



Appendix B-1

Table of SAR Test Record

1. Head SAR
2. Body-Worn SAR
3. Hotspot SAR
4. Product Specific 10g SAR
5. Repeated SAR

Head SAR

Plot No.	Band	BW.	Modulation	RB Size	RB offset	Mode	Test Position	Gap(mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	Scaled Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift(dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
Head SAR Data																				
750MHz																				
	LTE Band12	10M	QPSK	1	0	-	Left Cheek	0mm	Ant0	DSI2	23095	707.5	23.33	24.0	1.17	-	-	0.05	0.157	0.183
	LTE Band12	10M	QPSK	25	0	-	Left Cheek	0mm	Ant0	DSI2	23095	707.5	22.37	23.0	1.16	-	-	0.09	0.072	0.083
	LTE Band12	10M	QPSK	1	0	-	Left Tilted	0mm	Ant0	DSI2	23095	707.5	23.33	24.0	1.17	-	-	-0.02	0.079	0.092
	LTE Band12	10M	QPSK	25	0	-	Left Tilted	0mm	Ant0	DSI2	23095	707.5	22.37	23.0	1.16	-	-	0.00	0.045	0.052
	LTE Band12	10M	QPSK	1	0	-	Right Cheek	0mm	Ant0	DSI2	23095	707.5	23.33	24.0	1.17	-	-	0.13	0.110	0.128
	LTE Band12	10M	QPSK	25	0	-	Right Cheek	0mm	Ant0	DSI2	23095	707.5	22.37	23.0	1.16	-	-	0.13	0.055	0.064
	LTE Band12	10M	QPSK	1	0	-	Right Tilted	0mm	Ant0	DSI2	23095	707.5	23.33	24.0	1.17	-	-	0.06	0.072	0.084
	LTE Band12	10M	QPSK	25	0	-	Right Tilted	0mm	Ant0	DSI2	23095	707.5	22.37	23.0	1.16	-	-	-0.02	0.040	0.046
Second supply	LTE Band12	10M	QPSK	1	0	-	Left Cheek	0mm	Ant0	DSI2	23095	707.5	23.33	24.0	1.00	-	-	0.02	0.078	0.078
	LTE Band12	10M	QPSK	1	0	-	Left Cheek	0mm	Ant4	DSI2	23095	707.5	21.97	23.0	1.27	-	-	0.04	0.233	0.295
	LTE Band12	10M	QPSK	25	0	-	Left Cheek	0mm	Ant4	DSI2	23095	707.5	20.94	22.0	1.28	-	-	-0.10	0.153	0.195
	LTE Band12	10M	QPSK	1	0	-	Left Tilted	0mm	Ant4	DSI2	23095	707.5	21.97	23.0	1.27	-	-	-0.15	0.109	0.138
	LTE Band12	10M	QPSK	25	0	-	Left Tilted	0mm	Ant4	DSI2	23095	707.5	20.94	22.0	1.28	-	-	-0.04	0.080	0.102
	LTE Band12	10M	QPSK	1	0	-	Right Cheek	0mm	Ant4	DSI2	23095	707.5	21.97	23.0	1.27	-	-	-0.10	0.660	0.837
	LTE Band12	10M	QPSK	25	0	-	Right Cheek	0mm	Ant4	DSI2	23095	707.5	20.94	22.0	1.28	-	-	-0.14	0.462	0.590
	LTE Band12	10M	QPSK	1	0	-	Right Tilted	0mm	Ant4	DSI2	23095	707.5	21.97	23.0	1.27	-	-	-0.08	0.224	0.284
	LTE Band12	10M	QPSK	25	0	-	Right Tilted	0mm	Ant4	DSI2	23095	707.5	20.94	22.0	1.28	-	-	0.13	0.228	0.291
	LTE Band12	10M	QPSK	1	0	-	Right Cheek	0mm	Ant4	DSI2	23060	704	21.87	23.0	1.30	-	-	0.01	0.620	0.804
01	LTE Band12	10M	QPSK	1	0	-	Right Cheek	0mm	Ant4	DSI2	23130	711	21.77	23.0	1.33	-	-	-0.01	0.739	0.981
	LTE Band12	10M	QPSK	50	0	-	Right Cheek	0mm	Ant4	DSI2	23130	711	21.77	22.0	1.05	-	-	0.03	0.413	0.435
Second supply	LTE Band12	10M	QPSK	1	0	-	Right Cheek	0mm	Ant4	DSI2	23130	711	21.77	23.0	1.33	-	-	-0.07	0.573	0.761
	LTE Band13	10M	QPSK	1	0	-	Left Cheek	0mm	Ant0	DSI2	23230	782	23.46	24.0	1.13	-	-	-0.11	0.093	0.105
	LTE Band13	10M	QPSK	25	0	-	Left Cheek	0mm	Ant0	DSI2	23230	782	22.40	23.0	1.15	-	-	-0.14	0.067	0.077
	LTE Band13	10M	QPSK	1	0	-	Left Tilted	0mm	Ant0	DSI2	23230	782	23.46	24.0	1.13	-	-	-0.08	0.091	0.103
	LTE Band13	10M	QPSK	25	0	-	Left Tilted	0mm	Ant0	DSI2	23230	782	22.40	23.0	1.15	-	-	0.13	0.040	0.046
	LTE Band13	10M	QPSK	1	0	-	Right Cheek	0mm	Ant0	DSI2	23230	782	23.46	24.0	1.13	-	-	0.01	0.091	0.103
	LTE Band13	10M	QPSK	25	0	-	Right Cheek	0mm	Ant0	DSI2	23230	782	22.40	23.0	1.15	-	-	0.04	0.048	0.055
	LTE Band13	10M	QPSK	1	0	-	Right Tilted	0mm	Ant0	DSI2	23230	782	23.46	24.0	1.13	-	-	0.00	0.076	0.086
	LTE Band13	10M	QPSK	25	0	-	Right Tilted	0mm	Ant0	DSI2	23230	782	22.40	23.0	1.15	-	-	0.05	0.037	0.042
Second supply	LTE Band13	10M	QPSK	1	0	-	Left Cheek	0mm	Ant0	DSI2	23230	782	23.46	24.0	1.13	-	-	-0.07	0.066	0.075
	LTE Band13	10M	QPSK	1	0	-	Left Cheek	0mm	Ant4	DSI2	23230	782	21.31	22.0	1.17	-	-	0.15	0.232	0.272
	LTE Band13	10M	QPSK	25	0	-	Left Cheek	0mm	Ant4	DSI2	23230	782	20.29	21.0	1.18	-	-	-0.06	0.155	0.183
	LTE Band13	10M	QPSK	1	0	-	Left Tilted	0mm	Ant4	DSI2	23230	782	21.31	22.0	1.17	-	-	0.10	0.224	0.263
	LTE Band13	10M	QPSK	25	0	-	Left Tilted	0mm	Ant4	DSI2	23230	782	20.29	21.0	1.18	-	-	-0.08	0.151	0.178
02	LTE Band13	10M	QPSK	1	0	-	Right Cheek	0mm	Ant4	DSI2	23230	782	21.31	22.0	1.17	-	-	0.01	0.652	0.764
	LTE Band13	10M	QPSK	25	0	-	Right Cheek	0mm	Ant4	DSI2	23230	782	20.29	21.0	1.18	-	-	0.01	0.449	0.529
	LTE Band13	10M	QPSK	1	0	-	Right Tilted	0mm	Ant4	DSI2	23230	782	21.31	22.0	1.17	-	-	0.05	0.611	0.716
	LTE Band13	10M	QPSK	25	0	-	Right Tilted	0mm	Ant4	DSI2	23230	782	20.29	21.0	1.18	-	-	0.01	0.376	0.443

Second supply	LTE Band13	10M	QPSK	1	0	-	Right Cheek	0mm	Ant4	DSI2	23230	782	21.31	22.0	1.17	-	-	0.01	0.650	0.762
835MHz																				
03	GSM850	-	-	-	-	GPRS(1TX slots)	Left Cheek	0mm	Ant0	DSI2	189	836.4	32.37	33.0	1.16	-	-	-0.02	0.115	0.133
	GSM850	-	-	-	-	GPRS(1TX slots)	Left Tilted	0mm	Ant0	DSI2	189	836.4	32.37	33.0	1.16	-	-	0.00	0.070	0.081
	GSM850	-	-	-	-	GPRS(1TX slots)	Right Cheek	0mm	Ant0	DSI2	189	836.4	32.37	33.0	1.16	-	-	-0.02	0.097	0.112
	GSM850	-	-	-	-	GPRS(1TX slots)	Right Tilted	0mm	Ant0	DSI2	189	836.4	32.37	33.0	1.16	-	-	-0.03	0.062	0.072
Second supply	GSM850	-	-	-	-	GPRS(1TX slots)	Left Cheek	0mm	Ant0	DSI2	189	836.4	32.37	33.0	1.16	-	-	0.00	0.041	0.047
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Cheek	0mm	Ant0	DSI2	4182	836.4	23.2	24.0	1.20	-	-	0.01	0.183	0.220
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Tilted	0mm	Ant0	DSI2	4182	836.4	23.2	24.0	1.20	-	-	0.01	0.180	0.216
04	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant0	DSI2	4182	836.4	23.2	24.0	1.20	-	-	-0.02	0.185	0.222
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Tilted	0mm	Ant0	DSI2	4182	836.4	23.2	24.0	1.20	-	-	-0.03	0.132	0.159
Second supply	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant0	DSI2	4182	836.4	23.2	24.0	1.20	-	-	0.06	0.153	0.184
	LTE Band26	15M	QPSK	1	0	-	Left Cheek	0mm	Ant0	DSI2	26865	831.5	23.27	24.0	1.18	-	-	0.05	0.145	0.172
	LTE Band26	15M	QPSK	36	0	-	Left Cheek	0mm	Ant0	DSI2	26865	831.5	22.27	23.0	1.18	-	-	0.13	0.055	0.065
	LTE Band26	15M	QPSK	1	0	-	Left Tilted	0mm	Ant0	DSI2	26865	831.5	23.27	24.0	1.18	-	-	-0.14	0.059	0.070
	LTE Band26	15M	QPSK	36	0	-	Left Tilted	0mm	Ant0	DSI2	26865	831.5	22.27	23.0	1.18	-	-	0.07	0.035	0.041
	LTE Band26	15M	QPSK	1	0	-	Right Cheek	0mm	Ant0	DSI2	26865	831.5	23.27	24.0	1.18	-	-	-0.03	0.147	0.174
	LTE Band26	15M	QPSK	36	0	-	Right Cheek	0mm	Ant0	DSI2	26865	831.5	22.27	23.0	1.18	-	-	-0.01	0.092	0.109
	LTE Band26	15M	QPSK	1	0	-	Right Tilted	0mm	Ant0	DSI2	26865	831.5	23.27	24.0	1.18	-	-	0.00	0.125	0.148
	LTE Band26	15M	QPSK	36	0	-	Right Tilted	0mm	Ant0	DSI2	26865	831.5	22.27	23.0	1.18	-	-	-0.12	0.044	0.052
Second supply	LTE Band26	15M	QPSK	1	0	-	Right Cheek	0mm	Ant0	DSI2	26865	831.5	23.27	24.0	1.18	-	-	0.11	0.077	0.091
	LTE Band26	15M	QPSK	1	0	-	Left Cheek	0mm	Ant4	DSI2	26865	831.5	20.87	21.5	1.16	-	-	-0.03	0.353	0.408
	LTE Band26	15M	QPSK	36	0	-	Left Cheek	0mm	Ant4	DSI2	26865	831.5	20.66	21.0	1.08	-	-	-0.08	0.281	0.304
	LTE Band26	15M	QPSK	1	0	-	Left Tilted	0mm	Ant4	DSI2	26865	831.5	20.87	21.5	1.16	-	-	-0.03	0.308	0.356
	LTE Band26	15M	QPSK	36	0	-	Left Tilted	0mm	Ant4	DSI2	26865	831.5	20.66	21.0	1.08	-	-	-0.01	0.230	0.249
05	LTE Band26	15M	QPSK	1	0	-	Right Cheek	0mm	Ant4	DSI2	26865	831.5	20.87	21.5	1.16	-	-	-0.03	0.645	0.746
	LTE Band26	15M	QPSK	36	0	-	Right Cheek	0mm	Ant4	DSI2	26865	831.5	20.66	21.0	1.08	-	-	-0.11	0.480	0.519
	LTE Band26	15M	QPSK	1	0	-	Right Tilted	0mm	Ant4	DSI2	26865	831.5	20.87	21.5	1.16	-	-	0.00	0.613	0.709
	LTE Band26	15M	QPSK	36	0	-	Right Tilted	0mm	Ant4	DSI2	26865	831.5	20.66	21.0	1.08	-	-	-0.14	0.299	0.323
Second supply	LTE Band26	15M	QPSK	1	0	-	Right Cheek	0mm	Ant4	DSI2	26865	831.5	20.87	21.5	1.16	-	-	-0.14	0.626	0.724
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant0	DSI2	166300	831.5	22.60	23.0	1.10	-	-	-0.05	0.125	0.137
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Left Cheek	0mm	Ant0	DSI2	166300	831.5	22.55	23.0	1.11	-	-	-0.08	0.130	0.144
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant0	DSI2	166300	831.5	22.60	23.0	1.10	-	-	-0.03	0.030	0.033
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Left Tilted	0mm	Ant0	DSI2	166300	831.5	22.55	23.0	1.11	-	-	-0.15	0.034	0.038
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant0	DSI2	166300	831.5	22.60	23.0	1.10	-	-	-0.02	0.076	0.083
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Right Cheek	0mm	Ant0	DSI2	166300	831.5	22.55	23.0	1.11	-	-	-0.05	0.087	0.096
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant0	DSI2	166300	831.5	22.60	23.0	1.10	-	-	0.00	0.038	0.042
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Right Tilted	0mm	Ant0	DSI2	166300	831.5	22.55	23.0	1.11	-	-	-0.03	0.039	0.043
Second supply	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Left Cheek	0mm	Ant0	DSI2	166300	831.5	22.55	23.0	1.11	-	-	0.00	0.199	0.221
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant4	DSI2	166300	831.5	21.33	22.5	1.31	-	-	0.04	0.223	0.292
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Left Cheek	0mm	Ant4	DSI2	166300	831.5	21.21	22.0	1.20	-	-	-0.10	0.290	0.348
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant4	DSI2	166300	831.5	21.33	22.5	1.31	-	-	-0.03	0.141	0.185

	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Tilted	0mm	Ant1	DSI2	9400	1880	23.20	24.0	1.20	-	-	0.02	0.107	0.129
12	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant1	DSI2	9400	1880	23.20	24.0	1.20	-	-	0.03	0.327	0.393
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Tilted	0mm	Ant1	DSI2	9400	1880	23.20	24.0	1.20	-	-	0.00	0.170	0.204
Second supply	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant1	DSI2	9400	1880	23.20	24.0	1.20	-	-	0.08	0.245	0.295
	LTE Band25	20M	QPSK	1	0	-	Left Cheek	0mm	Ant1	DSI2	26340	1880	23.03	23.5	1.11	-	-	-0.02	0.122	0.136
	LTE Band25	20M	QPSK	50	0	-	Left Cheek	0mm	Ant1	DSI2	26340	1880	21.89	22.5	1.15	-	-	-0.13	0.092	0.106
	LTE Band25	20M	QPSK	1	0	-	Left Tilted	0mm	Ant1	DSI2	26340	1880	23.03	23.5	1.11	-	-	0.12	0.062	0.069
	LTE Band25	20M	QPSK	50	0	-	Left Tilted	0mm	Ant1	DSI2	26340	1880	21.89	22.5	1.15	-	-	0.00	0.049	0.056
	LTE Band25	20M	QPSK	1	0	-	Right Cheek	0mm	Ant1	DSI2	26340	1880	23.03	23.5	1.11	-	-	0.00	0.252	0.281
	LTE Band25	20M	QPSK	50	0	-	Right Cheek	0mm	Ant1	DSI2	26340	1880	21.89	22.5	1.15	-	-	-0.05	0.138	0.159
	LTE Band25	20M	QPSK	1	0	-	Right Tilted	0mm	Ant1	DSI2	26340	1880	23.03	23.5	1.11	-	-	0.06	0.114	0.127
	LTE Band25	20M	QPSK	50	0	-	Right Tilted	0mm	Ant1	DSI2	26340	1880	21.89	22.5	1.15	-	-	0.09	0.068	0.078
Second supply	LTE Band25	20M	QPSK	1	0	-	Right Cheek	0mm	Ant1	DSI2	26340	1880	23.03	23.5	1.11	-	-	0.00	0.221	0.246
	LTE Band25	20M	QPSK	1	0	-	Left Cheek	0mm	Ant4	DSI2	26340	1880	18.45	19	1.14	-	-	-0.11	0.504	0.572
	LTE Band25	20M	QPSK	50	0	-	Left Cheek	0mm	Ant4	DSI2	26340	1880	17.66	18.5	1.21	-	-	-0.11	0.534	0.648
	LTE Band25	20M	QPSK	1	0	-	Left Tilted	0mm	Ant4	DSI2	26340	1880	18.45	19	1.14	-	-	-0.04	0.547	0.621
	LTE Band25	20M	QPSK	50	0	-	Left Tilted	0mm	Ant4	DSI2	26340	1880	17.66	18.5	1.21	-	-	-0.08	0.306	0.371
13	LTE Band25	20M	QPSK	1	0	-	Right Cheek	0mm	Ant4	DSI2	26340	1880	18.45	19	1.14	-	-	0.01	0.641	0.728
	LTE Band25	20M	QPSK	50	0	-	Right Cheek	0mm	Ant4	DSI2	26340	1880	17.66	18.5	1.21	-	-	0.05	0.463	0.562
	LTE Band25	20M	QPSK	1	0	-	Right Tilted	0mm	Ant4	DSI2	26340	1880	18.45	19	1.14	-	-	-0.04	0.517	0.587
	LTE Band25	20M	QPSK	50	0	-	Right Tilted	0mm	Ant4	DSI2	26340	1880	17.66	18.5	1.21	-	-	0.03	0.349	0.423
	LTE Band25	20M	QPSK	1	0	-	Right Cheek	0mm	Ant4	DSI2	26140	1860	17.83	19	1.31	-	-	0.10	0.403	0.528
	LTE Band25	20M	QPSK	1	0	-	Right Cheek	0mm	Ant4	DSI2	26590	1905	17.63	19	1.37	-	-	-0.15	0.510	0.699
	LTE Band25	20M	QPSK	100	0	-	Right Cheek	0mm	Ant4	DSI2	26340	1880	17.53	18.5	1.25	-	-	-0.10	0.451	0.564
Second supply	LTE Band25	20M	QPSK	1	0	-	Right Cheek	0mm	Ant4	DSI2	26340	1880	18.45	19	1.14	-	-	-0.08	0.345	0.392
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant1	DSI2	376000	1880	23.16	24.0	1.21	-	-	-0.07	0.160	0.194
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Left Cheek	0mm	Ant1	DSI2	376000	1880	22.98	24.0	1.26	-	-	-0.02	0.153	0.194
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant1	DSI2	376000	1880	23.16	24.0	1.21	-	-	-0.01	0.096	0.116
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Left Tilted	0mm	Ant1	DSI2	376000	1880	22.98	24.0	1.26	-	-	-0.12	0.099	0.125
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant1	DSI2	376000	1880	23.16	24.0	1.21	-	-	-0.02	0.208	0.252
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Right Cheek	0mm	Ant1	DSI2	376000	1880	22.98	24.0	1.26	-	-	0.03	0.195	0.247
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant1	DSI2	376000	1880	23.16	24.0	1.21	-	-	-0.12	0.141	0.171
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Right Tilted	0mm	Ant1	DSI2	376000	1880	22.98	24.0	1.26	-	-	0.11	0.135	0.171
	FR1 n2 Other PA	20M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant1	DSI2	376000	1880	22.75	23.0	1.06	-	-	-0.12	0.143	0.151
Second supply	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant1	DSI2	376000	1880	23.16	24.0	1.21	-	-	-0.01	0.189	0.229
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant4	DSI2	376000	1880	18.79	19.5	1.18	-	-	-0.12	0.164	0.193
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Left Cheek	0mm	Ant4	DSI2	376000	1880	18.63	19.0	1.09	-	-	0.01	0.195	0.212
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant4	DSI2	376000	1880	18.79	19.5	1.18	-	-	-0.11	0.255	0.300
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Left Tilted	0mm	Ant4	DSI2	376000	1880	18.63	19.0	1.09	-	-	0.09	0.274	0.298
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant4	DSI2	376000	1880	18.79	19.5	1.18	-	-	0.00	0.323	0.380
14	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Right Cheek	0mm	Ant4	DSI2	376000	1880	18.63	19.0	1.09	-	-	0.04	0.683	0.744
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant4	DSI2	376000	1880	18.79	19.5	1.18	-	-	-0.06	0.280	0.330
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Right Tilted	0mm	Ant4	DSI2	376000	1880	18.63	19.0	1.09	-	-	-0.05	0.296	0.322

