

Mode: 5G NR n41

fL1 (MHz)= 2546.01 MHz fL2 (MHz)= 2569.5 MHz fM (MHz)= 2592.99MHz fH1 (MHz)= 2616.51MHz fH2 (MHz)= 2640MHz

Limit of SAR (W/kg): <1.6W/kg (1g Average)

N41 SAR Test Record											
Test case				Meas power(dBm)	Tune-up (dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)		
Mode	Exposure condition	Position	Channel				First	Second	First	Second	
QPSK 1RB	Head	Left Cheek	L	22.51	23.50	1.256	---	---	---	---	
			L-M	22.49	23.50	1.262	---	---	---	---	
			M	22.55	23.50	1.245	0.253	---	0.315	---	
			M-H	22.49	23.50	1.262	---	---	---	---	
			H	22.54	23.50	1.247	---	---	---	---	
		Left tilt	L	22.51	23.50	1.256	---	---	---	---	
			L-M	22.49	23.50	1.262	---	---	---	---	
			M	22.55	23.50	1.245	0.260	---	0.324	---	
			M-H	22.49	23.50	1.262	---	---	---	---	
			H	22.54	23.50	1.247	---	---	---	---	
		Right Cheek	L	22.51	23.50	1.256	---	---	---	---	
			L-M	22.49	23.50	1.262	---	---	---	---	
			M	22.55	23.50	1.245	0.368	---	0.458	---	
			M-H	22.49	23.50	1.262	---	---	---	---	
			H	22.54	23.50	1.247	---	---	---	---	
		Right tilt	L	22.51	23.50	1.256	---	---	---	---	
			L-M	22.49	23.50	1.262	---	---	---	---	
			M	22.55	23.50	1.245	0.416	---	0.518	---	
			M-H	22.49	23.50	1.262	---	---	---	---	
			H	22.54	23.50	1.247	---	---	---	---	
	Body-worn	Back	L	22.51	23.50	1.256	---	---	---	---	
			L-M	22.49	23.50	1.262	---	---	---	---	
			M	22.55	23.50	1.245	0.077	---	0.095	---	
			M-H	22.49	23.50	1.262	---	---	---	---	
			H	22.54	23.50	1.247	---	---	---	---	
		Front	L	22.51	23.50	1.256	---	---	---	---	
			L-M	22.49	23.50	1.262	---	---	---	---	
			M	22.55	23.50	1.245	0.071	---	0.088	---	
			M-H	22.49	23.50	1.262	---	---	---	---	
			H	22.54	23.50	1.247	---	---	---	---	
		Hotspot	Back	L	22.51	23.50	1.256	---	---	---	---
				L-M	22.49	23.50	1.262	---	---	---	---
	M			22.55	23.50	1.245	0.077	---	0.095	---	
	M-H			22.49	23.50	1.262	---	---	---	---	
	H			22.54	23.50	1.247	---	---	---	---	
	Front		L	22.51	23.50	1.256	---	---	---	---	
			L-M	22.49	23.50	1.262	---	---	---	---	
			M	22.55	23.50	1.245	0.071	---	0.088	---	
			M-H	22.49	23.50	1.262	---	---	---	---	
			H	22.54	23.50	1.247	---	---	---	---	
Top	L		22.51	23.50	1.256	---	---	---	---		
	L-M		22.49	23.50	1.262	---	---	---	---		
	M		22.55	23.50	1.245	0.172	---	0.214	---		
	M-H		22.49	23.50	1.262	---	---	---	---		
	H		22.54	23.50	1.247	---	---	---	---		
Bottom	L	22.51	23.50	1.256	---	---	---	---			
	L-M	22.49	23.50	1.262	---	---	---	---			
	M	22.55	23.50	1.245	---	---	---	---			
	M-H	22.49	23.50	1.262	---	---	---	---			
	M-H	22.49	23.50	1.262	---	---	---	---			

		Left	H	22.54	23.50	1.247	---	---	---	---	
			L	22.51	23.50	1.256	---	---	---	---	
			L-M	22.49	23.50	1.262	---	---	---	---	
			M	22.55	23.50	1.245	0.013	---	0.017	---	
			M-H	22.49	23.50	1.262	---	---	---	---	
			H	22.54	23.50	1.247	---	---	---	---	
			L	22.51	23.50	1.256	---	---	---	---	
			L-M	22.49	23.50	1.262	---	---	---	---	
			M	22.55	23.50	1.245	0.001	---	0.002	---	
			M-H	22.49	23.50	1.262	---	---	---	---	
		Right	H	22.54	23.50	1.247	---	---	---	---	
			L	22.51	23.50	1.256	---	---	---	---	
			L-M	22.49	23.50	1.262	---	---	---	---	
			M	22.55	23.50	1.245	0.013	---	0.017	---	
			M-H	22.49	23.50	1.262	---	---	---	---	
			H	22.54	23.50	1.247	---	---	---	---	
QPSK 50%RB	Head	Left Cheek	L	22.42	23.50	1.282	---	---	---	---	
			L-M	22.36	23.50	1.300	---	---	---	---	
			M	22.45	23.50	1.274	0.265	---	0.337	---	
			M-H	22.37	23.50	1.297	---	---	---	---	
		Left tilt	H	22.44	23.50	1.276	---	---	---	---	
			L	22.42	23.50	1.282	---	---	---	---	
			L-M	22.36	23.50	1.300	---	---	---	---	
			M	22.45	23.50	1.274	0.285	---	0.363	---	
		Right Cheek	M-H	22.37	23.50	1.297	---	---	---	---	
			H	22.44	23.50	1.276	---	---	---	---	
			L	22.42	23.50	1.282	---	---	---	---	
			L-M	22.36	23.50	1.300	---	---	---	---	
		Right tilt	M	22.45	23.50	1.274	0.404	---	0.514	---	
			M-H	22.37	23.50	1.297	---	---	---	---	
			H	22.44	23.50	1.276	---	---	---	---	
			L	22.42	23.50	1.282	0.365	---	0.468	---	
		Body-worn	Back	L-M	22.36	23.50	1.300	0.369	---	0.48	---
				M	22.45	23.50	1.274	0.454	---	0.578	---
				M-H	22.37	23.50	1.297	0.382	---	0.496	---
				H	22.44	23.50	1.276	0.358	---	0.457	---
		Front	L	22.42	23.50	1.282	0.079	---	0.101	---	
			L-M	22.36	23.50	1.300	0.087	---	0.112	---	
			M	22.45	23.50	1.274	0.109	---	0.139	---	
			M-H	22.37	23.50	1.297	0.094	---	0.122	---	
Hotspot	Back	H	22.44	23.50	1.276	0.101	---	0.129	---		
		L	22.42	23.50	1.282	---	---	---	---		
		L-M	22.36	23.50	1.300	---	---	---	---		
		M	22.45	23.50	1.274	0.083	---	0.106	---		
	Front	M-H	22.37	23.50	1.297	---	---	---	---		
		H	22.44	23.50	1.276	---	---	---	---		
		L	22.42	23.50	1.282	---	---	---	---		
		L-M	22.36	23.50	1.300	---	---	---	---		
	Top	M	22.45	23.50	1.274	0.068	---	0.087	---		
		M-H	22.37	23.50	1.297	---	---	---	---		
		H	22.44	23.50	1.276	---	---	---	---		
		L	22.42	23.50	1.282	0.179	---	0.23	---		
Bottom	L-M	22.36	23.50	1.300	0.147	---	0.191	---			
	M	22.45	23.50	1.274	0.218	---	0.278	---			
			M-H	22.37	23.50	1.297	0.170	---	0.221	---	
			H	22.44	23.50	1.276	0.163	---	0.208	---	
			L	22.42	23.50	1.282	---	---	---	---	
			L-M	22.36	23.50	1.300	---	---	---	---	

			M	22.45	23.50	1.274	---	---	---	---
			M-H	22.37	23.50	1.297	---	---	---	---
			H	22.44	23.50	1.276	---	---	---	---
		Left	L	22.42	23.50	1.282	---	---	---	---
			L-M	22.36	23.50	1.300	---	---	---	---
			M	22.45	23.50	1.274	0.011	---	0.014	---
			M-H	22.37	23.50	1.297	---	---	---	---
		Right	H	22.44	23.50	1.276	---	---	---	---
			L	22.42	23.50	1.282	---	---	---	---
			L-M	22.36	23.50	1.300	---	---	---	---
			M	22.45	23.50	1.274	0.003	---	0.004	---
			M-H	22.37	23.50	1.297	---	---	---	---
			H	22.44	23.50	1.276	---	---	---	---

Mode: 5G NR n66

fL (MHz)= 1730 MHz fM (MHz)= 1745MHz fH (MHz)= 1760MHz

Limit of SAR (W/kg): <1.6W/kg (1g Average)

SA N66 SAR Test Record											
Test case				Meas power(dBm)	Tune-up (dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)		
Mode	Exposure condition	Position	Channel				First	Second	First	Second	
QPSK 1RB	Head	Left Cheek	L	18.87	19.50	1.156	---	---	---	---	
			M	18.88	19.50	1.153	0.415	---	0.479	---	
			H	18.87	19.50	1.156	---	---	---	---	
		Left tilt	L	18.87	19.50	1.156	---	---	---	---	
			M	18.88	19.50	1.153	0.390	---	0.45	---	
			H	18.87	19.50	1.156	---	---	---	---	
		Right Cheek	L	18.87	19.50	1.156	---	---	---	---	
			M	18.88	19.50	1.153	0.489	---	0.564	---	
			H	18.87	19.50	1.156	---	---	---	---	
		Right tilt	L	18.87	19.50	1.156	---	---	---	---	
			M	18.88	19.50	1.153	0.405	---	0.467	---	
			H	18.87	19.50	1.156	---	---	---	---	
	Body-worn	Back	L	22.82	23.50	1.169	0.711	---	0.832	---	
			M	22.84	23.50	1.164	0.732	---	0.852	---	
			H	22.82	23.50	1.169	0.744	---	0.87	---	
		Front	L	22.82	23.50	1.169	---	---	---	---	
			M	22.84	23.50	1.164	0.405	---	0.471	---	
			H	22.82	23.50	1.169	---	---	---	---	
	Hotspot	Back	L	22.82	23.50	1.169	0.711	---	0.832	---	
			M	22.84	23.50	1.164	0.732	---	0.852	---	
			H	22.82	23.50	1.169	0.744	---	0.87	---	
			Front	L	22.82	23.50	1.169	---	---	---	---
				M	22.84	23.50	1.164	0.405	---	0.471	---
				H	22.82	23.50	1.169	---	---	---	---
		Top	L	22.82	23.50	1.169	---	---	---	---	
			M	22.84	23.50	1.164	0.417	---	0.485	---	
			H	22.82	23.50	1.169	---	---	---	---	
			Bottom	L	22.82	23.50	1.169	---	---	---	---
				M	22.84	23.50	1.164	---	---	---	---
				H	22.82	23.50	1.169	---	---	---	---
		Left	L	22.82	23.50	1.169	---	---	---	---	
			M	22.84	23.50	1.164	0.230	---	0.268	---	
			H	22.82	23.50	1.169	---	---	---	---	
		Right	L	22.82	23.50	1.169	---	---	---	---	
			M	22.84	23.50	1.164	0.042	---	0.048	---	
			H	22.82	23.50	1.169	---	---	---	---	
QPSK 50%RB	Head	Left Cheek	L	19.02	19.50	1.117	---	---	---	---	
			M	19.03	19.50	1.114	0.435	---	0.485	---	
			H	19.01	19.50	1.119	---	---	---	---	
		Left tilt	L	19.02	19.50	1.117	---	---	---	---	
			M	19.03	19.50	1.114	0.394	---	0.439	---	
			H	19.01	19.50	1.119	---	---	---	---	
		Right Cheek	L	19.02	19.50	1.117	0.497	---	0.555	---	
			M	19.03	19.50	1.114	0.511	---	0.569	---	
			H	19.01	19.50	1.119	0.520	---	0.582	---	
		Right tilt	L	19.02	19.50	1.117	---	---	---	---	
			M	19.03	19.50	1.114	0.477	---	0.532	---	
			H	19.01	19.50	1.119	---	---	---	---	
	Body-worn	Back	L	22.72	23.50	1.197	0.704	---	0.843	---	
			M	22.73	23.50	1.194	0.748	---	0.893	---	

Hotspot	Front	H	22.69	23.50	1.205	0.737	---	0.888	---
		L	22.72	23.50	1.197	---	---	---	---
		M	22.73	23.50	1.194	0.398	---	0.475	---
	Back	H	22.69	23.50	1.205	---	---	---	---
		L	22.72	23.50	1.197	0.704	---	0.843	---
		M	22.73	23.50	1.194	0.748	---	0.893	---
	Front	H	22.69	23.50	1.205	0.737	---	0.888	---
		L	22.72	23.50	1.197	---	---	---	---
		M	22.73	23.50	1.194	0.398	---	0.475	---
	Top	H	22.69	23.50	1.205	---	---	---	---
		L	22.72	23.50	1.197	---	---	---	---
		M	22.73	23.50	1.194	0.425	---	0.507	---
	Bottom	H	22.69	23.50	1.205	---	---	---	---
		L	22.72	23.50	1.197	---	---	---	---
		M	22.73	23.50	1.194	---	---	---	---
	Left	H	22.69	23.50	1.205	---	---	---	---
		L	22.72	23.50	1.197	---	---	---	---
		M	22.73	23.50	1.194	0.214	---	0.256	---
Right	H	22.69	23.50	1.205	---	---	---	---	
	L	22.72	23.50	1.197	---	---	---	---	
	M	22.73	23.50	1.194	0.046	---	0.054	---	
		H	22.69	23.50	1.205	---	---	---	---

NSA N66 SAR Test Record										
Test case				Meas power(dBm)	Tune-up (dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel				First	Second	First	Second
QPSK 1RB	Head	Left Cheek	L	---	---	1.000	---	---	---	---
			M	---	---	1.000	---	---	---	---
			H	---	---	1.000	---	---	---	---
		Left tilt	L	---	---	1.000	---	---	---	---
			M	---	---	1.000	---	---	---	---
			H	---	---	1.000	---	---	---	---
		Right Cheek	L	---	---	1.000	---	---	---	---
			M	---	---	1.000	---	---	---	---
			H	---	---	1.000	---	---	---	---
		Right tilt	L	---	---	1.000	---	---	---	---
			M	---	---	1.000	---	---	---	---
			H	---	---	1.000	---	---	---	---
	Body-worn	Back	L	21.99	22.50	1.125	0.509	---	0.572	---
			M	22.01	22.50	1.119	0.524	---	0.587	---
			H	21.98	22.50	1.127	0.538	---	0.606	---
		Front	L	21.99	22.50	1.125	---	---	---	---
			M	22.01	22.50	1.119	0.310	---	0.347	---
			H	21.98	22.50	1.127	---	---	---	---
	Hotspot	Back	L	22.82	22.50	0.929	0.711	---	0.66	---
			M	22.84	22.50	0.925	0.732	---	0.677	---
			H	22.82	22.50	0.929	0.744	---	0.691	---
		Front	L	22.82	22.50	0.929	---	---	---	---
			M	22.84	22.50	0.925	0.405	---	0.375	---
			H	22.82	22.50	0.929	---	---	---	---
Top		L	22.82	22.50	0.929	---	---	---	---	
		M	22.84	22.50	0.925	0.417	---	0.386	---	
		H	22.82	22.50	0.929	---	---	---	---	
Bottom		L	22.82	22.50	0.929	---	---	---	---	
		M	22.84	22.50	0.925	---	---	---	---	
		H	22.82	22.50	0.929	---	---	---	---	
Left	L	22.82	22.50	0.929	---	---	---	---		

QPSK 50%RB	Head	Right	M	22.84	22.50	0.925	0.230	---	0.213	---	
			H	22.82	22.50	0.929	---	---	---	---	
			L	22.82	22.50	0.929	---	---	---	---	
		Left Cheek	M	22.84	22.50	0.925	0.042	---	0.038	---	
			H	22.82	22.50	0.929	---	---	---	---	
			L	---	---	1.000	---	---	---	---	
	Body-worn	Left tilt	M	---	---	1.000	---	---	---	---	
			H	---	---	1.000	---	---	---	---	
			L	---	---	1.000	---	---	---	---	
		Right Cheek	M	---	---	1.000	---	---	---	---	
			H	---	---	1.000	---	---	---	---	
			L	---	---	1.000	---	---	---	---	
	Hotspot	Right tilt	M	---	---	1.000	---	---	---	---	
			H	---	---	1.000	---	---	---	---	
			L	---	---	1.000	---	---	---	---	
		Back	Back	L	21.91	22.50	1.146	---	---	---	---
				M	21.99	22.50	1.125	0.502	---	0.565	---
				H	21.98	22.50	1.127	---	---	---	---
Front			L	21.91	22.50	1.146	---	---	---	---	
			M	21.99	22.50	1.125	0.299	---	0.336	---	
			H	21.98	22.50	1.127	---	---	---	---	
Front		Back	L	22.72	22.50	0.951	0.704	---	0.669	---	
			M	22.73	22.50	0.948	0.748	---	0.709	---	
			H	22.69	22.50	0.957	0.737	---	0.705	---	
	Front	L	22.72	22.50	0.951	---	---	---	---		
		M	22.73	22.50	0.948	0.398	---	0.377	---		
		H	22.69	22.50	0.957	---	---	---	---		
Top	Top	L	22.72	22.50	0.951	---	---	---	---		
		M	22.73	22.50	0.948	0.425	---	0.403	---		
		H	22.69	22.50	0.957	---	---	---	---		
	Bottom	L	22.72	22.50	0.951	---	---	---	---		
		M	22.73	22.50	0.948	---	---	---	---		
		H	22.69	22.50	0.957	---	---	---	---		
Left	L	22.72	22.50	0.951	---	---	---	---			
	M	22.73	22.50	0.948	0.214	---	0.203	---			
	H	22.69	22.50	0.957	---	---	---	---			
Right	L	22.72	22.50	0.951	---	---	---	---			
	M	22.73	22.50	0.948	0.046	---	0.043	---			
	H	22.69	22.50	0.957	---	---	---	---			

Mode: 5G NR n71

fL (MHz)= 673 MHz fM (MHz)= 680.5MHz fH (MHz)= 688MHz

Limit of SAR (W/kg): <1.6W/kg (1g Average)

