	LTE Band 48	20M	QPSK	1	49	-	Back	15mm	Ant 9	state 13/14	56640	3690	1	19.96	21.00	1.271	62.9	1.006	-0.02	0.166	0.212
	LTE Band 48	20M	QPSK	50	24	-	Front	15mm	Ant 9	state 13/14	56640	3690	1	19.03	20.00	1.250	62.9	1.006	-0.06	0.058	0.073
	LTE Band 48	20M	QPSK	50	24	-	Back	15mm	Ant 9	state 13/14	56640	3690	1	19.03	20.00	1.250	62.9	1.006	-0.15	0.131	0.165
	LTE Band 48	20M	QPSK	1	49	-	Front	15mm	Ant 10	state 13/14	56640	3690	1	24.96	26.00	1.271	62.9	1.006	-	n/a	n/a
85	LTE Band 48	20M	QPSK	1	49	-	Back	15mm	Ant 10	state 13/14	56640	3690	1	24.96	26.00	1.271	62.9	1.006	-0.05	0.274	**0.350**
	LTE Band 48	20M	QPSK	50	24	-	Front	15mm	Ant 10	state 13/14	56640	3690	1	23.84	25.00	1.306	62.9	1.006	-	n/a	n/a
	LTE Band 48	20M	QPSK	50	24	-	Back	15mm	Ant 10	state 13/14	56640	3690	1	23.84	25.00	1.306	62.9	1.006	0.05	0.215	0.283
	FR1 N48	40M	BPSK	1	1	DFT-30	Front	15mm	Ant 7	state 13/14	638000	3570	1	24.56	26.00	1.393	-	-	0.04	0.102	0.142
	FR1 N48	40M	BPSK	1	1	DFT-30	Back	15mm	Ant 7	state 13/14	638000	3570	1	24.56	26.00	1.393	-	-	-0.05	0.225	0.313
	FR1 N48	40M	BPSK	50	28	DFT-30	Front	15mm	Ant 7	state 13/14	638000	3570	1	24.48	26.00	1.419	-	-	0.09	0.096	0.136
	FR1 N48	40M	BPSK	50	28	DFT-30	Back	15mm	Ant 7	state 13/14	638000	3570	1	24.48	26.00	1.419	-	-	-0.11	0.218	0.309
	FR1 N48	40M	BPSK	1	1	DFT-30	Front	15mm	Ant 8	state 13/14	638000	3570	1	20.98	22.50	1.419	-	-	-	n/a	n/a
	FR1 N48	40M	BPSK	1	1	DFT-30	Back	15mm	Ant 8	state 13/14	638000	3570	1	20.98	22.50	1.419	-	-	0.05	0.078	0.111
	FR1 N48	40M	BPSK	50	28	DFT-30	Front	15mm	Ant 8	state 13/14	638000	3570	1	20.97	22.50	1.422	-	-	-	n/a	n/a
	FR1 N48	40M	BPSK	50	28	DFT-30	Back	15mm	Ant 8	state 13/14	638000	3570	1	20.97	22.50	1.422	-	-	-0.08	0.080	0.113
	FR1 N48	40M	BPSK	1	1	DFT-30	Front	15mm	Ant 9	state 13/14	638000	3570	1	18.22	19.50	1.343	-	-	-	n/a	n/a
	FR1 N48	40M	BPSK	1	1	DFT-30	Back	15mm	Ant 9	state 13/14	638000	3570	1	18.22	19.50	1.343	-	-	0.06	0.177	0.238
	FR1 N48	40M	BPSK	50	28	DFT-30	Front	15mm	Ant 9	state 13/14	638000	3570	1	18.20	19.50	1.349	-	-	-	n/a	n/a
	FR1 N48	40M	BPSK	50	28	DFT-30	Back	15mm	Ant 9	state 13/14	638000	3570	1	18.20	19.50	1.349	-	-	-0.01	0.183	0.247
	FR1 N48	40M	BPSK	1	1	DFT-30	Front	15mm	Ant 10	state 13/14	638000	3570	1	24.56	26.00	1.393	-	-	-	n/a	n/a
86	FR1 N48	40M	BPSK	1	1	DFT-30	Back	15mm	Ant 10	state 13/14	638000	3570	1	24.56	26.00	1.393	-	-	-0.04	0.363	**0.506**
	FR1 N48	40M	BPSK	50	28	DFT-30	Front	15mm	Ant 10	state 13/14	638000	3570	1	24.48	26.00	1.419	-	-	-	n/a	n/a
	FR1 N48	40M	BPSK	50	28	DFT-30	Back	15mm	Ant 10	state 13/14	638000	3570	1	24.48	26.00	1.419	-	-	-0.02	0.354	0.502
	FR1 N77(HPUE)	100M	BPSK	1	1	DFT-30	Front	15mm	Ant 7	state 13/14	656000	3840	1	26.34	27.50	1.306	-	-	0.03	0.090	0.118
	FR1 N77(HPUE)	100M	BPSK	1	1	DFT-30	Back	15mm	Ant 7	state 13/14	656000	3840	1	26.34	27.50	1.306	-	-	-0.09	0.299	0.391
	FR1 N77(HPUE)	100M	BPSK	135	69	DFT-30	Front	15mm	Ant 7	state 13/14	656000	3840	1	26.32	27.50	1.312	-	-	0.05	0.087	0.114
	FR1 N77(HPUE)	100M	BPSK	135	69	DFT-30	Back	15mm	Ant 7	state 13/14	656000	3840	1	26.32	27.50	1.312	-	-	-0.03	0.290	0.381
	FR1 N77(HPUE)	100M	BPSK	1	1	DFT-30	Front	15mm	Ant 8	state 13/14	656000	3840	1	22.92	24.00	1.282	-	-	-0.05	0.306	0.392
	FR1 N77(HPUE)	100M	BPSK	1	1	DFT-30	Back	15mm	Ant 8	state 13/14	656000	3840	1	22.92	24.00	1.282	-	-	0.06	0.183	0.235
87	FR1 N77(HPUE)	100M	BPSK	135	69	DFT-30	Front	15mm	Ant 8	state 13/14	656000	3840	1	22.90	24.00	1.288	-	-	-0.07	0.314	**0.405**
	FR1 N77(HPUE)	100M	BPSK	135	69	DFT-30	Back	15mm	Ant 8	state 13/14	656000	3840	1	22.90	24.00	1.288	-	-	0.07	0.194	0.250
	FR1 N77(HPUE)	100M	BPSK	270	0	DFT-30	Front	15mm	Ant 8	state 13/14	656000	3840	1	22.89	24.00	1.291	-	-	0.03	0.307	0.396
	FR1 N77(HPUE)	100M	BPSK	1	1	DFT-30	Front	15mm	Ant 9	state 13/14	656000	3840	1	14.96	16.00	1.271	-	-	-	n/a	n/a
	FR1 N77(HPUE)	100M	BPSK	1	1	DFT-30	Back	15mm	Ant 9	state 13/14	656000	3840	1	14.96	16.00	1.271	-	-	0.05	0.269	0.342
	FR1 N77(HPUE)	100M	BPSK	135	69	DFT-30	Front	15mm	Ant 9	state 13/14	656000	3840	1	14.94	16.00	1.276	-	-	-	n/a	n/a
	FR1 N77(HPUE)	100M	BPSK	135	69	DFT-30	Back	15mm	Ant 9	state 13/14	656000	3840	1	14.94	16.00	1.276	-	-	-0.14	0.275	0.351
	FR1 N77(HPUE)	100M	BPSK	1	1	DFT-30	Front	15mm	Ant 10	state 13/14	656000	3840	1	21.95	23.00	1.274	-	-	-	n/a	n/a
	FR1 N77(HPUE)	100M	BPSK	1	1	DFT-30	Back	15mm	Ant 10	state 13/14	656000	3840	1	21.95	23.00	1.274	-	-	-0.08	0.227	0.289
	FR1 N77(HPUE)	100M	BPSK	135	69	DFT-30	Front	15mm	Ant 10	state 13/14	656000	3840	1	21.94	23.00	1.276	-	-	-	n/a	n/a
	FR1 N77(HPUE)	100M	BPSK	135	69	DFT-30	Back	15mm	Ant 10	state 13/14	656000	3840	1	21.94	23.00	1.276	-	-	-0.01	0.233	0.297

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
2450MHz																	
Normal																	
	Bluetooth	DH5 1Mbps	Front	15mm	Ant 4	Full Power	78	2480	1	14.54	16.54	1.585	76.84	1.301	-	n/a	n/a
	Bluetooth	DH5 1Mbps	Back	15mm	Ant 4	Full Power	78	2480	1	14.54	16.54	1.585	76.84	1.301	-	n/a	n/a
Normal & Camera																	
	Bluetooth	DH5 1Mbps	Front	15mm	Ant 5	Full Power	78	2480	1	17.23	19.23	1.585	76.84	1.301	0.02	0.039	0.080
	Bluetooth	DH5 1Mbps	Back	15mm	Ant 5	Full Power	78	2480	1	17.23	19.23	1.585	76.84	1.301	0.13	0.032	0.066
Camera																	
	Bluetooth	DH5 1Mbps	Front	15mm	Ant 6	Full Power	39	2441	1	16.40	18.40	1.585	76.84	1.301	-	n/a	n/a
88	Bluetooth	DH5 1Mbps	Back	15mm	Ant 6	Full Power	39	2441	1	16.40	18.40	1.585	76.84	1.301	0.05	0.061	**0.126**
Normal																	
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 4	Full Power	1	2412	1	21.50	23.50	1.585	98.1	1.019	-0.12	0.091	0.147

	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 4	Full Power	1	2412	1	21.50	23.50	1.585	98.1	1.019	-0.07	0.117	0.189
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 5	Full Power	1	2412	1	20.30	22.30	1.585	98.1	1.019	-0.09	0.111	0.179
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 5	Full Power	1	2412	1	20.30	22.30	1.585	98.1	1.019	0	0.105	0.170
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 4+5	Full Power	1	2412	1	23.95	25.95	1.585	98.1	1.019	0.04	0.197	0.318
89	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 4+5	Full Power	1	2412	1	23.95	25.95	1.585	98.1	1.019	-0.02	0.271	**0.438**
Camera																	
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 5	Full Power	1	2412	1	20.30	22.30	1.585	98.1	1.019	-0.09	0.111	0.179
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 5	Full Power	1	2412	1	20.30	22.30	1.585	98.1	1.019	0	0.105	0.170
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 6	Rec off	6	2437	1	21.71	23.71	1.585	98.1	1.019	0.15	0.053	0.086
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 6	Rec off	6	2437	1	21.71	23.71	1.585	98.1	1.019	0.08	0.252	0.407
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 6	Rec off(Sim TX)	6	2437	1	16.60	18.60	1.585	98.1	1.019	0.08	0.017	0.027
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 6	Rec off(Sim TX)	6	2437	1	16.60	18.60	1.585	98.1	1.019	0.06	0.077	0.124
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 5+6	Rec off	6	2437	1	23.15	25.15	1.585	98.1	1.019	0.17	0.049	0.079
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 5+6	Rec off	6	2437	1	23.15	25.15	1.585	98.1	1.019	0.1	0.143	0.231
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 5+6	Rec off(Sim TX)	6	2437	1	18.10	20.10	1.585	98.1	1.019	-0.15	0.014	0.023
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 5+6	Rec off(Sim TX)	6	2437	1	18.10	20.10	1.585	98.1	1.019	-0.1	0.044	0.071
5000MHz																	
Normal																	
	WLAN 5.3GHz	802.11a 6Mbps	Front	15mm	Ant 4	Full Power	52	5260	1	18.10	20.10	1.585	98.3	1.017	0.1	0.071	0.114
	WLAN 5.3GHz	802.11a 6Mbps	Back	15mm	Ant 4	Full Power	52	5260	1	18.10	20.10	1.585	98.3	1.017	-	n/a	n/a
	WLAN 5.3GHz	802.11a 6Mbps	Front	15mm	Ant 5	Full Power	52	5260	1	18.30	20.30	1.585	98.3	1.017	-0.09	0.096	0.155
	WLAN 5.3GHz	802.11a 6Mbps	Back	15mm	Ant 5	Full Power	52	5260	1	18.30	20.30	1.585	98.3	1.017	-0.04	0.090	0.145
	WLAN 5.3GHz	802.11a 6Mbps	Front	15mm	Ant 4+5	Full Power	52	5260	1	21.21	23.21	1.585	98.3	1.017	-0.01	0.121	0.195
	WLAN 5.3GHz	802.11a 6Mbps	Back	15mm	Ant 4+5	Full Power	52	5260	1	21.21	23.21	1.585	98.3	1.017	-0.15	0.114	0.184
Camera																	
	WLAN 5.3GHz	802.11a 6Mbps	Front	15mm	Ant 5	Full Power	52	5260	1	18.40	20.40	1.585	98.3	1.017	-0.09	0.096	0.155
	WLAN 5.3GHz	802.11a 6Mbps	Back	15mm	Ant 5	Full Power	52	5260	1	18.40	20.40	1.585	98.3	1.017	-0.04	0.090	0.145
	WLAN 5.3GHz	802.11a 6Mbps	Front	15mm	Ant 6	Full Power	52	5260	1	16.50	18.50	1.585	98.3	1.017	-	n/a	n/a
90	WLAN 5.3GHz	802.11a 6Mbps	Back	15mm	Ant 6	Full Power	52	5260	1	16.50	18.50	1.585	98.3	1.017	0.17	0.224	**0.361**
	WLAN 5.3GHz	802.11a 6Mbps	Front	15mm	Ant 5+6	Full Power	52	5260	1	20.56	22.56	1.585	98.3	1.017	0.14	0.096	0.155
	WLAN 5.3GHz	802.11a 6Mbps	Back	15mm	Ant 5+6	Full Power	52	5260	1	20.56	22.56	1.585	98.3	1.017	0.13	0.210	0.338
	WLAN 5.3GHz	802.11a 6Mbps	Front	15mm	Ant 5+6	Rec off(Sim TX)	52	5260	1	19.07	21.07	1.585	98.3	1.017	0.18	0.067	0.108
	WLAN 5.3GHz	802.11a 6Mbps	Back	15mm	Ant 5+6	Rec off(Sim TX)	52	5260	1	19.07	21.07	1.585	98.3	1.017	0.07	0.154	0.248
Normal																	
	WLAN 5.5GHz	802.11a 6Mbps	Front	15mm	Ant 4	Full Power	100	5500	1	17.80	19.80	1.585	98.3	1.017	0.04	0.121	0.195
	WLAN 5.5GHz	802.11a 6Mbps	Back	15mm	Ant 4	Full Power	100	5500	1	17.80	19.80	1.585	98.3	1.017	0.01	0.074	0.119
	WLAN 5.5GHz	802.11a 6Mbps	Front	15mm	Ant 5	Rec off	140	5700	1	17.15	19.15	1.585	98.3	1.017	0.1	0.123	0.198
	WLAN 5.5GHz	802.11a 6Mbps	Back	15mm	Ant 5	Rec off	140	5700	1	17.15	19.15	1.585	98.3	1.017	-0.09	0.083	0.134
	WLAN 5.5GHz	802.11a 6Mbps	Front	15mm	Ant 4+5	Full Power	100	5500	1	20.91	22.91	1.585	98.3	1.017	-0.06	0.161	0.260
	WLAN 5.5GHz	802.11a 6Mbps	Back	15mm	Ant 4+5	Full Power	100	5500	1	20.91	22.91	1.585	98.3	1.017	-0.01	0.111	0.179
Camera																	
	WLAN 5.5GHz	802.11a 6Mbps	Front	15mm	Ant 5	Rec off	140	5700	1	17.15	19.15	1.585	98.3	1.017	0.1	0.123	0.198
	WLAN 5.5GHz	802.11a 6Mbps	Back	15mm	Ant 5	Rec off	140	5700	1	17.15	19.15	1.585	98.3	1.017	-0.09	0.083	0.134
	WLAN 5.5GHz	802.11ax-HE20 MCS0	Front	15mm	Ant 6	Full Power	116	5580	1	16.60	18.60	1.585	99.7	1.003	-0.13	0.000	0.000
91	WLAN 5.5GHz	802.11ax-HE20 MCS0	Back	15mm	Ant 6	Full Power	116	5580	1	16.60	18.60	1.585	99.7	1.003	0.02	0.244	**0.388**
	WLAN 5.5GHz	802.11a 6Mbps	Front	15mm	Ant 5+6	Full Power	140	5700	1	20.31	22.31	1.585	98.3	1.017	-0.1	0.169	0.272
	WLAN 5.5GHz	802.11a 6Mbps	Back	15mm	Ant 5+6	Full Power	140	5700	1	20.31	22.31	1.585	98.3	1.017	-0.17	0.162	0.261
Normal																	
	WLAN 5.8GHz	802.11ax-HE20 MCS0	Front	15mm	Ant 4	Full Power	149	5745	1	23.10	25.10	1.585	99.7	1.003	0.05	0.317	0.504
92	WLAN 5.8GHz	802.11ax-HE20 MCS0	Back	15mm	Ant 4	Full Power	149	5745	1	23.10	25.10	1.585	99.7	1.003	0.13	0.599	**0.952**
	WLAN 5.8GHz	802.11ax-HE20 MCS0	Back	15mm	Ant 4	Full Power	149	5745	2	23.10	25.10	1.585	99.7	1.003	0.08	0.578	0.919
	WLAN 5.8GHz	802.11ax-HE20 MCS0	Back	15mm	Ant 4	Full Power	165	5825	1	22.10	24.10	1.585	99.7	1.003	0.08	0.469	0.746
	WLAN 5.8GHz	802.11ax-HE20 MCS0	Front	15mm	Ant 4	Rec off(Sim TX)	149	5745	1	20.10	22.10	1.585	99.7	1.003	0.07	0.155	0.246
	WLAN 5.8GHz	802.11ax-HE20 MCS0	Back	15mm	Ant 4	Rec off(Sim TX)	149	5745	1	20.10	22.10	1.585	99.7	1.003	0.11	0.290	0.461
	WLAN 5.8GHz	802.11ax-HE40 MCS0	Front	15mm	Ant 5	Rec off	151	5755	1	18.11	20.11	1.585	99.5	1.005	0.05	0.130	0.207
	WLAN 5.8GHz	802.11ax-HE40 MCS0	Back	15mm	Ant 5	Rec off	151	5755	1	18.11	20.11	1.585	99.5	1.005	0.02	0.054	0.086

	WLAN 5.8GHz	802.11ax-HE40 MCS0	Front	15mm	Ant 4+5	Rec off	151	5755	1	20.70	22.70	1.585	99.5	1.005	0.14	0.132	0.210
	WLAN 5.8GHz	802.11ax-HE40 MCS0	Back	15mm	Ant 4+5	Rec off	151	5755	1	20.70	22.70	1.585	99.5	1.005	-0.06	0.118	0.188
Camera																		
	WLAN 5.8GHz	802.11ax-HE40 MCS0	Front	15mm	Ant 5	Rec off	151	5755	1	18.11	20.11	1.585	99.5	1.005	0.05	0.130	0.207
	WLAN 5.8GHz	802.11ax-HE40 MCS0	Back	15mm	Ant 5	Rec off	151	5755	1	18.11	20.11	1.585	99.5	1.005	0.02	0.054	0.086
	WLAN 5.8GHz	802.11ax-HE20 MCS0	Front	15mm	Ant 6	Full Power	149	5745	1	21.20	23.20	1.585	99.7	1.003	-	n/a	n/a
	WLAN 5.8GHz	802.11ax-HE20 MCS0	Back	15mm	Ant 6	Full Power	149	5745	1	21.20	23.20	1.585	99.7	1.003	0.04	0.252	0.401
	WLAN 5.8GHz	802.11ax-HE40 MCS0	Front	15mm	Ant 5+6	Rec off	151	5755	1	20.05	22.05	1.585	99.5	1.005	0.09	0.130	0.207
	WLAN 5.8GHz	802.11ax-HE40 MCS0	Back	15mm	Ant 5+6	Rec off	151	5755	1	20.05	22.05	1.585	99.5	1.005	0.11	0.122	0.194

<Inter CA SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																		
	LTE Band 12	10M	QPSK	1	49	Front	15mm	Ant 0	state 13/14	23095	707.5	1	21.57	23.00	1.390	-0.09	0.084	0.117
	LTE Band 12	10M	QPSK	1	49	Back	15mm	Ant 0	state 13/14	23095	707.5	1	21.57	23.00	1.390	-0.1	0.106	0.147
	LTE Band 12	10M	QPSK	25	12	Front	15mm	Ant 0	state 13/14	23095	707.5	1	21.55	23.00	1.396	-0.04	0.085	0.119
	LTE Band 12	10M	QPSK	25	12	Back	15mm	Ant 0	state 13/14	23095	707.5	1	21.55	23.00	1.396	-0.13	0.111	0.155
	LTE Band 12	10M	QPSK	1	49	Front	15mm	Ant 2	state 13/14	23095	707.5	1	21.57	23.00	1.390	0.12	0.087	0.121
	LTE Band 12	10M	QPSK	1	49	Back	15mm	Ant 2	state 13/14	23095	707.5	1	21.57	23.00	1.390	-0.16	0.069	0.096
	LTE Band 12	10M	QPSK	25	12	Front	15mm	Ant 2	state 13/14	23095	707.5	1	21.55	23.00	1.396	0.13	0.088	0.123
	LTE Band 12	10M	QPSK	25	12	Back	15mm	Ant 2	state 13/14	23095	707.5	1	21.55	23.00	1.396	0.06	0.067	0.094
	LTE Band 13	10M	QPSK	1	25	Front	15mm	Ant 0	state 13/14	23230	782	1	21.65	23.00	1.365	-0.18	0.087	0.119
	LTE Band 13	10M	QPSK	1	25	Back	15mm	Ant 0	state 13/14	23230	782	1	21.65	23.00	1.365	0.16	0.115	0.157
	LTE Band 13	10M	QPSK	25	12	Front	15mm	Ant 0	state 13/14	23230	782	1	21.58	23.00	1.387	0.07	0.085	0.118
	LTE Band 13	10M	QPSK	25	12	Back	15mm	Ant 0	state 13/14	23230	782	1	21.58	23.00	1.387	0.08	0.116	0.161
	LTE Band 13	10M	QPSK	1	25	Front	15mm	Ant 2	state 13/14	23230	782	1	21.65	23.00	1.365	0.02	0.073	0.100
	LTE Band 13	10M	QPSK	1	25	Back	15mm	Ant 2	state 13/14	23230	782	1	21.65	23.00	1.365	0.04	0.051	0.070
	LTE Band 13	10M	QPSK	25	12	Front	15mm	Ant 2	state 13/14	23230	782	1	21.58	23.00	1.387	0.09	0.072	0.100
	LTE Band 13	10M	QPSK	25	12	Back	15mm	Ant 2	state 13/14	23230	782	1	21.58	23.00	1.387	0.11	0.050	0.069
835MHz																		
	LTE Band 5	10M	QPSK	1	25	Front	15mm	Ant 0	state 13/14	20525	836.5	1	21.56	23.00	1.393	-0.05	0.097	0.135
	LTE Band 5	10M	QPSK	1	25	Back	15mm	Ant 0	state 13/14	20525	836.5	1	21.56	23.00	1.393	-0.04	0.163	0.227
	LTE Band 5	10M	QPSK	25	12	Front	15mm	Ant 0	state 13/14	20525	836.5	1	21.55	23.00	1.396	0.01	0.100	0.140
	LTE Band 5	10M	QPSK	25	12	Back	15mm	Ant 0	state 13/14	20525	836.5	1	21.55	23.00	1.396	0.17	0.165	0.230
	LTE Band 5	10M	QPSK	1	25	Front	15mm	Ant 2	state 13/14	20525	836.5	1	21.56	23.00	1.393	0.09	0.105	0.146
	LTE Band 5	10M	QPSK	1	25	Back	15mm	Ant 2	state 13/14	20525	836.5	1	21.56	23.00	1.393	-0.18	0.072	0.100
	LTE Band 5	10M	QPSK	25	12	Front	15mm	Ant 2	state 13/14	20525	836.5	1	21.55	23.00	1.396	0	0.103	0.144
	LTE Band 5	10M	QPSK	25	12	Back	15mm	Ant 2	state 13/14	20525	836.5	1	21.55	23.00	1.396	-0.19	0.070	0.098
1750MHz																		
	LTE Band 66	20M	QPSK	1	0	Front	15mm	Ant 1	state 13/14	132572	1770	1	21.39	23.00	1.449	0.11	0.114	0.165
	LTE Band 66	20M	QPSK	1	0	Back	15mm	Ant 1	state 13/14	132572	1770	1	21.39	23.00	1.449	-0.03	0.149	0.216
	LTE Band 66	20M	QPSK	50	24	Front	15mm	Ant 1	state 13/14	132572	1770	1	21.37	23.00	1.455	-0.18	0.111	0.162
	LTE Band 66	20M	QPSK	50	24	Back	15mm	Ant 1	state 13/14	132572	1770	1	21.37	23.00	1.455	-0.18	0.146	0.212
	LTE Band 66	20M	QPSK	1	0	Front	15mm	Ant 2	state 13/14	132572	1770	1	21.39	23.00	1.449	0.06	0.028	0.041
	LTE Band 66	20M	QPSK	1	0	Back	15mm	Ant 2	state 13/14	132572	1770	1	21.39	23.00	1.449	-0.16	0.033	0.048
	LTE Band 66	20M	QPSK	50	24	Front	15mm	Ant 2	state 13/14	132572	1770	1	21.37	23.00	1.455	0.02	0.027	0.039
	LTE Band 66	20M	QPSK	50	24	Back	15mm	Ant 2	state 13/14	132572	1770	1	21.37	23.00	1.455	0.14	0.034	0.049
	LTE Band 66	20M	QPSK	1	0	Front	15mm	Ant 11	state 13/14	132572	1770	1	20.45	21.50	1.274	0.12	0.036	0.046
	LTE Band 66	20M	QPSK	1	0	Back	15mm	Ant 11	state 13/14	132572	1770	1	20.45	21.50	1.274	0.08	0.040	0.051
	LTE Band 66	20M	QPSK	50	24	Front	15mm	Ant 11	state 13/14	132572	1770	1	20.43	21.50	1.279	-0.13	0.035	0.045
	LTE Band 66	20M	QPSK	50	24	Back	15mm	Ant 11	state 13/14	132572	1770	1	20.43	21.50	1.279	-0.01	0.038	0.049
1900MHz																		
	LTE Band 2	20M	QPSK	1	49	Front	15mm	Ant 1	state 13/14	18900	1880	1	21.49	23.00	1.416	-0.17	0.123	0.174
	LTE Band 2	20M	QPSK	1	49	Back	15mm	Ant 1	state 13/14	18900	1880	1	21.49	23.00	1.416	0.09	0.149	0.211
	LTE Band 2	20M	QPSK	50	24	Front	15mm	Ant 1	state 13/14	18900	1880	1	21.45	23.00	1.429	0.09	0.127	0.181

	LTE Band 2	20M	QPSK	50	24	Back	15mm	Ant 1	state 13/14	18900	1880	1	21.45	23.00	1.429	-0.15	0.155	0.221
	LTE Band 2	20M	QPSK	1	49	Front	15mm	Ant 2	state 13/14	18900	1880	1	21.49	23.00	1.416	0	0.032	0.045
	LTE Band 2	20M	QPSK	1	49	Back	15mm	Ant 2	state 13/14	18900	1880	1	21.49	23.00	1.416	0.06	0.059	0.084
	LTE Band 2	20M	QPSK	50	24	Front	15mm	Ant 2	state 13/14	18900	1880	1	21.45	23.00	1.429	-0.01	0.030	0.043
	LTE Band 2	20M	QPSK	50	24	Back	15mm	Ant 2	state 13/14	18900	1880	1	21.45	23.00	1.429	0.08	0.060	0.086
	LTE Band 2	20M	QPSK	1	49	Front	15mm	Ant 11	state 13/14	18900	1880	1	20.35	21.50	1.303	-0.06	0.050	0.065
	LTE Band 2	20M	QPSK	1	49	Back	15mm	Ant 11	state 13/14	18900	1880	1	20.35	21.50	1.303	-0.08	0.037	0.048
	LTE Band 2	20M	QPSK	50	24	Front	15mm	Ant 11	state 13/14	18900	1880	1	20.33	21.50	1.309	0.08	0.053	0.069
	LTE Band 2	20M	QPSK	50	24	Back	15mm	Ant 11	state 13/14	18900	1880	1	20.33	21.50	1.309	-0.14	0.039	0.051
2300MHz																		
	LTE Band 30	10M	QPSK	1	49	Front	15mm	Ant 1	state 13/14	27710	2310	1	22.41	23.00	1.146	-0.06	0.085	0.097
	LTE Band 30	10M	QPSK	1	49	Back	15mm	Ant 1	state 13/14	27710	2310	1	22.41	23.00	1.146	0.1	0.107	0.123
	LTE Band 30	10M	QPSK	25	25	Front	15mm	Ant 1	state 13/14	27710	2310	1	22.07	23.00	1.239	0.05	0.084	0.104
	LTE Band 30	10M	QPSK	25	25	Back	15mm	Ant 1	state 13/14	27710	2310	1	22.07	23.00	1.239	-0.09	0.109	0.135
	LTE Band 30	10M	QPSK	1	49	Front	15mm	Ant 2	state 13/14	27710	2310	1	22.41	23.00	1.146	-0.09	0.083	0.095
	LTE Band 30	10M	QPSK	1	49	Back	15mm	Ant 2	state 13/14	27710	2310	1	22.41	23.00	1.146	-0.05	0.129	0.148
	LTE Band 30	10M	QPSK	25	25	Front	15mm	Ant 2	state 13/14	27710	2310	1	22.07	23.00	1.239	0.11	0.080	0.099
	LTE Band 30	10M	QPSK	25	25	Back	15mm	Ant 2	state 13/14	27710	2310	1	22.07	23.00	1.239	0.1	0.127	0.157
2600MHz																		
	LTE Band 7	20M	QPSK	1	99	Front	15mm	Ant 1	state 13/14	20850	2510	1	21.31	23.00	1.476	-0.15	0.134	0.198
	LTE Band 7	20M	QPSK	1	99	Back	15mm	Ant 1	state 13/14	20850	2510	1	21.31	23.00	1.476	0.06	0.145	0.214
	LTE Band 7	20M	QPSK	50	24	Front	15mm	Ant 1	state 13/14	20850	2510	1	21.28	23.00	1.486	-0.14	0.133	0.198
	LTE Band 7	20M	QPSK	50	24	Back	15mm	Ant 1	state 13/14	20850	2510	1	21.28	23.00	1.486	0.19	0.142	0.211
	LTE Band 7	20M	QPSK	1	99	Front	15mm	Ant 2	state 13/14	20850	2510	1	21.31	23.00	1.476	0	0.092	0.136
	LTE Band 7	20M	QPSK	1	99	Back	15mm	Ant 2	state 13/14	20850	2510	1	21.31	23.00	1.476	-0.16	0.190	0.280
	LTE Band 7	20M	QPSK	50	24	Front	15mm	Ant 2	state 13/14	20850	2510	1	21.28	23.00	1.486	-0.13	0.093	0.138
	LTE Band 7	20M	QPSK	50	24	Back	15mm	Ant 2	state 13/14	20850	2510	1	21.28	23.00	1.486	-0.08	0.188	0.279

<EN-DC SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																			
	LTE Band 12	10M	QPSK	1	49	-	Front	15mm	Ant 0	state 13/14	23095	707.5	1	24.29	26.00	1.483	0.02	0.161	0.239
	LTE Band 12	10M	QPSK	1	49	-	Back	15mm	Ant 0	state 13/14	23095	707.5	1	24.29	26.00	1.483	0.03	0.204	0.302
	LTE Band 12	10M	QPSK	25	12	-	Front	15mm	Ant 0	state 13/14	23095	707.5	1	23.30	25.00	1.479	0.12	0.139	0.206
	LTE Band 12	10M	QPSK	25	12	-	Back	15mm	Ant 0	state 13/14	23095	707.5	1	23.30	25.00	1.479	0.04	0.155	0.229
	LTE Band 12	10M	QPSK	1	49	-	Front	15mm	Ant 2	state 13/14	23095	707.5	1	24.29	26.00	1.483	-0.17	0.163	0.242
	LTE Band 12	10M	QPSK	1	49	-	Back	15mm	Ant 2	state 13/14	23095	707.5	1	24.29	26.00	1.483	0.03	0.132	0.196
	LTE Band 12	10M	QPSK	25	12	-	Front	15mm	Ant 2	state 13/14	23095	707.5	1	23.30	25.00	1.479	0.05	0.136	0.201
	LTE Band 12	10M	QPSK	25	12	-	Back	15mm	Ant 2	state 13/14	23095	707.5	1	23.30	25.00	1.479	0.18	0.110	0.163
	FR1 N71	20M	BPSK	1	1	DFT-15	Front	15mm	Ant 0	state 13/14	136100	680.5	1	24.67	26.00	1.358	0.13	0.139	0.189
	FR1 N71	20M	BPSK	1	1	DFT-15	Back	15mm	Ant 0	state 13/14	136100	680.5	1	24.67	26.00	1.358	-0.08	0.167	0.227
	FR1 N71	20M	BPSK	50	28	DFT-15	Front	15mm	Ant 0	state 13/14	136100	680.5	1	24.65	26.00	1.365	0.05	0.142	0.194
	FR1 N71	20M	BPSK	50	28	DFT-15	Back	15mm	Ant 0	state 13/14	136100	680.5	1	24.65	26.00	1.365	-0.11	0.180	0.246
	FR1 N71	20M	BPSK	1	1	DFT-15	Front	15mm	Ant 2	state 13/14	136100	680.5	1	24.67	26.00	1.358	0.07	0.100	0.136
	FR1 N71	20M	BPSK	1	1	DFT-15	Back	15mm	Ant 2	state 13/14	136100	680.5	1	24.67	26.00	1.358	0.1	0.076	0.103
	FR1 N71	20M	BPSK	50	28	DFT-15	Front	15mm	Ant 2	state 13/14	136100	680.5	1	24.65	26.00	1.365	0.16	0.095	0.130
	FR1 N71	20M	BPSK	50	28	DFT-15	Back	15mm	Ant 2	state 13/14	136100	680.5	1	24.65	26.00	1.365	-0.12	0.074	0.101
835MHz																			
	LTE Band 5	10M	QPSK	1	25	-	Front	15mm	Ant 0	state 13/14	20525	836.5	1	24.59	26.00	1.384	0.02	0.208	0.288
	LTE Band 5	10M	QPSK	1	25	-	Back	15mm	Ant 0	state 13/14	20525	836.5	1	24.59	26.00	1.384	0.04	0.329	0.455
	LTE Band 5	10M	QPSK	25	12	-	Front	15mm	Ant 0	state 13/14	20525	836.5	1	23.64	25.00	1.368	0.13	0.165	0.226
	LTE Band 5	10M	QPSK	25	12	-	Back	15mm	Ant 0	state 13/14	20525	836.5	1	23.64	25.00	1.368	0.05	0.269	0.368
	LTE Band 5	10M	QPSK	1	25	-	Front	15mm	Ant 2	state 13/14	20525	836.5	1	24.59	26.00	1.384	0.1	0.213	0.295
	LTE Band 5	10M	QPSK	1	25	-	Back	15mm	Ant 2	state 13/14	20525	836.5	1	24.59	26.00	1.384	0.13	0.139	0.192
	LTE Band 5	10M	QPSK	25	12	-	Front	15mm	Ant 2	state 13/14	20525	836.5	1	23.64	25.00	1.368	0.05	0.176	0.241

	LTE Band 5	10M	QPSK	25	12	-	Back	15mm	Ant 2	state 13/14	20525	836.5	1	23.64	25.00	1.368	0.1	0.112	0.153
	FR1 N5	20M	BPSK	1	1	DFT-15	Front	15mm	Ant 0	state 13/14	167300	836.5	1	24.41	26.00	1.442	0.12	0.173	0.249
	FR1 N5	20M	BPSK	1	1	DFT-15	Back	15mm	Ant 0	state 13/14	167300	836.5	1	24.41	26.00	1.442	-0.04	0.249	0.359
	FR1 N5	20M	BPSK	50	28	DFT-15	Front	15mm	Ant 0	state 13/14	167300	836.5	1	24.32	26.00	1.472	0.01	0.170	0.250
	FR1 N5	20M	BPSK	50	28	DFT-15	Back	15mm	Ant 0	state 13/14	167300	836.5	1	24.32	26.00	1.472	-0.11	0.245	0.361
	FR1 N5	20M	BPSK	1	1	DFT-15	Front	15mm	Ant 2	state 13/14	167300	836.5	1	24.41	26.00	1.442	-0.19	0.138	0.199
	FR1 N5	20M	BPSK	1	1	DFT-15	Back	15mm	Ant 2	state 13/14	167300	836.5	1	24.41	26.00	1.442	-0.01	0.102	0.147
	FR1 N5	20M	BPSK	50	28	DFT-15	Front	15mm	Ant 2	state 13/14	167300	836.5	1	24.32	26.00	1.472	0.01	0.149	0.219
	FR1 N5	20M	BPSK	50	28	DFT-15	Back	15mm	Ant 2	state 13/14	167300	836.5	1	24.32	26.00	1.472	0.11	0.110	0.162
	1750MHz																		
	LTE Band 66	20M	QPSK	1	0	-	Front	15mm	Ant 1	state 13/14	132072	1720	1	22.45	24.00	1.429	0.08	0.154	0.220
	LTE Band 66	20M	QPSK	1	0	-	Back	15mm	Ant 1	state 13/14	132072	1720	1	22.45	24.00	1.429	0.11	0.188	0.269
	LTE Band 66	20M	QPSK	50	24	-	Front	15mm	Ant 1	state 13/14	132072	1720	1	21.42	23.00	1.439	0.06	0.126	0.181
	LTE Band 66	20M	QPSK	50	24	-	Back	15mm	Ant 1	state 13/14	132072	1720	1	21.42	23.00	1.439	0.14	0.157	0.226
	LTE Band 66	20M	QPSK	1	0	-	Front	15mm	Ant 2	state 13/14	132572	1770	1	24.53	26.00	1.403	0.13	0.055	0.077
	LTE Band 66	20M	QPSK	1	0	-	Back	15mm	Ant 2	state 13/14	132572	1770	1	24.53	26.00	1.403	-0.1	0.065	0.092
	LTE Band 66	20M	QPSK	50	24	-	Front	15mm	Ant 2	state 13/14	132572	1770	1	23.58	25.00	1.387	0.15	0.044	0.061
	LTE Band 66	20M	QPSK	50	24	-	Back	15mm	Ant 2	state 13/14	132572	1770	1	23.58	25.00	1.387	-0.04	0.052	0.072
	LTE Band 66	20M	QPSK	1	0	-	Front	15mm	Ant 11	state 13/14	132572	1770	1	22.88	24.50	1.452	0.08	0.064	0.093
	LTE Band 66	20M	QPSK	1	0	-	Back	15mm	Ant 11	state 13/14	132572	1770	1	22.88	24.50	1.452	-0.06	0.069	0.100
	LTE Band 66	20M	QPSK	50	24	-	Front	15mm	Ant 11	state 13/14	132572	1770	1	21.83	23.50	1.469	-0.05	0.051	0.075
	LTE Band 66	20M	QPSK	50	24	-	Back	15mm	Ant 11	state 13/14	132572	1770	1	21.83	23.50	1.469	-0.05	0.056	0.082
	FR1 N66	40M	BPSK	1	1	DFT-15	Front	15mm	Ant 1	state 13/14	349000	1745	1	22.98	24.00	1.265	0.05	0.165	0.209
	FR1 N66	40M	BPSK	1	1	DFT-15	Back	15mm	Ant 1	state 13/14	349000	1745	1	22.98	24.00	1.265	0.13	0.204	0.258
	FR1 N66	40M	BPSK	108	54	DFT-15	Front	15mm	Ant 1	state 13/14	349000	1745	1	22.94	24.00	1.276	0.08	0.161	0.206
	FR1 N66	40M	BPSK	108	54	DFT-15	Back	15mm	Ant 1	state 13/14	349000	1745	1	22.94	24.00	1.276	0.06	0.197	0.251
	FR1 N66	40M	BPSK	1	1	DFT-15	Front	15mm	Ant 2	state 13/14	349000	1745	1	24.95	26.00	1.274	0.05	0.047	0.060
	FR1 N66	40M	BPSK	1	1	DFT-15	Back	15mm	Ant 2	state 13/14	349000	1745	1	24.95	26.00	1.274	0.12	0.059	0.075
	FR1 N66	40M	BPSK	108	54	DFT-15	Front	15mm	Ant 2	state 13/14	349000	1745	1	24.88	26.00	1.294	0.06	0.045	0.058
	FR1 N66	40M	BPSK	108	54	DFT-15	Back	15mm	Ant 2	state 13/14	349000	1745	1	24.88	26.00	1.294	0.07	0.060	0.078
	1900MHz																		
	LTE Band 2	20M	QPSK	1	49	-	Front	15mm	Ant 1	state 13/14	18900	1880	1	23.38	25.00	1.452	0.05	0.204	0.296
	LTE Band 2	20M	QPSK	1	49	-	Back	15mm	Ant 1	state 13/14	18900	1880	1	23.38	25.00	1.452	0.13	0.246	0.357
	LTE Band 2	20M	QPSK	50	24	-	Front	15mm	Ant 1	state 13/14	18900	1880	1	22.40	24.00	1.445	0.06	0.162	0.234
	LTE Band 2	20M	QPSK	50	24	-	Back	15mm	Ant 1	state 13/14	18900	1880	1	22.40	24.00	1.445	0.08	0.195	0.282
	LTE Band 2	20M	QPSK	1	49	-	Front	15mm	Ant 2	state 13/14	19100	1900	1	24.53	26.00	1.403	0.08	0.067	0.094
	LTE Band 2	20M	QPSK	1	49	-	Back	15mm	Ant 2	state 13/14	19100	1900	1	24.53	26.00	1.403	0.14	0.124	0.174
	LTE Band 2	20M	QPSK	50	24	-	Front	15mm	Ant 2	state 13/14	19100	1900	1	23.55	25.00	1.396	0.02	0.054	0.075
	LTE Band 2	20M	QPSK	50	24	-	Back	15mm	Ant 2	state 13/14	19100	1900	1	23.55	25.00	1.396	0.01	0.098	0.137
	LTE Band 2	20M	QPSK	1	49	-	Front	15mm	Ant 11	state 13/14	19100	1900	1	23.06	24.50	1.393	-0.16	0.099	0.138
	LTE Band 2	20M	QPSK	1	49	-	Back	15mm	Ant 11	state 13/14	19100	1900	1	23.06	24.50	1.393	-0.11	0.067	0.093
	LTE Band 2	20M	QPSK	50	24	-	Front	15mm	Ant 11	state 13/14	19100	1900	1	21.96	23.50	1.426	-0.13	0.081	0.115
	LTE Band 2	20M	QPSK	50	24	-	Back	15mm	Ant 11	state 13/14	19100	1900	1	21.96	23.50	1.426	-0.18	0.052	0.074
	FR1 N2	20M	BPSK	1	1	DFT-15	Front	15mm	Ant 1	state 13/14	376000	1880	1	22.11	23.50	1.377	-0.19	0.120	0.165
	FR1 N2	20M	BPSK	1	1	DFT-15	Back	15mm	Ant 1	state 13/14	376000	1880	1	22.11	23.50	1.377	-0.13	0.133	0.183
	FR1 N2	20M	BPSK	50	28	DFT-15	Front	15mm	Ant 1	state 13/14	376000	1880	1	22.09	23.50	1.384	0.12	0.117	0.162
	FR1 N2	20M	BPSK	50	28	DFT-15	Back	15mm	Ant 1	state 13/14	376000	1880	1	22.09	23.50	1.384	0.06	0.128	0.177
	FR1 N2	20M	BPSK	1	1	DFT-15	Front	15mm	Ant 2	state 13/14	376000	1880	1	24.52	26.00	1.406	-0.04	0.054	0.076
	FR1 N2	20M	BPSK	1	1	DFT-15	Back	15mm	Ant 2	state 13/14	376000	1880	1	24.52	26.00	1.406	-0.13	0.092	0.129
	FR1 N2	20M	BPSK	50	28	DFT-15	Front	15mm	Ant 2	state 13/14	376000	1880	1	24.49	26.00	1.416	0.13	0.057	0.081
	FR1 N2	20M	BPSK	50	28	DFT-15	Back	15mm	Ant 2	state 13/14	376000	1880	1	24.49	26.00	1.416	-0.08	0.096	0.136
	2300MHz																		
	LTE Band 30	10M	QPSK	1	49	-	Front	15mm	Ant1	state 13/14	27710	2310	1	25.84	26.00	1.038	0.03	0.237	0.246
	LTE Band 30	10M	QPSK	1	49	-	Back	15mm	Ant1	state 13/14	27710	2310	1	25.84	26.00	1.038	0.16	0.320	0.332
	LTE Band 30	10M	QPSK	25	25	-	Front	15mm	Ant1	state 13/14	27710	2310	1	24.67	25.00	1.079	0.06	0.202	0.218
	LTE Band 30	10M	QPSK	25	25	-	Back	15mm	Ant1	state 13/14	27710	2310	1	24.67	25.00	1.079	0.08	0.187	0.202

