	0.014	0.058	0.002	0.583		0.655	0.599	
		Left Cheek	23.80	0.203	20.90	0.271	23.80	0.203	0.271	0.674	0.494	0.189	0.006	0.474		1.157	0.974	
		Left Tilted	23.80	0.152	20.90	0.295	23.80	0.152	0.295	0.467	0.372	0.122	0.002	0.447		0.941	0.821	
	LTE Band 2_LAT	Right Cheek	23.80	0.423	20.90	0.543	23.80	0.423		0.214	0.029	0.074	0.002	0.966	0.637			
		Right Tilted	23.80	0.194	20.90	0.389	23.80	0.194		0.185	0.014	0.058	0.002	0.583	0.379			
		Left Cheek	23.80	0.203	20.90	0.271	23.80	0.203		0.674	0.494	0.189	0.006	0.474	0.877			
		Left Tilted	23.80	0.152	20.90	0.295	23.80	0.152		0.467	0.372	0.122	0.002	0.447	0.619			
	LTE Band 25_LAT	Right Cheek	23.80	0.423	20.90	0.543	23.80	0.423	0.543	0.214	0.029	0.074	0.002	0.966		1.069	0.997	
		Right Tilted	23.80	0.194	20.90	0.389	23.80	0.194	0.389	0.185	0.014	0.058	0.002	0.583		0.655	0.599	
		Left Cheek	23.80	0.203	20.90	0.271	23.80	0.203	0.271	0.674	0.494	0.189	0.006	0.474		1.157	0.974	
		Left Tilted	23.80	0.152	20.90	0.295	23.80	0.152	0.295	0.467	0.372	0.122	0.002	0.447		0.941	0.821	
	LTE Band 25_LAT	Right Cheek	23.80	0.423	20.90	0.543	23.80	0.423		0.214	0.029	0.074	0.002	0.966	0.637			
		Right Tilted	23.80	0.194	20.90	0.389	23.80	0.194		0.185	0.014	0.058	0.002	0.583	0.379			
		Left Cheek	23.80	0.203	20.90	0.271	23.80	0.203		0.674	0.494	0.189	0.006	0.474	0.877			
		Left Tilted	23.80	0.152	20.90	0.295	23.80	0.152		0.467	0.372	0.122	0.002	0.447	0.619			
	LTE Band 66_LAT	Right Cheek	23.80	0.379	20.90	0.543	23.80	0.379	0.543	0.214	0.029	0.074	0.002	0.922		1.025	0.953	
		Right Tilted	23.80	0.145	20.90	0.389	23.80	0.145	0.389	0.185	0.014	0.058	0.002	0.534		0.606	0.550	
		Left Cheek	23.80	0.314	20.90	0.271	23.80	0.314	0.271	0.674	0.494	0.189	0.006	0.585		1.268	1.085	
		Left Tilted	23.80	0.137	20.90	0.295	23.80	0.137	0.295	0.467	0.372	0.122	0.002	0.432		0.926	0.806	
	LTE Band 66_LAT	Right Cheek	23.80	0.379	20.90	0.543	23.80	0.379		0.214	0.029	0.074	0.002	0.922	0.593			