	FR1 n2 Other PA	20M	QPSK	50	28	DFT-SCS-15KHz	Right Cheek	0mm	Ant4	DSI2	376000	1880	18.58	19.0	1.10	-	-	-0.13	0.548	0.604
	FR1 n2 Other PA	20M	QPSK	50	28	DFT-SCS-15KHz	Right Cheek	0mm	Ant4	DSI2	376000	1880	17.56	18.5	1.24	-	-	-0.09	0.577	0.716
Second supply	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Right Cheek	0mm	Ant4	DSI2	376000	1880	18.63	19.0	1.09	-	-	-0.02	0.361	0.393
2600MHz																				
	LTE Band7	20M	QPSK	1	0	-	Left Cheek	0mm	Ant1	DSI2	21100	2535	23.28	24.0	1.18	-	-	0.10	0.085	0.100
	LTE Band7	20M	QPSK	50	0	-	Left Cheek	0mm	Ant1	DSI2	21100	2535	22.11	23.0	1.23	-	-	0.03	0.065	0.080
	LTE Band7	20M	QPSK	1	0	-	Left Tilted	0mm	Ant1	DSI2	21100	2535	23.28	24.0	1.18	-	-	0.06	0.083	0.098
	LTE Band7	20M	QPSK	50	0	-	Left Tilted	0mm	Ant1	DSI2	21100	2535	22.11	23.0	1.23	-	-	0.15	0.079	0.097
	LTE Band7	20M	QPSK	1	0	-	Right Cheek	0mm	Ant1	DSI2	21100	2535	23.28	24.0	1.18	-	-	0.02	0.218	0.257
	LTE Band7	20M	QPSK	50	0	-	Right Cheek	0mm	Ant1	DSI2	21100	2535	22.11	23.0	1.23	-	-	0.02	0.125	0.153
	LTE Band7	20M	QPSK	1	0	-	Right Tilted	0mm	Ant1	DSI2	21100	2535	23.28	24.0	1.18	-	-	-0.15	0.066	0.078
	LTE Band7	20M	QPSK	50	0	-	Right Tilted	0mm	Ant1	DSI2	21100	2535	22.11	23.0	1.23	-	-	-0.14	0.063	0.077
	LTE Band7C 1@99 1@0	20M	QPSK	1	99	-	Right Cheek	0mm	Ant1	DSI2	21100+ 21298	2535+ 2554.8	22.38	23.0	1.15	-	-	-0.07	0.217	0.250
Second supply	LTE Band7	20M	QPSK	1	0	-	Right Cheek	0mm	Ant1	DSI2	21100	2535	23.28	24.0	1.18	-	-	-0.05	0.208	0.246
	LTE Band7	20M	QPSK	1	0	-	Left Cheek	0mm	Ant4	DSI2	21100	2535	17.85	18.0	1.04	-	-	-0.13	0.638	0.660
	LTE Band7	20M	QPSK	50	0	-	Left Cheek	0mm	Ant4	DSI2	21100	2535	17.69	18.0	1.07	-	-	0.04	0.615	0.661
	LTE Band7	20M	QPSK	1	0	-	Left Tilted	0mm	Ant4	DSI2	21100	2535	17.85	18.0	1.04	-	-	-0.03	0.678	0.702
15	LTE Band7	20M	QPSK	50	0	-	Left Tilted	0mm	Ant4	DSI2	21100	2535	17.69	18.0	1.07	-	-	-0.05	0.711	0.764
	LTE Band7	20M	QPSK	1	0	-	Right Cheek	0mm	Ant4	DSI2	21100	2535	17.85	18.0	1.04	-	-	-0.14	0.546	0.565
	LTE Band7	20M	QPSK	50	0	-	Right Cheek	0mm	Ant4	DSI2	21100	2535	17.69	18.0	1.07	-	-	0.11	0.540	0.580
	LTE Band7	20M	QPSK	1	0	-	Right Tilted	0mm	Ant4	DSI2	21100	2535	17.85	18.0	1.04	-	-	0.03	0.556	0.576
	LTE Band7	20M	QPSK	50	0	-	Right Tilted	0mm	Ant4	DSI2	21100	2535	17.69	18.0	1.07	-	-	0.09	0.621	0.667
	LTE Band7	20M	QPSK	50	0	-	Left Tilted	0mm	Ant4	DSI2	20850	2510	17.82	18.0	1.04	-	-	0.11	0.311	0.324
	LTE Band7	20M	QPSK	50	0	-	Left Tilted	0mm	Ant4	DSI2	21350	2560	17.78	18.0	1.05	-	-	0.04	0.360	0.379
	LTE Band7	20M	QPSK	100	0	-	Left Tilted	0mm	Ant4	DSI2	21100	2535	17.20	18.0	1.20	-	-	-0.05	0.634	0.762
Second supply	LTE Band7	20M	QPSK	50	0	-	Left Tilted	0mm	Ant4	DSI2	21100	2535	17.69	18.0	1.07	-	-	0.09	0.680	0.730
	LTE Band41	20M	QPSK	1	0	-	Left Cheek	0mm	Ant1	DSI2	40620	2593	23.19	24.0	1.21	62.9%	1.006	0.00	0.031	0.039
	LTE Band41	20M	QPSK	50	0	-	Left Cheek	0mm	Ant1	DSI2	40620	2593	21.93	23.0	1.28	62.9%	1.006	0.13	0.036	0.046
	LTE Band41	20M	QPSK	1	0	-	Left Tilted	0mm	Ant1	DSI2	40620	2593	23.19	24.0	1.21	62.9%	1.006	0.06	0.047	0.057
	LTE Band41	20M	QPSK	50	0	-	Left Tilted	0mm	Ant1	DSI2	40620	2593	21.93	23.0	1.28	62.9%	1.006	0.01	0.026	0.033
	LTE Band41	20M	QPSK	1	0	-	Right Cheek	0mm	Ant1	DSI2	40620	2593	23.19	24.0	1.21	62.9%	1.006	-0.02	0.099	0.120
	LTE Band41	20M	QPSK	50	0	-	Right Cheek	0mm	Ant1	DSI2	40620	2593	21.93	23.0	1.28	62.9%	1.006	-0.04	0.056	0.072
	LTE Band41	20M	QPSK	1	0	-	Right Tilted	0mm	Ant1	DSI2	40620	2593	23.19	24.0	1.21	62.9%	1.006	-0.07	0.043	0.052
	LTE Band41	20M	QPSK	50	0	-	Right Tilted	0mm	Ant1	DSI2	40620	2593	21.93	23.0	1.28	62.9%	1.006	0.00	0.026	0.033
Second supply	LTE Band41	20M	QPSK	1	0	-	Right Cheek	0mm	Ant1	DSI2	40620	2593	23.19	24.0	1.21	62.9%	1.006	0.00	0.076	0.092
	LTE Band41C 1@99 1@0	20M	QPSK	1	99	-	Right Cheek	0mm	Ant1	DSI2	41055+ 41253	2636.50+ 2656.30	22.74	23.0	1.06	62.9%	1.006	-0.16	0.104	0.111
	LTE Band41	20M	QPSK	1	0	-	Left Cheek	0mm	Ant4	DSI2	40620	2593	16.97	17.5	1.13	62.9%	1.006	0.15	0.534	0.607
	LTE Band41	20M	QPSK	50	0	-	Left Cheek	0mm	Ant4	DSI2	40620	2593	16.67	17.5	1.21	62.9%	1.006	0.13	0.542	0.660
	LTE Band41	20M	QPSK	1	0	-	Left Tilted	0mm	Ant4	DSI2	40620	2593	16.97	17.5	1.13	62.9%	1.006	-0.02	0.541	0.615
16	LTE Band41	20M	QPSK	50	0	-	Left Tilted	0mm	Ant4	DSI2	40620	2593	16.67	17.5	1.21	62.9%	1.006	0.00	0.575	0.700
	LTE Band41	20M	QPSK	1	0	-	Right Cheek	0mm	Ant4	DSI2	40620	2593	16.97	17.5	1.13	62.9%	1.006	0.00	0.526	0.598
	LTE Band41	20M	QPSK	50	0	-	Right Cheek	0mm	Ant4	DSI2	40620	2593	16.67	17.5	1.21	62.9%	1.006	-0.01	0.470	0.572
	LTE Band41	20M	QPSK	1	0	-	Right Tilted	0mm	Ant4	DSI2	40620	2593	16.97	17.5	1.13	62.9%	1.006	0.05	0.608	0.691

	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	ANT2	DSI2	633332	3499.98	16.63	17.5	1.22	-	-	-0.13	0.215	0.263
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	ANT2	DSI2	633332	3499.98	16.87	17.5	1.16	-	-	-0.14	0.184	0.213
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	ANT2	DSI2	633332	3499.98	16.63	17.5	1.22	-	-	-0.09	0.143	0.175
20	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	ANT2	DSI2	633332	3499.98	16.87	17.5	1.16	-	-	-0.07	0.732	0.846
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	ANT2	DSI2	633332	3499.98	16.63	17.5	1.22	-	-	0.04	0.614	0.773
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	ANT2	DSI2	633332	3499.98	16.87	17.5	1.16	-	-	0.10	0.308	0.388
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	ANT2	DSI2	633332	3499.98	16.63	17.5	1.22	-	-	-0.07	0.322	0.405
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	ANT2	DSI2	633332	3499.98	16.70	17.5	1.20	-	-	0.05	0.575	0.724
Second supply	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	ANT2	DSI2	633332	3499.98	16.87	17.5	1.16	-	-	-0.14	0.543	0.628
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	ANT5	DSI2	633332	3499.98	15.85	16.5	1.16	-	-	-0.06	0.325	0.377
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	ANT5	DSI2	633332	3499.98	15.73	16.0	1.06	-	-	-0.08	0.324	0.345
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	ANT5	DSI2	633332	3499.98	15.85	16.5	1.16	-	-	0.03	0.286	0.332
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	ANT5	DSI2	633332	3499.98	15.73	16.0	1.06	-	-	-0.02	0.410	0.436
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	ANT5	DSI2	633332	3499.98	15.85	16.5	1.16	-	-	-0.07	0.223	0.259
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	ANT5	DSI2	633332	3499.98	15.73	16.0	1.06	-	-	0.07	0.266	0.283
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	ANT5	DSI2	633332	3499.98	15.85	16.5	1.16	-	-	0.12	0.138	0.160
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	ANT5	DSI2	633332	3499.98	15.73	16.0	1.06	-	-	0.04	0.236	0.251
Second supply	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	ANT5	DSI2	633332	3499.98	15.73	16.0	1.06	-	-	0.12	0.291	0.310
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	ANT11	DSI2	633332	3499.98	22.20	23.0	1.20	-	-	0.06	0.077	0.097
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	ANT11	DSI2	633332	3499.98	21.62	22.0	1.09	-	-	0.01	0.061	0.067
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	ANT11	DSI2	633332	3499.98	22.20	23.0	1.20	-	-	0.05	0.091	0.109
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	ANT11	DSI2	633332	3499.98	21.62	22.0	1.09	-	-	0.02	0.076	0.083
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	ANT11	DSI2	633332	3499.98	22.20	23.0	1.20	-	-	0.01	0.115	0.138
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	ANT11	DSI2	633332	3499.98	21.62	22.0	1.09	-	-	0.05	0.071	0.077
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	ANT11	DSI2	633332	3499.98	22.20	23.0	1.20	-	-	-0.10	0.044	0.053
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	ANT11	DSI2	633332	3499.98	21.62	22.0	1.09	-	-	0.14	0.036	0.039
Second supply	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	ANT11	DSI2	633332	3499.98	22.20	23.0	1.20	-	-	0.05	0.105	0.126
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	ANT7	DSI2	633332	3499.98	16.42	17.0	1.14	-	-	-0.15	0.113	0.129
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	ANT7	DSI2	633332	3499.98	16.14	17.0	1.22	-	-	0.00	0.116	0.141
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	ANT7	DSI2	633332	3499.98	16.42	17.0	1.14	-	-	0.07	0.102	0.117
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	ANT7	DSI2	633332	3499.98	16.14	17.0	1.22	-	-	0.04	0.076	0.093
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	ANT7	DSI2	633332	3499.98	16.42	17.0	1.14	-	-	0.02	0.242	0.277
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	ANT7	DSI2	633332	3499.98	16.14	17.0	1.22	-	-	0.00	0.266	0.324
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	ANT7	DSI2	633332	3499.98	16.42	17.0	1.14	-	-	-0.15	0.054	0.062
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	ANT7	DSI2	633332	3499.98	16.14	17.0	1.22	-	-	0.00	0.046	0.056
Second supply	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	ANT7	DSI2	633332	3499.98	16.14	17.0	1.22	-	-	0.09	0.037	0.045
	2450MHz																			
21	Bluetooth	-	-	-	-		Left Cheek	0mm	ANT6	Full power	39	2441	12.88	13.5	1.15	76.54%	1.088	0.03	0.212	0.266
	Bluetooth	-	-	-	-		Left Tilted	0mm	ANT6	Full power	39	2441	12.88	13.5	1.15	76.54%	1.088	-0.15	0.133	0.167
	Bluetooth	-	-	-	-		Right Cheek	0mm	ANT6	Full power	39	2441	12.88	13.5	1.15	76.54%	1.088	0.10	0.084	0.105
	Bluetooth	-	-	-	-		Right Tilted	0mm	ANT6	Full power	39	2441	12.88	13.5	1.15	76.54%	1.088	-0.01	0.082	0.103
Second supply	Bluetooth	-	-	-	-		Left Cheek	0mm	ANT6	Full power	39	2441	12.88	13.5	1.15	76.54%	1.088	-0.15	0.133	0.167
22	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Cheek	0mm	ANT6+8	Standalone	6	2437	22.24	23.0	1.19	100%	1	-0.04	1.020	1.215

	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Tilted	0mm	ANT6+8	Standalone	6	2437	22.24	23.0	1.19	100%	1	0.10	0.598	0.712
	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Right Cheek	0mm	ANT6+8	Standalone	6	2437	22.24	23.0	1.19	100%	1	0.13	0.389	0.463
	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Right Tilted	0mm	ANT6+8	Standalone	6	2437	22.24	23.0	1.19	100%	1	-0.15	0.403	0.480
	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Cheek	0mm	ANT6+8	Standalone	1	2412	20.20	21.0	1.20	100%	1	-0.12	0.536	0.644
	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Cheek	0mm	ANT6+8	Standalone	11	2462	21.65	22.0	1.08	100%	1	0.10	0.828	0.897
	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Cheek	0mm	ANT6+8	simultaneous	6	2437	18.26	18.5	1.06	100%	1	-0.01	0.460	0.486
	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Tilted	0mm	ANT6+8	simultaneous	6	2437	18.26	18.5	1.06	100%	1	-0.11	0.384	0.406
	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Right Cheek	0mm	ANT6+8	simultaneous	6	2437	18.26	18.5	1.06	100%	1	-0.10	0.208	0.220
	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Right Tilted	0mm	ANT6+8	simultaneous	6	2437	18.26	18.5	1.06	100%	1	-0.07	0.247	0.261
Second supply	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Cheek	0mm	ANT6+8	Standalone	6	2437	22.24	23.0	1.19	100%	1	-0.14	0.858	1.022
5250MHz																				
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Left Cheek	0mm	ANT5+8	Standalone	60	5300	20.11	21.0	1.23	100%	1	-0.05	0.642	0.788
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Left Tilted	0mm	ANT5+8	Standalone	60	5300	20.11	21.0	1.23	100%	1	-0.04	0.702	0.862
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Right Cheek	0mm	ANT5+8	Standalone	60	5300	20.11	21.0	1.23	100%	1	0.01	0.628	0.771
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Right Tilted	0mm	ANT5+8	Standalone	60	5300	20.11	21.0	1.23	100%	1	0.12	0.662	0.813
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Left Tilted	0mm	ANT5+8	Standalone	52	5260	19.64	20.5	1.22	100%	1	0.01	0.857	1.045
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Left Tilted	0mm	ANT5+8	Standalone	56	5280	20.03	21.0	1.25	100%	1	0.00	0.702	0.878
23	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Left Tilted	0mm	ANT5+8	Standalone	64	5320	20.00	21.0	1.26	100%	1	-0.03	0.866	1.090
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Left Cheek	0mm	ANT5+8	simultaneous	64	5320	16.93	17.5	1.14	100%	1	0.02	0.310	0.353
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Left Tilted	0mm	ANT5+8	simultaneous	64	5320	16.93	17.5	1.14	100%	1	-0.06	0.439	0.501
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Right Cheek	0mm	ANT5+8	simultaneous	64	5320	16.93	17.5	1.14	100%	1	0.14	0.407	0.464
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Right Tilted	0mm	ANT5+8	simultaneous	64	5320	16.93	17.5	1.14	100%	1	0.00	0.385	0.439
Second supply	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Left Tilted	0mm	ANT5+8	Standalone	64	5320	20.00	21.0	1.26	100%	1	-0.02	0.725	0.913
5600MHz																				
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Left Cheek	0mm	ANT5+8	Standalone	100	5500	16.30	17.0	1.17	100%	1	-0.14	0.439	0.516
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Left Tilted	0mm	ANT5+8	Standalone	100	5500	16.30	17.0	1.17	100%	1	0.15	0.548	0.644
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Right Cheek	0mm	ANT5+8	Standalone	100	5500	16.30	17.0	1.17	100%	1	-0.12	0.453	0.532
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Right Tilted	0mm	ANT5+8	Standalone	100	5500	16.30	17.0	1.17	100%	1	0.10	0.547	0.643
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Left Tilted	0mm	ANT5+8	Standalone	116	5580	15.69	16.5	1.21	100%	1	0.04	0.663	0.799
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Left Tilted	0mm	ANT5+8	Standalone	124	5620	15.62	16.5	1.22	100%	1	0.01	0.627	0.768
24	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Left Tilted	0mm	ANT5+8	Standalone	132	5660	15.43	16.5	1.28	100%	1	-0.04	0.842	1.077
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Left Tilted	0mm	ANT5+8	Standalone	140	5700	15.43	16.5	1.28	100%	1	0.05	0.826	1.057
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Left Tilted	0mm	ANT5+8	Standalone	144	5720	15.82	16.5	1.17	100%	1	0.11	0.723	0.846
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Left Tilted	0mm	ANT5+8	simultaneous	132	5660	14.30	15.0	1.17	100%	1	-0.07	0.466	0.548
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Left Cheek	0mm	ANT5+8	simultaneous	132	5660	14.30	15.0	1.17	100%	1	-0.04	0.423	0.497
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Right Cheek	0mm	ANT5+8	simultaneous	132	5660	14.30	15.0	1.17	100%	1	-0.05	0.393	0.462
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Right Tilted	0mm	ANT5+8	simultaneous	132	5660	14.30	15.0	1.17	100%	1	0.00	0.451	0.530
Second supply	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Left Tilted	0mm	ANT5+8	Standalone	132	5660	15.43	16.5	1.28	100%	1	-0.10	0.836	1.070
5750MHz																				
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Left Cheek	0mm	ANT5+8	Standalone	157	5785	18.06	19.0	1.24	100%	1	-0.08	0.628	0.780
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Left Tilted	0mm	ANT5+8	Standalone	157	5785	18.06	19.0	1.24	100%	1	-0.03	0.763	0.947
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Right Cheek	0mm	ANT5+8	Standalone	157	5785	18.06	19.0	1.24	100%	1	0.06	0.591	0.734
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Right Tilted	0mm	ANT5+8	Standalone	157	5785	18.06	19.0	1.24	100%	1	-0.15	0.654	0.812
25	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Left Tilted	0mm	ANT5+8	Standalone	149	5745	17.66	18.5	1.21	100%	1	-0.08	0.938	1.138
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Left Tilted	0mm	ANT5+8	Standalone	165	5825	17.34	18.5	1.31	100%	1	0.00	0.467	0.610
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Left Cheek	0mm	ANT5+8	simultaneous	149	5745	13.06	13.5	1.11	100%	1	-0.13	0.382	0.423
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Left Tilted	0mm	ANT5+8	simultaneous	149	5745	13.06	13.5	1.11	100%	1	0.08	0.513	0.568