	LTE Band 30	10M	QPSK	1	49	-	Front	15mm	Ant 2	state 13/14	27710	2310	1	22.71	23.00	1.069	0.06	0.138	0.148
	LTE Band 30	10M	QPSK	1	49	-	Back	15mm	Ant 2	state 13/14	27710	2310	1	22.71	23.00	1.069	0.05	0.186	0.199
	LTE Band 30	10M	QPSK	25	25	-	Front	15mm	Ant 2	state 13/14	27710	2310	1	21.18	22.00	1.208	0.15	0.102	0.123
	LTE Band 30	10M	QPSK	25	25	-	Back	15mm	Ant 2	state 13/14	27710	2310	1	21.18	22.00	1.208	0.03	0.138	0.167
2600MHz																			
	LTE Band 7	20M	QPSK	1	99	-	Front	15mm	Ant 1	state 13/14	20850	2510	1	19.38	21.00	1.452	0.19	0.088	0.128
	LTE Band 7	20M	QPSK	1	99	-	Back	15mm	Ant 1	state 13/14	20850	2510	1	19.38	21.00	1.452	-0.09	0.095	0.138
	LTE Band 7	20M	QPSK	50	24	-	Front	15mm	Ant 1	state 13/14	20850	2510	1	18.41	20.00	1.442	-0.04	0.072	0.104
	LTE Band 7	20M	QPSK	50	24	-	Back	15mm	Ant 1	state 13/14	20850	2510	1	18.41	20.00	1.442	0.04	0.079	0.114
	LTE Band 7	20M	QPSK	1	99	-	Front	15mm	Ant 2	state 13/14	20850	2510	1	21.05	22.50	1.396	-0.17	0.089	0.124
	LTE Band 7	20M	QPSK	1	99	-	Back	15mm	Ant 2	state 13/14	20850	2510	1	21.05	22.50	1.396	0.04	0.205	0.286
	LTE Band 7	20M	QPSK	50	24	-	Front	15mm	Ant 2	state 13/14	20850	2510	1	20.09	21.50	1.384	0.14	0.072	0.100
	LTE Band 7	20M	QPSK	50	24	-	Back	15mm	Ant 2	state 13/14	20850	2510	1	20.09	21.50	1.384	-0.08	0.168	0.232
	LTE Band 7	20M	QPSK	1	99	-	Front	15mm	Ant 11	state 13/14	21350	2560	1	23.05	24.50	1.396	-	n/a	n/a
	LTE Band 7	20M	QPSK	1	99	-	Back	15mm	Ant 11	state 13/14	21350	2560	1	23.05	24.50	1.396	0.13	0.077	0.108
	LTE Band 7	20M	QPSK	50	24	-	Front	15mm	Ant 11	state 13/14	21350	2560	1	22.10	23.50	1.380	-	n/a	n/a
	LTE Band 7	20M	QPSK	50	24	-	Back	15mm	Ant 11	state 13/14	21350	2560	1	22.10	23.50	1.380	-0.12	0.056	0.077
	LTE Band 41	20M	QPSK	1	49	-	Front	15mm	Ant 1	state 13/14	41490	2680	1	22.99	24.00	1.262	0.15	0.096	0.121
	LTE Band 41	20M	QPSK	1	49	-	Back	15mm	Ant 1	state 13/14	41490	2680	1	22.99	24.00	1.262	-0.08	0.107	0.135
	LTE Band 41	20M	QPSK	50	24	-	Front	15mm	Ant 1	state 13/14	41490	2680	1	21.96	23.00	1.271	0.12	0.078	0.099
	LTE Band 41	20M	QPSK	50	24	-	Back	15mm	Ant 1	state 13/14	41490	2680	1	21.96	23.00	1.271	0.08	0.092	0.117
	LTE Band 41	20M	QPSK	1	49	-	Front	15mm	Ant 2	state 13/14	41490	2680	1	25.24	26.00	1.191	0.04	0.185	0.220
	LTE Band 41	20M	QPSK	1	49	-	Back	15mm	Ant 2	state 13/14	41490	2680	1	25.24	26.00	1.191	-0.06	0.319	0.380
	LTE Band 41	20M	QPSK	50	24	-	Front	15mm	Ant 2	state 13/14	41490	2680	1	24.26	25.00	1.186	0.11	0.144	0.171
	LTE Band 41	20M	QPSK	50	24	-	Back	15mm	Ant 2	state 13/14	41490	2680	1	24.26	25.00	1.186	0.09	0.259	0.307
	FR1 N7	40M	BPSK	1	1	DFT-15	Front	15mm	Ant 1	state 13/14	507000	2535	1	20.08	21.50	1.387	0.06	0.072	0.100
	FR1 N7	40M	BPSK	1	1	DFT-15	Back	15mm	Ant 1	state 13/14	507000	2535	1	20.08	21.50	1.387	-0.12	0.118	0.164
	FR1 N7	40M	BPSK	108	54	DFT-15	Front	15mm	Ant 1	state 13/14	507000	2535	1	20.05	21.50	1.396	0.03	0.070	0.098
	FR1 N7	40M	BPSK	108	54	DFT-15	Back	15mm	Ant 1	state 13/14	507000	2535	1	20.05	21.50	1.396	-0.14	0.115	0.161
	FR1 N7	40M	BPSK	1	1	DFT-15	Front	15mm	Ant 2	state 13/14	507000	2535	1	23.12	24.50	1.374	-0.03	0.161	0.221
	FR1 N7	40M	BPSK	1	1	DFT-15	Back	15mm	Ant 2	state 13/14	507000	2535	1	23.12	24.50	1.374	-0.05	0.278	0.382
	FR1 N7	40M	BPSK	108	54	DFT-15	Front	15mm	Ant 2	state 13/14	507000	2535	1	23.11	24.50	1.377	0.16	0.167	0.230
	FR1 N7	40M	BPSK	108	54	DFT-15	Back	15mm	Ant 2	state 13/14	507000	2535	1	23.11	24.50	1.377	-0.18	0.285	0.393
3900MHz																			
	FR1 N77	100M	BPSK	1	1	DFT-30	Front	15mm	Ant 7	state 13/14	656000	3840	1	24.85	26.00	1.303	0.06	0.070	0.091
	FR1 N77	100M	BPSK	1	1	DFT-30	Back	15mm	Ant 7	state 13/14	656000	3840	1	24.85	26.00	1.303	0.13	0.232	0.302
	FR1 N77	100M	BPSK	135	69	DFT-30	Front	15mm	Ant 7	state 13/14	656000	3840	1	24.83	26.00	1.309	0.08	0.068	0.089
	FR1 N77	100M	BPSK	135	69	DFT-30	Back	15mm	Ant 7	state 13/14	656000	3840	1	24.83	26.00	1.309	0.05	0.229	0.300
	FR1 N77	100M	BPSK	1	1	DFT-30	Front	15mm	Ant 8	state 13/14	656000	3840	1	21.42	22.50	1.282	-0.04	0.211	0.271
	FR1 N77	100M	BPSK	1	1	DFT-30	Back	15mm	Ant 8	state 13/14	656000	3840	1	21.42	22.50	1.282	0.02	0.127	0.163
	FR1 N77	100M	BPSK	135	69	DFT-30	Front	15mm	Ant 8	state 13/14	656000	3840	1	21.40	22.50	1.288	-0.08	0.215	0.277
	FR1 N77	100M	BPSK	135	69	DFT-30	Back	15mm	Ant 8	state 13/14	656000	3840	1	21.40	22.50	1.288	0.03	0.130	0.167
	FR1 N77	100M	BPSK	1	1	DFT-30	Front	15mm	Ant 9	state 13/14	656000	3840	1	14.00	15.00	1.259	-	n/a	n/a
	FR1 N77	100M	BPSK	1	1	DFT-30	Back	15mm	Ant 9	state 13/14	656000	3840	1	14.00	15.00	1.259	0.07	0.254	0.320
	FR1 N77	100M	BPSK	135	69	DFT-30	Front	15mm	Ant 9	state 13/14	656000	3840	1	13.99	15.00	1.262	-	n/a	n/a
	FR1 N77	100M	BPSK	135	69	DFT-30	Back	15mm	Ant 9	state 13/14	656000	3840	1	13.99	15.00	1.262	-0.07	0.263	0.332
	FR1 N77	100M	BPSK	1	1	DFT-30	Front	15mm	Ant 10	state 13/14	656000	3840	1	19.95	21.00	1.274	-	n/a	n/a
	FR1 N77	100M	BPSK	1	1	DFT-30	Back	15mm	Ant 10	state 13/14	656000	3840	1	19.95	21.00	1.274	-0.08	0.162	0.206
	FR1 N77	100M	BPSK	135	69	DFT-30	Front	15mm	Ant 10	state 13/14	656000	3840	1	19.93	21.00	1.279	-	n/a	n/a
	FR1 N77	100M	BPSK	135	69	DFT-30	Back	15mm	Ant 10	state 13/14	656000	3840	1	19.93	21.00	1.279	-0.01	0.168	0.215

<UL-MIMO SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
2600MHz																		
	UL-MIMO FR1 N41(HPUE)	100M	BPSK	1	1	Front	15mm	Ant 1	state 13/14	518598	2592.99	1	20.74	22.00	1.337	0.06	0.141	0.188
	UL-MIMO FR1 N41(HPUE)	100M	BPSK	1	1	Back	15mm	Ant 1	state 13/14	518598	2592.99	1	20.74	22.00	1.337	0.08	0.155	0.207
	UL-MIMO FR1 N41(HPUE)	100M	BPSK	135	69	Front	15mm	Ant 1	state 13/14	518598	2592.99	1	20.72	22.00	1.343	0.13	0.142	0.191
	UL-MIMO FR1 N41(HPUE)	100M	BPSK	135	69	Back	15mm	Ant 1	state 13/14	518598	2592.99	1	20.72	22.00	1.343	0.06	0.152	0.204
	UL-MIMO FR1 N41(HPUE)	100M	BPSK	1	1	Front	15mm	Ant 2	state 13/14	518598	2592.99	1	21.61	23.00	1.377	-0.07	0.102	0.140
	UL-MIMO FR1 N41(HPUE)	100M	BPSK	1	1	Back	15mm	Ant 2	state 13/14	518598	2592.99	1	21.61	23.00	1.377	0.13	0.173	0.238
	UL-MIMO FR1 N41(HPUE)	100M	BPSK	135	69	Front	15mm	Ant 2	state 13/14	518598	2592.99	1	21.59	23.00	1.384	0.12	0.105	0.145
	UL-MIMO FR1 N41(HPUE)	100M	BPSK	135	69	Back	15mm	Ant 2	state 13/14	518598	2592.99	1	21.59	23.00	1.384	-0.02	0.175	0.242
	UL-MIMO FR1 N41(HPUE)	100M	BPSK	1	1	Front	15mm	Ant 7	state 13/14	518598	2592.99	1	22.62	24.50	1.542	0.03	0.122	0.188
	UL-MIMO FR1 N41(HPUE)	100M	BPSK	1	1	Back	15mm	Ant 7	state 13/14	518598	2592.99	1	22.62	24.50	1.542	-0.05	0.148	0.228
	UL-MIMO FR1 N41(HPUE)	100M	BPSK	135	69	Front	15mm	Ant 7	state 13/14	518598	2592.99	1	22.60	24.50	1.549	0.13	0.125	0.194
	UL-MIMO FR1 N41(HPUE)	100M	BPSK	135	69	Back	15mm	Ant 7	state 13/14	518598	2592.99	1	22.60	24.50	1.549	0	0.151	0.234
	UL-MIMO FR1 N41(HPUE)	100M	BPSK	1	1	Front	15mm	Ant 8	state 13/14	518598	2592.99	1	22.62	24.50	1.542	-0.08	0.066	0.102
	UL-MIMO FR1 N41(HPUE)	100M	BPSK	1	1	Back	15mm	Ant 8	state 13/14	518598	2592.99	1	22.62	24.50	1.542	0.02	0.070	0.108
	UL-MIMO FR1 N41(HPUE)	100M	BPSK	135	69	Front	15mm	Ant 8	state 13/14	518598	2592.99	1	22.60	24.50	1.549	0.09	0.068	0.105
	UL-MIMO FR1 N41(HPUE)	100M	BPSK	135	69	Back	15mm	Ant 8	state 13/14	518598	2592.99	1	22.60	24.50	1.549	0.03	0.071	0.110
3900MHz																		
	UL-MIMO FR1 N77(HPUE)	100M	BPSK	1	1	Front	15mm	Ant 7	state 13/14	656000	3840	1	23.13	24.50	1.371	0.03	0.110	0.151
	UL-MIMO FR1 N77(HPUE)	100M	BPSK	1	1	Back	15mm	Ant 7	state 13/14	656000	3840	1	23.13	24.50	1.371	0.12	0.269	0.369
	UL-MIMO FR1 N77(HPUE)	100M	BPSK	135	69	Front	15mm	Ant 7	state 13/14	656000	3840	1	23.07	24.50	1.390	0.06	0.109	0.152
	UL-MIMO FR1 N77(HPUE)	100M	BPSK	135	69	Back	15mm	Ant 7	state 13/14	656000	3840	1	23.07	24.50	1.390	0.14	0.244	0.339
	UL-MIMO FR1 N77(HPUE)	100M	BPSK	1	1	Front	15mm	Ant 8	state 13/14	656000	3840	1	21.34	22.50	1.306	-0.02	0.215	0.281
	UL-MIMO FR1 N77(HPUE)	100M	BPSK	1	1	Back	15mm	Ant 8	state 13/14	656000	3840	1	21.34	22.50	1.306	-0.11	0.187	0.244
	UL-MIMO FR1 N77(HPUE)	100M	BPSK	135	69	Front	15mm	Ant 8	state 13/14	656000	3840	1	21.32	22.50	1.312	0.1	0.212	0.278
	UL-MIMO FR1 N77(HPUE)	100M	BPSK	135	69	Back	15mm	Ant 8	state 13/14	656000	3840	1	21.32	22.50	1.312	0.05	0.185	0.243
	UL-MIMO FR1 N77(HPUE)	100M	BPSK	1	1	Front	15mm	Ant 9	state 13/14	656000	3840	1	14.00	15.00	1.259	-	n/a	n/a
	UL-MIMO FR1 N77(HPUE)	100M	BPSK	1	1	Back	15mm	Ant 9	state 13/14	656000	3840	1	14.00	15.00	1.259	-0.16	0.214	0.269
	UL-MIMO FR1 N77(HPUE)	100M	BPSK	135	69	Front	15mm	Ant 9	state 13/14	656000	3840	1	13.99	15.00	1.262	-	n/a	n/a
	UL-MIMO FR1 N77(HPUE)	100M	BPSK	135	69	Back	15mm	Ant 9	state 13/14	656000	3840	1	13.99	15.00	1.262	-0.06	0.217	0.274
	UL-MIMO FR1 N77(HPUE)	100M	BPSK	1	1	Front	15mm	Ant 10	state 13/14	656000	3840	1	13.56	15.00	1.393	0.05	0.058	0.081
	UL-MIMO FR1 N77(HPUE)	100M	BPSK	1	1	Back	15mm	Ant 10	state 13/14	656000	3840	1	13.56	15.00	1.393	0.11	0.103	0.143
	UL-MIMO FR1 N77(HPUE)	100M	BPSK	135	69	Front	15mm	Ant 10	state 13/14	656000	3840	1	13.55	15.00	1.396	0.02	0.061	0.085
	UL-MIMO FR1 N77(HPUE)	100M	BPSK	135	69	Back	15mm	Ant 10	state 13/14	656000	3840	1	13.55	15.00	1.396	0.08	0.107	0.149

14.4 Product specific 10g SAR

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
835MHz																					
	GSM 850	-	-	-	-	GPRS (2 Tx slots)	Back	0mm	Ant 0	state 13	251	848.8	1	32.83	34.00	1.309	-	-	0.03	2.210	2.893
93	GSM 850	-	-	-	-	GPRS (2 Tx slots)	Back	0mm	Ant 0	state 13	128	824.2	1	32.76	34.00	1.330	-	-	-0.02	2.190	**2.914**
	GSM 850	-	-	-	-	GPRS (2 Tx slots)	Back	0mm	Ant 0	state 13	189	836.4	1	32.45	34.00	1.429	-	-	-0.11	2.030	2.901
	GSM 850	-	-	-	-	GPRS (2 Tx slots)	Back	0mm	Ant 0	state 14	251	848.8	1	31.22	32.50	1.343	-	-	0.16	1.430	1.920
1750MHz																					
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	state 13/14	132572	1770	1	23.43	25.00	1.435	-	-	-0.03	1.670	2.397
94	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	state 13/14	132072	1720	1	23.31	25.00	1.476	-	-	-0.09	2.140	**3.158**
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	state 13/14	132322	1745	1	23.36	25.00	1.459	-	-	-0.11	1.830	2.670
	LTE Band 66C	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	state 13/14	132072+ 132270	1720+ 1739.8	1	23.42	25.00	1.439	-	-	0.08	1.980	2.849
	LTE Band 66	20M	QPSK	50	24	-	Bottom Side	0mm	Ant 1	state 13/14	132572	1770	1	22.41	24.00	1.442	-	-	0.15	1.360	1.961
	LTE Band 66	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 1	state 13/14	132572	1770	1	22.40	24.00	1.445	-	-	0.06	1.330	1.922
95	FR1 N66	40M	BPSK	1	1	DFT-15	Bottom Side	0mm	Ant 1	state 13/14	349000	1745	1	24.95	26.00	1.274	-	-	0.13	2.470	**3.146**
	FR1 N66	40M	BPSK	108	54	DFT-15	Bottom Side	0mm	Ant 1	state 13/14	349000	1745	1	24.88	26.00	1.294	-	-	0.02	2.390	3.093
	FR1 N66	40M	BPSK	216	0	DFT-15	Bottom Side	0mm	Ant 1	state 13/14	349000	1745	1	24.90	25.50	1.148	-	-	0.05	2.270	2.606
1900MHz																					
96	GSM1900	-	-	-	-	GPRS (2 Tx slots)	Bottom Side	0mm	Ant 1	state 13/14	810	1909.8	1	29.89	31.00	1.291	-	-	0.14	0.902	**1.165**
97	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 1	state 13/14	9538	1907.6	1	25.19	25.50	1.074	-	-	0.01	1.620	**1.740**
	LTE Band 25	20M	QPSK	1	49	-	Bottom Side	0mm	Ant 1	state 13/14	26590	1905	1	24.54	26.00	1.400	-	-	0.05	1.710	2.393
98	LTE Band 25	20M	QPSK	1	49	-	Bottom Side	0mm	Ant 1	state 13/14	26140	1860	1	24.46	26.00	1.426	-	-	0.15	1.790	**2.552**
	LTE Band 25	20M	QPSK	1	49	-	Bottom Side	0mm	Ant 1	state 13/14	26340	1880	1	24.51	26.00	1.409	-	-	0.13	1.690	2.382
	LTE Band 2C	20M	QPSK	1	49	-	Bottom Side	0mm	Ant 1	state 13/14	18900+ 19098	1880+ 1899.8	1	24.48	26.00	1.419	-	-	0.08	1.740	2.469
	LTE Band 25	20M	QPSK	50	24	-	Bottom Side	0mm	Ant 1	state 13/14	26590	1905	1	23.63	25.00	1.371	-	-	0.07	1.460	2.001
	LTE Band 25	20M	QPSK	50	24	-	Bottom Side	0mm	Ant 1	state 13/14	26140	1860	1	23.53	25.00	1.403	-	-	0.13	1.520	2.132
	LTE Band 25	20M	QPSK	50	24	-	Bottom Side	0mm	Ant 1	state 13/14	26340	1880	1	23.61	25.00	1.377	-	-	0.11	1.430	1.969
	LTE Band 25	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 1	state 13/14	26590	1905	1	23.60	25.00	1.380	-	-	0.02	1.430	1.974
2600MHz																					
99	LTE Band 7	20M	QPSK	1	99	-	Bottom Side	0mm	Ant 1	state 13/14	20850	2510	1	21.33	23.00	1.469	-	-	0.14	2.020	**2.967**
	LTE Band 7	20M	QPSK	1	99	-	Bottom Side	0mm	Ant 1	state 13/14	21100	2535	1	21.32	23.00	1.472	-	-	0.02	1.850	2.724
	LTE Band 7	20M	QPSK	1	99	-	Bottom Side	0mm	Ant 1	state 13/14	21350	2560	1	21.32	23.00	1.472	-	-	0.13	1.760	2.591
	LTE Band 7C	20M	QPSK	1	99	-	Bottom Side	0mm	Ant 1	state 13/14	20850 21048	2510 2529.8	1	21.31	23.00	1.476	-	-	0.06	2.000	2.951
	LTE Band 7	20M	QPSK	50	24	-	Bottom Side	0mm	Ant 1	state 13/14	20850	2510	1	20.39	22.00	1.449	-	-	0.04	1.610	2.333
	LTE Band 7	20M	QPSK	50	24	-	Bottom Side	0mm	Ant 1	state 13/14	21100	2535	1	20.35	22.00	1.462	-	-	0.15	1.570	2.296
	LTE Band 7	20M	QPSK	50	24	-	Bottom Side	0mm	Ant 1	state 13/14	21350	2560	1	20.33	22.00	1.469	-	-	0.06	1.500	2.203
	LTE Band 7	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 1	state 13/14	20850	2510	1	20.39	22.00	1.449	-	-	0.11	1.600	2.318
	LTE Band 41	20M	QPSK	1	49	-	Bottom Side	0mm	Ant 1	state 13/14	41490	2680	1	25.24	26.00	1.191	62.9	1.006	-0.16	2.350	2.816
100	LTE Band 41	20M	QPSK	1	49	-	Bottom Side	0mm	Ant 1	state 13/14	39750	2506	1	24.82	26.00	1.312	62.9	1.006	0.01	2.280	**3.010**
	LTE Band 41	20M	QPSK	1	49	-	Bottom Side	0mm	Ant 1	state 13/14	39750	2506	1	25.33	27.00	1.469	42.9	1.009	0.01	1.920	2.846
	LTE Band 41	20M	QPSK	1	49	-	Bottom Side	0mm	Ant 1	state 13/14	40185	2549.5	1	24.97	26.00	1.268	62.9	1.006	-0.17	2.110	2.691
	LTE Band 41	20M	QPSK	1	49	-	Bottom Side	0mm	Ant 1	state 13/14	40620	2593	1	25.12	26.00	1.225	62.9	1.006	-0.17	2.000	2.464
	LTE Band 41	20M	QPSK	1	49	-	Bottom Side	0mm	Ant 1	state 13/14	41055	2636.5	1	25.23	26.00	1.194	62.9	1.006	0.02	1.900	2.282
	LTE Band 41C	20M	QPSK	1	49	-	Bottom Side	0mm	Ant 1	state 13/14	39750+ 39948	2506+ 2525.8	1	25.09	26.00	1.233	62.9	1.006	0.09	2.030	2.518
	LTE Band 41C(HPUE)	20M	QPSK	1	49	-	Bottom Side	0mm	Ant 1	state 13/14	39750+ 39948	2506+ 2525.8	1	25.72	27.00	1.343	42.9	1.009	0.09	2.030	2.750
	LTE Band 41	20M	QPSK	50	24	-	Bottom Side	0mm	Ant 1	state 13/14	41490	2680	1	24.26	25.00	1.186	62.9	1.006	0.05	1.920	2.290
	LTE Band 41	20M	QPSK	50	24	-	Bottom Side	0mm	Ant 1	state 13/14	39750	2506	1	23.91	25.00	1.285	62.9	1.006	0.13	1.810	2.340
	LTE Band 41	20M	QPSK	50	24	-	Bottom Side	0mm	Ant 1	state 13/14	40185	2549.5	1	23.99	25.00	1.262	62.9	1.006	-0.15	1.680	2.133
	LTE Band 41	20M	QPSK	50	24	-	Bottom Side	0mm	Ant 1	state 13/14	40620	2593	1	24.22	25.00	1.197	62.9	1.006	-0.01	1.610	1.938
	LTE Band 41	20M	QPSK	50	24	-	Bottom Side	0mm	Ant 1	state 13/14	41055	2636.5	1	24.23	25.00	1.194	62.9	1.006	-0.02	1.570	1.886

	LTE Band 41	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 1	state 13/14	41490	2680	1	24.21	25.00	1.199	62.9	1.006	-0.17	1.880	2.269
	FR1 N7	40M	BPSK	1	1	DFT-15	Bottom Side	0mm	Ant 1	state 13/14	507000	2535	1	22.13	23.50	1.371	-	-	0.11	2.200	3.016
101	FR1 N7	40M	BPSK	108	54	DFT-15	Bottom Side	0mm	Ant 1	state 13/14	507000	2535	1	22.10	23.50	1.380	-	-	0.06	2.300	**3.175**
	FR1 N7	40M	BPSK	216	0	DFT-15	Bottom Side	0mm	Ant 1	state 13/14	507000	2535	1	22.08	23.50	1.387	-	-	0.03	2.150	2.982
	FR1 N7	40M	BPSK	1	1	DFT-15	Back	0mm	Ant 2	state 13	507000	2535	1	24.64	26.00	1.368	-	-	-0.17	2.320	3.173
	FR1 N7	40M	BPSK	1	1	DFT-15	Left Side	0mm	Ant 2	state 13	507000	2535	1	24.64	26.00	1.368	-	-	0.14	2.270	3.105
	FR1 N7	40M	BPSK	108	54	DFT-15	Back	0mm	Ant 2	state 13	507000	2535	1	24.62	26.00	1.374	-	-	0.06	2.280	3.133
	FR1 N7	40M	BPSK	108	54	DFT-15	Left Side	0mm	Ant 2	state 13	507000	2535	1	24.62	26.00	1.374	-	-	0.12	2.150	2.954
	FR1 N7	40M	BPSK	216	0	DFT-15	Back	0mm	Ant 2	state 13	507000	2535	1	24.59	25.50	1.233	-	-	0.03	2.220	2.737
	FR1 N7	40M	BPSK	216	0	DFT-15	Left Side	0mm	Ant 2	state 13	507000	2535	1	24.59	25.50	1.233	-	-	0.18	2.130	2.627
	FR1 N7	40M	BPSK	1	1	DFT-15	Back	0mm	Ant 2	state 14	507000	2535	1	22.60	24.00	1.380	-	-	-0.11	1.380	1.905
	FR1 N7	40M	BPSK	1	1	DFT-15	Left Side	0mm	Ant 2	state 14	507000	2535	1	22.60	24.00	1.380	-	-	0.19	1.220	1.684
	FR1 N7	40M	BPSK	108	54	DFT-15	Back	0mm	Ant 2	state 14	507000	2535	1	22.58	24.00	1.387	-	-	-0.04	1.340	1.858
	FR1 N7	40M	BPSK	108	54	DFT-15	Left Side	0mm	Ant 2	state 14	507000	2535	1	22.58	24.00	1.387	-	-	0.05	1.200	1.664
102	FR1 N38	40M	BPSK	1	1	DFT-30	Bottom Side	0mm	Ant 1	state 13/14	519000	2595	1	22.30	23.50	1.318	-	-	0.07	2.410	**3.177**
	FR1 N38	40M	BPSK	1	1	DFT-30	Bottom Side	0mm	Ant 1	state 13/14	519000	2595	2	22.30	23.50	1.318	-	-	0.02	2.330	3.072
	FR1 N38	40M	BPSK	50	28	DFT-30	Bottom Side	0mm	Ant 1	state 13/14	519000	2595	1	22.28	23.50	1.324	-	-	0.05	2.380	3.152
	FR1 N38	40M	BPSK	100	0	DFT-30	Bottom Side	0mm	Ant 1	state 13/14	519000	2595	1	22.25	23.50	1.334	-	-	0.11	2.330	3.107
	FR1 N38	40M	BPSK	1	1	DFT-30	Back	0mm	Ant 2	state 13	519000	2595	1	23.82	25.00	1.312	-	-	0.05	2.190	2.874
	FR1 N38	40M	BPSK	1	1	DFT-30	Left Side	0mm	Ant 2	state 13	519000	2595	1	23.82	25.00	1.312	-	-	0.11	1.850	2.428
	FR1 N38	40M	BPSK	50	28	DFT-30	Back	0mm	Ant 2	state 13	519000	2595	1	23.80	25.00	1.318	-	-	-0.11	2.240	2.953
	FR1 N38	40M	BPSK	50	28	DFT-30	Left Side	0mm	Ant 2	state 13	519000	2595	1	23.80	25.00	1.318	-	-	0.03	1.920	2.531
	FR1 N38	40M	BPSK	100	0	DFT-30	Back	0mm	Ant 2	state 13	519000	2595	1	23.77	25.00	1.327	-	-	-0.04	2.120	2.814
	FR1 N38	40M	BPSK	100	0	DFT-30	Left Side	0mm	Ant 2	state 13	519000	2595	1	23.77	25.00	1.327	-	-	0.11	1.870	2.482
	FR1 N38	40M	BPSK	1	1	DFT-30	Back	0mm	Ant 2	state 14	519000	2595	1	21.80	23.00	1.318	-	-	-0.07	1.350	1.780
	FR1 N38	40M	BPSK	1	1	DFT-30	Left Side	0mm	Ant 2	state 14	519000	2595	1	21.80	23.00	1.318	-	-	0.05	1.120	1.476
	FR1 N38	40M	BPSK	50	28	DFT-30	Back	0mm	Ant 2	state 14	519000	2595	1	21.78	23.00	1.324	-	-	-0.09	1.390	1.841
	FR1 N38	40M	BPSK	50	28	DFT-30	Left Side	0mm	Ant 2	state 14	519000	2595	1	21.78	23.00	1.324	-	-	0.17	1.160	1.536
3000MHz-4000MHz																					
103	FR1 N77(HPUE)	100M	BPSK	1	1	DFT-30	Left Side	0mm	Ant 8	state 13/14	656000	3840	1	22.92	24.00	1.282	-	-	0.19	2.260	**2.898**
	FR1 N77(HPUE)	100M	BPSK	135	69	DFT-30	Left Side	0mm	Ant 8	state 13/14	656000	3840	1	22.90	24.00	1.288	-	-	0.18	2.180	2.808
	FR1 N77(HPUE)	100M	BPSK	270	0	DFT-30	Left Side	0mm	Ant 8	state 13/14	656000	3840	1	22.89	24.00	1.291	-	-	0.08	2.210	2.854

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
5000MHz																	
Normal																	
	WLAN 5.3GHz	802.11a 6Mbps	Front	0mm	Ant 4	Full Power	52	5260	1	18.10	20.10	1.585	98.3	1.017	-0.02	0.493	0.795
	WLAN 5.3GHz	802.11a 6Mbps	Back	0mm	Ant 4	Full Power	52	5260	1	18.10	20.10	1.585	98.3	1.017	-0.1	0.203	0.327
	WLAN 5.3GHz	802.11a 6Mbps	Right Side	0mm	Ant 4	Full Power	52	5260	1	18.10	20.10	1.585	98.3	1.017	-0.06	0.099	0.160
	WLAN 5.3GHz	802.11a 6Mbps	Top Side	0mm	Ant 4	Full Power	52	5260	1	18.10	20.10	1.585	98.3	1.017	0.16	0.220	0.355
	WLAN 5.3GHz	802.11a 6Mbps	Front	0mm	Ant 5	Full Power	52	5260	1	18.30	20.30	1.585	98.3	1.017	0.08	0.560	0.903
	WLAN 5.3GHz	802.11a 6Mbps	Back	0mm	Ant 5	Full Power	52	5260	1	18.30	20.30	1.585	98.3	1.017	0.11	0.217	0.350
	WLAN 5.3GHz	802.11a 6Mbps	Right Side	0mm	Ant 5	Full Power	52	5260	1	18.30	20.30	1.585	98.3	1.017	-0.14	1.470	2.369
104	WLAN 5.3GHz	802.11a 6Mbps	Right Side	0mm	Ant 5	Full Power	56	5280	1	18.20	20.20	1.585	98.3	1.017	0.11	1.780	**2.869**
	WLAN 5.3GHz	802.11a 6Mbps	Front	0mm	Ant 4+5	Full Power	52	5260	1	21.21	23.21	1.585	98.3	1.017	0.14	0.559	0.901
	WLAN 5.3GHz	802.11a 6Mbps	Back	0mm	Ant 4+5	Full Power	52	5260	1	21.21	23.21	1.585	98.3	1.017	-0.06	0.225	0.363
	WLAN 5.3GHz	802.11a 6Mbps	Right Side	0mm	Ant 4+5	Full Power	52	5260	1	21.21	23.21	1.585	98.3	1.017	0.05	1.380	2.224
	WLAN 5.3GHz	802.11a 6Mbps	Top Side	0mm	Ant 4+5	Full Power	52	5260	1	21.21	23.21	1.585	98.3	1.017	0.19	0.231	0.372
	WLAN 5.3GHz	802.11a 6Mbps	Right Side	0mm	Ant 4+5	Full Power	56	5280	1	21.16	23.16	1.585	98.3	1.017	-0.03	1.420	2.289
Camera																	
	WLAN 5.3GHz	802.11a 6Mbps	Front	0mm	Ant 5	Full Power	52	5260	1	18.40	20.40	1.585	98.3	1.017	0.01	0.560	0.903
	WLAN 5.3GHz	802.11a 6Mbps	Back	0mm	Ant 5	Full Power	52	5260	1	18.40	20.40	1.585	98.3	1.017	0.09	0.217	0.350
	WLAN 5.3GHz	802.11a 6Mbps	Right Side	0mm	Ant 5	Full Power	52	5260	1	18.40	20.40	1.585	98.3	1.017	-0.1	1.470	2.369
	WLAN 5.3GHz	802.11a 6Mbps	Right Side	0mm	Ant 5	Full Power	56	5280	1	18.30	20.30	1.585	98.3	1.017	0.18	1.780	2.869

	WLAN 5.3GHz	802.11a 6Mbps	Front	0mm	Ant 6	Full Power	52	5260	1	16.50	18.50	1.585	98.3	1.017	0.19	0.065	0.105
	WLAN 5.3GHz	802.11a 6Mbps	Back	0mm	Ant 6	Full Power	52	5260	1	16.50	18.50	1.585	98.3	1.017	0.13	1.160	1.870
	WLAN 5.3GHz	802.11a 6Mbps	Left Side	0mm	Ant 6	Full Power	52	5260	1	16.50	18.50	1.585	98.3	1.017	0.13	0.343	0.553
	WLAN 5.3GHz	802.11a 6Mbps	Top Side	0mm	Ant 6	Full Power	52	5260	1	16.50	18.50	1.585	98.3	1.017	-0.03	0.140	0.226
	WLAN 5.3GHz	802.11a 6Mbps	Front	0mm	Ant 5+6	Full Power	52	5260	1	20.56	22.56	1.585	98.3	1.017	0.15	0.544	0.877
	WLAN 5.3GHz	802.11a 6Mbps	Back	0mm	Ant 5+6	Full Power	52	5260	1	20.56	22.56	1.585	98.3	1.017	0.18	0.957	1.543
	WLAN 5.3GHz	802.11a 6Mbps	Left Side	0mm	Ant 5+6	Full Power	52	5260	1	20.56	22.56	1.585	98.3	1.017	-0.18	0.347	0.559
	WLAN 5.3GHz	802.11a 6Mbps	Right Side	0mm	Ant 5+6	Full Power	52	5260	1	20.56	22.56	1.585	98.3	1.017	-0.18	1.450	2.337
	WLAN 5.3GHz	802.11a 6Mbps	Top Side	0mm	Ant 5+6	Full Power	52	5260	1	20.56	22.56	1.585	98.3	1.017	0.15	0.143	0.230
	WLAN 5.3GHz	802.11a 6Mbps	Right Side	0mm	Ant 5+6	Full Power	56	5280	1	20.51	22.51	1.585	98.3	1.017	-0.13	1.500	2.418
	WLAN 5.3GHz	802.11a 6Mbps	Front	0mm	Ant 5+6	Rec off(Sim TX)	52	5260	1	19.07	21.07	1.585	98.3	1.017	0.16	0.354	0.571
	WLAN 5.3GHz	802.11a 6Mbps	Back	0mm	Ant 5+6	Rec off(Sim TX)	52	5260	1	19.07	21.07	1.585	98.3	1.017	0.02	0.663	1.069
	WLAN 5.3GHz	802.11a 6Mbps	Left Side	0mm	Ant 5+6	Rec off(Sim TX)	52	5260	1	19.07	21.07	1.585	98.3	1.017	-0.07	0.207	0.334
	WLAN 5.3GHz	802.11a 6Mbps	Right Side	0mm	Ant 5+6	Rec off(Sim TX)	52	5260	1	19.07	21.07	1.585	98.3	1.017	-0.05	1.240	1.999
	WLAN 5.3GHz	802.11a 6Mbps	Top Side	0mm	Ant 5+6	Rec off(Sim TX)	52	5260	1	19.07	21.07	1.585	98.3	1.017	0.01	0.086	0.139
Normal																		
	WLAN 5.5GHz	802.11a 6Mbps	Front	0mm	Ant 4	Full Power	100	5500	1	17.80	19.80	1.585	98.3	1.017	0.07	0.732	1.180
	WLAN 5.5GHz	802.11a 6Mbps	Back	0mm	Ant 4	Full Power	100	5500	1	17.80	19.80	1.585	98.3	1.017	-0.17	0.241	0.388
	WLAN 5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 4	Full Power	100	5500	1	17.80	19.80	1.585	98.3	1.017	0.02	0.149	0.240
	WLAN 5.5GHz	802.11a 6Mbps	Top Side	0mm	Ant 4	Full Power	100	5500	1	17.80	19.80	1.585	98.3	1.017	0.06	0.411	0.662
	WLAN 5.5GHz	802.11a 6Mbps	Front	0mm	Ant 5	Rec off	140	5700	1	17.15	19.15	1.585	98.3	1.017	0.15	0.583	0.940
	WLAN 5.5GHz	802.11a 6Mbps	Back	0mm	Ant 5	Rec off	140	5700	1	17.15	19.15	1.585	98.3	1.017	0.07	0.198	0.319
	WLAN 5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 5	Rec off	140	5700	1	17.15	19.15	1.585	98.3	1.017	0.18	1.910	3.079
	WLAN 5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 5	Rec off	100	5500	1	17.13	19.13	1.585	98.3	1.017	-0.09	1.030	1.660
	WLAN 5.5GHz	802.11a 6Mbps	Front	0mm	Ant 4+5	Full Power	100	5500	1	20.91	22.91	1.585	98.3	1.017	-0.14	0.703	1.133
	WLAN 5.5GHz	802.11a 6Mbps	Back	0mm	Ant 4+5	Full Power	100	5500	1	20.91	22.91	1.585	98.3	1.017	0.09	0.258	0.416
	WLAN 5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 4+5	Full Power	100	5500	1	20.91	22.91	1.585	98.3	1.017	-0.11	1.880	3.030
	WLAN 5.5GHz	802.11a 6Mbps	Top Side	0mm	Ant 4+5	Full Power	100	5500	1	20.91	22.91	1.585	98.3	1.017	-0.15	0.365	0.588
	WLAN 5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 4+5	Full Power	140	5700	1	20.78	22.78	1.585	98.3	1.017	0.11	1.880	3.030
	WLAN 5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 4+5	Full Power	116	5580	1	20.76	22.76	1.585	98.3	1.017	0.04	1.690	2.724
Camera																		
	WLAN 5.5GHz	802.11a 6Mbps	Front	0mm	Ant 5	Rec off	140	5700	1	17.15	19.15	1.585	98.3	1.017	0.15	0.583	0.940
	WLAN 5.5GHz	802.11a 6Mbps	Back	0mm	Ant 5	Rec off	140	5700	1	17.15	19.15	1.585	98.3	1.017	0.07	0.198	0.319
	WLAN 5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 5	Rec off	140	5700	1	17.15	19.15	1.585	98.3	1.017	0.18	1.910	3.079
	WLAN 5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 5	Rec off	100	5500	1	17.13	19.13	1.585	98.3	1.017	-0.09	1.030	1.660
	WLAN 5.5GHz	802.11ax-HE20 MCS0	Front	0mm	Ant 6	Full Power	116	5580	1	16.60	18.60	1.585	99.7	1.003	-0.07	0.050	0.079
	WLAN 5.5GHz	802.11ax-HE20 MCS0	Back	0mm	Ant 6	Full Power	116	5580	1	16.60	18.60	1.585	99.7	1.003	-0.09	1.070	1.701
	WLAN 5.5GHz	802.11ax-HE20 MCS0	Left Side	0mm	Ant 6	Full Power	116	5580	1	16.60	18.60	1.585	99.7	1.003	-0.16	0.256	0.407
	WLAN 5.5GHz	802.11ax-HE20 MCS0	Top Side	0mm	Ant 6	Full Power	116	5580	1	16.60	18.60	1.585	99.7	1.003	-0.14	0.109	0.173
	WLAN 5.5GHz	802.11a 6Mbps	Front	0mm	Ant 5+6	Full Power	140	5700	1	20.31	22.31	1.585	98.3	1.017	-0.16	0.735	1.185
	WLAN 5.5GHz	802.11a 6Mbps	Back	0mm	Ant 5+6	Full Power	140	5700	1	20.31	22.31	1.585	98.3	1.017	0.04	0.540	0.870
	WLAN 5.5GHz	802.11a 6Mbps	Left Side	0mm	Ant 5+6	Full Power	140	5700	1	20.31	22.31	1.585	98.3	1.017	0.08	0.216	0.348
105	WLAN 5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 5+6	Full Power	140	5700	1	20.31	22.31	1.585	98.3	1.017	-0.18	1.960	**3.159**
	WLAN 5.5GHz	802.11n-HT20 MCS0	Right Side	0mm	Ant 5+6	Full Power	116	5580	1	20.15	22.15	1.585	99.7	1.003	0.05	1.910	3.036
	WLAN 5.5GHz	802.11n-HT20 MCS0	Right Side	0mm	Ant 5+6	Full Power	140	5700	1	20.12	22.12	1.585	99.7	1.003	0.02	1.670	2.655
	WLAN 5.5GHz	802.11ac-VHT20 MCS0	Right Side	0mm	Ant 5+6	Full Power	116	5580	1	20.21	22.21	1.585	99.7	1.003	-0.04	1.940	3.084
	WLAN 5.5GHz	802.11ac-VHT20 MCS0	Right Side	0mm	Ant 5+6	Full Power	140	5700	1	20.19	22.19	1.585	99.7	1.003	0.07	1.680	2.671
	WLAN 5.5GHz	802.11ax-HE20 MCS0	Right Side	0mm	Ant 5+6	Full Power	116	5580	1	20.31	22.31	1.585	99.7	1.003	0.11	1.950	3.100
	WLAN 5.5GHz	802.11ax-HE20 MCS0	Right Side	0mm	Ant 5+6	Full Power	140	5700	1	20.29	22.29	1.585	99.7	1.003	0.09	1.710	2.718
	WLAN 5.5GHz	802.11a 6Mbps	Top Side	0mm	Ant 5+6	Full Power	140	5700	1	20.31	22.31	1.585	98.3	1.017	0.12	0.083	0.134
	WLAN 5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 5+6	Full Power	116	5580	1	20.18	22.18	1.585	98.3	1.017	-0.07	1.730	2.788

<EN-DC SAR>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
1900MHz																			
	LTE Band 2	20M	QPSK	1	49	-	Bottom Side	0mm	Ant 1	state 13/14	18900	1880	1	23.38	25.00	1.452	0.04	1.320	1.917
	LTE Band 2	20M	QPSK	50	24	-	Bottom Side	0mm	Ant 1	state 13/14	18900	1880	1	22.40	24.00	1.445	0.07	1.080	1.561

14.5 Repeated SAR Measurement

<1g>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Ratio	Reported 1g SAR (W/kg)
1st	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant 2	state 10	4233	846.6	1	24.87	25.50	1.156	-	-	-0.01	1.020	1	1.179
2nd	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant 2	state 10	4233	846.6	1	24.87	25.50	1.156	-	-	-0.05	0.988	1.032	1.142
1st	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant 2	state 10	9538	1907.6	1	25.19	25.50	1.074	-	-	-0.06	1.040	1	1.117
2nd	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant 2	state 10	9538	1907.6	1	25.19	25.50	1.074	-	-	-0.07	1.000	1.040	1.074
1st	LTE Band 30	10M	QPSK	1	49	-	Right Cheek	0mm	Ant 2	state 10	27710	2310	1	20.17	20.50	1.079	-	-	0.13	1.040	1	1.122
2nd	LTE Band 30	10M	QPSK	1	49	-	Right Cheek	0mm	Ant 2	state 10	27710	2310	1	20.17	20.50	1.079	-	-	0.11	0.995	1.045	1.074
1st	LTE Band 41	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 2	state 10	41055	2636.5	1	20.77	21.50	1.183	62.9	1.006	-0.13	0.959	1	1.141
2nd	LTE Band 41	20M	QPSK	1	49	-	Right Cheek	0mm	Ant 2	state 10	41055	2636.5	1	20.77	21.50	1.183	62.9	1.006	-0.07	0.948	1.012	1.128
1st	LTE Band 48	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 7	state 10	55830	3609	1	23.42	24.50	1.282	62.9	1.006	-0.07	0.886	1	1.143
2nd	LTE Band 48	20M	QPSK	1	49	-	Right Tilted	0mm	Ant 7	state 10	55830	3609	1	23.42	24.50	1.282	62.9	1.006	-0.04	0.871	1.017	1.124
1st	FR1 N77(HPUE)	100M	BPSK	1	1	DFT-30	Right Cheek	0mm	Ant 7	state 10	656000	3840	1	21.82	23.00	1.312	-	-	-0.03	0.858	1	1.126
2nd	FR1 N77(HPUE)	100M	BPSK	1	1	DFT-30	Right Cheek	0mm	Ant 7	state 10	656000	3840	1	21.82	23.00	1.312	-	-	-0.11	0.844	1.017	1.107