FCC SAR TEST REPORT

Report No. : FA9N2009-01

		Right Tilted	23.80	0.145	20.90	0.389	23.80	0.145		0.185	0.014	0.058	0.002	0.534	0.330		
		Left Cheek	23.80	0.314	20.90	0.271	23.80	0.314		0.674	0.494	0.189	0.006	0.585	0.988		
		Left Tilted	23.80	0.137	20.90	0.295	23.80	0.137		0.467	0.372	0.122	0.002	0.432	0.604		
		Right Cheek	23.80	0.112	20.90	0.543	23.80	0.112	0.543	0.214	0.029	0.074	0.002	0.655		0.758	0.686
	LTE Band 41_LAT	Right Tilted	23.80	0.069	20.90	0.389	23.80	0.069	0.389	0.185	0.014	0.058	0.002	0.458		0.530	0.474
		Left Cheek	23.80	0.189	20.90	0.271	23.80	0.189	0.271	0.674	0.494	0.189	0.006	0.460		1.143	0.960
		Left Tilted	23.80	0.070	20.90	0.295	23.80	0.070	0.295	0.467	0.372	0.122	0.002	0.365		0.859	0.739
		Right Cheek	23.80	0.112	20.90	0.543	23.80	0.112		0.214	0.029	0.074	0.002	0.655	0.326		
	LTE Band 41_LAT	Right Tilted	23.80	0.069	20.90	0.389	23.80	0.069		0.185	0.014	0.058	0.002	0.458	0.254		
		Left Cheek	23.80	0.189	20.90	0.271	23.80	0.189		0.674	0.494	0.189	0.006	0.460	0.863		
		Left Tilted	23.80	0.070	20.90	0.295	23.80	0.070		0.467	0.372	0.122	0.002	0.365	0.537		
		Right Cheek	23.80	0.112	20.90	0.543	23.80	0.112		0.214	0.029	0.074	0.002	0.655	0.326		
N71_LAT	LTE Band 2_LAT	Right Cheek	23.80	0.423	24.30	0.066	23.80	0.423	0.066	0.029	0.110	0.074	0.002	0.489	0.518	0.673	0.601
		Right Tilted	23.80	0.194	24.30	0.001	23.80	0.194	0.001	0.014	0.020	0.058	0.002	0.195	0.209	0.273	0.217
		Left Cheek	23.80	0.203	24.30	0.137	23.80	0.203	0.137	0.494	0.172	0.189	0.006	0.340	0.834	0.701	0.518
		Left Tilted	23.80	0.152	24.30	0.001	23.80	0.152	0.001	0.372	0.024	0.122	0.002	0.153	0.525	0.299	0.179
	LTE Band 66_LAT	Right Cheek	23.80	0.379	24.30	0.066	23.80	0.379	0.066	0.029	0.110	0.074	0.002	0.445	0.474	0.629	0.557
		Right Tilted	23.80	0.145	24.30	0.001	23.80	0.145	0.001	0.014	0.020	0.058	0.002	0.146	0.160	0.224	0.168
		Left Cheek	23.80	0.314	24.30	0.137	23.80	0.314	0.137	0.494	0.172	0.189	0.006	0.451	0.945	0.812	0.629
		Left Tilted	23.80	0.137	24.30	0.001	23.80	0.137	0.001	0.372	0.024	0.122	0.002	0.138	0.510	0.284	0.164
N2_LAT	LTE Band 5_LAT	Right Cheek	23.80	0.129	24.30	0.174	23.80	0.129	0.174	0.029	0.110	0.074	0.002	0.303	0.332	0.487	0.415
		Right Tilted	23.80	0.086	24.30	0.129	23.80	0.086	0.129	0.014	0.020	0.058	0.002	0.215	0.229	0.293	0.237
		Left Cheek	23.80	0.236	24.30	0.141	23.80	0.236	0.141	0.494	0.172	0.189	0.006	0.377	0.871	0.738	0.555
		Left Tilted	23.80	0.078	24.30	0.104	23.80	0.078	0.104	0.372	0.024	0.122	0.002	0.182	0.554	0.328	0.208
	LTE Band 12_LAT	Right Cheek	23.80	0.071	24.30	0.174	23.80	0.071	0.174	0.029	0.110	0.074	0.002	0.245	0.274	0.429	0.357
		Right Tilted	23.80	0.024	24.30	0.129	23.80	0.024	0.129	0.014	0.020	0.058	0.002	0.153	0.167	0.231	0.175
		Left Cheek	23.80	0.138	24.30	0.141	23.80	0.138	0.141	0.494	0.172	0.189	0.006	0.279	0.773	0.640	0.457
		Left Tilted	23.80	0.062	24.30	0.104	23.80	0.062	0.104	0.372	0.024	0.122	0.002	0.166	0.538	0.312	0.192
N5_LAT	LTE Band 2_LAT	Right Cheek	23.80	0.423	24.30	0.114	23.80	0.423	0.114	0.029	0.110	0.074	0.002	0.537	0.566	0.721	0.649
		Right Tilted	23.80	0.194	24.30	0.071	23.80	0.194	0.071	0.014	0.020	0.058	0.002	0.265	0.279	0.343	0.287
		Left Cheek	23.80	0.203	24.30	0.186	23.80	0.203	0.186	0.494	0.172	0.189	0.006	0.389	0.883	0.750	0.567
		Left Tilted	23.80	0.152	24.30	0.078	23.80	0.152	0.078	0.372	0.024	0.122	0.002	0.230	0.602	0.376	0.256
	LTE Band 66_LAT	Right Cheek	23.80	0.379	24.30	0.114	23.80	0.379	0.114	0.029	0.110	0.074	0.002	0.493	0.522	0.677	0.605
		Right Tilted	23.80	0.145	24.30	0.071	23.80	0.145	0.071	0.014	0.020	0.058	0.002	0.216	0.230	0.294	0.238
		Left Cheek	23.80	0.314	24.30	0.186	23.80	0.314	0.186	0.494	0.172	0.189	0.006	0.500	0.994	0.861	0.678
		Left Tilted	23.80	0.137	24.30	0.078	23.80	0.137	0.078	0.372	0.024	0.122	0.002	0.215	0.587	0.361	0.241
N66_LAT	LTE Band 5_LAT	Right Cheek	23.80	0.129	24.30	0.307	23.80	0.129	0.307	0.029	0.110	0.074	0.002	0.436	0.465	0.620	0.548
		Right Tilted	23.80	0.086	24.30	0.149	23.80	0.086	0.149	0.014	0.020	0.058	0.002	0.235	0.249	0.313	0.257
		Left Cheek	23.80	0.236	24.30	0.180	23.80	0.236	0.180	0.494	0.172	0.189	0.006	0.416	0.910	0.777	0.594
		Left Tilted	23.80	0.078	24.30	0.116	23.80	0.078	0.116	0.372	0.024	0.122	0.002	0.194	0.566	0.340	0.220
	LTE Band 12_LAT	Right Cheek	23.80	0.071	24.30	0.307	23.80	0.071	0.307	0.029	0.110	0.074	0.002	0.378	0.407	0.562	0.490
		Right Tilted	23.80	0.024	24.30	0.149	23.80	0.024	0.149	0.014	0.020	0.058	0.002	0.173	0.187	0.251	0.195
		Left Cheek	23.80	0.138	24.30	0.180	23.80	0.138	0.180	0.494	0.172	0.189	0.006	0.318	0.812	0.679	0.496
		Left Tilted	23.80	0.062	24.30	0.116	23.80	0.062	0.116	0.372	0.024	0.122	0.002	0.178	0.550	0.324	0.204



FCC SAR TEST REPORT

Report No. : FA9N2009-01

	LTE Band 13_LAT	Right Cheek	23.80	0.105	24.30	0.307	23.80	0.105	0.307	0.029	0.110	0.074	0.002	0.412	0.441	0.596	0.524
		Right Tilted	23.80	0.071	24.30	0.149	23.80	0.071	0.149	0.014	0.020	0.058	0.002	0.220	0.234	0.298	0.242
		Left Cheek	23.80	0.226	24.30	0.180	23.80	0.226	0.180	0.494	0.172	0.189	0.006	0.406	0.900	0.767	0.584
		Left Tilted	23.80	0.082	24.30	0.116	23.80	0.082	0.116	0.372	0.024	0.122	0.002	0.198	0.570	0.344	0.224
N41_LAT_NC	LTE Band 26_LAT	Right Cheek	23.80	0.122	24.40	0.119	23.80	0.122	0.119	0.029	0.110	0.074	0.002	0.241	0.270	0.425	0.353
		Right Tilted	23.80	0.078	24.40	0.086	23.80	0.078	0.086	0.014	0.020	0.058	0.002	0.164	0.178	0.242	0.186
		Left Cheek	23.80	0.145	24.40	0.190	23.80	0.145	0.190	0.494	0.172	0.189	0.006	0.335	0.829	0.696	0.513
		Left Tilted	23.80	0.077	24.40	0.073	23.80	0.077	0.073	0.372	0.024	0.122	0.002	0.150	0.522	0.296	0.176