	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Right Cheek	0mm	ANT5+8	simultaneous	149	5745	13.06	13.5	1.11	100%	1	-0.01	0.356	0.394
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Right Tilted	0mm	ANT5+8	simultaneous	149	5745	13.06	13.5	1.11	100%	1	0.00	0.430	0.476
Second supply	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Left Tilted	0mm	ANT5+8	Standalone	149	5745	17.66	18.5	1.21	100%	1	-0.13	0.903	1.096

Body-Worn SAR

Plot No.	Band	BW.	Modulation	RB Size	RB offset	Mode	Test Position	Gap(mm)	Antenna	Headset	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	Scaled Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift(dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
Body-Worn SAR Data																					
750MHz																					
	LTE Band12	10M	QPSK	1	0	-	Front	5mm	Ant0	-	DSI3	23095	707.5	23.33	24.0	1.17	-	-	-0.01	0.456	0.532
	LTE Band12	10M	QPSK	25	0	-	Front	5mm	Ant0	-	DSI3	23095	707.5	22.37	23.0	1.16	-	-	0.02	0.242	0.280
	LTE Band12	10M	QPSK	1	0	-	Back	5mm	Ant0	-	DSI3	23095	707.5	23.33	24.0	1.17	-	-	0.00	0.659	0.769
	LTE Band12	10M	QPSK	25	0	-	Back	5mm	Ant0	-	DSI3	23095	707.5	22.37	23.0	1.16	-	-	-0.01	0.510	0.590
Second supply	LTE Band12	10M	QPSK	1	0	-	Back	5mm	Ant0	-	DSI3	23095	707.5	23.33	24.0	1.17	-	-	0.01	0.548	0.639
	LTE Band12	10M	QPSK	1	0	-	Front	5mm	Ant4	-	DSI3	23095	707.5	21.97	23.0	1.27	-	-	-0.01	0.255	0.323
	LTE Band12	10M	QPSK	25	0	-	Front	5mm	Ant4	-	DSI3	23095	707.5	20.94	22.0	1.28	-	-	0.09	0.141	0.180
26	LTE Band12	10M	QPSK	1	0	-	Back	5mm	Ant4	-	DSI3	23095	707.5	21.97	23.0	1.27	-	-	-0.05	0.614	0.778
	LTE Band12	10M	QPSK	25	0	-	Back	5mm	Ant4	-	DSI3	23095	707.5	20.94	22.0	1.28	-	-	0.01	0.183	0.234
Second supply	LTE Band12	10M	QPSK	1	0	-	Back	5mm	Ant4	-	DSI3	23095	707.5	21.97	23.0	1.27	-	-	-0.03	0.488	0.619
	LTE Band13	10M	QPSK	1	0	-	Front	5mm	Ant0	-	DSI3	23230	782	23.46	24.0	1.13	-	-	-0.02	0.359	0.407
	LTE Band13	10M	QPSK	25	0	-	Front	5mm	Ant0	-	DSI3	23230	782	22.40	23.0	1.15	-	-	-0.03	0.200	0.230
27	LTE Band13	10M	QPSK	1	0	-	Back	5mm	Ant0	-	DSI3	23230	782	23.46	24.0	1.13	-	-	0.00	0.580	0.657
	LTE Band13	10M	QPSK	25	0	-	Back	5mm	Ant0	-	DSI3	23230	782	22.40	23.0	1.15	-	-	-0.01	0.384	0.441
Second supply	LTE Band13	10M	QPSK	1	0	-	Back	5mm	Ant0	-	DSI3	23230	782	23.46	24.0	1.13	-	-	0.11	0.498	0.564
	LTE Band13	10M	QPSK	1	0	-	Front	5mm	Ant4	-	DSI3	23230	782	21.31	22.0	1.17	-	-	-0.03	0.289	0.339
	LTE Band13	10M	QPSK	25	0	-	Front	5mm	Ant4	-	DSI3	23230	782	20.29	21.0	1.18	-	-	0.00	0.151	0.178
	LTE Band13	10M	QPSK	1	0	-	Back	5mm	Ant4	-	DSI3	23230	782	21.31	22.0	1.17	-	-	0.01	0.417	0.489
	LTE Band13	10M	QPSK	25	0	-	Back	5mm	Ant4	-	DSI3	23230	782	20.29	21.0	1.18	-	-	-0.08	0.166	0.195
Second supply	LTE Band13	10M	QPSK	1	0	-	Back	5mm	Ant4	-	DSI3	23230	782	21.31	22.0	1.17	-	-	0.00	0.358	0.420
835MHz																					
	GSM850	-	-	-	-	GPRS(1TX slots)	Front	5mm	Ant0	-	DSI3	189	836.4	32.37	33.0	1.16	-	-	0.00	0.341	0.394
28	GSM850	-	-	-	-	GPRS(1TX slots)	Back	5mm	Ant0	-	DSI3	189	836.4	32.37	33.0	1.16	-	-	-0.02	0.800	0.925
Second supply	GSM850	-	-	-	-	GPRS(1TX slots)	Back	5mm	Ant0	-	DSI3	189	836.4	32.37	33.0	1.16	-	-	0.04	0.629	0.727
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant0	-	DSI3	4182	836.4	23.20	24.0	1.20	-	-	0.00	0.536	0.644
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant0	-	DSI3	4182	836.4	23.20	24.0	1.20	-	-	-0.03	0.937	1.127
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant0	-	DSI3	4132	826.4	23.14	24.0	1.22	-	-	-0.02	0.911	1.110
29	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant0	-	DSI3	4233	846.6	23.10	24.0	1.23	-	-	-0.07	0.929	1.143
Second supply	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant0	-	DSI3	4233	846.6	23.10	24.0	1.23	-	-	0.00	0.774	0.952
	LTE Band26	15M	QPSK	1	0	-	Front	5mm	Ant0	-	DSI3	26865	831.5	23.27	24.0	1.18	-	-	0.01	0.457	0.541
	LTE Band26	15M	QPSK	36	0	-	Front	5mm	Ant0	-	DSI3	26865	831.5	22.27	23.0	1.18	-	-	-0.07	0.273	0.323
	LTE Band26	15M	QPSK	1	0	-	Back	5mm	Ant0	-	DSI3	26865	831.5	23.27	24.0	1.18	-	-	-0.01	0.807	0.955
	LTE Band26	15M	QPSK	36	0	-	Back	5mm	Ant0	-	DSI3	26865	831.5	22.27	23.0	1.18	-	-	0.01	0.513	0.607
	LTE Band26	15M	QPSK	1	0	-	Back	5mm	Ant0	-	DSI3	26765	821.5	23.21	24.0	1.20	-	-	-0.03	0.826	0.991
30	LTE Band26	15M	QPSK	1	0	-	Back	5mm	Ant0	-	DSI3	26965	841.5	23.09	24.0	1.23	-	-	-0.08	0.894	1.102
	LTE Band26	15M	QPSK	75	0	-	Back	5mm	Ant0	-	DSI3	26965	841.5	22.30	23.0	1.17	-	-	0.12	0.367	0.431
Second supply	LTE Band26	15M	QPSK	1	0	-	Back	5mm	Ant0	-	DSI3	26965	841.5	23.27	24.0	1.18	-	-	0.04	0.699	0.827

	GSM1900	-	-	-	-	GPRS(2TX slots)	Back	5mm	Ant1	-	DSI3	512	1850.2	26.91	28.0	1.29	-	-	0.07	0.386	0.496
	GSM1900	-	-	-	-	GPRS(2TX slots)	Back	5mm	Ant1	-	DSI3	810	1909.8	26.88	28.0	1.29	-	-	-0.01	0.441	0.571
Second supply	GSM1900	-	-	-	-	GPRS(2TX slots)	Back	5mm	Ant1	-	DSI3	661	1880	26.96	28.0	1.27	-	-	-0.06	0.523	0.665
	GSM1900	-	-	-	-	GPRS(2TX slots)	Front	13mm	Ant1	-	DSI4	661	1880	26.96	28.0	1.27	-	-	0.05	0.261	0.332
	GSM1900	-	-	-	-	GPRS(2TX slots)	Back	17mm	Ant1	-	DSI4	661	1880	26.96	28.0	1.27	-	-	-0.03	0.240	0.305
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant1	-	DSI3	9400	1880	21.55	22.0	1.11	-	-	0.00	0.728	0.807
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant1	-	DSI3	9400	1880	21.55	22.0	1.11	-	-	-0.01	0.762	0.845
37	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant1	-	DSI3	9262	1852.4	21.48	22.0	1.13	-	-	-0.01	0.992	1.118
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant1	-	DSI3	9538	1907.6	21.41	22.0	1.15	-	-	-0.05	0.682	0.781
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant1	Headset	DSI3	9262	1852.4	21.48	22.0	1.13	-	-	-0.03	0.519	0.585
Second supply	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant1	-	DSI3	9262	1852.4	21.48	22.0	1.13	-	-	0.05	0.750	0.845
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	13mm	Ant1	-	DSI4	9400	1880	23.20	24.0	1.20	-	-	-0.06	0.615	0.739
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	17mm	Ant1	-	DSI4	9262	1852.4	23.18	24.0	1.21	-	-	0.03	0.499	0.603
	LTE Band25	20M	QPSK	1	0	-	Front	5mm	Ant1	-	DSI3	26340	1880	20.89	21.5	1.15	-	-	-0.04	0.516	0.594
	LTE Band25	20M	QPSK	50	0	-	Front	5mm	Ant1	-	DSI3	26340	1880	20.33	21.5	1.31	-	-	-0.05	0.532	0.696
	LTE Band25	20M	QPSK	1	0	-	Back	5mm	Ant1	-	DSI3	26340	1880	20.89	21.5	1.15	-	-	0.06	0.615	0.708
	LTE Band25	20M	QPSK	50	0	-	Back	5mm	Ant1	-	DSI3	26340	1880	20.33	21.5	1.31	-	-	-0.01	0.638	0.835
	LTE Band25	20M	QPSK	50	0	-	Back	5mm	Ant1	-	DSI3	26140	1860	20.43	21.5	1.28	-	-	-0.01	0.798	1.021
38	LTE Band25	20M	QPSK	50	0	-	Back	5mm	Ant1	-	DSI3	26590	1905	20.66	21.5	1.21	-	-	0.01	0.916	1.111
	LTE Band25	20M	QPSK	100	0	-	Back	5mm	Ant1	-	DSI3	26590	1905	20.66	21.5	1.21	-	-	0.00	0.693	0.841
Second supply	LTE Band25	20M	QPSK	50	0	-	Back	5mm	Ant1	-	DSI3	26590	1905	20.66	21.5	1.21	-	-	0.12	0.737	0.894
	LTE Band25	20M	QPSK	50	0	-	Front	13mm	Ant1	-	DSI4	26340	1880	21.89	22.5	1.15	-	-	0.09	0.599	0.689
	LTE Band25	20M	QPSK	50	0	-	Back	17mm	Ant1	-	DSI4	26590	1905	22.19	22.5	1.07	-	-	-0.04	0.476	0.511
	LTE Band25	20M	QPSK	1	0	-	Front	5mm	Ant4	-	DSI3	26340	1880	18.42	19.0	1.14	-	-	-0.09	0.232	0.265
	LTE Band25	20M	QPSK	50	0	-	Front	5mm	Ant4	-	DSI3	26340	1880	18.16	19.0	1.21	-	-	-0.04	0.241	0.292
	LTE Band25	20M	QPSK	1	0	-	Back	5mm	Ant4	-	DSI3	26340	1880	18.42	19.0	1.14	-	-	-0.04	0.644	0.736
	LTE Band25	20M	QPSK	50	0	-	Back	5mm	Ant4	-	DSI3	26340	1880	18.16	19.0	1.21	-	-	-0.04	0.519	0.630
Second supply	LTE Band25	20M	QPSK	1	0	-	Back	5mm	Ant4	-	DSI3	26340	1880	18.42	19.0	1.14	-	-	-0.05	0.273	0.312
	LTE Band25	20M	QPSK	1	0	-	Front	13mm	Ant4	-	DSI4	26340	1880	21.72	22.5	1.20	-	-	0.05	0.522	0.625
	LTE Band25	20M	QPSK	1	0	-	Back	17mm	Ant4	-	DSI4	26340	1880	21.72	22.5	1.20	-	-	-0.11	0.388	0.464
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant1	-	DSI3	376000	1880	20.15	21.0	1.22	-	-	-0.12	0.540	0.657
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant1	-	DSI3	376000	1880	20.06	21.0	1.24	-	-	-0.14	0.563	0.699
39	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant1	-	DSI3	376000	1880	20.15	21.0	1.22	-	-	-0.02	1.010	1.228
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant1	-	DSI3	376000	1880	20.06	21.0	1.24	-	-	-0.15	0.678	0.842
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant1	Headset	DSI3	376000	1880	20.15	21.0	1.22	-	-	0.14	0.676	0.822
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant1	-	DSI3	372000	1860	20.11	21.0	1.23	-	-	0.00	0.798	0.979
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant1	-	DSI3	380000	1900	20.12	21.0	1.22	-	-	-0.01	0.746	0.914
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Back	5mm	Ant1	-	DSI3	376000	1880	20.01	21.0	1.26	-	-	-0.09	0.728	0.914
	FR1 n2 Other PA	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant1	-	DSI3	376000	1880	20.12	21.0	1.22	-	-	0.09	0.486	0.595
Second supply	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant1	-	DSI3	376000	1880	20.15	21.0	1.22	-	-	-0.14	0.627	0.763
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	13mm	Ant1	-	DSI4	376000	1880	22.98	24.0	1.26	-	-	0.13	0.547	0.692
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	17mm	Ant1	-	DSI4	376000	1880	23.16	24.0	1.21	-	-	0.00	0.545	0.661
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant4	-	DSI3	376000	1880	19.71	20.5	1.20	-	-	0.11	0.241	0.289

	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant4	-	DSI3	376000	1880	19.54	20.5	1.25	-	-	-0.13	0.256	0.319	
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant4	-	DSI3	376000	1880	19.71	20.5	1.20	-	-	-0.12	0.608	0.729	
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant4	-	DSI3	376000	1880	19.54	20.5	1.25	-	-	-0.06	0.649	0.810	
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant4	-	DSI3	372000	1860	19.54	20.5	1.25	-	-	0.05	0.609	0.760	
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant4	-	DSI3	380000	1900	19.54	20.5	1.25	-	-	-0.07	0.333	0.415	
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Back	5mm	Ant4	-	DSI3	376000	1880	19.54	20.5	1.25	-	-	-0.13	0.451	0.563	
	FR1 n2 Other PA	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant4	-	DSI3	376000	1880	19.54	20.5	1.25	-	-	0.12	0.489	0.610	
	FR1 n2 Other PA	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant4	-	DSI3	376000	1880	18.46	19.5	1.27	-	-	-0.08	0.444	0.564	
Second supply	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant4	-	DSI3	376000	1880	19.54	20.5	1.25	-	-	-0.01	0.380	0.474	
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	13mm	Ant4	-	DSI4	376000	1880	23.13	24.0	1.22	-	-	-0.02	0.325	0.397	
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	17mm	Ant4	-	DSI4	376000	1880	23.13	24.0	1.22	-	-	-0.05	0.254	0.310	
	2600MHz																					
	LTE Band7	20M	QPSK	1	0	-	Front	5mm	Ant1	-	DSI3	21100	2535	21.55	22.0	1.11	-	-	-0.03	0.498	0.552	
	LTE Band7	20M	QPSK	50	0	-	Front	5mm	Ant1	-	DSI3	21100	2535	21.36	22.0	1.16	-	-	-0.01	0.564	0.654	
	LTE Band7	20M	QPSK	1	0	-	Back	5mm	Ant1	-	DSI3	21100	2535	21.55	22.0	1.11	-	-	-0.10	0.831	0.922	
	LTE Band7	20M	QPSK	50	0	-	Back	5mm	Ant1	-	DSI3	21100	2535	21.36	22.0	1.16	-	-	0.08	0.832	0.964	
40	LTE Band7	20M	QPSK	1	0	-	Back	5mm	Ant1	-	DSI3	20850	2510	21.55	22.0	1.11	-	-	0.00	0.891	0.988	
	LTE Band7	20M	QPSK	1	0	-	Back	5mm	Ant1	-	DSI3	21350	2560	21.55	22.0	1.11	-	-	0.07	0.758	0.841	
	LTE Band7	20M	QPSK	100	0	-	Back	5mm	Ant1	-	DSI3	20850	2510	21.19	22.0	1.21	-	-	0.01	0.629	0.758	
	LTE Band7C 1@99 1@0	20M	QPSK	1	99	-	Back	5mm	Ant1	-	DSI3	21100+ 21298	2535+ 2554.8	20.49	21.0	1.12	-	-	-0.01	0.567	0.638	
Second supply	LTE Band7	20M	QPSK	1	0	-	Back	5mm	Ant1	-	DSI3	20850	2510	21.55	22.0	1.11	-	-	-0.10	0.880	0.976	
	LTE Band7	20M	QPSK	50	0	-	Front	13mm	Ant1	-	DSI4	21100	2535	23.28	24.0	1.18	-	-	-0.03	0.492	0.581	
	LTE Band7	20M	QPSK	1	0	-	Back	17mm	Ant1	-	DSI4	20850	2510	23.28	24.0	1.18	-	-	-0.11	0.412	0.486	
	LTE Band7	20M	QPSK	1	0	-	Front	5mm	Ant4	-	DSI3	21100	2535	19.47	20.0	1.13	-	-	-0.13	0.402	0.454	
	LTE Band7	20M	QPSK	50	0	-	Front	5mm	Ant4	-	DSI3	21100	2535	19.11	20.0	1.23	-	-	0.13	0.391	0.480	
	LTE Band7	20M	QPSK	1	0	-	Back	5mm	Ant4	-	DSI3	21100	2535	19.47	20.0	1.13	-	-	-0.05	0.695	0.785	
	LTE Band7	20M	QPSK	50	0	-	Back	5mm	Ant4	-	DSI3	21100	2535	19.11	20.0	1.23	-	-	0.05	0.391	0.480	
Second supply	LTE Band7	20M	QPSK	1	0	-	Back	5mm	Ant4	-	DSI3	21100	2535	19.47	20.0	1.13	-	-	0.04	0.507	0.573	
	LTE Band7	20M	QPSK	1	0	-	Front	13mm	Ant4	-	DSI4	21100	2535	23.49	24.0	1.12	-	-	0.05	0.344	0.387	
	LTE Band7	20M	QPSK	1	0	-	Back	17mm	Ant4	-	DSI4	21100	2535	23.49	24.0	1.12	-	-	-0.06	0.343	0.386	
	LTE Band41	20M	QPSK	1	0	-	Front	5mm	Ant1	-	DSI3	40620	2593	23.19	24.0	1.21	62.9%	1.006	0.01	0.403	0.489	
	LTE Band41	20M	QPSK	50	0	-	Front	5mm	Ant1	-	DSI3	40620	2593	21.93	23.0	1.28	62.9%	1.006	0.13	0.240	0.309	
	LTE Band41	20M	QPSK	1	0	-	Back	5mm	Ant1	-	DSI3	40620	2593	23.19	24.0	1.21	62.9%	1.006	0.00	0.656	0.551	
	LTE Band41	20M	QPSK	50	0	-	Back	5mm	Ant1	-	DSI3	40620	2593	21.93	23.0	1.28	62.9%	1.006	-0.01	0.392	0.496	
	LTE Band41C 1@99 1@0	20M	QPSK	1	99	-	Back	5mm	Ant1	-	DSI3	41055+ 41253	2636.50+ 2656.30	23.30	24.0	1.17	62.9%	1.006	-0.01	0.435	0.514	
Second supply	LTE Band41	20M	QPSK	1	0	-	Back	5mm	Ant1	-	DSI3	40620	2593	23.19	24.0	1.21	62.9%	1.006	0.00	0.444	0.538	
	LTE Band41	20M	QPSK	1	0	-	Front	13mm	Ant1	-	DSI4	40620	2593	23.19	24.0	1.21	62.9%	1.006	0.10	0.146	0.177	
	LTE Band41	20M	QPSK	1	0	-	Back	17mm	Ant1	-	DSI4	40620	2593	23.19	24.0	1.21	62.9%	1.006	0.10	0.151	0.183	
	LTE Band41	20M	QPSK	1	0	-	Front	5mm	Ant4	-	DSI3	40620	2593	18.41	19.0	1.15	62.9%	1.006	0.07	0.436	0.502	
	LTE Band41	20M	QPSK	50	0	-	Front	5mm	Ant4	-	DSI3	40620	2593	18.17	19.0	1.21	62.9%	1.006	-0.05	0.429	0.522	
41	LTE Band41	20M	QPSK	1	0	-	Back	5mm	Ant4	-	DSI3	40620	2593	18.41	19.0	1.15	62.9%	1.006	-0.11	0.638	0.735	
	LTE Band41	20M	QPSK	50	0	-	Back	5mm	Ant4	-	DSI3	40620	2593	18.17	19.0	1.21	62.9%	1.006	0.03	0.523	0.637	
Second supply	LTE Band41	20M	QPSK	1	0	-	Back	5mm	Ant4	-	DSI3	40620	2593	18.41	19.0	1.15	62.9%	1.006	0.12	0.433	0.499	
	LTE Band41	20M	QPSK	50	0	-	Front	13mm	Ant4	-	DSI4	40620	2593	21.23	22.0	1.19	62.9%	1.006	0.12	0.216	0.259	