<10g>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Ratio	Reported 10g SAR (W/kg)
1st	GSM 850	-	-	-	-	GPRS (2 Tx slots)	Back	0mm	Ant 0	state 13	128	824.2	1	32.76	34.00	1.330	-	-	-0.02	2.190	1	2.914
2nd	GSM 850	-	-	-	-	GPRS (2 Tx slots)	Back	0mm	Ant 0	state 13	128	824.2	1	32.76	34.00	1.330	-	-	-0.05	2.110	1.038	2.807
1st	FR1 N66	40M	BPSK	1	1	DFT-15	Bottom Side	0mm	Ant 1	state 13/14	349000	1745	1	24.95	26.00	1.274	-	-	0.13	2.470	1	3.146
2nd	FR1 N66	40M	BPSK	1	1	DFT-15	Bottom Side	0mm	Ant 1	state 13/14	349000	1745	1	24.95	26.00	1.274	-	-	0.11	2.420	1.021	3.082
1st	FR1 N38	40M	BPSK	1	1	DFT-30	Bottom Side	0mm	Ant 1	state 13/14	519000	2595	1	22.30	23.50	1.318	-	-	0.07	2.410	1	3.177
2nd	FR1 N38	40M	BPSK	1	1	DFT-30	Bottom Side	0mm	Ant 1	state 13/14	519000	2595	1	22.30	23.50	1.318	-	-	0.05	2.380	1.013	3.137
1st	FR1 N77(HPUE)	100M	BPSK	1	1	DFT-30	Left Side	0mm	Ant 8	state 13/14	656000	3840	1	22.92	24.00	1.282	-	-	0.19	2.260	1	2.898
2nd	FR1 N77(HPUE)	100M	BPSK	1	1	DFT-30	Left Side	0mm	Ant 8	state 13/14	656000	3840	1	22.92	24.00	1.282	-	-	0.11	2.210	1.023	2.834

General Note:

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

14.6 TDD B41 Linearity Data Analysis

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

Head					
Ant 2_Rec on			Ant 2_Rec on(Sim TX)		
LTE Band 41(HPUE)-Linearity Data for Head			LTE Band 41(HPUE)-Linearity Data for Head		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	21.50	23.00	Maximum Tune up Power (dBm)	18.50	20.00
Reported 1g SAR (W/kg)	1.141	1.030	Reported 1g SAR (W/kg)	0.540	0.488
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	89.41	86.39	Frame Averaged (mW)	44.81	43.30
Linearity SAR (W/kg)	1.102		Linearity SAR (W/kg)	0.522	
% deviation from expected linearity		-6.57%	% deviation from expected linearity		-6.47%
Hotspot					
Ant 1			Ant 2		
LTE Band 41(HPUE)-Linearity Data for Hotspot			LTE Band 41(HPUE)-Linearity Data for Hotspot		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	25.50	Maximum Tune up Power (dBm)	25.00	26.50
Reported 1g SAR (W/kg)	0.775	0.711	Reported 1g SAR (W/kg)	0.873	0.777
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	153.63	Frame Averaged (mW)	200.17	193.41
Linearity SAR (W/kg)	0.749		Linearity SAR (W/kg)	0.844	
% deviation from expected linearity		-5.05%	% deviation from expected linearity		-7.89%
Extremity SAR					
Ant 1					
LTE Band 41(HPUE)-Linearity Data for Hotspot					
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)			
Maximum Tune up Power (dBm)	26.00	27.00			
Reported 1g SAR (W/kg)	3.010	2.846			
Duty Cycle	63.30%	43.30%			
Frame Averaged (mW)	252.00	217.01			
Linearity SAR (W/kg)	2.592				
% deviation from expected linearity		9.80%			
Body worn					
Ant 1			Ant 2		
LTE Band 41(HPUE)-Linearity Data for Body-worn			LTE Band 41(HPUE)-Linearity Data for Body-worn		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	26.00	27.00	Maximum Tune up Power (dBm)	26.00	27.50
Reported 1g SAR (W/kg)	0.206	0.236	Reported 1g SAR (W/kg)	0.382	0.343
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	252.00	217.01	Frame Averaged (mW)	252.00	243.49
Linearity SAR (W/kg)	0.177		Linearity SAR (W/kg)	0.369	
% deviation from expected linearity		33.03%	% deviation from expected linearity		-7.07%

15. Simultaneous Transmission Analysis

NO.	Simultaneous Transmission Configurations	Portable Handset			
		Head	Body-worn	Hotspot	Product specific 10g SAR
1.	WWAN + WLAN 2.4GHz SISO	Yes	Yes	Yes	Yes
2.	WWAN + WLAN 2.4GHz MIMO	Yes	Yes	Yes	Yes
3.	WWAN + WLAN 5 or 6 GHz SISO	Yes	Yes	Yes	Yes
4.	WWAN + WLAN 5 or 6 GHz MIMO	Yes	Yes	Yes	Yes
5.	WWAN + BT (Chain0)	Yes	Yes	Yes	Yes
6.	WWAN + BT (Chain1)	Yes	Yes	Yes	Yes
7.	WWAN + WLAN 5 or 6 GHz SISO + BT (Chain0)	Yes	Yes	Yes	Yes
8.	WWAN + WLAN 5 or 6 GHz SISO + BT (Chain1)	Yes	Yes	Yes	Yes
9.	WWAN + WLAN 2.4GHz SISO (Chain1) + BT (Chain0)	Yes	Yes	Yes	Yes
10.	WWAN + WLAN 2.4GHz SISO (Chain0) + BT (Chain1)	Yes	Yes	Yes	Yes
11.	WWAN + WLAN 5 or 6 GHz MIMO + BT (Chain0)	Yes	Yes	Yes	Yes
12.	WWAN + WLAN 5 or 6 GHz MIMO + BT (Chain1)	Yes	Yes	Yes	Yes
13.	WWAN + WLAN 2.4GHz SISO (Chain0) + WLAN 5 or 6 GHz (Chain1)	Yes	Yes	Yes	Yes
14.	WWAN + WLAN 5 or 6 GHz SISO (Chain0) + WLAN 2.4GHz SISO (Chain1)	Yes	Yes	Yes	Yes
15.	WWAN + WLAN 5 or 6 GHz SISO (Chain0) + WLAN 2.4GHz SISO (Chain1) + BT (Chain0)	Yes	Yes	Yes	Yes
16.	WWAN + WLAN 2.4GHz SISO (Chain0) + WLAN 5 or 6 GHz SISO (Chain1)+ BT (Chain1)	Yes	Yes	Yes	Yes
17.	WWAN + WLAN 2.4GHz MIMO + WLAN 5 or 6 GHz MIMO	Yes	Yes	Yes	Yes
18.	WWAN + WLAN 2.4GHz SISO/MIMO + NFC				Yes
19.	WWAN + WLAN 5 or 6 GHz SISO/MIMO + NFC				Yes
20.	WWAN + BT + NFC				Yes
21.	WWAN + WLAN 5 or 6 GHz SISO/MIMO + BT + NFC				Yes
22.	WWAN + WLAN 2.4GHz SISO + BT + NFC				Yes
23.	WWAN + WLAN 2.4GHz SISO + WLAN 5 or 6 GHz SISO + NFC				Yes
24.	WWAN + WLAN 2.4GHz SISO + WLAN 5 or 6 GHz SISO + BT + NFC				Yes
25.	WWAN + WLAN 2.4GHz MIMO + WLAN 5 or 6 GHz MIMO + NFC				Yes

General Note:

1. This device supports VoIP in GPRS, EGPRS, WCDMA and LTE (e.g. for 3rd-party VoIP), LTE supports VoLTE operation.
2. WWAN above includes 5G NR bands and EN-DC combination.
3. EUT will choose each GSM, WCDMA, LTE and 5GNR according to the network signal condition; therefore, they will not operate simultaneously at any moment.
4. This device 2.4GHz WLAN support hotspot operation and Bluetooth support tethering applications.
5. This device 5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WLAN Direct (GC/GO), and 5.3GHz / 5.5GHz supports WLAN Direct (GC only).WIFI 6E has no hotspot function.
6. The 2.4GHz/5GHz/6GHz WLAN can transmit in SISO and MIMO antenna mode.
7. The worst case 5 GHz WLAN SAR for each configuration was used for SAR summation.
8. WLAN 2.4GHz and Bluetooth share the same antenna so can't transmit simultaneously.
9. According to the EUT characteristic, WLAN 5GHz/6GHz and Bluetooth can transmit simultaneously.
10. According to the EUT characteristic, WLAN 5GHz/6GHz and WLAN 2.4GHz can transmit simultaneously.
11. According to the EUT characteristic, WLAN 5GHz and WLAN 6GHz can't transmit simultaneously.
12. The maximum SAR summation is calculated based on the same configuration and test position.
13. For standalone WWAN, always choose the highest SAR among all WWAN bands within the selected antenna for each exposure position to perform simultaneous transmission analysis with WLAN/BT. This is the worst co-located analysis and can represent each bands.
14. When EN-DC SAR co-located with WLAN/Bluetooth, chose the worst SAR among the LTE bands within all antennas per each test position and also the worst SAR of the 5GNR bands within all antennas to do co-located with WLAN/Bluetooth. This is the worst co-located analysis and can represent each LTE bands and each 5GNR bands.

15. When inter-band UL CA SAR co-located with WLAN/Bluetooth, chose the worst SAR among the same LTE/NR bands within all antennas per each test position to do co-located with WLAN/Bluetooth. This is the worst co-located analysis and can represent each LTE bands.
16. For 5GNR EN-DC mode, standalone SAR performed for 5GNR band with the maximum power, EN-DC SAR summed 5GNR standalone SAR and LTE standalone SAR, the result of EN-DC SAR is more conservatively.
17. SAR Power density test report for WLAN6E U-NII-5/6/7/8 will be separately submitted. About co-located SAR with WWAN/Bluetooth, always chose higher SAR of WLAN5G U-NII-1/2A/2C/3 and U-NII-5/6/7/8.
18. Per KDB 447498 D04, simultaneous transmission SAR is compliant if,
    i) 1g Scalar SAR summation < 1.6W/kg and 10g Scalar SAR summation < 4.0W/kg.
    ii) SPLSR = (SAR1 + SAR2)^1.5 / (min. separation distance, mm), and the peak separation distance is determined from the square root of [(x1-x2)2 + (y1-y2)2 + (z1-z2)2], where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
    iii) If SPLSR ≤ 0.04 for 1g SAR and SPLSR≤ 0.10 for 10g SAR , simultaneously transmission SAR measurement is not necessary.
    iv) Simultaneously transmission SAR measurement, and the reported multi-band 1g SAR < 1.6W/kg and 10g SAR < 4.0W/kg.

15.1 Head Exposure Conditions

Normal Mode:

WWAN Band	Exposure Position	1 WWAN 1g SAR (W/kg)	3 WLAN2.4GHz Ant 4 1g SAR (W/kg)	4 WLAN2.4GHz Ant 5 1g SAR (W/kg)	5 WLAN2.4GHz Ant 4+5 1g SAR (W/kg)	6 WLAN5GHz Ant 4 1g SAR (W/kg)	7 WLAN5GHz Ant 5 1g SAR (W/kg)	8 WLAN5GHz Ant 4+5 1g SAR (W/kg)	9 WLAN6GHz Ant 4 1g SAR (W/kg)	10 WLAN6GHz Ant 5 1g SAR (W/kg)	11 WLAN6GHz Ant 4+5 1g SAR (W/kg)	12 Bluetooth Ant 4 1g SAR (W/kg)	13 Bluetooth Ant 5 1g SAR (W/kg)	1+6+13 Summed 1g SAR (W/kg)	1+9+13 Summed 1g SAR (W/kg)	1+7+12 Summed 1g SAR (W/kg)	1+10+12 Summed 1g SAR (W/kg)	1+8+12 Summed 1g SAR (W/kg)	1+11+12 Summed 1g SAR (W/kg)	1+8+13 Summed 1g SAR (W/kg)	1+11+13 Summed 1g SAR (W/kg)	1+3+7+13 Summed 1g SAR (W/kg)	1+3+10+13 Summed 1g SAR (W/kg)	1+4+6+12 Summed 1g SAR (W/kg)	1+4+9+12 Summed 1g SAR (W/kg)	1+5+8 Summed 1g SAR (W/kg)	1+5+11 Summed 1g SAR (W/kg)
Ant 0	Right Cheek	0.407	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.70	0.84	0.99	0.57	0.76	0.79	0.77	0.80	1.13	0.72	1.03	1.17	0.77	0.80
	Right Tilted	0.182	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.35	0.47	0.33	0.20	0.34	0.46	0.34	0.46	0.43	0.29	0.35	0.47	0.47	0.58
	Left Cheek	0.225	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.70	0.72	0.87	0.63	1.09	1.04	0.73	0.67	0.99	0.75	1.20	1.21	1.20	1.14
	Left Tilted	0.137	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.38	0.51	0.52	0.31	0.59	0.65	0.42	0.48	0.63	0.42	0.63	0.76	0.72	0.78
Ant 1	Right Cheek	0.118	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.42	0.55	0.70	0.29	0.47	0.50	0.48	0.52	0.84	0.43	0.75	0.88	0.48	0.51
	Right Tilted	0.098	0.095			0.169	0.151	0.161	0.292	0.017	0.274			0.27	0.39	0.25	0.12	0.26	0.37	0.26	0.37	0.34	0.21	0.27	0.39	0.26	0.37
	Left Cheek	0.201	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.68	0.69	0.84	0.60	1.07	1.01	0.70	0.65	0.97	0.73	1.17	1.19	1.18	1.12
	Left Tilted	0.125	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.37	0.50	0.51	0.30	0.57	0.63	0.40	0.46	0.62	0.41	0.62	0.75	0.70	0.76
Ant 2	Right Cheek	0.618	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.92	1.05	1.20	0.79	0.97	1.00	0.98	1.02	1.34	0.93	1.25	1.38	0.98	1.01
	Right Tilted	0.227	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.40	0.52	0.38	0.24	0.39	0.50	0.39	0.50	0.47	0.34	0.40	0.52	0.51	0.62
	Left Cheek	0.569	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		1.04	1.06	1.21	0.97	1.44	1.38	1.07	1.01	1.33	1.10	1.54	1.56	1.54	1.49
	Left Tilted	0.211	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.46	0.59	0.59	0.39	0.66	0.72	0.49	0.55	0.70	0.50	0.71	0.84	0.79	0.85
Ant 7	Right Cheek	0.590	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.89	1.02	1.17	0.76	0.94	0.97	0.95	0.99	1.31	0.90	1.22	1.35	0.95	0.98
	Right Tilted	0.618	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.79	0.91	0.77	0.64	0.78	0.89	0.78	0.89	0.86	0.73	0.79	0.91	0.90	1.02
	Left Cheek	0.218	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.69	0.71	0.86	0.62	1.09	1.03	0.72	0.66	0.98	0.74	1.19	1.21	1.19	1.14
	Left Tilted	0.251	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.50	0.63	0.63	0.43	0.70	0.76	0.53	0.59	0.74	0.54	0.75	0.88	0.83	0.89
Ant 8	Right Cheek	0.288	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.59	0.72	0.87	0.46	0.64	0.67	0.65	0.69	1.01	0.60	0.92	1.05	0.65	0.68
	Right Tilted	0.232	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.40	0.52	0.38	0.25	0.39	0.51	0.39	0.51	0.48	0.34	0.40	0.52	0.52	0.63
	Left Cheek	0.603	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		1.08	1.09	1.25	1.01	1.47	1.41	1.11	1.05	1.37	1.13	1.57	1.59	1.58	1.52
	Left Tilted	0.158	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.41	0.53	0.54	0.33	0.61	0.67	0.44	0.50	0.65	0.44	0.66	0.78	0.74	0.80
Ant 9	Right Cheek		0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.30	0.43	0.58	0.17	0.35	0.38	0.36	0.40	0.72	0.31	0.63	0.76	0.36	0.39
	Right Tilted		0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.17	0.29	0.15	0.02	0.16	0.27	0.16	0.27	0.25	0.11	0.17	0.29	0.28	0.40
	Left Cheek		0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.47	0.49	0.64	0.40	0.87	0.81	0.50	0.45	0.77	0.53	0.97	0.99	0.98	0.92
	Left Tilted		0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.25	0.37	0.38	0.17	0.45	0.51	0.28	0.34	0.49	0.28	0.50	0.62	0.58	0.64
Ant 10	Right Cheek		0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.30	0.43	0.58	0.17	0.35	0.38	0.36	0.40	0.72	0.31	0.63	0.76	0.36	0.39
	Right Tilted		0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.17	0.29	0.15	0.02	0.16	0.27	0.16	0.27	0.25	0.11	0.17	0.29	0.28	0.40
	Left Cheek		0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.47	0.49	0.64	0.40	0.87	0.81	0.50	0.45	0.77	0.53	0.97	0.99	0.98	0.92
	Left Tilted		0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.25	0.37	0.38	0.17	0.45	0.51	0.28	0.34	0.49	0.28	0.50	0.62	0.58	0.64

<Inter CA Mode>

WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	2 WWAN 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)
Ant 0	Ant 1	Right Cheek	0.128	0.058	0.19
		Right Tilted	0.056	0.038	0.09
		Left Cheek	0.078	0.075	0.15
		Left Tilted	0.046	0.049	0.10
Ant 0	Ant 2	Right Cheek	0.128	0.790	0.92
		Right Tilted	0.056	0.269	0.33
		Left Cheek	0.078	0.503	0.58
		Left Tilted	0.046	0.128	0.17
Ant 1	Ant 2	Right Cheek	0.058	0.790	0.85
		Right Tilted	0.038	0.269	0.31
		Left Cheek	0.075	0.503	0.58
		Left Tilted	0.049	0.128	0.18
Ant 1	Ant 11	Right Cheek	0.058	0.363	0.42
		Right Tilted	0.038	0.489	0.53
		Left Cheek	0.075	0.670	0.75
		Left Tilted	0.049	0.629	0.68
Ant 2	Ant 11	Right Cheek	0.790	0.363	1.15
		Right Tilted	0.269	0.489	0.76
		Left Cheek	0.503	0.670	1.17
		Left Tilted	0.128	0.629	0.76

Normal Mode:

WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	2 WWAN 1g SAR (W/kg)	3 WLAN2.4GHz Ant 4 1g SAR (W/kg)	4 WLAN2.4GHz Ant 5 1g SAR (W/kg)	5 WLAN2.4GHz Ant 4+5 1g SAR (W/kg)	6 WLAN5GHz Ant 4 1g SAR (W/kg)	7 WLAN5GHz Ant 5 1g SAR (W/kg)	8 WLAN5GHz Ant 4+5 1g SAR (W/kg)	9 WLAN6GHz Ant 4 1g SAR (W/kg)	10 WLAN6GHz Ant 5 1g SAR (W/kg)	11 WLAN6GHz Ant 4+5 1g SAR (W/kg)	12 Bluetooth Ant 4 1g SAR (W/kg)	13 Bluetooth Ant 5 1g SAR (W/kg)	1+2+6+13 Summed 1g SAR (W/kg)	1+2+ 9+13 Summed 1g SAR (W/kg)	1+2+ 7+12 Summed 1g SAR (W/kg)	1+2+ 10+12 Summed 1g SAR (W/kg)	1+2+ 8+12 Summed 1g SAR (W/kg)	1+2+ 11+12 Summed 1g SAR (W/kg)	1+2+ 8+13 Summed 1g SAR (W/kg)	1+2+ 11+13 Summed 1g SAR (W/kg)	1+2+3+ 7+13 Summed 1g SAR (W/kg)	1+2+3+ 10+13 Summed 1g SAR (W/kg)	1+2+4+ 6+12 Summed 1g SAR (W/kg)	1+2+4+ 9+12 Summed 1g SAR (W/kg)	1+2+ 5+8 Summed 1g SAR (W/kg)	1+2+ 5+11 Summed 1g SAR (W/kg)
Ant 0	Ant 1	Right Cheek	0.128	0.058	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.48	0.62	0.77	0.35	0.54	0.57	0.55	0.58	0.91	0.50	0.81	0.95	0.55	0.58
		Right Tilted	0.056	0.038	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.26	0.39	0.25	0.11	0.26	0.37	0.26	0.37	0.34	0.21	0.26	0.39	0.38	0.49
		Left Cheek	0.078	0.075	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.63	0.64	0.80	0.56	1.02	0.96	0.66	0.60	0.92	0.68	1.12	1.14	1.13	1.07
		Left Tilted	0.046	0.049	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.34	0.47	0.48	0.27	0.54	0.60	0.37	0.43	0.59	0.38	0.59	0.72	0.67	0.73
Ant 0	Ant 2	Right Cheek	0.128	0.318	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.74	0.88	1.03	0.61	0.80	0.83	0.81	0.84	1.17	0.76	1.07	1.21	0.81	0.84
		Right Tilted	0.056	0.113	0.095			0.169	0.151	0.161	0.292	0.017	0.274			0.34	0.46	0.32	0.19	0.33	0.44	0.33	0.44	0.42	0.28	0.34	0.46	0.33	0.44
		Left Cheek	0.078	0.266	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.82	0.84	0.99	0.75	1.21	1.15	0.85	0.79	1.11	0.87	1.31	1.33	1.32	1.26
		Left Tilted	0.046	0.087	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.38	0.51	0.52	0.31	0.58	0.64	0.41	0.47	0.63	0.42	0.63	0.76	0.71	0.77
Ant 1	Ant 2	Right Cheek	0.058	0.318	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.67	0.81	0.96	0.54	0.73	0.76	0.74	0.77	1.10	0.69	1.00	1.14	0.74	0.77
		Right Tilted	0.038	0.113	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.32	0.44	0.30	0.17	0.31	0.43	0.31	0.43	0.40	0.26	0.32	0.44	0.44	0.55
		Left Cheek	0.075	0.266	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.82	0.83	0.98	0.74	1.21	1.15	0.84	0.79	1.11	0.87	1.31	1.33	1.32	1.26
		Left Tilted	0.049	0.087	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.38	0.51	0.52	0.31	0.58	0.64	0.42	0.48	0.63	0.42	0.63	0.76	0.71	0.77
Ant 1	Ant 11	Right Cheek	0.058	0.161	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.52	0.65	0.80	0.39	0.57	0.60	0.58	0.62	0.94	0.53	0.85	0.98	0.58	0.61
		Right Tilted	0.038	0.214	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.42	0.54	0.40	0.27	0.41	0.53	0.41	0.53	0.50	0.36	0.42	0.54	0.54	0.65
		Left Cheek	0.075	0.298	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.85	0.86	1.02	0.78	1.24	1.18	0.88	0.82	1.14	0.90	1.34	1.36	1.35	1.29
		Left Tilted	0.049	0.279	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.58	0.70	0.71	0.50	0.78	0.84	0.61	0.67	0.82	0.61	0.83	0.95	0.91	0.97
Ant 2	Ant 11	Right Cheek	0.318	0.161	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.78	0.91	1.06	0.65	0.83	0.86	0.84	0.88	1.20	0.79	1.11	1.24	0.84	0.87
		Right Tilted	0.113	0.214	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.50	0.62	0.48	0.34	0.49	0.60	0.49	0.60	0.57	0.44	0.50	0.62	0.61	0.72
		Left Cheek	0.266	0.298	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		1.04	1.06	1.21	0.97	1.43	1.37	1.07	1.01	1.33	1.09	1.53	1.55	1.54	1.48
		Left Tilted	0.087	0.279	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.61	0.74	0.75	0.54	0.81	0.87	0.65	0.71	0.86	0.65	0.86	0.99	0.94	1.00

<ENDC Mode>

WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	2 FR1 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)
LTE Ant 0	NR Ant 1	Right Cheek	0.116	0.116	0.23
		Right Tilted	0.104	0.098	0.20
		Left Cheek	0.118	0.201	0.32
		Left Tilted	0.087	0.110	0.20
LTE Ant 0	NR Ant 2	Right Cheek	0.266	0.640	0.91
		Right Tilted	0.104	0.227	0.33
		Left Cheek	0.118	0.597	0.72
		Left Tilted	0.087	0.193	0.28
LTE Ant 0	NR Ant 7	Right Cheek	0.266	0.538	0.80
		Right Tilted	0.104	0.438	0.54
		Left Cheek	0.118	0.217	0.34
		Left Tilted	0.087	0.220	0.31
LTE Ant 0	NR Ant 8	Right Cheek	0.266	0.279	0.55
		Right Tilted	0.104	0.225	0.33
		Left Cheek	0.118	0.597	0.72
		Left Tilted	0.087	0.153	0.24
LTE Ant 0	NR Ant 9	Right Cheek	0.266		0.27
		Right Tilted	0.104		0.10
		Left Cheek	0.118		0.12
		Left Tilted	0.087		0.09
LTE Ant 0	NR Ant 10	Right Cheek	0.266		0.27
		Right Tilted	0.104		0.10
		Left Cheek	0.118		0.12
		Left Tilted	0.087		0.09
LTE Ant 1	NR Ant 0	Right Cheek	0.118	0.163	0.28
		Right Tilted	0.079	0.080	0.16
		Left Cheek	0.150	0.090	0.24
		Left Tilted	0.101	0.063	0.16
LTE Ant 1	NR Ant 2	Right Cheek	0.118	0.640	0.76
		Right Tilted	0.079	0.227	0.31
		Left Cheek	0.150	0.597	0.75
		Left Tilted	0.101	0.193	0.29
LTE Ant 1	NR Ant 7	Right Cheek	0.118	0.538	0.66
		Right Tilted	0.079	0.438	0.52
		Left Cheek	0.150	0.217	0.37
		Left Tilted	0.101	0.220	0.32
LTE Ant 1	NR Ant 8	Right Cheek	0.118	0.279	0.40
		Right Tilted	0.079	0.225	0.30
		Left Cheek	0.150	0.597	0.75
		Left Tilted	0.101	0.153	0.25
LTE Ant 1	NR Ant 9	Right Cheek	0.118		0.12
		Right Tilted	0.079		0.08
		Left Cheek	0.150		0.15
		Left Tilted	0.101		0.10
LTE Ant 1	NR Ant 10	Right Cheek	0.118		0.12
		Right Tilted	0.079		0.08
		Left Cheek	0.150		0.15
		Left Tilted	0.101		0.10
LTE Ant 2	NR Ant 0	Right Cheek	0.618	0.163	0.78
		Right Tilted	0.216	0.080	0.30
		Left Cheek	0.537	0.090	0.63

		Left Tilted	0.211	0.063	0.27
LTE Ant 2	NR Ant 1	Right Cheek	0.618	0.116	0.73
		Right Tilted	0.216	0.098	0.31
		Left Cheek	0.537	0.201	0.74
		Left Tilted	0.211	0.110	0.32
LTE Ant 2	NR Ant 7	Right Cheek	0.618	0.538	1.16
		Right Tilted	0.216	0.438	0.65
		Left Cheek	0.537	0.217	0.75
		Left Tilted	0.211	0.220	0.43
LTE Ant 2	NR Ant 8	Right Cheek	0.618	0.279	0.90
		Right Tilted	0.216	0.225	0.44
		Left Cheek	0.537	0.597	1.13
		Left Tilted	0.211	0.153	0.36
LTE Ant 2	NR Ant 9	Right Cheek	0.618		0.62
		Right Tilted	0.216		0.22
		Left Cheek	0.537		0.54
		Left Tilted	0.211		0.21
LTE Ant 2	NR Ant 10	Right Cheek	0.618		0.62
		Right Tilted	0.216		0.22
		Left Cheek	0.537		0.54
		Left Tilted	0.211		0.21
LTE Ant 11	NR Ant 1	Right Cheek	0.358	0.116	0.47
		Right Tilted	0.490	0.098	0.59
		Left Cheek	0.698	0.201	0.90
		Left Tilted	0.629	0.110	0.74
LTE Ant 11	NR Ant 2	Right Cheek	0.358	0.640	1.00
		Right Tilted	0.490	0.227	0.72
		Left Cheek	0.698	0.597	1.30
		Left Tilted	0.629	0.193	0.82

Normal Mode:

WWAN Band		Exposure Position	1	2	3	4	5	6	7	8	9	10	11	12	13	1+2+6+13	1+2+9+13	1+2+7+12	1+2+10+12	1+2+8+12	1+2+11+12	1+2+8+13	1+2+11+13	1+2+3+7+13	1+2+3+10+13	1+2+4+6+12	1+2+4+9+12	1+2+5+8	1+2+5+11
			WWAN	FR1	WLAN2.4GHz Ant 4 normal	WLAN2.4GHz Ant 5 normal	WLAN2.4GHz Ant 4+5 normal	WLAN5GHz Ant 4 normal	WLAN5GHz Ant 5 normal	WLAN5GHz Ant 4+5 normal	WLAN6GHz Ant 4 normal	WLAN6GHz Ant 5 normal	WLAN6GHz Ant 4+5 normal	Bluetooth Ant 4	Bluetooth Ant 5	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Ant 0	NR Ant 1	Right Cheek	0.266	0.116	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.68	0.81	0.96	0.55	0.73	0.77	0.75	0.78	1.11	0.69	1.01	1.14	0.74	0.78
		Right Tilted	0.104	0.098	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.37	0.49	0.35	0.22	0.36	0.48	0.36	0.48	0.45	0.31	0.37	0.49	0.49	0.60
		Left Cheek	0.118	0.201	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.79	0.81	0.96	0.72	1.19	1.13	0.82	0.76	1.08	0.85	1.29	1.31	1.29	1.24
		Left Tilted	0.087	0.110	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.44	0.57	0.58	0.37	0.65	0.71	0.48	0.54	0.69	0.48	0.69	0.82	0.78	0.84
LTE Ant 0	NR Ant 2	Right Cheek	0.266	0.332	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.90	1.03	1.18	0.77	0.95	0.98	0.96	1.00	1.32	0.91	1.23	1.36	0.96	0.99
		Right Tilted	0.104	0.108	0.095			0.169	0.151	0.161	0.292	0.017	0.274			0.38	0.50	0.36	0.23	0.37	0.49	0.37	0.49	0.46	0.32	0.38	0.50	0.37	0.49
		Left Cheek	0.118	0.302	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.89	0.91	1.06	0.82	1.29	1.23	0.92	0.87	1.19	0.95	1.39	1.41	1.40	1.34
		Left Tilted	0.087	0.093	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.43	0.55	0.56	0.35	0.63	0.69	0.46	0.52	0.67	0.46	0.68	0.80	0.76	0.82
LTE Ant 0	NR Ant 7	Right Cheek	0.266	0.314	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.88	1.01	1.16	0.75	0.93	0.96	0.94	0.98	1.30	0.89	1.21	1.34	0.94	0.97
		Right Tilted	0.104	0.222	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.50	0.62	0.48	0.34	0.49	0.60	0.49	0.60	0.57	0.44	0.50	0.62	0.61	0.72
		Left Cheek	0.118	0.118	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.71	0.73	0.88	0.64	1.10	1.05	0.74	0.68	1.00	0.76	1.21	1.22	1.21	1.15
		Left Tilted	0.087	0.123	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.46	0.58	0.59	0.38	0.66	0.72	0.49	0.55	0.70	0.49	0.71	0.83	0.79	0.85
LTE Ant 0	NR Ant 8	Right Cheek	0.266	0.106	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.67	0.80	0.95	0.54	0.72	0.76	0.74	0.77	1.10	0.68	1.00	1.13	0.73	0.77
		Right Tilted	0.104	0.102	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.38	0.50	0.36	0.22	0.37	0.48	0.37	0.48	0.45	0.32	0.38	0.50	0.49	0.60
		Left Cheek	0.118	0.283	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.88	0.89	1.04	0.80	1.27	1.21	0.90	0.85	1.17	0.93	1.37	1.39	1.38	1.32
		Left Tilted	0.087	0.071	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.41	0.53	0.54	0.33	0.61	0.67	0.44	0.50	0.65	0.44	0.66	0.78	0.74	0.80
LTE Ant 0	NR Ant 9	Right Cheek	0.266		0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.56	0.70	0.85	0.43	0.62	0.65	0.63	0.66	0.99	0.58	0.89	1.03	0.63	0.66
		Right Tilted	0.104		0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.27	0.40	0.26	0.12	0.27	0.38	0.27	0.38	0.35	0.22	0.27	0.40	0.39	0.50
		Left Cheek	0.118		0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.59	0.61	0.76	0.52	0.99	0.93	0.62	0.56	0.88	0.64	1.09	1.11	1.09	1.04
		Left Tilted	0.087		0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.33	0.46	0.47	0.26	0.54	0.60	0.37	0.43	0.58	0.37	0.58	0.71	0.67	0.73
LTE Ant 0	NR Ant 10	Right Cheek	0.266		0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.56	0.70	0.85	0.43	0.62	0.65	0.63	0.66	0.99	0.58	0.89	1.03	0.63	0.66
		Right Tilted	0.104		0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.27	0.40	0.26	0.12	0.27	0.38	0.27	0.38	0.35	0.22	0.27	0.40	0.39	0.50

		Left Cheek	0.118		0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.59	0.61	0.76	0.52	0.99	0.93	0.62	0.56	0.88	0.64	1.09	1.11	1.09	1.04
		Left Tilted	0.087		0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.33	0.46	0.47	0.26	0.54	0.60	0.37	0.43	0.58	0.37	0.58	0.71	0.67	0.73
LTE Ant 1	NR Ant 0	Right Cheek	0.118	0.163	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.58	0.71	0.86	0.45	0.63	0.66	0.65	0.68	1.01	0.59	0.91	1.04	0.64	0.68
		Right Tilted	0.079	0.080	0.095			0.169	0.151	0.161	0.292	0.017	0.274			0.33	0.45	0.31	0.18	0.32	0.43	0.32	0.43	0.41	0.27	0.33	0.45	0.32	0.43
		Left Cheek	0.150	0.090	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.71	0.73	0.88	0.64	1.11	1.05	0.74	0.69	1.01	0.77	1.21	1.23	1.22	1.16
		Left Tilted	0.101	0.063	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.41	0.54	0.55	0.34	0.61	0.67	0.44	0.50	0.66	0.45	0.66	0.79	0.74	0.80
LTE Ant 1	NR Ant 2	Right Cheek	0.118	0.332	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.75	0.88	1.03	0.62	0.80	0.83	0.81	0.85	1.17	0.76	1.08	1.21	0.81	0.84
		Right Tilted	0.079	0.108	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.36	0.48	0.34	0.20	0.35	0.46	0.35	0.46	0.43	0.30	0.36	0.48	0.47	0.58
		Left Cheek	0.150	0.302	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.93	0.94	1.09	0.86	1.32	1.26	0.96	0.90	1.22	0.98	1.42	1.44	1.43	1.37
		Left Tilted	0.101	0.093	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.44	0.57	0.58	0.37	0.64	0.70	0.47	0.53	0.69	0.48	0.69	0.82	0.77	0.83
LTE Ant 1	NR Ant 7	Right Cheek	0.118	0.314	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.73	0.86	1.01	0.60	0.78	0.82	0.80	0.83	1.16	0.74	1.06	1.19	0.79	0.83
		Right Tilted	0.079	0.222	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.47	0.59	0.45	0.32	0.46	0.58	0.46	0.58	0.55	0.41	0.47	0.59	0.59	0.70
		Left Cheek	0.150	0.118	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.74	0.76	0.91	0.67	1.14	1.08	0.77	0.71	1.03	0.79	1.24	1.26	1.24	1.19
		Left Tilted	0.101	0.123	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.47	0.60	0.61	0.40	0.67	0.73	0.50	0.56	0.72	0.51	0.72	0.85	0.80	0.86
LTE Ant 1	NR Ant 8	Right Cheek	0.118	0.106	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.52	0.65	0.81	0.39	0.57	0.61	0.59	0.62	0.95	0.53	0.85	0.98	0.59	0.62
		Right Tilted	0.079	0.102	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.35	0.47	0.33	0.20	0.34	0.46	0.34	0.46	0.43	0.29	0.35	0.47	0.47	0.58
		Left Cheek	0.150	0.283	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.91	0.92	1.08	0.84	1.30	1.24	0.94	0.88	1.20	0.96	1.40	1.42	1.41	1.35
		Left Tilted	0.101	0.071	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.42	0.55	0.55	0.35	0.62	0.68	0.45	0.51	0.66	0.46	0.67	0.80	0.75	0.81
LTE Ant 1	NR Ant 9	Right Cheek	0.118		0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.42	0.55	0.70	0.29	0.47	0.50	0.48	0.52	0.84	0.43	0.75	0.88	0.48	0.51
		Right Tilted	0.079		0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.25	0.37	0.23	0.10	0.24	0.35	0.24	0.35	0.33	0.19	0.25	0.37	0.36	0.48
		Left Cheek	0.150		0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.62	0.64	0.79	0.55	1.02	0.96	0.65	0.60	0.92	0.68	1.12	1.14	1.13	1.07
		Left Tilted	0.101		0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.35	0.48	0.48	0.28	0.55	0.61	0.38	0.44	0.59	0.39	0.60	0.73	0.68	0.74
LTE Ant 1	NR Ant 10	Right Cheek	0.118		0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.42	0.55	0.70	0.29	0.47	0.50	0.48	0.52	0.84	0.43	0.75	0.88	0.48	0.51
		Right Tilted	0.079		0.095			0.169	0.151	0.161	0.292	0.017	0.274			0.25	0.37	0.23	0.10	0.24	0.35	0.24	0.35	0.33	0.19	0.25	0.37	0.24	0.35
		Left Cheek	0.150		0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.62	0.64	0.79	0.55	1.02	0.96	0.65	0.60	0.92	0.68	1.12	1.14	1.13	1.07
		Left Tilted	0.101		0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.35	0.48	0.48	0.28	0.55	0.61	0.38	0.44	0.59	0.39	0.60	0.73	0.68	0.74
LTE Ant 2	NR Ant 0	Right Cheek	0.353	0.163	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.81	0.95	1.10	0.68	0.87	0.90	0.88	0.91	1.24	0.83	1.14	1.28	0.88	0.91
		Right Tilted	0.107	0.080	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.36	0.48	0.34	0.20	0.35	0.46	0.35	0.46	0.43	0.30	0.36	0.48	0.47	0.58
		Left Cheek	0.298	0.090	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.86	0.88	1.03	0.79	1.26	1.20	0.89	0.83	1.15	0.91	1.36	1.38	1.36	1.31
		Left Tilted	0.101	0.063	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.41	0.54	0.55	0.34	0.61	0.67	0.44	0.50	0.66	0.45	0.66	0.79	0.74	0.80
LTE Ant 2	NR Ant 1	Right Cheek	0.353	0.116	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.77	0.90	1.05	0.64	0.82	0.85	0.83	0.87	1.19	0.78	1.10	1.23	0.83	0.86
		Right Tilted	0.107	0.098	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.37	0.50	0.36	0.22	0.37	0.48	0.37	0.48	0.45	0.32	0.37	0.50	0.49	0.60
		Left Cheek	0.298	0.201	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.97	0.99	1.14	0.90	1.37	1.31	1.00	0.94	1.26	1.03	1.47	1.49	1.47	1.42
		Left Tilted	0.101	0.110	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.46	0.59	0.59	0.39	0.66	0.72	0.49	0.55	0.70	0.50	0.71	0.84	0.79	0.85
LTE Ant 2	NR Ant 7	Right Cheek	0.353	0.314	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.96	1.10	1.25	0.83	1.02	1.05	1.03	1.06	1.39	0.98	1.29	1.43	1.03	1.06
		Right Tilted	0.107	0.222	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.50	0.62	0.48	0.35	0.49	0.60	0.49	0.60	0.58	0.44	0.50	0.62	0.61	0.73
		Left Cheek	0.298	0.118	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.89	0.91	1.06	0.82	1.28	1.23	0.92	0.86	1.18	0.94	1.39	1.40	1.39	1.33
		Left Tilted	0.101	0.123	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.47	0.60	0.61	0.40	0.67	0.73	0.50	0.56	0.72	0.51	0.72	0.85	0.80	0.86
LTE Ant 2	NR Ant 8	Right Cheek	0.353	0.106	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.76	0.89	1.04	0.63	0.81	0.84	0.82	0.86	1.18	0.77	1.09	1.22	0.82	0.85
		Right Tilted	0.107	0.102	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.38	0.50	0.36	0.23	0.37	0.48	0.37	0.48	0.46	0.32	0.38	0.50	0.49	0.61
		Left Cheek	0.298	0.283	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		1.06	1.07	1.22	0.98	1.45	1.39	1.08	1.03	1.35	1.11	1.55	1.57	1.56	1.50
		Left Tilted	0.101	0.071	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.42	0.55	0.55	0.35	0.62	0.68	0.45	0.51	0.66	0.46	0.67	0.80	0.75	0.81
LTE Ant 2	NR Ant 9	Right Cheek	0.353		0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.65	0.78	0.94	0.52	0.70	0.74	0.72	0.75	1.08	0.66	0.98	1.11	0.71	0.75
		Right Tilted	0.107		0.095			0.169	0.151	0.161	0.292	0.017	0.274			0.28	0.40	0.26	0.12	0.27	0.38	0.27	0.38	0.35	0.22	0.28	0.40	0.27	0.38
		Left Cheek	0.298		0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.77	0.79	0.94	0.70	1.17	1.11	0.80	0.74	1.06	0.82	1.27	1.29	1.27	1.22
		Left Tilted	0.101		0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.35	0.48	0.48	0.28	0.55	0.61	0.38	0.44	0.59	0.39	0.60	0.73	0.68	0.74
LTE Ant 2	NR Ant 10	Right Cheek	0.353		0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.65	0.78	0.94	0.52	0.70	0.74	0.72	0.75	1.08	0.66	0.98	1.11	0.71	0.75
		Right Tilted	0.107		0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.28	0.40	0.26	0.12	0.27	0.38	0.27	0.38	0.35	0.22	0.28	0.40	0.39	0.50
		Left Cheek	0.298		0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.77	0.79	0.94	0.70	1.17	1.11	0.80	0.74	1.06	0.82	1.27	1.29	1.27	1.22
		Left Tilted	0.101		0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.35	0.48	0.48	0.28	0.55	0.61	0.38	0.44	0.59	0.39	0.60	0.73	0.68	0.74
LTE Ant 11	NR Ant 1	Right Cheek	0.156	0.116	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.57	0.70	0.85	0.44	0.62	0.66	0.64	0.67	1.00	0.58	0.90	1.03	0.63	0.67
		Right Tilted	0.219	0.098	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.49	0.61	0.47	0.33	0.48	0.59	0.48	0.59	0.56	0.43	0.49	0.61	0.60	0.71
		Left Cheek	0.302	0.201	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.98	0.99	1.15	0.91	1.37	1.31	1.01	0.95	1.27	1.03	1.47	1.49	1.48	1.42
		Left Tilted	0.279	0.110	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.64	0.76	0.77	0.56	0.84	0.90	0.67	0.73	0.88	0.67	0.89	1.01	0.97	1.03
LTE Ant 11	NR Ant 2	Right Cheek	0.156	0.332	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.79	0.92	1.07	0.66	0.84	0.87	0.85	0.89	1.21	0.80	1.12	1.25	0.85	0.88
		Right Tilted	0.219	0.108	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.50	0.62	0.48	0.34	0.49	0.60	0.49	0.60	0.57	0.44	0.50	0.62	0.61	0.72

	Left Cheek	0.302	0.302	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		1.08	1.10	1.25	1.01	1.47	1.41	1.11	1.05	1.37	1.13	1.57	1.59	1.58	1.52		
	Left Tilted	0.279	0.093	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.62	0.75	0.75	0.55	0.82	0.88	0.65	0.71	0.86	0.66	0.87	1.00	0.95	1.01		

<UL-MIMO SAR>

FR1 Band		Exposure Position	1 FR1 1g SAR (W/kg)	2 FR1 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)
N41 Ant 1	N41 Ant 7	Right Cheek	0.046	0.731	0.78
		Right Tilted	0.042	0.589	0.63
		Left Cheek	0.050	0.259	0.31
		Left Tilted	0.030	0.233	0.26
N41 Ant 1	N41 Ant 8	Right Cheek	0.046		0.05
		Right Tilted	0.042		0.04
		Left Cheek	0.050		0.05
		Left Tilted	0.030		0.03
N41 Ant 2	N41 Ant 7	Right Cheek	0.706	0.731	1.44
		Right Tilted	0.230	0.589	0.82
		Left Cheek	0.210	0.259	0.47
		Left Tilted	0.076	0.233	0.31
N41 Ant 2	N41 Ant 8	Right Cheek	0.706		0.71
		Right Tilted	0.230		0.23
		Left Cheek	0.210		0.21
		Left Tilted	0.076		0.08
N77 Ant 7	N77 Ant 8	Right Cheek	0.694	0.345	1.04
		Right Tilted	0.594	0.287	0.88
		Left Cheek	0.292	0.737	1.03
		Left Tilted	0.278	0.192	0.47
N77 Ant 7	N77 Ant 9	Right Cheek	0.694		0.69
		Right Tilted	0.594		0.59
		Left Cheek	0.292		0.29
		Left Tilted	0.278		0.28
N77 Ant 8	N77 Ant 10	Right Cheek	0.345		0.35
		Right Tilted	0.287		0.29
		Left Cheek	0.737		0.74
		Left Tilted	0.192		0.19
N77 Ant 9	N77 Ant 10	Right Cheek			0.00
		Right Tilted			0.00
		Left Cheek			0.00
		Left Tilted			0.00