<Hotspot exposure condition>

WWAN Band	Exposure Position	1		2		3		4		5		6		7		8		1+2 Summed 1g SAR (W/kg)	3+4+5 Summed 1g SAR (W/kg)	3+4+6+7 Summed 1g SAR (W/kg)	3+4+6+8 Summed 1g SAR (W/kg)
		LTE Standalone Maxmum Power (dBm)	LTE Standalone 1g SAR (W/kg)	NR Standalone Maxmun Power (dBm)	NR Standalone 1g SAR (W/kg)	EN-DC Active LTE Standalone Maxmun Power (dBm)	EN-DC Active LTE 1g SAR (W/kg)	NR 1g SAR (W/kg)	2.4GHz WLAN Ant 1+2 1g SAR (W/kg)	5GHz WLAN Ant 1+2 1g SAR (W/kg)	Bluetooth Ant 1 1g SAR (W/kg)	Bluetooth Ant 2 1g SAR (W/kg)									
		N71_UAT	LTE Band 2_UAT	Front	12.30	0.156	19.30	0.080	12.30	0.156	0.080	0.132	0.060	0.107	0.002	0.236	0.368				
		Back	12.30	0.167	19.30	0.103	12.30	0.167	0.103	0.793	0.721	0.071	0.122	0.270	1.063	1.062	1.113				
		Left side	12.30	0.032	19.30	0.189	12.30	0.032	0.189					0.221	0.221	0.221	0.221				
		Right side	12.30	0.012	19.30	0.001	12.30	0.012	0.001	0.227	0.341	0.007	0.002	0.013	0.240	0.361	0.356				
		Top side	12.30	0.278	19.30	0.001	12.30	0.278	0.001	0.190	0.195	0.150	0.002	0.279	0.469	0.624	0.476				
		Bottom side	12.30		19.30		12.30							0.000	0.000	0.000	0.000				
	LTE Band 66_UAT	Front	12.30	0.099	19.30	0.080	12.30	0.099	0.080	0.132	0.060	0.107	0.002	0.179	0.311	0.346	0.241				
		Back	12.30	0.112	19.30	0.103	12.30	0.112	0.103	0.793	0.721	0.071	0.122	0.215	1.008	1.007	1.058				
		Left side	12.30	0.031	19.30	0.189	12.30	0.031	0.189					0.220	0.220	0.220	0.220				
		Right side	12.30	0.011	19.30	0.001	12.30	0.011	0.001	0.227	0.341	0.007	0.002	0.012	0.239	0.360	0.355				
		Top side	12.30	0.183	19.30	0.001	12.30	0.183	0.001	0.190	0.195	0.150	0.002	0.184	0.374	0.529	0.381				
		Bottom side	12.30		19.30		12.30							0.000	0.000	0.000	0.000				
N2_UAT	LTE Band 5_UAT	Front	15.80	0.064	16.50	0.203	15.80	0.064	0.203	0.132	0.060	0.107	0.002	0.267	0.399	0.434	0.329				
		Back	15.80	0.089	16.50	0.197	15.80	0.089	0.197	0.793	0.721	0.071	0.122	0.286	1.079	1.078	1.129				
		Left side	15.80	0.120	16.50	0.048	15.80	0.120	0.048					0.168	0.168	0.168	0.168				
		Right side	15.80	0.001	16.50	0.011	15.80	0.001	0.011	0.227	0.341	0.007	0.002	0.012	0.239	0.360	0.355				
		Top side	15.80	0.008	16.50	0.407	15.80	0.008	0.407	0.190	0.195	0.150	0.002	0.415	0.605	0.760	0.612				
		Bottom side	15.80		16.50		15.80							0.000	0.000	0.000	0.000				
	LTE Band 12_UAT	Front	15.30	0.062	16.50	0.203	15.30	0.062	0.203	0.132	0.060	0.107	0.002	0.265	0.397	0.432	0.327				
		Back	15.30	0.098	16.50	0.197	15.30	0.098	0.197	0.793	0.721	0.071	0.122	0.295	1.088	1.087	1.138				
		Left side	15.30	0.143	16.50	0.048	15.30	0.143	0.048					0.191	0.191	0.191	0.191				
		Right side	15.30	0.025	16.50	0.011	15.30	0.025	0.011	0.227	0.341	0.007	0.002	0.036	0.263	0.384	0.379				
		Top side	15.30	0.007	16.50	0.407	15.30	0.007	0.407	0.190	0.195	0.150	0.002	0.414	0.604	0.759	0.611				
		Bottom side	15.30		16.50		15.30							0.000	0.000	0.000	0.000				
N5_UAT	LTE Band 2_UAT	Front	12.30	0.156	18.30	0.067	12.30	0.156	0.067	0.132	0.060	0.107	0.002	0.223	0.355	0.390	0.285				
		Back	12.30	0.167	18.30	0.088	12.30	0.167	0.088	0.793	0.721	0.071	0.122	0.255	1.048	1.047	1.098				
		Left side	12.30	0.032	18.30	0.148	12.30	0.032	0.148					0.180	0.180	0.180	0.180				
		Right side	12.30	0.012	18.30	0.001	12.30	0.012	0.001	0.227	0.341	0.007	0.002	0.013	0.240	0.361	0.356				
		Top side	12.30	0.278	18.30	0.001	12.30	0.278	0.001	0.190	0.195	0.150	0.002	0.279	0.469	0.624	0.476				
		Bottom side	12.30		18.30		12.30							0.000	0.000	0.000	0.000				
	LTE Band 66_UAT	Front	12.30	0.099	18.30	0.067	12.30	0.099	0.067	0.132	0.060	0.107	0.002	0.166	0.298	0.333	0.228				
		Back	12.30	0.112	18.30	0.088	12.30	0.112	0.088	0.793	0.721	0.071	0.122	0.200	0.993	0.992	1.043				
		Left side	12.30	0.031	18.30	0.148	12.30	0.031	0.148					0.179	0.179	0.179	0.179				
		Right side	12.30	0.011	18.30	0.001	12.30	0.011	0.001	0.227	0.341	0.007	0.002	0.012	0.239	0.360	0.355				