N66 SAR Test Record											
Test case				Meas power(dBm)	Tune-up (dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)		
Mode	Exposure condition	Position	Channel				First	Second	First	Second	
QPSK 1RB	Head	Left Cheek	L	22.38	24.00	1.452	---	---	---	---	
			M	22.45	24.00	1.429	0.062	---	0.089	---	
			H	22.41	24.00	1.442	---	---	---	---	
		Left tilt	L	22.38	24.00	1.452	---	---	---	---	
			M	22.45	24.00	1.429	0.027	---	0.038	---	
			H	22.41	24.00	1.442	---	---	---	---	
		Right Cheek	L	22.38	24.00	1.452	---	---	---	---	
			M	22.45	24.00	1.429	0.077	---	0.111	---	
			H	22.41	24.00	1.442	---	---	---	---	
		Right tilt	L	22.38	24.00	1.452	---	---	---	---	
			M	22.45	24.00	1.429	0.037	---	0.052	---	
			H	22.41	24.00	1.442	---	---	---	---	
	Body-worn	Back	L	22.38	24.00	1.452	---	---	---	---	
			M	22.45	24.00	1.429	0.101	---	0.144	---	
			H	22.41	24.00	1.442	---	---	---	---	
		Front	L	22.38	24.00	1.452	---	---	---	---	
			M	22.45	24.00	1.429	0.086	---	0.123	---	
			H	22.41	24.00	1.442	---	---	---	---	
	Hotspot	Back	L	22.38	24.00	1.452	---	---	---	---	
			M	22.45	24.00	1.429	0.100	---	0.142	---	
			H	22.41	24.00	1.442	---	---	---	---	
			Front	L	22.38	24.00	1.452	---	---	---	---
				M	22.45	24.00	1.429	0.085	---	0.122	---
				H	22.41	24.00	1.442	---	---	---	---
		Top	L	22.38	24.00	1.452	---	---	---	---	
			M	22.45	24.00	1.429	---	---	---	---	
			H	22.41	24.00	1.442	---	---	---	---	
		Bottom	L	22.38	24.00	1.452	---	---	---	---	
			M	22.45	24.00	1.429	0.070	---	0.1	---	
			H	22.41	24.00	1.442	---	---	---	---	
		Left	L	22.38	24.00	1.452	---	---	---	---	
			M	22.45	24.00	1.429	0.091	---	0.13	---	
			H	22.41	24.00	1.442	---	---	---	---	
			Right	L	22.38	24.00	1.452	---	---	---	---
				M	22.45	24.00	1.429	0.117	---	0.167	---
				H	22.41	24.00	1.442	---	---	---	---
QPSK 50%RB	Head	Left Cheek	L	22.34	24.00	1.466	---	---	---	---	
			M	22.35	24.00	1.462	0.072	---	0.105	---	
			H	22.34	24.00	1.466	---	---	---	---	
		Left tilt	L	22.34	24.00	1.466	---	---	---	---	
			M	22.35	24.00	1.462	0.032	---	0.047	---	
			H	22.34	24.00	1.466	---	---	---	---	
		Right Cheek	L	22.34	24.00	1.466	0.058	---	0.085	---	
			M	22.35	24.00	1.462	0.081	---	0.118	---	
			H	22.34	24.00	1.466	0.081	---	0.119	---	
		Right tilt	L	22.34	24.00	1.466	---	---	---	---	
			M	22.35	24.00	1.462	0.036	---	0.053	---	
			H	22.34	24.00	1.466	---	---	---	---	
	Body-worn	Back	L	22.34	24.00	1.466	0.104	---	0.152	---	
			M	22.35	24.00	1.462	0.113	---	0.165	---	

	Front	H	22.34	24.00	1.466	0.122	---	0.179	---
		L	22.34	24.00	1.466	---	---	---	---
		M	22.35	24.00	1.462	0.090	---	0.131	---
	Back	H	22.34	24.00	1.466	---	---	---	---
		L	22.34	24.00	1.466	---	---	---	---
		M	22.35	24.00	1.462	0.112	---	0.164	---
	Front	L	22.34	24.00	1.466	---	---	---	---
		M	22.35	24.00	1.462	0.089	---	0.13	---
		H	22.34	24.00	1.466	---	---	---	---
	Top	L	22.34	24.00	1.466	---	---	---	---
		M	22.35	24.00	1.462	0.425	---	0.621	---
		H	22.34	24.00	1.466	---	---	---	---
	Bottom	L	22.34	24.00	1.466	---	---	---	---
		M	22.35	24.00	1.462	0.078	---	0.114	---
		H	22.34	24.00	1.466	---	---	---	---
	Left	L	22.34	24.00	1.466	---	---	---	---
		M	22.35	24.00	1.462	0.086	---	0.125	---
		H	22.34	24.00	1.466	---	---	---	---
	Right	L	22.34	24.00	1.466	0.106	---	0.155	---
		M	22.35	24.00	1.462	0.139	---	0.203	---
H		22.34	24.00	1.466	0.141	---	0.207	---	

Mode: 5G NR n78

fL (MHz)= 3500 MHz fM (MHz)= 3500MHz fH (MHz)= 3500MHz

Limit of SAR (W/kg): <1.6W/kg (1g Average)

N78FCC SAR Test Record											
Test case				Meas power(dBm)	Tune-up (dBm)	Scaling factor	Meas SAR(w/kg)		Report SAR(w/kg)		
Mode	Exposure condition	Position	Channel				First	Second	First	Second	
QPSK 1RB	Head	Left Cheek	L	21.98	23.00	1.265	---	---	---	---	
			M	21.98	23.00	1.265	0.148	---	0.187	---	
			H	21.98	23.00	1.265	---	---	---	---	
		Left tilt	L	21.98	23.00	1.265	---	---	---	---	
			M	21.98	23.00	1.265	0.092	---	0.116	---	
			H	21.98	23.00	1.265	---	---	---	---	
		Right Cheek	L	21.98	23.00	1.265	---	---	---	---	
			M	21.98	23.00	1.265	0.037	---	0.047	---	
			H	21.98	23.00	1.265	---	---	---	---	
		Right tilt	L	21.98	23.00	1.265	---	---	---	---	
			M	21.98	23.00	1.265	0.037	---	0.046	---	
			H	21.98	23.00	1.265	---	---	---	---	
	Body-worn	Back	L	24.90	26.00	1.288	---	---	---	---	
			M	24.90	26.00	1.288	0.142	---	0.183	---	
			H	24.90	26.00	1.288	---	---	---	---	
		Front	L	24.90	26.00	1.288	---	---	---	---	
			M	24.90	26.00	1.288	0.045	---	0.058	---	
			H	24.90	26.00	1.288	---	---	---	---	
	Hotspot	Back	L	24.90	26.00	1.288	---	---	---	---	
			M	24.90	26.00	1.288	0.142	---	0.183	---	
			H	24.90	26.00	1.288	---	---	---	---	
			Front	L	24.90	26.00	1.288	---	---	---	---
				M	24.90	26.00	1.288	0.045	---	0.058	---
				H	24.90	26.00	1.288	---	---	---	---
		Top	L	24.90	26.00	1.288	---	---	---	---	
			M	24.90	26.00	1.288	0.036	---	0.047	---	
			H	24.90	26.00	1.288	---	---	---	---	
		Bottom	L	24.90	26.00	1.288	---	---	---	---	
			M	24.90	26.00	1.288	---	---	---	---	
			H	24.90	26.00	1.288	---	---	---	---	
		Left	L	24.90	26.00	1.288	---	---	---	---	
			M	24.90	26.00	1.288	---	---	---	---	
			H	24.90	26.00	1.288	---	---	---	---	
		Right	L	24.90	26.00	1.288	---	---	---	---	
			M	24.90	26.00	1.288	0.193	---	0.249	---	
			H	24.90	26.00	1.288	---	---	---	---	
QPSK 50%RB	Head	Left Cheek	L	21.93	23.00	1.279	---	---	---	---	
			M	21.93	23.00	1.279	0.143	---	0.183	---	
			H	21.93	23.00	1.279	---	---	---	---	
		Left tilt	L	21.93	23.00	1.279	---	---	---	---	
			M	21.93	23.00	1.279	0.090	---	0.115	---	
			H	21.93	23.00	1.279	---	---	---	---	
		Right Cheek	L	21.93	23.00	1.279	---	---	---	---	
			M	21.93	23.00	1.279	0.035	---	0.045	---	
			H	21.93	23.00	1.279	---	---	---	---	
		Right tilt	L	21.93	23.00	1.279	---	---	---	---	
			M	21.93	23.00	1.279	0.031	---	0.04	---	
			H	21.93	23.00	1.279	---	---	---	---	
	Body-worn	Back	L	24.89	26.00	1.291	---	---	---	---	
			M	24.89	26.00	1.291	0.169	---	0.218	---	
			H	24.89	26.00	1.291	---	---	---	---	

	Front	H	24.89	26.00	1.291	---	---	---	---
		L	24.89	26.00	1.291	---	---	---	---
		M	24.89	26.00	1.291	0.055	---	0.071	---
	Back	H	24.89	26.00	1.291	---	---	---	---
		L	24.89	26.00	1.291	---	---	---	---
		M	24.89	26.00	1.291	0.169	---	0.218	---
	Front	L	24.89	26.00	1.291	---	---	---	---
		M	24.89	26.00	1.291	0.055	---	0.071	---
		H	24.89	26.00	1.291	---	---	---	---
	Top	L	24.89	26.00	1.291	---	---	---	---
		M	24.89	26.00	1.291	0.035	---	0.045	---
		H	24.89	26.00	1.291	---	---	---	---
	Bottom	L	24.89	26.00	1.291	---	---	---	---
		M	24.89	26.00	1.291	---	---	---	---
		H	24.89	26.00	1.291	---	---	---	---
	Left	L	24.89	26.00	1.291	---	---	---	---
		M	24.89	26.00	1.291	---	---	---	---
		H	24.89	26.00	1.291	---	---	---	---
	Right	L	24.89	26.00	1.291	---	---	---	---
		M	24.89	26.00	1.291	0.256	---	0.331	---
		H	24.89	26.00	1.291	---	---	---	---

Mode: Wi-Fi 2.4GHz

fL (MHz)=2412MHz fM (MHz)=2437MHz fH (MHz)= 2462MHz

Limit of SAR (W/kg): <1.6W/kg (1g Average)

Test case				Meas power(dBm)	Tune-up (dBm)	Scaling factor	Duty Cycle	Meas SAR(w/kg)		Report SAR(w/kg)	
Mode	Exposure condition	Position	Channel					First	Second	First	Second
QPSK 1RB	Head	Left Cheek	L	14.80	16.00	1.318	1.006	---	---	---	---
			M	14.84	16.00	1.306	1.006	0.178	---	0.234	---
			H	14.47	16.00	1.422	1.006	---	---	---	---
		Left tilt	L	14.80	16.00	1.318	1.006	0.222	---	0.294	---
			M	14.84	16.00	1.306	1.006	0.203	---	0.267	---
			H	14.47	16.00	1.422	1.006	0.263	---	0.376	---
		Right Cheek	L	14.80	16.00	1.318	1.006	---	---	---	---
			M	14.84	16.00	1.306	1.006	0.111	---	0.146	---
			H	14.47	16.00	1.422	1.006	---	---	---	---
		Right tilt	L	14.80	16.00	1.318	1.006	---	---	---	---
			M	14.84	16.00	1.306	1.006	0.090	---	0.118	---
			H	14.47	16.00	1.422	1.006	---	---	---	---
	Body-worn	Back	L	18.01	19.00	1.256	1.006	0.181	---	0.229	---
			M	18.10	19.00	1.230	1.006	0.187	---	0.231	---
			H	17.67	19.00	1.358	1.006	0.160	---	0.219	---
		Front	L	18.01	19.00	1.256	1.006	---	---	---	---
			M	18.10	19.00	1.230	1.006	0.101	---	0.125	---
			H	17.67	19.00	1.358	1.006	---	---	---	---
	Hotspot	Back	L	18.01	19.00	1.256	1.006	---	---	---	---
			M	18.10	19.00	1.230	1.006	0.187	---	0.231	---
			H	17.67	19.00	1.358	1.006	---	---	---	---
			L	18.01	19.00	1.256	1.006	---	---	---	---
			M	18.10	19.00	1.230	1.006	0.101	---	0.125	---
			H	17.67	19.00	1.358	1.006	---	---	---	---
		Top	L	18.01	19.00	1.256	1.006	0.291	---	0.368	---
			M	18.10	19.00	1.230	1.006	0.211	---	0.261	---
			H	17.67	19.00	1.358	1.006	0.201	---	0.275	---
		Bottom	L	18.01	19.00	1.256	1.006	---	---	---	---
			M	18.10	19.00	1.230	1.006	---	---	---	---
			H	17.67	19.00	1.358	1.006	---	---	---	---
		Left	L	18.01	19.00	1.256	1.006	---	---	---	---
			M	18.10	19.00	1.230	1.006	---	---	---	---
			H	17.67	19.00	1.358	1.006	---	---	---	---
		Right	L	18.01	19.00	1.256	1.006	---	---	---	---
			M	18.10	19.00	1.230	1.006	0.067	---	0.083	---
			H	17.67	19.00	1.358	1.006	---	---	---	---

Mode: Wi-Fi 5GHz U-NII-1

Limit of SAR (W/kg): <1.6W/kg (1g Average)

Mode	Exposure condition	Test case		Meas power(dBm)	Tune-up(dBm)	Scaling factor	Duty factor	Meas SAR(w/kg)		Report SAR(w/kg)		
		Position	Channel					First	Second	First	Second	
802.11a	Head	Left Cheek	L	---	---	---	---	---	---	---	---	
			M	---	---	---	---	---	---	---	---	
			H	---	---	---	---	---	---	---	---	
		Left tilt	L	---	---	---	---	---	---	---	---	---
			M	---	---	---	---	---	---	---	---	---
			H	---	---	---	---	---	---	---	---	---
		Right Cheek	L	---	---	---	---	---	---	---	---	---
			M	---	---	---	---	---	---	---	---	---
			H	---	---	---	---	---	---	---	---	---
		Right tilt	L	---	---	---	---	---	---	---	---	---
			M	---	---	---	---	---	---	---	---	---
			H	---	---	---	---	---	---	---	---	---
	Body-worn	Back	L	---	---	---	---	---	---	---	---	
			M	---	---	---	---	---	---	---	---	
			H	---	---	---	---	---	---	---	---	
		Front	L	---	---	---	---	---	---	---	---	
			M	---	---	---	---	---	---	---	---	
			H	---	---	---	---	---	---	---	---	
	Hotspot	Back	L	16.47	18.00	1.422	1.018	---	---	---	---	
			M	16.82	18.00	1.312	1.018	---	---	---	---	
			H	16.88	18.00	1.294	1.018	0.0818	---	0.108	---	
		Front	L	16.47	18.00	1.422	1.018	---	---	---	---	
			M	16.82	18.00	1.312	1.018	---	---	---	---	
			H	16.88	18.00	1.294	1.018	0.15	---	0.198	---	
		Top	L	16.47	18.00	1.422	1.018	0.242	---	0.351	---	
			M	16.82	18.00	1.312	1.018	0.258	---	0.345	---	
			H	16.88	18.00	1.294	1.018	0.278	---	0.366	---	
		Bottom	L	16.47	18.00	1.422	1.018	---	---	---	---	
			M	16.82	18.00	1.312	1.018	---	---	---	---	
			H	16.88	18.00	1.294	1.018	---	---	---	---	
		Left	L	16.47	18.00	1.422	1.018	---	---	---	---	
			M	16.82	18.00	1.312	1.018	---	---	---	---	
			H	16.88	18.00	1.294	1.018	---	---	---	---	
		Right	L	16.47	18.00	1.422	1.018	---	---	---	---	
			M	16.82	18.00	1.312	1.018	---	---	---	---	
			H	16.88	18.00	1.294	1.018	0.151	---	0.199	---	

Mode: Wi-Fi 5GHz U-NII-2A

Limit of SAR (W/kg): <1.6W/kg (1g Average) <4.0W/kg (10g Average)

Mode	Test case			Meas power(dBm)	Tune-up(dBm)	Scaling factor	Duty factor	Meas SAR(w/kg)		Report SAR(w/kg)		
	Exposure condition	Position	Channel					First	Second	First	Second	
802.11a	Head	Left Cheek	L	13.95	15.00	1.274	1.018	---	---	---	---	
			M	13.97	15.00	1.268	1.018	---	---	---	---	
			H	14.03	15.00	1.250	1.018	0.446	---	0.568	---	
		Left tilt	L	13.95	15.00	1.274	1.018	0.476	---	0.617	---	
			M	13.97	15.00	1.268	1.018	0.504	---	0.651	---	
			H	14.03	15.00	1.250	1.018	0.453	---	0.577	---	
		Right Cheek	L	13.95	15.00	1.274	1.018	---	---	---	---	
			M	13.97	15.00	1.268	1.018	---	---	---	---	
			H	14.03	15.00	1.250	1.018	0.298	---	0.379	---	
		Right tilt	L	13.95	15.00	1.274	1.018	---	---	---	---	
			M	13.97	15.00	1.268	1.018	---	---	---	---	
			H	14.03	15.00	1.250	1.018	0.376	---	0.479	---	
		Body-worn	Back	L	16.78	18.00	1.324	1.018	---	---	---	---
				M	16.65	18.00	1.365	1.018	---	---	---	---
				H	16.79	18.00	1.321	1.018	0.107	---	0.144	---
			Front	L	16.78	18.00	1.324	1.018	0.144	---	0.194	---
				M	16.65	18.00	1.365	1.018	0.152	---	0.211	---
				H	16.79	18.00	1.321	1.018	0.15	---	0.202	---
		Hotspot	Back	L	---	---	---	---	---	---	---	---
				M	---	---	---	---	---	---	---	---
				H	---	---	---	---	---	---	---	---
			Front	L	---	---	---	---	---	---	---	---
				M	---	---	---	---	---	---	---	---
				H	---	---	---	---	---	---	---	---
	Top		L	---	---	---	---	---	---	---	---	
			M	---	---	---	---	---	---	---	---	
			H	---	---	---	---	---	---	---	---	
	Bottom		L	---	---	---	---	---	---	---	---	
			M	---	---	---	---	---	---	---	---	
			H	---	---	---	---	---	---	---	---	
	Left		L	---	---	---	---	---	---	---	---	
			M	---	---	---	---	---	---	---	---	
			H	---	---	---	---	---	---	---	---	
	Right		L	---	---	---	---	---	---	---	---	
			M	---	---	---	---	---	---	---	---	
			H	---	---	---	---	---	---	---	---	
	Product specific (10g)		Back	L	16.78	18.00	1.324	1.018	---	---	---	---
				M	16.65	18.00	1.365	1.018	---	---	---	---
				H	16.79	18.00	1.321	1.018	0.353	---	0.475	---
			Front	L	16.78	18.00	1.324	1.018	---	---	---	---
				M	16.65	18.00	1.365	1.018	---	---	---	---
				H	16.79	18.00	1.321	1.018	0.434	---	0.584	---
		Top	L	16.78	18.00	1.324	1.018	0.883	---	1.191	---	
			M	16.65	18.00	1.365	1.018	0.972	---	1.351	---	
			H	16.79	18.00	1.321	1.018	0.899	---	1.21	---	
		Bottom	L	16.78	18.00	1.324	1.018	---	---	---	---	
			M	16.65	18.00	1.365	1.018	---	---	---	---	
			H	16.79	18.00	1.321	1.018	---	---	---	---	
		Left	L	16.78	18.00	1.324	1.018	---	---	---	---	
			M	16.65	18.00	1.365	1.018	---	---	---	---	
			H	16.79	18.00	1.321	1.018	---	---	---	---	
		Right	L	16.78	18.00	1.324	1.018	---	---	---	---	
			M	16.65	18.00	1.365	1.018	---	---	---	---	
			H	16.79	18.00	1.321	1.018	0.413	---	0.556	---	