Normal Mode:

FR1 Band		Exposure Position	1 FR1 1g SAR (W/kg)	2 FR1 1g SAR (W/kg)	3 WLAN2.4GHz Ant 4 normal 1g SAR (W/kg)	4 WLAN2.4GHz Ant 5 normal 1g SAR (W/kg)	5 WLAN2.4GHz Ant 4+5 normal 1g SAR (W/kg)	6 WLAN5GHz Ant 4 normal 1g SAR (W/kg)	7 WLAN5GHz Ant 5 normal 1g SAR (W/kg)	8 WLAN5GHz Ant 4+5 normal 1g SAR (W/kg)	9 WLAN6GHz Ant 4 normal 1g SAR (W/kg)	10 WLAN6GHz Ant 5 normal 1g SAR (W/kg)	11 WLAN6GHz Ant 4+5 normal 1g SAR (W/kg)	12 Bluetooth Ant 4 1g SAR (W/kg)	13 Bluetooth Ant 5 1g SAR (W/kg)	1+2+ 6+13 Summed 1g SAR (W/kg)	1+2+ 9+13 Summed 1g SAR (W/kg)	1+2+ 7+12 Summed 1g SAR (W/kg)	1+2+ 10+12 Summed 1g SAR (W/kg)	1+2+ 8+12 Summed 1g SAR (W/kg)	1+2+ 11+12 Summed 1g SAR (W/kg)	1+2+ 8+13 Summed 1g SAR (W/kg)	1+2+ 11+13 Summed 1g SAR (W/kg)	1+2+3+ 7+13 Summed 1g SAR (W/kg)	1+2+3+ 10+13 Summed 1g SAR (W/kg)	1+2+4+ 6+12 Summed 1g SAR (W/kg)	1+2+4+ 9+12 Summed 1g SAR (W/kg)	1+2+ 5+8 Summed 1g SAR (W/kg)	1+2+5+ 11 Summed 1g SAR (W/kg)
N41 Ant 1	N41 Ant 7	Right Cheek	0.046	0.373	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.72	0.85	1.00	0.59	0.77	0.80	0.78	0.82	1.14	0.73	1.05	1.18	0.78	0.81
		Right Tilted	0.042	0.296	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.51	0.63	0.49	0.36	0.50	0.61	0.50	0.61	0.58	0.45	0.51	0.63	0.62	0.74		
		Left Cheek	0.050	0.132	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.66	0.67	0.82	0.59	1.05	0.99	0.69	0.63	0.95	0.71	1.15	1.17	1.16	1.10		
		Left Tilted	0.030	0.120	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.40	0.52	0.53	0.32	0.60	0.66	0.43	0.49	0.64	0.43	0.65	0.77	0.73	0.79		
N41 Ant 1	N41 Ant 8	Right Cheek	0.046		0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.34	0.48	0.63	0.21	0.40	0.43	0.41	0.44	0.77	0.36	0.67	0.81	0.41	0.44		
		Right Tilted	0.042		0.095			0.169	0.151	0.161	0.292	0.017	0.274			0.21	0.33	0.19	0.06	0.20	0.32	0.20	0.32	0.29	0.15	0.21	0.33	0.20	0.32		
		Left Cheek	0.050		0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.52	0.54	0.69	0.45	0.92	0.86	0.55	0.50	0.82	0.58	1.02	1.04	1.03	0.97		
		Left Tilted	0.030		0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.28	0.40	0.41	0.20	0.48	0.54	0.31	0.37	0.52	0.31	0.53	0.65	0.61	0.67		
N41 Ant 2	N41 Ant 7	Right Cheek	0.362	0.373	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	1.03	1.17	1.32	0.90	1.09	1.12	1.10	1.13	1.46	1.04	1.36	1.50	1.10	1.13		
		Right Tilted	0.115	0.296	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.58	0.70	0.56	0.43	0.57	0.69	0.57	0.69	0.66	0.52	0.58	0.70	0.70	0.81		
		Left Cheek	0.108	0.132	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.71	0.73	0.88	0.64	1.11	1.05	0.74	0.69	1.01	0.77	1.21	1.23	1.22	1.16		
		Left Tilted	0.040	0.120	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.41	0.53	0.54	0.33	0.61	0.67	0.44	0.50	0.65	0.44	0.66	0.78	0.74	0.80		

N41 Ant 2	N41 Ant 8	Right Cheek	0.362		0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.66	0.79	0.94	0.53	0.71	0.75	0.73	0.76	1.09	0.67	0.99	1.12	0.72	0.76
		Right Tilted	0.115		0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.28	0.41	0.27	0.13	0.28	0.39	0.28	0.39	0.36	0.23	0.28	0.41	0.40	0.51
		Left Cheek	0.108		0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.58	0.60	0.75	0.51	0.98	0.92	0.61	0.55	0.87	0.63	1.08	1.10	1.08	1.03
		Left Tilted	0.040		0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.29	0.41	0.42	0.21	0.49	0.55	0.32	0.38	0.53	0.32	0.54	0.66	0.62	0.68
N77 Ant 7	N77 Ant 8	Right Cheek	0.343	0.168	0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.81	0.94	1.09	0.68	0.86	0.89	0.88	0.91	1.24	0.82	1.14	1.27	0.87	0.91
		Right Tilted	0.293	0.150	0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.61	0.74	0.59	0.46	0.60	0.72	0.60	0.72	0.69	0.56	0.61	0.74	0.73	0.84
		Left Cheek	0.146	0.374	0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.99	1.01	1.16	0.92	1.39	1.33	1.02	0.97	1.29	1.05	1.49	1.51	1.50	1.44
		Left Tilted	0.136	0.099	0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.48	0.61	0.62	0.41	0.68	0.74	0.51	0.57	0.73	0.52	0.73	0.86	0.81	0.87
N77 Ant 7	N77 Ant 9	Right Cheek	0.343		0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.64	0.77	0.93	0.51	0.69	0.73	0.71	0.74	1.07	0.65	0.97	1.10	0.70	0.74
		Right Tilted	0.293		0.095			0.169	0.151	0.161	0.292	0.017	0.274			0.46	0.59	0.44	0.31	0.45	0.57	0.45	0.57	0.54	0.41	0.46	0.59	0.45	0.57
		Left Cheek	0.146		0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.62	0.64	0.79	0.55	1.01	0.96	0.65	0.59	0.91	0.67	1.12	1.13	1.12	1.06
		Left Tilted	0.136		0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.38	0.51	0.52	0.31	0.58	0.64	0.42	0.48	0.63	0.42	0.63	0.76	0.71	0.77
N77 Ant 8	N77 Ant 10	Right Cheek	0.168		0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.47	0.60	0.75	0.34	0.52	0.55	0.53	0.57	0.89	0.48	0.80	0.93	0.53	0.56
		Right Tilted	0.150		0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.32	0.44	0.30	0.17	0.31	0.42	0.31	0.42	0.40	0.26	0.32	0.44	0.43	0.55
		Left Cheek	0.374		0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.85	0.87	1.02	0.78	1.24	1.18	0.88	0.82	1.14	0.90	1.34	1.36	1.35	1.29
		Left Tilted	0.099		0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.35	0.47	0.48	0.27	0.55	0.61	0.38	0.44	0.59	0.38	0.60	0.72	0.68	0.74
N77 Ant 9	N77 Ant 10	Right Cheek			0.128	0.344	0.110	0.184	0.483	0.251	0.317	0.068	0.284	0.099	0.113	0.30	0.43	0.58	0.17	0.35	0.38	0.36	0.40	0.72	0.31	0.63	0.76	0.36	0.39
		Right Tilted			0.095		0.123	0.169	0.151	0.161	0.292	0.017	0.274			0.17	0.29	0.15	0.02	0.16	0.27	0.16	0.27	0.25	0.11	0.17	0.29	0.28	0.40
		Left Cheek			0.488	0.131	0.472	0.474	0.277	0.503	0.491	0.038	0.445	0.365		0.47	0.49	0.64	0.40	0.87	0.81	0.50	0.45	0.77	0.53	0.97	0.99	0.98	0.92
		Left Tilted			0.279	0.081	0.299	0.247	0.213	0.279	0.374	0.005	0.339	0.169		0.25	0.37	0.38	0.17	0.45	0.51	0.28	0.34	0.49	0.28	0.50	0.62	0.58	0.64

15.2 Hotspot Exposure Conditions

Normal Mode:

	Exposure Position	1	3	4	5	6	7	8	9	10	1+6+10 Summed	1+7+9 Summed	1+8+9 Summed	1+8+10 Summed	1+3+7+10 Summed	1+4+6+9 Summed	1+5+8 Summed
		WWAN	WLAN2.4GHz Ant 4 normal	WLAN2.4GHz Ant 5 normal	WLAN2.4GHz Ant 4+5 normal	WLAN5GHz Ant 4 normal	WLAN5GHz Ant 5 normal	WLAN5GHz Ant 4+5 normal	Bluetooth Ant 4	Bluetooth Ant 5							
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
Ant 0	Front	0.501	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.09	0.87	0.82	0.92	1.40	1.35	0.97
	Back	0.694	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.28	0.99	1.01	1.04	1.43	1.54	1.22
	Left side	0.221									0.22	0.22	0.22	0.22	0.22	0.22	0.22
	Right side	0.337	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.96	1.01	0.99	1.25	1.52	1.25	1.52
	Top side		0.155		0.069	0.326		0.167			0.33	0.00	0.17	0.17	0.16	0.33	0.24
	Bottom side	0.479									0.48	0.48	0.48	0.48	0.48	0.48	0.48
Ant 1	Front	0.319	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	0.91	0.69	0.64	0.73	1.22	1.16	0.79
	Back	0.375	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	0.96	0.67	0.69	0.73	1.11	1.22	0.90
	Left side	0.290									0.29	0.29	0.29	0.29	0.29	0.29	0.29
	Right side	0.112	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.74	0.79	0.76	1.02	1.29	1.02	1.29
	Top side		0.155		0.069	0.326		0.167			0.33	0.00	0.17	0.17	0.16	0.33	0.24
	Bottom side	0.811									0.81	0.81	0.81	0.81	0.81	0.81	0.81
Ant 2	Front	0.525	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.11	0.89	0.84	0.94	1.42	1.37	0.99
	Back	0.663	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.25	0.96	0.98	1.01	1.40	1.51	1.19
	Left side	0.873									0.87	0.87	0.87	0.87	0.87	0.87	0.87
	Right side	0.111	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.74	0.79	0.76	1.02	1.29	1.02	1.29
	Top side	0.118	0.155		0.069	0.326		0.167			0.44	0.12	0.29	0.29	0.27	0.44	0.35
	Bottom side	0.063									0.06	0.06	0.06	0.06	0.06	0.06	0.06
Ant 7	Front	0.425	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.01	0.79	0.74	0.84	1.32	1.27	0.89
	Back	0.704	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.29	1.00	1.02	1.05	1.44	1.55	1.23
	Left side	0.297									0.30	0.30	0.30	0.30	0.30	0.30	0.30
	Right side	0.085	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.71	0.76	0.74	1.00	1.27	1.00	1.26
	Top side	0.646	0.155		0.069	0.326		0.167			0.97	0.65	0.81	0.81	0.80	0.97	0.88
	Bottom side										0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ant 8	Front	0.476	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.06	0.84	0.79	0.89	1.38	1.32	0.94
	Back	0.363	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	0.95	0.66	0.68	0.71	1.10	1.21	0.89
	Left side	0.801									0.80	0.80	0.80	0.80	0.80	0.80	0.80
	Right side		0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.63	0.68	0.65	0.91	1.18	0.91	1.18
	Top side		0.155		0.069	0.326		0.167			0.33	0.00	0.17	0.17	0.16	0.33	0.24
	Bottom side	0.140									0.14	0.14	0.14	0.14	0.14	0.14	0.14
Ant 9	Front		0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	0.59	0.37	0.32	0.41	0.90	0.85	0.47
	Back	0.694	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.28	0.99	1.01	1.04	1.43	1.54	1.22
	Left side	0.096									0.10	0.10	0.10	0.10	0.10	0.10	0.10
	Right side	0.104	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.73	0.78	0.76	1.02	1.29	1.02	1.28
	Top side		0.155		0.069	0.326		0.167			0.33	0.00	0.17	0.17	0.16	0.33	0.24
	Bottom side	0.155									0.16	0.16	0.16	0.16	0.16	0.16	0.16
Ant 10	Front	0.149	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	0.74	0.52	0.47	0.56	1.05	0.99	0.62
	Back	0.703	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.29	1.00	1.02	1.05	1.44	1.55	1.23
	Left side										0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Right side	0.192	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.82	0.87	0.84	1.10	1.37	1.10	1.37
	Top side		0.155		0.069	0.326		0.167			0.33	0.00	0.17	0.17	0.16	0.33	0.24
	Bottom side	0.165									0.17	0.17	0.17	0.17	0.17	0.17	0.17

Camera Mode:

	Exposure Position	1	3	4	5	6	7	8	9	10	1+6+10	1+7+9	1+8+9	1+8+10	1+3+7+10	1+4+6+9	1+5+8
		WWAN	WLAN2.4GHz Ant 5 camera	WLAN2.4GHz Ant 6 camera	WLAN2.4GHz Ant 5+6 camera	WLAN5GHz Ant 5 camera	WLAN5GHz Ant 6 camera	WLAN5GHz Ant 5+6 camera	Bluetooth Ant 5	Bluetooth Ant 6	Summed	Summed	Summed	Summed	Summed	Summed	Summed
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
Ant 0	Front	0.501	0.357		0.065	0.263		0.229	0.174		0.76	0.68	0.90	0.73	0.86	0.94	0.80
	Back	0.694	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.15	1.14	1.24	1.38	1.58	1.44	1.45
	Left side	0.221		0.099	0.103		0.156			0.089	0.31	0.38	0.22	0.31	0.47	0.32	0.32
	Right side	0.337	0.546		0.103	0.538		0.618	0.260		0.88	0.60	1.22	0.96	0.88	1.14	1.06
	Top side			0.082	0.078					0.083	0.08	0.00	0.00	0.08	0.08	0.08	0.08
	Bottom side	0.479									0.48	0.48	0.48	0.48	0.48	0.48	0.48
Ant 1	Front	0.319	0.357		0.065	0.263		0.229	0.174		0.58	0.49	0.72	0.55	0.68	0.76	0.61
	Back	0.375	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	0.83	0.82	0.92	1.07	1.26	1.12	1.13
	Left side	0.290		0.099	0.103		0.156			0.089	0.38	0.45	0.29	0.38	0.54	0.39	0.39
	Right side	0.112	0.546		0.103	0.538		0.618	0.260		0.65	0.37	0.99	0.73	0.66	0.91	0.83
	Top side			0.082	0.078					0.083	0.08	0.00	0.00	0.08	0.08	0.08	0.08
	Bottom side	0.811									0.81	0.81	0.81	0.81	0.81	0.81	0.81
Ant 2	Front	0.525	0.357		0.065	0.263		0.229	0.174		0.79	0.70	0.93	0.75	0.88	0.96	0.82
	Back	0.663	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.12	1.10	1.21	1.35	1.55	1.41	1.42
	Left side	0.873		0.099	0.103		0.156			0.089	0.96	1.03	0.87	0.96	1.12	0.97	0.98
	Right side	0.111	0.546		0.103	0.538		0.618	0.260		0.65	0.37	0.99	0.73	0.66	0.91	0.83
	Top side	0.118		0.082	0.078					0.083	0.20	0.12	0.12	0.20	0.20	0.20	0.20
	Bottom side	0.063									0.06	0.06	0.06	0.06	0.06	0.06	0.06
Ant 7	Front	0.425	0.357		0.065	0.263		0.229	0.174		0.69	0.60	0.83	0.65	0.78	0.86	0.72
	Back	0.704	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.16	1.15	1.25	1.39	**1.59**	1.45	1.46
	Left side	0.297		0.099	0.103		0.156			0.089	0.39	0.45	0.30	0.39	0.54	0.40	0.40
	Right side	0.085	0.546		0.103	0.538		0.618	0.260		0.62	0.35	0.96	0.70	0.63	0.88	0.81
	Top side	0.646		0.082	0.078					0.083	0.73	0.65	0.65	0.73	0.73	0.73	0.72
	Bottom side										0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ant 8	Front	0.476	0.357		0.065	0.263		0.229	0.174		0.74	0.65	0.88	0.71	0.83	0.91	0.77
	Back	0.363	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	0.82	0.80	0.91	1.05	1.25	1.11	1.12
	Left side	0.801		0.099	0.103		0.156			0.089	0.89	0.96	0.80	0.89	1.05	0.90	0.90
	Right side		0.546		0.103	0.538		0.618	0.260		0.54	0.26	0.88	0.62	0.55	0.80	0.72
	Top side			0.082	0.078					0.083	0.08	0.00	0.00	0.08	0.08	0.08	0.08
	Bottom side	0.140									0.14	0.14	0.14	0.14	0.14	0.14	0.14
Ant 9	Front		0.357		0.065	0.263		0.229	0.174		0.26	0.17	0.40	0.23	0.36	0.44	0.29
	Back	0.694	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.15	1.14	1.24	1.38	1.58	1.44	1.45
	Left side	0.096		0.099	0.103		0.156			0.089	0.19	0.25	0.10	0.19	0.34	0.20	0.20
	Right side	0.104	0.546		0.103	0.538		0.618	0.260		0.64	0.36	0.98	0.72	0.65	0.90	0.83
	Top side			0.082	0.078					0.083	0.08	0.00	0.00	0.08	0.08	0.08	0.08
	Bottom side	0.155									0.16	0.16	0.16	0.16	0.16	0.16	0.16
Ant 10	Front	0.149	0.357		0.065	0.263		0.229	0.174		0.41	0.32	0.55	0.38	0.51	0.59	0.44
	Back	0.703	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.16	1.14	1.25	1.39	1.59	1.45	1.46
	Left side			0.099	0.103		0.156			0.089	0.09	0.16	0.00	0.09	0.25	0.10	0.10
	Right side	0.192	0.546		0.103	0.538		0.618	0.260		0.73	0.45	1.07	0.81	0.74	0.99	0.91
	Top side			0.082	0.078					0.083	0.08	0.00	0.00	0.08	0.08	0.08	0.08
	Bottom side	0.165									0.17	0.17	0.17	0.17	0.17	0.17	0.17

<Inter CA Mode>

WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	2 WWAN 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)
Ant 0	Ant 1	Front	0.229	0.278	0.51
		Back	0.336	0.322	0.66
		Left side	0.056	0.239	0.30
		Right side	0.142	0.100	0.24
		Top side			0.00
		Bottom side	0.178	0.760	0.94
Ant 0	Ant 2	Front	0.229	0.270	0.50
		Back	0.336	0.343	0.68
		Left side	0.056	0.565	0.62
		Right side	0.142		0.14
		Top side		0.057	0.06
		Bottom side	0.178		0.18
Ant 1	Ant 2	Front	0.278	0.270	0.55
		Back	0.322	0.343	0.67
		Left side	0.239	0.565	0.80
		Right side	0.100		0.10
		Top side		0.057	0.06
		Bottom side	0.760		0.76
Ant 1	Ant 11	Front	0.278	0.200	0.48
		Back	0.322	0.231	0.55
		Left side	0.239		0.24
		Right side	0.100		0.10
		Top side		0.390	0.39
		Bottom side	0.760		0.76
Ant 2	Ant 11	Front	0.270	0.200	0.47
		Back	0.343	0.231	0.57
		Left side	0.565		0.57
		Right side			0.00
		Top side	0.057	0.390	0.45
		Bottom side			0.00

Normal Mode:

WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	2 WWAN 1g SAR (W/kg)	3 WLAN2.4GHz Ant 4 normal 1g SAR (W/kg)	4 WLAN2.4GHz Ant 5 normal 1g SAR (W/kg)	5 WLAN2.4GHz Ant 4+5 normal 1g SAR (W/kg)	6 WLAN5GHz Ant 4 normal 1g SAR (W/kg)	7 WLAN5GHz Ant 5 normal 1g SAR (W/kg)	8 WLAN5GHz Ant 4+5 normal 1g SAR (W/kg)	9 Bluetooth Ant 4 1g SAR (W/kg)	10 Bluetooth Ant 5 1g SAR (W/kg)	1+2+6+10 Summed 1g SAR (W/kg)	1+2+7+9 Summed 1g SAR (W/kg)	1+2+8+9 Summed 1g SAR (W/kg)	1+2+8+10 Summed 1g SAR (W/kg)	1+2+3+7+10 Summed 1g SAR (W/kg)	1+2+4+6+9 Summed 1g SAR (W/kg)	1+2+5+8 Summed 1g SAR (W/kg)
Ant 0	Ant 1	Front	0.229	0.278	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.09	0.88	0.82	0.92	1.41	1.35	0.97
		Back	0.336	0.322	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.24	0.96	0.97	1.01	1.39	1.51	1.18
		Left side	0.056	0.239									0.30	0.30	0.30	0.30	0.30	0.30	0.30
		Right side	0.142	0.100	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.87	0.92	0.89	1.15	1.42	1.15	1.42
		Top side			0.155		0.069	0.326		0.167			0.33	0.00	0.17	0.17	0.16	0.33	0.24
		Bottom side	0.178	0.760									0.94	0.94	0.94	0.94	0.94	0.94	0.94
Ant 0	Ant 2	Front	0.229	0.270	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.09	0.87	0.82	0.91	1.40	1.34	0.97
		Back	0.336	0.343	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.27	0.98	0.99	1.03	1.41	1.53	1.20
		Left side	0.056	0.565									0.62	0.62	0.62	0.62	0.62	0.62	0.62
		Right side	0.142		0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.77	0.82	0.79	1.05	1.32	1.05	1.32
		Top side		0.057	0.155		0.069	0.326		0.167			0.38	0.06	0.22	0.22	0.21	0.38	0.29
		Bottom side	0.178										0.18	0.18	0.18	0.18	0.18	0.18	0.18
Ant 1	Ant 2	Front	0.278	0.270	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.13	0.92	0.86	0.96	1.45	1.39	1.01
		Back	0.322	0.343	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.25	0.96	0.98	1.02	1.40	1.51	1.19
		Left side	0.239	0.565									0.80	0.80	0.80	0.80	0.80	0.80	0.80
		Right side	0.100		0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.73	0.78	0.75	1.01	1.28	1.01	1.28

		Top side		0.057	0.155		0.069	0.326		0.167			0.38	0.06	0.22	0.22	0.21	0.38	0.29
		Bottom side	0.760										0.76	0.76	0.76	0.76	0.76	0.76	0.76
Ant 1	Ant 11	Front	0.278	0.200	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.06	0.85	0.79	0.89	1.38	1.32	0.94
		Back	0.322	0.231	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.14	0.85	0.87	0.90	1.29	1.40	1.08
		Left side	0.239										0.24	0.24	0.24	0.24	0.24	0.24	0.24
		Right side	0.100		0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.73	0.78	0.75	1.01	1.28	1.01	1.28
		Top side		0.390	0.155		0.069	0.326		0.167			0.72	0.39	0.56	0.56	0.55	0.72	0.63
		Bottom side	0.760										0.76	0.76	0.76	0.76	0.76	0.76	0.76
Ant 2	Ant 11	Front	0.270	0.200	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.06	0.84	0.79	0.88	1.37	1.32	0.94
		Back	0.343	0.231	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.16	0.87	0.89	0.92	1.31	1.42	1.10
		Left side	0.565										0.57	0.57	0.57	0.57	0.57	0.57	0.57
		Right side			0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.63	0.68	0.65	0.91	1.18	0.91	1.18
		Top side	0.057	0.390	0.155		0.069	0.326		0.167			0.77	0.45	0.61	0.61	0.60	0.77	0.68
		Bottom side											0.00	0.00	0.00	0.00	0.00	0.00	0.00

Camera Mode:

WWAN Band		Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+10	1+2+7+9	1+2+8+9	1+2+8+10	1+2+3+7+10	1+2+4+6+9	1+2+5+8
			WWAN	WWAN	WLAN2.4GHz Ant 5 camera	WLAN2.4GHz Ant 6 camera	WLAN2.4GHz Ant 5+6 camera	WLAN5GHz Ant 5 camera	WLAN5GHz Ant 6 camera	WLAN5GHz Ant 5+6 camera	Bluetooth Ant 5	Bluetooth Ant 6	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
Ant 0	Ant 1	Front	0.229	0.278	0.357		0.065	0.263		0.229	0.174		0.77	0.68	0.91	0.74	0.86	0.94	0.80
		Back	0.336	0.322	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.11	1.10	1.21	1.35	1.54	1.40	1.41
		Left side	0.056	0.239		0.099	0.103		0.156			0.089	0.38	0.45	0.30	0.38	0.54	0.39	0.40
		Right side	0.142	0.100	0.546		0.103	0.538		0.618	0.260		0.78	0.50	1.12	0.86	0.79	1.04	0.96
		Top side				0.082	0.078					0.083	0.08	0.00	0.00	0.08	0.08	0.08	0.08
		Bottom side	0.178	0.760									0.94	0.94	0.94	0.94	0.94	0.94	0.94
Ant 0	Ant 2	Front	0.229	0.270	0.357		0.065	0.263		0.229	0.174		0.76	0.67	0.90	0.73	0.86	0.94	0.79
		Back	0.336	0.343	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.13	1.12	1.23	1.37	1.56	1.42	1.43
		Left side	0.056	0.565		0.099	0.103		0.156			0.089	0.71	0.78	0.62	0.71	0.87	0.72	0.72
		Right side	0.142		0.546		0.103	0.538		0.618	0.260		0.68	0.40	1.02	0.76	0.69	0.94	0.86
		Top side		0.057		0.082	0.078					0.083	0.14	0.06	0.06	0.14	0.14	0.14	0.14
		Bottom side	0.178										0.18	0.18	0.18	0.18	0.18	0.18	0.18
Ant 1	Ant 2	Front	0.278	0.270	0.357		0.065	0.263		0.229	0.174		0.81	0.72	0.95	0.78	0.91	0.99	0.84
		Back	0.322	0.343	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.12	1.11	1.21	1.36	1.55	1.41	1.42
		Left side	0.239	0.565		0.099	0.103		0.156			0.089	0.89	0.96	0.80	0.89	1.05	0.90	0.91
		Right side	0.100		0.546		0.103	0.538		0.618	0.260		0.64	0.36	0.98	0.72	0.65	0.90	0.82
		Top side		0.057		0.082	0.078					0.083	0.14	0.06	0.06	0.14	0.14	0.14	0.14
		Bottom side	0.760										0.76	0.76	0.76	0.76	0.76	0.76	0.76
Ant 1	Ant 11	Front	0.278	0.200	0.357		0.065	0.263		0.229	0.174		0.74	0.65	0.88	0.71	0.84	0.92	0.77
		Back	0.322	0.231	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.01	0.99	1.10	1.24	1.44	1.30	1.31
		Left side	0.239			0.099	0.103		0.156			0.089	0.33	0.40	0.24	0.33	0.48	0.34	0.34
		Right side	0.100		0.546		0.103	0.538		0.618	0.260		0.64	0.36	0.98	0.72	0.65	0.90	0.82
		Top side		0.390		0.082	0.078					0.083	0.47	0.39	0.39	0.47	0.47	0.47	0.47
		Bottom side	0.760										0.76	0.76	0.76	0.76	0.76	0.76	0.76
Ant 2	Ant 11	Front	0.270	0.200	0.357		0.065	0.263		0.229	0.174		0.73	0.64	0.87	0.70	0.83	0.91	0.76
		Back	0.343	0.231	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.03	1.02	1.12	1.26	1.46	1.32	1.33
		Left side	0.565			0.099	0.103		0.156			0.089	0.65	0.72	0.57	0.65	0.81	0.66	0.67
		Right side			0.546		0.103	0.538		0.618	0.260		0.54	0.26	0.88	0.62	0.55	0.80	0.72
		Top side	0.057	0.390		0.082	0.078					0.083	0.53	0.45	0.45	0.53	0.53	0.53	0.53
		Bottom side											0.00	0.00	0.00	0.00	0.00	0.00	0.00

<ENDC Mode>

WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	2 FR1 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)
LTE Ant 0	NR Ant 1	Front	0.255	0.312	0.57
		Back	0.351	0.352	0.70
		Left side	0.063	0.275	0.34
		Right side	0.163	0.121	0.28
		Top side			0.00
		Bottom side	0.172	0.779	0.95
LTE Ant 0	NR Ant 2	Front	0.255	0.343	0.60
		Back	0.351	0.340	0.69
		Left side	0.063	0.473	0.54
		Right side	0.163	0.054	0.22
		Top side		0.091	0.09
		Bottom side	0.172		0.17
LTE Ant 0	NR Ant 7	Front	0.255	0.164	0.42
		Back	0.351	0.352	0.70
		Left side	0.063	0.167	0.23
		Right side	0.163	0.045	0.21
		Top side		0.221	0.22
		Bottom side	0.172		0.17
LTE Ant 0	NR Ant 8	Front	0.255	0.317	0.57
		Back	0.351	0.205	0.56
		Left side	0.063	0.613	0.68
		Right side	0.163		0.16
		Top side			0.00
		Bottom side	0.172	0.107	0.28
LTE Ant 0	NR Ant 9	Front	0.255		0.26
		Back	0.351	0.353	0.70
		Left side	0.063	0.048	0.11
		Right side	0.163	0.053	0.22
		Top side			0.00
		Bottom side	0.172	0.750	0.92
LTE Ant 0	NR Ant 10	Front	0.255	0.071	0.33
		Back	0.351	0.352	0.70
		Left side	0.063		0.06
		Right side	0.163	0.141	0.30
		Top side			0.00
		Bottom side	0.172	0.122	0.29
LTE Ant 1	NR Ant 0	Front	0.263	0.318	0.58
		Back	0.304	0.352	0.66
		Left side	0.221	0.124	0.35
		Right side	0.074	0.255	0.33
		Top side			0.00
		Bottom side	0.743	0.285	1.03
LTE Ant 1	NR Ant 2	Front	0.263	0.343	0.61
		Back	0.304	0.340	0.64
		Left side	0.221	0.473	0.69
		Right side	0.074	0.054	0.13
		Top side		0.091	0.09
		Bottom side	0.743		0.74
LTE Ant 1	NR Ant 7	Front	0.263	0.164	0.43
		Back	0.304	0.352	0.66
		Left side	0.221	0.167	0.39

		Right side	0.074	0.045	0.12
		Top side		0.221	0.22
		Bottom side	0.743		0.74
LTE Ant 1	NR Ant 8	Front	0.263	0.317	0.58
		Back	0.304	0.205	0.51
		Left side	0.221	0.613	0.83
		Right side	0.074		0.07
		Top side			0.00
		Bottom side	0.743	0.107	0.85
LTE Ant 1	NR Ant 9	Front	0.263		0.26
		Back	0.304	0.353	0.66
		Left side	0.221	0.048	0.27
		Right side	0.074	0.053	0.13
		Top side			0.00
		Bottom side	0.743	0.750	1.49
LTE Ant 1	NR Ant 10	Front	0.263	0.071	0.33
		Back	0.304	0.352	0.66
		Left side	0.221		0.22
		Right side	0.074	0.141	0.22
		Top side			0.00
		Bottom side	0.743	0.122	0.87
LTE Ant 2	NR Ant 0	Front	0.373	0.318	0.69
		Back	0.357	0.352	0.71
		Left side	0.586	0.124	0.71
		Right side		0.255	0.26
		Top side	0.101		0.10
		Bottom side		0.285	0.29
LTE Ant 2	NR Ant 1	Front	0.373	0.312	0.69
		Back	0.357	0.352	0.71
		Left side	0.586	0.275	0.86
		Right side		0.121	0.12
		Top side	0.101		0.10
		Bottom side		0.779	0.78
LTE Ant 2	NR Ant 7	Front	0.373	0.164	0.54
		Back	0.357	0.352	0.71
		Left side	0.586	0.167	0.75
		Right side		0.045	0.05
		Top side	0.101	0.221	0.32
		Bottom side			0.00
LTE Ant 2	NR Ant 8	Front	0.373	0.317	0.69
		Back	0.357	0.205	0.56
		Left side	0.586	0.613	1.20
		Right side			0.00
		Top side	0.101		0.10
		Bottom side		0.107	0.11
LTE Ant 2	NR Ant 9	Front	0.373		0.37
		Back	0.357	0.353	0.71
		Left side	0.586	0.048	0.63
		Right side		0.053	0.05
		Top side	0.101		0.10
		Bottom side		0.750	0.75
LTE Ant 2	NR Ant 10	Front	0.373	0.071	0.44
		Back	0.357	0.352	0.71
		Left side	0.586		0.59
		Right side		0.141	0.14
		Top side	0.101		0.10

		Bottom side		0.122	0.12
LTE Ant 11	NR Ant 1	Front	0.253	0.312	0.57
		Back	0.358	0.352	0.71
		Left side	0.526	0.275	0.80
		Right side	0.036	0.121	0.16
		Top side	0.592		0.59
		Bottom side		0.779	0.78
LTE Ant 11	NR Ant 2	Front	0.253	0.343	0.60
		Back	0.358	0.340	0.70
		Left side	0.526	0.473	1.00
		Right side	0.036	0.054	0.09
		Top side	0.592	0.091	0.68
		Bottom side			0.00

Normal Mode:

WWAN Band		Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+10	1+2+7+9	1+2+8+9	1+2+8+10	1+2+3+7+10	1+2+4+6+9	1+2+5+8
			WWAN	FR1	WLAN2.4GHz Ant 4 normal	WLAN2.4GHz Ant 5 normal	WLAN2.4GHz Ant 4+5 normal	WLAN5GHz Ant 4 normal	WLAN5GHz Ant 5 normal	WLAN5GHz Ant 4+5 normal	Bluetooth Ant 4	Bluetooth Ant 5	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Ant 0	NR Ant 1	Front	0.255	0.312	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.15	0.94	0.88	0.98	1.47	1.41	1.03
		Back	0.351	0.352	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.29	1.00	1.02	1.05	1.44	1.55	1.23
		Left side	0.063	0.275									0.34	0.34	0.34	0.34	0.34	0.34	0.34
		Right side	0.163	0.121	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.91	0.96	0.94	1.20	1.47	1.20	1.46
		Top side			0.155		0.069	0.326		0.167			0.33	0.00	0.17	0.17	0.16	0.33	0.24
		Bottom side	0.172	0.779									0.95	0.95	0.95	0.95	0.95	0.95	0.95
LTE Ant 0	NR Ant 2	Front	0.255	0.343	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.18	0.97	0.91	1.01	1.50	1.44	1.06
		Back	0.351	0.340	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.28	0.99	1.00	1.04	1.42	1.54	1.22
		Left side	0.063	0.473									0.54	0.54	0.54	0.54	0.54	0.54	0.54
		Right side	0.163	0.054	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.84	0.89	0.87	1.13	1.40	1.13	1.40
		Top side		0.091	0.155		0.069	0.326		0.167			0.42	0.09	0.26	0.26	0.25	0.42	0.33
		Bottom side	0.172										0.17	0.17	0.17	0.17	0.17	0.17	0.17
LTE Ant 0	NR Ant 7	Front	0.255	0.164	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.01	0.79	0.74	0.83	1.32	1.26	0.89
		Back	0.351	0.352	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.29	1.00	1.02	1.05	1.44	1.55	1.23
		Left side	0.063	0.167									0.23	0.23	0.23	0.23	0.23	0.23	0.23
		Right side	0.163	0.045	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.83	0.88	0.86	1.12	1.39	1.12	1.39
		Top side		0.221	0.155		0.069	0.326		0.167			0.55	0.22	0.39	0.39	0.38	0.55	0.46
		Bottom side	0.172										0.17	0.17	0.17	0.17	0.17	0.17	0.17
LTE Ant 0	NR Ant 8	Front	0.255	0.317	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.16	0.94	0.89	0.99	1.47	1.42	1.04
		Back	0.351	0.205	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.14	0.85	0.87	0.91	1.29	1.41	1.08
		Left side	0.063	0.613									0.68	0.68	0.68	0.68	0.68	0.68	0.68
		Right side	0.163		0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.79	0.84	0.81	1.07	1.35	1.08	1.34
		Top side			0.155		0.069	0.326		0.167			0.33	0.00	0.17	0.17	0.16	0.33	0.24
		Bottom side	0.172	0.107									0.28	0.28	0.28	0.28	0.28	0.28	0.28
LTE Ant 0	NR Ant 9	Front	0.255		0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	0.84	0.62	0.57	0.67	1.15	1.10	0.72
		Back	0.351	0.353	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.29	1.00	1.02	1.05	1.44	1.55	1.23
		Left side	0.063	0.048									0.11	0.11	0.11	0.11	0.11	0.11	0.11
		Right side	0.163	0.053	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.84	0.89	0.87	1.13	1.40	1.13	1.40
		Top side			0.155		0.069	0.326		0.167			0.33	0.00	0.17	0.17	0.16	0.33	0.24
		Bottom side	0.172	0.750									0.92	0.92	0.92	0.92	0.92	0.92	0.92
LTE Ant 0	NR Ant 10	Front	0.255	0.071	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	0.91	0.69	0.64	0.74	1.23	1.17	0.79
		Back	0.351	0.352	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.29	1.00	1.02	1.05	1.44	1.55	1.23
		Left side	0.063										0.06	0.06	0.06	0.06	0.06	0.06	0.06
		Right side	0.163	0.141	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.93	0.98	0.96	1.22	1.49	1.22	1.48
		Top side			0.155		0.069	0.326		0.167			0.33	0.00	0.17	0.17	0.16	0.33	0.24
		Bottom side	0.172	0.122									0.29	0.29	0.29	0.29	0.29	0.29	0.29
LTE	NR	Front	0.263	0.318	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.17	0.95	0.90	1.00	1.48	1.43	1.05

Ant 1	Ant 0	Back	0.304	0.352	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.24	0.95	0.97	1.01	1.39	1.51	1.18
		Left side	0.221	0.124									0.35	0.35	0.35	0.35	0.35	0.35	0.35
		Right side	0.074	0.255	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.96	1.00	0.98	1.24	1.51	1.24	1.51
		Top side			0.155		0.069	0.326		0.167			0.33	0.00	0.17	0.17	0.16	0.33	0.24
		Bottom side	0.743	0.285									1.03	1.03	1.03	1.03	1.03	1.03	1.03
LTE Ant 1	NR Ant 2	Front	0.263	0.343	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.19	0.97	0.92	1.02	1.51	1.45	1.07
		Back	0.304	0.340	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.23	0.94	0.96	0.99	1.38	1.49	1.17
		Left side	0.221	0.473									0.69	0.69	0.69	0.69	0.69	0.69	0.69
		Right side	0.074	0.054	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.75	0.80	0.78	1.04	1.31	1.04	1.31
		Top side		0.091	0.155		0.069	0.326		0.167			0.42	0.09	0.26	0.26	0.25	0.42	0.33
		Bottom side	0.743										0.74	0.74	0.74	0.74	0.74	0.74	0.74
LTE Ant 1	NR Ant 7	Front	0.263	0.164	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.01	0.80	0.74	0.84	1.33	1.27	0.89
		Back	0.304	0.352	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.24	0.95	0.97	1.01	1.39	1.51	1.18
		Left side	0.221	0.167									0.39	0.39	0.39	0.39	0.39	0.39	0.39
		Right side	0.074	0.045	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.75	0.79	0.77	1.03	1.30	1.03	1.30
		Top side		0.221	0.155		0.069	0.326		0.167			0.55	0.22	0.39	0.39	0.38	0.55	0.46
		Bottom side	0.743										0.74	0.74	0.74	0.74	0.74	0.74	0.74
LTE Ant 1	NR Ant 8	Front	0.263	0.317	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.17	0.95	0.90	0.99	1.48	1.43	1.05
		Back	0.304	0.205	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.10	0.81	0.82	0.86	1.24	1.36	1.03
		Left side	0.221	0.613									0.83	0.83	0.83	0.83	0.83	0.83	0.83
		Right side	0.074		0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.70	0.75	0.73	0.99	1.26	0.99	1.25
		Top side			0.155		0.069	0.326		0.167			0.33	0.00	0.17	0.17	0.16	0.33	0.24
		Bottom side	0.743	0.107									0.85	0.85	0.85	0.85	0.85	0.85	0.85
LTE Ant 1	NR Ant 9	Front	0.263		0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	0.85	0.63	0.58	0.68	1.16	1.11	0.73
		Back	0.304	0.353	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.24	0.96	0.97	1.01	1.39	1.51	1.18
		Left side	0.221	0.048									0.27	0.27	0.27	0.27	0.27	0.27	0.27
		Right side	0.074	0.053	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.75	0.80	0.78	1.04	1.31	1.04	1.31
		Top side			0.155		0.069	0.326		0.167			0.33	0.00	0.17	0.17	0.16	0.33	0.24
		Bottom side	0.743	0.750									1.49	1.49	1.49	1.49	1.49	1.49	1.49
LTE Ant 1	NR Ant 10	Front	0.263	0.071	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	0.92	0.70	0.65	0.75	1.23	1.18	0.80
		Back	0.304	0.352	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.24	0.95	0.97	1.01	1.39	1.51	1.18
		Left side	0.221										0.22	0.22	0.22	0.22	0.22	0.22	0.22
		Right side	0.074	0.141	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.84	0.89	0.87	1.13	1.40	1.13	1.39
		Top side			0.155		0.069	0.326		0.167			0.33	0.00	0.17	0.17	0.16	0.33	0.24
		Bottom side	0.743	0.122									0.87	0.87	0.87	0.87	0.87	0.87	0.87
LTE Ant 2	NR Ant 0	Front	0.373	0.318	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.28	1.06	1.01	1.11	1.59	1.54	1.16
		Back	0.357	0.352	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.30	1.01	1.02	1.06	1.44	1.56	1.23
		Left side	0.586	0.124									0.71	0.71	0.71	0.71	0.71	0.71	0.71
		Right side		0.255	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.88	0.93	0.91	1.17	1.44	1.17	1.43
		Top side	0.101		0.155		0.069	0.326		0.167			0.43	0.10	0.27	0.27	0.26	0.43	0.34
		Bottom side		0.285									0.29	0.29	0.29	0.29	0.29	0.29	0.29
LTE Ant 2	NR Ant 1	Front	0.373	0.312	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.27	1.05	1.00	1.10	1.58	1.53	1.15
		Back	0.357	0.352	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.30	1.01	1.02	1.06	1.44	1.56	1.23
		Left side	0.586	0.275									0.86	0.86	0.86	0.86	0.86	0.86	0.86
		Right side		0.121	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.75	0.80	0.77	1.03	1.30	1.03	1.30
		Top side	0.101		0.155		0.069	0.326		0.167			0.43	0.10	0.27	0.27	0.26	0.43	0.34
		Bottom side		0.779									0.78	0.78	0.78	0.78	0.78	0.78	0.78
LTE Ant 2	NR Ant 7	Front	0.373	0.164	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.12	0.91	0.85	0.95	1.44	1.38	1.00
		Back	0.357	0.352	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.30	1.01	1.02	1.06	1.44	1.56	1.23
		Left side	0.586	0.167									0.75	0.75	0.75	0.75	0.75	0.75	0.75
		Right side		0.045	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.67	0.72	0.70	0.96	1.23	0.96	1.22
		Top side	0.101	0.221	0.155		0.069	0.326		0.167			0.65	0.32	0.49	0.49	0.48	0.65	0.56
		Bottom side											0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTE Ant 2	NR Ant 8	Front	0.373	0.317	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.28	1.06	1.01	1.10	1.59	1.54	1.16
		Back	0.357	0.205	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.15	0.86	0.88	0.91	1.29	1.41	1.09
		Left side	0.586	0.613									1.20	1.20	1.20	1.20	1.20	1.20	1.20

		Right side			0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.63	0.68	0.65	0.91	1.18	0.91	1.18
		Top side	0.101		0.155		0.069	0.326		0.167			0.43	0.10	0.27	0.27	0.26	0.43	0.34
		Bottom side		0.107									0.11	0.11	0.11	0.11	0.11	0.11	0.11
LTE Ant 2	NR Ant 9	Front	0.373		0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	0.96	0.74	0.69	0.79	1.27	1.22	0.84
		Back	0.357	0.353	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.30	1.01	1.02	1.06	1.44	1.56	1.23
		Left side	0.586	0.048									0.63	0.63	0.63	0.63	0.63	0.63	0.63
		Right side		0.053	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.68	0.73	0.70	0.96	1.24	0.97	1.23
		Top side	0.101		0.155		0.069	0.326		0.167			0.43	0.10	0.27	0.27	0.26	0.43	0.34
		Bottom side		0.750									0.75	0.75	0.75	0.75	0.75	0.75	0.75
LTE Ant 2	NR Ant 10	Front	0.373	0.071	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.03	0.81	0.76	0.86	1.34	1.29	0.91
		Back	0.357	0.352	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.30	1.01	1.02	1.06	1.44	1.56	1.23
		Left side	0.586										0.59	0.59	0.59	0.59	0.59	0.59	0.59
		Right side		0.141	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.77	0.82	0.79	1.05	1.32	1.05	1.32
		Top side	0.101		0.155		0.069	0.326		0.167			0.43	0.10	0.27	0.27	0.26	0.43	0.34
		Bottom side		0.122									0.12	0.12	0.12	0.12	0.12	0.12	0.12
LTE Ant 11	NR Ant 1	Front	0.253	0.312	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.15	0.93	0.88	0.98	1.46	1.41	1.03
		Back	0.358	0.352	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.30	1.01	1.02	1.06	1.44	1.56	1.23
		Left side	0.526	0.275									0.80	0.80	0.80	0.80	0.80	0.80	0.80
		Right side	0.036	0.121	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.78	0.83	0.81	1.07	1.34	1.07	1.34
		Top side	0.592		0.155		0.069	0.326		0.167			0.92	0.59	0.76	0.76	0.75	0.92	0.83
		Bottom side		0.779									0.78	0.78	0.78	0.78	0.78	0.78	0.78
LTE Ant 11	NR Ant 2	Front	0.253	0.343	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.18	0.96	0.91	1.01	1.50	1.44	1.06
		Back	0.358	0.340	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.28	1.00	1.01	1.05	1.43	1.55	1.22
		Left side	0.526	0.473									1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Right side	0.036	0.054	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.72	0.77	0.74	1.00	1.27	1.00	1.27
		Top side	0.592	0.091	0.155		0.069	0.326		0.167			1.01	0.68	0.85	0.85	0.84	1.01	0.92
		Bottom side											0.00	0.00	0.00	0.00	0.00	0.00	0.00