		Top side	12.30	0.183	18.30	0.001	12.30	0.183	0.001	0.190	0.195	0.150	0.002	0.184	0.374	0.529	0.381
		Bottom side	12.30		18.30		12.30							0.000	0.000	0.000	0.000
N66_UAT	LTE Band 5_UAT	Front	15.80	0.064	17.00	0.171	15.80	0.064	0.171	0.132	0.060	0.107	0.002	0.235	0.367	0.402	0.297
		Back	15.80	0.089	17.00	0.205	15.80	0.089	0.205	0.793	0.721	0.071	0.122	0.294	1.087	1.086	1.137
		Left side	15.80	0.120	17.00	0.055	15.80	0.120	0.055					0.175	0.175	0.175	0.175
		Right side	15.80	0.001	17.00	0.018	15.80	0.001	0.018	0.227	0.341	0.007	0.002	0.019	0.246	0.367	0.362
		Top side	15.80	0.008	17.00	0.315	15.80	0.008	0.315	0.190	0.195	0.150	0.002	0.323	0.513	0.668	0.520
		Bottom side	15.80		17.00		15.80								0.000	0.000	0.000
	LTE Band 12_UAT	Front	15.30	0.062	17.00	0.171	15.30	0.062	0.171	0.132	0.060	0.107	0.002	0.233	0.365	0.400	0.295
		Back	15.30	0.098	17.00	0.205	15.30	0.098	0.205	0.793	0.721	0.071	0.122	0.303	1.096	1.095	1.146
		Left side	15.30	0.143	17.00	0.055	15.30	0.143	0.055					0.198	0.198	0.198	0.198
		Right side	15.30	0.025	17.00	0.018	15.30	0.025	0.018	0.227	0.341	0.007	0.002	0.043	0.270	0.391	0.386
		Top side	15.30	0.007	17.00	0.315	15.30	0.007	0.315	0.190	0.195	0.150	0.002	0.322	0.512	0.667	0.519
		Bottom side	15.30		17.00		15.30								0.000	0.000	0.000
	LTE Band 13_UAT	Front	15.80	0.079	17.00	0.171	15.80	0.079	0.171	0.132	0.060	0.107	0.002	0.250	0.382	0.417	0.312
		Back	15.80	0.125	17.00	0.205	15.80	0.125	0.205	0.793	0.721	0.071	0.122	0.330	1.123	1.122	1.173
		Left side	15.80	0.177	17.00	0.055	15.80	0.177	0.055					0.232	0.232	0.232	0.232
		Right side	15.80	0.004	17.00	0.018	15.80	0.004	0.018	0.227	0.341	0.007	0.002	0.022	0.249	0.370	0.365
		Top side	15.80	0.008	17.00	0.315	15.80	0.008	0.315	0.190	0.195	0.150	0.002	0.323	0.513	0.668	0.520
		Bottom side	15.80		17.00		15.80								0.000	0.000	0.000
N41_UAT_NC	LTE Band 26_UAT	Front	17.80	0.060	18.80	0.095	17.80	0.060	0.095	0.132	0.060	0.107	0.002	0.155	0.287	0.322	0.217
		Back	17.80	0.169	18.80	0.109	17.80	0.169	0.109	0.793	0.721	0.071	0.122	0.278	1.071	1.070	1.121
		Left side	17.80	0.230	18.80	0.001	17.80	0.230	0.001					0.231	0.231	0.231	0.231
		Right side	17.80	0.007	18.80	0.001	17.80	0.007	0.001	0.227	0.341	0.007	0.002	0.008	0.235	0.356	0.351
		Top side	17.80	0.010	18.80	0.302	17.80	0.010	0.302	0.190	0.195	0.150	0.002	0.312	0.502	0.657	0.509
		Bottom side	17.80		18.80		17.80								0.000	0.000	0.000
N41_UAT_FC	LTE Band 2_LAT	Front	18.80	0.271	19.90	0.012	18.80	0.271	0.012	0.132	0.060	0.107	0.002	0.283	0.415	0.450	0.345
		Back	18.80	0.277	19.90	0.158	18.80	0.277	0.158	0.793	0.721	0.071	0.122	0.435	1.228	1.227	1.278
		Left side	18.80	0.106	19.90	0.001	18.80	0.106	0.001					0.107	0.107	0.107	0.107
		Right side	18.80	0.097	19.90	0.001	18.80	0.097	0.001	0.227	0.341	0.007	0.002	0.098	0.325	0.446	0.441
		Top side	18.80		19.90	0.749	18.80		0.749	0.190	0.195	0.150	0.002	0.749	0.939	1.094	0.946
		Bottom side	18.80	0.544	19.90		18.80	0.544							0.544	0.544	0.544
	LTE Band 25_LAT	Front	18.80	0.322	19.90	0.012	18.80	0.322	0.012	0.132	0.060	0.107	0.002	0.334	0.466	0.501	0.396
		Back	18.80	0.335	19.90	0.158	18.80	0.335	0.158	0.793	0.721	0.071	0.122	0.493	1.286	1.285	1.336
		Left side	18.80	0.085	19.90	0.001	18.80	0.085	0.001					0.086	0.086	0.086	0.086
		Right side	18.80	0.093	19.90	0.001	18.80	0.093	0.001	0.227	0.341	0.007	0.002	0.094	0.321	0.442	0.437
		Top side	18.80		19.90	0.749	18.80		0.749	0.190	0.195	0.150	0.002	0.749	0.939	1.094	0.946
		Bottom side	18.80	0.521	19.90		18.80	0.521							0.521	0.521	0.521
	LTE Band 66_LAT	Front	17.80	0.250	19.90	0.012	17.80	0.250	0.012	0.132	0.060	0.107	0.002	0.262	0.394	0.429	0.324
		Back	17.80	0.296	19.90	0.158	17.80	0.296	0.158	0.793	0.721	0.071	0.122	0.454	1.247	1.246	1.297
		Left side	17.80	0.099	19.90	0.001	17.80	0.099	0.001					0.100	0.100	0.100	0.100
		Right side	17.80	0.054	19.90	0.001	17.80	0.054	0.001	0.227	0.341	0.007	0.002	0.055	0.282	0.403	0.398
		Top side	17.80		19.90	0.749	17.80		0.749	0.190	0.195	0.150	0.002	0.749	0.939	1.094	0.946
		Bottom side	17.80		19.90		17.80								0.000	0.000	0.000