Mode: Wi-Fi 5GHz U-NII-2C

Limit of SAR (W/kg): <1.6W/kg (1g Average) <4.0W/kg (10g Average)

Mode	Test case			Meas power(dBm)	Tune-up(dBm)	Scaling factor	Duty factor	Meas SAR(w/kg)		Report SAR(w/kg)		
	Exposure condition	Position	Channel					First	Second	First	Second	
802.11a	Head	Left Cheek	L	13.24	15.00	1.500	1.018	---	---	---	---	
			M	13.09	15.00	1.552	1.018	---	---	---	---	
			H	13.95	15.00	1.274	1.018	0.33	---	0.428	---	
		Left tilt	L	13.24	15.00	1.500	1.018	---	---	---	---	
			M	13.09	15.00	1.552	1.018	---	---	---	---	
			H	13.95	15.00	1.274	1.018	0.34	---	0.441	---	
		Right Cheek	L	13.24	15.00	1.500	1.018	---	---	---	---	
			M	13.09	15.00	1.552	1.018	---	---	---	---	
			H	13.95	15.00	1.274	1.018	0.209	---	0.271	---	
		Right tilt	L	13.24	15.00	1.500	1.018	---	---	---	---	
			M	13.09	15.00	1.552	1.018	---	---	---	---	
			H	13.95	15.00	1.274	1.018	0.219	---	0.284	---	
		Body-worn	Back	L	16.16	18.00	1.528	1.018	---	---	---	---
				M	16.02	18.00	1.578	1.018	---	---	---	---
				H	16.88	18.00	1.294	1.018	0.0744	---	0.098	---
			Front	L	16.16	18.00	1.528	1.018	---	---	---	---
				M	16.02	18.00	1.578	1.018	---	---	---	---
				H	16.88	18.00	1.294	1.018	0.0639	---	0.084	---
	Hotspot	Back	L	---	---	---	---	---	---	---	---	
			M	---	---	---	---	---	---	---	---	
			H	---	---	---	---	---	---	---	---	
		Front	L	---	---	---	---	---	---	---	---	
			M	---	---	---	---	---	---	---	---	
			H	---	---	---	---	---	---	---	---	
		Top	L	---	---	---	---	---	---	---	---	
			M	---	---	---	---	---	---	---	---	
			H	---	---	---	---	---	---	---	---	
		Bottom	L	---	---	---	---	---	---	---	---	
			M	---	---	---	---	---	---	---	---	
			H	---	---	---	---	---	---	---	---	
		Left	L	---	---	---	---	---	---	---	---	
			M	---	---	---	---	---	---	---	---	
			H	---	---	---	---	---	---	---	---	
		Right	L	---	---	---	---	---	---	---	---	
			M	---	---	---	---	---	---	---	---	
			H	---	---	---	---	---	---	---	---	
	Product specific (10g)	Back	L	16.16	18.00	1.528	1.018	---	---	---	---	
			M	16.02	18.00	1.578	1.018	---	---	---	---	
			H	16.88	18.00	1.294	1.018	0.15	---	0.198	---	
		Front	L	16.16	18.00	1.528	1.018	---	---	---	---	
			M	16.02	18.00	1.578	1.018	---	---	---	---	
			H	16.88	18.00	1.294	1.018	0.231	---	0.304	---	
		Top	L	16.16	18.00	1.528	1.018	---	---	---	---	
			M	16.02	18.00	1.578	1.018	---	---	---	---	
			H	16.88	18.00	1.294	1.018	0.405	---	0.534	---	
		Bottom	L	16.16	18.00	1.528	1.018	---	---	---	---	
			M	16.02	18.00	1.578	1.018	---	---	---	---	
			H	16.88	18.00	1.294	1.018	---	---	---	---	
Left		L	16.16	18.00	1.528	1.018	---	---	---	---		
		M	16.02	18.00	1.578	1.018	---	---	---	---		
		H	16.88	18.00	1.294	1.018	---	---	---	---		
Right		L	16.16	18.00	1.528	1.018	---	---	---	---		
		M	16.02	18.00	1.578	1.018	---	---	---	---		
		H	16.88	18.00	1.294	1.018	0.212	---	0.279	---		

Mode: Wi-Fi 5GHz U-NII-3

Limit of SAR (W/kg): <1.6W/kg (1g Average)

Mode	Exposure condition	Test case		Meas power(dBm)	Tune-up(dBm)	Scaling factor	Duty factor	Meas SAR(w/kg)		Report SAR(w/kg)	
		Position	Channel					First	Second	First	Second
802.11a	Head	Left Cheek	L	13.90	15.00	1.288	1.018	0.368	---	0.483	---
			M	13.87	15.00	1.297	1.018	---	---	---	---
			H	13.54	15.00	1.400	1.018	---	---	---	---
		Left tilt	L	13.90	15.00	1.288	1.018	0.404	---	0.53	---
			M	13.87	15.00	1.297	1.018	---	---	---	---
			H	13.54	15.00	1.400	1.018	---	---	---	---
		Right Cheek	L	13.90	15.00	1.288	1.018	0.232	---	0.304	---
			M	13.87	15.00	1.297	1.018	---	---	---	---
			H	13.54	15.00	1.400	1.018	---	---	---	---
		Right tilt	L	13.90	15.00	1.288	1.018	0.269	---	0.353	---
			M	13.87	15.00	1.297	1.018	---	---	---	---
			H	13.54	15.00	1.400	1.018	---	---	---	---
	Body-worn	Back	L	16.93	18.00	1.279	1.018	0.0907	---	0.118	---
			M	16.82	18.00	1.312	1.018	---	---	---	---
			H	16.47	18.00	1.422	1.018	---	---	---	---
		Front	L	16.93	18.00	1.279	1.018	0.0806	---	0.105	---
			M	16.82	18.00	1.312	1.018	---	---	---	---
			H	16.47	18.00	1.422	1.018	---	---	---	---
	Hotspot	Back	L	16.93	18.00	1.279	1.018	0.0907	---	0.118	---
			M	16.82	18.00	1.312	1.018	---	---	---	---
			H	16.47	18.00	1.422	1.018	---	---	---	---
		Front	L	16.93	18.00	1.279	1.018	0.0806	---	0.105	---
			M	16.82	18.00	1.312	1.018	---	---	---	---
			H	16.47	18.00	1.422	1.018	---	---	---	---
		Top	L	16.93	18.00	1.279	1.018	0.209	---	0.272	---
			M	16.82	18.00	1.312	1.018	---	---	---	---
			H	16.47	18.00	1.422	1.018	---	---	---	---
		Bottom	L	16.93	18.00	1.279	1.018	---	---	---	---
			M	16.82	18.00	1.312	1.018	---	---	---	---
			H	16.47	18.00	1.422	1.018	---	---	---	---
		Left	L	16.93	18.00	1.279	1.018	---	---	---	---
			M	16.82	18.00	1.312	1.018	---	---	---	---
			H	16.47	18.00	1.422	1.018	---	---	---	---
		Right	L	16.93	18.00	1.279	1.018	0.149	---	0.194	---
			M	16.82	18.00	1.312	1.018	---	---	---	---
			H	16.47	18.00	1.422	1.018	---	---	---	---

Mode: Bluetooth

Limit of SAR (W/kg): <1.6W/kg (1g Average)

Test case				Meas power(dBm)	Tune-up(dBm)	Scaling factor	Duty factor	Meas SAR(w/kg)		Report SAR(w/kg)		
Mode	Exposure condition	Position	Channel					First	Second	First	Second	
DH5	Head	Left Cheek	L	11.84	13.00	1.306	1.300	---	---	---	---	
			M	11.89	13.00	1.291	1.300	0.077	---	0.129	---	
			H	11.85	13.00	1.303	1.300	---	---	---	---	
		Left tilt	L	11.84	13.00	1.306	1.300	0.145	---	0.246	---	
			M	11.89	13.00	1.291	1.300	0.119	---	0.2	---	
			H	11.85	13.00	1.303	1.300	0.141	---	0.239	---	
		Right Cheek	L	11.84	13.00	1.306	1.300	---	---	---	---	
			M	11.89	13.00	1.291	1.300	0.027	---	0.046	---	
			H	11.85	13.00	1.303	1.300	---	---	---	---	
		Right tilt	L	11.84	13.00	1.306	1.300	---	---	---	---	
			M	11.89	13.00	1.291	1.300	0.048	---	0.08	---	
			H	11.85	13.00	1.303	1.300	---	---	---	---	
		Body-worn	Back	L	11.84	13.00	1.306	1.300	0.042	---	0.071	---
				M	11.89	13.00	1.291	1.300	0.037	---	0.062	---
				H	11.85	13.00	1.303	1.300	0.044	---	0.075	---
			Front	L	11.84	13.00	1.306	1.300	---	---	---	---
				M	11.89	13.00	1.291	1.300	0.009	---	0.015	---
				H	11.85	13.00	1.303	1.300	---	---	---	---
	Hotspot	Back	L	11.84	13.00	1.306	1.300	0.042	---	0.071	---	
			M	11.89	13.00	1.291	1.300	0.037	---	0.062	---	
			H	11.85	13.00	1.303	1.300	0.044	---	0.075	---	
		Front	L	11.84	13.00	1.306	1.300	---	---	---	---	
			M	11.89	13.00	1.291	1.300	0.009	---	0.015	---	
			H	11.85	13.00	1.303	1.300	---	---	---	---	
		Top	L	11.84	13.00	1.306	1.300	---	---	---	---	
			M	11.89	13.00	1.291	1.300	0.037	---	0.063	---	
			H	11.85	13.00	1.303	1.300	---	---	---	---	
		Bottom	L	11.84	13.00	1.306	1.300	---	---	---	---	
			M	11.89	13.00	1.291	1.300	---	---	---	---	
			H	11.85	13.00	1.303	1.300	---	---	---	---	
		Left	L	11.84	13.00	1.306	1.300	---	---	---	---	
			M	11.89	13.00	1.291	1.300	---	---	---	---	
			H	11.85	13.00	1.303	1.300	---	---	---	---	
		Right	L	11.84	13.00	1.306	1.300	---	---	---	---	
			M	11.89	13.00	1.291	1.300	0.012	---	0.02	---	
			H	11.85	13.00	1.303	1.300	---	---	---	---	

6.11 SAR Measurement Variability

SAR measurement variability must be assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media are required for SAR measurements in a frequency band, the variability measurement procedures should be applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium.

The following procedures are applied to determine if repeated measurements are required.

- 1) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.
- 2) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
- 3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).
- 4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .

6.12 Simultaneous Transmission SAR Analysis

WWAN +WLAN		
1	WWAN + WIFI 2.4G	Y
2	WWAN + WIFI 5G	Y
3	WWAN + BT	Y
4	WWAN + WIFI 5G + BT	Y
WLAN		
1	WIFI 5G + BT	Y

EN-DC SAR:

Head:

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n2		EN_DC Summed SAR
				Ant1		
Band 5	Left Touch	0.141	/	0.421		0.562
	Left Tilt	0.074	/	0.423		0.497
	Right Touch	0.218	/	0.437		0.655
	Right Tilt	0.074	/	0.463		0.537
Band 12	Left Touch	0.097	/	0.421		0.518
	Left Tilt	0.052	/	0.423		0.475
	Right Touch	0.115	/	0.437		0.552
	Right Tilt	0.065	/	0.463		0.528
Band 13	Left Touch	0.079	/	0.421		0.500
	Left Tilt	0.047	/	0.423		0.470
	Right Touch	0.117	/	0.437		0.554
	Right Tilt	0.050	/	0.463		0.513
Band 66	Left Touch	/	0.216	0.421		0.637
	Left Tilt	/	0.097	0.423		0.520
	Right Touch	/	0.095	0.437		0.532
	Right Tilt	/	0.093	0.463		0.556

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n5		EN_DC Summed SAR
				Ant4		
Band 2	Left Touch	/	0.200	0.119		0.319
	Left Tilt	/	0.072	0.075		0.147
	Right Touch	/	0.100	0.180		0.280
	Right Tilt	/	0.082	0.073		0.155
Band 7	Left Touch	0.013	/	0.119		0.132
	Left Tilt	0.012	/	0.075		0.087
	Right Touch	0.018	/	0.180		0.198
	Right Tilt	0.012	/	0.073		0.085
Band 66	Left Touch	/	0.216	0.119		0.335
	Left Tilt	/	0.097	0.075		0.172
	Right Touch	/	0.095	0.180		0.275
	Right Tilt	/	0.093	0.073		0.166

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n7	EN_DC Summed SAR
				Ant1	
Band 2	Left Touch	/	0.200	0.280	0.480
	Left Tilt	/	0.072	0.354	0.426
	Right Touch	/	0.100	0.398	0.498
	Right Tilt	/	0.082	0.539	0.621
Band 5	Left Touch	0.141	/	0.280	0.421
	Left Tilt	0.074	/	0.354	0.428
	Right Touch	0.218	/	0.398	0.616
	Right Tilt	0.074	/	0.539	0.613
Band 12	Left Touch	0.097	/	0.280	0.377
	Left Tilt	0.052	/	0.354	0.406
	Right Touch	0.115	/	0.398	0.513
	Right Tilt	0.065	/	0.539	0.604
Band 13	Left Touch	0.079	/	0.280	0.359
	Left Tilt	0.047	/	0.354	0.401
	Right Touch	0.117	/	0.398	0.515
	Right Tilt	0.050	/	0.539	0.589

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n38	EN_DC Summed SAR
				Ant1	
Band 2	Left Touch	/	0.200	0.338	0.538
	Left Tilt	/	0.072	0.364	0.436
	Right Touch	/	0.100	0.516	0.616
	Right Tilt	/	0.082	0.582	0.664
Band 5	Left Touch	0.141	/	0.338	0.479
	Left Tilt	0.074	/	0.364	0.438
	Right Touch	0.218	/	0.516	0.734
	Right Tilt	0.074	/	0.582	0.656
Band 12	Left Touch	0.097	/	0.338	0.435
	Left Tilt	0.052	/	0.364	0.416
	Right Touch	0.115	/	0.516	0.631
	Right Tilt	0.065	/	0.582	0.647
Band 66	Left Touch	/	0.216	0.338	0.554
	Left Tilt	/	0.097	0.364	0.461
	Right Touch	/	0.095	0.516	0.611
	Right Tilt	/	0.093	0.582	0.675

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n41	EN_DC Summed SAR
				Ant1	
Band 2	Left Touch	/	0.200	0.315	0.515
	Left Tilt	/	0.072	0.349	0.421
	Right Touch	/	0.100	0.458	0.558
	Right Tilt	/	0.082	0.535	0.617
Band 4	Left Touch	/	0.331	0.315	0.646
	Left Tilt	/	0.130	0.349	0.479
	Right Touch	/	0.102	0.458	0.560
	Right Tilt	/	0.100	0.535	0.635
Band 12	Left Touch	0.097	/	0.315	0.412
	Left Tilt	0.052	/	0.349	0.401
	Right Touch	0.115	/	0.458	0.573
	Right Tilt	0.065	/	0.535	0.600
Band 66	Left Touch	/	0.216	0.315	0.531
	Left Tilt	/	0.097	0.349	0.446
	Right Touch	/	0.095	0.458	0.553
	Right Tilt	/	0.093	0.535	0.628

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n66	EN_DC Summed SAR
				Ant1	
Band 2	Left Touch	/	0.200	0.485	0.685
	Left Tilt	/	0.072	0.450	0.522
	Right Touch	/	0.100	0.580	0.680
	Right Tilt	/	0.082	0.532	0.614
Band 5	Left Touch	0.141	/	0.485	0.626
	Left Tilt	0.074	/	0.450	0.524
	Right Touch	0.218	/	0.580	0.798
	Right Tilt	0.074	/	0.532	0.606
Band 7	Left Touch	0.013	/	0.485	0.498
	Left Tilt	0.012	/	0.450	0.462
	Right Touch	0.018	/	0.580	0.598
	Right Tilt	0.012	/	0.532	0.544
Band 12	Left Touch	0.097	/	0.485	0.582
	Left Tilt	0.052	/	0.450	0.502
	Right Touch	0.115	/	0.580	0.695
	Right Tilt	0.065	/	0.532	0.597
Band 13	Left Touch	0.079	/	0.485	0.564
	Left Tilt	0.047	/	0.450	0.497
	Right Touch	0.117	/	0.580	0.697
	Right Tilt	0.050	/	0.532	0.582

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n71	EN_DC Summed SAR
				Ant4	
Band 2	Left Touch	/	0.200	0.105	0.305
	Left Tilt	/	0.072	0.047	0.119
	Right Touch	/	0.100	0.119	0.219
	Right Tilt	/	0.082	0.053	0.135
Band 7	Left Touch	0.013	/	0.105	0.118
	Left Tilt	0.012	/	0.047	0.059
	Right Touch	0.018	/	0.119	0.137
	Right Tilt	0.012	/	0.053	0.065
Band 66	Left Touch	/	0.216	0.105	0.321
	Left Tilt	/	0.097	0.047	0.144
	Right Touch	/	0.095	0.119	0.214
	Right Tilt	/	0.093	0.053	0.146

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n78	EN_DC Summed SAR
				Ant2	
Band 2	Left Touch	/	0.200	0.187	0.387
	Left Tilt	/	0.072	0.116	0.188
	Right Touch	/	0.100	0.047	0.147
	Right Tilt	/	0.082	0.046	0.128
Band 5	Left Touch	0.141	/	0.187	0.328
	Left Tilt	0.074	/	0.116	0.190
	Right Touch	0.218	/	0.047	0.265
	Right Tilt	0.074	/	0.046	0.120
Band 7	Left Touch	0.013	/	0.187	0.200
	Left Tilt	0.012	/	0.116	0.128
	Right Touch	0.018	/	0.047	0.065
	Right Tilt	0.012	/	0.046	0.058
Band 12	Left Touch	0.097	/	0.187	0.284
	Left Tilt	0.052	/	0.116	0.168
	Right Touch	0.109	/	0.047	0.156
	Right Tilt	0.065	/	0.046	0.111
Band 13	Left Touch	0.079	/	0.187	0.266
	Left Tilt	0.047	/	0.116	0.163
	Right Touch	0.117	/	0.047	0.164
	Right Tilt	0.050	/	0.046	0.096
Band 66	Left Touch	/	0.216	0.187	0.403
	Left Tilt	/	0.097	0.116	0.213
	Right Touch	/	0.095	0.047	0.142
	Right Tilt	/	0.093	0.046	0.139

Body-worn:

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n2	EN_DC Summed SAR
				Ant1	
Band 5	Front side	0.192	/	0.461	0.653
	Back side	0.292	/	0.685	0.977
Band 12	Front side	0.098	/	0.461	0.559
	Back side	0.142	/	0.685	0.827
Band 13	Front side	0.137	/	0.461	0.598
	Back side	0.178	/	0.685	0.863
Band 66	Front side	/	0.310	0.461	0.771
	Back side	/	0.347	0.685	1.032

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n5	EN_DC Summed SAR
				Ant4	
Band 2	Front side	/	0.277	0.298	0.575
	Back side	/	0.335	0.358	0.693
Band 7	Front side	0.525	/	0.298	0.823
	Back side	0.604	/	0.358	0.962
Band 66	Front side	/	0.310	0.298	0.608
	Back side	/	0.347	0.358	0.705