Camera Mode:

WWAN Band		Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+10	1+2+7+9	1+2+8+9	1+2+8+10	1+2+3+7+10	1+2+4+6+9	1+2+5+8
			WWAN	FR1	WLAN2.4GHz Ant 5 camera	WLAN2.4GHz Ant 6 camera	WLAN2.4GHz Ant 5+6 camera	WLAN5GHz Ant 5 camera	WLAN5GHz Ant 6 camera	WLAN5GHz Ant 5+6 camera	Bluetooth Ant 5	Bluetooth Ant 6	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Ant 0	NR Ant 1	Front	0.255	0.312	0.357		0.065	0.263		0.229	0.174		0.83	0.74	0.97	0.80	0.92	1.00	0.86
		Back	0.351	0.352	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.16	1.14	1.25	1.39	1.59	1.45	1.46
		Left side	0.063	0.275		0.099	0.103		0.156			0.089	0.43	0.49	0.34	0.43	0.58	0.44	0.44
		Right side	0.163	0.121	0.546		0.103	0.538		0.618	0.260		0.82	0.54	1.16	0.90	0.83	1.08	1.01
		Top side				0.082	0.078					0.083	0.08	0.00	0.00	0.08	0.08	0.08	0.08
		Bottom side	0.172	0.779									0.95	0.95	0.95	0.95	0.95	0.95	0.95
LTE Ant 0	NR Ant 2	Front	0.255	0.343	0.357		0.065	0.263		0.229	0.174		0.86	0.77	1.00	0.83	0.96	1.04	0.89
		Back	0.351	0.340	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.15	1.13	1.24	1.38	1.58	1.43	1.44
		Left side	0.063	0.473		0.099	0.103		0.156			0.089	0.63	0.69	0.54	0.63	0.78	0.64	0.64
		Right side	0.163	0.054	0.546		0.103	0.538		0.618	0.260		0.76	0.48	1.10	0.84	0.76	1.02	0.94
		Top side		0.091		0.082	0.078					0.083	0.17	0.09	0.09	0.17	0.17	0.17	0.17
		Bottom side	0.172										0.17	0.17	0.17	0.17	0.17	0.17	0.17
LTE Ant 0	NR Ant 7	Front	0.255	0.164	0.357		0.065	0.263		0.229	0.174		0.68	0.59	0.82	0.65	0.78	0.86	0.71
		Back	0.351	0.352	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.16	1.14	1.25	1.39	1.59	1.45	1.46
		Left side	0.063	0.167		0.099	0.103		0.156			0.089	0.32	0.39	0.23	0.32	0.48	0.33	0.33
		Right side	0.163	0.045	0.546		0.103	0.538		0.618	0.260		0.75	0.47	1.09	0.83	0.75	1.01	0.93
		Top side		0.221		0.082	0.078					0.083	0.30	0.22	0.22	0.30	0.30	0.30	0.30
		Bottom side	0.172										0.17	0.17	0.17	0.17	0.17	0.17	0.17
LTE Ant 0	NR Ant 8	Front	0.255	0.317	0.357		0.065	0.263		0.229	0.174		0.84	0.75	0.98	0.80	0.93	1.01	0.87
		Back	0.351	0.205	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.01	1.00	1.10	1.25	1.44	1.30	1.31
		Left side	0.063	0.613		0.099	0.103		0.156			0.089	0.77	0.83	0.68	0.77	0.92	0.78	0.78
		Right side	0.163		0.546		0.103	0.538		0.618	0.260		0.70	0.42	1.04	0.78	0.71	0.96	0.88
		Top side				0.082	0.078					0.083	0.08	0.00	0.00	0.08	0.08	0.08	0.08

		Bottom side	0.172	0.107									0.28	0.28	0.28	0.28	0.28	0.28	0.28
LTE Ant 0	NR Ant 9	Front	0.255		0.357		0.065	0.263		0.229	0.174		0.52	0.43	0.66	0.48	0.61	0.69	0.55
		Back	0.351	0.353	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.16	1.15	1.25	1.39	1.59	1.45	1.46
		Left side	0.063	0.048		0.099	0.103		0.156			0.089	0.20	0.27	0.11	0.20	0.36	0.21	0.21
		Right side	0.163	0.053	0.546		0.103	0.538		0.618	0.260		0.75	0.48	1.09	0.83	0.76	1.01	0.94
		Top side				0.082	0.078					0.083	0.08	0.00	0.00	0.08	0.08	0.08	0.08
		Bottom side	0.172	0.750									0.92	0.92	0.92	0.92	0.92	0.92	0.92
LTE Ant 0	NR Ant 10	Front	0.255	0.071	0.357		0.065	0.263		0.229	0.174		0.59	0.50	0.73	0.56	0.68	0.76	0.62
		Back	0.351	0.352	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.16	1.14	1.25	1.39	1.59	1.45	1.46
		Left side	0.063			0.099	0.103		0.156			0.089	0.15	0.22	0.06	0.15	0.31	0.16	0.17
		Right side	0.163	0.141	0.546		0.103	0.538		0.618	0.260		0.84	0.56	1.18	0.92	0.85	1.10	1.03
		Top side				0.082	0.078					0.083	0.08	0.00	0.00	0.08	0.08	0.08	0.08
		Bottom side	0.172	0.122									0.29	0.29	0.29	0.29	0.29	0.29	0.29
LTE Ant 1	NR Ant 0	Front	0.263	0.318	0.357		0.065	0.263		0.229	0.174		0.84	0.76	0.98	0.81	0.94	1.02	0.88
		Back	0.304	0.352	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.11	1.10	1.20	1.35	1.54	1.40	1.41
		Left side	0.221	0.124		0.099	0.103		0.156			0.089	0.43	0.50	0.35	0.43	0.59	0.44	0.45
		Right side	0.074	0.255	0.546		0.103	0.538		0.618	0.260		0.87	0.59	1.21	0.95	0.88	1.13	1.05
		Top side				0.082	0.078					0.083	0.08	0.00	0.00	0.08	0.08	0.08	0.08
		Bottom side	0.743	0.285									1.03	1.03	1.03	1.03	1.03	1.03	1.03
LTE Ant 1	NR Ant 2	Front	0.263	0.343	0.357		0.065	0.263		0.229	0.174		0.87	0.78	1.01	0.84	0.96	1.04	0.90
		Back	0.304	0.340	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.10	1.09	1.19	1.33	1.53	1.39	1.40
		Left side	0.221	0.473		0.099	0.103		0.156			0.089	0.78	0.85	0.69	0.78	0.94	0.79	0.80
		Right side	0.074	0.054	0.546		0.103	0.538		0.618	0.260		0.67	0.39	1.01	0.75	0.67	0.93	0.85
		Top side		0.091		0.082	0.078					0.083	0.17	0.09	0.09	0.17	0.17	0.17	0.17
		Bottom side	0.743										0.74	0.74	0.74	0.74	0.74	0.74	0.74
LTE Ant 1	NR Ant 7	Front	0.263	0.164	0.357		0.065	0.263		0.229	0.174		0.69	0.60	0.83	0.66	0.78	0.86	0.72
		Back	0.304	0.352	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.11	1.10	1.20	1.35	1.54	1.40	1.41
		Left side	0.221	0.167		0.099	0.103		0.156			0.089	0.48	0.54	0.39	0.48	0.63	0.49	0.49
		Right side	0.074	0.045	0.546		0.103	0.538		0.618	0.260		0.66	0.38	1.00	0.74	0.67	0.92	0.84
		Top side		0.221		0.082	0.078					0.083	0.30	0.22	0.22	0.30	0.30	0.30	0.30
		Bottom side	0.743										0.74	0.74	0.74	0.74	0.74	0.74	0.74
LTE Ant 1	NR Ant 8	Front	0.263	0.317	0.357		0.065	0.263		0.229	0.174		0.84	0.75	0.98	0.81	0.94	1.02	0.87
		Back	0.304	0.205	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	0.96	0.95	1.06	1.20	1.39	1.25	1.26
		Left side	0.221	0.613		0.099	0.103		0.156			0.089	0.92	0.99	0.83	0.92	1.08	0.93	0.94
		Right side	0.074		0.546		0.103	0.538		0.618	0.260		0.61	0.33	0.95	0.69	0.62	0.87	0.80
		Top side				0.082	0.078					0.083	0.08	0.00	0.00	0.08	0.08	0.08	0.08
		Bottom side	0.743	0.107									0.85	0.85	0.85	0.85	0.85	0.85	0.85
LTE Ant 1	NR Ant 9	Front	0.263		0.357		0.065	0.263		0.229	0.174		0.53	0.44	0.67	0.49	0.62	0.70	0.56
		Back	0.304	0.353	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.11	1.10	1.20	1.35	1.54	1.40	1.41
		Left side	0.221	0.048		0.099	0.103		0.156			0.089	0.36	0.43	0.27	0.36	0.51	0.37	0.37
		Right side	0.074	0.053	0.546		0.103	0.538		0.618	0.260		0.67	0.39	1.01	0.75	0.67	0.93	0.85
		Top side				0.082	0.078					0.083	0.08	0.00	0.00	0.08	0.08	0.08	0.08
		Bottom side	0.743	0.750									1.49	1.49	1.49	1.49	1.49	1.49	1.49
LTE Ant 1	NR Ant 10	Front	0.263	0.071	0.357		0.065	0.263		0.229	0.174		0.60	0.51	0.74	0.56	0.69	0.77	0.63
		Back	0.304	0.352	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.11	1.10	1.20	1.35	1.54	1.40	1.41
		Left side	0.221			0.099	0.103		0.156			0.089	0.31	0.38	0.22	0.31	0.47	0.32	0.32
		Right side	0.074	0.141	0.546		0.103	0.538		0.618	0.260		0.75	0.48	1.09	0.83	0.76	1.01	0.94
		Top side				0.082	0.078					0.083	0.08	0.00	0.00	0.08	0.08	0.08	0.08
		Bottom side	0.743	0.122									0.87	0.87	0.87	0.87	0.87	0.87	0.87
LTE Ant 2	NR Ant 0	Front	0.373	0.318	0.357		0.065	0.263		0.229	0.174		0.95	0.87	1.09	0.92	1.05	1.13	0.99
		Back	0.357	0.352	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.16	1.15	1.26	1.40	1.59	1.45	1.46
		Left side	0.586	0.124		0.099	0.103		0.156			0.089	0.80	0.87	0.71	0.80	0.96	0.81	0.81
		Right side		0.255	0.546		0.103	0.538		0.618	0.260		0.79	0.52	1.13	0.87	0.80	1.05	0.98
		Top side	0.101			0.082	0.078					0.083	0.18	0.10	0.10	0.18	0.18	0.18	0.18
		Bottom side		0.285									0.29	0.29	0.29	0.29	0.29	0.29	0.29
LTE	NR	Front	0.373	0.312	0.357		0.065	0.263		0.229	0.174		0.95	0.86	1.09	0.91	1.04	1.12	0.98

Ant 2	Ant 1	Back	0.357	0.352	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.16	1.15	1.26	1.40	1.59	1.45	1.46
		Left side	0.586	0.275		0.099	0.103		0.156			0.089	0.95	1.02	0.86	0.95	1.11	0.96	0.96
		Right side		0.121	0.546		0.103	0.538		0.618	0.260		0.66	0.38	1.00	0.74	0.67	0.92	0.84
		Top side	0.101			0.082	0.078					0.083	0.18	0.10	0.10	0.18	0.18	0.18	0.18
		Bottom side		0.779									0.78	0.78	0.78	0.78	0.78	0.78	0.78
LTE Ant 2	NR Ant 7	Front	0.373	0.164	0.357		0.065	0.263		0.229	0.174		0.80	0.71	0.94	0.77	0.89	0.97	0.83
		Back	0.357	0.352	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.16	1.15	1.26	1.40	1.59	1.45	1.46
		Left side	0.586	0.167		0.099	0.103		0.156			0.089	0.84	0.91	0.75	0.84	1.00	0.85	0.86
		Right side		0.045	0.546		0.103	0.538		0.618	0.260		0.58	0.31	0.92	0.66	0.59	0.84	0.77
		Top side	0.101	0.221		0.082	0.078					0.083	0.41	0.32	0.32	0.41	0.41	0.40	0.40
		Bottom side											0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTE Ant 2	NR Ant 8	Front	0.373	0.317	0.357		0.065	0.263		0.229	0.174		0.95	0.86	1.09	0.92	1.05	1.13	0.98
		Back	0.357	0.205	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.02	1.00	1.11	1.25	1.45	1.31	1.32
		Left side	0.586	0.613		0.099	0.103		0.156			0.089	1.29	1.36	1.20	1.29	1.44	1.30	1.30
		Right side			0.546		0.103	0.538		0.618	0.260		0.54	0.26	0.88	0.62	0.55	0.80	0.72
		Top side	0.101			0.082	0.078					0.083	0.18	0.10	0.10	0.18	0.18	0.18	0.18
		Bottom side		0.107									0.11	0.11	0.11	0.11	0.11	0.11	0.11
LTE Ant 2	NR Ant 9	Front	0.373		0.357		0.065	0.263		0.229	0.174		0.64	0.55	0.78	0.60	0.73	0.81	0.67
		Back	0.357	0.353	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.17	1.15	1.26	1.40	1.59	1.45	1.46
		Left side	0.586	0.048		0.099	0.103		0.156			0.089	0.72	0.79	0.63	0.72	0.88	0.73	0.74
		Right side		0.053	0.546		0.103	0.538		0.618	0.260		0.59	0.31	0.93	0.67	0.60	0.85	0.77
		Top side	0.101			0.082	0.078					0.083	0.18	0.10	0.10	0.18	0.18	0.18	0.18
		Bottom side		0.750									0.75	0.75	0.75	0.75	0.75	0.75	0.75
LTE Ant 2	NR Ant 10	Front	0.373	0.071	0.357		0.065	0.263		0.229	0.174		0.71	0.62	0.85	0.67	0.80	0.88	0.74
		Back	0.357	0.352	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.16	1.15	1.26	1.40	1.59	1.45	1.46
		Left side	0.586			0.099	0.103		0.156			0.089	0.68	0.74	0.59	0.68	0.83	0.69	0.69
		Right side		0.141	0.546		0.103	0.538		0.618	0.260		0.68	0.40	1.02	0.76	0.69	0.94	0.86
		Top side	0.101			0.082	0.078					0.083	0.18	0.10	0.10	0.18	0.18	0.18	0.18
		Bottom side		0.122									0.12	0.12	0.12	0.12	0.12	0.12	0.12
LTE Ant 11	NR Ant 1	Front	0.253	0.312	0.357		0.065	0.263		0.229	0.174		0.83	0.74	0.97	0.79	0.92	1.00	0.86
		Back	0.358	0.352	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.17	1.15	1.26	1.40	1.59	1.45	1.46
		Left side	0.526	0.275		0.099	0.103		0.156			0.089	0.89	0.96	0.80	0.89	1.05	0.90	0.90
		Right side	0.036	0.121	0.546		0.103	0.538		0.618	0.260		0.70	0.42	1.04	0.78	0.70	0.96	0.88
		Top side	0.592			0.082	0.078					0.083	0.68	0.59	0.59	0.68	0.68	0.67	0.67
		Bottom side		0.779									0.78	0.78	0.78	0.78	0.78	0.78	0.78
LTE Ant 11	NR Ant 2	Front	0.253	0.343	0.357		0.065	0.263		0.229	0.174		0.86	0.77	1.00	0.83	0.95	1.03	0.89
		Back	0.358	0.340	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.15	1.14	1.25	1.39	1.58	1.44	1.45
		Left side	0.526	0.473		0.099	0.103		0.156			0.089	1.09	1.16	1.00	1.09	1.24	1.10	1.10
		Right side	0.036	0.054	0.546		0.103	0.538		0.618	0.260		0.63	0.35	0.97	0.71	0.64	0.89	0.81
		Top side	0.592	0.091		0.082	0.078					0.083	0.77	0.68	0.68	0.77	0.77	0.77	0.76
		Bottom side											0.00	0.00	0.00	0.00	0.00	0.00	0.00

<UL-MIMO SAR>

FR1 Band		Exposure Position	1 FR1 1g SAR (W/kg)	2 FR1 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)
N41 Ant 1	N41 Ant 7	Front	0.238	0.272	0.51
		Back	0.360	0.333	0.69
		Left side	0.193	0.102	0.30
		Right side			0.00
		Top side		0.438	0.44
		Bottom side	0.773		0.77
N41 Ant 1	N41 Ant 8	Front	0.238	0.251	0.49
		Back	0.360	0.296	0.66
		Left side	0.193	0.654	0.85
		Right side			0.00

		Top side			0.00
		Bottom side	0.773	0.059	0.83
N41 Ant 2	N41 Ant 7	Front	0.206	0.272	0.48
		Back	0.353	0.333	0.69
		Left side	0.519	0.102	0.62
		Right side	0.040		0.04
		Top side	0.036	0.438	0.47
		Bottom side			0.00
N41 Ant 2	N41 Ant 8	Front	0.206	0.251	0.46
		Back	0.353	0.296	0.65
		Left side	0.519	0.654	1.17
		Right side	0.040		0.04
		Top side	0.036		0.04
		Bottom side		0.059	0.06
N77 Ant 7	N77 Ant 8	Front	0.182	0.395	0.58
		Back	0.371	0.263	0.63
		Left side	0.156	0.758	0.91
		Right side	0.095		0.10
		Top side	0.262		0.26
		Bottom side		0.140	0.14
N77 Ant 7	N77 Ant 9	Front	0.182		0.18
		Back	0.371	0.338	0.71
		Left side	0.156	0.042	0.20
		Right side	0.095	0.044	0.14
		Top side	0.262		0.26
		Bottom side		0.068	0.07
N77 Ant 8	N77 Ant 10	Front	0.395	0.085	0.48
		Back	0.263	0.328	0.59
		Left side	0.758		0.76
		Right side		0.108	0.11
		Top side			0.00
		Bottom side	0.140	0.101	0.24
N77 Ant 9	N77 Ant 10	Front		0.085	0.09
		Back	0.338	0.328	0.67
		Left side	0.042		0.04
		Right side	0.044	0.108	0.15
		Top side			0.00
		Bottom side	0.068	0.101	0.17

Normal Mode:

FR1 Band		Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+10	1+2+7+9	1+2+8+9	1+2+8+10	1+2+3+7+10	1+2+4+6+9	1+2+5+8
			FR1	FR1	WLAN2.4GHz Ant 4 normal	WLAN2.4GHz Ant 5 normal	WLAN2.4GHz Ant 4+5 normal	WLAN5GHz Ant 4 normal	WLAN5GHz Ant 5 normal	WLAN5GHz Ant 4+5 normal	Bluetooth Ant 4	Bluetooth Ant 5	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
N41 Ant 1	N41 Ant 7	Front	0.238	0.272	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.10	0.88	0.83	0.92	1.41	1.36	0.98
		Back	0.360	0.333	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.28	0.99	1.01	1.04	1.43	1.54	1.22
		Left side	0.193	0.102									0.30	0.30	0.30	0.30	0.30	0.30	0.30
		Right side			0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.63	0.68	0.65	0.91	1.18	0.91	1.18
		Top side		0.438	0.155		0.069	0.326		0.167			0.76	0.44	0.61	0.61	0.59	0.76	0.67
		Bottom side	0.773										0.77	0.77	0.77	0.77	0.77	0.77	0.77
N41 Ant 1	N41 Ant 8	Front	0.238	0.251	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.08	0.86	0.81	0.90	1.39	1.33	0.96
		Back	0.360	0.296	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.24	0.95	0.97	1.01	1.39	1.51	1.18
		Left side	0.193	0.654									0.85	0.85	0.85	0.85	0.85	0.85	0.85
		Right side			0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.63	0.68	0.65	0.91	1.18	0.91	1.18
		Top side			0.155		0.069	0.326		0.167			0.33	0.00	0.17	0.17	0.16	0.33	0.24
		Bottom side	0.773	0.059									0.83	0.83	0.83	0.83	0.83	0.83	0.83
N41 Ant 2	N41 Ant 7	Front	0.206	0.272	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.06	0.85	0.79	0.89	1.38	1.32	0.94

		Back	0.353	0.333	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.27	0.98	1.00	1.04	1.42	1.54	1.21
		Left side	0.519	0.102									0.62	0.62	0.62	0.62	0.62	0.62	0.62
		Right side	0.040		0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.67	0.72	0.69	0.95	1.22	0.95	1.22
		Top side	0.036	0.438	0.155		0.069	0.326		0.167			0.80	0.47	0.64	0.64	0.63	0.80	0.71
		Bottom side											0.00	0.00	0.00	0.00	0.00	0.00	0.00
N41 Ant 2	N41 Ant 8	Front	0.206	0.251	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.04	0.83	0.77	0.87	1.36	1.30	0.92
		Back	0.353	0.296	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.24	0.95	0.96	1.00	1.38	1.50	1.17
		Left side	0.519	0.654									1.17	1.17	1.17	1.17	1.17	1.17	1.17
		Right side	0.040		0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.67	0.72	0.69	0.95	1.22	0.95	1.22
		Top side	0.036		0.155		0.069	0.326		0.167			0.36	0.04	0.20	0.20	0.19	0.36	0.27
		Bottom side		0.059									0.06	0.06	0.06	0.06	0.06	0.06	0.06
N77 Ant 7	N77 Ant 8	Front	0.182	0.395	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.16	0.95	0.89	0.99	1.48	1.42	1.04
		Back	0.371	0.263	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.22	0.93	0.95	0.98	1.37	1.48	1.16
		Left side	0.156	0.758									0.91	0.91	0.91	0.91	0.91	0.91	0.91
		Right side	0.095		0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.72	0.77	0.75	1.01	1.28	1.01	1.27
		Top side	0.262		0.155		0.069	0.326		0.167			0.59	0.26	0.43	0.43	0.42	0.59	0.50
		Bottom side		0.140									0.14	0.14	0.14	0.14	0.14	0.14	0.14
N77 Ant 7	N77 Ant 9	Front	0.182		0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	0.77	0.55	0.50	0.60	1.08	1.03	0.65
		Back	0.371	0.338	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.30	1.01	1.02	1.06	1.44	1.56	1.23
		Left side	0.156	0.042									0.20	0.20	0.20	0.20	0.20	0.20	0.20
		Right side	0.095	0.044	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.77	0.81	0.79	1.05	1.32	1.05	1.32
		Top side	0.262		0.155		0.069	0.326		0.167			0.59	0.26	0.43	0.43	0.42	0.59	0.50
		Bottom side		0.068									0.07	0.07	0.07	0.07	0.07	0.07	0.07
N77 Ant 8	N77 Ant 10	Front	0.395	0.085	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	1.07	0.85	0.80	0.89	1.38	1.33	0.95
		Back	0.263	0.328	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.18	0.89	0.90	0.94	1.32	1.44	1.12
		Left side	0.758										0.76	0.76	0.76	0.76	0.76	0.76	0.76
		Right side		0.108	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.73	0.78	0.76	1.02	1.29	1.02	1.29
		Top side			0.155		0.069	0.326		0.167			0.33	0.00	0.17	0.17	0.16	0.33	0.24
		Bottom side	0.140	0.101									0.24	0.24	0.24	0.24	0.24	0.24	0.24
N77 Ant 9	N77 Ant 10	Front		0.085	0.433	0.357	0.226	0.412	0.292	0.240	0.076	0.174	0.67	0.45	0.40	0.50	0.98	0.93	0.55
		Back	0.338	0.328	0.397	0.300	0.283	0.477	0.226	0.241	0.072	0.109	1.25	0.96	0.98	1.02	1.40	1.52	1.19
		Left side	0.042										0.04	0.04	0.04	0.04	0.04	0.04	0.04
		Right side	0.044	0.108	0.247	0.546	0.528	0.366	0.675	0.651		0.260	0.78	0.83	0.80	1.06	1.33	1.06	1.33
		Top side			0.155		0.069	0.326		0.167			0.33	0.00	0.17	0.17	0.16	0.33	0.24
		Bottom side	0.068	0.101									0.17	0.17	0.17	0.17	0.17	0.17	0.17

Camera Mode:

FR1 Band		Exposure Position	1	2	3	4	5	6	7	8	9	10	1+2+6+10	1+2+7+9	1+2+8+9	1+2+8+10	1+2+3+7+10	1+2+4+6+9	1+2+5+8
			FR1	FR1	WLAN2.4GHz Ant 5 camera	WLAN2.4GHz Ant 6 camera	WLAN2.4GHz Ant 5+6 camera	WLAN5GHz Ant 5 camera	WLAN5GHz Ant 6 camera	WLAN5GHz Ant 5+6 camera	Bluetooth Ant 5	Bluetooth Ant 6	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
N41 Ant 1	N41 Ant 7	Front	0.238	0.272	0.357		0.065	0.263		0.229	0.174		0.77	0.68	0.91	0.74	0.87	0.95	0.80
		Back	0.360	0.333	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.15	1.13	1.24	1.38	1.58	1.44	1.45
		Left side	0.193	0.102		0.099	0.103		0.156			0.089	0.38	0.45	0.30	0.38	0.54	0.39	0.40
		Right side			0.546		0.103	0.538		0.618	0.260		0.54	0.26	0.88	0.62	0.55	0.80	0.72
		Top side		0.438		0.082	0.078					0.083	0.52	0.44	0.44	0.52	0.52	0.52	0.52
		Bottom side	0.773										0.77	0.77	0.77	0.77	0.77	0.77	0.77
N41 Ant 1	N41 Ant 8	Front	0.238	0.251	0.357		0.065	0.263		0.229	0.174		0.75	0.66	0.89	0.72	0.85	0.93	0.78
		Back	0.360	0.296	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.11	1.10	1.20	1.35	1.54	1.40	1.41
		Left side	0.193	0.654		0.099	0.103		0.156			0.089	0.94	1.00	0.85	0.94	1.09	0.95	0.95
		Right side			0.546		0.103	0.538		0.618	0.260		0.54	0.26	0.88	0.62	0.55	0.80	0.72
		Top side				0.082	0.078					0.083	0.08	0.00	0.00	0.08	0.08	0.08	0.08
		Bottom side	0.773	0.059									0.83	0.83	0.83	0.83	0.83	0.83	0.83
N41 Ant 2	N41 Ant 7	Front	0.206	0.272	0.357		0.065	0.263		0.229	0.174		0.74	0.65	0.88	0.71	0.84	0.92	0.77
		Back	0.353	0.333	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.14	1.13	1.23	1.38	1.57	1.43	1.44
		Left side	0.519	0.102		0.099	0.103		0.156			0.089	0.71	0.78	0.62	0.71	0.87	0.72	0.72

		Right side	0.040		0.546		0.103	0.538		0.618	0.260		0.58	0.30	0.92	0.66	0.59	0.84	0.76
		Top side	0.036	0.438		0.082	0.078					0.083	0.56	0.47	0.47	0.56	0.56	0.56	0.55
		Bottom side											0.00	0.00	0.00	0.00	0.00	0.00	0.00
N41 Ant 2	N41 Ant 8	Front	0.206	0.251	0.357		0.065	0.263		0.229	0.174		0.72	0.63	0.86	0.69	0.81	0.89	0.75
		Back	0.353	0.296	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.10	1.09	1.20	1.34	1.53	1.39	1.40
		Left side	0.519	0.654		0.099	0.103		0.156			0.089	1.26	1.33	1.17	1.26	1.42	1.27	1.28
		Right side	0.040		0.546		0.103	0.538		0.618	0.260		0.58	0.30	0.92	0.66	0.59	0.84	0.76
		Top side	0.036			0.082	0.078					0.083	0.12	0.04	0.04	0.12	0.12	0.12	0.11
		Bottom side		0.059									0.06	0.06	0.06	0.06	0.06	0.06	0.06
N77 Ant 7	N77 Ant 8	Front	0.182	0.395	0.357		0.065	0.263		0.229	0.174		0.84	0.75	0.98	0.81	0.93	1.01	0.87
		Back	0.371	0.263	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.09	1.08	1.18	1.32	1.52	1.38	1.39
		Left side	0.156	0.758		0.099	0.103		0.156			0.089	1.00	1.07	0.91	1.00	1.16	1.01	1.02
		Right side	0.095		0.546		0.103	0.538		0.618	0.260		0.63	0.36	0.97	0.71	0.64	0.89	0.82
		Top side	0.262			0.082	0.078					0.083	0.35	0.26	0.26	0.35	0.35	0.34	0.34
		Bottom side		0.140									0.14	0.14	0.14	0.14	0.14	0.14	0.14
N77 Ant 7	N77 Ant 9	Front	0.182		0.357		0.065	0.263		0.229	0.174		0.45	0.36	0.59	0.41	0.54	0.62	0.48
		Back	0.371	0.338	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.16	1.15	1.26	1.40	1.59	1.45	1.46
		Left side	0.156	0.042		0.099	0.103		0.156			0.089	0.29	0.35	0.20	0.29	0.44	0.30	0.30
		Right side	0.095	0.044	0.546		0.103	0.538		0.618	0.260		0.68	0.40	1.02	0.76	0.69	0.94	0.86
		Top side	0.262			0.082	0.078					0.083	0.35	0.26	0.26	0.35	0.35	0.34	0.34
		Bottom side		0.068									0.07	0.07	0.07	0.07	0.07	0.07	0.07
N77 Ant 8	N77 Ant 10	Front	0.395	0.085	0.357		0.065	0.263		0.229	0.174		0.74	0.65	0.88	0.71	0.84	0.92	0.77
		Back	0.263	0.328	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.05	1.03	1.14	1.28	1.48	1.33	1.34
		Left side	0.758			0.099	0.103		0.156			0.089	0.85	0.91	0.76	0.85	1.00	0.86	0.86
		Right side		0.108	0.546		0.103	0.538		0.618	0.260		0.65	0.37	0.99	0.73	0.65	0.91	0.83
		Top side				0.082	0.078					0.083	0.08	0.00	0.00	0.08	0.08	0.08	0.08
		Bottom side	0.140	0.101									0.24	0.24	0.24	0.24	0.24	0.24	0.24
N77 Ant 9	N77 Ant 10	Front		0.085	0.357		0.065	0.263		0.229	0.174		0.35	0.26	0.49	0.31	0.44	0.52	0.38
		Back	0.338	0.328	0.300	0.431	0.315	0.203	0.332	0.438	0.109	0.252	1.12	1.11	1.21	1.36	1.55	1.41	1.42
		Left side	0.042			0.099	0.103		0.156			0.089	0.13	0.20	0.04	0.13	0.29	0.14	0.15
		Right side	0.044	0.108	0.546		0.103	0.538		0.618	0.260		0.69	0.41	1.03	0.77	0.70	0.95	0.87
		Top side				0.082	0.078					0.083	0.08	0.00	0.00	0.08	0.08	0.08	0.08
		Bottom side	0.068	0.101									0.17	0.17	0.17	0.17	0.17	0.17	0.17

15.3 Body-Worn Accessory Exposure Conditions

Normal Mode:

WWAN Band	Exposure Position	1	3	4	5	6	7	8	9	10	11	12	13	1+6+13	1+9+13	1+7+12	1+10+12	1+8+12	1+11+12	1+8+13	1+11+13	1+3+7+13	1+3+10+13	1+4+6+12	1+4+9+12	1+5+8	1+5+11
		WWAN	WLAN2.4GHz Ant 4 normal	WLAN2.4GHz Ant 5 normal	WLAN2.4GHz Ant 4+5 normal	WLAN5GHz Ant 4 normal	WLAN5GHz Ant 5 normal	WLAN5GHz Ant 4+5 normal	WLAN6GHz Ant 4 normal	WLAN6GHz Ant 5 normal	WLAN6GHz Ant 4+5 normal	Bluetooth Ant 4	Bluetooth Ant 5	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
Ant 0	Front	0.372	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.70	0.56	0.58	0.44	0.63	0.47	0.71	0.55	0.81	0.67	0.80	0.65	0.95	0.79
	Back	0.528	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.06	0.66	0.67	0.60	0.72	0.59	0.78	0.65	0.93	0.85	1.16	0.77	1.15	1.02
Ant 1	Front	0.434	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.76	0.62	0.64	0.50	0.69	0.53	0.77	0.61	0.87	0.73	0.86	0.72	1.01	0.85
	Back	0.575	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.10	0.71	0.72	0.64	0.76	0.63	0.83	0.70	0.98	0.90	1.21	0.81	1.20	1.07
Ant 2	Front	0.279	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.61	0.46	0.49	0.35	0.54	0.38	0.62	0.46	0.71	0.57	0.70	0.56	0.86	0.70
	Back	0.398	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	0.93	0.53	0.54	0.47	0.59	0.46	0.65	0.52	0.80	0.72	1.03	0.64	1.02	0.89
Ant 7	Front	0.215	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.54	0.40	0.42	0.28	0.48	0.31	0.56	0.39	0.65	0.51	0.64	0.50	0.79	0.63
	Back	0.391	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	0.92	0.52	0.54	0.46	0.58	0.45	0.65	0.51	0.79	0.71	1.02	0.63	1.02	0.89
Ant 8	Front	0.405	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.73	0.59	0.61	0.47	0.67	0.50	0.75	0.58	0.84	0.70	0.83	0.69	0.98	0.82
	Back	0.250	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	0.78	0.38	0.40	0.32	0.44	0.31	0.50	0.37	0.65	0.57	0.88	0.49	0.88	0.75
Ant 9	Front	0.095	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.42	0.28	0.30	0.16	0.36	0.19	0.44	0.27	0.53	0.39	0.52	0.38	0.67	0.51
	Back	0.351	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	0.88	0.48	0.50	0.42	0.54	0.41	0.61	0.47	0.75	0.67	0.98	0.59	0.98	0.85
Ant 10	Front		0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.33	0.18	0.21	0.07	0.26	0.10	0.34	0.18	0.43	0.29	0.43	0.28	0.58	0.42
	Back	0.350	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	0.88	0.48	0.50	0.42	0.54	0.41	0.60	0.47	0.75	0.67	0.98	0.59	0.98	0.85

Camera Mode:

WWAN Band	Exposure Position	1	3	4	5	6	7	8	9	10	11	12	13	1+6+13	1+9+13	1+7+12	1+10+12	1+8+12	1+11+12	1+8+13	1+11+13	1+3+7+13	1+3+10+13	1+4+6+12	1+4+9+12	1+5+8	1+5+11
		WWAN	WLAN2.4GHz Ant 5 camera	WLAN2.4GHz Ant 6 camera	WLAN2.4GHz Ant 5+6 camera	WLAN5GHz Ant 5 camera	WLAN5GHz Ant 6 camera	WLAN5GHz Ant 5+6 camera	WLAN6GHz Ant 5 camera	WLAN6GHz Ant 6 camera	WLAN6GHz Ant 5+6 camera	Bluetooth Ant 5	Bluetooth Ant 6	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
Ant 0	Front	0.372	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.58	0.44	0.45	0.47	0.72	0.52	0.64	0.44	0.55	0.57	0.69	0.55	0.67	0.47
	Back	0.528	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.80	0.73	1.00	0.65	0.86	0.65	0.92	0.71	1.23	0.88	0.86	0.79	0.86	0.65
Ant 1	Front	0.434	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.64	0.51	0.51	0.54	0.79	0.59	0.71	0.51	0.61	0.64	0.75	0.61	0.73	0.53
	Back	0.575	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.85	0.78	1.04	0.70	0.90	0.70	0.96	0.76	1.27	0.93	0.91	0.84	0.91	0.70
Ant 2	Front	0.279	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.49	0.35	0.36	0.38	0.63	0.43	0.55	0.35	0.46	0.48	0.59	0.46	0.57	0.37
	Back	0.398	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.67	0.60	0.87	0.52	0.73	0.52	0.79	0.58	1.10	0.75	0.73	0.66	0.73	0.52
Ant 7	Front	0.215	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.42	0.29	0.30	0.32	0.57	0.37	0.49	0.29	0.39	0.42	0.53	0.39	0.51	0.31
	Back	0.391	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.66	0.59	0.86	0.52	0.72	0.51	0.78	0.57	1.09	0.75	0.73	0.66	0.72	0.52
Ant 8	Front	0.405	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.61	0.48	0.49	0.51	0.76	0.56	0.68	0.48	0.58	0.61	0.72	0.58	0.70	0.50
	Back	0.250	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.52	0.45	0.72	0.38	0.58	0.37	0.64	0.43	0.95	0.61	0.59	0.52	0.58	0.38
Ant 9	Front	0.095	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.30	0.17	0.18	0.20	0.45	0.25	0.37	0.17	0.27	0.30	0.41	0.27	0.39	0.19
	Back	0.351	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.62	0.55	0.82	0.48	0.68	0.47	0.74	0.53	1.05	0.71	0.69	0.62	0.68	0.48
Ant 10	Front		0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.21	0.07	0.08	0.10	0.35	0.15	0.27	0.07	0.18	0.20	0.31	0.18	0.30	0.09
	Back	0.350	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.62	0.55	0.82	0.48	0.68	0.47	0.74	0.53	1.05	0.71	0.69	0.62	0.68	0.48

<Inter CA Mode>

WWAN Band		Exposure Position	1	2	1+2
			WWAN	WWAN	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
Ant 0	Ant 1	Front	0.140	0.198	0.34
		Back	0.230	0.221	0.45
Ant 0	Ant 2	Front	0.140	0.146	0.29
		Back	0.230	0.280	0.51
Ant 1	Ant 2	Front	0.198	0.146	0.34
		Back	0.221	0.280	0.50
Ant 1	Ant 11	Front	0.198	0.069	0.27
		Back	0.221	0.051	0.27
Ant 2	Ant 11	Front	0.146	0.069	0.22
		Back	0.280	0.051	0.33

Normal Mode:

WWAN Band		Exposure Position	1	2	3	4	5	6	7	8	9	10	11	12	13	1+2+6+13	1+2+9+13	1+2+7+12	1+2+10+12	1+2+8+12	1+2+11+12	1+2+8+13	1+2+11+13	1+2+3+7+13	1+2+3+10+13	1+2+4+6+12	1+2+4+9+12	1+2+5+8	1+2+5+11
			WWAN	WWAN	WLAN 2.4GHz Ant 4 normal	WLAN 2.4GHz Ant 5 normal	WLAN2.4GHz Ant 4+5 normal	WLAN5GHz Ant 4 normal	WLAN5GHz Ant 5 normal	WLAN5GHz Ant 4+5 normal	WLAN6GHz Ant 4 normal	WLAN6GHz Ant 5 normal	WLAN6GHz Ant 4+5 normal	Bluetooth Ant 4	Bluetooth Ant 5	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
Ant 0	Ant 1	Front	0.140	0.198	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.66	0.52	0.55	0.41	0.60	0.44	0.68	0.52	0.77	0.63	0.76	0.62	0.92	0.75
		Back	0.230	0.221	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	0.98	0.58	0.60	0.52	0.64	0.51	0.71	0.57	0.85	0.77	1.08	0.69	1.08	0.95
Ant 0	Ant 2	Front	0.140	0.146	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.61	0.47	0.49	0.35	0.55	0.38	0.63	0.46	0.72	0.58	0.71	0.57	0.86	0.70
		Back	0.230	0.280	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.04	0.64	0.66	0.58	0.70	0.57	0.76	0.63	0.91	0.83	1.14	0.75	1.14	1.01
Ant 1	Ant 2	Front	0.198	0.146	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.67	0.53	0.55	0.41	0.60	0.44	0.68	0.52	0.78	0.64	0.77	0.63	0.92	0.76
		Back	0.221	0.280	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.03	0.63	0.65	0.57	0.69	0.56	0.76	0.62	0.90	0.82	1.13	0.74	1.13	1.00
Ant 1	Ant 11	Front	0.198	0.069	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.59	0.45	0.47	0.33	0.53	0.37	0.61	0.45	0.70	0.56	0.69	0.55	0.85	0.68
		Back	0.221	0.051	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	0.80	0.41	0.42	0.34	0.46	0.33	0.53	0.40	0.67	0.59	0.90	0.51	0.90	0.77
Ant 2	Ant 11	Front	0.146	0.069	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.54	0.40	0.42	0.28	0.48	0.31	0.56	0.39	0.65	0.51	0.64	0.50	0.79	0.63
		Back	0.280	0.051	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	0.86	0.46	0.48	0.40	0.52	0.39	0.59	0.45	0.73	0.65	0.96	0.57	0.96	0.83

Camera Mode:

WWAN Band		Exposure Position	1	2	3	4	5	6	7	8	9	10	11	12	13	1+2+6+13	1+2+9+13	1+2+7+12	1+2+10+12	1+2+8+12	1+2+11+12	1+2+8+13	1+2+11+13	1+2+3+7+13	1+2+3+10+13	1+2+4+6+12	1+2+4+9+12	1+2+5+8	1+2+5+11
			WWAN	WWAN	WLAN 2.4GHz Ant 5 camera	WLAN 2.4GHz Ant 6 camera	WLAN2.4GHz Ant 5+6 camera	WLAN5GHz Ant 5 camera	WLAN5GHz Ant 6 camera	WLAN5GHz Ant 5+6 camera	WLAN6GHz Ant 5 camera	WLAN6GHz Ant 6 camera	WLAN6GHz Ant 5+6 camera	Bluetooth Ant 5	Bluetooth Ant 6	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
Ant 0	Ant 1	Front	0.140	0.198	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.55	0.41	0.42	0.44	0.69	0.49	0.61	0.41	0.52	0.54	0.65	0.52	0.63	0.43
		Back	0.230	0.221	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.72	0.65	0.92	0.58	0.78	0.57	0.84	0.63	1.15	0.81	0.79	0.72	0.78	0.58
Ant 0	Ant 2	Front	0.140	0.146	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.49	0.36	0.37	0.39	0.64	0.44	0.56	0.36	0.47	0.49	0.60	0.46	0.58	0.38
		Back	0.230	0.280	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.78	0.71	0.98	0.64	0.84	0.63	0.90	0.69	1.21	0.87	0.85	0.78	0.84	0.64
Ant 1	Ant 2	Front	0.198	0.146	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.55	0.42	0.42	0.45	0.70	0.50	0.62	0.42	0.52	0.55	0.66	0.52	0.64	0.44
		Back	0.221	0.280	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.77	0.70	0.97	0.63	0.83	0.62	0.89	0.68	1.20	0.86	0.84	0.77	0.83	0.63
Ant 1	Ant 11	Front	0.198	0.069	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.47	0.34	0.35	0.37	0.62	0.42	0.54	0.34	0.45	0.47	0.58	0.45	0.56	0.36
		Back	0.221	0.051	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.54	0.47	0.74	0.40	0.60	0.39	0.66	0.45	0.97	0.63	0.61	0.54	0.60	0.40
Ant 2	Ant 11	Front	0.146	0.069	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.42	0.29	0.30	0.32	0.57	0.37	0.49	0.29	0.39	0.42	0.53	0.39	0.51	0.31
		Back	0.280	0.051	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.60	0.53	0.80	0.46	0.66	0.45	0.72	0.51	1.03	0.69	0.67	0.60	0.66	0.46

<ENDC Mode>

WWAN Band		Exposure Position	1	2	1+2
			WWAN	FR1	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Ant 0	NR Ant 1	Front	0.288	0.209	0.50
		Back	0.455	0.258	0.71
LTE Ant 0	NR Ant 2	Front	0.288	0.230	0.52
		Back	0.455	0.393	0.85
LTE Ant 0	NR Ant 7	Front	0.288	0.091	0.38
		Back	0.455	0.302	0.76
LTE Ant 0	NR Ant 8	Front	0.288	0.277	0.57
		Back	0.455	0.167	0.62
LTE Ant 0	NR Ant 9	Front	0.288		0.29
		Back	0.455	0.332	0.79
LTE Ant 0	NR Ant 10	Front	0.288		0.29
		Back	0.455	0.215	0.67
LTE Ant 1	NR Ant 0	Front	0.296	0.250	0.55
		Back	0.357	0.361	0.72
LTE Ant 1	NR Ant 2	Front	0.296	0.230	0.53
		Back	0.357	0.393	0.75
LTE Ant 1	NR Ant 7	Front	0.296	0.091	0.39
		Back	0.357	0.302	0.66
LTE Ant 1	NR Ant 8	Front	0.296	0.277	0.57
		Back	0.357	0.167	0.52
LTE Ant 1	NR Ant 9	Front	0.296		0.30