	LTE Band41	20M	QPSK	1	0	-	Back	17mm	Ant4	-	DSI4	40620	2593	22.45	23.0	1.14	62.9%	1.006	0.00	0.240	0.274	
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant1	-	DSI3	507000	2535	20.29	21.0	1.18	-	-	-0.09	0.505	0.595	
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant1	-	DSI3	507000	2535	19.92	21.0	1.28	-	-	0.11	0.478	0.613	
42	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant1	-	DSI3	507000	2535	20.29	21.0	1.18	-	-	0.04	0.820	0.966	
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant1	-	DSI3	507000	2535	19.92	21.0	1.28	-	-	-0.03	0.719	0.922	
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant1	-	DSI3	504000	2520	20.21	21.0	1.20	-	-	0.06	0.417	0.500	
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant1	-	DSI3	510000	2550	20.28	21.0	1.18	-	-	-0.08	0.644	0.760	
	FR1 n7	40M	QPSK	216	0	DFT-SCS-15KHz	Back	5mm	Ant1	-	DSI3	507000	2535	19.80	21.0	1.32	-	-	0.05	0.707	0.932	
Second supply	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant1	-	DSI3	507000	2535	20.29	21.0	1.18	-	-	0.01	0.767	0.903	
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	13mm	Ant1	-	DSI4	507000	2535	22.32	23.0	1.17	-	-	-0.07	0.580	0.678	
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	17mm	Ant1	-	DSI4	507000	2535	22.32	23.0	1.17	-	-	0.12	0.360	0.421	
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant4	-	DSI3	507000	2535	18.37	19.0	1.16	-	-	-0.01	0.415	0.522	
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant4	-	DSI3	507000	2535	18.20	19.0	1.20	-	-	-0.02	0.465	0.585	
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant4	-	DSI3	507000	2535	18.37	19.0	1.16	-	-	0.04	0.669	0.842	
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant4	-	DSI3	507000	2535	18.20	19.0	1.20	-	-	0.00	0.450	0.541	
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant4	-	DSI3	504000	2520	18.15	19.0	1.22	-	-	-0.04	0.379	0.461	
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant4	-	DSI3	510000	2550	18.11	19.0	1.23	-	-	0.14	0.372	0.457	
	FR1 n7	40M	QPSK	216	0	DFT-SCS-15KHz	Back	5mm	Ant4	-	DSI3	507000	2535	18.13	19.0	1.22	-	-	-0.10	0.691	0.844	
Second supply	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant4	-	DSI3	507000	2535	18.37	19.0	1.16	-	-	0.01	0.606	0.701	
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	13mm	Ant4	-	DSI4	510000	2550	22.97	24.0	1.27	-	-	-0.05	0.337	0.427	
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	17mm	Ant4	-	DSI4	510000	2550	22.97	24.0	1.27	-	-	0.12	0.304	0.385	
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant1	-	DSI3	518598	2592.99	21.99	22.5	1.12	-	-	0.05	0.590	0.664	
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant1	-	DSI3	518598	2592.99	21.78	22.5	1.18	-	-	0.08	0.437	0.516	
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant1	-	DSI3	518598	2592.99	21.99	22.5	1.12	-	-	-0.03	0.716	0.805	
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant1	-	DSI3	518598	2592.99	21.78	22.5	1.18	-	-	-0.02	0.834	0.984	
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant1	-	DSI3	509202	2546.01	21.73	22.5	1.19	-	-	-0.04	0.604	0.721	
43	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant1	-	DSI3	528000	2640	21.78	22.5	1.18	-	-	0.16	0.885	1.045	
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant1	-	DSI3	528000	2640	21.80	22.5	1.17	-	-	0.02	0.719	0.845	
Second supply	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant1	-	DSI3	528000	2640	21.78	22.5	1.18	-	-	-0.12	0.868	1.025	
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	13mm	Ant1	-	DSI4	518598	2592.99	23.42	24.0	1.14	-	-	-0.02	0.338	0.386	
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	17mm	Ant1	-	DSI4	518598	2592.99	23.42	24.0	1.14	-	-	-0.07	0.271	0.310	
3500MHz																						
	LTE Band42	20M	QPSK	1	0	-	Front	5mm	ANT2	-	DSI3	42590	3500	18.91	20.0	1.29	62.9%	1.006	0.05	0.238	0.308	
	LTE Band42	20M	QPSK	50	0	-	Front	5mm	ANT2	-	DSI3	42590	3500	18.72	20.0	1.34	62.9%	1.006	0.10	0.242	0.327	
44	LTE Band42	20M	QPSK	1	0	-	Back	5mm	ANT2	-	DSI3	42590	3500	18.91	20.0	1.29	62.9%	1.006	-0.03	0.723	0.935	
	LTE Band42	20M	QPSK	50	0	-	Back	5mm	ANT2	-	DSI3	42590	3500	18.72	20.0	1.34	62.9%	1.006	0.04	0.349	0.471	
	LTE Band42	20M	QPSK	1	0	-	Back	5mm	ANT2	-	DSI3	42190	2460	18.84	20.0	1.31	62.9%	1.006	0.13	0.515	0.677	
	LTE Band42	20M	QPSK	1	0	-	Back	5mm	ANT2	-	DSI3	42290	3540	18.76	20.0	1.33	62.9%	1.006	-0.04	0.506	0.677	
	LTE Band42	20M	QPSK	100	0	-	Back	5mm	ANT2	-	DSI3	42590	3500	18.73	20.0	1.34	62.9%	1.006	0.01	0.357	0.481	
Second supply	LTE Band42	20M	QPSK	1	0	-	Back	5mm	ANT2	-	DSI3	42590	3500	18.91	20.0	1.29	62.9%	1.006	-0.02	0.374	0.484	
	LTE Band42	20M	QPSK	1	0	-	Front	13mm	ANT2	-	DSI4	42590	3500	23.36	24.0	1.16	62.9%	1.006	0.02	0.035	0.041	
	LTE Band42	20M	QPSK	1	0	-	Back	17mm	ANT2	-	DSI4	42590	3500	23.36	24.0	1.16	62.9%	1.006	-0.10	0.037	0.043	
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	ANT2	-	DSI3	633332	3499.98	16.87	17.5	1.16	-	-	-0.09	0.330	0.382	
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	ANT2	-	DSI3	633332	3499.98	16.63	17.5	1.22	-	-	0.01	0.213	0.260	

	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Back	5mm	ANT5+8	-	simultaneous	60	5300	17.15	18.0	1.22	100%	1	-0.02	0.458	0.557
Second supply	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Back	5mm	ANT5+8	-	Standalone	56	5280	19.01	20.0	1.26	100%	1	0.00	0.512	0.643
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Front	13mm	ANT5+8	-	Full power	60	5300	21.24	22.0	1.19	100%	1	0.15	0.120	0.143
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Back	17mm	ANT5+8	-	Full power	60	5300	21.24	22.0	1.19	100%	1	-0.02	0.216	0.257
5600MHz																					
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Front	5mm	ANT5+8	-	Standalone	100	5500	18.41	19.5	1.29	100%	1	-0.15	0.313	0.402
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Back	5mm	ANT5+8	-	Standalone	100	5500	18.41	19.5	1.29	100%	1	0.17	0.656	0.843
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Back	5mm	ANT5+8	-	Standalone	116	5580	17.69	18.5	1.21	100%	1	0.01	0.813	0.980
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Back	5mm	ANT5+8	-	Standalone	124	5620	17.66	18.5	1.21	100%	1	0.13	0.847	1.028
49	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Back	5mm	ANT5+8	-	Standalone	132	5660	17.53	18.5	1.25	100%	1	-0.02	0.919	1.149
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Back	5mm	ANT5+8	-	Standalone	140	5700	17.58	18.5	1.24	100%	1	0.01	0.927	1.146
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Back	5mm	ANT5+8	-	Standalone	144	5720	17.71	18.5	1.20	100%	1	0.12	0.805	0.966
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Front	5mm	ANT5+8	-	simultaneous	140	5700	14.81	16.0	1.32	100%	1	0.1	0.211	0.278
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Back	5mm	ANT5+8	-	simultaneous	140	5700	14.81	16.0	1.32	100%	1	-0.03	0.455	0.598
Second supply	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Back	5mm	ANT5+8	-	Standalone	140	5700	16.58	17.5	1.24	100%	1	0.08	0.714	0.882
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Front	13mm	ANT5+8	-	Full power	140	5700	18.20	19.00	1.20	100%	1	-0.05	0.170	0.204
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Back	17mm	ANT5+8	-	Full power	140	5700	18.20	19.00	1.20	100%	1	-0.03	0.325	0.391
5750MHz																					
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Front	5mm	ANT5+8	-	Standalone	157	5785	19.56	20.5	1.24	100%	1	-0.05	0.273	0.339
50	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Back	5mm	ANT5+8	-	Standalone	157	5785	19.56	20.5	1.24	100%	1	-0.13	0.602	0.747
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Front	5mm	ANT5+8	-	simultaneous	157	5785	15.03	16.0	1.25	100%	1	-0.01	0.172	0.215
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Back	5mm	ANT5+8	-	simultaneous	157	5785	15.03	16.0	1.25	100%	1	-0.06	0.428	0.535
Second supply	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Back	5mm	ANT5+8	-	Standalone	157	5785	19.56	20.5	1.24	100%	1	-0.06	0.593	0.736
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Front	13mm	ANT5+8	-	Full power	157	5785	21.11	22.0	1.23	100%	1	0.12	0.263	0.323
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Back	17mm	ANT5+8	-	Full power	157	5785	21.11	22.0	1.23	100%	1	0.02	0.509	0.625

Hotspot SAR

Plot No.	Band	BW	Modulation	RB Size	RB offset	Mode	Test Position	Gap(mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	Scaled Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift(dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
Hotspot SAR Data																				
750MHz																				
	LTE Band12	10M	QPSK	1	0	-	Front	5mm	Ant0	Hotspot	23095	707.5	23.33	24.0	1.17	-	-	0.01	0.400	0.467
	LTE Band12	10M	QPSK	25	0	-	Front	5mm	Ant0	Hotspot	23095	707.5	22.37	23.0	1.16	-	-	-0.03	0.246	0.284
	LTE Band12	10M	QPSK	1	0	-	Back	5mm	Ant0	Hotspot	23095	707.5	23.33	24.0	1.17	-	-	0.00	0.738	0.861
	LTE Band12	10M	QPSK	25	0	-	Back	5mm	Ant0	Hotspot	23095	707.5	22.37	23.0	1.16	-	-	-0.03	0.538	0.622
	LTE Band12	10M	QPSK	1	0	-	Left Side	5mm	Ant0	Hotspot	23095	707.5	23.33	24.0	1.17	-	-	-0.02	0.534	0.623
	LTE Band12	10M	QPSK	25	0	-	Left Side	5mm	Ant0	Hotspot	23095	707.5	22.37	23.0	1.16	-	-	-0.05	0.253	0.292
	LTE Band12	10M	QPSK	1	0	-	Bottom Side	5mm	Ant0	Hotspot	23095	707.5	23.33	24.0	1.17	-	-	-0.08	0.553	0.645
	LTE Band12	10M	QPSK	25	0	-	Bottom Side	5mm	Ant0	Hotspot	23095	707.5	22.37	23.0	1.16	-	-	-0.01	0.303	0.350
	LTE Band12	10M	QPSK	1	0	-	Back	5mm	Ant0	Hotspot	23060	704	23.21	24.0	1.20	-	-	0.01	0.722	0.866
51	LTE Band12	10M	QPSK	1	0	-	Back	5mm	Ant0	Hotspot	23130	711	23.19	24.0	1.21	-	-	-0.04	0.869	1.047
	LTE Band12	10M	QPSK	50	0	-	Back	5mm	Ant0	Hotspot	23130	711	22.37	23.0	1.16	-	-	-0.01	0.337	0.390
Second supply	LTE Band12	10M	QPSK	1	0	-	Back	5mm	Ant0	Hotspot	23130	711	23.19	24.0	1.21	-	-	0.01	0.752	0.906
	LTE Band12	10M	QPSK	1	0	-	Front	5mm	Ant4	Hotspot	23095	707.5	21.97	23.0	1.27	-	-	-0.04	0.216	0.274
	LTE Band12	10M	QPSK	25	0	-	Front	5mm	Ant4	Hotspot	23095	707.5	20.94	22.0	1.28	-	-	-0.06	0.136	0.174
	LTE Band12	10M	QPSK	1	0	-	Back	5mm	Ant4	Hotspot	23095	707.5	21.97	23.0	1.27	-	-	0.00	0.337	0.427
	LTE Band12	10M	QPSK	25	0	-	Back	5mm	Ant4	Hotspot	23095	707.5	20.94	22.0	1.28	-	-	0.00	0.337	0.430
	LTE Band12	10M	QPSK	1	0	-	Left Side	5mm	Ant4	Hotspot	23095	707.5	21.97	23.0	1.27	-	-	-0.02	0.318	0.403
	LTE Band12	10M	QPSK	25	0	-	Left Side	5mm	Ant4	Hotspot	23095	707.5	20.94	22.0	1.28	-	-	-0.10	0.193	0.246
	LTE Band12	10M	QPSK	1	0	-	Top Side	5mm	Ant4	Hotspot	23095	707.5	21.97	23.0	1.27	-	-	0.01	0.450	0.570
	LTE Band12	10M	QPSK	25	0	-	Top Side	5mm	Ant4	Hotspot	23095	707.5	20.94	22.0	1.28	-	-	0.01	0.261	0.333
Second supply	LTE Band12	10M	QPSK	1	0	-	Top Side	5mm	Ant4	Hotspot	23095	707.5	21.97	23.0	1.27	-	-	0.10	0.369	0.369
	LTE Band13	10M	QPSK	1	0	-	Front	5mm	Ant0	Hotspot	23230	782	23.46	24.0	1.13	-	-	-0.04	0.414	0.469
	LTE Band13	10M	QPSK	25	0	-	Front	5mm	Ant0	Hotspot	23230	782	22.40	23.0	1.15	-	-	-0.07	0.170	0.195
52	LTE Band13	10M	QPSK	1	0	-	Back	5mm	Ant0	Hotspot	23230	782	23.46	24.0	1.13	-	-	0.00	0.580	0.657
	LTE Band13	10M	QPSK	25	0	-	Back	5mm	Ant0	Hotspot	23230	782	22.40	23.0	1.15	-	-	0.00	0.348	0.400
	LTE Band13	10M	QPSK	1	0	-	Left Side	5mm	Ant0	Hotspot	23230	782	23.46	24.0	1.13	-	-	-0.01	0.509	0.576
	LTE Band13	10M	QPSK	25	0	-	Left Side	5mm	Ant0	Hotspot	23230	782	22.40	23.0	1.15	-	-	-0.01	0.309	0.355
	LTE Band13	10M	QPSK	1	0	-	Bottom Side	5mm	Ant0	Hotspot	23230	782	23.46	24.0	1.13	-	-	-0.07	0.268	0.303
	LTE Band13	10M	QPSK	25	0	-	Bottom Side	5mm	Ant0	Hotspot	23230	782	22.40	23.0	1.15	-	-	0.11	0.152	0.175
Second supply	LTE Band13	10M	QPSK	1	0	-	Back	5mm	Ant0	Hotspot	23230	782	23.46	24.0	1.13	-	-	-0.11	0.414	0.469
	LTE Band13	10M	QPSK	1	0	-	Front	5mm	Ant4	Hotspot	23230	782	21.31	22.0	1.17	-	-	0.04	0.190	0.223
	LTE Band13	10M	QPSK	25	0	-	Front	5mm	Ant4	Hotspot	23230	782	20.29	21.0	1.18	-	-	0.07	0.135	0.159
	LTE Band13	10M	QPSK	1	0	-	Back	5mm	Ant4	Hotspot	23230	782	21.31	22.0	1.17	-	-	0.01	0.340	0.399
	LTE Band13	10M	QPSK	25	0	-	Back	5mm	Ant4	Hotspot	23230	782	20.29	21.0	1.18	-	-	-0.08	0.169	0.199
	LTE Band13	10M	QPSK	1	0	-	Left Side	5mm	Ant4	Hotspot	23230	782	21.31	22.0	1.17	-	-	0.04	0.190	0.223
	LTE Band13	10M	QPSK	25	0	-	Left Side	5mm	Ant4	Hotspot	23230	782	20.29	21.0	1.18	-	-	0.05	0.137	0.161
	LTE Band13	10M	QPSK	1	0	-	Top Side	5mm	Ant4	Hotspot	23230	782	21.31	22.0	1.17	-	-	0.03	0.351	0.411
	LTE Band13	10M	QPSK	25	0	-	Top Side	5mm	Ant4	Hotspot	23230	782	20.21	21.0	1.20	-	-	-0.01	0.257	0.308