	LTE Band 41_LAT	Bottom side	17.80	0.392	19.90		17.80	0.392						0.392	0.392	0.392	0.392
		Front	16.80	0.137	19.90	0.012	16.80	0.137	0.012	0.132	0.060	0.107	0.002	0.149	0.281	0.316	0.211
		Back	16.80	0.194	19.90	0.158	16.80	0.194	0.158	0.793	0.721	0.071	0.122	0.352	1.145	1.144	1.195
		Left side	16.80	0.030	19.90	0.001	16.80	0.030	0.001					0.031	0.031	0.031	0.031
		Right side	16.80	0.025	19.90	0.001	16.80	0.025	0.001	0.227	0.341	0.007	0.002	0.026	0.253	0.374	0.369
		Top side	16.80		19.90	0.749	16.80		0.749	0.190	0.195	0.150	0.002	0.749	0.939	1.094	0.946
		Bottom side	16.80	0.393	19.90		16.80	0.393						0.393	0.393	0.393	0.393
N71_LAT	LTE Band 2_LAT	Front	17.80	0.201	22.30	0.183	17.80	0.201	0.183	0.132	0.060	0.107	0.002	0.384	0.516	0.551	0.446
		Back	17.80	0.206	22.30	0.251	17.80	0.206	0.251	0.793	0.721	0.071	0.122	0.457	1.250	1.249	1.300
		Left side	17.80	0.086	22.30	0.072	17.80	0.086	0.072					0.158	0.158	0.158	0.158
		Right side	17.80	0.074	22.30	0.236	17.80	0.074	0.236	0.227	0.341	0.007	0.002	0.310	0.537	0.658	0.653
		Top side	17.80		22.30		17.80			0.190	0.195	0.150	0.002	0.000	0.190	0.345	0.197
		Bottom side	17.80	0.409	22.30	0.159	17.80	0.409	0.159					0.568	0.568	0.568	0.568
	LTE Band 66_LAT	Front	17.80	0.250	22.30	0.183	17.80	0.250	0.183	0.132	0.060	0.107	0.002	0.433	0.565	0.600	0.495
		Back	17.80	0.296	22.30	0.251	17.80	0.296	0.251	0.793	0.721	0.071	0.122	0.547	1.340	1.339	1.390
		Left side	17.80	0.099	22.30	0.072	17.80	0.099	0.072					0.171	0.171	0.171	0.171
		Right side	17.80	0.054	22.30	0.236	17.80	0.054	0.236	0.227	0.341	0.007	0.002	0.290	0.517	0.638	0.633
		Top side	17.80		22.30		17.80			0.190	0.195	0.150	0.002	0.000	0.190	0.345	0.197
		Bottom side	17.80	0.392	22.30	0.159	17.80	0.392	0.159					0.551	0.551	0.551	0.551
N2_LAT	LTE Band 5_LAT	Front	18.80	0.143	20.30	0.327	18.80	0.143	0.327	0.132	0.060	0.107	0.002	0.470	0.602	0.637	0.532
		Back	18.80	0.230	20.30	0.379	18.80	0.230	0.379	0.793	0.721	0.071	0.122	0.609	1.402	1.401	1.452
		Left side	18.80	0.001	20.30	0.135	18.80	0.001	0.135					0.136	0.136	0.136	0.136
		Right side	18.80	0.167	20.30	0.066	18.80	0.167	0.066	0.227	0.341	0.007	0.002	0.233	0.460	0.581	0.576
		Top side	18.80		20.30		18.80			0.190	0.195	0.150	0.002	0.000	0.190	0.345	0.197
		Bottom side	18.80	0.116	20.30	0.419	18.80	0.116	0.419					0.535	0.535	0.535	0.535
	LTE Band 12_LAT	Front	21.80	0.187	20.30	0.327	21.80	0.187	0.327	0.132	0.060	0.107	0.002	0.514	0.646	0.681	0.576
		Back	21.80	0.302	20.30	0.379	21.80	0.302	0.379	0.793	0.721	0.071	0.122	0.681	1.474	1.473	1.524
		Left side	21.80	0.111	20.30	0.135	21.80	0.111	0.135					0.246	0.246	0.246	0.246
		Right side	21.80	0.154	20.30	0.066	21.80	0.154	0.066	0.227	0.341	0.007	0.002	0.220	0.447	0.568	0.563
		Top side	21.80		20.30		21.80			0.190	0.195	0.150	0.002	0.000	0.190	0.345	0.197
		Bottom side	21.80	0.142	20.30	0.419	21.80	0.142	0.419					0.561	0.561	0.561	0.561
N5_LAT	LTE Band 2_LAT	Front	17.80	0.201	21.30	0.187	17.80	0.201	0.187	0.132	0.060	0.107	0.002	0.388	0.520	0.555	0.450
		Back	17.80	0.206	21.30	0.287	17.80	0.206	0.287	0.793	0.721	0.071	0.122	0.493	1.286	1.285	1.336
		Left side	17.80	0.086	21.30	0.043	17.80	0.086	0.043					0.129	0.129	0.129	0.129
		Right side	17.80	0.074	21.30	0.212	17.80	0.074	0.212	0.227	0.341	0.007	0.002	0.286	0.513	0.634	0.629
		Top side	17.80		21.30		17.80			0.190	0.195	0.150	0.002	0.000	0.190	0.345	0.197
		Bottom side	17.80	0.409	21.30	0.170	17.80	0.409	0.170					0.579	0.579	0.579	0.579
	LTE Band 66_LAT	Front	17.80	0.250	21.30	0.187	17.80	0.250	0.187	0.132	0.060	0.107	0.002	0.437	0.569	0.604	0.499
		Back	17.80	0.296	21.30	0.287	17.80	0.296	0.287	0.793	0.721	0.071	0.122	0.583	1.376	1.375	1.426
		Left side	17.80	0.099	21.30	0.043	17.80	0.099	0.043					0.142	0.142	0.142	0.142
		Right side	17.80	0.054	21.30	0.212	17.80	0.054	0.212	0.227	0.341	0.007	0.002	0.266	0.493	0.614	0.609
		Top side	17.80		21.30		17.80			0.190	0.195	0.150	0.002	0.000	0.190	0.345	0.197
		Bottom side	17.80	0.392	21.30	0.170	17.80	0.392	0.170					0.562	0.562	0.562	0.562