		Back	0.357	0.332	0.69
LTE Ant 1	NR Ant 10	Front	0.296		0.30
		Back	0.357	0.215	0.57
LTE Ant 2	NR Ant 0	Front	0.295	0.250	0.55
		Back	0.380	0.361	0.74
LTE Ant 2	NR Ant 1	Front	0.295	0.209	0.50
		Back	0.380	0.258	0.64
LTE Ant 2	NR Ant 7	Front	0.295	0.091	0.39
		Back	0.380	0.302	0.68
LTE Ant 2	NR Ant 8	Front	0.295	0.277	0.57
		Back	0.380	0.167	0.55
LTE Ant 2	NR Ant 9	Front	0.295		0.30
		Back	0.380	0.332	0.71
LTE Ant 2	NR Ant 10	Front	0.295		0.30
		Back	0.380	0.215	0.60
LTE Ant 11	NR Ant 1	Front	0.138	0.209	0.35
		Back	0.108	0.258	0.37
LTE Ant 11	NR Ant 2	Front	0.138	0.230	0.37
		Back	0.108	0.393	0.50

Normal Mode:

WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	2 FR1 1g SAR (W/kg)	3 WLAN2.4GHz Ant 4 normal 1g SAR (W/kg)	4 WLAN2.4 GHz Ant 5 normal 1g SAR (W/kg)	5 WLAN2.4 GHz Ant 4+5 normal 1g SAR (W/kg)	6 WLAN5G Hz Ant 4 normal 1g SAR (W/kg)	7 WLAN5G Hz Ant 5 normal 1g SAR (W/kg)	8 WLAN5G Hz Ant 4+5 normal 1g SAR (W/kg)	9 WLAN6G Hz Ant 4 normal 1g SAR (W/kg)	10 WLAN6G Hz Ant 5 normal 1g SAR (W/kg)	11 WLAN6G Hz Ant 4+5 normal 1g SAR (W/kg)	12 Blueto oth Ant 4 1g SAR (W/kg)	13 Blueto oth Ant 5 1g SAR (W/kg)	1+2+6+13 Summed 1g SAR (W/kg)	1+2+9+13 Summed 1g SAR (W/kg)	1+2+7+12 Summed 1g SAR (W/kg)	1+2+10+12 Summed 1g SAR (W/kg)	1+2+8+12 Summed 1g SAR (W/kg)	1+2+11+12 Summed 1g SAR (W/kg)	1+2+8+13 Summed 1g SAR (W/kg)	1+2+11+13 Summed 1g SAR (W/kg)	1+2+3+7+13 Summed 1g SAR (W/kg)	1+2+3+10+13 Summed 1g SAR (W/kg)	1+2+4+6+12 Summed 1g SAR (W/kg)	1+2+4+9+12 Summed 1g SAR (W/kg)	1+2+5+8 Summed 1g SAR (W/kg)	1+2+5+11 Summed 1g SAR (W/kg)
LTE Ant 0	NR Ant 1	Front	0.288	0.209	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.82	0.68	0.70	0.56	0.76	0.60	0.84	0.68	0.93	0.79	0.92	0.78	1.08	0.91
		Back	0.455	0.258	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.24	0.85	0.86	0.78	0.90	0.77	0.97	0.84	1.11	1.04	1.34	0.95	1.34	1.21
LTE Ant 0	NR Ant 2	Front	0.288	0.230	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.84	0.70	0.73	0.59	0.78	0.62	0.86	0.70	0.95	0.81	0.94	0.80	1.10	0.93
		Back	0.455	0.393	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.38	0.98	0.99	0.92	1.04	0.91	1.10	0.97	1.25	1.17	1.48	1.09	1.47	1.34
LTE Ant 0	NR Ant 7	Front	0.288	0.091	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.71	0.56	0.59	0.45	0.64	0.48	0.72	0.56	0.81	0.67	0.80	0.66	0.96	0.80
		Back	0.455	0.302	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.28	0.89	0.90	0.82	0.95	0.81	1.01	0.88	1.16	1.08	1.39	0.99	1.38	1.25
LTE Ant 0	NR Ant 8	Front	0.288	0.277	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.89	0.75	0.77	0.63	0.83	0.66	0.91	0.74	1.00	0.86	0.99	0.85	1.14	0.98
		Back	0.455	0.167	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.15	0.76	0.77	0.69	0.81	0.68	0.88	0.75	1.02	0.94	1.25	0.86	1.25	1.12
LTE Ant 0	NR Ant 9	Front	0.288		0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.61	0.47	0.50	0.36	0.55	0.39	0.63	0.47	0.72	0.58	0.71	0.57	0.87	0.70
		Back	0.455	0.332	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.31	0.92	0.93	0.85	0.98	0.84	1.04	0.91	1.19	1.11	1.42	1.02	1.41	1.28
LTE Ant 0	NR Ant 10	Front	0.288		0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.61	0.47	0.50	0.36	0.55	0.39	0.63	0.47	0.72	0.58	0.71	0.57	0.87	0.70
		Back	0.455	0.215	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.20	0.80	0.82	0.74	0.86	0.73	0.92	0.79	1.07	0.99	1.30	0.91	1.30	1.17
LTE Ant 1	NR Ant 0	Front	0.296	0.250	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.87	0.73	0.75	0.61	0.81	0.64	0.89	0.72	0.98	0.84	0.97	0.83	1.12	0.96
		Back	0.357	0.361	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.25	0.85	0.86	0.79	0.91	0.78	0.97	0.84	1.12	1.04	1.35	0.96	1.34	1.21
LTE Ant 1	NR Ant 2	Front	0.296	0.230	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.85	0.71	0.73	0.59	0.79	0.62	0.87	0.70	0.96	0.82	0.95	0.81	1.10	0.94
		Back	0.357	0.393	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.28	0.88	0.90	0.82	0.94	0.81	1.00	0.87	1.15	1.07	1.38	0.99	1.38	1.25
LTE Ant 1	NR Ant 7	Front	0.296	0.091	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.71	0.57	0.59	0.45	0.65	0.49	0.73	0.57	0.82	0.68	0.81	0.67	0.97	0.80
		Back	0.357	0.302	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.19	0.79	0.80	0.73	0.85	0.72	0.91	0.78	1.06	0.98	1.29	0.90	1.29	1.15
LTE Ant 1	NR Ant 8	Front	0.296	0.277	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.90	0.76	0.78	0.64	0.83	0.67	0.91	0.75	1.01	0.87	1.00	0.86	1.15	0.99
		Back	0.357	0.167	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.05	0.66	0.67	0.59	0.71	0.58	0.78	0.65	0.92	0.85	1.16	0.76	1.15	1.02
LTE Ant 1	NR Ant 9	Front	0.296		0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.62	0.48	0.50	0.36	0.56	0.39	0.64	0.47	0.73	0.59	0.72	0.58	0.87	0.71
		Back	0.357	0.332	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.22	0.82	0.83	0.76	0.88	0.75	0.94	0.81	1.09	1.01	1.32	0.93	1.32	1.18
LTE Ant 1	NR Ant 10	Front	0.296		0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.62	0.48	0.50	0.36	0.56	0.39	0.64	0.47	0.73	0.59	0.72	0.58	0.87	0.71
		Back	0.357	0.215	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.10	0.71	0.72	0.64	0.76	0.63	0.83	0.70	0.97	0.89	1.20	0.81	1.20	1.07
LTE Ant 2	NR Ant 0	Front	0.295	0.250	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.87	0.73	0.75	0.61	0.81	0.64	0.89	0.72	0.98	0.84	0.97	0.83	1.12	0.96
		Back	0.380	0.361	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.27	0.87	0.89	0.81	0.93	0.80	1.00	0.86	1.14	1.06	1.37	0.98	1.37	1.24
LTE Ant 2	NR Ant 1	Front	0.295	0.209	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.83	0.69	0.71	0.57	0.76	0.60	0.84	0.68	0.94	0.80	0.93	0.79	1.08	0.92
		Back	0.380	0.258	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.17	0.77	0.78	0.71	0.83	0.70	0.89	0.76	1.04	0.96	1.27	0.88	1.26	1.13
LTE Ant 2	NR Ant 7	Front	0.295	0.091	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.71	0.57	0.59	0.45	0.65	0.48	0.73	0.56	0.82	0.68	0.81	0.67	0.96	0.80
		Back	0.380	0.302	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.21	0.82	0.83	0.75	0.87	0.74	0.94	0.81	1.08	1.00	1.31	0.92	1.31	1.18
LTE Ant	NR Ant	Front	0.295	0.277	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.90	0.76	0.78	0.64	0.83	0.67	0.91	0.75	1.01	0.87	1.00	0.85	1.15	0.99

2	8	Back	0.380	0.167	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.07	0.68	0.69	0.61	0.74	0.60	0.80	0.67	0.95	0.87	1.18	0.78	1.17	1.04
LTE Ant 2	NR Ant 9	Front	0.295		0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.62	0.48	0.50	0.36	0.56	0.39	0.64	0.47	0.73	0.59	0.72	0.58	0.87	0.71
		Back	0.380	0.332	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.24	0.85	0.86	0.78	0.90	0.77	0.97	0.84	1.11	1.03	1.34	0.95	1.34	1.21
LTE Ant 2	NR Ant 10	Front	0.295		0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.62	0.48	0.50	0.36	0.56	0.39	0.64	0.47	0.73	0.59	0.72	0.58	0.87	0.71
		Back	0.380	0.215	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.12	0.73	0.74	0.66	0.78	0.65	0.85	0.72	1.00	0.92	1.23	0.83	1.22	1.09
LTE Ant 11	NR Ant 1	Front	0.138	0.209	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.67	0.53	0.55	0.41	0.61	0.45	0.69	0.53	0.78	0.64	0.77	0.63	0.93	0.76
		Back	0.108	0.258	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	0.89	0.50	0.51	0.43	0.55	0.42	0.62	0.49	0.77	0.69	1.00	0.60	0.99	0.86
LTE Ant 11	NR Ant 2	Front	0.138	0.230	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.69	0.55	0.58	0.44	0.63	0.47	0.71	0.55	0.80	0.66	0.79	0.65	0.95	0.78
		Back	0.108	0.393	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.03	0.63	0.65	0.57	0.69	0.56	0.76	0.62	0.90	0.82	1.13	0.74	1.13	1.00

Camera Mode:

WWAN Band		Exposure Position	1 WWAN 1g SAR (W/kg)	2 FR1 1g SAR (W/kg)	3 WLAN2.4GHz Ant 5 camera 1g SAR (W/kg)	4 WLAN2.4 GHz Ant 6 camera 1g SAR (W/kg)	5 WLAN2.4 GHz Ant 5+6 camera 1g SAR (W/kg)	6 WLAN5G Hz Ant 5 camera 1g SAR (W/kg)	7 WLAN5G Hz Ant 6 camera 1g SAR (W/kg)	8 WLAN5G Hz Ant 5+6 camera 1g SAR (W/kg)	9 WLAN6G Hz Ant 5 camera 1g SAR (W/kg)	10 WLAN6G Hz Ant 6 camera 1g SAR (W/kg)	11 WLAN6G Hz Ant 5+6 camera 1g SAR (W/kg)	12 Bluetooth Ant 5 1g SAR (W/kg)	13 Bluetooth Ant 6 1g SAR (W/kg)	1+2+6+13 Summed 1g SAR (W/kg)	1+2+9+13 Summed 1g SAR (W/kg)	1+2+7+12 Summed 1g SAR (W/kg)	1+2+10+12 Summed 1g SAR (W/kg)	1+2+8+12 Summed 1g SAR (W/kg)	1+2+11+12 Summed 1g SAR (W/kg)	1+2+8+13 Summed 1g SAR (W/kg)	1+2+11+13 Summed 1g SAR (W/kg)	1+2+3+7+13 Summed 1g SAR (W/kg)	1+2+3+10+13 Summed 1g SAR (W/kg)	1+2+4+6+12 Summed 1g SAR (W/kg)	1+2+4+9+12 Summed 1g SAR (W/kg)	1+2+5+8 Summed 1g SAR (W/kg)	1+2+5+11 Summed 1g SAR (W/kg)
LTE Ant 0	NR Ant 1	Front	0.288	0.209	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.70	0.57	0.58	0.60	0.85	0.65	0.77	0.57	0.68	0.70	0.81	0.68	0.79	0.59
		Back	0.455	0.258	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.98	0.92	1.18	0.84	1.04	0.83	1.10	0.89	1.41	1.07	1.05	0.98	1.05	0.84
LTE Ant 0	NR Ant 2	Front	0.288	0.230	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.73	0.59	0.60	0.62	0.87	0.67	0.79	0.59	0.70	0.72	0.83	0.70	0.81	0.61
		Back	0.455	0.393	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	1.12	1.05	1.32	0.97	1.18	0.97	1.24	1.03	1.55	1.20	1.18	1.11	1.18	0.97
LTE Ant 0	NR Ant 7	Front	0.288	0.091	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.59	0.45	0.46	0.48	0.73	0.53	0.65	0.45	0.56	0.58	0.69	0.56	0.67	0.47
		Back	0.455	0.302	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	1.03	0.96	1.22	0.88	1.08	0.88	1.14	0.94	1.45	1.11	1.09	1.02	1.09	0.88
LTE Ant 0	NR Ant 8	Front	0.288	0.277	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.77	0.64	0.65	0.67	0.92	0.72	0.84	0.64	0.74	0.77	0.88	0.74	0.86	0.66
		Back	0.455	0.167	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.89	0.82	1.09	0.75	0.95	0.74	1.01	0.80	1.32	0.98	0.96	0.89	0.95	0.75
LTE Ant 0	NR Ant 9	Front	0.288		0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.50	0.36	0.37	0.39	0.64	0.44	0.56	0.36	0.47	0.49	0.60	0.47	0.58	0.38
		Back	0.455	0.332	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	1.06	0.99	1.25	0.91	1.11	0.91	1.17	0.97	1.48	1.14	1.12	1.05	1.12	0.91
LTE Ant 0	NR Ant 10	Front	0.288		0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.50	0.36	0.37	0.39	0.64	0.44	0.56	0.36	0.47	0.49	0.60	0.47	0.58	0.38
		Back	0.455	0.215	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.94	0.87	1.14	0.80	1.00	0.79	1.06	0.85	1.37	1.03	1.01	0.94	1.00	0.80
LTE Ant 1	NR Ant 0	Front	0.296	0.250	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.75	0.62	0.63	0.65	0.90	0.70	0.82	0.62	0.73	0.75	0.86	0.72	0.84	0.64
		Back	0.357	0.361	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.99	0.92	1.19	0.84	1.05	0.84	1.11	0.90	1.42	1.07	1.05	0.98	1.05	0.84
LTE Ant 1	NR Ant 2	Front	0.296	0.230	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.73	0.60	0.61	0.63	0.88	0.68	0.80	0.60	0.71	0.73	0.84	0.70	0.82	0.62
		Back	0.357	0.393	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	1.02	0.95	1.22	0.88	1.08	0.87	1.14	0.93	1.45	1.11	1.09	1.02	1.08	0.88
LTE Ant 1	NR Ant 7	Front	0.296	0.091	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.59	0.46	0.47	0.49	0.74	0.54	0.66	0.46	0.57	0.59	0.70	0.57	0.68	0.48
		Back	0.357	0.302	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.93	0.86	1.13	0.79	0.99	0.78	1.05	0.84	1.36	1.02	0.99	0.93	0.99	0.79
LTE Ant 1	NR Ant 8	Front	0.296	0.277	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.78	0.64	0.65	0.68	0.93	0.72	0.85	0.64	0.75	0.77	0.89	0.75	0.87	0.67
		Back	0.357	0.167	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.80	0.73	0.99	0.65	0.85	0.65	0.91	0.71	1.22	0.88	0.86	0.79	0.86	0.65
LTE Ant 1	NR Ant 9	Front	0.296		0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.50	0.37	0.38	0.40	0.65	0.45	0.57	0.37	0.48	0.50	0.61	0.47	0.59	0.39
		Back	0.357	0.332	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.96	0.89	1.16	0.82	1.02	0.81	1.08	0.87	1.39	1.05	1.02	0.96	1.02	0.82
LTE Ant 1	NR Ant 10	Front	0.296		0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.50	0.37	0.38	0.40	0.65	0.45	0.57	0.37	0.48	0.50	0.61	0.47	0.59	0.39
		Back	0.357	0.215	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.84	0.77	1.04	0.70	0.90	0.69	0.96	0.75	1.27	0.93	0.91	0.84	0.90	0.70
LTE Ant 2	NR Ant 0	Front	0.295	0.250	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.75	0.62	0.63	0.65	0.90	0.70	0.82	0.62	0.72	0.75	0.86	0.72	0.84	0.64
		Back	0.380	0.361	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	1.01	0.94	1.21	0.87	1.07	0.86	1.13	0.92	1.44	1.10	1.08	1.01	1.07	0.87
LTE Ant 2	NR Ant 1	Front	0.295	0.209	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.71	0.58	0.58	0.61	0.86	0.66	0.78	0.58	0.68	0.71	0.82	0.68	0.80	0.60
		Back	0.380	0.258	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.91	0.84	1.11	0.76	0.97	0.76	1.03	0.82	1.34	0.99	0.97	0.90	0.97	0.76
LTE Ant 2	NR Ant 7	Front	0.295	0.091	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.59	0.46	0.47	0.49	0.74	0.54	0.66	0.46	0.57	0.59	0.70	0.56	0.68	0.48
		Back	0.380	0.302	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.95	0.88	1.15	0.81	1.01	0.80	1.07	0.86	1.38	1.04	1.02	0.95	1.01	0.81
LTE Ant 2	NR Ant 8	Front	0.295	0.277	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.78	0.64	0.65	0.67	0.92	0.72	0.84	0.64	0.75	0.77	0.89	0.75	0.87	0.67
		Back	0.380	0.167	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.82	0.75	1.01	0.67	0.87	0.67	0.93	0.73	1.24	0.90	0.88	0.81	0.88	0.67
LTE Ant 2	NR Ant 9	Front	0.295		0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.50	0.37	0.38	0.40	0.65	0.45	0.57	0.37	0.47	0.50	0.61	0.47	0.59	0.39
		Back	0.380	0.332	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.98	0.91	1.18	0.84	1.04	0.83	1.10	0.89	1.41	1.07	1.05	0.98	1.04	0.84
LTE Ant 2	NR Ant 10	Front	0.295		0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.50	0.37	0.38	0.40	0.65	0.45	0.57	0.37	0.47	0.50	0.61	0.47	0.59	0.39
		Back	0.380	0.215	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.87	0.80	1.06	0.72	0.92	0.72	0.98	0.78	1.29	0.95	0.93	0.86	0.93	0.72
LTE Ant 11	NR Ant 1	Front	0.138	0.209	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.55	0.42	0.43	0.45	0.70	0.50	0.62	0.42	0.53	0.55	0.66	0.53	0.64	0.44
		Back	0.108	0.258	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.64	0.57	0.83	0.49	0.69	0.49	0.75	0.55	1.06	0.72	0.70	0.63	0.70	0.49
LTE Ant 11	NR Ant 2	Front	0.138	0.230	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.58	0.44	0.45	0.47	0.72	0.52	0.64	0.44	0.55	0.57	0.68	0.55	0.66	0.46
		Back	0.108	0.393	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.77	0.70	0.97	0.63	0.83	0.62	0.89	0.68	1.20	0.86	0.84	0.77	0.83	0.63

<UL-MIMO SAR>

FR1 Band		Exposure Position	1 FR1 1g SAR (W/kg)	2 FR1 1g SAR (W/kg)	1+2 Summed 1g SAR (W/kg)
N41 Ant 1	N41 Ant 1	Front	0.191	0.194	0.39
		Back	0.207	0.234	0.44
N41 Ant 1	N41 Ant 1	Front	0.191	0.105	0.30
		Back	0.207	0.110	0.32
N41 Ant 2	N41 Ant 2	Front	0.145	0.194	0.34
		Back	0.242	0.234	0.48
N41 Ant 2	N41 Ant 2	Front	0.145	0.105	0.25
		Back	0.242	0.110	0.35
N77 Ant 7	N77 Ant 7	Front	0.152	0.281	0.43
		Back	0.369	0.244	0.61
N77 Ant 7	N77 Ant 7	Front	0.152		0.15
		Back	0.369	0.274	0.64
N77 Ant 8	N77 Ant 8	Front	0.281	0.085	0.37
		Back	0.244	0.149	0.39
N77 Ant 9	N77 Ant 9	Front		0.085	0.09
		Back	0.274	0.149	0.42

Normal Mode:

FR1 Band		Exposure Position	1 FR1 1g SAR (W/kg)	2 FR1 1g SAR (W/kg)	3 WLAN 2.4GHz Ant 4 normal 1g SAR (W/kg)	4 WLAN 2.4GHz Ant 5 normal 1g SAR (W/kg)	5 WLAN2.4GHz Ant 4+5 normal 1g SAR (W/kg)	6 WLAN5GHz Ant 4 normal 1g SAR (W/kg)	7 WLAN5GHz Ant 5 normal 1g SAR (W/kg)	8 WLAN5GHz Ant 4+5 normal 1g SAR (W/kg)	9 WLAN6GHz Ant 4 normal 1g SAR (W/kg)	10 WLAN6GHz Ant 5 normal 1g SAR (W/kg)	11 WLAN6GHz Ant 4+5 normal 1g SAR (W/kg)	12 Bluetooth Ant 4 1g SAR (W/kg)	13 Bluetooth Ant 5 1g SAR (W/kg)	1+2+6+13 Summed 1g SAR (W/kg)	1+2+9+13 Summed 1g SAR (W/kg)	1+2+7+12 Summed 1g SAR (W/kg)	1+2+10+12 Summed 1g SAR (W/kg)	1+2+8+12 Summed 1g SAR (W/kg)	1+2+11+12 Summed 1g SAR (W/kg)	1+2+8+13 Summed 1g SAR (W/kg)	1+2+11+13 Summed 1g SAR (W/kg)	1+2+3+7+13 Summed 1g SAR (W/kg)	1+2+3+10+13 Summed 1g SAR (W/kg)	1+2+4+6+12 Summed 1g SAR (W/kg)	1+2+4+9+12 Summed 1g SAR (W/kg)	1+2+5+8 Summed 1g SAR (W/kg)	1+2+5+11 Summed 1g SAR (W/kg)
N41 Ant 1	N41 Ant 1	Front	0.191	0.194	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.71	0.57	0.59	0.45	0.65	0.48	0.73	0.56	0.82	0.68	0.81	0.67	0.96	0.80
		Back	0.207	0.234	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	0.97	0.57	0.59	0.51	0.63	0.50	0.70	0.56	0.84	0.76	1.07	0.68	1.07	0.94
N41 Ant 1	N41 Ant 1	Front	0.191	0.105	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.62	0.48	0.50	0.36	0.56	0.39	0.64	0.47	0.73	0.59	0.72	0.58	0.87	0.71
		Back	0.207	0.110	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	0.84	0.45	0.46	0.38	0.51	0.37	0.57	0.44	0.72	0.64	0.95	0.55	0.94	0.81
N41 Ant 2	N41 Ant 2	Front	0.145	0.194	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.67	0.52	0.55	0.41	0.60	0.44	0.68	0.52	0.77	0.63	0.76	0.62	0.92	0.76
		Back	0.242	0.234	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.00	0.61	0.62	0.54	0.66	0.53	0.73	0.60	0.88	0.80	1.11	0.71	1.10	0.97
N41 Ant 2	N41 Ant 2	Front	0.145	0.105	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.58	0.43	0.46	0.32	0.51	0.35	0.59	0.43	0.68	0.54	0.68	0.53	0.83	0.67
		Back	0.242	0.110	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	0.88	0.49	0.50	0.42	0.54	0.41	0.61	0.48	0.75	0.67	0.98	0.59	0.98	0.85
N77 Ant 7	N77 Ant 7	Front	0.152	0.281	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.76	0.62	0.64	0.50	0.69	0.53	0.77	0.61	0.87	0.73	0.86	0.72	1.01	0.85
		Back	0.369	0.244	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.14	0.75	0.76	0.68	0.80	0.67	0.87	0.74	1.01	0.94	1.24	0.85	1.24	1.11
N77 Ant 7	N77 Ant 7	Front	0.152		0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.48	0.34	0.36	0.22	0.41	0.25	0.49	0.33	0.59	0.45	0.58	0.43	0.73	0.57
		Back	0.369	0.274	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	1.17	0.78	0.79	0.71	0.83	0.70	0.90	0.77	1.04	0.97	1.27	0.88	1.27	1.14
N77 Ant 8	N77 Ant 8	Front	0.281	0.085	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.69	0.55	0.57	0.43	0.63	0.46	0.71	0.54	0.80	0.66	0.79	0.65	0.94	0.78
		Back	0.244	0.149	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	0.92	0.53	0.54	0.46	0.58	0.45	0.65	0.52	0.79	0.72	1.02	0.63	1.02	0.89
N77 Ant 9	N77 Ant 9	Front		0.085	0.147	0.179	0.318	0.246	0.207	0.260	0.103	0.067	0.098		0.080	0.41	0.27	0.29	0.15	0.35	0.18	0.43	0.26	0.52	0.38	0.51	0.37	0.66	0.50
		Back	0.274	0.149	0.189	0.170	0.438	0.461	0.145	0.188	0.067	0.067	0.057		0.066	0.95	0.56	0.57	0.49	0.61	0.48	0.68	0.55	0.82	0.75	1.05	0.66	1.05	0.92

Camera Mode:

FR1 Band		Exposure Position	1 FR1 1g SAR (W/kg)	2 FR1 1g SAR (W/kg)	3 WLAN 2.4GHz Ant 5 camera 1g SAR (W/kg)	4 WLAN 2.4GHz Ant 6 camera 1g SAR (W/kg)	5 WLAN2.4GHz Ant 5+6 camera 1g SAR (W/kg)	6 WLAN5GHz Ant 5 camera 1g SAR (W/kg)	7 WLAN5GHz Ant 6 camera 1g SAR (W/kg)	8 WLAN5GHz Ant 5+6 camera 1g SAR (W/kg)	9 WLAN6GHz Ant 5 camera 1g SAR (W/kg)	10 WLAN6GHz Ant 6 camera 1g SAR (W/kg)	11 WLAN6GHz Ant 5+6 camera 1g SAR (W/kg)	12 Bluetooth Ant 5 1g SAR (W/kg)	13 Bluetooth Ant 6 1g SAR (W/kg)	1+2+6+13 Summed 1g SAR (W/kg)	1+2+9+13 Summed 1g SAR (W/kg)	1+2+7+12 Summed 1g SAR (W/kg)	1+2+10+12 Summed 1g SAR (W/kg)	1+2+8+12 Summed 1g SAR (W/kg)	1+2+11+12 Summed 1g SAR (W/kg)	1+2+8+13 Summed 1g SAR (W/kg)	1+2+11+13 Summed 1g SAR (W/kg)	1+2+3+7+13 Summed 1g SAR (W/kg)	1+2+3+10+13 Summed 1g SAR (W/kg)	1+2+4+6+12 Summed 1g SAR (W/kg)	1+2+4+9+12 Summed 1g SAR (W/kg)	1+2+5+8 Summed 1g SAR (W/kg)	1+2+5+11 Summed 1g SAR (W/kg)
N41 Ant 7	N41 Ant 1	Front	0.191	0.194	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.59	0.46	0.47	0.49	0.74	0.54	0.66	0.46	0.56	0.59	0.70	0.56	0.68	0.48	
		Back	0.207	0.234	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.71	0.64	0.91	0.57	0.77	0.56	0.83	0.62	1.14	0.80	0.78	0.71	0.77	0.57	
N41 Ant 8	N41 Ant 1	Front	0.191	0.105	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.50	0.37	0.38	0.40	0.65	0.45	0.57	0.37	0.48	0.50	0.61	0.47	0.59	0.39	
		Back	0.207	0.110	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.59	0.52	0.78	0.44	0.64	0.44	0.70	0.50	1.01	0.67	0.65	0.58	0.65	0.44	
N41 Ant 7	N41 Ant 2	Front	0.145	0.194	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.55	0.41	0.42	0.44	0.69	0.49	0.61	0.41	0.52	0.54	0.65	0.52	0.63	0.43	
		Back	0.242	0.234	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.75	0.68	0.94	0.60	0.80	0.60	0.86	0.66	1.17	0.83	0.81	0.74	0.81	0.60	
N41 Ant 8	N41 Ant 2	Front	0.145	0.105	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.46	0.32	0.33	0.35	0.60	0.40	0.52	0.32	0.43	0.45	0.56	0.43	0.55	0.34	
		Back	0.242	0.110	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.62	0.55	0.82	0.48	0.68	0.47	0.74	0.53	1.05	0.71	0.69	0.62	0.68	0.48	
N77 Ant	N77 Ant	Front	0.152	0.281	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.64	0.50	0.51	0.54	0.79	0.58	0.71	0.50	0.61	0.63	0.75	0.61	0.73	0.53	

8	7	Back	0.369	0.244	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.88	0.82	1.08	0.74	0.94	0.73	1.00	0.79	1.31	0.97	0.95	0.88	0.95	0.74
N77 Ant 9	N77 Ant 7	Front	0.152		0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.36	0.22	0.23	0.25	0.50	0.30	0.42	0.22	0.33	0.35	0.47	0.33	0.45	0.25
		Back	0.369	0.274	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.91	0.85	1.11	0.77	0.97	0.76	1.03	0.82	1.34	1.00	0.98	0.91	0.98	0.77
N77 Ant 10	N77 Ant 8	Front	0.281	0.085	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.57	0.44	0.45	0.47	0.72	0.52	0.64	0.44	0.55	0.57	0.68	0.54	0.66	0.46
		Back	0.244	0.149	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.66	0.60	0.86	0.52	0.72	0.51	0.78	0.57	1.09	0.75	0.73	0.66	0.73	0.52
N77 Ant 10	N77 Ant 9	Front		0.085	0.179	0.027	0.023	0.207		0.272	0.071	0.022	0.071	0.080		0.29	0.16	0.17	0.19	0.44	0.24	0.36	0.16	0.26	0.29	0.40	0.26	0.38	0.18
		Back	0.274	0.149	0.170	0.124	0.071	0.145	0.401	0.261	0.076	0.060	0.055	0.066	0.126	0.69	0.63	0.89	0.55	0.75	0.54	0.81	0.60	1.12	0.78	0.76	0.69	0.76	0.55

15.4 Product specific 10g SAR Exposure Conditions

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

Normal Mode:

WWAN Band	Exposure Position	1	6	7	8	9	10	11	12	1+6+12	1+7+12	1+8+12	1+9+12	1+10+12	1+11+12
		WWAN	WLAN5GHz Ant 4 normal	WLAN5GHz Ant 5 normal	WLAN5GHz Ant 4+5 normal	WLAN6GHz Ant 4 normal	WLAN6GHz Ant 5 normal	WLAN6GHz Ant 4+5 normal	NFC	Summed	Summed	Summed	Summed	Summed	Summed
		10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)
Ant 0	Front		1.180	0.940	1.133	0.566	0.281	0.520	0.001	1.18	0.94	1.13	0.57	0.28	0.52
	Back	1.920	0.388	0.350	0.416	0.225	0.114	0.193	0.020	2.33	2.29	2.36	2.17	2.05	2.13
	Left side								0.001	0.00	0.00	0.00	0.00	0.00	0.00
	Right side		0.240	3.079	3.030	0.187	0.838	0.675	0.001	0.24	3.08	3.03	0.19	0.84	0.68
	Top side		0.662		0.588	0.225		0.211	0.001	0.66	0.00	0.59	0.23	0.00	0.21
	Bottom side								0.018	0.02	0.02	0.02	0.02	0.02	0.02
Ant 2	Front		1.180	0.940	1.133	0.566	0.281	0.520	0.001	1.18	0.94	1.13	0.57	0.28	0.52
	Back	1.905	0.388	0.350	0.416	0.225	0.114	0.193	0.020	2.31	2.28	2.34	2.15	2.04	2.12
	Left side	1.684							0.001	1.69	1.69	1.69	1.69	1.69	1.69
	Right side		0.240	3.079	3.030	0.187	0.838	0.675	0.001	0.24	3.08	3.03	0.19	0.84	0.68
	Top side		0.662		0.588	0.225		0.211	0.001	0.66	0.00	0.59	0.23	0.00	0.21
	Bottom side								0.018	0.02	0.02	0.02	0.02	0.02	0.02
Ant 8	Front		1.180	0.940	1.133	0.566	0.281	0.520	0.001	1.18	0.94	1.13	0.57	0.28	0.52
	Back		0.388	0.350	0.416	0.225	0.114	0.193	0.020	0.41	0.37	0.44	0.25	0.13	0.21
	Left side	2.898							0.001	2.90	2.90	2.90	2.90	2.90	2.90
	Right side		0.240	3.079	3.030	0.187	0.838	0.675	0.001	0.24	3.08	3.03	0.19	0.84	0.68
	Top side		0.662		0.588	0.225		0.211	0.001	0.66	0.00	0.59	0.23	0.00	0.21
	Bottom side								0.018	0.02	0.02	0.02	0.02	0.02	0.02

Camera Mode:

WWAN Band	Exposure Position	1	6	7	8	9	10	11	12	1+6+12	1+7+12	1+8+12	1+9+12	1+10+12	1+11+12	1+5+8
		WWAN	WLAN5GHz Ant 5 camera	WLAN5GHz Ant 6 camera	WLAN5GHz Ant 5+6 camera	WLAN6GHz Ant 5 camera	WLAN6GHz Ant 6 camera	WLAN6GHz Ant 5+6 camera	NFC	Summed	Summed	Summed	Summed	Summed	Summed	Summed
		10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)
Ant 0	Front		0.940	0.105	1.185	0.338	0.027	0.339	0.001	0.94	0.11	1.19	0.34	0.03	0.34	1.19
	Back	1.920	0.350	1.870	1.069	0.135	0.124	0.092	0.020	2.29	**3.81**	3.01	2.08	2.06	2.03	2.99
	Left side			0.553	0.348		0.052	0.049	0.001	0.00	0.55	0.35	0.00	0.05	0.05	0.35
	Right side		3.079		3.159	0.941		0.632	0.001	3.08	0.00	3.16	0.94	0.00	0.63	3.16
	Top side			0.226	0.139		0.038	0.030	0.001	0.00	0.23	0.14	0.00	0.04	0.03	0.14
	Bottom side								0.018	0.02	0.02	0.02	0.02	0.02	0.02	0.00
Ant 2	Front		0.940	0.105	1.185	0.338	0.027	0.339	0.001	0.94	0.11	1.19	0.34	0.03	0.34	1.19
	Back	1.905	0.350	1.870	1.069	0.135	0.124	0.092	0.020	2.28	3.80	2.99	2.06	2.05	2.02	2.97
	Left side	1.684		0.553	0.348		0.052	0.049	0.001	1.69	2.24	2.03	1.69	1.74	1.73	2.03
	Right side		3.079		3.159	0.941		0.632	0.001	3.08	0.00	3.16	0.94	0.00	0.63	3.16
	Top side			0.226	0.139		0.038	0.030	0.001	0.00	0.23	0.14	0.00	0.04	0.03	0.14
	Bottom side								0.018	0.02	0.02	0.02	0.02	0.02	0.02	0.00
Ant 8	Front		0.940	0.105	1.185	0.338	0.027	0.339	0.001	0.94	0.11	1.19	0.34	0.03	0.34	1.19
	Back		0.350	1.870	1.069	0.135	0.124	0.092	0.020	0.37	1.89	1.09	0.16	0.14	0.11	1.07
	Left side	2.898		0.553	0.348		0.052	0.049	0.001	2.90	3.45	3.25	2.90	2.95	2.95	3.25
	Right side		3.079		3.159	0.941		0.632	0.001	3.08	0.00	3.16	0.94	0.00	0.63	3.16
	Top side			0.226	0.139		0.038	0.030	0.001	0.00	0.23	0.14	0.00	0.04	0.03	0.14
	Bottom side								0.018	0.02	0.02	0.02	0.02	0.02	0.02	0.00

<ENDC Mode>

Normal Mode:

WWAN Band		Exposure Position	1	2	3	4	5	6	7	8	9	1+2+3+9	1+2+4+9	1+2+5+9	1+2+6+9	1+2+7+9	1+2+8+9
			WWAN	FR1	WLAN5GHz Ant 4 normal	WLAN5GHz Ant 5 normal	WLAN5GHz Ant 4+5 normal	WLAN6GHz Ant 4 normal	WLAN6GHz Ant 5 normal	WLAN6GHz Ant 4+5 normal	NFC	Summed	Summed	Summed	Summed	Summed	Summed
			10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)
LTE Ant 1	NR Ant 0	Front			1.180	0.940	1.133	0.566	0.281	0.520	0.001	1.18	0.94	1.13	0.57	0.28	0.52
		Back			0.388	0.350	0.416	0.225	0.114	0.193	0.020	0.41	0.37	0.44	0.25	0.13	0.21
		Left side									0.001	0.00	0.00	0.00	0.00	0.00	0.00
		Right side			0.240	3.079	3.030	0.187	0.838	0.675	0.001	0.24	3.08	3.03	0.19	0.84	0.68
		Top side			0.662		0.588	0.225		0.211	0.001	0.66	0.00	0.59	0.23	0.00	0.21
		Bottom side	1.917								0.018	1.94	1.94	1.94	1.94	1.94	1.94
LTE Ant 1	NR Ant 2	Front			1.180	0.940	1.133	0.566	0.281	0.520	0.001	1.18	0.94	1.13	0.57	0.28	0.52
		Back			0.388	0.350	0.416	0.225	0.114	0.193	0.020	0.41	0.37	0.44	0.25	0.13	0.21
		Left side									0.001	0.00	0.00	0.00	0.00	0.00	0.00
		Right side			0.240	3.079	3.030	0.187	0.838	0.675	0.001	0.24	3.08	3.03	0.19	0.84	0.68
		Top side			0.662		0.588	0.225		0.211	0.001	0.66	0.00	0.59	0.23	0.00	0.21
		Bottom side	1.917								0.018	1.94	1.94	1.94	1.94	1.94	1.94
LTE Ant 1	NR Ant 7	Front			1.180	0.940	1.133	0.566	0.281	0.520	0.001	1.18	0.94	1.13	0.57	0.28	0.52
		Back			0.388	0.350	0.416	0.225	0.114	0.193	0.020	0.41	0.37	0.44	0.25	0.13	0.21
		Left side									0.001	0.00	0.00	0.00	0.00	0.00	0.00
		Right side			0.240	3.079	3.030	0.187	0.838	0.675	0.001	0.24	3.08	3.03	0.19	0.84	0.68
		Top side			0.662		0.588	0.225		0.211	0.001	0.66	0.00	0.59	0.23	0.00	0.21
		Bottom side	1.917								0.018	1.94	1.94	1.94	1.94	1.94	1.94
LTE Ant 1	NR Ant 8	Front			1.180	0.940	1.133	0.566	0.281	0.520	0.001	1.18	0.94	1.13	0.57	0.28	0.52
		Back			0.388	0.350	0.416	0.225	0.114	0.193	0.020	0.41	0.37	0.44	0.25	0.13	0.21
		Left side									0.001	0.00	0.00	0.00	0.00	0.00	0.00
		Right side			0.240	3.079	3.030	0.187	0.838	0.675	0.001	0.24	3.08	3.03	0.19	0.84	0.68
		Top side			0.662		0.588	0.225		0.211	0.001	0.66	0.00	0.59	0.23	0.00	0.21
		Bottom side	1.917								0.018	1.94	1.94	1.94	1.94	1.94	1.94
LTE Ant 1	NR Ant 9	Front			1.180	0.940	1.133	0.566	0.281	0.520	0.001	1.18	0.94	1.13	0.57	0.28	0.52
		Back			0.388	0.350	0.416	0.225	0.114	0.193	0.020	0.41	0.37	0.44	0.25	0.13	0.21
		Left side									0.001	0.00	0.00	0.00	0.00	0.00	0.00
		Right side			0.240	3.079	3.030	0.187	0.838	0.675	0.001	0.24	3.08	3.03	0.19	0.84	0.68
		Top side			0.662		0.588	0.225		0.211	0.001	0.66	0.00	0.59	0.23	0.00	0.21
		Bottom side	1.917								0.018	1.94	1.94	1.94	1.94	1.94	1.94
LTE Ant 1	NR Ant 10	Front			1.180	0.940	1.133	0.566	0.281	0.520	0.001	1.18	0.94	1.13	0.57	0.28	0.52
		Back			0.388	0.350	0.416	0.225	0.114	0.193	0.020	0.41	0.37	0.44	0.25	0.13	0.21
		Left side									0.001	0.00	0.00	0.00	0.00	0.00	0.00
		Right side			0.240	3.079	3.030	0.187	0.838	0.675	0.001	0.24	3.08	3.03	0.19	0.84	0.68
		Top side			0.662		0.588	0.225		0.211	0.001	0.66	0.00	0.59	0.23	0.00	0.21
		Bottom side	1.917								0.018	1.94	1.94	1.94	1.94	1.94	1.94

Camera Mode:

WWAN Band		Exposure Position	1	2	3	4	5	6	7	8	9	1+2+3+9	1+2+4+9	1+2+5+9	1+2+6+9	1+2+7+9	1+2+8+9	1+2
			WWAN	FR1	WLAN5GHz Ant 5 camera	WLAN5GHz Ant 6 camera	WLAN5GHz Ant 5+6 camera	WLAN6GHz Ant 5 camera	WLAN6GHz Ant 6 camera	WLAN6GHz Ant 5+6 camera	NFC	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)
LTE Ant 1	NR Ant 0	Front			0.940	0.105	1.185	0.338	0.027	0.339	0.001	0.94	0.11	1.19	0.34	0.03	0.34	0.00
		Back			0.350	1.870	1.069	0.135	0.124	0.092	0.020	0.37	1.89	1.09	0.16	0.14	0.11	0.00
		Left side				0.553	0.348		0.052	0.049	0.001	0.00	0.55	0.35	0.00	0.05	0.05	0.00
		Right side			3.079		3.159	0.941		0.632	0.001	3.08	0.00	3.16	0.94	0.00	0.63	0.00
		Top side				0.226	0.139		0.038	0.030	0.001	0.00	0.23	0.14	0.00	0.04	0.03	0.00
		Bottom side	1.917								0.018	1.94	1.94	1.94	1.94	1.94	1.94	1.92

LTE Ant 1	NR Ant 2	Front			0.940	0.105	1.185	0.338	0.027	0.339	0.001	0.94	0.11	1.19	0.34	0.03	0.34	0.00
		Back			0.350	1.870	1.069	0.135	0.124	0.092	0.020	0.37	1.89	1.09	0.16	0.14	0.11	0.00
		Left side				0.553	0.348		0.052	0.049	0.001	0.00	0.55	0.35	0.00	0.05	0.05	0.00
		Right side			3.079		3.159	0.941		0.632	0.001	3.08	0.00	3.16	0.94	0.00	0.63	0.00
		Top side				0.226	0.139		0.038	0.030	0.001	0.00	0.23	0.14	0.00	0.04	0.03	0.00
		Bottom side	1.917								0.018	1.94	1.94	1.94	1.94	1.94	1.94	1.92
LTE Ant 1	NR Ant 7	Front			0.940	0.105	1.185	0.338	0.027	0.339	0.001	0.94	0.11	1.19	0.34	0.03	0.34	0.00
		Back			0.350	1.870	1.069	0.135	0.124	0.092	0.020	0.37	1.89	1.09	0.16	0.14	0.11	0.00
		Left side				0.553	0.348		0.052	0.049	0.001	0.00	0.55	0.35	0.00	0.05	0.05	0.00
		Right side			3.079		3.159	0.941		0.632	0.001	3.08	0.00	3.16	0.94	0.00	0.63	0.00
		Top side				0.226	0.139		0.038	0.030	0.001	0.00	0.23	0.14	0.00	0.04	0.03	0.00
		Bottom side	1.917								0.018	1.94	1.94	1.94	1.94	1.94	1.94	1.92
LTE Ant 1	NR Ant 8	Front			0.940	0.105	1.185	0.338	0.027	0.339	0.001	0.94	0.11	1.19	0.34	0.03	0.34	0.00
		Back			0.350	1.870	1.069	0.135	0.124	0.092	0.020	0.37	1.89	1.09	0.16	0.14	0.11	0.00
		Left side				0.553	0.348		0.052	0.049	0.001	0.00	0.55	0.35	0.00	0.05	0.05	0.00
		Right side			3.079		3.159	0.941		0.632	0.001	3.08	0.00	3.16	0.94	0.00	0.63	0.00
		Top side				0.226	0.139		0.038	0.030	0.001	0.00	0.23	0.14	0.00	0.04	0.03	0.00
		Bottom side	1.917								0.018	1.94	1.94	1.94	1.94	1.94	1.94	1.92
LTE Ant 1	NR Ant 9	Front			0.940	0.105	1.185	0.338	0.027	0.339	0.001	0.94	0.11	1.19	0.34	0.03	0.34	0.00
		Back			0.350	1.870	1.069	0.135	0.124	0.092	0.020	0.37	1.89	1.09	0.16	0.14	0.11	0.00
		Left side				0.553	0.348		0.052	0.049	0.001	0.00	0.55	0.35	0.00	0.05	0.05	0.00
		Right side			3.079		3.159	0.941		0.632	0.001	3.08	0.00	3.16	0.94	0.00	0.63	0.00
		Top side				0.226	0.139		0.038	0.030	0.001	0.00	0.23	0.14	0.00	0.04	0.03	0.00
		Bottom side	1.917								0.018	1.94	1.94	1.94	1.94	1.94	1.94	1.92
LTE Ant 1	NR Ant 10	Front			0.940	0.105	1.185	0.338	0.027	0.339	0.001	0.94	0.11	1.19	0.34	0.03	0.34	0.00
		Back			0.350	1.870	1.069	0.135	0.124	0.092	0.020	0.37	1.89	1.09	0.16	0.14	0.11	0.00
		Left side				0.553	0.348		0.052	0.049	0.001	0.00	0.55	0.35	0.00	0.05	0.05	0.00
		Right side			3.079		3.159	0.941		0.632	0.001	3.08	0.00	3.16	0.94	0.00	0.63	0.00
		Top side				0.226	0.139		0.038	0.030	0.001	0.00	0.23	0.14	0.00	0.04	0.03	0.00
		Bottom side	1.917								0.018	1.94	1.94	1.94	1.94	1.94	1.94	1.92

16. Supplemental Tuner Tests Results

General Note:

1. This device impedance tuner (144 status) antenna tuning techniques in the GSM850, WCDMA V, LTE Band 5/12/13/17/71/26, 5GNR n5/n12/n13/n71/n26 for ANT0, but also each tuner with 6 scenario.
2. This device impedance tuner (255 status) antenna tuning techniques in the GSM1900, WCDMA II/IV/V, LTE Band 2/4/5/7/12/13/17/25/26/30/38/41/66/71, 5GNR n2/n5/n7/n12/n13/n25/n26/n38/n66/n71 for ANT2.
3. LTE B2 / B4 / B5 / B17 / B38 and 5GNR n2 / n5 SAR test was covered by LTE B25 / B66 / B26 / B12 / B41 and 5GNR n25 / n26 ; according to April 2015 TCB workshop, SAR test for overlapping LTE/5GNR bands can be reduced.
4. SAR test proposal was measured according to the normally required SAR configurations with the tuner active and worst tune state (auto tune) was used for SAR testing and this design will provide the highest power at different user scenarios and would not influence to the antenna characteristics other than impedance matching.
5. The following test procedure was followed to demonstrate that the SAR results in this report represent the appropriate SAR test conditions. For bands with dynamic tuning implemented, SAR will be measured according to the required FCC SAR test procedures with the dynamic tuner active to allow the device to automatically tune to the antenna state for the respective RF exposure test configurations. Additional single point SAR time-sweep measurements will be evaluated for other tuner states to determine that the other tuner configurations would result in equivalent or lower SAR values.
6. To evaluate all of the tuner states, the 144 tuner states for ANT0 and the 255 tuner states for ANT2 are divided evenly among band, mode and exposure combinations so that at least one single point SAR measurement is measured in each configuration. Single point time-sweep measurements will be performed at the peak SAR location determined by the zoom scan of the configuration with the highest reported SAR for each combination. The tuner state will be established remotely so that the device is not moved for the entire series of single point SAR for the tuner states in each combination. The SAR probe will remain stationary at the same position throughout the entire series of single point measurements for each combination.
7. According to TCBC 201904 workshop, total number tuner states divided evenly among each supported band / air interface and exposure condition combination.
8. The tuner state was established remotely through Wi-Fi so that the device is not moved for the entire series of single point SAR for the tuner states in each combination (band, mode, exposure conditions).