Second supply	LTE Band13	10M	QPSK	1	0	-	Top Side	5mm	Ant4	Hotspot	23230	782	21.31	22.0	1.17	-	-	0.00	0.298	0.349
	835MHz																			
	GSM850	-	-	-	-	GPRS(1TX slots)	Front	5mm	Ant0	Hotspot	189	836.4	32.37	33.0	1.16	-	-	0.00	0.341	0.394
	GSM850	-	-	-	-	GPRS(1TX slots)	Back	5mm	Ant0	Hotspot	189	836.4	32.37	33.0	1.16	-	-	-0.01	0.697	0.806
	GSM850	-	-	-	-	GPRS(1TX slots)	Left Side	5mm	Ant0	Hotspot	189	836.4	32.37	33.0	1.16	-	-	-0.14	0.470	0.543
	GSM850	-	-	-	-	GPRS(1TX slots)	Bottom Side	5mm	Ant0	Hotspot	189	836.4	32.37	33.0	1.16	-	-	-0.01	0.425	0.491
	GSM850	-	-	-	-	GPRS(1TX slots)	Back	5mm	Ant0	Hotspot	128	824.2	32.29	33.0	1.18	-	-	0.04	0.631	0.743
53	GSM850	-	-	-	-	GPRS(1TX slots)	Back	5mm	Ant0	Hotspot	251	848.8	32.31	33.0	1.17	-	-	-0.02	0.797	0.934
Second supply	GSM850	-	-	-	-	GPRS(1TX slots)	Back	5mm	Ant0	Hotspot	251	848.8	32.31	33.0	1.17	-	-	0.15	0.568	0.568
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant0	Hotspot	4182	836.4	23.20	24.0	1.20	-	-	0.00	0.536	0.644
54	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant0	Hotspot	4182	836.4	23.20	24.0	1.20	-	-	-0.03	0.937	1.127
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant0	Hotspot	4182	836.4	23.20	24.0	1.20	-	-	0.00	0.547	0.658
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant0	Hotspot	4182	836.4	23.20	24.0	1.20	-	-	-0.01	0.695	0.836
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant0	Hotspot	4132	826.4	23.14	24.0	1.22	-	-	-0.02	0.911	1.110
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant0	Hotspot	4233	846.6	23.19	24.0	1.21	-	-	-0.07	0.929	1.119
Second supply	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant0	Hotspot	4182	836.4	23.20	24.0	1.20	-	-	-0.10	0.756	0.756
	LTE Band26	15M	QPSK	1	0	-	Front	5mm	Ant0	Hotspot	26865	831.5	23.27	24.0	1.18	-	-	0.01	0.457	0.541
	LTE Band26	15M	QPSK	36	0	-	Front	5mm	Ant0	Hotspot	26865	831.5	22.27	23.0	1.18	-	-	-0.07	0.273	0.323
	LTE Band26	15M	QPSK	1	0	-	Back	5mm	Ant0	Hotspot	26865	831.5	23.27	24.0	1.18	-	-	-0.01	0.807	0.955
	LTE Band26	15M	QPSK	36	0	-	Back	5mm	Ant0	Hotspot	26865	831.5	22.27	23.0	1.18	-	-	0.01	0.513	0.607
	LTE Band26	15M	QPSK	1	0	-	Left Side	5mm	Ant0	Hotspot	26865	831.5	23.27	24.0	1.18	-	-	0.00	0.537	0.635
	LTE Band26	15M	QPSK	36	0	-	Left Side	5mm	Ant0	Hotspot	26865	831.5	22.27	23.0	1.18	-	-	0.01	0.328	0.388
	LTE Band26	15M	QPSK	1	0	-	Bottom Side	5mm	Ant0	Hotspot	26865	831.5	23.27	24.0	1.18	-	-	0.02	0.604	0.715
	LTE Band26	15M	QPSK	36	0	-	Bottom Side	5mm	Ant0	Hotspot	26865	831.5	22.27	23.0	1.18	-	-	-0.04	0.350	0.414
	LTE Band26	15M	QPSK	1	0	-	Back	5mm	Ant0	Hotspot	26765	821.5	23.21	24.0	1.20	-	-	0.01	0.823	0.987
55	LTE Band26	15M	QPSK	1	0	-	Back	5mm	Ant0	Hotspot	26965	841.5	23.09	24.0	1.23	-	-	0.01	0.934	1.152
	LTE Band26	15M	QPSK	75	0	-	Back	5mm	Ant0	Hotspot	26965	841.5	23.09	24.0	1.23	-	-	0.02	0.534	0.658
Second supply	LTE Band26	15M	QPSK	1	0	-	Back	5mm	Ant0	Hotspot	26965	841.5	23.09	24.0	1.23	-	-	-0.11	0.801	0.988
	LTE Band26	15M	QPSK	1	0	-	Front	5mm	Ant4	Hotspot	26865	831.5	20.87	21.5	1.16	-	-	-0.03	0.260	0.301
	LTE Band26	15M	QPSK	36	0	-	Front	5mm	Ant4	Hotspot	26865	831.5	20.66	21.5	1.21	-	-	0.00	0.167	0.203
	LTE Band26	15M	QPSK	1	0	-	Back	5mm	Ant4	Hotspot	26865	831.5	20.87	21.5	1.16	-	-	-0.02	0.383	0.443
	LTE Band26	15M	QPSK	36	0	-	Back	5mm	Ant4	Hotspot	26865	831.5	20.66	21.5	1.21	-	-	-0.02	0.270	0.328
	LTE Band26	15M	QPSK	1	0	-	Left Side	5mm	Ant4	Hotspot	26865	831.5	20.87	21.5	1.16	-	-	0.01	0.165	0.191
	LTE Band26	15M	QPSK	36	0	-	Left Side	5mm	Ant4	Hotspot	26865	831.5	20.66	21.5	1.21	-	-	0.13	0.117	0.142
	LTE Band26	15M	QPSK	1	0	-	Top Side	5mm	Ant4	Hotspot	26865	831.5	20.87	21.5	1.16	-	-	0.04	0.470	0.543
	LTE Band26	15M	QPSK	36	0	-	Top Side	5mm	Ant4	Hotspot	26865	831.5	20.66	21.5	1.21	-	-	0.03	0.302	0.366
Second supply	LTE Band26	15M	QPSK	1	0	-	Top Side	5mm	Ant4	Hotspot	26865	831.5	20.87	21.5	1.16	-	-	0.05	0.308	0.356
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant0	Hotspot	166300	831.5	22.60	23.0	1.10	-	-	-0.03	0.258	0.283
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant0	Hotspot	166300	831.5	22.55	23.0	1.11	-	-	-0.08	0.276	0.306
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant0	Hotspot	166300	831.5	22.60	23.0	1.10	-	-	-0.02	0.473	0.519
56	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant0	Hotspot	166300	831.5	22.55	23.0	1.11	-	-	-0.03	0.623	0.691
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant0	Hotspot	166300	831.5	22.60	23.0	1.10	-	-	0.03	0.323	0.354

Second supply	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant1	Hotspot	1312	1712.4	19.69	20.0	1.07	-	-	0.02	0.621	0.621
	LTE Band66	20M	QPSK	1	0	-	Front	5mm	Ant1	Hotspot	132322	1745	20.48	21.0	1.13	-	-	-0.01	0.491	0.553
	LTE Band66	20M	QPSK	50	0	-	Front	5mm	Ant1	Hotspot	132322	1745	20.21	21.0	1.20	-	-	-0.01	0.536	0.643
	LTE Band66	20M	QPSK	1	0	-	Back	5mm	Ant1	Hotspot	132322	1745	20.48	21.0	1.13	-	-	0.00	0.616	0.694
	LTE Band66	20M	QPSK	50	0	-	Back	5mm	Ant1	Hotspot	132322	1745	20.21	21.0	1.20	-	-	-0.02	0.713	0.855
	LTE Band66	20M	QPSK	1	0	-	Right Side	5mm	Ant1	Hotspot	132322	1745	20.48	21.0	1.13	-	-	-0.01	0.206	0.232
	LTE Band66	20M	QPSK	50	0	-	Right Side	5mm	Ant1	Hotspot	132322	1745	20.21	21.0	1.20	-	-	-0.06	0.218	0.261
	LTE Band66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant1	Hotspot	132322	1745	20.48	21.0	1.13	-	-	0.00	0.856	0.965
	LTE Band66	20M	QPSK	50	0	-	Bottom Side	5mm	Ant1	Hotspot	132322	1745	20.21	21.0	1.20	-	-	-0.06	0.852	1.022
	LTE Band66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant1	Hotspot	132072	1720	20.48	21.0	1.13	-	-	0.00	0.904	1.019
59	LTE Band66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant1	Hotspot	132572	1770	20.48	21.0	1.13	-	-	-0.06	1.020	1.150
	LTE Band66	20M	QPSK	100	0	-	Bottom Side	5mm	Ant1	Hotspot	132572	1770	20.19	21.0	1.21	-	-	0.11	0.502	0.605
Second supply	LTE Band66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant1	Hotspot	132572	1770	20.48	21.0	1.13	-	-	0.01	0.953	1.074
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant4	Hotspot	132322	1745	15.97	17.0	1.27	-	-	-0.03	0.127	0.161
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant4	Hotspot	132322	1745	15.60	17.0	1.38	-	-	0.03	0.135	0.186
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant4	Hotspot	132322	1745	15.97	17.0	1.27	-	-	-0.04	0.284	0.360
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant4	Hotspot	132322	1745	15.60	17.0	1.38	-	-	-0.03	0.369	0.509
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant4	Hotspot	132322	1745	15.97	17.0	1.27	-	-	0.06	0.127	0.161
	LTE Band 66	20M	QPSK	50	0	-	Left Side	5mm	Ant4	Hotspot	132322	1745	15.60	17.0	1.38	-	-	0.11	0.134	0.185
	LTE Band 66	20M	QPSK	1	0	-	Top Side	5mm	Ant4	Hotspot	132322	1745	15.97	17.0	1.27	-	-	0.00	0.347	0.347
	LTE Band 66	20M	QPSK	50	0	-	Top Side	5mm	Ant4	Hotspot	132322	1745	15.60	17.0	1.38	-	-	-0.01	0.368	0.508
Second supply	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant4	Hotspot	132322	1745	15.60	17.0	1.38	-	-	0.13	0.323	0.446
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant1	Hotspot	349000	1745	21.24	22.0	1.19	-	-	-0.01	0.519	0.618
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant1	Hotspot	349000	1745	21.02	22.0	1.25	-	-	-0.08	0.542	0.679
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant1	Hotspot	349000	1745	21.24	22.0	1.19	-	-	0.06	0.616	0.734
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant1	Hotspot	349000	1745	21.02	22.0	1.25	-	-	-0.13	0.704	0.882
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant1	Hotspot	349000	1745	21.24	22.0	1.19	-	-	0.01	0.224	0.267
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Right Side	5mm	Ant1	Hotspot	349000	1745	21.02	22.0	1.25	-	-	0.11	0.223	0.279
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant1	Hotspot	349000	1745	21.24	22.0	1.19	-	-	0.00	0.861	1.026
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	5mm	Ant1	Hotspot	349000	1745	21.02	22.0	1.25	-	-	-0.03	0.896	1.123
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	5mm	Ant1	Hotspot	346000	1730	21.21	22.0	1.20	-	-	0.06	0.929	1.114
60	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	5mm	Ant1	Hotspot	352000	1760	21.19	22.0	1.21	-	-	0.03	0.949	1.144
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Bottom Side	5mm	Ant1	Hotspot	352000	1760	21.11	22.0	1.23	-	-	-0.01	0.624	0.766
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	5mm	Ant1	Hotspot	352000	1760	20.32	21.0	1.17	-	-	0.13	0.395	0.462
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	5mm	Ant1	Hotspot	352000	1760	19.59	20.0	1.10	-	-	-0.10	0.506	0.556
Second supply	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	5mm	Ant1	Hotspot	352000	1760	21.19	22.0	1.21	-	-	-0.11	0.782	0.942
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant4	Hotspot	349000	1745	16.03	17.0	1.25	-	-	0.11	0.117	0.146
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant4	Hotspot	349000	1745	15.66	17.0	1.36	-	-	-0.04	0.112	0.152
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant4	Hotspot	349000	1745	16.03	17.0	1.25	-	-	0.02	0.395	0.494
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant4	Hotspot	349000	1745	15.66	17.0	1.36	-	-	0.01	0.385	0.524
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant4	Hotspot	349000	1745	16.03	17.0	1.25	-	-	0.08	0.123	0.154
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	5mm	Ant4	Hotspot	349000	1745	15.66	17.0	1.36	-	-	0.10	0.103	0.140

	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant4	Hotspot	349000	1745	16.03	17.0	1.25	-	-	-0.01	0.368	0.460
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	5mm	Ant4	Hotspot	349000	1745	15.66	17.0	1.36	-	-	-0.10	0.296	0.403
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant4	Hotspot	349000	1745	15.68	17.0	1.36	-	-	-0.03	0.284	0.385
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant4	Hotspot	349000	1745	14.25	15.0	1.19	-	-	-0.05	0.230	0.273
Second supply	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant4	Hotspot	349000	1745	16.03	17.0	1.25	-	-	0.07	0.170	0.213
1900MHz																				
	GSM1900	-	-	-	-	GPRS(2TX slots)	Front	5mm	Ant1	Hotspot	661	1880	26.96	28.0	1.27	-	-	0.01	0.824	1.047
	GSM1900	-	-	-	-	GPRS(2TX slots)	Back	5mm	Ant1	Hotspot	661	1880	26.96	28.0	1.27	-	-	0.11	0.886	1.126
	GSM1900	-	-	-	-	GPRS(2TX slots)	Right Side	5mm	Ant1	Hotspot	661	1880	26.96	28.0	1.27	-	-	-0.08	0.368	0.468
61	GSM1900	-	-	-	-	GPRS(2TX slots)	Bottom Side	5mm	Ant1	Hotspot	661	1880	26.96	28.0	1.27	-	-	-0.01	0.977	1.241
	GSM1900	-	-	-	-	GPRS(2TX slots)	Bottom Side	5mm	Ant1	Hotspot	512	1850.2	26.91	28.0	1.29	-	-	-0.03	0.549	0.706
	GSM1900	-	-	-	-	GPRS(2TX slots)	Bottom Side	5mm	Ant1	Hotspot	810	1909.8	26.88	28.0	1.29	-	-	-0.03	0.950	1.229
Second supply	GSM1900	-	-	-	-	GPRS(2TX slots)	Bottom Side	5mm	Ant1	Hotspot	661	1880	26.96	28.0	1.27	-	-	0.15	0.836	0.907
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant1	Hotspot	9400	1880	20.72	21.0	1.07	-	-	-0.01	0.710	0.757
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant1	Hotspot	9400	1880	20.72	21.0	1.07	-	-	-0.02	0.877	0.935
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant1	Hotspot	9400	1880	20.72	21.0	1.07	-	-	0.03	0.304	0.324
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant1	Hotspot	9400	1880	20.72	21.0	1.07	-	-	0.00	0.946	1.009
62	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant1	Hotspot	9262	1852.4	20.61	21.0	1.09	-	-	-0.01	0.948	1.037
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant1	Hotspot	9538	1907.6	20.65	21.0	1.08	-	-	0.02	0.844	0.915
Second supply	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant1	Hotspot	9262	1852.4	20.61	21.0	1.09	-	-	-0.01	0.761	0.761
	LTE Band25	20M	QPSK	1	0	-	Front	5mm	Ant1	Hotspot	26340	1880	20.89	21.5	1.15	-	-	0.00	0.501	0.577
	LTE Band25	20M	QPSK	50	0	-	Front	5mm	Ant1	Hotspot	26340	1880	20.33	21.5	1.31	-	-	0.00	0.623	0.816
	LTE Band25	20M	QPSK	1	0	-	Back	5mm	Ant1	Hotspot	26340	1880	20.89	21.5	1.15	-	-	-0.01	0.628	0.723
	LTE Band25	20M	QPSK	50	0	-	Back	5mm	Ant1	Hotspot	26340	1880	20.33	21.5	1.31	-	-	-0.02	0.757	0.991
	LTE Band25	20M	QPSK	1	0	-	Right Side	5mm	Ant1	Hotspot	26340	1880	20.89	21.5	1.15	-	-	-0.10	0.240	0.276
	LTE Band25	20M	QPSK	50	0	-	Right Side	5mm	Ant1	Hotspot	26340	1880	20.33	21.5	1.31	-	-	0.03	0.252	0.330
	LTE Band25	20M	QPSK	1	0	-	Bottom Side	5mm	Ant1	Hotspot	26340	1880	20.89	21.5	1.15	-	-	-0.01	0.882	1.015
	LTE Band25	20M	QPSK	50	0	-	Bottom Side	5mm	Ant1	Hotspot	26340	1880	20.33	21.5	1.31	-	-	0.00	0.802	1.050
	LTE Band25	20M	QPSK	1	0	-	Bottom Side	5mm	Ant1	Hotspot	26140	1860	20.89	21.5	1.15	-	-	0.01	0.971	1.117
	LTE Band25	20M	QPSK	1	0	-	Bottom Side	5mm	Ant1	Hotspot	26590	1905	20.89	21.5	1.15	-	-	0.00	0.872	1.003
63	LTE Band25	20M	QPSK	100	0	-	Bottom Side	5mm	Ant1	Hotspot	26340	1880	20.41	21.5	1.29	-	-	0.00	1.010	1.298
Second supply	LTE Band25	20M	QPSK	100	0	-	Bottom Side	5mm	Ant1	Hotspot	26340	1880	20.41	21.5	1.29	-	-	-0.01	0.921	0.877
	LTE Band25	20M	QPSK	1	0	-	Front	5mm	Ant4	Hotspot	26340	1880	13.47	14.0	1.13	-	-	0.10	0.174	0.197
	LTE Band25	20M	QPSK	50	0	-	Front	5mm	Ant4	Hotspot	26340	1880	13.23	14.0	1.19	-	-	0.02	0.181	0.216
	LTE Band25	20M	QPSK	1	0	-	Back	5mm	Ant4	Hotspot	26340	1880	13.47	14.0	1.13	-	-	0.01	0.448	0.506
	LTE Band25	20M	QPSK	50	0	-	Back	5mm	Ant4	Hotspot	26340	1880	13.23	14.0	1.19	-	-	-0.03	0.382	0.456
	LTE Band25	20M	QPSK	1	0	-	Left Side	5mm	Ant4	Hotspot	26340	1880	13.47	14.0	1.13	-	-	-0.15	0.137	0.155
	LTE Band25	20M	QPSK	50	0	-	Left Side	5mm	Ant4	Hotspot	26340	1880	13.23	14.0	1.19	-	-	-0.10	0.146	0.174
	LTE Band25	20M	QPSK	1	0	-	Top Side	5mm	Ant4	Hotspot	26340	1880	13.47	14.0	1.13	-	-	0.02	0.442	0.499
	LTE Band25	20M	QPSK	50	0	-	Top Side	5mm	Ant4	Hotspot	26340	1880	13.23	14.0	1.19	-	-	-0.02	0.469	0.560
Second supply	LTE Band25	20M	QPSK	50	0	-	Top Side	5mm	Ant4	Hotspot	26340	1880	13.23	14.0	1.19	-	-	-0.07	0.163	0.195
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant1	Hotspot	376000	1880	20.55	21.0	1.11	-	-	0.00	0.715	0.793