N66_LAT	LTE Band 5_LAT	Front	18.80	0.143	20.80	0.351	18.80	0.143	0.351	0.132	0.060	0.107	0.002	0.494	0.626	0.661	0.556
		Back	18.80	0.230	20.80	0.399	18.80	0.230	0.399	0.793	0.721	0.071	0.122	0.629	1.422	1.421	1.472
		Left side	18.80	0.001	20.80	0.170	18.80	0.001	0.170					0.171	0.171	0.171	0.171
		Right side	18.80	0.167	20.80	0.103	18.80	0.167	0.103	0.227	0.341	0.007	0.002	0.270	0.497	0.618	0.613
		Top side	18.80		20.80		18.80			0.190	0.195	0.150	0.002	0.000	0.190	0.345	0.197
		Bottom side	18.80	0.116	20.80	0.688	18.80	0.116	0.688					0.804	0.804	0.804	0.804
	LTE Band 12_LAT	Front	21.80	0.187	20.80	0.351	21.80	0.187	0.351	0.132	0.060	0.107	0.002	0.538	0.670	0.705	0.600
		Back	21.80	0.302	20.80	0.399	21.80	0.302	0.399	0.793	0.721	0.071	0.122	0.701	1.494	1.493	1.544
		Left side	21.80	0.111	20.80	0.170	21.80	0.111	0.170					0.281	0.281	0.281	0.281
		Right side	21.80	0.154	20.80	0.103	21.80	0.154	0.103	0.227	0.341	0.007	0.002	0.257	0.484	0.605	0.600
		Top side	21.80		20.80		21.80			0.190	0.195	0.150	0.002	0.000	0.190	0.345	0.197
		Bottom side	21.80	0.142	20.80	0.688	21.80	0.142	0.688					0.830	0.830	0.830	0.830
	LTE Band 13_LAT	Front	19.80	0.166	20.80	0.351	19.80	0.166	0.351	0.132	0.060	0.107	0.002	0.517	0.649	0.684	0.579
		Back	19.80	0.276	20.80	0.399	19.80	0.276	0.399	0.793	0.721	0.071	0.122	0.675	1.468	1.467	1.518
		Left side	19.80	0.095	20.80	0.170	19.80	0.095	0.170					0.265	0.265	0.265	0.265
		Right side	19.80	0.178	20.80	0.103	19.80	0.178	0.103	0.227	0.341	0.007	0.002	0.281	0.508	0.629	0.624
		Top side	19.80		20.80		19.80			0.190	0.195	0.150	0.002	0.000	0.190	0.345	0.197
		Bottom side	19.80	0.115	20.80	0.688	19.80	0.115	0.688					0.803	0.803	0.803	0.803
N41_LAT_FC	LTE Band 26_LAT	Front	19.30	0.152	18.40	0.229	19.30	0.152	0.229	0.132	0.060	0.107	0.002	0.381	0.513	0.548	0.443
		Back	19.30	0.274	18.40	0.376	19.30	0.274	0.376	0.793	0.721	0.071	0.122	0.650	1.443	1.442	1.493
		Left side	19.30	0.051	18.40	0.069	19.30	0.051	0.069					0.120	0.120	0.120	0.120
		Right side	19.30	0.181	18.40	0.046	19.30	0.181	0.046	0.227	0.341	0.007	0.002	0.227	0.454	0.575	0.570
		Top side	19.30		18.40		19.30			0.190	0.195	0.150	0.002	0.000	0.190	0.345	0.197
		Bottom side	19.30	0.133	18.40	0.640	19.30	0.133	0.640					0.773	0.773	0.773	0.773