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n7	EN_DC Summed SAR
				Ant1	
Band 2	Front side	/	0.277	0.340	0.617
	Back side	/	0.335	0.464	0.799
Band 5	Front side	0.192	/	0.340	0.532
	Back side	0.292	/	0.464	0.756
Band 12	Front side	0.098	/	0.340	0.438
	Back side	0.142	/	0.464	0.606
Band 13	Front side	0.137	/	0.340	0.477
	Back side	0.178	/	0.464	0.642

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n38	EN_DC Summed SAR
				Ant1	
Band 2	Front side	/	0.277	0.112	0.389
	Back side	/	0.335	0.166	0.501
Band 5	Front side	0.192	/	0.112	0.304
	Back side	0.292	/	0.166	0.458
Band 12	Front side	0.098	/	0.112	0.210
	Back side	0.142	/	0.166	0.308
Band 66	Front side	/	0.310	0.112	0.422
	Back side	/	0.347	0.166	0.513

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n41	EN_DC Summed SAR
				Ant1	
Band 2	Front side	/	0.277	0.088	0.365
	Back side	/	0.335	0.129	0.464
Band 4	Front side	/	0.317	0.088	0.405
	Back side	/	0.364	0.129	0.493
Band 12	Front side	0.098	/	0.088	0.186
	Back side	0.142	/	0.129	0.271
Band 66	Front side	/	0.310	0.088	0.398
	Back side	/	0.347	0.129	0.476

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n66	EN_DC Summed SAR
				Ant1	
Band 2	Front side	/	0.277	0.347	0.624
	Back side	/	0.335	0.605	0.940
Band 5	Front side	0.192	/	0.347	0.539
	Back side	0.292	/	0.605	0.897
Band 7	Front side	0.525	/	0.347	0.872
	Back side	0.604	/	0.605	1.209
Band 12	Front side	0.098	/	0.347	0.445
	Back side	0.142	/	0.605	0.747
Band 13	Front side	0.137	/	0.347	0.484
	Back side	0.178	/	0.605	0.783

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n71	EN_DC Summed SAR
				Ant4	
Band 2	Front side	/	0.277	0.131	0.408
	Back side	/	0.335	0.179	0.514
Band 7	Front side	0.525	/	0.131	0.656
	Back side	0.604	/	0.179	0.783
Band 66	Front side	/	0.310	0.131	0.441
	Back side	/	0.347	0.179	0.526

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n78	EN_DC Summed SAR
				Ant2	
Band 2	Front side	/	0.277	0.071	0.348
	Back side	/	0.335	0.218	0.553
Band 5	Front side	0.192	/	0.071	0.263
	Back side	0.292	/	0.218	0.510
Band 7	Front side	0.525	/	0.071	0.596
	Back side	0.604	/	0.218	0.822
Band 12	Front side	0.098	/	0.071	0.169
	Back side	0.142	/	0.218	0.360
Band 13	Front side	0.137	/	0.071	0.208
	Back side	0.178	/	0.218	0.396
Band 66	Front side	/	0.310	0.071	0.381
	Back side	/	0.347	0.218	0.565

Hotspot:

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n2	EN_DC Summed SAR
				Ant1	
Band 5	Front side	0.192	/	0.576	0.768
	Back side	0.292	/	0.790	1.082
	Left side	0.052	/	0.222	0.274
	Right side	0.099	/	0.066	0.165
	Top side	0.000	/	0.463	0.463
	Bottom side	0.157	/	0.000	0.157
Band 12	Front side	0.098	/	0.576	0.674
	Back side	0.142	/	0.790	0.932
	Left side	0.086	/	0.222	0.308
	Right side	0.135	/	0.066	0.201
	Top side	0.000	/	0.463	0.463
	Bottom side	0.092	/	0.000	0.092
Band 13	Front side	0.137	/	0.576	0.713
	Back side	0.178	/	0.790	0.968
	Left side	0.080	/	0.222	0.302
	Right side	0.120	/	0.066	0.186
	Top side	0.000	/	0.463	0.463
	Bottom side	0.122	/	0.000	0.122
Band 66	Front side	/	0.310	0.576	0.886
	Back side	/	0.347	0.790	1.137
	Left side	/	0.329	0.222	0.551
	Right side	/	0.000	0.066	0.066
	Top side	/	0.000	0.463	0.463
	Bottom side	/	0.198	0.000	0.198

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n5	EN_DC Summed SAR
				Ant4	
Band 2	Front side	/	0.277	0.298	0.575
	Back side	/	0.265	0.358	0.623
	Left side	/	0.285	0.047	0.332
	Right side	/	0.000	0.142	0.142
	Top side	/	0.000	0.000	0.000
	Bottom side	/	0.220	0.219	0.439
Band 7	Front side	0.198	/	0.298	0.496
	Back side	0.274	/	0.358	0.632
	Left side	0.014	/	0.047	0.061
	Right side	0.048	/	0.142	0.190
	Top side	0.000	/	0.000	0.000
	Bottom side	0.627	/	0.219	0.846
Band 66	Front side	/	0.310	0.298	0.608
	Back side	/	0.347	0.358	0.705
	Left side	/	0.329	0.047	0.376
	Right side	/	0.000	0.142	0.142
	Top side	/	0.000	0.000	0.000
	Bottom side	/	0.198	0.219	0.417

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n7	EN_DC Summed SAR
				Ant1	
Band 2	Front side	/	0.277	0.180	0.457
	Back side	/	0.265	0.276	0.541
	Left side	/	0.285	0.059	0.344
	Right side	/	0.000	0.035	0.035
	Top side	/	0.000	0.433	0.433
	Bottom side	/	0.220	0.000	0.220
Band 5	Front side	0.192	/	0.180	0.372
	Back side	0.292	/	0.276	0.568
	Left side	0.052	/	0.059	0.111
	Right side	0.099	/	0.035	0.134
	Top side	0.000	/	0.433	0.433
	Bottom side	0.157	/	0.000	0.157
Band 12	Front side	0.098	/	0.180	0.278
	Back side	0.142	/	0.276	0.418
	Left side	0.086	/	0.059	0.145
	Right side	0.135	/	0.035	0.170
	Top side	0.000	/	0.433	0.433
	Bottom side	0.092	/	0.000	0.092
Band 13	Front side	0.137	/	0.180	0.317
	Back side	0.178	/	0.276	0.454
	Left side	0.080	/	0.059	0.139
	Right side	0.120	/	0.035	0.155
	Top side	0.000	/	0.433	0.433
	Bottom side	0.122	/	0.000	0.122

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n38	EN_DC Summed SAR
				Ant1	
Band 2	Front side	/	0.277	0.112	0.389
	Back side	/	0.265	0.139	0.404
	Left side	/	0.285	0.025	0.310
	Right side	/	0.000	0.004	0.004
	Top side	/	0.000	0.325	0.325
	Bottom side	/	0.220	0.000	0.220
Band 5	Front side	0.192	/	0.112	0.304
	Back side	0.292	/	0.139	0.431
	Left side	0.052	/	0.025	0.077
	Right side	0.099	/	0.004	0.103
	Top side	0.000	/	0.325	0.325
	Bottom side	0.157	/	0.000	0.157
Band 12	Front side	0.098	/	0.112	0.210
	Back side	0.142	/	0.139	0.281
	Left side	0.086	/	0.025	0.111
	Right side	0.135	/	0.004	0.139
	Top side	0.000	/	0.325	0.325
	Bottom side	0.092	/	0.000	0.092
Band 66	Front side	/	0.310	0.112	0.422
	Back side	/	0.347	0.139	0.486
	Left side	/	0.329	0.025	0.354
	Right side	/	0.000	0.004	0.004
	Top side	/	0.000	0.325	0.325
	Bottom side	/	0.198	0.000	0.198

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n41	EN_DC Summed SAR
				Ant1	
Band 2	Front side	/	0.277	0.088	0.365
	Back side	/	0.265	0.106	0.371
	Left side	/	0.285	0.017	0.302
	Right side	/	0.000	0.004	0.004
	Top side	/	0.000	0.278	0.278
	Bottom side	/	0.220	0.000	0.220
Band 4	Front side	/	0.317	0.088	0.405
	Back side	/	0.364	0.106	0.470
	Left side	/	0.350	0.017	0.367
	Right side	/	0.000	0.004	0.004
	Top side	/	0.000	0.278	0.278
	Bottom side	/	0.223	0.000	0.223
Band 12	Front side	0.098	/	0.088	0.186
	Back side	0.142	/	0.106	0.248
	Left side	0.086	/	0.017	0.103
	Right side	0.135	/	0.004	0.139
	Top side	0.000	/	0.278	0.278
	Bottom side	0.092	/	0.000	0.092
Band 66	Front side	/	0.310	0.088	0.398
	Back side	/	0.347	0.106	0.453
	Left side	/	0.329	0.017	0.346
	Right side	/	0.000	0.004	0.004
	Top side	/	0.000	0.278	0.278
	Bottom side	/	0.198	0.000	0.198

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n66	EN_DC Summed SAR
				Ant1	
Band 2	Front side	/	0.277	0.377	0.654
	Back side	/	0.265	0.827	1.092
	Left side	/	0.285	0.213	0.498
	Right side	/	0.000	0.043	0.043
	Top side	/	0.000	0.403	0.403
	Bottom side	/	0.220	0.000	0.220
Band 5	Front side	0.192	/	0.377	0.569
	Back side	0.292	/	0.827	1.119
	Left side	0.052	/	0.213	0.265
	Right side	0.099	/	0.043	0.142
	Top side	0.000	/	0.403	0.403
	Bottom side	0.157	/	0.000	0.157
Band 7	Front side	0.198	/	0.377	0.575
	Back side	0.274	/	0.827	1.101
	Left side	0.014	/	0.213	0.227
	Right side	0.048	/	0.043	0.091
	Top side	0.000	/	0.403	0.403
	Bottom side	0.627	/	0.000	0.627
Band 12	Front side	0.098	/	0.377	0.475
	Back side	0.142	/	0.827	0.969
	Left side	0.086	/	0.213	0.299
	Right side	0.135	/	0.043	0.178
	Top side	0.000	/	0.403	0.403
	Bottom side	0.092	/	0.000	0.092
Band 13	Front side	0.137	/	0.377	0.514
	Back side	0.178	/	0.827	1.005
	Left side	0.080	/	0.213	0.293
	Right side	0.120	/	0.043	0.163
	Top side	0.000	/	0.403	0.403
	Bottom side	0.122	/	0.000	0.122

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n71	EN_DC Summed SAR
				Ant4	
Band 2	Front side	/	0.277	0.130	0.407
	Back side	/	0.265	0.164	0.429
	Left side	/	0.285	0.130	0.415
	Right side	/	0.000	0.207	0.207
	Top side	/	0.000	0.000	0.000
	Bottom side	/	0.220	0.114	0.334
Band 7	Front side	0.198	/	0.130	0.328
	Back side	0.274	/	0.164	0.438
	Left side	0.014	/	0.130	0.144
	Right side	0.048	/	0.207	0.255
	Top side	0.000	/	0.000	0.000
	Bottom side	0.627	/	0.114	0.741
Band 66	Front side	/	0.310	0.130	0.440
	Back side	/	0.347	0.164	0.511
	Left side	/	0.329	0.130	0.459
	Right side	/	0.000	0.207	0.207
	Top side	/	0.000	0.000	0.000
	Bottom side	/	0.198	0.114	0.312

LTE Band (EN_DC)	Exposure position	Ant4	Ant5	n78	EN_DC Summed SAR
				Ant2	
Band 2	Front side	/	0.277	0.071	0.348
	Back side	/	0.265	0.218	0.483
	Left side	/	0.285	0.000	0.285
	Right side	/	0.000	0.331	0.331
	Top side	/	0.000	0.047	0.047
	Bottom side	/	0.220	0.000	0.220
Band 5	Front side	0.192	/	0.071	0.263
	Back side	0.292	/	0.218	0.510
	Left side	0.052	/	0.000	0.052
	Right side	0.099	/	0.331	0.430
	Top side	0.000	/	0.047	0.047
	Bottom side	0.157	/	0.000	0.157
Band 7	Front side	0.198	/	0.071	0.269
	Back side	0.274	/	0.218	0.492
	Left side	0.014	/	0.000	0.014
	Right side	0.048	/	0.331	0.379
	Top side	0.000	/	0.047	0.047
	Bottom side	0.627	/	0.000	0.627
Band 12	Front side	0.098	/	0.071	0.169
	Back side	0.142	/	0.218	0.360
	Left side	0.086	/	0.000	0.086
	Right side	0.135	/	0.331	0.466
	Top side	0.000	/	0.047	0.047
	Bottom side	0.092	/	0.000	0.092
Band 13	Front side	0.137	/	0.071	0.208
	Back side	0.178	/	0.218	0.396
	Left side	0.080	/	0.000	0.080
	Right side	0.120	/	0.331	0.451
	Top side	0.000	/	0.047	0.047
	Bottom side	0.122	/	0.000	0.122
Band 66	Front side	/	0.310	0.071	0.381
	Back side	/	0.347	0.218	0.565
	Left side	/	0.329	0.000	0.329
	Right side	/	0.000	0.331	0.331
	Top side	/	0.000	0.047	0.047
	Bottom side	/	0.198	0.000	0.198

Simultaneous Transmission SAR Summation Scenario:

Head:

Band	Exposure position	SARmax (W/kg)				Summed SAR	Summed SAR	Summed SAR	Summed SAR
		1	2	3	4				
		Ant1	WiFi 2.4G	WiFi 5G	BT				
GSM1900	Left Touch	0.443	0.234	0.568	0.129	0.677	1.011	0.572	1.140
	Left Tilt	0.526	0.376	0.651	0.246	0.902	1.177	0.772	1.423
	Right Touch	0.487	0.146	0.379	0.046	0.633	0.866	0.533	0.912
	Right Tilt	0.551	0.118	0.479	0.080	0.669	1.030	0.631	1.110
WCAMA Band II	Left Touch	0.498	0.234	0.568	0.129	0.732	1.066	0.627	1.195
	Left Tilt	0.499	0.376	0.651	0.246	0.875	1.150	0.745	1.396
	Right Touch	0.506	0.146	0.379	0.046	0.652	0.885	0.552	0.931
	Right Tilt	0.735	0.118	0.479	0.080	0.853	1.214	0.815	1.294
WCAMA Band IV	Left Touch	0.272	0.234	0.568	0.129	0.506	0.840	0.401	0.969
	Left Tilt	0.268	0.376	0.651	0.246	0.644	0.919	0.514	1.165
	Right Touch	0.466	0.146	0.379	0.046	0.612	0.845	0.512	0.891
	Right Tilt	0.259	0.118	0.479	0.080	0.377	0.738	0.339	0.818
LTE Band 38	Left Touch	0.403	0.234	0.568	0.129	0.637	0.971	0.532	1.100
	Left Tilt	0.472	0.376	0.651	0.246	0.848	1.123	0.718	1.369
	Right Touch	0.676	0.146	0.379	0.046	0.822	1.055	0.722	1.101
	Right Tilt	0.786	0.118	0.479	0.080	0.904	1.265	0.866	1.345
LTE Band 41	Left Touch	0.332	0.234	0.568	0.129	0.566	0.900	0.461	1.029
	Left Tilt	0.396	0.376	0.651	0.246	0.772	1.047	0.642	1.293
	Right Touch	0.454	0.146	0.379	0.046	0.600	0.833	0.500	0.879
	Right Tilt	0.617	0.118	0.479	0.080	0.735	1.096	0.697	1.176
N2	Left Touch	0.421	0.234	0.568	0.129	0.655	0.989	0.550	1.118
	Left Tilt	0.423	0.376	0.651	0.246	0.799	1.074	0.669	1.320
	Right Touch	0.437	0.146	0.379	0.046	0.583	0.816	0.483	0.862
	Right Tilt	0.463	0.118	0.479	0.080	0.581	0.942	0.543	1.022
N7	Left Touch	0.280	0.234	0.568	0.129	0.514	0.848	0.409	0.977
	Left Tilt	0.354	0.376	0.651	0.246	0.730	1.005	0.600	1.251
	Right Touch	0.398	0.146	0.379	0.046	0.544	0.777	0.444	0.823
	Right Tilt	0.539	0.118	0.479	0.080	0.657	1.018	0.619	1.098
N38	Left Touch	0.338	0.234	0.568	0.129	0.572	0.906	0.467	1.035
	Left Tilt	0.364	0.376	0.651	0.246	0.740	1.015	0.610	1.261
	Right Touch	0.516	0.146	0.379	0.046	0.662	0.895	0.562	0.941
	Right Tilt	0.582	0.118	0.479	0.080	0.700	1.061	0.662	1.141
N41	Left Touch	0.315	0.234	0.568	0.129	0.549	0.883	0.444	1.012
	Left Tilt	0.349	0.376	0.651	0.246	0.725	1.000	0.595	1.246
	Right Touch	0.458	0.146	0.379	0.046	0.604	0.837	0.504	0.883
	Right Tilt	0.535	0.118	0.479	0.080	0.653	1.014	0.615	1.094
N66	Left Touch	0.485	0.234	0.568	0.129	0.719	1.053	0.614	1.182
	Left Tilt	0.450	0.376	0.651	0.246	0.826	1.101	0.696	1.347
	Right Touch	0.580	0.146	0.379	0.046	0.726	0.959	0.626	1.005
	Right Tilt	0.532	0.118	0.479	0.080	0.650	1.011	0.612	1.091

Band	Exposure position	SARmax (W/kg)				Summed SAR	Summed SAR	Summed SAR	Summed SAR
		1	2	3	4				
		Ant2	WiFi 2.4G	WiFi 5G	BT				
N78	Left Touch	0.187	0.234	0.568	0.129	0.421	0.755	0.316	0.884
	Left Tilt	0.116	0.376	0.651	0.246	0.492	0.767	0.362	1.013
	Right Touch	0.047	0.146	0.379	0.046	0.193	0.426	0.093	0.472
	Right Tilt	0.046	0.118	0.479	0.080	0.164	0.525	0.126	0.605