	LTE Band7	20M	QPSK	50	0	-	Top Side	5mm	Ant4	Hotspot	21100	2535	16.21	17.0	1.20	-	-	-0.01	0.452	0.542
Second supply	LTE Band7	20M	QPSK	50	0	-	Top Side	5mm	Ant4	Hotspot	21100	2535	16.21	17.0	1.20	-	-	-0.06	0.379	0.455
	LTE Band41	20M	QPSK	1	0	-	Front	5mm	Ant1	Hotspot	40620	2593	23.19	24.0	1.21	62.9%	1.006	-0.03	0.441	0.535
	LTE Band41	20M	QPSK	50	0	-	Front	5mm	Ant1	Hotspot	40620	2593	21.15	22.0	1.22	62.9%	1.006	0.13	0.422	0.516
	LTE Band41	20M	QPSK	1	0	-	Back	5mm	Ant1	Hotspot	40620	2593	23.19	24.0	1.21	62.9%	1.006	0.09	0.591	0.716
	LTE Band41	20M	QPSK	50	0	-	Back	5mm	Ant1	Hotspot	40620	2593	21.15	22.0	1.22	62.9%	1.006	0.12	0.566	0.692
	LTE Band41	20M	QPSK	1	0	-	Right Side	5mm	Ant1	Hotspot	40620	2593	23.19	24.0	1.21	62.9%	1.006	0.10	0.199	0.241
	LTE Band41	20M	QPSK	50	0	-	Right Side	5mm	Ant1	Hotspot	40620	2593	21.15	22.0	1.22	62.9%	1.006	0.01	0.187	0.229
	LTE Band41	20M	QPSK	1	0	-	Bottom Side	5mm	Ant1	Hotspot	40620	2593	23.19	24.0	1.21	62.9%	1.006	-0.01	0.728	0.883
	LTE Band41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant1	Hotspot	40620	2593	21.15	22.0	1.22	62.9%	1.006	-0.02	0.748	0.915
66	LTE Band41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant1	Hotspot	39750	2506	20.78	22.0	1.32	62.9%	1.006	0.00	0.920	1.226
	LTE Band41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant1	Hotspot	40185	2549.5	21.03	22.0	1.25	62.9%	1.006	0.00	0.827	1.040
	LTE Band41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant1	Hotspot	41055	2549.5	21.05	22.0	1.24	62.9%	1.006	0.02	0.630	0.789
	LTE Band41	20M	QPSK	100	0	-	Bottom Side	5mm	Ant1	Hotspot	41490	2680	21.15	22.0	1.22	62.9%	1.006	0.04	0.648	0.793
	LTE Band41	20M	QPSK	100	0	-	Bottom Side	5mm	Ant1	Hotspot	39750	2506	20.34	22.0	1.47	62.9%	1.006	-0.14	0.743	1.095
	LTE Band41C 1@99 1@0	20M	QPSK	1	99	-	Bottom Side	5mm	Ant1	Hotspot	41055+ 41253	2636.50+ 2656.30	21.79	22.0	1.05	62.9%	1.006	-0.04	0.717	0.757
Second supply	LTE Band41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant1	Hotspot	39750	2506	20.78	22.0	1.32	62.9%	1.006	-0.12	0.736	0.981
	LTE Band41	20M	QPSK	1	0	-	Front	5mm	Ant4	Hotspot	40620	2593	16.37	17.0	1.16	62.9%	1.006	-0.09	0.246	0.286
	LTE Band41	20M	QPSK	50	0	-	Front	5mm	Ant4	Hotspot	40620	2593	16.14	17.0	1.22	62.9%	1.006	-0.02	0.239	0.293
	LTE Band41	20M	QPSK	1	0	-	Back	5mm	Ant4	Hotspot	40620	2593	16.37	17.0	1.16	62.9%	1.006	-0.03	0.291	0.338
	LTE Band41	20M	QPSK	50	0	-	Back	5mm	Ant4	Hotspot	40620	2593	16.14	17.0	1.22	62.9%	1.006	-0.09	0.364	0.446
	LTE Band41	20M	QPSK	1	0	-	Left Side	5mm	Ant4	Hotspot	40620	2593	16.37	17.0	1.16	62.9%	1.006	-0.02	0.066	0.077
	LTE Band41	20M	QPSK	50	0	-	Left Side	5mm	Ant4	Hotspot	40620	2593	16.14	17.0	1.22	62.9%	1.006	0.00	0.066	0.081
	LTE Band41	20M	QPSK	1	0	-	Top Side	5mm	Ant4	Hotspot	40620	2593	16.37	17.0	1.16	62.9%	1.006	0.03	0.458	0.533
	LTE Band41	20M	QPSK	50	0	-	Top Side	5mm	Ant4	Hotspot	40620	2593	16.14	17.0	1.22	62.9%	1.006	0.00	0.479	0.587
Second supply	LTE Band41	20M	QPSK	50	0	-	Top Side	5mm	Ant4	Hotspot	40620	2593	16.14	17.0	1.22	62.9%	1.006	-0.02	0.365	0.448
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant1	Hotspot	507000	2535	20.09	21.0	1.23	-	-	0.00	0.406	0.501
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant1	Hotspot	507000	2535	19.95	21.0	1.27	-	-	-0.02	0.343	0.437
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant1	Hotspot	507000	2535	20.09	21.0	1.23	-	-	-0.02	0.500	0.617
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant1	Hotspot	507000	2535	19.95	21.0	1.27	-	-	0.01	0.463	0.590
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant1	Hotspot	507000	2535	20.09	21.0	1.23	-	-	0.04	0.199	0.245
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Right Side	5mm	Ant1	Hotspot	507000	2535	19.95	21.0	1.27	-	-	-0.08	0.163	0.208
67	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant1	Hotspot	507000	2535	20.09	21.0	1.23	-	-	0.00	1.000	1.233
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	5mm	Ant1	Hotspot	507000	2535	19.95	21.0	1.27	-	-	-0.02	0.918	1.169
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant1	Hotspot	504000	2520	20.03	21.0	1.25	-	-	-0.01	0.885	1.106
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant1	Hotspot	510000	2550	20.07	21.0	1.24	-	-	-0.02	0.860	1.065
	FR1 n7	40M	QPSK	216	0	DFT-SCS-15KHz	Bottom Side	5mm	Ant1	Hotspot	507000	2550	19.96	21.0	1.27	-	-	0.01	0.811	1.030
Second supply	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant1	Hotspot	507000	2535	20.09	21.0	1.23	-	-	-0.03	0.773	0.953
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant4	Hotspot	507000	2535	15.28	16.0	1.18	-	-	0.00	0.139	0.164
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant4	Hotspot	507000	2535	15.27	16.0	1.18	-	-	0.06	0.191	0.226
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant4	Hotspot	507000	2535	15.28	16.0	1.18	-	-	0.01	0.315	0.372
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant4	Hotspot	507000	2535	15.27	16.0	1.18	-	-	0.04	0.331	0.392

	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	ANT5	Hotspot	633332	3499.98	15.73	16.0	1.06	-	-	-0.03	0.375	0.399
Second supply	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	ANT5	Hotspot	633332	3499.98	15.73	16.0	1.06	-	-	0.02	0.247	0.263
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	ANT11	Hotspot	633332	3499.98	18.18	19.0	1.21	-	-	-0.04	0.251	0.303
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	ANT11	Hotspot	633332	3499.98	18.01	19.0	1.26	-	-	-0.03	0.208	0.261
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	ANT11	Hotspot	633332	3499.98	18.18	19.0	1.21	-	-	-0.11	0.538	0.650
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	ANT11	Hotspot	633332	3499.98	18.01	19.0	1.26	-	-	0.00	0.437	0.549
70	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	ANT11	Hotspot	633332	3499.98	18.18	19.0	1.21	-	-	-0.04	0.958	1.157
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	ANT11	Hotspot	633332	3499.98	18.01	19.0	1.26	-	-	0.08	0.876	1.100
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	ANT11	Hotspot	633332	3499.98	18.18	19.0	1.21	-	-	0.04	0.227	0.274
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	ANT11	Hotspot	633332	3499.98	18.01	19.0	1.26	-	-	0.06	0.214	0.269
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	ANT11	Hotspot	633332	3499.98	18.04	19.0	1.25	-	-	-0.04	0.836	1.043
Second supply	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	ANT11	Hotspot	633332	3499.98	18.18	19.0	1.21	-	-	-0.02	0.639	0.772
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	ANT7	Hotspot	633332	3499.98	16.42	17.0	1.14	-	-	0.09	0.061	0.070
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	ANT7	Hotspot	633332	3499.98	16.14	17.0	1.22	-	-	-0.12	0.048	0.059
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	ANT7	Hotspot	633332	3499.98	16.42	17.0	1.14	-	-	0.03	0.130	0.149
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	ANT7	Hotspot	633332	3499.98	16.14	17.0	1.22	-	-	-0.10	0.081	0.099
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	ANT7	Hotspot	633332	3499.98	16.42	17.0	1.14	-	-	-0.15	0.241	0.275
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	ANT7	Hotspot	633332	3499.98	16.14	17.0	1.22	-	-	0.01	0.091	0.111
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	ANT7	Hotspot	633332	3499.98	16.42	17.0	1.14	-	-	0.01	0.071	0.081
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	ANT7	Hotspot	633332	3499.98	16.14	17.0	1.22	-	-	0.07	0.021	0.026
Second supply	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	ANT7	Hotspot	633332	3499.98	16.42	17.0	1.14	-	-	-0.02	0.082	0.094
	2450MHz																			
	Bluetooth	-	-	-	-	1Mbps	Front	5mm	ANT6	Full power	39	2441	12.88	13.5	1.15	76.54%	1.088	0.00	0.058	0.073
71	Bluetooth	-	-	-	-	1Mbps	Back	5mm	ANT6	Full power	39	2441	12.88	13.5	1.15	76.54%	1.088	-0.11	0.144	0.181
	Bluetooth	-	-	-	-	1Mbps	Right Side	5mm	ANT6	Full power	39	2441	12.88	13.5	1.15	76.54%	1.088	-0.13	0.033	0.041
	Bluetooth	-	-	-	-	1Mbps	Top Side	5mm	ANT6	Full power	39	2441	12.88	13.5	1.15	76.54%	1.088	0.01	0.132	0.166
Second supply	Bluetooth	-	-	-	-	1Mbps	Back	5mm	ANT6	Full power	39	2441	12.88	13.5	1.15	76.54%	1.088	0.01	0.074	0.093
	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Front	5mm	ANT6+8	Hotspot	6	2437	22.24	23.0	1.19	100%	1	-0.01	0.405	0.482
	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Back	5mm	ANT6+8	Hotspot	6	2437	22.24	23.0	1.19	100%	1	0.11	0.640	0.762
	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Right Side	5mm	ANT6+8	Hotspot	6	2437	22.24	23.0	1.19	100%	1	-0.06	0.629	0.749
72	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Top Side	5mm	ANT6+8	Hotspot	6	2437	22.24	23.0	1.19	100%	1	0.00	0.691	0.823
	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Top Side	5mm	ANT6+8	Hotspot	1	2412	20.20	21.0	1.20	100%	1	0.03	0.349	0.420
	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Top Side	5mm	ANT6+8	Hotspot	11	2462	21.65	22.5	1.22	100%	1	0.01	0.531	0.646
Second supply	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Top Side	5mm	ANT6+8	Hotspot	6	2437	22.24	23.0	1.19	100%	1	-0.06	0.688	0.820
	5250MHz																			
	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Front	5mm	ANT5+8	Hotspot	48	5240	15.32	16.0	1.17	100%	1	-0.02	0.339	0.396
	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Back	5mm	ANT5+8	Hotspot	48	5240	15.32	16.0	1.17	100%	1	0.14	0.494	0.578
	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Right Side	5mm	ANT5+8	Hotspot	48	5240	15.32	16.0	1.17	100%	1	-0.13	0.298	0.349
	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	5mm	ANT5+8	Hotspot	48	5240	15.32	16.0	1.17	100%	1	0.01	0.597	0.698
	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	5mm	ANT5+8	Hotspot	36	5180	15.32	16.0	1.17	100%	1	0.03	0.605	0.708
	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	5mm	ANT5+8	Hotspot	40	5200	15.23	16.0	1.19	100%	1	-0.10	0.600	0.716
73	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	5mm	ANT5+8	Hotspot	44	5220	14.93	16.0	1.28	100%	1	0.10	0.597	0.764
Second supply	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	5mm	ANT5+8	Hotspot	36	5180	15.31	16.0	1.17	100%	1	0.10	0.516	0.605

5750MHz																				
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Front	5mm	ANT5+8	Hotspot	157	5785	14.77	15.5	1.18	100%	1	-0.02	0.109	0.129
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Back	5mm	ANT5+8	Hotspot	157	5785	14.77	15.5	1.18	100%	1	-0.03	0.427	0.505
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Right Side	5mm	ANT5+8	Hotspot	157	5785	14.77	15.5	1.18	100%	1	-0.01	0.167	0.198
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Top Side	5mm	ANT5+8	Hotspot	157	5785	14.77	15.5	1.18	100%	1	0	0.752	0.890
74	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Top Side	5mm	ANT5+8	Hotspot	149	5745	14.76	15.0	1.06	100%	1	-0.11	0.876	0.926
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Top Side	5mm	ANT5+8	Hotspot	165	5825	13.84	15.0	1.31	100%	1	0.01	0.686	0.896
Second supply	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Top Side	5mm	ANT5+8	Hotspot	149	5745	14.76	15.0	1.06	100%	1	-0.01	0.611	0.646

Product Specific 10g SAR

Plot No.	Band	BW.	Modulation	RB Size	RB offset	Mode	Test Position	Gap(mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	Scaled Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift(dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
Product Specific 10g SAR Data																				
1750MHz																				
75	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant1	DSi6	1413	1732.6	23.13	24.0	1.22	-	-	-0.01	2.280	2.786
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant1	DSi6	1413	1732.6	23.13	24.0	1.22	-	-	-0.02	0.974	1.190
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant1	DSi6	1413	1732.6	23.13	24.0	1.22	-	-	0.02	1.840	2.248
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant1	DSi6	1312	1712.4	23.12	24.0	1.22	-	-	-0.06	1.700	2.082
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant1	DSi6	1513	1752.6	23.11	24.0	1.23	-	-	-0.05	1.900	2.332
Second supply	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant1	DSi6	1413	1732.6	23.13	24.0	1.22	-	-	-0.02	1.640	2.004
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	6mm	Ant1	DSi4	1413	1732.6	23.18	24.0	1.21	-	-	-0.10	0.741	0.895
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	7mm	Ant1	DSi4	1413	1732.6	23.18	24.0	1.21	-	-	-0.08	0.867	1.047
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant1	DSi4	1413	1732.6	23.18	24.0	1.21	-	-	-0.04	0.755	0.912
Second supply	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	4mm	Ant1	DSi4	1413	1732.6	23.18	24.0	1.21	-	-	-0.06	1.020	1.232
	LTE Band66	20M	QPSK	1	0	-	Front	0mm	Ant1	DSi6	132322	1745	22.88	23.5	1.15	-	-	-0.02	1.390	1.603
	LTE Band66	20M	QPSK	50	0	-	Front	0mm	Ant1	DSi6	132322	1745	21.99	23.0	1.26	-	-	0.01	1.420	1.792
	LTE Band66	20M	QPSK	1	0	-	Back	0mm	Ant1	DSi6	132322	1745	22.88	23.5	1.15	-	-	0.05	1.680	1.938
	LTE Band66	20M	QPSK	50	0	-	Back	0mm	Ant1	DSi6	132322	1745	21.99	23.0	1.26	-	-	-0.01	1.720	2.170
	LTE Band66	20M	QPSK	1	0	-	Right Side	0mm	Ant1	DSi6	132322	1745	22.88	23.5	1.15	-	-	-0.04	1.070	1.234
	LTE Band66	20M	QPSK	50	0	-	Right Side	0mm	Ant1	DSi6	132322	1745	21.99	23.0	1.26	-	-	-0.02	1.070	1.350
	LTE Band66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant1	DSi6	132322	1745	22.88	23.5	1.15	-	-	-0.08	1.730	1.995
76	LTE Band66	20M	QPSK	50	0	-	Bottom Side	0mm	Ant1	DSi6	132322	1745	21.99	23.0	1.26	-	-	0.01	2.060	2.599
	LTE Band66	20M	QPSK	50	0	-	Bottom Side	0mm	Ant1	DSi6	132072	1720	22.45	23.0	1.14	-	-	-0.15	1.150	1.305
	LTE Band66	20M	QPSK	50	0	-	Bottom Side	0mm	Ant1	DSi6	132572	1770	22.38	23.0	1.15	-	-	0.15	1.000	1.153
	LTE Band66	20M	QPSK	100	0	-	Bottom Side	0mm	Ant1	DSi6	132322	1745	22.03	23.0	1.25	-	-	0.10	0.400	0.500
Second supply	LTE Band66	20M	QPSK	50	0	-	Bottom Side	0mm	Ant1	DSi6	132322	1745	21.99	23.0	1.26	-	-	-0.04	1.520	1.918
	LTE Band66	20M	QPSK	50	0	-	Back	7mm	Ant1	DSi4	132322	1745	23.06	24.0	1.24	-	-	0.01	0.886	1.100
	LTE Band66	20M	QPSK	50	0	-	Bottom Side	10mm	Ant1	DSi4	132322	1745	23.06	24.0	1.24	-	-	0.00	0.697	0.865
	LTE Band66	20M	QPSK	50	0	-	Front	6mm	Ant1	DSi4	132572	1770	23.06	24.0	1.24	-	-	0.04	0.365	0.453
Second supply	LTE Band66	20M	QPSK	50	0	-	Front	4mm	Ant1	DSi4	132322	1745	21.58	22.5	1.24	-	-	0.10	0.666	0.823
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant4	DSi6	132322	1745	21.39	21.5	1.03	-	-	0.00	0.929	0.953
	LTE Band 66	20M	QPSK	50	0	-	Front	0mm	Ant4	DSi6	132322	1745	20.29	21.0	1.18	-	-	0.07	0.755	0.889
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant4	DSi6	132322	1745	21.39	21.5	1.03	-	-	-0.07	0.920	0.944
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant4	DSi6	132322	1745	20.29	21.0	1.18	-	-	-0.01	1.040	1.225
	LTE Band 66	20M	QPSK	1	0	-	Left Side	0mm	Ant4	DSi6	132322	1745	21.39	21.5	1.03	-	-	-0.02	0.616	0.632
	LTE Band 66	20M	QPSK	50	0	-	Left Side	0mm	Ant4	DSi6	132322	1745	20.29	21.0	1.18	-	-	-0.04	1.380	1.625
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant4	DSi6	132322	1745	21.39	21.5	1.03	-	-	-0.03	1.480	1.518
	LTE Band 66	20M	QPSK	50	0	-	Top Side	0mm	Ant4	DSi6	132322	1745	20.29	21.0	1.18	-	-	-0.08	0.924	1.088
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant4	DSi6	132072	1720	21.19	21.5	1.07	-	-	-0.04	1.680	1.804
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant4	DSi6	132572	1770	21.22	21.5	1.07	-	-	0.02	1.400	1.493
	LTE Band 66	20M	QPSK	100	0	-	Top Side	0mm	Ant4	DSi6	132072	1720	20.35	21.0	1.16	-	-	0.00	0.276	0.321
Second supply	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant4	DSi6	132072	1720	21.19	21.5	1.07	-	-	-0.01	1.670	1.794