<Body-worn exposure condition>

WWAN Band	Exposure Position	LTE Standalone Maxmun Power (dBm)	1		2		EN-DC Active LTE Standalone Maxmun Power (dBm)	3		4		5		6		7		8		1+2 Summed 1g SAR (W/kg)	3+4+5 Summed 1g SAR (W/kg)	3+4+6+7 Summed 1g SAR (W/kg)	3+4+6+8 Summed 1g SAR (W/kg)
			LTE Standalone 1g SAR (W/kg)	NR Standalone Maxmun Power (dBm)	NR Standalone 1g SAR (W/kg)	EN-DC Active LTE		NR	2.4GHz WLAN Ant 1+2	5GHz WLAN Ant 1+2	Bluetooth Ant 1	Bluetooth Ant 2											
			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)										
N71_UAT	LTE Band 2_UAT	Front	22.30	0.234	24.30	0.159	22.30	0.234	0.159	0.063	0.066	0.052	0.002	0.393	0.456	0.511	0.461						
		Back	22.30	0.260	24.30	0.267	22.30	0.260	0.267	0.342	0.494	0.045	0.046	0.527	0.869	1.066	1.067						
	LTE Band 66_UAT	Front	22.30	0.301	24.30	0.159	22.30	0.301	0.159	0.063	0.066	0.052	0.002	0.460	0.523	0.578	0.528						
		Back	22.30	0.322	24.30	0.267	22.30	0.322	0.267	0.342	0.494	0.045	0.046	0.589	0.931	1.128	1.129						
N2_UAT	LTE Band 5_UAT	Front	23.80	0.202	22.50	0.354	23.80	0.202	0.354	0.063	0.066	0.052	0.002	0.556	0.619	0.674	0.624						
		Back	23.80	0.396	22.50	0.389	23.80	0.396	0.389	0.342	0.494	0.045	0.046	0.785	1.127	1.324	1.325						
	LTE Band 12_UAT	Front	23.80	0.325	22.50	0.354	23.80	0.325	0.354	0.063	0.066	0.052	0.002	0.679	0.742	0.797	0.747						
		Back	23.80	0.375	22.50	0.389	23.80	0.375	0.389	0.342	0.494	0.045	0.046	0.764	1.106	1.303	1.304						
N5_UAT	LTE Band 2_UAT	Front	22.30	0.234	24.30	0.149	22.30	0.234	0.149	0.063	0.066	0.052	0.002	0.383	0.446	0.501	0.451						
		Back	22.30	0.260	24.30	0.351	22.30	0.260	0.351	0.342	0.494	0.045	0.046	0.611	0.953	1.150	1.151						
	LTE Band 66_UAT	Front	22.30	0.301	24.30	0.149	22.30	0.301	0.149	0.063	0.066	0.052	0.002	0.450	0.513	0.568	0.518						
		Back	22.30	0.322	24.30	0.351	22.30	0.322	0.351	0.342	0.494	0.045	0.046	0.673	1.015	1.212	1.213						
N66_UAT	LTE Band 5_UAT	Front	23.80	0.202	22.50	0.128	23.80	0.202	0.128	0.063	0.066	0.052	0.002	0.330	0.393	0.448	0.398						
		Back	23.80	0.396	22.50	0.175	23.80	0.396	0.175	0.342	0.494	0.045	0.046	0.571	0.913	1.110	1.111						
	LTE Band 12_UAT	Front	23.80	0.325	22.50	0.128	23.80	0.325	0.128	0.063	0.066	0.052	0.002	0.453	0.516	0.571	0.521						
		Back	23.80	0.375	22.50	0.175	23.80	0.375	0.175	0.342	0.494	0.045	0.046	0.550	0.892	1.089	1.090						
	LTE Band 13_UAT	Front	23.80	0.187	22.50	0.128	23.80	0.187	0.128	0.063	0.066	0.052	0.002	0.315	0.378	0.433	0.383						
		Back	23.80	0.409	22.50	0.175	23.80	0.409	0.175	0.342	0.494	0.045	0.046	0.584	0.926	1.123	1.124						
N41_UAT_NC	LTE Band 26_UAT	Front	23.80	0.220	23.30	0.101	23.80	0.220	0.101	0.063	0.066	0.052	0.002	0.321	0.384	0.439	0.389						
		Back	23.80	0.424	23.30	0.325	23.80	0.424	0.325	0.342	0.494	0.045	0.046	0.749	1.091	1.288	1.289						
N41_UAT_FC	LTE Band 2_LAT	Front	23.80	0.466	24.40	0.147	23.80	0.466	0.147	0.063	0.066	0.052	0.002	0.613	0.676	0.731	0.681						
		Back	23.80	0.501	24.40	0.353	23.80	0.501	0.353	0.342	0.494	0.045	0.046	0.854	1.196	1.393	1.394						
	LTE Band 25_LAT	Front	23.80	0.466	24.40	0.147	23.80	0.466	0.147	0.063	0.066	0.052	0.002	0.613	0.676	0.731	0.681						
		Back	23.80	0.501	24.40	0.353	23.80	0.501	0.353	0.342	0.494	0.045	0.046	0.854	1.196	1.393	1.394						
	LTE Band 66_LAT	Front	23.80	0.390	24.40	0.147	23.80	0.390	0.147	0.063	0.066	0.052	0.002	0.537	0.600	0.655	0.605						
		Back	23.80	0.508	24.40	0.353	23.80	0.508	0.353	0.342	0.494	0.045	0.046	0.861	1.203	1.400	1.401						
LTE Band 41_LAT	Front	23.80	0.434	24.40	0.142	23.80	0.434	0.142	0.063	0.066	0.052	0.002	0.576	0.639	0.694	0.644							
	Back	23.80	0.703	24.40	0.341	23.80	0.703	0.341	0.342	0.494	0.045	0.046	1.044	1.386	1.583	1.584							
N71_LAT	LTE Band 2_LAT	Front	23.80	0.466	24.30	0.230	23.80	0.466	0.230	0.063	0.066	0.052	0.002	0.696	0.759	0.814	0.764						
		Back	23.80	0.501	24.30	0.264	23.80	0.501	0.264	0.342	0.494	0.045	0.046	0.765	1.107	1.304	1.305						
	LTE Band 66_LAT	Front	23.80	0.390	24.30	0.230	23.80	0.390	0.230	0.063	0.066	0.052	0.002	0.620	0.683	0.738	0.688						
		Back	23.80	0.508	24.30	0.264	23.80	0.508	0.264	0.342	0.494	0.045	0.046	0.772	1.114	1.311	1.312						
N2_LAT	LTE Band 5_LAT	Front	23.80	0.209	24.30	0.548	23.80	0.209	0.548	0.063	0.066	0.052	0.002	0.757	0.820	0.875	0.825						
		Back	23.80	0.325	24.30	0.655	23.80	0.325	0.655	0.342	0.494	0.045	0.046	0.980	1.322	1.519	1.520						
	LTE Band 12_LAT	Front	23.80	0.155	24.30	0.548	23.80	0.155	0.548	0.063	0.066	0.052	0.002	0.703	0.766	0.821	0.771						