Band	Exposure position	SARmax (W/kg)				Summed SAR	Summed SAR	Summed SAR	Summed SAR
		1	2	3	4				
		Ant4	WiFi 2.4G	WiFi 5G	BT				
GSM850	Left Touch	0.137	0.234	0.568	0.129	0.371	0.705	0.266	0.834
	Left Tilt	0.067	0.376	0.651	0.246	0.443	0.718	0.313	0.964
	Right Touch	0.205	0.146	0.379	0.046	0.351	0.584	0.251	0.630
	Right Tilt	0.077	0.118	0.479	0.080	0.195	0.556	0.157	0.636
WCAMA Band V	Left Touch	0.139	0.234	0.568	0.129	0.373	0.707	0.268	0.836
	Left Tilt	0.072	0.376	0.651	0.246	0.448	0.723	0.318	0.969
	Right Touch	0.197	0.146	0.379	0.046	0.343	0.576	0.243	0.622
	Right Tilt	0.097	0.118	0.479	0.080	0.215	0.576	0.177	0.656
LTE Band 5	Left Touch	0.141	0.234	0.568	0.129	0.375	0.709	0.270	0.838
	Left Tilt	0.074	0.376	0.651	0.246	0.450	0.725	0.320	0.971
	Right Touch	0.218	0.146	0.379	0.046	0.364	0.597	0.264	0.643
	Right Tilt	0.074	0.118	0.479	0.080	0.192	0.553	0.154	0.633
LTE Band 7	Left Touch	0.013	0.234	0.568	0.129	0.247	0.581	0.142	0.710
	Left Tilt	0.012	0.376	0.651	0.246	0.388	0.663	0.258	0.909
	Right Touch	0.018	0.146	0.379	0.046	0.164	0.397	0.064	0.443
	Right Tilt	0.012	0.118	0.479	0.080	0.130	0.491	0.092	0.571
LTE Band 12	Left Touch	0.097	0.234	0.568	0.129	0.331	0.665	0.226	0.794
	Left Tilt	0.052	0.376	0.651	0.246	0.428	0.703	0.298	0.949
	Right Touch	0.115	0.146	0.379	0.046	0.261	0.494	0.161	0.540
	Right Tilt	0.065	0.118	0.479	0.080	0.183	0.544	0.145	0.624
LTE Band 13	Left Touch	0.079	0.234	0.568	0.129	0.313	0.647	0.208	0.776
	Left Tilt	0.047	0.376	0.651	0.246	0.423	0.698	0.293	0.944
	Right Touch	0.117	0.146	0.379	0.046	0.263	0.496	0.163	0.542
	Right Tilt	0.050	0.118	0.479	0.080	0.168	0.529	0.130	0.609
LTE Band 17	Left Touch	0.120	0.234	0.568	0.129	0.354	0.688	0.249	0.817
	Left Tilt	0.053	0.376	0.651	0.246	0.429	0.704	0.299	0.950
	Right Touch	0.161	0.146	0.379	0.046	0.307	0.540	0.207	0.586
	Right Tilt	0.051	0.118	0.479	0.080	0.169	0.530	0.131	0.610
LTE Band 26	Left Touch	0.072	0.234	0.568	0.129	0.306	0.640	0.201	0.769
	Left Tilt	0.052	0.376	0.651	0.246	0.428	0.703	0.298	0.949
	Right Touch	0.126	0.146	0.379	0.046	0.272	0.505	0.172	0.551
	Right Tilt	0.054	0.118	0.479	0.080	0.172	0.533	0.134	0.613
N5	Left Touch	0.119	0.234	0.568	0.129	0.353	0.687	0.248	0.816
	Left Tilt	0.075	0.376	0.651	0.246	0.451	0.726	0.321	0.972
	Right Touch	0.180	0.146	0.379	0.046	0.326	0.559	0.226	0.605
	Right Tilt	0.073	0.118	0.479	0.080	0.191	0.552	0.153	0.632
N71	Left Touch	0.105	0.234	0.568	0.129	0.339	0.673	0.234	0.802
	Left Tilt	0.047	0.376	0.651	0.246	0.423	0.698	0.293	0.944
	Right Touch	0.119	0.146	0.379	0.046	0.265	0.498	0.165	0.544
	Right Tilt	0.053	0.118	0.479	0.080	0.171	0.532	0.133	0.612

Band	Exposure position	SARmax (W/kg)				Summed SAR	Summed SAR	Summed SAR	Summed SAR
		1	2	3	4				
		Ant5	WiFi 2.4G	WiFi 5G	BT				
LTE Band 2	Left Touch	0.200	0.234	0.568	0.129	0.434	0.768	0.329	0.897
	Left Tilt	0.072	0.376	0.651	0.246	0.448	0.723	0.318	0.969
	Right Touch	0.100	0.146	0.379	0.046	0.246	0.479	0.146	0.525
	Right Tilt	0.082	0.118	0.479	0.080	0.200	0.561	0.162	0.641
LTE Band 4	Left Touch	0.331	0.234	0.568	0.129	0.565	0.899	0.460	1.028
	Left Tilt	0.130	0.376	0.651	0.246	0.506	0.781	0.376	1.027
	Right Touch	0.102	0.146	0.379	0.046	0.248	0.481	0.148	0.527
	Right Tilt	0.100	0.118	0.479	0.080	0.218	0.579	0.180	0.659
LTE Band 25	Left Touch	0.225	0.234	0.568	0.129	0.459	0.793	0.354	0.922
	Left Tilt	0.075	0.376	0.651	0.246	0.451	0.726	0.321	0.972
	Right Touch	0.101	0.146	0.379	0.046	0.247	0.480	0.147	0.526
	Right Tilt	0.083	0.118	0.479	0.080	0.201	0.562	0.163	0.642
LTE Band 66	Left Touch	0.342	0.234	0.568	0.129	0.576	0.910	0.471	1.039
	Left Tilt	0.151	0.376	0.651	0.246	0.527	0.802	0.397	1.048
	Right Touch	0.150	0.146	0.379	0.046	0.296	0.529	0.196	0.575
	Right Tilt	0.146	0.118	0.479	0.080	0.264	0.625	0.226	0.705

Band	Exposure position	SARmax (W/kg)				Summed SAR	Summed SAR	Summed SAR	Summed SAR
		1	2	3	4				
		ENDC	WiFi 2.4G	WiFi 5G	BT				
DC_5A_n2A	Left Touch	0.562	0.234	0.568	0.129	0.796	1.130	0.691	1.259
	Left Tilt	0.497	0.376	0.651	0.246	0.873	1.148	0.743	1.394
	Right Touch	0.655	0.146	0.379	0.046	0.801	1.034	0.701	1.080
	Right Tilt	0.537	0.118	0.479	0.080	0.655	1.016	0.617	1.096
DC_12A_n2A	Left Touch	0.518	0.234	0.568	0.129	0.752	1.086	0.647	1.215
	Left Tilt	0.475	0.376	0.651	0.246	0.851	1.126	0.721	1.372
	Right Touch	0.552	0.146	0.379	0.046	0.698	0.931	0.598	0.977
	Right Tilt	0.528	0.118	0.479	0.080	0.646	1.007	0.608	1.087
DC_13A_n2A	Left Touch	0.500	0.234	0.568	0.129	0.734	1.068	0.629	1.197
	Left Tilt	0.470	0.376	0.651	0.246	0.846	1.121	0.716	1.367
	Right Touch	0.554	0.146	0.379	0.046	0.700	0.933	0.600	0.979
	Right Tilt	0.513	0.118	0.479	0.080	0.631	0.992	0.593	1.072
DC_66A_n2A	Left Touch	0.637	0.234	0.568	0.129	0.871	1.205	0.766	1.334
	Left Tilt	0.520	0.376	0.651	0.246	0.896	1.171	0.766	1.417
	Right Touch	0.532	0.146	0.379	0.046	0.678	0.911	0.578	0.957
	Right Tilt	0.556	0.118	0.479	0.080	0.674	1.035	0.636	1.115
DC_2A_n5A	Left Touch	0.319	0.234	0.568	0.129	0.553	0.887	0.448	1.016
	Left Tilt	0.147	0.376	0.651	0.246	0.523	0.798	0.393	1.044
	Right Touch	0.280	0.146	0.379	0.046	0.426	0.659	0.326	0.705
	Right Tilt	0.155	0.118	0.479	0.080	0.273	0.634	0.235	0.714
DC_7A_n5A	Left Touch	0.132	0.234	0.568	0.129	0.366	0.700	0.261	0.829
	Left Tilt	0.087	0.376	0.651	0.246	0.463	0.738	0.333	0.984
	Right Touch	0.198	0.146	0.379	0.046	0.344	0.577	0.244	0.623
	Right Tilt	0.085	0.118	0.479	0.080	0.203	0.564	0.165	0.644
DC_66A_n5A	Left Touch	0.335	0.234	0.568	0.129	0.569	0.903	0.464	1.032
	Left Tilt	0.172	0.376	0.651	0.246	0.548	0.823	0.418	1.069
	Right Touch	0.275	0.146	0.379	0.046	0.421	0.654	0.321	0.700
	Right Tilt	0.166	0.118	0.479	0.080	0.284	0.645	0.246	0.725
DC_2A_n7A	Left Touch	0.480	0.234	0.568	0.129	0.714	1.048	0.609	1.177
	Left Tilt	0.426	0.376	0.651	0.246	0.802	1.077	0.672	1.323
	Right Touch	0.498	0.146	0.379	0.046	0.644	0.877	0.544	0.923
	Right Tilt	0.621	0.118	0.479	0.080	0.739	1.100	0.701	1.180
DC_5A_n7A	Left Touch	0.421	0.234	0.568	0.129	0.655	0.989	0.550	1.118

	Left Tilt	0.428	0.376	0.651	0.246	0.804	1.079	0.674	1.325
	Right Touch	0.616	0.146	0.379	0.046	0.762	0.995	0.662	1.041
	Right Tilt	0.613	0.118	0.479	0.080	0.731	1.092	0.693	1.172
DC_12A_n7A	Left Touch	0.377	0.234	0.568	0.129	0.611	0.945	0.506	1.074
	Left Tilt	0.406	0.376	0.651	0.246	0.782	1.057	0.652	1.303
	Right Touch	0.513	0.146	0.379	0.046	0.659	0.892	0.559	0.938
DC_13A_n7A	Right Tilt	0.604	0.118	0.479	0.080	0.722	1.083	0.684	1.163
	Left Touch	0.359	0.234	0.568	0.129	0.593	0.927	0.488	1.056
	Left Tilt	0.401	0.376	0.651	0.246	0.777	1.052	0.647	1.298
DC_2A_n38A	Right Touch	0.515	0.146	0.379	0.046	0.661	0.894	0.561	0.940
	Right Tilt	0.589	0.118	0.479	0.080	0.707	1.068	0.669	1.148
	Left Touch	0.538	0.234	0.568	0.129	0.772	1.106	0.667	1.235
DC_5A_n38A	Left Tilt	0.436	0.376	0.651	0.246	0.812	1.087	0.682	1.333
	Right Touch	0.616	0.146	0.379	0.046	0.762	0.995	0.662	1.041
	Right Tilt	0.664	0.118	0.479	0.080	0.782	1.143	0.744	1.223
DC_12A_n38A	Left Touch	0.479	0.234	0.568	0.129	0.713	1.047	0.608	1.176
	Left Tilt	0.438	0.376	0.651	0.246	0.814	1.089	0.684	1.335
	Right Touch	0.734	0.146	0.379	0.046	0.880	1.113	0.780	1.159
DC_66A_n38A	Right Tilt	0.656	0.118	0.479	0.080	0.774	1.135	0.736	1.215
	Left Touch	0.435	0.234	0.568	0.129	0.669	1.003	0.564	1.132
	Left Tilt	0.416	0.376	0.651	0.246	0.792	1.067	0.662	1.313
DC_2A_n41A	Right Touch	0.631	0.146	0.379	0.046	0.777	1.010	0.677	1.056
	Right Tilt	0.647	0.118	0.479	0.080	0.765	1.126	0.727	1.206
	Left Touch	0.554	0.234	0.568	0.129	0.788	1.122	0.683	1.251
DC_4A_n41A	Left Tilt	0.461	0.376	0.651	0.246	0.837	1.112	0.707	1.358
	Right Touch	0.611	0.146	0.379	0.046	0.757	0.990	0.657	1.036
	Right Tilt	0.675	0.118	0.479	0.080	0.793	1.154	0.755	1.234
DC_12A_n41A	Left Touch	0.515	0.234	0.568	0.129	0.749	1.083	0.644	1.212
	Left Tilt	0.421	0.376	0.651	0.246	0.797	1.072	0.667	1.318
	Right Touch	0.558	0.146	0.379	0.046	0.704	0.937	0.604	0.983
DC_6A_n41A	Right Tilt	0.617	0.118	0.479	0.080	0.735	1.096	0.697	1.176
	Left Touch	0.646	0.234	0.568	0.129	0.880	1.214	0.775	1.343
	Left Tilt	0.479	0.376	0.651	0.246	0.855	1.130	0.725	1.376
DC_12A_n41A	Right Touch	0.560	0.146	0.379	0.046	0.706	0.939	0.606	0.985
	Right Tilt	0.635	0.118	0.479	0.080	0.753	1.114	0.715	1.194
	Left Touch	0.412	0.234	0.568	0.129	0.646	0.980	0.541	1.109
DC_66A_n41A	Left Tilt	0.401	0.376	0.651	0.246	0.777	1.052	0.647	1.298
	Right Touch	0.573	0.146	0.379	0.046	0.719	0.952	0.619	0.998
	Right Tilt	0.600	0.118	0.479	0.080	0.718	1.079	0.680	1.159
DC_2A_n66A	Left Touch	0.531	0.234	0.568	0.129	0.765	1.099	0.660	1.228
	Left Tilt	0.446	0.376	0.651	0.246	0.822	1.097	0.692	1.343
	Right Touch	0.553	0.146	0.379	0.046	0.699	0.932	0.599	0.978
DC_5A_n66A	Right Tilt	0.628	0.118	0.479	0.080	0.746	1.107	0.708	1.187
	Left Touch	0.685	0.234	0.568	0.129	0.919	1.253	0.814	1.382
	Left Tilt	0.522	0.376	0.651	0.246	0.898	1.173	0.768	1.419
DC_7A_n66A	Right Touch	0.680	0.146	0.379	0.046	0.826	1.059	0.726	1.105
	Right Tilt	0.614	0.118	0.479	0.080	0.732	1.093	0.694	1.173
	Left Touch	0.626	0.234	0.568	0.129	0.860	1.194	0.755	1.323
DC_12A_n66A	Left Tilt	0.524	0.376	0.651	0.246	0.900	1.175	0.770	1.421
	Right Touch	0.798	0.146	0.379	0.046	0.944	1.177	0.844	1.223
	Right Tilt	0.606	0.118	0.479	0.080	0.724	1.085	0.686	1.165
DC_12A_n66A	Left Touch	0.498	0.234	0.568	0.129	0.732	1.066	0.627	1.195
	Left Tilt	0.462	0.376	0.651	0.246	0.838	1.113	0.708	1.359
	Right Touch	0.598	0.146	0.379	0.046	0.744	0.977	0.644	1.023
DC_12A_n66A	Right Tilt	0.544	0.118	0.479	0.080	0.662	1.023	0.624	1.103
	Left Touch	0.582	0.234	0.568	0.129	0.816	1.150	0.711	1.279
	Left Tilt	0.502	0.376	0.651	0.246	0.878	1.153	0.748	1.399
	Right Touch	0.695	0.146	0.379	0.046	0.841	1.074	0.741	1.120

	Right Tilt	0.597	0.118	0.479	0.080	0.715	1.076	0.677	1.156
DC_13A_n66A	Left Touch	0.564	0.234	0.568	0.129	0.798	1.132	0.693	1.261
	Left Tilt	0.497	0.376	0.651	0.246	0.873	1.148	0.743	1.394
	Right Touch	0.697	0.146	0.379	0.046	0.843	1.076	0.743	1.122
	Right Tilt	0.582	0.118	0.479	0.080	0.700	1.061	0.662	1.141
DC_2A_n71A	Left Touch	0.305	0.234	0.568	0.129	0.539	0.873	0.434	1.002
	Left Tilt	0.119	0.376	0.651	0.246	0.495	0.770	0.365	1.016
	Right Touch	0.219	0.146	0.379	0.046	0.365	0.598	0.265	0.644
	Right Tilt	0.135	0.118	0.479	0.080	0.253	0.614	0.215	0.694
DC_7A_n71A	Left Touch	0.118	0.234	0.568	0.129	0.352	0.686	0.247	0.815
	Left Tilt	0.059	0.376	0.651	0.246	0.435	0.710	0.305	0.956
	Right Touch	0.137	0.146	0.379	0.046	0.283	0.516	0.183	0.562
	Right Tilt	0.065	0.118	0.479	0.080	0.183	0.544	0.145	0.624
DC_66A_n71A	Left Touch	0.321	0.234	0.568	0.129	0.555	0.889	0.450	1.018
	Left Tilt	0.144	0.376	0.651	0.246	0.520	0.795	0.390	1.041
	Right Touch	0.214	0.146	0.379	0.046	0.360	0.593	0.260	0.639
	Right Tilt	0.146	0.118	0.479	0.080	0.264	0.625	0.226	0.705
DC_2A_n78A	Left Touch	0.387	0.234	0.568	0.129	0.621	0.955	0.516	1.084
	Left Tilt	0.188	0.376	0.651	0.246	0.564	0.839	0.434	1.085
	Right Touch	0.147	0.146	0.379	0.046	0.293	0.526	0.193	0.572
	Right Tilt	0.128	0.118	0.479	0.080	0.246	0.607	0.208	0.687
DC_5A_n78A	Left Touch	0.328	0.234	0.568	0.129	0.562	0.896	0.457	1.025
	Left Tilt	0.190	0.376	0.651	0.246	0.566	0.841	0.436	1.087
	Right Touch	0.265	0.146	0.379	0.046	0.411	0.644	0.311	0.690
	Right Tilt	0.120	0.118	0.479	0.080	0.238	0.599	0.200	0.679
DC_7A_n78A	Left Touch	0.200	0.234	0.568	0.129	0.434	0.768	0.329	0.897
	Left Tilt	0.128	0.376	0.651	0.246	0.504	0.779	0.374	1.025
	Right Touch	0.065	0.146	0.379	0.046	0.211	0.444	0.111	0.490
	Right Tilt	0.058	0.118	0.479	0.080	0.176	0.537	0.138	0.617
DC_12A_n78A	Left Touch	0.284	0.234	0.568	0.129	0.518	0.852	0.413	0.981
	Left Tilt	0.168	0.376	0.651	0.246	0.544	0.819	0.414	1.065
	Right Touch	0.156	0.146	0.379	0.046	0.302	0.535	0.202	0.581
	Right Tilt	0.111	0.118	0.479	0.080	0.229	0.590	0.191	0.670
DC_13A_n78A	Left Touch	0.266	0.234	0.568	0.129	0.500	0.834	0.395	0.963
	Left Tilt	0.163	0.376	0.651	0.246	0.539	0.814	0.409	1.060
	Right Touch	0.164	0.146	0.379	0.046	0.310	0.543	0.210	0.589
	Right Tilt	0.096	0.118	0.479	0.080	0.214	0.575	0.176	0.655
DC_66A_n78A	Left Touch	0.403	0.234	0.568	0.129	0.637	0.971	0.532	1.100
	Left Tilt	0.213	0.376	0.651	0.246	0.589	0.864	0.459	1.110
	Right Touch	0.142	0.146	0.379	0.046	0.288	0.521	0.188	0.567
	Right Tilt	0.139	0.118	0.479	0.080	0.257	0.618	0.219	0.698

Body-worn:

Band	Exposure position	SARmax (W/kg)				Summed SAR	Summed SAR	Summed SAR	Summed SAR
		1	2	3	4				
		Ant1	WiFi 2.4G	WiFi 5G	BT				
GSM1900	Front side	0.493	0.125	0.211	0.015	0.618	0.704	0.508	0.719
	Back side	0.692	0.231	0.144	0.075	0.923	0.836	0.767	0.911
WCAMA Band II	Front side	0.641	0.125	0.211	0.015	0.766	0.852	0.656	0.867
	Back side	0.903	0.231	0.144	0.075	1.134	1.047	0.978	1.122
WCAMA Band IV	Front side	0.429	0.125	0.211	0.015	0.554	0.640	0.444	0.655
	Back side	0.863	0.231	0.144	0.075	1.094	1.007	0.938	1.082
LTE Band 38	Front side	0.262	0.125	0.211	0.015	0.387	0.473	0.277	0.488
	Back side	0.455	0.231	0.144	0.075	0.686	0.599	0.530	0.674
LTE Band 41	Front side	0.256	0.125	0.211	0.015	0.381	0.467	0.271	0.482
	Back side	0.360	0.231	0.144	0.075	0.591	0.504	0.435	0.579
N2	Front side	0.725	0.125	0.211	0.015	0.850	0.936	0.740	0.951
	Back side	0.937	0.231	0.144	0.075	1.168	1.081	1.012	1.156
N7	Front side	0.340	0.125	0.211	0.015	0.465	0.551	0.355	0.566
	Back side	0.464	0.231	0.144	0.075	0.695	0.608	0.539	0.683
N38	Front side	0.112	0.125	0.211	0.015	0.237	0.323	0.127	0.338
	Back side	0.166	0.231	0.144	0.075	0.397	0.310	0.241	0.385
N41	Front side	0.088	0.125	0.211	0.015	0.213	0.299	0.103	0.314
	Back side	0.129	0.231	0.144	0.075	0.360	0.273	0.204	0.348
N66	Front side	0.475	0.125	0.211	0.015	0.600	0.686	0.490	0.701
	Back side	0.952	0.231	0.144	0.075	1.183	1.096	1.027	1.171

Band	Exposure position	SARmax (W/kg)				Summed SAR	Summed SAR	Summed SAR	Summed SAR
		1	2	3	4				
		Ant2	WiFi 2.4G	WiFi 5G	BT				
N78	Front side	0.071	0.125	0.211	0.015	0.196	0.282	0.086	0.297
	Back side	0.218	0.231	0.144	0.075	0.449	0.362	0.293	0.437

Band	Exposure position	SARmax (W/kg)				Summed SAR	Summed SAR	Summed SAR	Summed SAR
		1	2	3	4				
		Ant4	WiFi 2.4G	WiFi 5G	BT				
GSM850	Front side	0.315	0.125	0.211	0.015	0.440	0.526	0.330	0.541
	Back side	0.421	0.231	0.144	0.075	0.652	0.565	0.496	0.640
WCAMA Band V	Front side	0.263	0.125	0.211	0.015	0.388	0.474	0.278	0.489
	Back side	0.403	0.231	0.144	0.075	0.634	0.547	0.478	0.622
LTE Band 5	Front side	0.297	0.125	0.211	0.015	0.422	0.508	0.312	0.523
	Back side	0.431	0.231	0.144	0.075	0.662	0.575	0.506	0.650
LTE Band 7	Front side	0.764	0.125	0.211	0.015	0.889	0.975	0.779	0.990
	Back side	0.957	0.231	0.144	0.075	1.188	1.101	1.032	1.176
LTE Band 12	Front side	0.146	0.125	0.211	0.015	0.271	0.357	0.161	0.372
	Back side	0.222	0.231	0.144	0.075	0.453	0.366	0.297	0.441
LTE Band 13	Front side	0.211	0.125	0.211	0.015	0.336	0.422	0.226	0.437
	Back side	0.275	0.231	0.144	0.075	0.506	0.419	0.350	0.494
LTE Band 17	Front side	0.148	0.125	0.211	0.015	0.273	0.359	0.163	0.374
	Back side	0.204	0.231	0.144	0.075	0.435	0.348	0.279	0.423
LTE Band 26	Front side	0.305	0.125	0.211	0.015	0.430	0.516	0.320	0.531
	Back side	0.419	0.231	0.144	0.075	0.650	0.563	0.494	0.638
N5	Front side	0.298	0.125	0.211	0.015	0.423	0.509	0.313	0.524
	Back side	0.358	0.231	0.144	0.075	0.589	0.502	0.433	0.577
N71	Front side	0.131	0.125	0.211	0.015	0.256	0.342	0.146	0.357
	Back side	0.179	0.231	0.144	0.075	0.410	0.323	0.254	0.398

Band	Exposure position	SARmax (W/kg)				Summed SAR	Summed SAR	Summed SAR	Summed SAR
		1	2	3	4				
		Ant5	WiFi 2.4G	WiFi 5G	BT				
LTE Band 2	Front side	0.358	0.125	0.211	0.015	0.483	0.569	0.373	0.584
	Back side	0.532	0.231	0.144	0.075	0.763	0.676	0.607	0.751
LTE Band 4	Front side	0.502	0.125	0.211	0.015	0.627	0.713	0.517	0.728
	Back side	0.577	0.231	0.144	0.075	0.808	0.721	0.652	0.796
LTE Band 25	Front side	0.361	0.125	0.211	0.015	0.486	0.572	0.376	0.587
	Back side	0.545	0.231	0.144	0.075	0.776	0.689	0.620	0.764
LTE Band 66	Front side	0.471	0.125	0.211	0.015	0.596	0.682	0.486	0.697
	Back side	0.548	0.231	0.144	0.075	0.779	0.692	0.623	0.767

Band	Exposure position	SARmax (W/kg)				Summed SAR	Summed SAR	Summed SAR	Summed SAR
		1	2	3	4				
		ENDC	WiFi 2.4G	WiFi 5G	BT				
DC_5A_n2A	Front side	0.653	0.125	0.211	0.015	0.778	0.864	0.668	0.879
	Back side	0.977	0.231	0.144	0.075	1.208	1.121	1.052	1.196
DC_12A_n2A	Front side	0.559	0.125	0.211	0.015	0.684	0.770	0.574	0.785
	Back side	0.827	0.231	0.144	0.075	1.058	0.971	0.902	1.046
DC_13A_n2A	Front side	0.598	0.125	0.211	0.015	0.723	0.809	0.613	0.824
	Back side	0.863	0.231	0.144	0.075	1.094	1.007	0.938	1.082
DC_66A_n2A	Front side	0.771	0.125	0.211	0.015	0.896	0.982	0.786	0.997
	Back side	1.032	0.231	0.144	0.075	1.263	1.176	1.107	1.251
DC_2A_n5A	Front side	0.575	0.125	0.211	0.015	0.700	0.786	0.590	0.801
	Back side	0.693	0.231	0.144	0.075	0.924	0.837	0.768	0.912
DC_7A_n5A	Front side	0.823	0.125	0.211	0.015	0.948	1.034	0.838	1.049
	Back side	0.962	0.231	0.144	0.075	1.193	1.106	1.037	1.181
DC_66A_n5A	Front side	0.608	0.125	0.211	0.015	0.733	0.819	0.623	0.834
	Back side	0.705	0.231	0.144	0.075	0.936	0.849	0.780	0.924
DC_2A_n7A	Front side	0.617	0.125	0.211	0.015	0.742	0.828	0.632	0.843
	Back side	0.799	0.231	0.144	0.075	1.030	0.943	0.874	1.018
DC_5A_n7A	Front side	0.532	0.125	0.211	0.015	0.657	0.743	0.547	0.758
	Back side	0.756	0.231	0.144	0.075	0.987	0.900	0.831	0.975
DC_12A_n7A	Front side	0.438	0.125	0.211	0.015	0.563	0.649	0.453	0.664
	Back side	0.606	0.231	0.144	0.075	0.837	0.750	0.681	0.825
DC_13A_n7A	Front side	0.477	0.125	0.211	0.015	0.602	0.688	0.492	0.703
	Back side	0.642	0.231	0.144	0.075	0.873	0.786	0.717	0.861
DC_2A_n38A	Front side	0.389	0.125	0.211	0.015	0.514	0.600	0.404	0.615
	Back side	0.501	0.231	0.144	0.075	0.732	0.645	0.576	0.720
DC_5A_n38A	Front side	0.304	0.125	0.211	0.015	0.429	0.515	0.319	0.530
	Back side	0.458	0.231	0.144	0.075	0.689	0.602	0.533	0.677
DC_12A_n38A	Front side	0.210	0.125	0.211	0.015	0.335	0.421	0.225	0.436
	Back side	0.308	0.231	0.144	0.075	0.539	0.452	0.383	0.527
DC_66A_n38A	Front side	0.422	0.125	0.211	0.015	0.547	0.633	0.437	0.648
	Back side	0.513	0.231	0.144	0.075	0.744	0.657	0.588	0.732
DC_2A_n41A	Front side	0.365	0.125	0.211	0.015	0.490	0.576	0.380	0.591
	Back side	0.464	0.231	0.144	0.075	0.695	0.608	0.539	0.683
DC_4A_n41A	Front side	0.405	0.125	0.211	0.015	0.530	0.616	0.420	0.631
	Back side	0.493	0.231	0.144	0.075	0.724	0.637	0.568	0.712
DC_12A_n41A	Front side	0.186	0.125	0.211	0.015	0.311	0.397	0.201	0.412
	Back side	0.271	0.231	0.144	0.075	0.502	0.415	0.346	0.490
DC_66A_n41A	Front side	0.398	0.125	0.211	0.015	0.523	0.609	0.413	0.624
	Back side	0.476	0.231	0.144	0.075	0.707	0.620	0.551	0.695
DC_2A_n66A	Front side	0.624	0.125	0.211	0.015	0.749	0.835	0.639	0.850
	Back side	0.940	0.231	0.144	0.075	1.171	1.084	1.015	1.159
DC_5A_n66A	Front side	0.539	0.125	0.211	0.015	0.664	0.750	0.554	0.765

DC_7A_n66A	Back side	0.897	0.231	0.144	0.075	1.128	1.041	0.972	1.116
	Front side	0.872	0.125	0.211	0.015	0.997	1.083	0.887	1.098
DC_12A_n66A	Back side	1.209	0.231	0.144	0.075	1.440	1.353	1.284	1.428
	Front side	0.445	0.125	0.211	0.015	0.570	0.656	0.460	0.671
DC_13A_n66A	Back side	0.747	0.231	0.144	0.075	0.978	0.891	0.822	0.966
	Front side	0.484	0.125	0.211	0.015	0.609	0.695	0.499	0.710
DC_2A_n71A	Back side	0.783	0.231	0.144	0.075	1.014	0.927	0.858	1.002
	Front side	0.408	0.125	0.211	0.015	0.533	0.619	0.423	0.634
DC_7A_n71A	Back side	0.514	0.231	0.144	0.075	0.745	0.658	0.589	0.733
	Front side	0.656	0.125	0.211	0.015	0.781	0.867	0.671	0.882
DC_66A_n71A	Back side	0.783	0.231	0.144	0.075	1.014	0.927	0.858	1.002
	Front side	0.441	0.125	0.211	0.015	0.566	0.652	0.456	0.667
DC_2A_n78A	Back side	0.526	0.231	0.144	0.075	0.757	0.670	0.601	0.745
	Front side	0.348	0.125	0.211	0.015	0.473	0.559	0.363	0.574
DC_5A_n78A	Back side	0.553	0.231	0.144	0.075	0.784	0.697	0.628	0.772
	Front side	0.263	0.125	0.211	0.015	0.388	0.474	0.278	0.489
DC_7A_n78A	Back side	0.510	0.231	0.144	0.075	0.741	0.654	0.585	0.729
	Front side	0.596	0.125	0.211	0.015	0.721	0.807	0.611	0.822
DC_12A_n78A	Back side	0.822	0.231	0.144	0.075	1.053	0.966	0.897	1.041
	Front side	0.169	0.125	0.211	0.015	0.294	0.380	0.184	0.395
DC_13A_n78A	Back side	0.360	0.231	0.144	0.075	0.591	0.504	0.435	0.579
	Front side	0.208	0.125	0.211	0.015	0.333	0.419	0.223	0.434
DC_66A_n78A	Back side	0.396	0.231	0.144	0.075	0.627	0.540	0.471	0.615
	Front side	0.381	0.125	0.211	0.015	0.506	0.592	0.396	0.607
DC_66A_n78A	Back side	0.565	0.231	0.144	0.075	0.796	0.709	0.640	0.784

Hotspot:

Band	Exposure position	SARmax (W/kg)				Summed SAR	Summed SAR	Summed SAR	Summed SAR
		1	2	3	4				
		Ant1	WiFi 2.4G	WiFi 5G	BT	1+2	1+3	1+4	1+3+4
GSM1900	Front side	0.671	0.125	0.198	0.015	0.796	0.869	0.686	0.884
	Back side	0.937	0.231	0.118	0.075	1.168	1.055	1.012	1.130
	Left side	0.355	/	/	/	0.355	0.355	0.355	0.355
	Right side	0.119	0.083	0.199	0.020	0.202	0.318	0.139	0.338
	Top side	0.718	0.368	0.366	0.063	1.086	1.084	0.781	1.147
	Bottom side	/	/	/	/	/	/	/	/
WCAMA Band II	Front side	0.644	0.125	0.198	0.015	0.769	0.842	0.659	0.857
	Back side	0.903	0.231	0.118	0.075	1.134	1.021	0.978	1.096
	Left side	0.266	/	/	/	0.266	0.266	0.266	0.266
	Right side	0.104	0.083	0.199	0.020	0.187	0.303	0.124	0.323
	Top side	0.741	0.368	0.366	0.063	1.109	1.107	0.804	1.170
	Bottom side	/	/	/	/	/	/	/	/
WCAMA Band IV	Front side	0.429	0.125	0.198	0.015	0.554	0.627	0.444	0.642
	Back side	0.863	0.231	0.118	0.075	1.094	0.981	0.938	1.056
	Left side	0.253	/	/	/	0.253	0.253	0.253	0.253
	Right side	0.020	0.083	0.199	0.020	0.103	0.219	0.040	0.239
	Top side	0.451	0.368	0.366	0.063	0.819	0.817	0.514	0.880
	Bottom side	/	/	/	/	/	/	/	/
LTE Band 38	Front side	0.262	0.125	0.198	0.015	0.387	0.460	0.277	0.475
	Back side	0.429	0.231	0.118	0.075	0.660	0.547	0.504	0.622
	Left side	0.074	/	/	/	0.074	0.074	0.074	0.074
	Right side	0.044	0.083	0.199	0.020	0.127	0.243	0.064	0.263
	Top side	0.712	0.368	0.366	0.063	1.080	1.078	0.775	1.141
	Bottom side	/	/	/	/	/	/	/	/
LTE Band 41	Front side	0.256	0.125	0.198	0.015	0.381	0.454	0.271	0.469
	Back side	0.337	0.231	0.118	0.075	0.568	0.455	0.412	0.530
	Left side	0.058	/	/	/	0.058	0.058	0.058	0.058
	Right side	0.039	0.083	0.199	0.020	0.122	0.238	0.059	0.258
	Top side	0.545	0.368	0.366	0.063	0.913	0.911	0.608	0.974
	Bottom side	/	/	/	/	/	/	/	/
N2	Front side	0.725	0.125	0.198	0.015	0.850	0.923	0.740	0.938
	Back side	0.937	0.231	0.118	0.075	1.168	1.055	1.012	1.130
	Left side	0.279	/	/	/	0.279	0.279	0.279	0.279
	Right side	0.084	0.083	0.199	0.020	0.167	0.283	0.104	0.303
	Top side	0.583	0.368	0.366	0.063	0.951	0.949	0.646	1.012
	Bottom side	/	/	/	/	/	/	/	/
N7	Front side	0.180	0.125	0.198	0.015	0.305	0.378	0.195	0.393
	Back side	0.276	0.231	0.118	0.075	0.507	0.394	0.351	0.469
	Left side	0.059	/	/	/	0.059	0.059	0.059	0.059
	Right side	0.035	0.083	0.199	0.020	0.118	0.234	0.055	0.254
	Top side	0.433	0.368	0.366	0.063	0.801	0.799	0.496	0.862
	Bottom side	/	/	/	/	/	/	/	/
N38	Front side	0.112	0.125	0.198	0.015	0.237	0.310	0.127	0.325
	Back side	0.139	0.231	0.118	0.075	0.370	0.257	0.214	0.332
	Left side	0.025	/	/	/	0.025	0.025	0.025	0.025
	Right side	0.004	0.083	0.199	0.020	0.087	0.203	0.024	0.223
	Top side	0.325	0.368	0.366	0.063	0.693	0.691	0.388	0.754
	Bottom side	/	/	/	/	/	/	/	/
N41	Front side	0.088	0.125	0.198	0.015	0.213	0.286	0.103	0.301
	Back side	0.106	0.231	0.118	0.075	0.337	0.224	0.181	0.299
	Left side	0.017	/	/	/	0.017	0.017	0.017	0.017
	Right side	0.004	0.083	0.199	0.020	0.087	0.203	0.024	0.223
	Top side	0.278	0.368	0.366	0.063	0.646	0.644	0.341	0.707
	Bottom side	/	/	/	/	/	/	/	/
N66	Front side	0.475	0.125	0.198	0.015	0.600	0.673	0.490	0.688
	Back side	0.952	0.231	0.118	0.075	1.183	1.070	1.027	1.145
	Left side	0.268	/	/	/	0.268	0.268	0.268	0.268
	Right side	0.054	0.083	0.199	0.020	0.137	0.253	0.074	0.273
	Top side	0.507	0.368	0.366	0.063	0.875	0.873	0.570	0.936
	Bottom side	/	/	/	/	/	/	/	/

Band	Exposure position	SARmax (W/kg)				Summed SAR	Summed SAR	Summed SAR	Summed SAR
		1	2	3	4				
		Ant2	WiFi 2.4G	WiFi 5G	BT				
N78	Front side	0.071	0.125	0.198	0.015	0.196	0.269	0.086	0.284
	Back side	0.218	0.231	0.118	0.075	0.449	0.336	0.293	0.411
	Left side	/	/	/	/	/	/	/	/
	Right side	0.331	0.083	0.199	0.020	0.414	0.530	0.351	0.550
	Top side	0.047	0.368	0.366	0.063	0.415	0.413	0.110	0.476
	Bottom side	/	/	/	/	/	/	/	/