	GSM1900	-	-	-	-	GPRS(2TX slots)	Right Side	0mm	Ant1	DSi6	661	1880	26.96	28.0	1.27	-	-	0.03	0.214	0.272
	GSM1900	-	-	-	-	GPRS(2TX slots)	Bottom Side	0mm	Ant1	DSi6	661	1880	26.96	28.0	1.27	-	-	-0.09	1.000	1.271
	GSM1900	-	-	-	-	GPRS(2TX slots)	Front	0mm	Ant1	DSi6	512	1850.2	26.91	28.0	1.29	-	-	0.03	1.560	2.005
78	GSM1900	-	-	-	-	GPRS(2TX slots)	Front	0mm	Ant1	DSi6	810	1909.8	26.88	28.0	1.29	-	-	0.01	1.580	2.045
Second supply	GSM1900	-	-	-	-	GPRS(2TX slots)	Front	0mm	Ant1	DSi6	810	1909.8	26.96	28.0	1.27	-	-	-0.02	1.080	1.372
	GSM1900	-	-	-	-	GPRS(1TX slots)	Front	6mm	Ant1	DSi4	661	1880	26.96	28.0	1.27	-	-	-0.10	0.427	0.543
	GSM1900	-	-	-	-	GPRS(1TX slots)	Back	7mm	Ant1	DSi4	661	1880	26.96	28.0	1.27	-	-	0.03	0.586	0.745
	GSM1900	-	-	-	-	GPRS(1TX slots)	Bottom Side	10mm	Ant1	DSi4	661	1880	26.96	28.0	1.27	-	-	0.10	0.368	0.468
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant1	DSi6	9400	1880	23.20	24.0	1.20	-	-	-0.01	2.180	2.621
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant1	DSi6	9400	1880	23.20	24.0	1.20	-	-	0.00	2.030	2.441
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Side	0mm	Ant1	DSi6	9400	1880	23.20	24.0	1.20	-	-	0.01	0.679	0.816
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant1	DSi6	9400	1880	23.20	24.0	1.20	-	-	-0.07	1.490	1.791
79	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant1	DSi6	9262	1852.4	23.18	24.0	1.21	-	-	-0.01	2.270	2.742
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant1	DSi6	9538	1907.6	23.16	24.0	1.21	-	-	-0.03	2.100	2.548
Second supply	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant1	DSi6	9262	1852.4	23.18	24.0	1.21	-	-	0.10	1.360	1.643
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	6mm	Ant1	DSi4	9262	1852.4	23.18	24.0	1.21	-	-	0.05	1.400	1.691
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	7mm	Ant1	DSi4	9400	1880	23.20	24.0	1.20	-	-	-0.04	1.080	1.298
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant1	DSi4	9400	1880	23.20	24.0	1.20	-	-	-0.01	0.798	0.959
Second supply	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	4mm	Ant1	DSi4	9400	1880	23.20	24.0	1.20	-	-	0.09	1.140	1.371
	LTE Band25	20M	QPSK	1	0	-	Front	0mm	Ant1	DSi6	26340	1880	22.78	23.5	1.18	-	-	-0.04	1.900	2.243
80	LTE Band25	20M	QPSK	50	0	-	Front	0mm	Ant1	DSi6	26340	1880	21.85	23.0	1.30	-	-	0.00	1.790	2.333
	LTE Band25	20M	QPSK	1	0	-	Back	0mm	Ant1	DSi6	26340	1880	22.78	23.5	1.18	-	-	-0.02	1.790	2.113
	LTE Band25	20M	QPSK	50	0	-	Back	0mm	Ant1	DSi6	26340	1880	21.85	23.0	1.30	-	-	0.02	1.650	2.150
	LTE Band25	20M	QPSK	1	0	-	Right Side	0mm	Ant1	DSi6	26340	1880	22.78	23.5	1.18	-	-	0.01	0.531	0.627
	LTE Band25	20M	QPSK	50	0	-	Right Side	0mm	Ant1	DSi6	26340	1880	21.85	23.0	1.30	-	-	0.11	0.503	0.655
	LTE Band25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant1	DSi6	26340	1880	22.78	23.5	1.18	-	-	-0.17	1.560	1.841
	LTE Band25	20M	QPSK	50	0	-	Bottom Side	0mm	Ant1	DSi6	26340	1880	21.85	23.0	1.30	-	-	-0.03	0.847	1.104
	LTE Band25	20M	QPSK	50	0	-	Front	0mm	Ant1	DSi6	26140	1860	22.00	23.0	1.26	-	-	0.12	0.916	1.153
	LTE Band25	20M	QPSK	50	0	-	Front	0mm	Ant1	DSi6	26590	1905	22.39	23.0	1.15	-	-	-0.14	0.990	1.139
	LTE Band25	20M	QPSK	100	0	-	Front	0mm	Ant1	DSi6	26590	1905	22.39	23.0	1.15	-	-	0.01	1.870	2.152
Second supply	LTE Band25	20M	QPSK	1	0	-	Front	0mm	Ant1	DSi6	26590	1905	22.39	23.0	1.15	-	-	0.10	1.260	1.450
	LTE Band25	20M	QPSK	1	0	-	Back	7mm	Ant1	DSi4	26340	1880	23.03	23.5	1.11	-	-	0.02	0.790	0.880
	LTE Band25	20M	QPSK	50	0	-	Front	6mm	Ant1	DSi4	26590	1905	22.19	22.5	1.07	-	-	0.04	0.906	0.973
Second supply	LTE Band25	20M	QPSK	50	0	-	Front	4mm	Ant1	DSi4	26340	1880	21.89	22.5	1.15	-	-	-0.08	1.050	1.208
	LTE Band25	20M	QPSK	1	0	-	Front	0mm	Ant4	DSi6	26340	1880	17.59	18.0	1.10	-	-	0.00	0.578	0.635
	LTE Band25	20M	QPSK	50	0	-	Front	0mm	Ant4	DSi6	26340	1880	16.95	18.0	1.27	-	-	-0.01	0.622	0.792
	LTE Band25	20M	QPSK	1	0	-	Back	0mm	Ant4	DSi6	26340	1880	17.59	18.0	1.10	-	-	0.00	0.580	0.637
	LTE Band25	20M	QPSK	50	0	-	Back	0mm	Ant4	DSi6	26340	1880	16.95	18.0	1.27	-	-	0.01	0.598	0.762
	LTE Band25	20M	QPSK	1	0	-	Left Side	0mm	Ant4	DSi6	26340	1880	17.59	18.0	1.10	-	-	-0.14	0.348	0.382
	LTE Band25	20M	QPSK	50	0	-	Left Side	0mm	Ant4	DSi6	26340	1880	16.95	18.0	1.27	-	-	0.15	0.380	0.484
	LTE Band25	20M	QPSK	1	0	-	Top Side	0mm	Ant4	DSi6	26340	1880	17.59	18.0	1.10	-	-	0.01	1.480	1.627
	LTE Band25	20M	QPSK	50	0	-	Top Side	0mm	Ant4	DSi6	26340	1880	16.95	18.0	1.27	-	-	0.00	1.500	1.910
	LTE Band25	20M	QPSK	50	0	-	Top Side	0mm	Ant4	DSi6	26140	1860	17.08	18.0	1.24	-	-	-0.02	1.680	2.076

	LTE Band25	20M	QPSK	50	0	-	Top Side	0mm	Ant4	DSI6	26590	1905	16.84	18.0	1.31	-	-	-0.01	1.540	2.012
	LTE Band25	20M	QPSK	100	0	-	Top Side	0mm	Ant4	DSI6	26140	1860	17.25	18.0	1.19	-	-	-0.01	1.490	1.771
Second supply	LTE Band25	20M	QPSK	1	0	-	Top Side	0mm	Ant4	DSI6	26140	1860	17.08	18.0	1.24	-	-	-0.03	1.040	1.285
	LTE Band25	20M	QPSK	50	0	-	Front	9mm	Ant4	DSI4	26340	1880	20.26	21.5	1.33	-	-	0.00	0.358	0.476
	LTE Band25	20M	QPSK	50	0	-	Back	15mm	Ant4	DSI4	26340	1880	20.26	21.5	1.33	-	-	0.03	0.279	0.371
	LTE Band25	20M	QPSK	50	0	-	Left Side	11mm	Ant4	DSI4	26340	1880	20.26	21.5	1.33	-	-	0.13	0.212	0.282
	LTE Band25	20M	QPSK	50	0	-	Top Side	13mm	Ant4	DSI4	26140	1860	20.44	21.5	1.28	-	-	0.03	0.500	0.638
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant1	DSI6	376000	1880	22.53	23.0	1.11	-	-	0.03	2.100	2.340
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	0mm	Ant1	DSI6	376000	1880	22.37	23.0	1.16	-	-	-0.04	2.130	2.463
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant1	DSI6	376000	1880	22.53	23.0	1.11	-	-	-0.07	0.978	1.090
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	0mm	Ant1	DSI6	376000	1880	22.37	23.0	1.16	-	-	0.08	1.680	1.942
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Right Side	0mm	Ant1	DSI6	376000	1880	22.53	23.0	1.11	-	-	-0.08	0.621	0.692
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Right Side	0mm	Ant1	DSI6	376000	1880	22.37	23.0	1.16	-	-	0.01	0.633	0.732
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant1	DSI6	376000	1880	22.53	23.0	1.11	-	-	0.03	1.550	1.727
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Bottom Side	0mm	Ant1	DSI6	376000	1880	22.37	23.0	1.16	-	-	-0.02	1.290	1.491
81	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	0mm	Ant1	DSI6	372000	1860	22.48	23.0	1.13	-	-	0.01	2.260	2.547
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	0mm	Ant1	DSI6	380000	1900	22.47	23.0	1.13	-	-	0.00	1.920	2.169
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Front	0mm	Ant1	DSI6	372000	1860	22.50	23.0	1.12	-	-	-0.04	1.170	1.313
	FR1 n2 Other PA	20M	QPSK	50	28	DFT-SCS-15KHz	Front	0mm	Ant1	DSI6	372000	1860	22.09	23.0	1.23	-	-	0.13	1.290	1.591
Second supply	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	0mm	Ant1	DSI6	372000	1860	22.48	23.0	1.13	-	-	-0.02	1.400	1.578
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	7mm	Ant1	DSI4	376000	1880	22.98	24.0	1.26	-	-	0.15	1.040	1.315
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	10mm	Ant1	DSI4	376000	1880	23.16	24.0	1.21	-	-	0.06	0.802	0.973
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	6mm	Ant1	DSI4	372000	1860	22.98	24.0	1.26	-	-	0.04	1.020	1.290
Second supply	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	4mm	Ant1	DSI4	376000	1880	22.98	24.0	1.26	-	-	0.03	1.230	1.556
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	ANT4	DSI6	376000	1880	19.01	19.5	1.12	-	-	-0.03	0.512	0.573
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	0mm	ANT4	DSI6	376000	1880	18.97	19.5	1.13	-	-	0.13	0.577	0.652
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	ANT4	DSI6	376000	1880	19.01	19.5	1.12	-	-	0.15	0.578	0.647
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	0mm	ANT4	DSI6	376000	1880	18.97	19.5	1.13	-	-	-0.06	0.684	0.773
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	ANT4	DSI6	376000	1880	19.01	19.5	1.12	-	-	-0.05	0.217	0.243
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Left Side	0mm	ANT4	DSI6	376000	1880	18.97	19.5	1.13	-	-	0.07	0.237	0.268
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	ANT4	DSI6	376000	1880	19.01	19.5	1.12	-	-	0.10	1.730	1.937
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Top Side	0mm	ANT4	DSI6	376000	1880	18.97	19.5	1.13	-	-	0.13	1.790	2.022
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Top Side	0mm	ANT4	DSI6	372000	1860	18.99	19.5	1.12	-	-	-0.02	1.780	2.002
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Top Side	0mm	ANT4	DSI6	380000	1900	19.00	19.5	1.12	-	-	-0.04	1.780	1.997
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Top Side	0mm	ANT4	DSI6	376000	1880	18.74	19.5	1.19	-	-	-0.01	1.650	1.966
	FR1 n2 Other PA	20M	QPSK	50	28	DFT-SCS-15KHz	Top Side	0mm	ANT4	DSI6	376000	1880	18.74	19.5	1.19	-	-	-0.06	1.660	1.977
	FR1 n2 Other PA	20M	QPSK	50	28	DFT-SCS-15KHz	Top Side	0mm	ANT4	DSI6	376000	1880	17.07	17.5	1.10	-	-	-0.01	1.820	2.009
Second supply	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Top Side	0mm	ANT4	DSI6	376000	1880	18.97	19.5	1.13	-	-	0.09	1.270	1.435
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	9mm	ANT4	DSI4	376000	1880	23.13	24.0	1.22	-	-	0.05	0.253	0.309
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	15mm	ANT4	DSI4	376000	1880	23.13	24.0	1.22	-	-	0.03	0.183	0.224
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Left Side	11mm	ANT4	DSI4	376000	1880	23.13	24.0	1.22	-	-	0.00	0.146	0.178
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Top Side	13mm	ANT4	DSI4	376000	1880	23.13	24.0	1.22	-	-	0.06	0.324	0.396
	2600MHz																			
	LTE Band7	20M	QPSK	1	0	-	Front	0mm	Ant1	DSI6	21100	2535	22.42	23.0	1.14	-	-	0.03	0.692	0.791

	LTE Band7	20M	QPSK	50	0	-	Front	0mm	Ant1	DSI6	21100	2535	22.02	23.0	1.25	-	-	0.15	0.670	0.840
	LTE Band7	20M	QPSK	1	0	-	Back	0mm	Ant1	DSI6	21100	2535	22.42	23.0	1.14	-	-	0.04	0.428	0.489
	LTE Band7	20M	QPSK	50	0	-	Back	0mm	Ant1	DSI6	21100	2535	22.02	23.0	1.25	-	-	0.04	0.456	0.571
	LTE Band7	20M	QPSK	1	0	-	Right Side	0mm	Ant1	DSI6	21100	2535	22.42	23.0	1.14	-	-	0.10	0.453	0.518
	LTE Band7	20M	QPSK	50	0	-	Right Side	0mm	Ant1	DSI6	21100	2535	22.02	23.0	1.25	-	-	0.06	0.440	0.551
	LTE Band7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant1	DSI6	21100	2535	22.42	23.0	1.14	-	-	0.01	2.300	2.629
	LTE Band7	20M	QPSK	50	0	-	Bottom Side	0mm	Ant1	DSI6	21100	2535	22.02	23.0	1.25	-	-	0.01	2.210	2.769
	LTE Band7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant1	DSI6	20850	2510	22.37	23.0	1.16	-	-	-0.02	2.170	2.509
82	LTE Band7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant1	DSI6	21350	2560	22.15	23.0	1.22	-	-	-0.01	2.370	2.882
	LTE Band7	20M	QPSK	100	0	-	Bottom Side	0mm	Ant1	DSI6	21350	2560	22.32	23.0	1.17	-	-	-0.01	2.370	2.772
	LTE Band7C 1@99 1@0	20M	QPSK	1	99	-	Bottom Side	0mm	Ant1	DSI6	21100+ 21298	2535+ 2554.8	21.53	22.0	1.11	-	-	-0.05	1.960	2.184
Second supply	LTE Band7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant1	DSI6	21350	2560	22.42	23.0	1.14	-	-	0.04	2.300	2.629
	LTE Band7	20M	QPSK	50	0	-	Front	6mm	Ant1	DSI4	21100	2535	23.28	24.0	1.18	-	-	0.03	0.598	0.706
	LTE Band7	20M	QPSK	50	0	-	Back	7mm	Ant1	DSI4	21100	2535	23.28	24.0	1.18	-	-	0.01	0.688	0.812
	LTE Band7	20M	QPSK	1	0	-	Bottom Side	10mm	Ant1	DSI4	20850	2510	23.28	24.0	1.18	-	-	-0.07	0.512	0.604
Second supply	LTE Band7	20M	QPSK	50	0	-	Front	4mm	Ant1	DSI4	21100	2535	23.28	24.0	1.18	-	-	-0.12	0.715	0.844
	LTE Band7	20M	QPSK	1	0	-	Front	0mm	Ant4	DSI6	21100	2535	19.79	20.5	1.18	-	-	0.01	0.719	0.847
	LTE Band7	20M	QPSK	50	0	-	Front	0mm	Ant4	DSI6	21100	2535	19.66	20.0	1.08	-	-	0.03	0.594	0.642
	LTE Band7	20M	QPSK	1	0	-	Back	0mm	Ant4	DSI6	21100	2535	19.79	20.5	1.18	-	-	-0.02	0.602	0.709
	LTE Band7	20M	QPSK	50	0	-	Back	0mm	Ant4	DSI6	21100	2535	19.66	20.0	1.08	-	-	-0.12	0.527	0.570
	LTE Band7	20M	QPSK	1	0	-	Left Side	0mm	Ant4	DSI6	21100	2535	19.79	20.5	1.18	-	-	-0.11	0.185	0.218
	LTE Band7	20M	QPSK	50	0	-	Left Side	0mm	Ant4	DSI6	21100	2535	19.66	20.0	1.08	-	-	-0.03	0.174	0.188
	LTE Band7	20M	QPSK	1	0	-	Top Side	0mm	Ant4	DSI6	21100	2535	19.79	20.5	1.18	-	-	-0.07	1.660	1.955
	LTE Band7	20M	QPSK	50	0	-	Top Side	0mm	Ant4	DSI6	21100	2535	19.66	20.0	1.08	-	-	0.04	1.690	1.828
	LTE Band7	20M	QPSK	50	0	-	Top Side	0mm	Ant4	DSI6	20850	2510	19.65	20.0	1.08	-	-	0.02	1.890	2.049
	LTE Band7	20M	QPSK	50	0	-	Top Side	0mm	Ant4	DSI6	21350	2560	19.73	20.0	1.06	-	-	0.02	1.610	1.713
	LTE Band7	20M	QPSK	100	0	-	Top Side	0mm	Ant4	DSI6	20850	2510	19.72	20.0	1.07	-	-	-0.08	1.780	1.899
Second supply	LTE Band7	20M	QPSK	50	0	-	Top Side	0mm	Ant4	DSI6	20850	2510	19.65	20.0	1.08	-	-	0.12	0.701	0.760
	LTE Band7	20M	QPSK	1	0	-	Front	9mm	Ant4	DSI4	21100	2535	23.49	24.0	1.12	-	-	0.11	0.267	0.300
	LTE Band7	20M	QPSK	1	0	-	Back	15mm	Ant4	DSI4	21100	2535	23.49	24.0	1.12	-	-	0.14	0.180	0.202
	LTE Band7	20M	QPSK	1	0	-	Left Side	11mm	Ant4	DSI4	21100	2535	23.49	24.0	1.12	-	-	0.00	0.078	0.088
	LTE Band7	20M	QPSK	50	0	-	Top Side	13mm	Ant4	DSI4	20850	2510	21.29	23.0	1.48	-	-	0.07	0.478	0.709
	LTE Band41	20M	QPSK	1	0	-	Front	0mm	Ant1	DSI6	40620	2593	23.19	24.0	1.21	62.9%	1.006	0.10	0.906	1.098
	LTE Band41	20M	QPSK	50	0	-	Front	0mm	Ant1	DSI6	40620	2593	21.93	23.0	1.28	62.9%	1.006	-0.10	0.522	0.672
	LTE Band41	20M	QPSK	1	0	-	Back	0mm	Ant1	DSI6	40620	2593	23.19	24.0	1.21	62.9%	1.006	-0.14	1.500	1.818
	LTE Band41	20M	QPSK	50	0	-	Back	0mm	Ant1	DSI6	40620	2593	21.93	23.0	1.28	62.9%	1.006	-0.04	0.934	1.202
	LTE Band41	20M	QPSK	1	0	-	Right Side	0mm	Ant1	DSI6	40620	2593	23.19	24.0	1.21	62.9%	1.006	-0.14	0.370	0.449
	LTE Band41	20M	QPSK	50	0	-	Right Side	0mm	Ant1	DSI6	40620	2593	21.93	23.0	1.28	62.9%	1.006	-0.05	0.229	0.295
	LTE Band41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant1	DSI6	40620	2593	23.19	24.0	1.21	62.9%	1.006	-0.01	1.200	1.455
	LTE Band41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant1	DSI6	40620	2593	21.93	23.0	1.28	62.9%	1.006	-0.10	0.893	1.149
	LTE Band41	20M	QPSK	1	0	-	Back	0mm	Ant1	DSI6	39750	2506	22.12	24.0	1.54	62.9%	1.006	0.12	0.705	1.093
	LTE Band41	20M	QPSK	1	0	-	Back	0mm	Ant1	DSI6	40185	2549.5	22.92	24.0	1.28	62.9%	1.006	-0.06	0.706	0.911
	LTE Band41	20M	QPSK	1	0	-	Back	0mm	Ant1	DSI6	41055	2636.5	23.04	24.0	1.25	62.9%	1.006	0.13	0.797	1.000
	LTE Band41	20M	QPSK	1	0	-	Back	0mm	Ant1	DSI6	41490	2680	23.07	24.0	1.24	62.9%	1.006	0.04	0.794	0.990