16.1 Supplemental Tuner Head & Body SAR Results

Please refer to Appendix F.

Test Engineer : Hank Huang, Kevin Xu, David Dai, Bin He

17. Uncertainty Assessment

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

18. References

[1] FCC 47 CFR Part 2 “Frequency Allocations and Radio Treaty Matters; General Rules and Regulations”

[2] ANSI/IEEE Std. C95.1-1992, “IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz”, September 1992

[3] IEEE Std. 1528-2013, “IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques”, Sep 2013

[4] SPEAG DASY System Handbook

[5] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.

[6] FCC KDB 865664 D02 v01r02, “RF Exposure Compliance Reporting and Documentation Considerations” Oct 2015.

[7] FCC KDB 648474 D04 v01r03, “SAR Evaluation Considerations for Wireless Handsets”, Oct 2015.

[8] FCC KDB 248227 D01 v02r02, “SAR Guidance for IEEE 802.11 (WiFi) Transmitters”, Oct 2015.

[9] FCC KDB 616217 D04 v01r02, “SAR Evaluation Considerations for Laptop, Notebook, Netbook and Tablet Computers”, Oct 2015

[10] FCC KDB 941225 D01 v03r01, “3G SAR MEAUREMENT PROCEDURES”, Oct 2015

[11] FCC KDB 941225 D05 v02r05, “SAR Evaluation Considerations for LTE Devices”, Dec 2015

[12] FCC KDB 941225 D05A v01r02, “Rel. 10 LTE SAR Test Guidance and KDB Inquiries”, Oct 2015

[13] FCC KDB 941225 D06 v02r01, "SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities", Oct 2015.

[14] FCC KDB 447498 D04 v01, “Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies”, Nov 2021

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

Appendix A. Plots of System Performance Check

The plots are shown as follows.

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/5/10

System Check_Head_750MHz

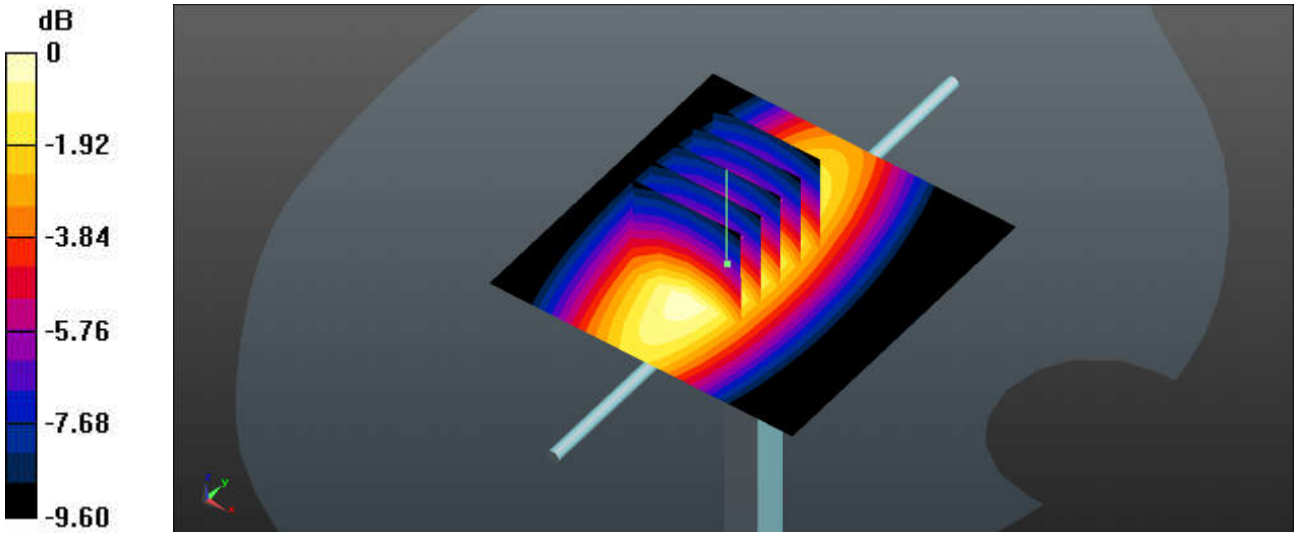
DUT: D750V3-SN:1099

Communication System: UID 0, CW (0); Frequency: 750 MHz;Duty Cycle: 1:1
Medium: HSL_750_220510 Medium parameters used: f = 750 MHz; σ = 0.889 S/m; ε_r = 40.877; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(9.78, 9.78, 9.78); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.77 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 57.90 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.07 W/kg
SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.46 W/kg
Maximum value of SAR (measured) = 2.79 W/kg



0 dB = 2.79 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/5/15

System Check_Head_750MHz

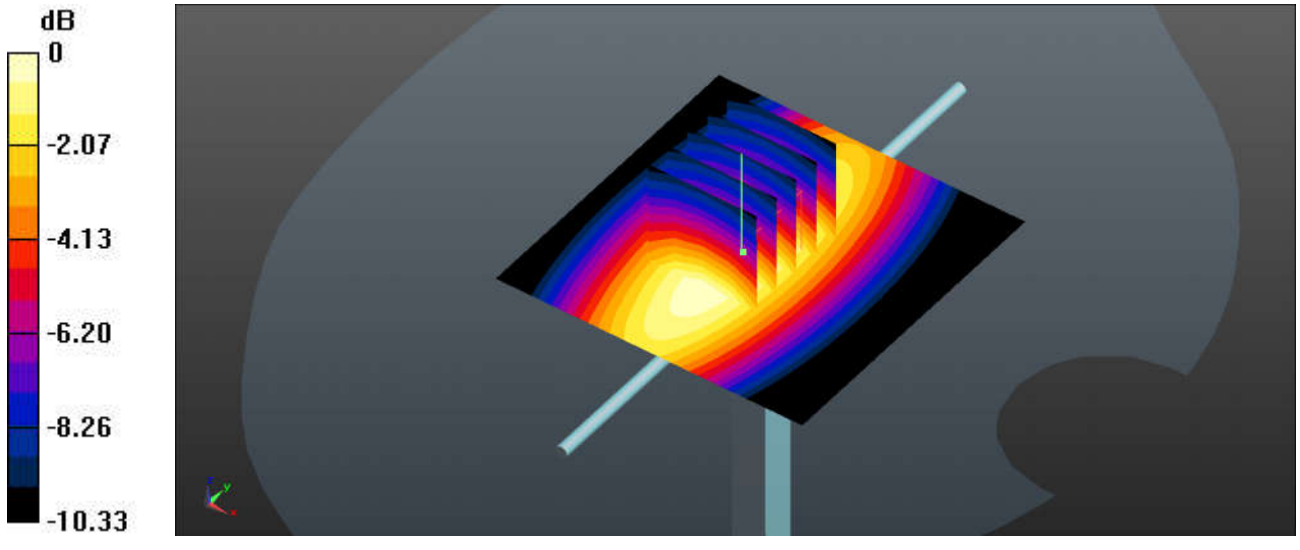
DUT: D750V3-SN:1099

Communication System: UID 0, CW (0); Frequency: 750 MHz;Duty Cycle: 1:1
Medium: HSL_750_220515 Medium parameters used: f = 750 MHz; σ = 0.885 S/m; ε_r = 40.799; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(9.78, 9.78, 9.78); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.31 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 52.60 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.90 W/kg
SAR(1 g) = 1.99 W/kg; SAR(10 g) = 1.31 W/kg
Maximum value of SAR (measured) = 2.30 W/kg



0 dB = 2.30 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/5/18

System Check_Head_750MHz

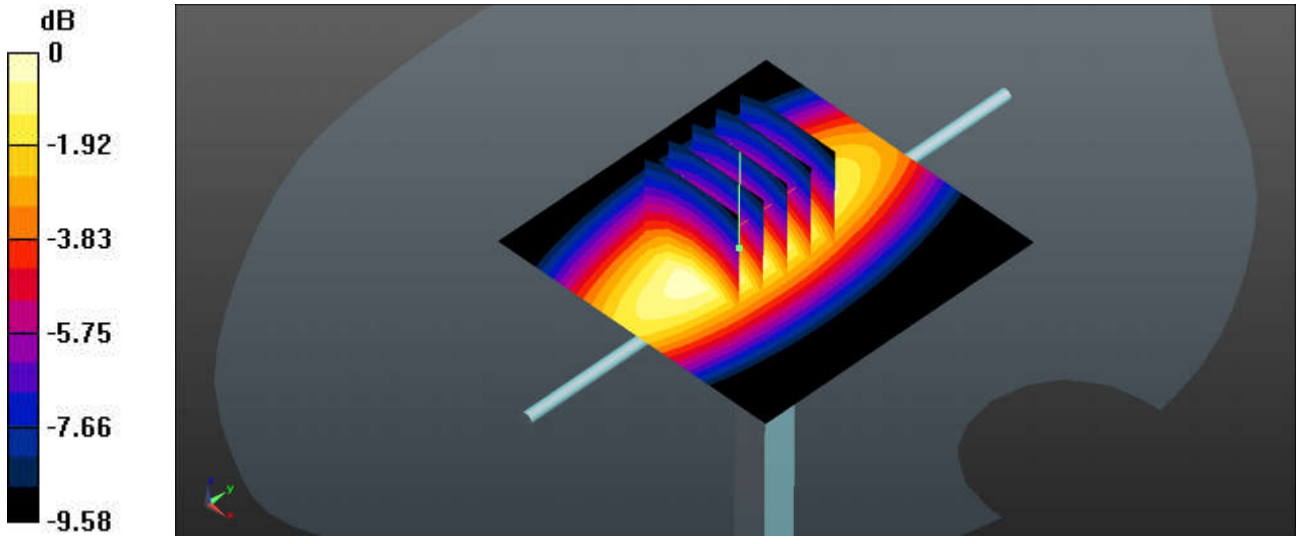
DUT: D750V3-SN:1099

Communication System: UID 0, CW (0); Frequency: 750 MHz;Duty Cycle: 1:1
Medium: HSL_750_220518 Medium parameters used: f = 750 MHz; σ = 0.888 S/m; ε_r = 40.879; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(9.78, 9.78, 9.78); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.77 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 57.90 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 3.07 W/kg
SAR(1 g) = 2.06 W/kg; SAR(10 g) = 1.36 W/kg
Maximum value of SAR (measured) = 2.78 W/kg



0 dB = 2.78 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/5/12

System Check_Head_835MHz

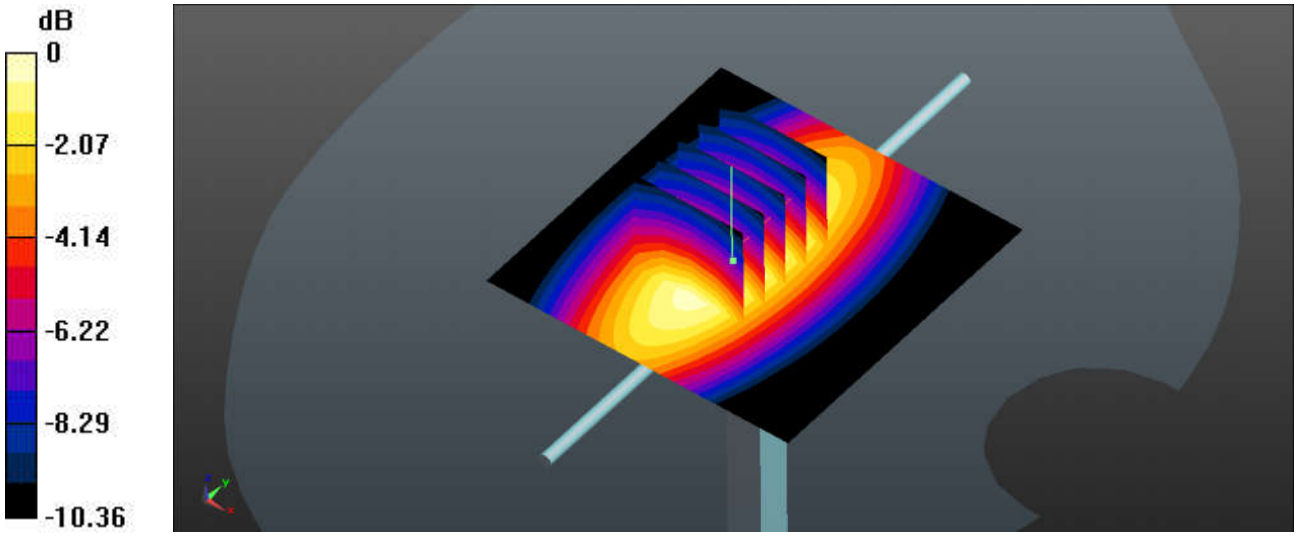
DUT: D835V2-SN:4d162

Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_220512 Medium parameters used: f = 835 MHz; σ = 0.904 S/m; ε_r = 41.804; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(9.55, 9.55, 9.55); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.34 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 63.41 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.72 W/kg
SAR(1 g) = 2.55 W/kg; SAR(10 g) = 1.69 W/kg
Maximum value of SAR (measured) = 3.35 W/kg



0 dB = 3.35 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/5/21

System Check_Head_835MHz

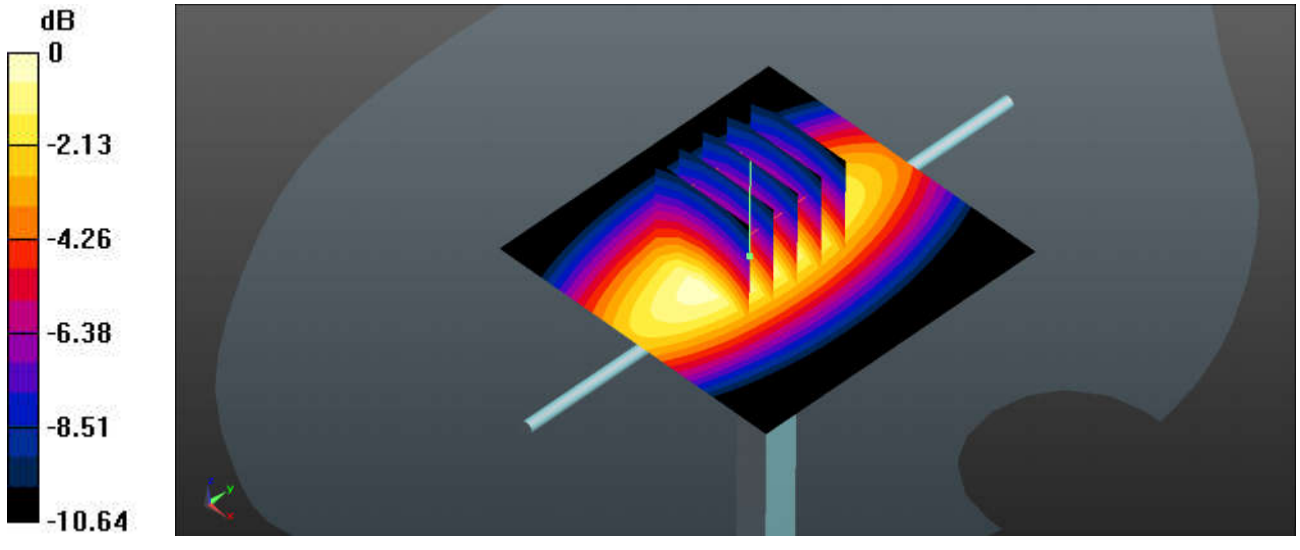
DUT: D835V2-SN:4d162

Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_220521 Medium parameters used: f = 835 MHz; σ = 0.902 S/m; ε_r = 40.749; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(9.55, 9.55, 9.55); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.44 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 64.80 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.86 W/kg
SAR(1 g) = 2.59 W/kg; SAR(10 g) = 1.7 W/kg
Maximum value of SAR (measured) = 3.44 W/kg



0 dB = 3.44 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/5/25

System Check_Head_835MHz

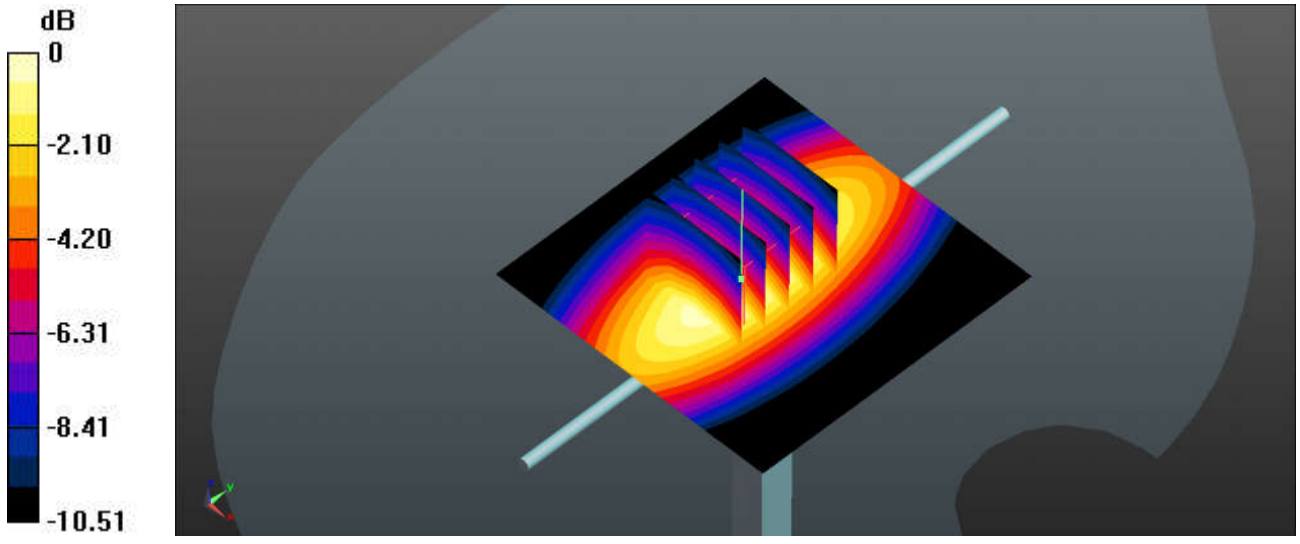
DUT: D835V2-SN:4d162

Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_220525 Medium parameters used: f = 835 MHz; σ = 0.911 S/m; ε_r = 42.404; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(9.55, 9.55, 9.55); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.34 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 63.11 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.77 W/kg
SAR(1 g) = 2.49 W/kg; SAR(10 g) = 1.64 W/kg
Maximum value of SAR (measured) = 3.33 W/kg



0 dB = 3.33 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/5/14

System Check_Head_1750MHz

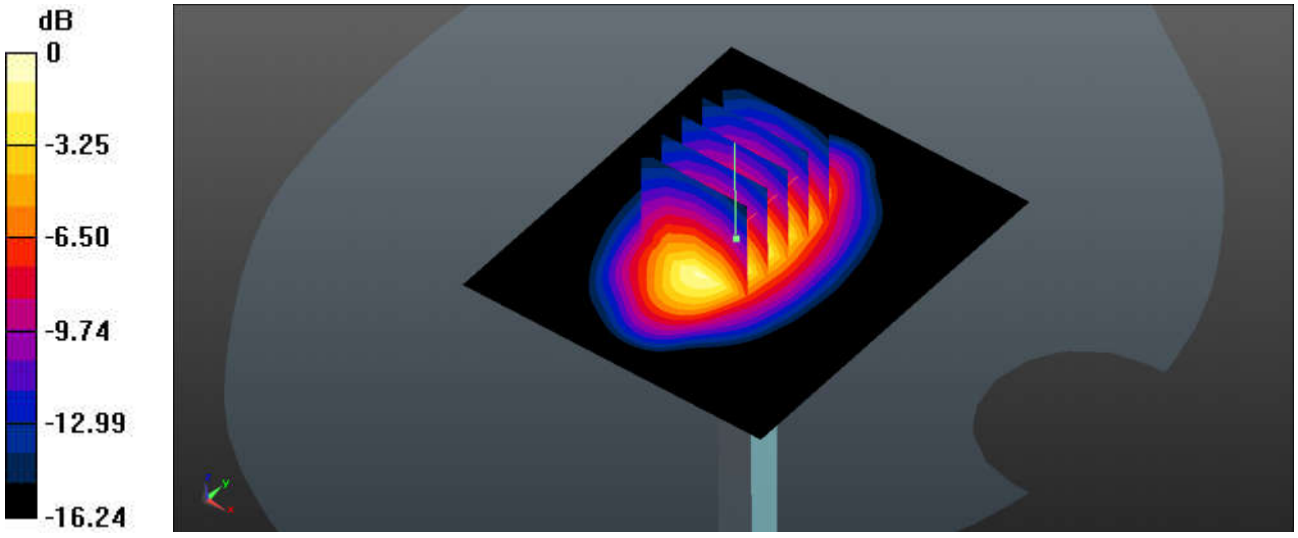
DUT: D1750V2-SN:1137

Communication System: UID 0, CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: HSL_1750_220514 Medium parameters used: f = 1750 MHz; σ = 1.387 S/m; ε_r = 38.732; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(8.4, 8.4, 8.4); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.9 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 102.6 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 15.4 W/kg
SAR(1 g) = 8.69 W/kg; SAR(10 g) = 4.73 W/kg
Maximum value of SAR (measured) = 12.9 W/kg



0 dB = 12.9 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/5/30

System Check_Head_1750MHz

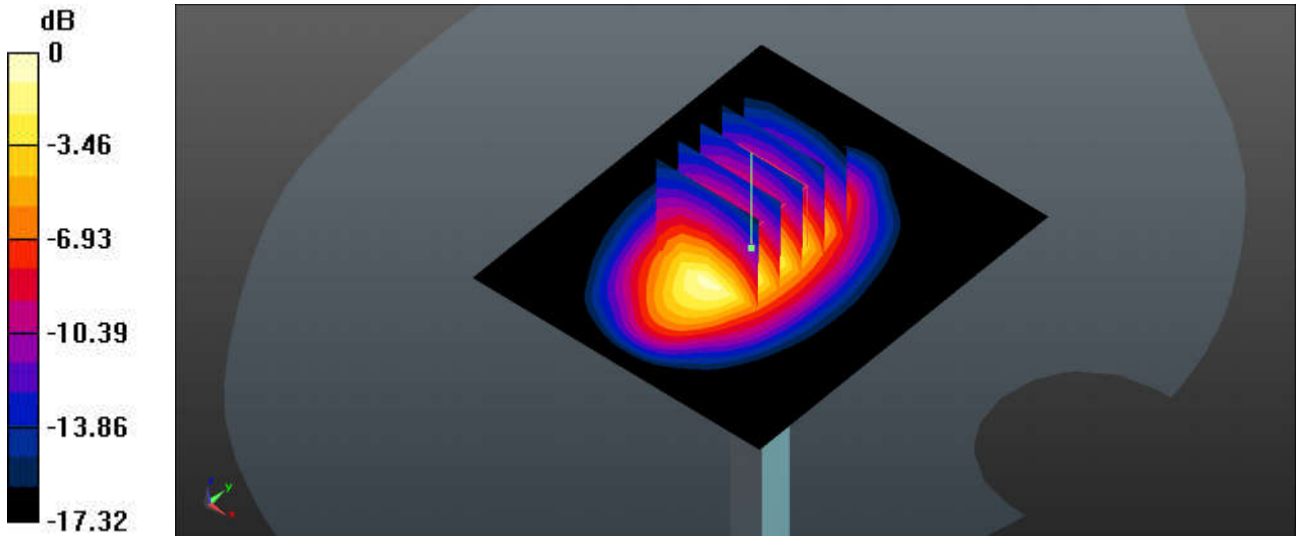
DUT: D1750V2-SN:1137

Communication System: UID 0, CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: HSL_1750_220530 Medium parameters used: f = 1750 MHz; σ = 1.404 S/m; ε_r = 41.634; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(8.4, 8.4, 8.4); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 15.2 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 105.2 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 17.1 W/kg
SAR(1 g) = 9.58 W/kg; SAR(10 g) = 5.14 W/kg
Maximum value of SAR (measured) = 14.5 W/kg



0 dB = 14.5 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/6/4

System Check_Head_1750MHz

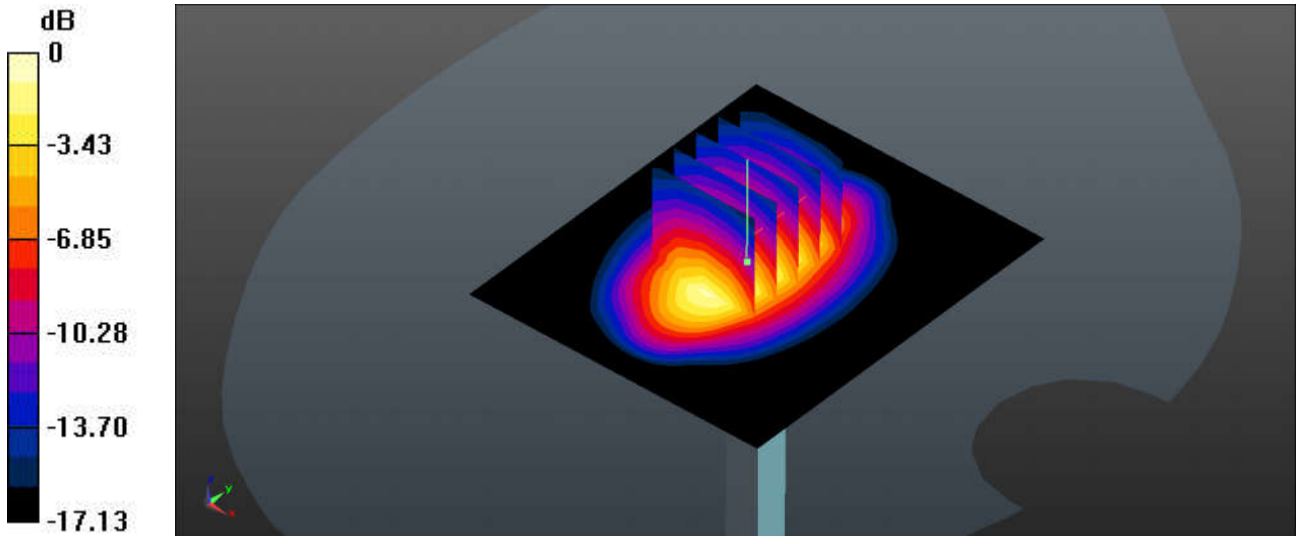
DUT: D1750V2-SN:1137

Communication System: UID 0, CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: HSL_1750_220604 Medium parameters used: f = 1750 MHz; σ = 1.340 S/m; ε_r = 38.737; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(8.4, 8.4, 8.4); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.8 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 101.8 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 15.4 W/kg
SAR(1 g) = 8.64 W/kg; SAR(10 g) = 4.64 W/kg
Maximum value of SAR (measured) = 13.0 W/kg



0 dB = 13.0 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/5/16

System Check_Head_1900MHz

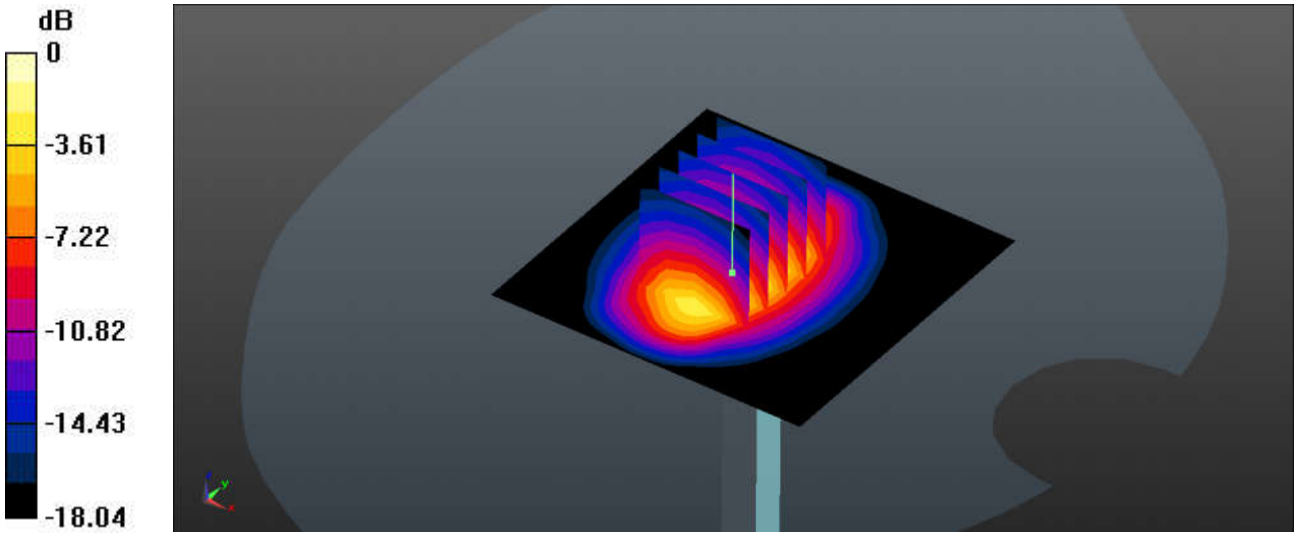
DUT: D1900V2-SN:5d182

Communication System: UID 0, CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_220516 Medium parameters used: f = 1900 MHz; σ = 1.414 S/m; ε_r = 41.126; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(8.13, 8.13, 8.13); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 15.6 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 102.6 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 18.7 W/kg
SAR(1 g) = 10 W/kg; SAR(10 g) = 5.22 W/kg
Maximum value of SAR (measured) = 15.5 W/kg



0 dB = 15.5 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/6/8

System Check_Head_1900MHz

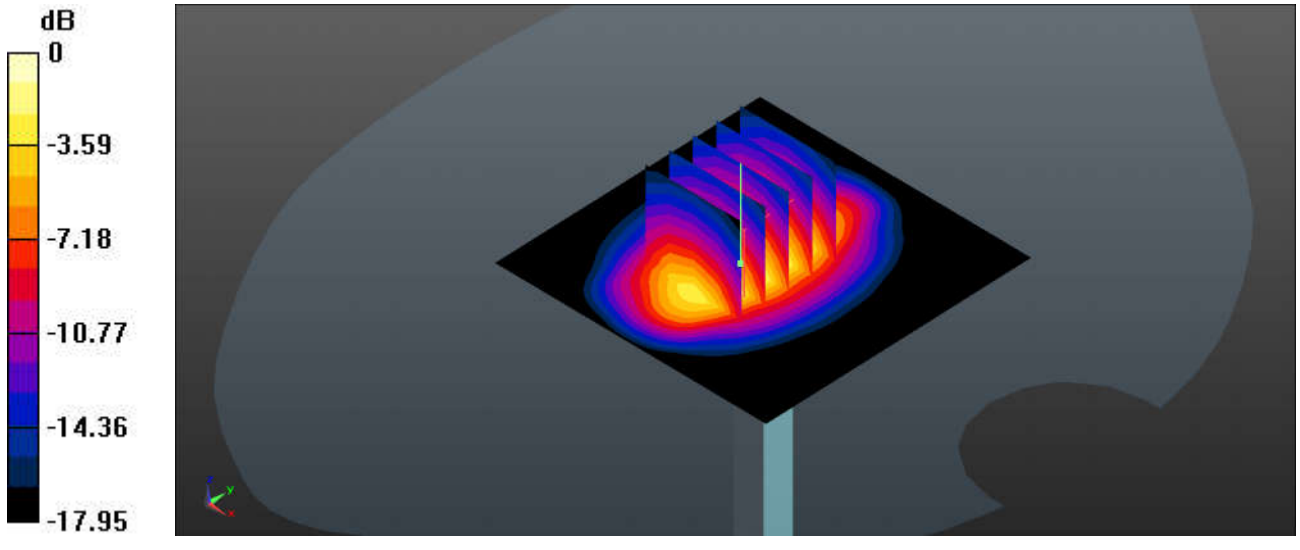
DUT: D1900V2-SN:5d182

Communication System: UID 0, CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_220608 Medium parameters used: f = 1900 MHz; σ = 1.398 S/m; ε_r = 38.705; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(8.13, 8.13, 8.13); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 15.4 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 104.1 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 18.2 W/kg
SAR(1 g) = 9.98 W/kg; SAR(10 g) = 5.25 W/kg
Maximum value of SAR (measured) = 15.4 W/kg



0 dB = 15.4 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/7/9

System Check_Head_1900MHz

DUT: D1900V2-SN:5d182

Communication System: UID 0, CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_220709 Medium parameters used: f = 1900 MHz; σ = 1.385 S/m; ε_r = 41.154; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

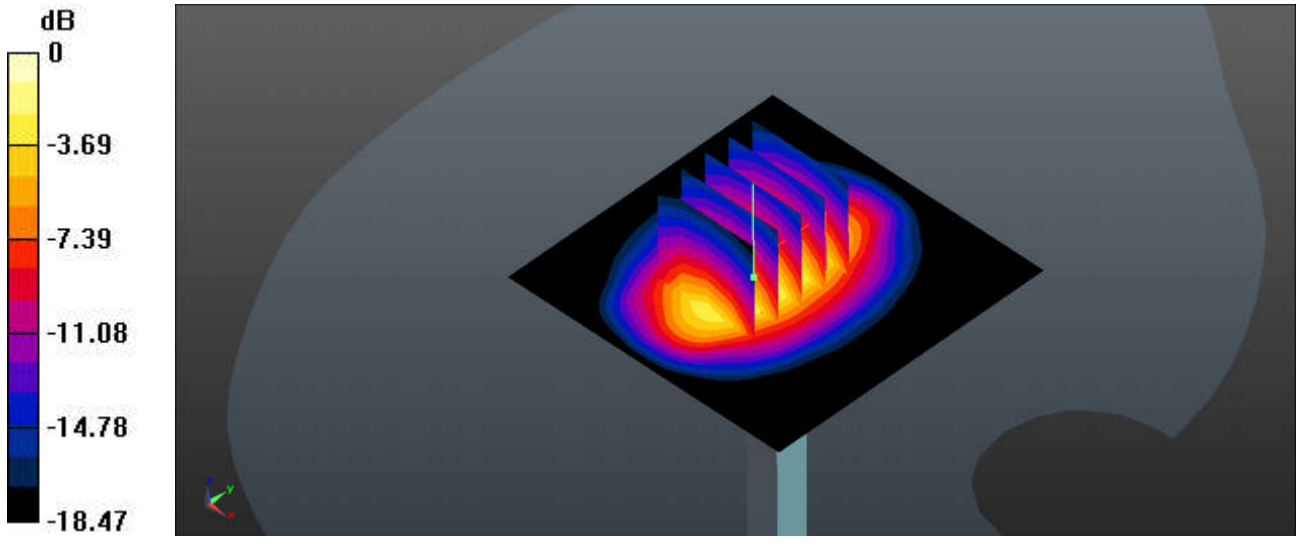
DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(8.13, 8.13, 8.13); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 16.1 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 103.3 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 24.9 W/kg
SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.33 W/kg
Maximum value of SAR (measured) = 15.8 W/kg



0 dB = 15.8 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/5/18

System Check_Head_2300MHz

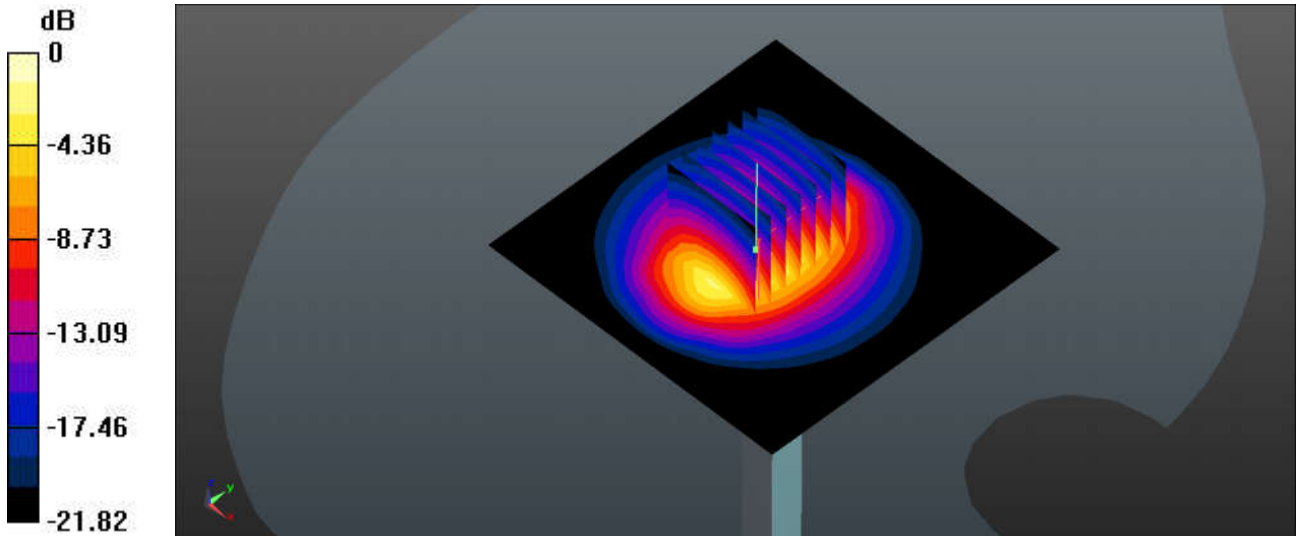
DUT: D2300V2-SN:1056

Communication System: UID 0, CW (0); Frequency: 2300 MHz;Duty Cycle: 1:1
Medium: HSL_2300_220518 Medium parameters used: f = 2300 MHz; σ = 1.689 S/m; ε_r = 38.556; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(8.6, 8.6, 8.6); Calibrated: 2022/4/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 19.6 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 107.7 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 24.3 W/kg
SAR(1 g) = 11.7 W/kg; SAR(10 g) = 5.42 W/kg
Maximum value of SAR (measured) = 19.5 W/kg



0 dB = 19.5 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/6/16

System Check_Head_2300MHz

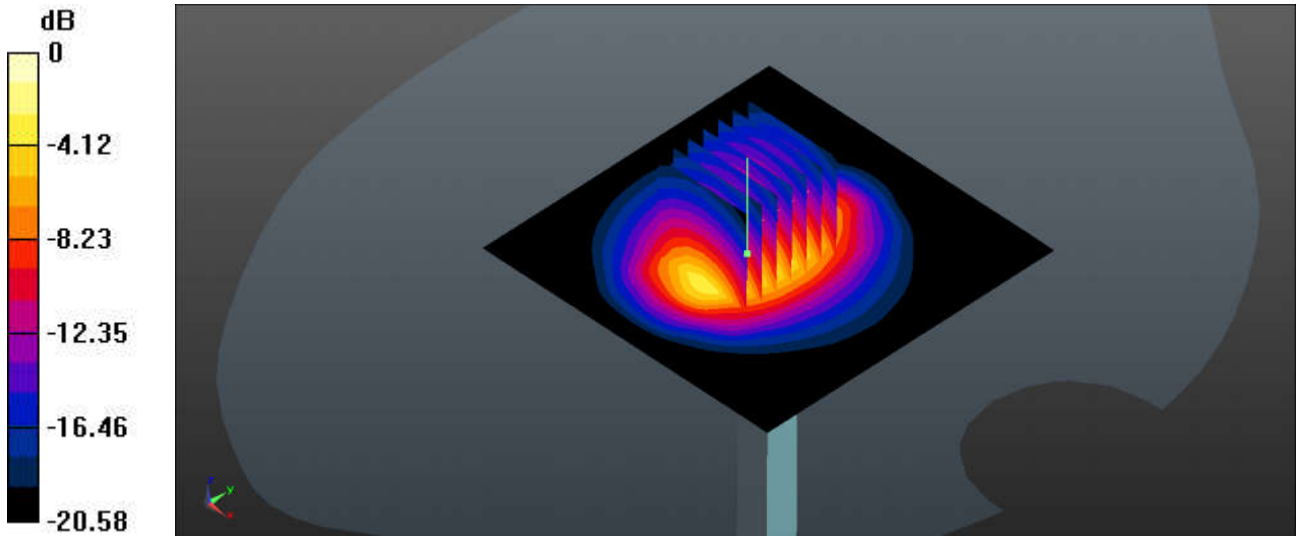
DUT: D2300V2-SN:1056

Communication System: UID 0, CW (0); Frequency: 2300 MHz;Duty Cycle: 1:1
Medium: HSL_2300_220616 Medium parameters used: f = 2300 MHz; σ = 1.725 S/m; ε_r = 38.149; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(8.6, 8.6, 8.6); Calibrated: 2022/4/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 21.5 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 110.1 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 26.3 W/kg
SAR(1 g) = 12.7 W/kg; SAR(10 g) = 6.08 W/kg
Maximum value of SAR (measured) = 21.1 W/kg



0 dB = 21.1 W/kg

System Check_2450MHz

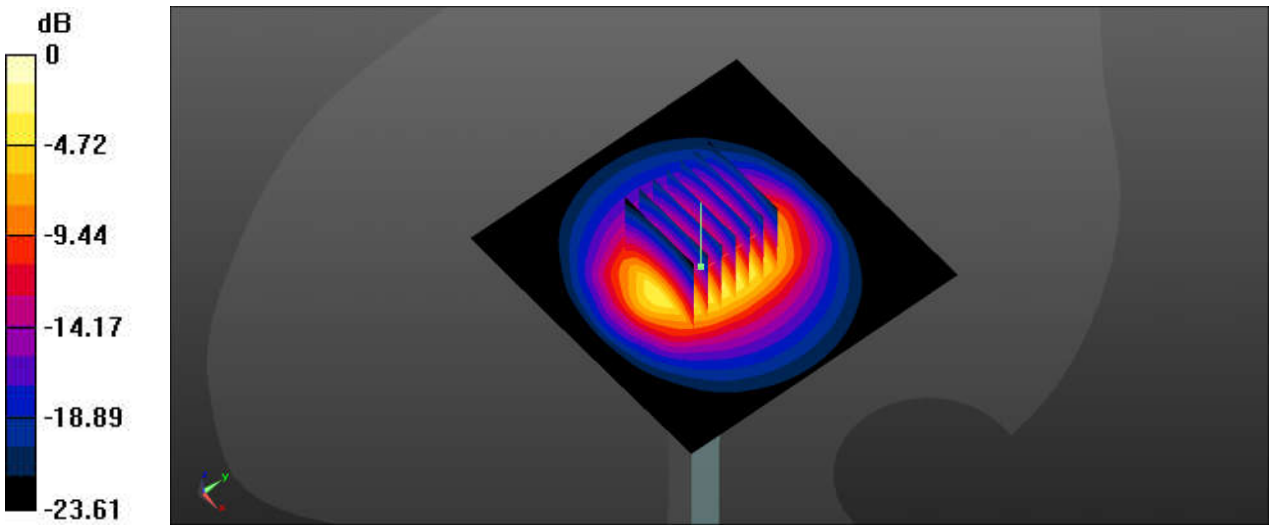
DUT: D2450V2-SN:924

Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_220613 Medium parameters used: f = 2450 MHz; σ = 1.867 S/m; ε_r = 37.926; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(7.63, 7.63, 7.63); Calibrated: 2022/3/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2022/4/12
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 19.0 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 102.1 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 30.0 W/kg
SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.23 W/kg
Maximum value of SAR (measured) = 18.5 W/kg