FCC SAR TEST REPORT

Report No. : FA9N2009-01

		Back	23.80	0.224	24.30	0.655	23.80	0.224	0.655	0.342	0.494	0.045	0.046	0.879	1.221	1.418	1.419
N5_LAT	LTE Band 2_LAT	Front	23.80	0.466	24.30	0.261	23.80	0.466	0.261	0.063	0.066	0.052	0.002	0.727	0.790	0.845	0.795
		Back	23.80	0.501	24.30	0.431	23.80	0.501	0.431	0.342	0.494	0.045	0.046	0.932	1.274	1.471	1.472
	LTE Band 66_LAT	Front	23.80	0.390	24.30	0.261	23.80	0.390	0.261	0.063	0.066	0.052	0.002	0.651	0.714	0.769	0.719
		Back	23.80	0.508	24.30	0.431	23.80	0.508	0.431	0.342	0.494	0.045	0.046	0.939	1.281	1.478	1.479
N66_LAT	LTE Band 5_LAT	Front	23.80	0.209	24.30	0.481	23.80	0.209	0.481	0.063	0.066	0.052	0.002	0.690	0.753	0.808	0.758
		Back	23.80	0.325	24.30	0.537	23.80	0.325	0.537	0.342	0.494	0.045	0.046	0.862	1.204	1.401	1.402
	LTE Band 12_LAT	Front	23.80	0.155	24.30	0.481	23.80	0.155	0.481	0.063	0.066	0.052	0.002	0.636	0.699	0.754	0.704
		Back	23.80	0.224	24.30	0.537	23.80	0.224	0.537	0.342	0.494	0.045	0.046	0.761	1.103	1.300	1.301
	LTE Band 13_LAT	Front	23.80	0.217	24.30	0.481	23.80	0.217	0.481	0.063	0.066	0.052	0.002	0.698	0.761	0.816	0.766
		Back	23.80	0.325	24.30	0.537	23.80	0.325	0.537	0.342	0.494	0.045	0.046	0.862	1.204	1.401	1.402
N41_LAT_FC	LTE Band 26_LAT	Front	23.80	0.185	24.40	0.558	23.80	0.185	0.558	0.063	0.066	0.052	0.002	0.743	0.806	0.861	0.811
		Back	23.80	0.289	24.40	0.761	23.80	0.289	0.761	0.342	0.494	0.045	0.046	1.050	1.392	1.589	1.590



19. Supplemental tuner tests results

General Note:

1. This device implements aperture tuner (16 status) + impedance tuner (144 status) antenna tuning techniques in the WCDMA B5, CDMA BC0/10, LTE 5/12/13/17/26/71.
2. This device implements impedance tuner (144 status) antenna tuning techniques in the WCDMA B2/4, CDMA BC1, LTE 2/4/7/25/30/41/48/66.
3. 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.
4. 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.
5. To evaluate all of the tuner states, the 144 tuner states are 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.
6. The device supports LTE B5/B26, 2/B25, B4/B66, B12/17, B38/B41. Since the supported frequency span for LTE B5/B2/B4/B17/B38 falls completely within the supported frequency span for LTE B26/B25/B66/B12/B41, and both bands have the same target power and both LTE bands share the same transmission path, therefore standalone SAR was only assessed for LTE B26/B25/B66/B12/B41. The single point SAR time-sweep measurements were treated independently for each supported ACL frequency band. For the LTE B5/B2/B4/B17/B38 single point SAR measurement selected the highest measured SAR configuration and exposure condition of LTE B26/B25/B66/B12/B41.
7. According to TCBC 201904 workshop, total number tuner states divided evenly among each supported band / air interface and exposure condition combination.
8. According to TCBC 201904 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
9. 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).

19.1 Supplemental Tuner Head & Body SAR Results

Please refer to Appendix F.

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20. 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.

21. 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 248227 D01 v02r02, "SAR Guidance for IEEE 802.11 (WiFi) Transmitters", Oct 2015.
- [6] FCC KDB 447498 D01 v06, "Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies", Oct 2015
- [7] FCC KDB 648474 D04 v01r03, "SAR Evaluation Considerations for Wireless Handsets", Oct 2015.
- [8] FCC KDB 941225 D01 v03r01, "3G SAR MEAUREMENT PROCEDURES", Oct 2015
- [9] FCC KDB 941225 D05 v02r05, "SAR Evaluation Considerations for LTE Devices", Dec 2015
- [10] FCC KDB 941225 D05A v01r02, "Rel. 10 LTE SAR Test Guidance and KDB Inquiries", Oct 2015
- [11] FCC KDB 941225 D06 v02r01, "SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities", Oct 2015.
- [12] FCC KDB 941225 D07 v01r02, " SAR Evaluation Procedures for UMPC Mini-Tablet Devices", Oct 2015.
- [13] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.
- [14] FCC KDB 865664 D02 v01r02, "RF Exposure Compliance Reporting and Documentation Considerations" Oct 2015.