Band	Exposure position	SARmax (W/kg)				Summed SAR	Summed SAR	Summed SAR	Summed SAR
		1	2	3	4				
		Ant4	WiFi 2.4G	WiFi 5G	BT				
GSM850	Front side	0.474	0.125	0.198	0.015	0.599	0.672	0.489	0.687
	Back side	0.629	0.231	0.118	0.075	0.860	0.747	0.704	0.822
	Left side	0.106	/	/	/	0.106	0.106	0.106	0.106
	Right side	0.274	0.083	0.199	0.020	0.357	0.473	0.294	0.493
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
	Bottom side	0.295	/	/	/	0.295	0.295	0.295	0.295
WCAMA Band V	Front side	0.263	0.125	0.198	0.015	0.388	0.461	0.278	0.476
	Back side	0.403	0.231	0.118	0.075	0.634	0.521	0.478	0.596
	Left side	0.035	/	/	/	0.035	0.035	0.035	0.035
	Right side	0.194	0.083	0.199	0.020	0.277	0.393	0.214	0.413
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
	Bottom side	0.238	/	/	/	0.238	0.238	0.238	0.238
LTE Band 5	Front side	0.297	0.125	0.198	0.015	0.422	0.495	0.312	0.510
	Back side	0.431	0.231	0.118	0.075	0.662	0.549	0.506	0.624
	Left side	0.083	/	/	/	0.083	0.083	0.083	0.083
	Right side	0.152	0.083	0.199	0.020	0.235	0.351	0.172	0.371
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
	Bottom side	0.220	/	/	/	0.220	0.220	0.220	0.220
LTE Band 7	Front side	0.381	0.125	0.198	0.015	0.506	0.579	0.396	0.594
	Back side	0.546	0.231	0.118	0.075	0.777	0.664	0.621	0.739
	Left side	0.028	/	/	/	0.028	0.028	0.028	0.028
	Right side	0.093	0.083	0.199	0.020	0.176	0.292	0.113	0.312
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
	Bottom side	1.252	/	/	/	1.252	1.252	1.252	1.252
LTE Band 12	Front side	0.146	0.125	0.198	0.015	0.271	0.344	0.161	0.359
	Back side	0.222	0.231	0.118	0.075	0.453	0.340	0.297	0.415
	Left side	0.119	/	/	/	0.119	0.119	0.119	0.119
	Right side	0.200	0.083	0.199	0.020	0.283	0.399	0.220	0.419
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
	Bottom side	0.141	/	/	/	0.141	0.141	0.141	0.141
LTE Band 13	Front side	0.211	0.125	0.198	0.015	0.336	0.409	0.226	0.424
	Back side	0.275	0.231	0.118	0.075	0.506	0.393	0.350	0.468
	Left side	0.122	/	/	/	0.122	0.122	0.122	0.122
	Right side	0.187	0.083	0.199	0.020	0.270	0.386	0.207	0.406
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
	Bottom side	0.160	/	/	/	0.160	0.160	0.160	0.160
LTE Band 17	Front side	0.148	0.125	0.198	0.015	0.273	0.346	0.163	0.361
	Back side	0.204	0.231	0.118	0.075	0.435	0.322	0.279	0.397
	Left side	0.121	/	/	/	0.121	0.121	0.121	0.121
	Right side	0.192	0.083	0.199	0.020	0.275	0.391	0.212	0.411
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
	Bottom side	0.120	/	/	/	0.120	0.120	0.120	0.120
LTE	Front side	0.305	0.125	0.198	0.015	0.430	0.503	0.320	0.518

Band 26	Back side	0.419	0.231	0.118	0.075	0.650	0.537	0.494	0.612
	Left side	0.077	/	/	/	0.077	0.077	0.077	0.077
	Right side	0.140	0.083	0.199	0.020	0.223	0.339	0.160	0.359
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
	Bottom side	0.214	/	/	/	0.214	0.214	0.214	0.214
N5	Front side	0.298	0.125	0.198	0.015	0.423	0.496	0.313	0.511
	Back side	0.358	0.231	0.118	0.075	0.589	0.476	0.433	0.551
	Left side	0.047	/	/	/	0.047	0.047	0.047	0.047
	Right side	0.142	0.083	0.199	0.020	0.225	0.341	0.162	0.361
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
N71	Bottom side	0.219	/	/	/	0.219	0.219	0.219	0.219
	Front side	0.130	0.125	0.198	0.015	0.255	0.328	0.145	0.343
	Back side	0.164	0.231	0.118	0.075	0.395	0.282	0.239	0.357
	Left side	0.130	/	/	/	0.130	0.130	0.130	0.130
	Right side	0.207	0.083	0.199	0.020	0.290	0.406	0.227	0.426
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
	Bottom side	0.114	/	/	/	0.114	0.114	0.114	0.114

Band	Exposure position	SARmax (W/kg)				Summed SAR	Summed SAR	Summed SAR	Summed SAR
		1	2	3	4				
		Ant5	WiFi 2.4G	WiFi 5G	BT	1+2	1+3	1+4	1+3+4
LTE Band 2	Front side	0.358	0.125	0.198	0.015	0.483	0.556	0.373	0.571
	Back side	0.383	0.231	0.118	0.075	0.614	0.501	0.458	0.576
	Left side	0.435	/	/	/	0.435	0.435	0.435	0.435
	Right side	/	0.083	0.199	0.020	0.083	0.199	0.020	0.219
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
	Bottom side	0.348	/	/	/	0.348	0.348	0.348	0.348
LTE Band 4	Front side	0.502	0.125	0.198	0.015	0.627	0.700	0.517	0.715
	Back side	0.577	0.231	0.118	0.075	0.808	0.695	0.652	0.770
	Left side	0.542	/	/	/	0.542	0.542	0.542	0.542
	Right side	/	0.083	0.199	0.020	0.083	0.199	0.020	0.219
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
	Bottom side	0.339	/	/	/	0.339	0.339	0.339	0.339
LTE Band 25	Front side	0.361	0.125	0.198	0.015	0.486	0.559	0.376	0.574
	Back side	0.545	0.231	0.118	0.075	0.776	0.663	0.620	0.738
	Left side	0.494	/	/	/	0.494	0.494	0.494	0.494
	Right side	/	0.083	0.199	0.020	0.083	0.199	0.020	0.219
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
	Bottom side	0.283	/	/	/	0.283	0.283	0.283	0.283
LTE Band 66	Front side	0.471	0.125	0.198	0.015	0.596	0.669	0.486	0.684
	Back side	0.511	0.231	0.118	0.075	0.742	0.629	0.586	0.704
	Left side	0.522	/	/	/	0.522	0.522	0.522	0.522
	Right side	/	0.083	0.199	0.020	0.083	0.199	0.020	0.219
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
	Bottom side	0.313	/	/	/	0.313	0.313	0.313	0.313

Band	Exposure position	SARmax (W/kg)				Summed SAR	Summed SAR	Summed SAR	Summed SAR
		1	2	3	4				
		ENDC	WiFi 2.4G	WiFi 5G	BT				
DC_5A_n2A	Front side	0.768	0.125	0.198	0.015	0.893	0.966	0.783	0.981
	Back side	1.082	0.231	0.118	0.075	1.313	1.200	1.157	1.275
	Left side	0.274	/	/	/	0.274	0.274	0.274	0.274
	Right side	0.165	0.083	0.199	0.020	0.248	0.364	0.185	0.384
	Top side	0.463	0.368	0.366	0.063	0.831	0.829	0.526	0.892
	Bottom side	0.157	/	/	/	0.157	0.157	0.157	0.157
DC_12A_n2A	Front side	0.674	0.125	0.198	0.015	0.799	0.872	0.689	0.887
	Back side	0.932	0.231	0.118	0.075	1.163	1.050	1.007	1.125
	Left side	0.308	/	/	/	0.308	0.308	0.308	0.308
	Right side	0.201	0.083	0.199	0.020	0.284	0.400	0.221	0.420
	Top side	0.463	0.368	0.366	0.063	0.831	0.829	0.526	0.892
	Bottom side	0.092	/	/	/	0.092	0.092	0.092	0.092
DC_13A_n2A	Front side	0.713	0.125	0.198	0.015	0.838	0.911	0.728	0.926
	Back side	0.968	0.231	0.118	0.075	1.199	1.086	1.043	1.161
	Left side	0.302	/	/	/	0.302	0.302	0.302	0.302
	Right side	0.186	0.083	0.199	0.020	0.269	0.385	0.206	0.405
	Top side	0.463	0.368	0.366	0.063	0.831	0.829	0.526	0.892
	Bottom side	0.122	/	/	/	0.122	0.122	0.122	0.122
DC_66A_n2A	Front side	0.886	0.125	0.198	0.015	1.011	1.084	0.901	1.099
	Back side	1.137	0.231	0.118	0.075	1.368	1.255	1.212	1.330
	Left side	0.551	/	/	/	0.551	0.551	0.551	0.551
	Right side	0.066	0.083	0.199	0.020	0.149	0.265	0.086	0.285
	Top side	0.463	0.368	0.366	0.063	0.831	0.829	0.526	0.892
	Bottom side	0.198	/	/	/	0.198	0.198	0.198	0.198
DC_2A_n5A	Front side	0.575	0.125	0.198	0.015	0.700	0.773	0.590	0.788
	Back side	0.623	0.231	0.118	0.075	0.854	0.741	0.698	0.816
	Left side	0.332	/	/	/	0.332	0.332	0.332	0.332
	Right side	0.142	0.083	0.199	0.020	0.225	0.341	0.162	0.361
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
	Bottom side	0.439	/	/	/	0.439	0.439	0.439	0.439
DC_7A_n5A	Front side	0.496	0.125	0.198	0.015	0.621	0.694	0.511	0.709
	Back side	0.632	0.231	0.118	0.075	0.863	0.750	0.707	0.825
	Left side	0.061	/	/	/	0.061	0.061	0.061	0.061
	Right side	0.190	0.083	0.199	0.020	0.273	0.389	0.210	0.409
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
	Bottom side	0.846	/	/	/	0.846	0.846	0.846	0.846
DC_66A_n5A	Front side	0.608	0.125	0.198	0.015	0.733	0.806	0.623	0.821
	Back side	0.705	0.231	0.118	0.075	0.936	0.823	0.780	0.898
	Left side	0.376	/	/	/	0.376	0.376	0.376	0.376
	Right side	0.142	0.083	0.199	0.020	0.225	0.341	0.162	0.361
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
	Bottom side	0.417	/	/	/	0.417	0.417	0.417	0.417
DC_2A_n7A	Front side	0.457	0.125	0.198	0.015	0.582	0.655	0.472	0.670
	Back side	0.541	0.231	0.118	0.075	0.772	0.659	0.616	0.734
	Left side	0.344	/	/	/	0.344	0.344	0.344	0.344
	Right side	0.035	0.083	0.199	0.020	0.118	0.234	0.055	0.254
	Top side	0.433	0.368	0.366	0.063	0.801	0.799	0.496	0.862
	Bottom side	0.220	/	/	/	0.220	0.220	0.220	0.220
DC_5A_n7A	Front side	0.372	0.125	0.198	0.015	0.497	0.570	0.387	0.585
	Back side	0.568	0.231	0.118	0.075	0.799	0.686	0.643	0.761
	Left side	0.111	/	/	/	0.111	0.111	0.111	0.111
	Right side	0.134	0.083	0.199	0.020	0.217	0.333	0.154	0.353
	Top side	0.433	0.368	0.366	0.063	0.801	0.799	0.496	0.862

	Bottom side	0.157	/	/	/	0.157	0.157	0.157	0.157
DC_12A_n7A	Front side	0.278	0.125	0.198	0.015	0.403	0.476	0.293	0.491
	Back side	0.418	0.231	0.118	0.075	0.649	0.536	0.493	0.611
	Left side	0.145	/	/	/	0.145	0.145	0.145	0.145
	Right side	0.170	0.083	0.199	0.020	0.253	0.369	0.190	0.389
	Top side	0.433	0.368	0.366	0.063	0.801	0.799	0.496	0.862
	Bottom side	0.092	/	/	/	0.092	0.092	0.092	0.092
DC_13A_n7A	Front side	0.317	0.125	0.198	0.015	0.442	0.515	0.332	0.530
	Back side	0.454	0.231	0.118	0.075	0.685	0.572	0.529	0.647
	Left side	0.139	/	/	/	0.139	0.139	0.139	0.139
	Right side	0.155	0.083	0.199	0.020	0.238	0.354	0.175	0.374
	Top side	0.433	0.368	0.366	0.063	0.801	0.799	0.496	0.862
	Bottom side	0.122	/	/	/	0.122	0.122	0.122	0.122
DC_2A_n38A	Front side	0.389	0.125	0.198	0.015	0.514	0.587	0.404	0.602
	Back side	0.404	0.231	0.118	0.075	0.635	0.522	0.479	0.597
	Left side	0.310	/	/	/	0.310	0.310	0.310	0.310
	Right side	0.004	0.083	0.199	0.020	0.087	0.203	0.024	0.223
	Top side	0.325	0.368	0.366	0.063	0.693	0.691	0.388	0.754
	Bottom side	0.220	/	/	/	0.220	0.220	0.220	0.220
DC_5A_n38A	Front side	0.304	0.125	0.198	0.015	0.429	0.502	0.319	0.517
	Back side	0.431	0.231	0.118	0.075	0.662	0.549	0.506	0.624
	Left side	0.077	/	/	/	0.077	0.077	0.077	0.077
	Right side	0.103	0.083	0.199	0.020	0.186	0.302	0.123	0.322
	Top side	0.325	0.368	0.366	0.063	0.693	0.691	0.388	0.754
	Bottom side	0.157	/	/	/	0.157	0.157	0.157	0.157
DC_12A_n38A	Front side	0.210	0.125	0.198	0.015	0.335	0.408	0.225	0.423
	Back side	0.281	0.231	0.118	0.075	0.512	0.399	0.356	0.474
	Left side	0.111	/	/	/	0.111	0.111	0.111	0.111
	Right side	0.139	0.083	0.199	0.020	0.222	0.338	0.159	0.358
	Top side	0.325	0.368	0.366	0.063	0.693	0.691	0.388	0.754
	Bottom side	0.092	/	/	/	0.092	0.092	0.092	0.092
DC_66A_n38A	Front side	0.422	0.125	0.198	0.015	0.547	0.620	0.437	0.635
	Back side	0.486	0.231	0.118	0.075	0.717	0.604	0.561	0.679
	Left side	0.354	/	/	/	0.354	0.354	0.354	0.354
	Right side	0.004	0.083	0.199	0.020	0.087	0.203	0.024	0.223
	Top side	0.325	0.368	0.366	0.063	0.693	0.691	0.388	0.754
	Bottom side	0.198	/	/	/	0.198	0.198	0.198	0.198
DC_2A_n41A	Front side	0.365	0.125	0.198	0.015	0.490	0.563	0.380	0.578
	Back side	0.371	0.231	0.118	0.075	0.602	0.489	0.446	0.564
	Left side	0.302	/	/	/	0.302	0.302	0.302	0.302
	Right side	0.004	0.083	0.199	0.020	0.087	0.203	0.024	0.223
	Top side	0.278	0.368	0.366	0.063	0.646	0.644	0.341	0.707
	Bottom side	0.220	/	/	/	0.220	0.220	0.220	0.220
DC_4A_n41A	Front side	0.405	0.125	0.198	0.015	0.530	0.603	0.420	0.618
	Back side	0.470	0.231	0.118	0.075	0.701	0.588	0.545	0.663
	Left side	0.367	/	/	/	0.367	0.367	0.367	0.367
	Right side	0.004	0.083	0.199	0.020	0.087	0.203	0.024	0.223
	Top side	0.278	0.368	0.366	0.063	0.646	0.644	0.341	0.707
	Bottom side	0.223	/	/	/	0.223	0.223	0.223	0.223
DC_12A_n41A	Front side	0.186	0.125	0.198	0.015	0.311	0.384	0.201	0.399
	Back side	0.248	0.231	0.118	0.075	0.479	0.366	0.323	0.441
	Left side	0.103	/	/	/	0.103	0.103	0.103	0.103
	Right side	0.139	0.083	0.199	0.020	0.222	0.338	0.159	0.358
	Top side	0.278	0.368	0.366	0.063	0.646	0.644	0.341	0.707
	Bottom side	0.092	/	/	/	0.092	0.092	0.092	0.092
DC_66A_n41A	Front side	0.398	0.125	0.198	0.015	0.523	0.596	0.413	0.611
	Back side	0.453	0.231	0.118	0.075	0.684	0.571	0.528	0.646
	Left side	0.346	/	/	/	0.346	0.346	0.346	0.346

	Right side	0.004	0.083	0.199	0.020	0.087	0.203	0.024	0.223
	Top side	0.278	0.368	0.366	0.063	0.646	0.644	0.341	0.707
	Bottom side	0.198	/	/	/	0.198	0.198	0.198	0.198
DC_2A_n66A	Front side	0.654	0.125	0.198	0.015	0.779	0.852	0.669	0.867
	Back side	1.092	0.231	0.118	0.075	1.323	1.210	1.167	1.285
	Left side	0.498	/	/	/	0.498	0.498	0.498	0.498
	Right side	0.043	0.083	0.199	0.020	0.126	0.242	0.063	0.262
	Top side	0.403	0.368	0.366	0.063	0.771	0.769	0.466	0.832
	Bottom side	0.220	/	/	/	0.220	0.220	0.220	0.220
DC_5A_n66A	Front side	0.569	0.125	0.198	0.015	0.694	0.767	0.584	0.782
	Back side	1.119	0.231	0.118	0.075	1.350	1.237	1.194	1.312
	Left side	0.265	/	/	/	0.265	0.265	0.265	0.265
	Right side	0.142	0.083	0.199	0.020	0.225	0.341	0.162	0.361
	Top side	0.403	0.368	0.366	0.063	0.771	0.769	0.466	0.832
	Bottom side	0.157	/	/	/	0.157	0.157	0.157	0.157
DC_7A_n66A	Front side	0.575	0.125	0.198	0.015	0.700	0.773	0.590	0.788
	Back side	1.101	0.231	0.118	0.075	1.332	1.219	1.176	1.294
	Left side	0.227	/	/	/	0.227	0.227	0.227	0.227
	Right side	0.091	0.083	0.199	0.020	0.174	0.290	0.111	0.310
	Top side	0.403	0.368	0.366	0.063	0.771	0.769	0.466	0.832
	Bottom side	0.627	/	/	/	0.627	0.627	0.627	0.627
DC_12A_n66A	Front side	0.475	0.125	0.198	0.015	0.600	0.673	0.490	0.688
	Back side	0.969	0.231	0.118	0.075	1.200	1.087	1.044	1.162
	Left side	0.299	/	/	/	0.299	0.299	0.299	0.299
	Right side	0.178	0.083	0.199	0.020	0.261	0.377	0.198	0.397
	Top side	0.403	0.368	0.366	0.063	0.771	0.769	0.466	0.832
	Bottom side	0.092	/	/	/	0.092	0.092	0.092	0.092
DC_13A_n66A	Front side	0.514	0.125	0.198	0.015	0.639	0.712	0.529	0.727
	Back side	1.005	0.231	0.118	0.075	1.236	1.123	1.080	1.198
	Left side	0.293	/	/	/	0.293	0.293	0.293	0.293
	Right side	0.163	0.083	0.199	0.020	0.246	0.362	0.183	0.382
	Top side	0.403	0.368	0.366	0.063	0.771	0.769	0.466	0.832
	Bottom side	0.122	/	/	/	0.122	0.122	0.122	0.122
DC_2A_n71A	Front side	0.407	0.125	0.198	0.015	0.532	0.605	0.422	0.620
	Back side	0.429	0.231	0.118	0.075	0.660	0.547	0.504	0.622
	Left side	0.415	/	/	/	0.415	0.415	0.415	0.415
	Right side	0.207	0.083	0.199	0.020	0.290	0.406	0.227	0.426
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
	Bottom side	0.334	/	/	/	0.334	0.334	0.334	0.334
DC_7A_n71A	Front side	0.328	0.125	0.198	0.015	0.453	0.526	0.343	0.541
	Back side	0.438	0.231	0.118	0.075	0.669	0.556	0.513	0.631
	Left side	0.144	/	/	/	0.144	0.144	0.144	0.144
	Right side	0.255	0.083	0.199	0.020	0.338	0.454	0.275	0.474
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
	Bottom side	0.741	/	/	/	0.741	0.741	0.741	0.741
DC_66A_n71A	Front side	0.440	0.125	0.198	0.015	0.565	0.638	0.455	0.653
	Back side	0.511	0.231	0.118	0.075	0.742	0.629	0.586	0.704
	Left side	0.459	/	/	/	0.459	0.459	0.459	0.459
	Right side	0.207	0.083	0.199	0.020	0.290	0.406	0.227	0.426
	Top side	/	0.368	0.366	0.063	0.368	0.366	0.063	0.429
	Bottom side	0.312	/	/	/	0.312	0.312	0.312	0.312
DC_2A_n78A	Front side	0.348	0.125	0.198	0.015	0.473	0.546	0.363	0.561
	Back side	0.483	0.231	0.118	0.075	0.714	0.601	0.558	0.676
	Left side	0.285	/	/	/	0.285	0.285	0.285	0.285
	Right side	0.331	0.083	0.199	0.020	0.414	0.530	0.351	0.550
	Top side	0.047	0.368	0.366	0.063	0.415	0.413	0.110	0.476
	Bottom side	0.220	/	/	/	0.220	0.220	0.220	0.220
DC_5A_n78A	Front side	0.263	0.125	0.198	0.015	0.388	0.461	0.278	0.476