0 dB = 18.5 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/6/23

System Check_Head_2450MHz

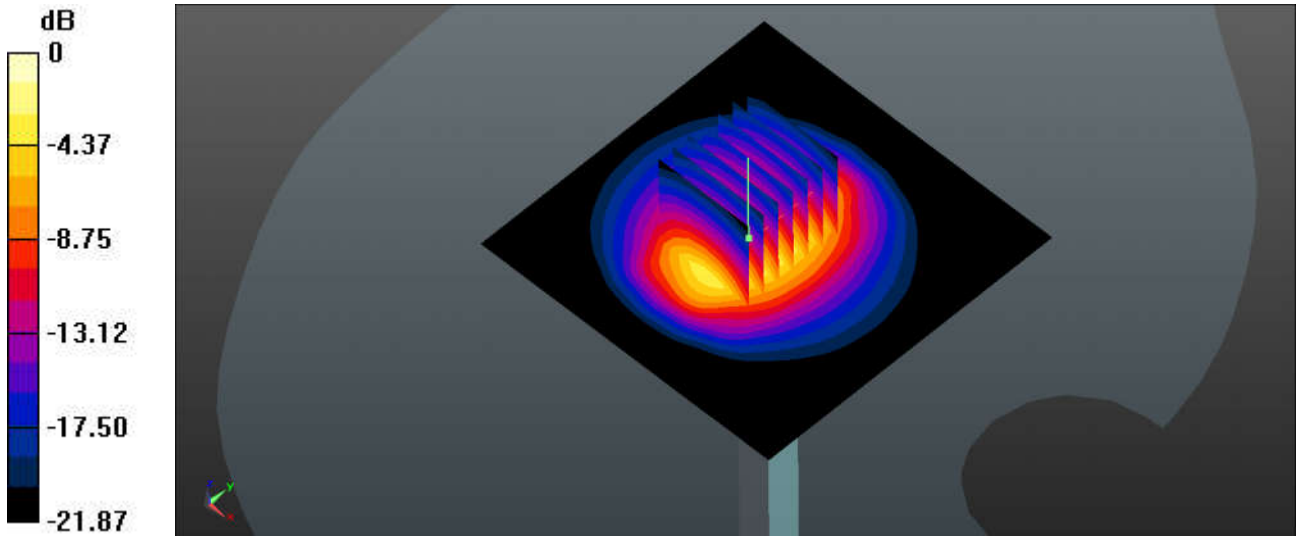
DUT: D2450V2-SN:924

Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_220623 Medium parameters used: f = 2450 MHz; σ = 1.767 S/m; ε_r = 38.357; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(8.03, 8.03, 8.03); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 20.1 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 102.4 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 33.9 W/kg
SAR(1 g) = 13.45 W/kg; SAR(10 g) = 5.77 W/kg
Maximum value of SAR (measured) = 19.9 W/kg



0 dB = 19.9 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/5/20

System Check_Head_2600MHz

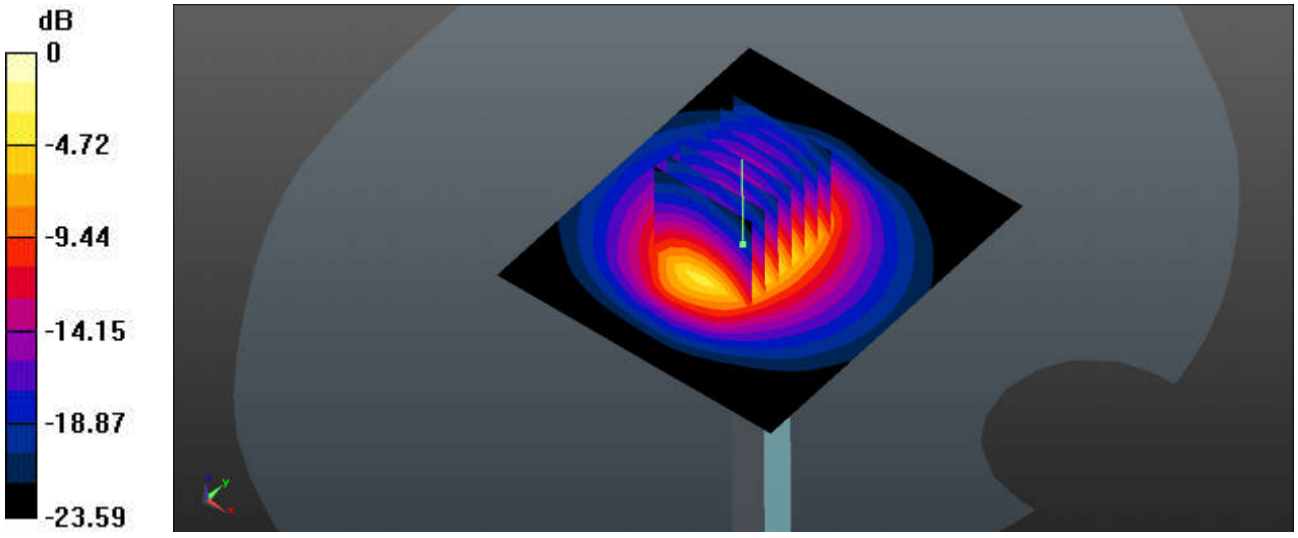
DUT: D2600V2-SN:1070

Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: HSL_2600_220520 Medium parameters used: f = 2600 MHz; σ = 1.938 S/m; ε_r = 37.938; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(7.68, 7.68, 7.68); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 23.5 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 109.0 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 29.3 W/kg
SAR(1 g) = 13.2 W/kg; SAR(10 g) = 5.81 W/kg
Maximum value of SAR (measured) = 22.8 W/kg



0 dB = 22.8 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/6/15

System Check_Head_2600MHz

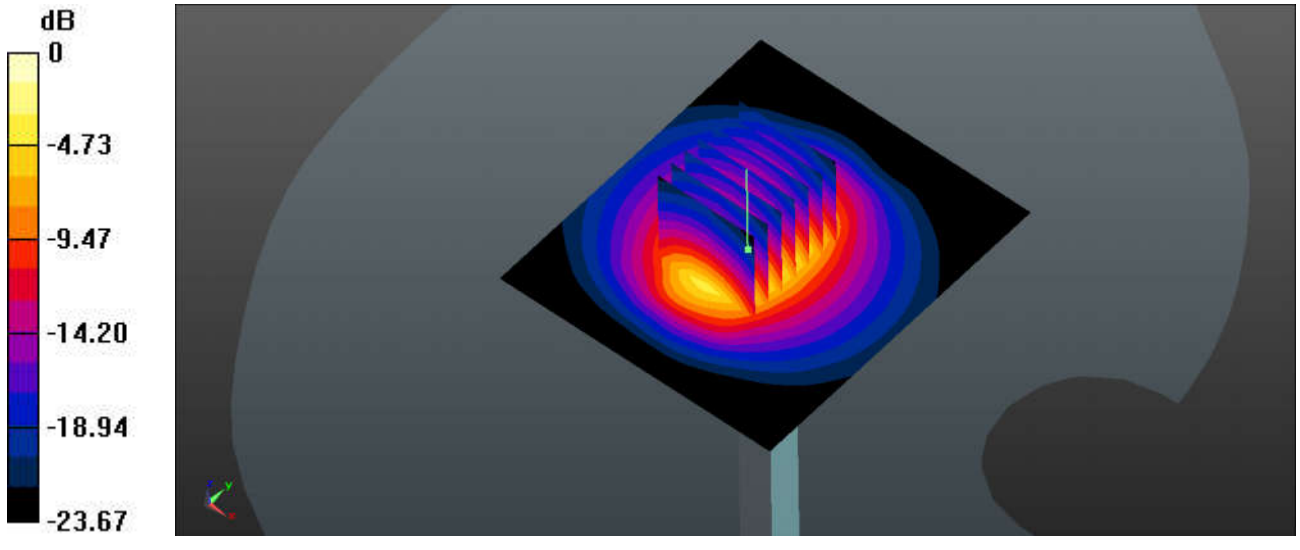
DUT: D2600V2-SN:1070

Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: HSL_2600_220615 Medium parameters used: f = 2600 MHz; σ = 1.937 S/m; ε_r = 37.939; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(7.68, 7.68, 7.68); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 23.8 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 109.1 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 29.9 W/kg
SAR(1 g) = 12.8 W/kg; SAR(10 g) = 5.74 W/kg
Maximum value of SAR (measured) = 23.1 W/kg



0 dB = 23.1 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/6/20

System Check_Head_2600MHz

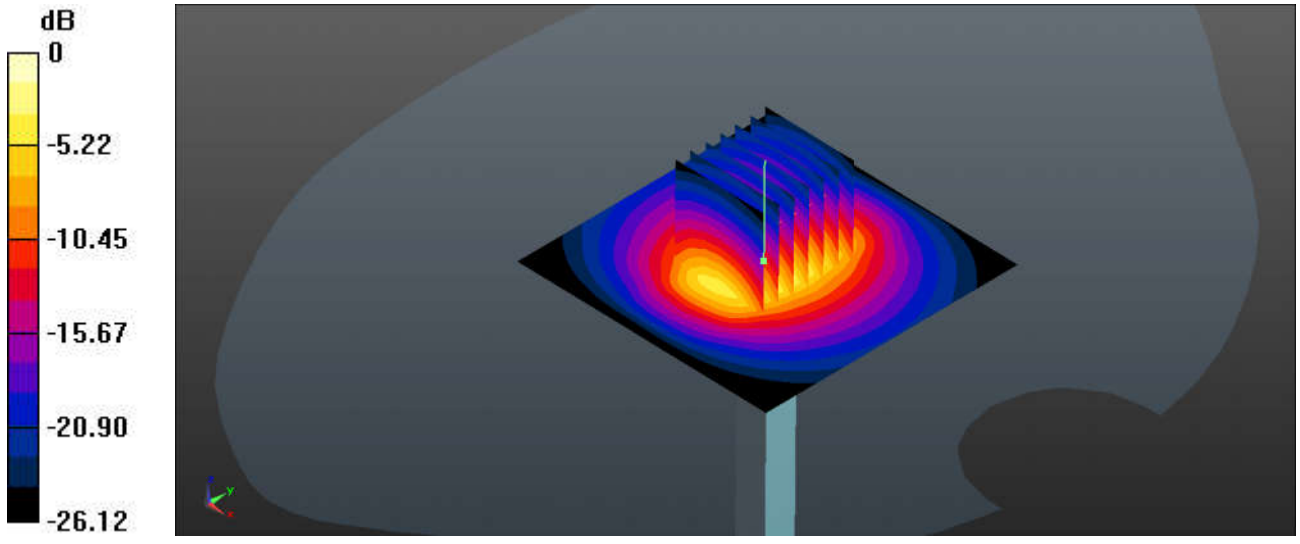
DUT: D2600V2-SN:1070

Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: HSL_2600_220620 Medium parameters used: f = 2600 MHz; σ = 1.977 S/m; ε_r = 38.432; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(7.68, 7.68, 7.68); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 18.4 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 100.8 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 24.0 W/kg
SAR(1 g) = 14.2 W/kg; SAR(10 g) = 6.33 W/kg
Maximum value of SAR (measured) = 18.5 W/kg



0 dB = 18.5 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/5/22

System Check_Head_3500MHz

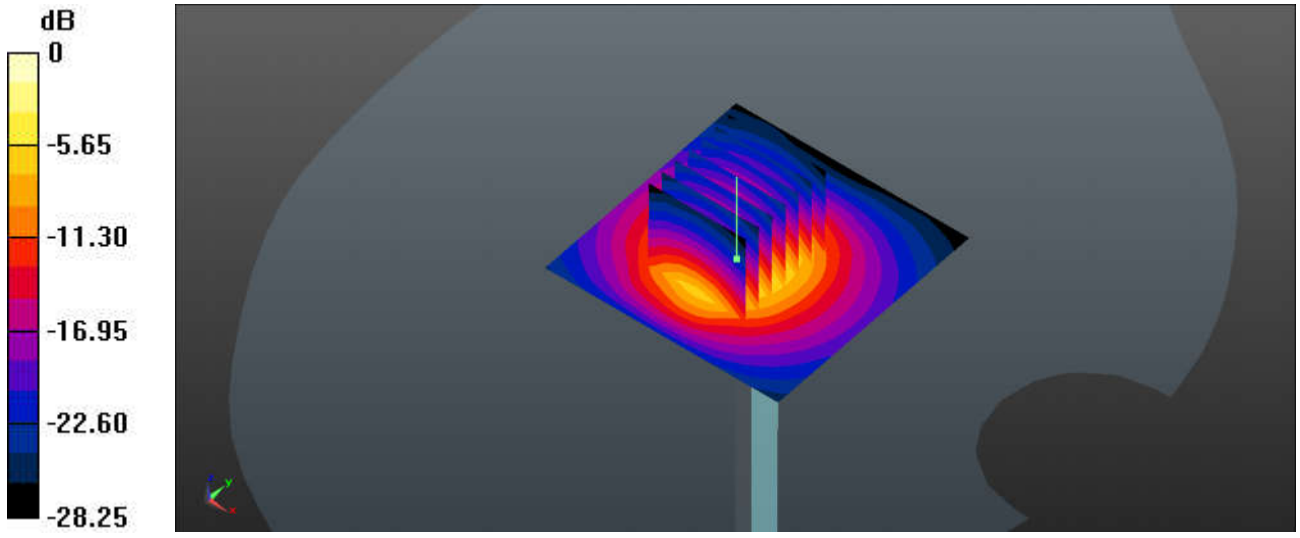
DUT: D3500V2-SN:1076

Communication System: UID 0, CW (0); Frequency: 3500 MHz;Duty Cycle: 1:1
Medium: HSL_3500_220522 Medium parameters used: f = 3500 MHz; σ = 2.896 S/m; ε_r = 38.203; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(6.65, 6.65, 6.65); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 14.8 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 69.40 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 19.7 W/kg
SAR(1 g) = 6.68 W/kg; SAR(10 g) = 2.57 W/kg
Maximum value of SAR (measured) = 14.7 W/kg



0 dB = 14.7 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/7/4

System Check_Head_3500MHz

DUT: D3500V2-SN:1076

Communication System: UID 0, CW (0); Frequency: 3500 MHz;Duty Cycle: 1:1
Medium: HSL_3500_220704 Medium parameters used: f = 3500 MHz; σ = 2.912 S/m; ε_r = 38.343; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

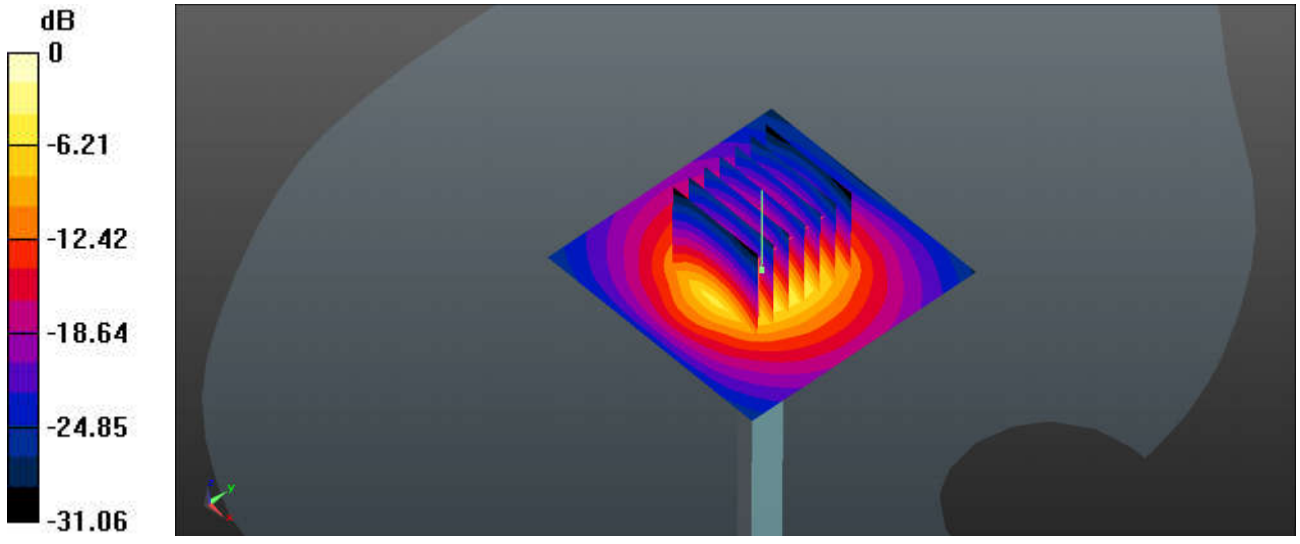
DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(6.65, 6.65, 6.65); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 10.6 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 63.28 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 14.6 W/kg
SAR(1 g) = 6.77 W/kg; SAR(10 g) = 2.64 W/kg
Maximum value of SAR (measured) = 10.5 W/kg



0 dB = 10.5 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/5/24

System Check_Head_3700MHz

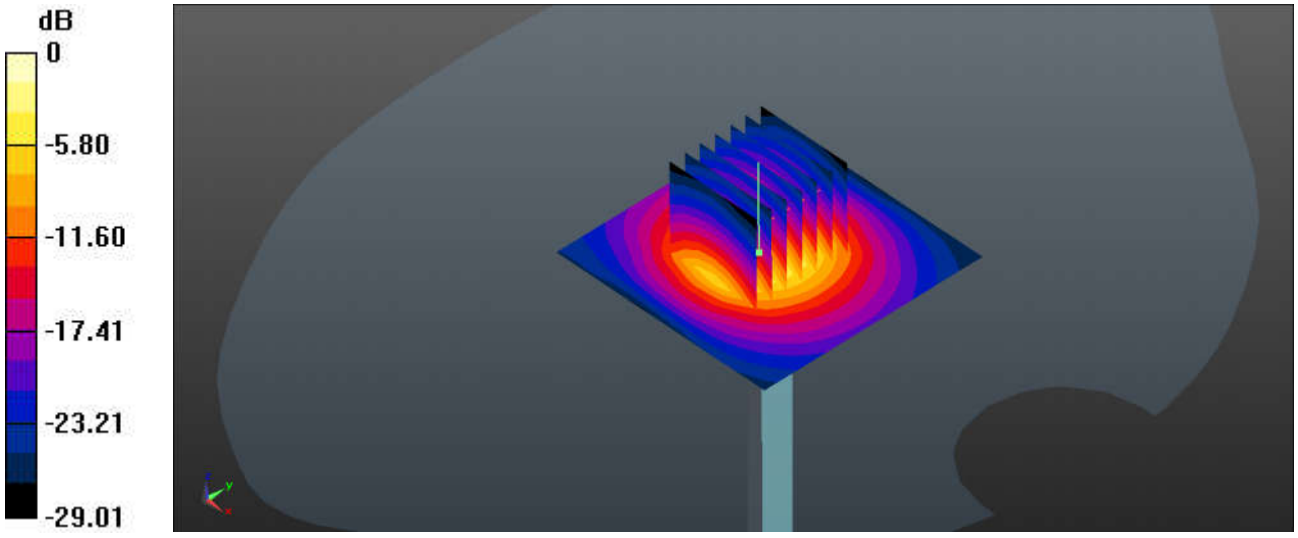
DUT: D3700V2-SN:1037

Communication System: UID 0, CW (0); Frequency: 3700 MHz;Duty Cycle: 1:1
Medium: HSL_3700_220524 Medium parameters used: f = 3700 MHz; σ = 3.048 S/m; ε_r = 37.958; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(6.49, 6.49, 6.49); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 15.3 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 74.26 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 21.0 W/kg
SAR(1 g) = 7.28 W/kg; SAR(10 g) = 2.52 W/kg
Maximum value of SAR (measured) = 15.4 W/kg



0 dB = 15.4 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/7/6

System Check_Head_3700MHz

DUT: D3700V2-SN:1037

Communication System: UID 0, CW (0); Frequency: 3700 MHz;Duty Cycle: 1:1
Medium: HSL_3700_220706 Medium parameters used: f = 3700 MHz; σ = 3.107 S/m; ε_r = 37.987; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

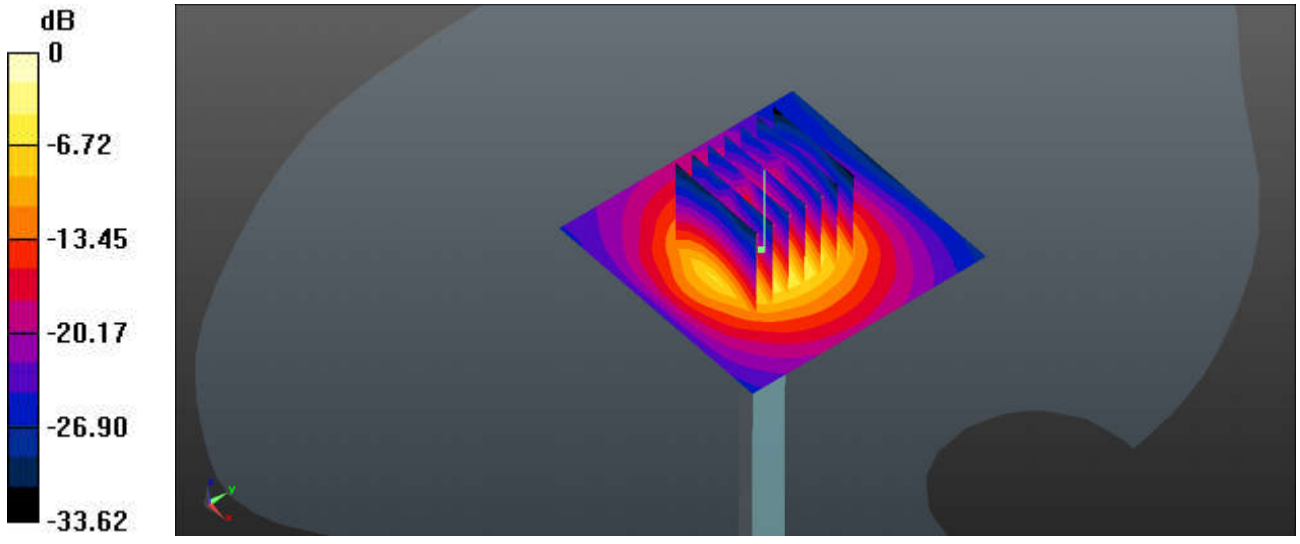
DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(6.49, 6.49, 6.49); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 11.3 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 63.58 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 15.2 W/kg
SAR(1 g) = 6.64 W/kg; SAR(10 g) = 2.47 W/kg
Maximum value of SAR (measured) = 10.9 W/kg



0 dB = 10.9 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/5/26

System Check_Head_3900MHz

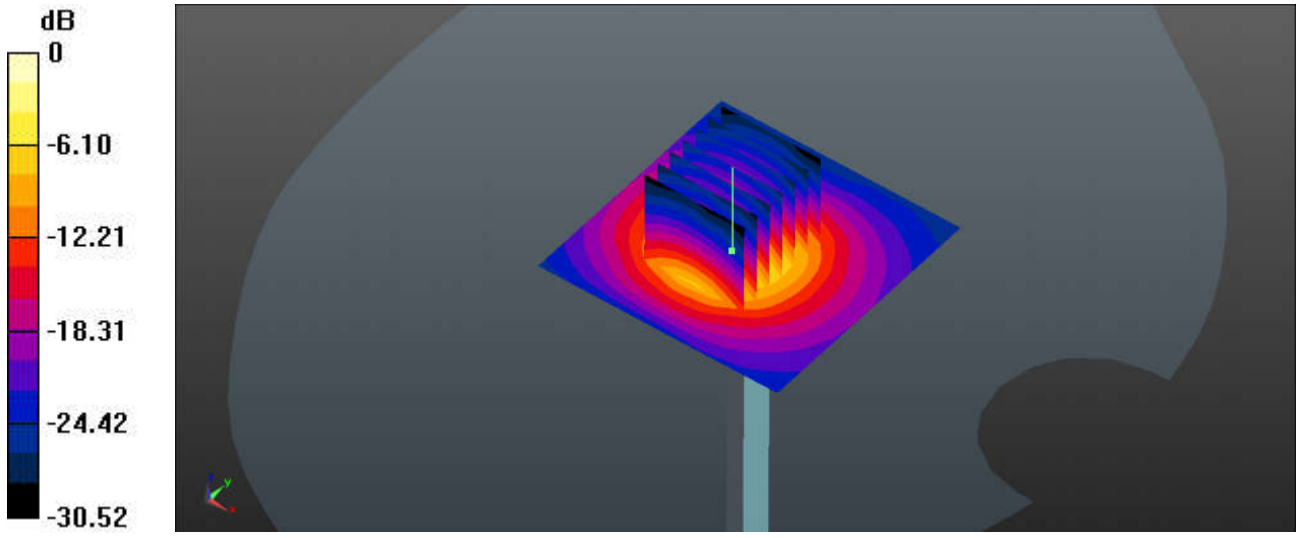
DUT: D3900V2-SN:1022

Communication System: UID 0, CW (0); Frequency: 3900 MHz;Duty Cycle: 1:1
Medium: HSL_3900_220526 Medium parameters used: f = 3900 MHz; σ = 3.208 S/m; ε_r = 37.743; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(6.15, 6.15, 6.15); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 15.2 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 69.33 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 21.3 W/kg
SAR(1 g) = 7.69 W/kg; SAR(10 g) = 2.64 W/kg
Maximum value of SAR (measured) = 15.5 W/kg



0 dB = 15.5 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/7/2

System Check_Head_3900MHz

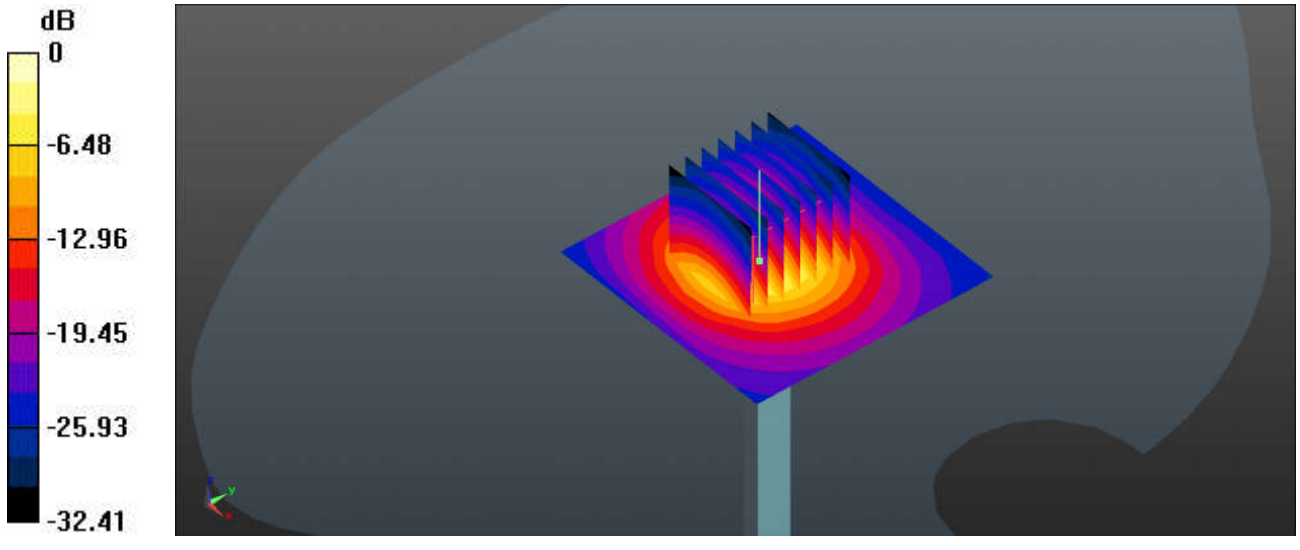
DUT: D3900V2-SN:1022

Communication System: UID 0, CW (0); Frequency: 3900 MHz;Duty Cycle: 1:1
Medium: HSL_3900_220702 Medium parameters used: f = 3900 MHz; σ = 3.227 S/m; ε_r = 37.873; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(6.15, 6.15, 6.15); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 14.0 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 67.29 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 20.0 W/kg
SAR(1 g) = 6.99 W/kg; SAR(10 g) = 2.46 W/kg
Maximum value of SAR (measured) = 14.4 W/kg



0 dB = 14.4 W/kg

System Check_5250MHz

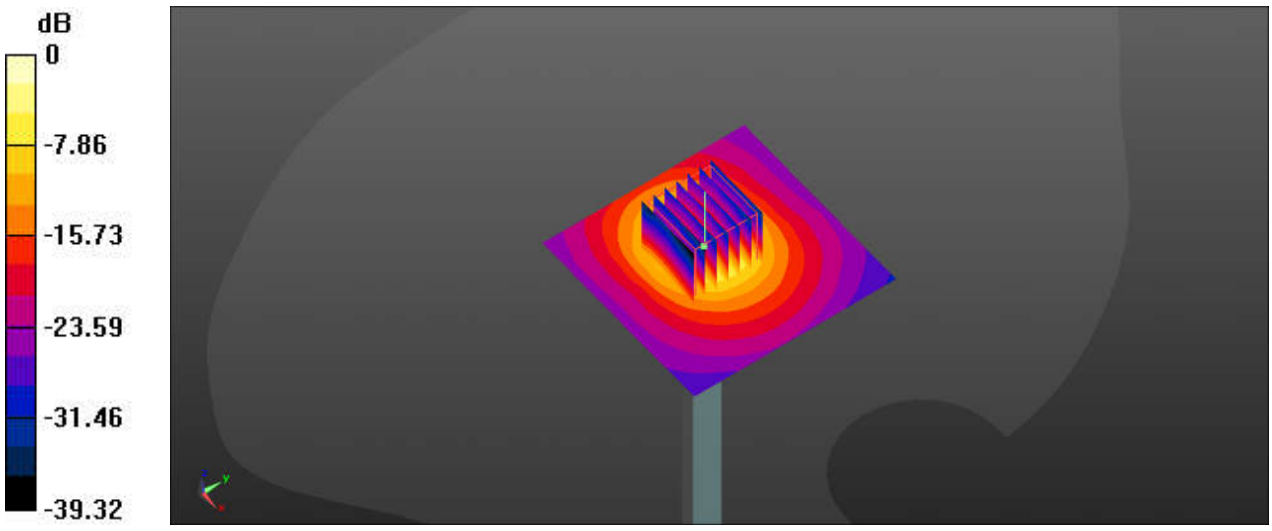
DUT: D5GHzV2-SN:1341

Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: HSL_5250_220614 Medium parameters used: f = 5250 MHz; σ = 4.597 S/m; ε_r = 36.617; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(5.25, 5.25, 5.25); Calibrated: 2022/3/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2022/4/12
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.1 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 47.94 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 31.3 W/kg
SAR(1 g) = 7.73 W/kg; SAR(10 g) = 2.37 W/kg
Maximum value of SAR (measured) = 17.9 W/kg



0 dB = 17.9 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/6/22

System Check_Head_5250MHz

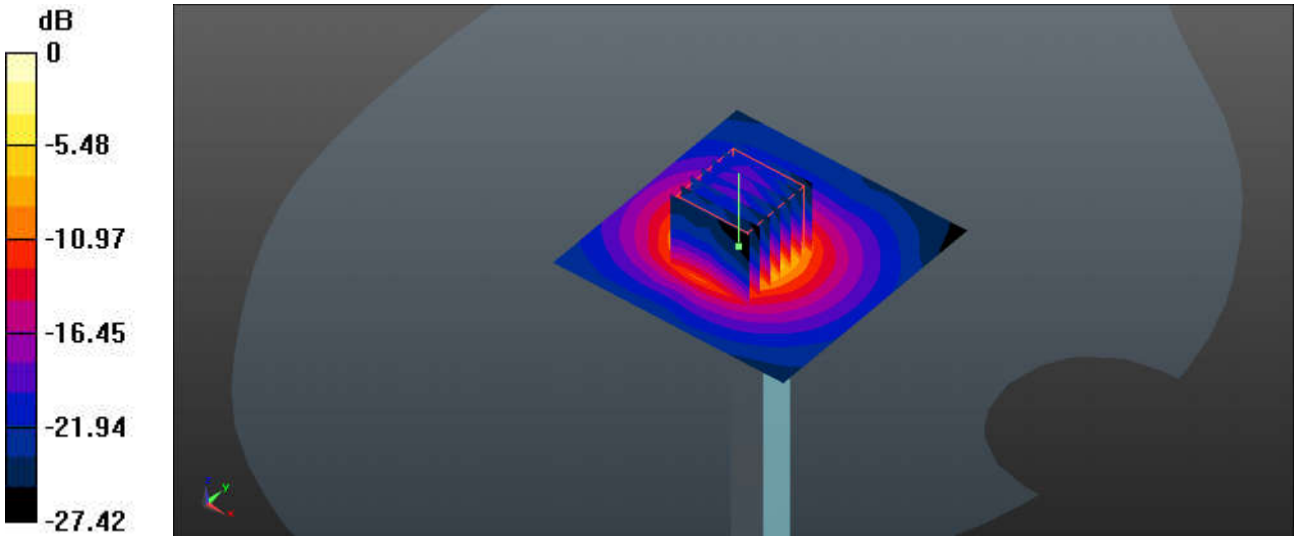
D5GHzV2-SN:1341

Communication System: UID 0, CW; Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: HSL_5250_220622 Medium parameters used: f = 5250 MHz; σ = 4.557 S/m; ε_r = 36.293; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(5.4, 5.4, 5.4); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.0 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 59.88 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 29.8 W/kg
SAR(1 g) = 7.45 W/kg; SAR(10 g) = 2.11 W/kg
Maximum value of SAR (measured) = 18.4 W/kg



0 dB = 18.4 W/kg

System Check_5600MHz

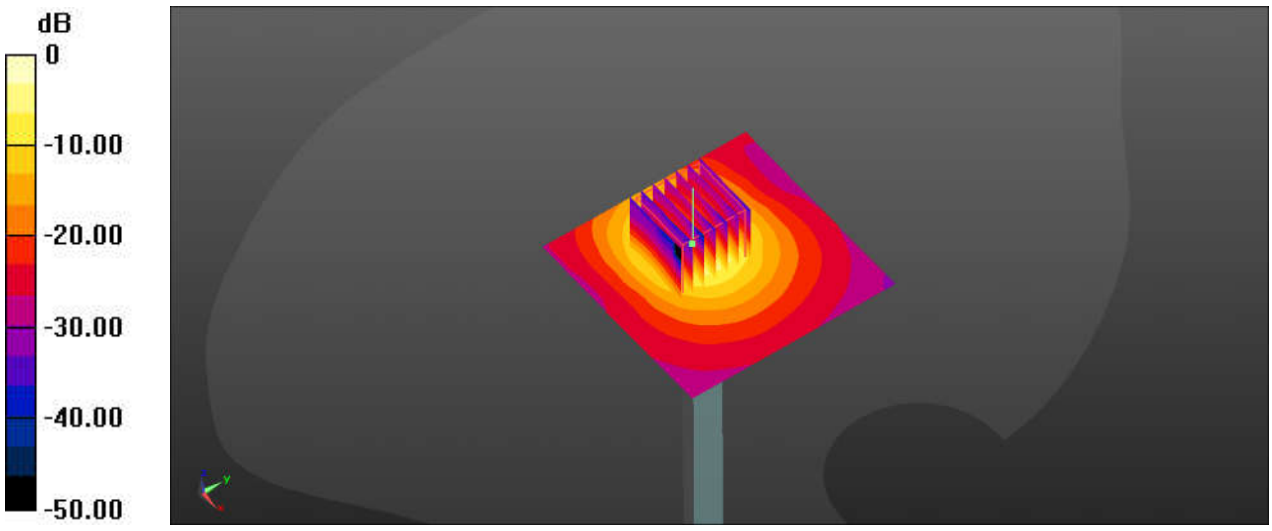
DUT: D5GHzV2-SN:1341

Communication System: UID 0, CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: HSL_5600_220615 Medium parameters used: f = 5600 MHz; σ = 5.006 S/m; ε_r = 36.08; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(4.7, 4.7, 4.7); Calibrated: 2022/3/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2022/4/12
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 20.6 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 37.25 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 38.7 W/kg
SAR(1 g) = 8.26 W/kg; SAR(10 g) = 2.35 W/kg
Maximum value of SAR (measured) = 21.4 W/kg



0 dB = 21.4 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/6/24

System Check_Head_5600MHz

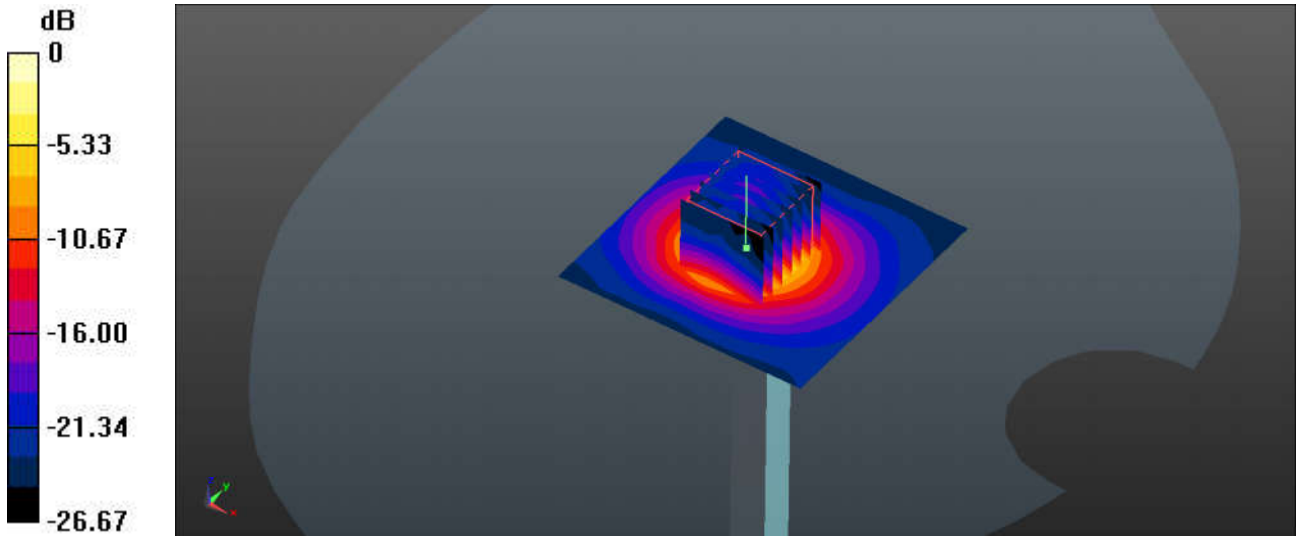
D5GHzV2-SN:1341

Communication System: UID 0, CW; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: HSL_5600_220624 Medium parameters used: f = 5600 MHz; σ = 4.908 S/m; ε_r = 35.818; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(4.82, 4.82, 4.82); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 19.2 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 64.27 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 32.7 W/kg
SAR(1 g) = 7.68 W/kg; SAR(10 g) = 2.19 W/kg
Maximum value of SAR (measured) = 18.1 W/kg



0 dB = 18.1 W/kg

System Check_5750MHz

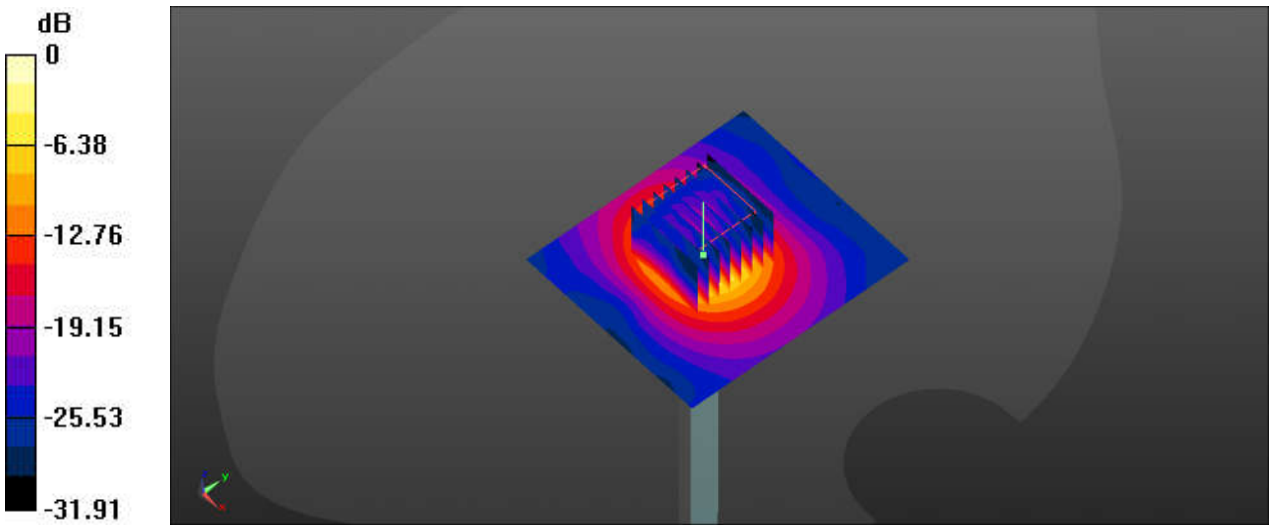
DUT: D5GHzV2-SN:1341

Communication System: UID 0, CW (0); Frequency: 5750 MHz;Duty Cycle: 1:1
Medium: HSL_5750_220616 Medium parameters used: f = 5750 MHz; σ = 5.175 S/m; ε_r = 35.814; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(4.75, 4.75, 4.75); Calibrated: 2022/3/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2022/4/12
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 19.0 W/kg

Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 45.62 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 30.3 W/kg
SAR(1 g) = 7.7 W/kg; SAR(10 g) = 2.33 W/kg
Maximum value of SAR (measured) = 17.5 W/kg



0 dB = 17.5 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/6/26

System Check_Head_5750MHz

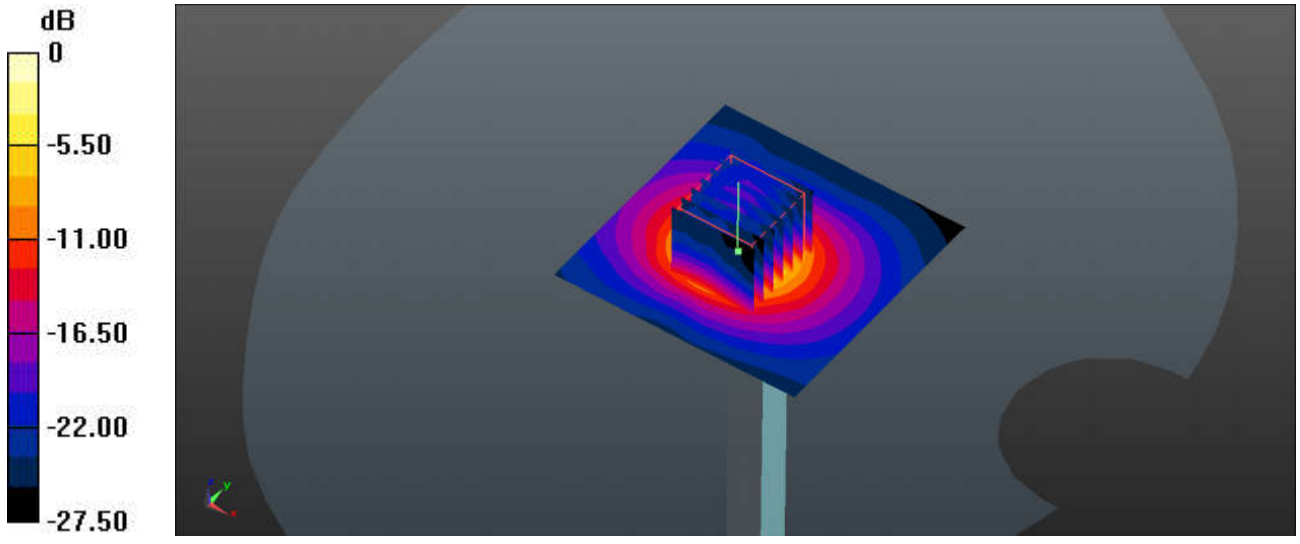
D5GHzV2-SN:1341

Communication System: UID 0, CW; Frequency: 5750 MHz;Duty Cycle: 1:1
Medium: HSL_5750_220626 Medium parameters used: f = 5750 MHz; σ = 5.067 S/m; ε_r = 35.602; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(5.03, 5.03, 5.03); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2021/7/15
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.4 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 58.46 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 33.8 W/kg
SAR(1 g) = 7.33 W/kg; SAR(10 g) = 2.13 W/kg
Maximum value of SAR (measured) = 18.8 W/kg



0 dB = 18.8 W/kg

Appendix B. Plots of High SAR Measurement

The plots are shown as follows.