	Back side	0.510	0.231	0.118	0.075	0.741	0.628	0.585	0.703
	Left side	0.052	/	/	/	0.052	0.052	0.052	0.052
	Right side	0.430	0.083	0.199	0.020	0.513	0.629	0.450	0.649
	Top side	0.047	0.368	0.366	0.063	0.415	0.413	0.110	0.476
	Bottom side	0.157	/	/	/	0.157	0.157	0.157	0.157
DC_7A_n78A	Front side	0.269	0.125	0.198	0.015	0.394	0.467	0.284	0.482
	Back side	0.492	0.231	0.118	0.075	0.723	0.610	0.567	0.685
	Left side	0.014	/	/	/	0.014	0.014	0.014	0.014
	Right side	0.379	0.083	0.199	0.020	0.462	0.578	0.399	0.598
	Top side	0.047	0.368	0.366	0.063	0.415	0.413	0.110	0.476
DC_12A_n78A	Bottom side	0.627	/	/	/	0.627	0.627	0.627	0.627
	Front side	0.169	0.125	0.198	0.015	0.294	0.367	0.184	0.382
	Back side	0.360	0.231	0.118	0.075	0.591	0.478	0.435	0.553
	Left side	0.086	/	/	/	0.086	0.086	0.086	0.086
	Right side	0.466	0.083	0.199	0.020	0.549	0.665	0.486	0.685
DC_13A_n78A	Top side	0.047	0.368	0.366	0.063	0.415	0.413	0.110	0.476
	Bottom side	0.092	/	/	/	0.092	0.092	0.092	0.092
	Front side	0.208	0.125	0.198	0.015	0.333	0.406	0.223	0.421
	Back side	0.396	0.231	0.118	0.075	0.627	0.514	0.471	0.589
	Left side	0.080	/	/	/	0.080	0.080	0.080	0.080
DC_66A_n78A	Right side	0.451	0.083	0.199	0.020	0.534	0.650	0.471	0.670
	Top side	0.047	0.368	0.366	0.063	0.415	0.413	0.110	0.476
	Bottom side	0.122	/	/	/	0.122	0.122	0.122	0.122
	Front side	0.381	0.125	0.198	0.015	0.506	0.579	0.396	0.594
	Back side	0.565	0.231	0.118	0.075	0.796	0.683	0.640	0.758
DC_66A_n78A	Left side	0.329	/	/	/	0.329	0.329	0.329	0.329
	Right side	0.331	0.083	0.199	0.020	0.414	0.530	0.351	0.550
	Top side	0.047	0.368	0.366	0.063	0.415	0.413	0.110	0.476
	Bottom side	0.198	/	/	/	0.198	0.198	0.198	0.198

According to the above tables, SAR values < 1.6W/kg meet the compliance.

Product specific 10g SAR:

Band	Exposure position	SARmax (W/kg)				Summed SAR	Summed SAR	Summed SAR	Summed SAR
		1	2	3	4				
		Ant4	WiFi 2.4G	WiFi 5G	BT	1+2	1+3	1+4	1+3+4
LTE Band 7	Front side	/	/	0.584	/	/	0.584	/	0.584
	Back side	/	/	0.475	/	/	0.475	/	0.475
	Left side	/	/	/	/	/	/	/	/
	Right side	/	/	0.556	/	/	0.556	/	0.556
	Top side	/	/	1.351	/	/	1.351	/	1.351
	Bottom side	1.883	/	/	/	1.883	1.883	1.883	1.883

According to the above tables, SAR values < 4.0W/kg meet the compliance.

7 MEASUREMENT UNCERTAINTY

(0.3 - 3 GHz range)								
Error Description	Uncert. value	Prob. Dist.	Div.	(c_i) 1g	(c_i) 10g	Std. Unc. (1g)	Std. Unc. (10g)	(v_i) v_{eff}
Measurement System								
Probe Calibration	±6.0 %	N	1	1	1	±6.0 %	±6.0 %	∞
Axial Isotropy	±4.7 %	R	$\sqrt{3}$	0.7	0.7	±1.9 %	±1.9 %	∞
Hemispherical Isotropy	±9.6 %	R	$\sqrt{3}$	0.7	0.7	±3.9 %	±3.9 %	∞
Boundary Effects	±1.0 %	R	$\sqrt{3}$	1	1	±0.6 %	±0.6 %	∞
Linearity	±4.7 %	R	$\sqrt{3}$	1	1	±2.7 %	±2.7 %	∞
System Detection Limits	±1.0 %	R	$\sqrt{3}$	1	1	±0.6 %	±0.6 %	∞
Modulation Response ^m	±2.4 %	R	$\sqrt{3}$	1	1	±1.4 %	±1.4 %	∞
Readout Electronics	±0.3 %	N	1	1	1	±0.3 %	±0.3 %	∞
Response Time	±0.8 %	R	$\sqrt{3}$	1	1	±0.5 %	±0.5 %	∞
Integration Time	±2.6 %	R	$\sqrt{3}$	1	1	±1.5 %	±1.5 %	∞
RF Ambient Noise	±3.0 %	R	$\sqrt{3}$	1	1	±1.7 %	±1.7 %	∞
RF Ambient Reflections	±3.0 %	R	$\sqrt{3}$	1	1	±1.7 %	±1.7 %	∞
Probe Positioner	±0.4 %	R	$\sqrt{3}$	1	1	±0.2 %	±0.2 %	∞
Probe Positioning	±2.9 %	R	$\sqrt{3}$	1	1	±1.7 %	±1.7 %	∞
Max. SAR Eval.	±2.0 %	R	$\sqrt{3}$	1	1	±1.2 %	±1.2 %	∞
Test Sample Related								
Device Positioning	±2.9 %	N	1	1	1	±2.9 %	±2.9 %	145
Device Holder	±3.6 %	N	1	1	1	±3.6 %	±3.6 %	5
Power Drift	±5.0 %	R	$\sqrt{3}$	1	1	±2.9 %	±2.9 %	∞
Power Scaling ^P	±0 %	R	$\sqrt{3}$	1	1	±0.0 %	±0.0 %	∞
Phantom and Setup								
Phantom Uncertainty	±6.1 %	R	$\sqrt{3}$	1	1	±3.5 %	±3.5 %	∞
SAR correction	±1.9 %	R	$\sqrt{3}$	1	0.84	±1.1 %	±0.9 %	∞
Liquid Conductivity (mea.) ^{DAK}	±2.5 %	R	$\sqrt{3}$	0.78	0.71	±1.1 %	±1.0 %	∞
Liquid Permittivity (mea.) ^{DAK}	±2.5 %	R	$\sqrt{3}$	0.26	0.26	±0.3 %	±0.4 %	∞
Temp. unc. - Conductivity ^{BB}	±3.4 %	R	$\sqrt{3}$	0.78	0.71	±1.5 %	±1.4 %	∞
Temp. unc. - Permittivity ^{BB}	±0.4 %	R	$\sqrt{3}$	0.23	0.26	±0.1 %	±0.1 %	∞
Combined Std. Uncertainty						±11.2 %	±11.1 %	361
Expanded STD Uncertainty						±22.3 %	±22.2 %	

(3 - 6 GHz range)

Error Description	Uncert. value	Prob. Dist.	Div.	(c _i) 1g	(c _i) 10g	Std. Unc. (1g)	Std. Unc. (10g)	(v _i) v _{eff}
Measurement System								
Probe Calibration	±6.55 %	N	1	1	1	±6.55 %	±6.55 %	∞
Axial Isotropy	±4.7 %	R	√3	0.7	0.7	±1.9 %	±1.9 %	∞
Hemispherical Isotropy	±9.6 %	R	√3	0.7	0.7	±3.9 %	±3.9 %	∞
Boundary Effects	±2.0 %	R	√3	1	1	±1.2 %	±1.2 %	∞
Linearity	±4.7 %	R	√3	1	1	±2.7 %	±2.7 %	∞
System Detection Limits	±1.0 %	R	√3	1	1	±0.6 %	±0.6 %	∞
Modulation Response ^m	±2.4 %	R	√3	1	1	±1.4 %	±1.4 %	∞
Readout Electronics	±0.3 %	N	1	1	1	±0.3 %	±0.3 %	∞
Response Time	±0.8 %	R	√3	1	1	±0.5 %	±0.5 %	∞
Integration Time	±2.6 %	R	√3	1	1	±1.5 %	±1.5 %	∞
RF Ambient Noise	±3.0 %	R	√3	1	1	±1.7 %	±1.7 %	∞
RF Ambient Reflections	±3.0 %	R	√3	1	1	±1.7 %	±1.7 %	∞
Probe Positioner	±0.8 %	R	√3	1	1	±0.5 %	±0.5 %	∞
Probe Positioning	±6.7 %	R	√3	1	1	±3.9 %	±3.9 %	∞
Max. SAR Eval.	±4.0 %	R	√3	1	1	±2.3 %	±2.3 %	∞
Test Sample Related								
Device Positioning	±2.9 %	N	1	1	1	±2.9 %	±2.9 %	145
Device Holder	±3.6 %	N	1	1	1	±3.6 %	±3.6 %	5
Power Drift	±5.0 %	R	√3	1	1	±2.9 %	±2.9 %	∞
Power Scaling ^P	±0 %	R	√3	1	1	±0.0 %	±0.0 %	∞
Phantom and Setup								
Phantom Uncertainty	±6.6 %	R	√3	1	1	±3.8 %	±3.8 %	∞
SAR correction	±1.9 %	R	√3	1	0.84	±1.1 %	±0.9 %	∞
Liquid Conductivity (mea.) ^{DAK}	±2.5 %	R	√3	0.78	0.71	±1.1 %	±1.0 %	∞
Liquid Permittivity (mea.) ^{DAK}	±2.5 %	R	√3	0.26	0.26	±0.3 %	±0.4 %	∞
Temp. unc. - Conductivity ^{BB}	±3.4 %	R	√3	0.78	0.71	±1.5 %	±1.4 %	∞
Temp. unc. - Permittivity ^{BB}	±0.4 %	R	√3	0.23	0.26	±0.1 %	±0.1 %	∞
Combined Std. Uncertainty						±12.3 %	±12.2 %	748
Expanded STD Uncertainty						±24.6 %	±24.5 %	

8 TEST EQUIPMENTS

The measurements were performed using an automated near-field scanning system, DASY5, manufactured by Schmid & Partner Engineering AG (SPEAG) in Switzerland. The SAR extrapolation algorithm used in all measurements was the ‘advanced extrapolation’ algorithm.

The following table lists calibration dates of SPEAG components:

Test Equipment	Model	Serial Number	Calibration date	Calibration Due data
DAE	DAE4	720	2020.09.30	2021.09.29
DAE	DAE4	546	2020.11.11	2021.11.10
Dosimetric E-field Probe	EX3DV4	3708	2020.10.30	2021.10.29
Dosimetric E-field Probe	ES3DV3	3127	2020.09.01	2021.08.31
Dipole Validation Kit	D750V3	1101	2020.10.16	2023.10.15
Dipole Validation Kit	D835V2	4d023	2020.10.16	2023.10.15
Dipole Validation Kit	D1800V2	2d084	2020.09.18	2023.09.17
Dipole Validation Kit	D2000V2	1009	2020.10.14	2023.10.13
Dipole Validation Kit	D2450V2	738	2020.10.13	2023.10.12
Dipole Validation Kit	D2600V2	1166	2019.11.08	2022.11.07
Dipole Validation Kit	D3500V2	1090	2019.11.11	2022.11.10
Dipole Validation Kit	D3700V2	1058	2019.11.11	2022.11.10
Dipole Validation Kit	D5GHzV2	1079	2020.10.10	2023.10.09

Additional test equipment used in testing:

Test Equipment	Model	Serial Number	Calibration date	Calibration Due data
Signal Generator	E4428C	MY45280865	2020.08.20	2021.08.19
Signal Generator	SML 03	103514	2020.08.20	2021.08.19
Power meter	E4417A	MY45101182	2020.08.20	2021.08.19
Power Sensor	E4412A	MY41502214	2020.08.20	2021.08.19
Power Sensor	E4412A	MY41502130	2020.08.20	2021.08.19
Power meter	E4417A	MY45101004	2020.08.20	2021.08.19
Power Sensor	E9300B	MY41496001	2020.08.20	2021.08.19
Power Sensor	E9300B	MY41496003	2020.08.20	2021.08.19
Communication Tester	E5515C	MY48367401	2020.08.20	2021.08.19
Communication Tester	CMW500	161702	2020.08.20	2021.08.19
Communication Tester	MT8820C	6201300660	2020.08.20	2021.08.19
Communication Tester	MT8821C	6201547819	2020.08.20	2021.08.19
Vector Network Analyzer	VNA R140	0011213	2020.09.18	2021.09.17
Dielectric Parameter Probe	DAKS-3.5	1042	2020.09.17	2021.09.16

Detailed information of Isotropic E-field Probe Type EX3DV4

Construction	Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)
Calibration	Calibration certificate in Appendix C
Frequency	10 MHz to > 6 GHz Linearity: ± 0.2 dB (30 MHz to 6 GHz)
Optical Surface Detection	± 0.3 mm repeatability in air and clear liquids over diffuse reflecting surfaces
Dimensions	Overall length: 337 mm (Tip: 20 mm) Tip diameter: 2.5 mm (Body: 12 mm) Typical distance from probe tip to dipole centers: 1 mm
Dynamic Range	10 μ W/g to > 100 W/kg Linearity: ± 0.2 dB (noise: typically < 1 μ W/g)
Application	High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields); the only probe that enables compliance testing for frequencies up to 6 GHz with precision of better 30%.

According to KDB 865664 D01 section 3.2.2, instead of the typical annual calibration recommended by measurement standards, longer calibration intervals of up to three years may be considered when it is demonstrated that the **SAR target, impedance and return loss** of a dipole have remain stable according to the following requirements.

- 1) The test laboratory must ensure that the required supporting information and documentation are included in the SAR report to qualify for the three-year extended calibration interval; otherwise, the IEEE Std 1528-2013 recommended annual calibration applies.
- 2) Immediate re-calibration is required for the following conditions.
 - a) After a dipole is damaged and properly repaired to meet required specifications.
 - b) When the measured SAR deviates from the calibrated SAR value by more than 10% due to changes in physical, mechanical, electrical or other relevant dipole conditions; i.e., the error is not introduced by incorrect measurement procedures or other issues relating to the SAR measurement system.
 - c) When the most recent return-loss result, measured at least annually, deviates by more than 20% from the previous measurement (i.e. value in dB \times 0.2) or not meeting the required 20 dB minimum return-loss requirement.
 - d) When the most recent measurement of the real or imaginary parts of the impedance, measured at least annually, deviates by more than 5 Ω from the previous measurement

Dipole

SAR target

Refers to system check, measured SAR (1g and 10g) deviates from the Target SAR value of calibration report within 10%.

Impedance and Return loss measured by Network analyzer

The most recent measurement of the real or imaginary parts of the impedance deviates within 5 Ω from the previous measurement. (Data from the last calibration report)

The most recent return-loss result deviates within 20% from the previous measurement. (Data from the last calibration report)

Dipole750 TSL Parameters		
Parameters	Measured data	Target (Ref. Value)
Impedance	53.8 Ω -4.02j Ω	53.7 Ω -1.63j Ω
Return loss	-25.5 dB	-28.2dB

Dipole835 TSL Parameters		
Parameters	Measured data	Target (Ref. Value)
Impedance	54.5 Ω -6.16j Ω	52.6 Ω -2.37j Ω
Return loss	-34.1 dB	-29.3dB

Dipole1800 TSL Parameters		
Parameters	Measured data	Target (Ref. Value)
Impedance	44.2 Ω +5.06j Ω	48.9 Ω -2.71j Ω
Return loss	-31.8 dB	-30.6dB

Dipole2000 TSL Parameters		
Parameters	Measured data	Target (Ref. Value)
Impedance	51.9 Ω -3.37j Ω	49.4 Ω -2.46j Ω
Return loss	-28.4 dB	-31.9dB

Dipole2450 TSL Parameters		
Parameters	Measured data	Target (Ref. Value)
Impedance	53.2 Ω -9.98j Ω	53.3 Ω +6.38j Ω
Return loss	-19.9 dB	-23.1dB

Dipole2600 TSL Parameters		
Parameters	Measured data	Target (Ref. Value)
Impedance	50.4 Ω +6.71j Ω	47.9 Ω -7.80j Ω
Return loss	-23.5 dB	-21.7dB

Dipole5GHz TSL Parameters (5200MHz)		
Parameters	Measured data	Target (Ref. Value)
Impedance	51.2 Ω +13.89j Ω	50.2 Ω -10.0j Ω
Return loss	-17.0 dB	-20.0dB

Dipole5GHz TSL Parameters (5300MHz)		
Parameters	Measured data	Target (Ref. Value)
Impedance	52.0Ω-11.40jΩ	47.2Ω-7.33jΩ
Return loss	-18.4 dB	-21.9dB

Dipole5GHz TSL Parameters (5500MHz)		
Parameters	Measured data	Target (Ref. Value)
Impedance	51.6Ω+6.61jΩ	52.0Ω-7.96jΩ
Return loss	-18.6 dB	-21.9dB

Dipole5GHz TSL Parameters (5600MHz)		
Parameters	Measured data	Target (Ref. Value)
Impedance	53.6Ω+7.31jΩ	55.7Ω-3.78jΩ
Return loss	-22.1 dB	-23.8dB

Dipole5GHz TSL Parameters (5800MHz)		
Parameters	Measured data	Target (Ref. Value)
Impedance	51.6Ω-5.96jΩ	53.7Ω-5.87jΩ
Return loss	-19.0 dB	-23.5dB

ANNEX A – TEST PLOTS

Please refer to the attachment.