	LTE Band41	20M	QPSK	100	0	-	Back	0mm	Ant1	DSI6	40620	2593	22.02	23.0	1.25	62.9%	1.006	-0.04	0.680	0.857
	LTE Band41C 1@99 1@0	20M	QPSK	1	99	-	Back	0mm	Ant1	DSI6	40620+	2593+	22.74	23.0	1.06	62.9%	1.006	0.07	0.633	0.676
Second supply	LTE Band41	20M	QPSK	1	0	-	Back	0mm	Ant1	DSI6	40620	2593	22.45	23.0	1.14	62.9%	1.006	-0.15	1.330	1.519
	LTE Band41	20M	QPSK	1	0	-	Front	6mm	Ant1	DSI4	40620	2593	23.19	24.0	1.21	62.9%	1.006	-0.03	0.165	0.200
	LTE Band41	20M	QPSK	1	0	-	Back	7mm	Ant1	DSI4	40620	2593	23.19	24.0	1.21	62.9%	1.006	-0.06	0.235	0.285
	LTE Band41	20M	QPSK	1	0	-	Bottom Side	10mm	Ant1	DSI4	40620	2593	23.19	24.0	1.21	62.9%	1.006	-0.06	0.212	0.257
	LTE Band41	20M	QPSK	1	0	-	Front	0mm	Ant4	DSI6	40620	2593	19.86	21.0	1.30	62.9%	1.006	0.13	0.743	0.972
	LTE Band41	20M	QPSK	50	0	-	Front	0mm	Ant4	DSI6	40620	2593	19.70	21.0	1.35	62.9%	1.006	0.00	0.743	1.008
	LTE Band41	20M	QPSK	1	0	-	Back	0mm	Ant4	DSI6	40620	2593	19.86	21.0	1.30	62.9%	1.006	0.03	0.590	0.772
	LTE Band41	20M	QPSK	50	0	-	Back	0mm	Ant4	DSI6	40620	2593	19.70	21.0	1.35	62.9%	1.006	-0.13	0.535	0.726
	LTE Band41	20M	QPSK	1	0	-	Left Side	0mm	Ant4	DSI6	40620	2593	19.86	21.0	1.30	62.9%	1.006	-0.05	0.205	0.268
	LTE Band41	20M	QPSK	50	0	-	Left Side	0mm	Ant4	DSI6	40620	2593	19.70	21.0	1.35	62.9%	1.006	0.06	0.235	0.319
	LTE Band41	20M	QPSK	1	0	-	Top Side	0mm	Ant4	DSI6	40620	2593	19.86	21.0	1.30	62.9%	1.006	0.02	1.310	1.713
	LTE Band41	20M	QPSK	50	0	-	Top Side	0mm	Ant4	DSI6	40620	2593	19.70	21.0	1.35	62.9%	1.006	0.07	1.260	1.710
	LTE Band41	20M	QPSK	1	0	-	Top Side	0mm	Ant4	DSI6	39750	2506	19.75	21.0	1.33	62.9%	1.006	-0.07	1.710	2.294
83	LTE Band41	20M	QPSK	1	0	-	Top Side	0mm	Ant4	DSI6	40185	2549.5	19.71	21.0	1.35	62.9%	1.006	0.06	1.780	2.410
	LTE Band41	20M	QPSK	1	0	-	Top Side	0mm	Ant4	DSI6	41055	2636.5	19.78	21.0	1.32	62.9%	1.006	0.07	1.020	1.359
	LTE Band41	20M	QPSK	1	0	-	Top Side	0mm	Ant4	DSI6	41490	2680	19.76	21.0	1.33	62.9%	1.006	-0.01	0.690	0.924
	LTE Band41	20M	QPSK	100	0	-	Top Side	0mm	Ant4	DSI6	40185	2549.5	18.41	19.0	1.15	62.9%	1.006	0.03	1.500	1.729
Second supply	LTE Band41	20M	QPSK	1	0	-	Top Side	0mm	Ant4	DSI6	40185	2549.5	19.71	21.0	1.35	62.9%	1.006	-0.05	1.070	1.449
	LTE Band41	20M	QPSK	50	0	-	Front	9mm	Ant4	DSI4	40620	2593	22.45	23.0	1.14	62.9%	1.006	0.13	0.261	0.298
	LTE Band41	20M	QPSK	1	0	-	Back	15mm	Ant4	DSI4	40620	2593	22.45	23.0	1.14	62.9%	1.006	-0.01	0.217	0.248
	LTE Band41	20M	QPSK	50	0	-	Left Side	11mm	Ant4	DSI4	40620	2593	22.45	23.0	1.14	62.9%	1.006	0.13	0.082	0.094
	LTE Band41	20M	QPSK	1	0	-	Top Side	13mm	Ant4	DSI4	40185	2549.5	22.45	23.0	1.14	62.9%	1.006	0.15	0.004	0.005
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant1	DSI6	507000	2535	21.12	21.5	1.09	-	-	0.13	1.760	1.921
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Front	0mm	Ant1	DSI6	507000	2535	20.87	21.5	1.16	-	-	0.15	1.580	1.827
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant1	DSI6	507000	2535	21.12	21.5	1.09	-	-	0.09	1.890	2.063
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Back	0mm	Ant1	DSI6	507000	2535	20.87	21.5	1.16	-	-	0.05	1.850	2.139
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Right Side	0mm	Ant1	DSI6	507000	2535	21.12	21.5	1.09	-	-	-0.06	0.414	0.452
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Right Side	0mm	Ant1	DSI6	507000	2535	20.87	21.5	1.16	-	-	0.09	0.541	0.625
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant1	DSI6	507000	2535	21.12	21.5	1.09	-	-	0.06	2.460	2.685
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	0mm	Ant1	DSI6	507000	2535	20.87	21.5	1.16	-	-	0.14	2.320	2.682
84	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant1	DSI6	504000	2520	21.03	21.5	1.11	-	-	-0.03	2.540	2.830
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant1	DSI6	510000	2550	21.02	21.5	1.12	-	-	-0.02	2.280	2.546
	FR1 n7	40M	QPSK	216	0	DFT-SCS-15KHz	Bottom Side	0mm	Ant1	DSI6	504000	2520	21.10	21.5	1.10	-	-	0.05	2.440	2.675
Second supply	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant1	DSI6	504000	2520	21.12	21.5	1.09	-	-	0.02	2.370	2.587
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	6mm	Ant1	DSI4	507000	2535	22.32	23.0	1.17	-	-	-0.08	0.537	0.628
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Back	7mm	Ant1	DSI4	507000	2535	22.30	23.0	1.17	-	-	-0.09	0.649	0.763
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	10mm	Ant1	DSI4	504000	2520	22.32	23.0	1.17	-	-	0.03	0.034	0.040
Second supply	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	4mm	Ant1	DSI4	507000	2535	22.32	23.0	1.17	-	-	0.02	0.641	0.750
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant4	DSI6	507000	2535	18.82	19.5	1.17	-	-	0.02	0.628	0.734
	FR1 n7	40M	QPSK	108	54	DFT-SCS-15KHz	Front	0mm	Ant4	DSI6	507000	2535	18.60	19.5	1.23	-	-	-0.09	0.693	0.853
	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant4	DSI6	507000	2535	18.82	19.5	1.17	-	-	0.05	0.636	0.744

	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	ANT2	DSI6	633332	3499.98	19.50	20.0	1.12	-	-	-0.09	0.813	0.912
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	ANT2	DSI6	633332	3499.98	19.60	20.0	1.10	-	-	0.04	0.912	1.000
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	ANT2	DSI6	633332	3499.98	19.50	20.0	1.12	-	-	0.12	0.871	0.977
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	ANT2	DSI6	633332	3499.98	19.60	20.0	1.10	-	-	0.03	1.890	2.072
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	ANT2	DSI6	633332	3499.98	19.50	20.0	1.12	-	-	-0.07	1.800	2.020
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	ANT2	DSI6	633332	3499.98	19.60	20.0	1.10	-	-	-0.13	0.157	0.172
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	ANT2	DSI6	633332	3499.98	19.50	20.0	1.12	-	-	-0.10	0.180	0.202
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	0mm	ANT2	DSI6	633332	3499.98	19.40	20.0	1.15	-	-	-0.05	1.920	2.204
Second supply	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	0mm	ANT2	DSI6	633332	3499.98	19.40	20.0	1.15	-	-	0.10	1.180	1.355
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	ANT11	DSI6	633332	3499.98	20.30	21.0	1.17	-	-	0.09	0.79	0.928
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	ANT11	DSI6	633332	3499.98	20.28	21.0	1.18	-	-	-0.03	0.666	0.786
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	ANT11	DSI6	633332	3499.98	20.30	21.0	1.17	-	-	0.08	1.7	1.997
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	ANT11	DSI6	633332	3499.98	20.28	21.0	1.18	-	-	0.03	1.66	1.959
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	ANT11	DSI6	633332	3499.98	20.30	21.0	1.17	-	-	-0.04	2.37	2.785
87	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	ANT11	DSI6	633332	3499.98	20.28	21.0	1.18	-	-	0.01	2.52	2.974
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	0mm	ANT11	DSI6	633332	3499.98	20.30	21.0	1.17	-	-	-0.09	0.423	0.497
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	0mm	ANT11	DSI6	633332	3499.98	20.28	21.0	1.18	-	-	0.12	0.366	0.432
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	0mm	ANT11	DSI6	633332	3499.98	20.18	21.0	1.21	-	-	-0.12	0.21	0.254
Second supply	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	ANT11	DSI6	633332	3499.98	20.28	21.0	1.18	-	-	-0.11	1.75	2.066
5250MHz																				
	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Front	0mm	ANT5+8	Standalone	48	5240	21.28	22.0	1.18	100%	1	0.02	0.484	0.571
	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Back	0mm	ANT5+8	Standalone	48	5240	21.28	22.0	1.18	100%	1	-0.10	0.759	0.896
	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Right Side	0mm	ANT5+8	Standalone	48	5240	21.28	22.0	1.18	100%	1	-0.02	0.610	0.720
	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	Standalone	48	5240	21.28	22.0	1.18	100%	1	-0.11	0.905	1.068
	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	Standalone	36	5180	19.56	20.5	1.24	100%	1	0.08	0.804	0.998
	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	Standalone	40	5200	21.11	22.0	1.23	100%	1	-0.09	0.831	1.020
88	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	Standalone	44	5220	20.94	22.0	1.28	100%	1	-0.13	0.961	1.227
	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Front	0mm	ANT5+8	simultaneous	44	5220	19.89	21.0	1.29	100%	1	-0.13	0.369	0.476
	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Back	0mm	ANT5+8	simultaneous	44	5220	19.89	21.0	1.29	100%	1	0.12	0.590	0.762
	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Right Side	0mm	ANT5+8	simultaneous	44	5220	19.89	21.0	1.29	100%	1	-0.13	0.527	0.680
	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	simultaneous	44	5220	19.89	21.0	1.29	100%	1	-0.15	0.668	0.863
Second supply	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	Standalone	44	5220	20.94	22.0	1.28	100%	1	-0.01	0.956	1.220
	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Back	7mm	ANT5+8	Full power	44	5220	20.94	22.0	1.28	100%	1	0.00	0.108	0.138
	WLAN5.2GHz	-	-	-	-	802.11n-HT20 MCS0	Top	12mm	ANT5+8	Full power	44	5220	20.94	22.0	1.28	100%	1	0.08	0.121	0.154
5300MHz																				
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Front	0mm	ANT5+8	Standalone	60	5300	21.24	22.0	1.19	100%	1	0.09	0.553	0.659
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Back	0mm	ANT5+8	Standalone	60	5300	21.24	22.0	1.19	100%	1	0.11	0.714	0.851
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Right Side	0mm	ANT5+8	Standalone	60	5300	21.24	22.0	1.19	100%	1	0.09	0.719	0.857
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	Standalone	60	5300	21.24	22.0	1.19	100%	1	-0.01	0.915	1.090
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	Standalone	52	5260	20.79	21.0	1.05	100%	1	-0.08	0.989	1.038
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	Standalone	56	5280	21.10	22.0	1.23	100%	1	-0.06	0.913	1.123
89	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	Standalone	64	5320	20.94	22.0	1.28	100%	1	-0.10	0.934	1.192
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Front	0mm	ANT5+8	simultaneous	52	5260	19.12	20.0	1.22	100%	1	0.10	0.353	0.432
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Back	0mm	ANT5+8	simultaneous	52	5260	19.12	20.0	1.22	100%	1	-0.11	0.599	0.734
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Right Side	0mm	ANT5+8	simultaneous	52	5260	19.12	20.0	1.22	100%	1	0.02	0.547	0.670

	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	simultaneous	52	5260	19.12	20.0	1.22	100%	1	-0.02	0.630	0.772
Second supply	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	Standalone	64	5320	20.94	22.0	1.28	100%	1	-0.13	0.862	1.100
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Front	3mm	ANT5+8	Full power	64	5320	20.94	22.0	1.28	100%	1	0.03	0.159	0.203
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Back	7mm	ANT5+8	Full power	64	5320	20.94	22.0	1.28	100%	1	0.01	0.158	0.202
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Right Side	5mm	ANT5+8	Full power	64	5320	20.94	22.0	1.28	100%	1	-0.09	0.239	0.305
	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	12mm	ANT5+8	Full power	64	5320	20.94	22.0	1.28	100%	1	0.12	0.133	0.170
5600MHz																				
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Front	0mm	ANT5+8	Standalone	100	5500	21.33	22.0	1.17	100%	1	0.09	0.670	0.782
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Back	0mm	ANT5+8	Standalone	100	5500	21.33	22.0	1.17	100%	1	0.15	0.834	0.973
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Right Side	0mm	ANT5+8	Standalone	100	5500	21.33	22.0	1.17	100%	1	0.04	0.552	0.644
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	Standalone	100	5500	21.33	22.0	1.17	100%	1	0.02	1.860	2.170
90	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	Standalone	116	5580	20.75	21.5	1.19	100%	1	-0.07	2.150	2.555
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	Standalone	124	5620	20.71	21.5	1.20	100%	1	0.11	2.020	2.423
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	Standalone	132	5660	20.71	21.5	1.20	100%	1	-0.13	1.970	2.363
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	Standalone	140	5700	18.20	19.0	1.20	100%	1	0.02	1.740	2.090
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	Standalone	144	5720	20.96	21.5	1.13	100%	1	0.05	1.950	2.207
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Front	0mm	ANT5+8	simultaneous	116	5580	15.15	16.0	1.22	100%	1	0.03	0.245	0.298
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Back	0mm	ANT5+8	simultaneous	116	5580	15.15	16.0	1.22	100%	1	-0.08	0.327	0.398
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Right Side	0mm	ANT5+8	simultaneous	116	5580	15.15	16.0	1.22	100%	1	-0.03	0.167	0.203
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	simultaneous	116	5580	15.15	16.0	1.22	100%	1	0.05	0.743	0.904
Second supply	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	Standalone	116	5580	20.75	21.5	1.19	100%	1	0.04	2.090	2.484
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Front	3mm	ANT5+8	Full power	100	5500	21.33	22.0	1.17	100%	1	0.12	0.179	0.209
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Back	7mm	ANT5+8	Full power	100	5500	21.33	22.0	1.17	100%	1	0.13	0.264	0.308
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Right Side	5mm	ANT5+8	Full power	100	5500	21.33	22.0	1.17	100%	1	0.10	0.116	0.135
	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	12mm	ANT5+8	Full power	116	5580	20.75	21.5	1.19	100%	1	0.08	0.325	0.386
5750MHz																				
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Front	0mm	ANT5+8	Standalone	157	5785	21.11	22.0	1.23	100%	1	-0.14	0.715	0.878
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Back	0mm	ANT5+8	Standalone	157	5785	21.11	22.0	1.23	100%	1	-0.03	0.778	0.955
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Right Side	0mm	ANT5+8	Standalone	157	5785	21.11	22.0	1.23	100%	1	0.07	0.484	0.594
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Top Side	0mm	ANT5+8	Standalone	157	5785	21.11	22.0	1.23	100%	1	-0.06	2.410	2.958
91	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Top Side	0mm	ANT5+8	Standalone	149	5745	20.69	21.5	1.21	100%	1	0.00	2.500	3.013
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Top Side	0mm	ANT5+8	Standalone	165	5825	20.43	21.0	1.14	100%	1	-0.15	2.210	2.520
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Back	0mm	ANT5+8	simultaneous	149	5745	15.71	16.5	1.20	100%	1	-0.01	0.247	0.296
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Top Side	0mm	ANT5+8	simultaneous	149	5745	15.71	16.5	1.20	100%	1	-0.14	0.652	0.782
Second supply	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Top Side	0mm	ANT5+8	Standalone	149	5745	20.69	21.5	1.21	100%	1	-0.09	2.020	2.434
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Back	12mm	ANT5+8	Full power	149	5745	20.69	21.5	1.21	100%	1	0.03	0.121	0.146
	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Top Side	12mm	ANT5+8	Full power	149	5745	20.69	21.5	1.21	100%	1	0.08	0.261	0.315

Repeated SAR

<1g SAR>

Plot No.	Band	BW.	Modulation	RB Size	RB offset	Mode	Test Position	Gap(mm)	Antenna	Headset	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	Scaled Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift(dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Ratio
1st	LTE Band12	10M	QPSK	1	0	-	Back	5mm	Ant0	-	Hotspot	23130	711	23.19	24.0	1.21	-	-	-0.04	0.869	1.047	
2nd	LTE Band12	10M	QPSK	1	0	-	Back	5mm	Ant0	-	Hotspot	23130	711	23.19	24.0	1.21	-	-	-0.07	0.857	1.033	1.014
1st	FR1 n5	25M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	ANT0	-	Hotspot	167300	836.5	23.18	24.0	1.21	-	-	-0.04	1.010	1.220	
2nd	FR1 n5	25M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	ANT0	-	Hotspot	167300	836.5	23.18	24.0	1.21	-	-	-0.06	0.942	1.138	1.072
1st	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant1	Headset	DSI3	1513	1752.6	21.16	22.0	1.21	-	-	-0.03	1.050	1.274	
2nd	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant1	Headset	DSI3	1513	1752.6	21.16	22.0	1.21	-	-	0.02	0.977	1.185	1.075
1st	LTE Band25	20M	QPSK	100	0	-	Bottom Side	5mm	Ant1	-	Hotspot	26340	1880	20.41	21.5	1.29	-	-	0.00	1.010	1.298	
2nd	LTE Band25	20M	QPSK	100	0	-	Bottom Side	5mm	Ant1	-	Hotspot	26340	1880	20.41	21.5	1.29	-	-	0.01	0.945	1.215	1.069
1st	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant1	-	DSI3	376000	1880	20.15	21.0	1.22	-	-	-0.02	1.010	1.228	
2nd	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant1	-	DSI3	376000	1880	20.15	21.0	1.22	-	-	0.05	0.950	1.155	1.063
1st	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant1	-	Hotspot	507000	2535	20.09	21.0	1.23	-	-	0.00	1.000	1.233	
2nd	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant1	-	Hotspot	507000	2535	20.09	21.0	1.23	-	-	-0.05	0.930	1.147	1.075
1st	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant1	-	Hotspot	528000	2640	19.41	20.0	1.15	-	-	-0.02	1.040	1.191	
2nd	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant1	-	Hotspot	528000	2640	19.41	20.0	1.15	-	-	-0.11	0.970	1.111	1.072
1st	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	ANT11	-	DSI3	633332	3499.98	21.59	22.0	1.10	-	-	-0.08	0.971	1.067	
2nd	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	ANT11	-	DSI3	633332	3499.98	21.59	22.0	1.10	-	-	0.11	0.962	1.057	1.009
1st	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Cheek	0mm	ANT6+8	-	Standalone	6	2437	22.24	23.0	1.19	100%	1	-0.04	1.020	1.215	
2nd	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Cheek	0mm	ANT6+8	-	Standalone	6	2437	22.24	23.0	1.19	100%	1	-0.04	0.933	1.111	1.093
1st	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Left Tilted	0mm	ANT5+8	-	Standalone	64	5320	20.00	21.0	1.26	100%	1	-0.03	0.866	1.090	
2nd	WLAN5.3GHz	-	-	-	-	802.11n-HT20 MCS0	Left Tilted	0mm	ANT5+8	-	Standalone	64	5320	20.00	21.0	1.26	100%	1	0.05	0.857	1.079	1.011
1st	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Left Tilted	0mm	ANT5+8	-	Standalone	132	5660	15.43	16.5	1.28	100%	1	-0.04	0.842	1.077	
2nd	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Left Tilted	0mm	ANT5+8	-	Standalone	132	5660	15.43	16.5	1.28	100%	1	0.02	0.835	1.068	1.008
1st	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Left Tilted	0mm	ANT5+8	-	Standalone	149	5745	17.66	18.5	1.21	100%	1	-0.08	0.938	1.138	
2nd	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Left Tilted	0mm	ANT5+8	-	Standalone	149	5745	17.66	18.5	1.21	100%	1	0.05	0.926	1.124	1.013

<10g SAR>

Plot No.	Band	BW.	Modulation	RB Size	RB offset	Mode	Test Position	Gap(mm)	Antenna	Headset	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-up Limit (dBm)	Scaled Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift(dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)	Ratio
1st	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	0mm	Ant1	-	DSI6	349000	1745	23.00	23.5	1.12	-	-	0.01	2.430	2.727	
2nd	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	0mm	Ant1	-	DSI6	349000	1745	23.00	23.5	1.12	-	-	-0.10	2.350	2.637	1.034
1st	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant1	-	DSI6	9262	1852.4	23.18	24.0	1.21	-	-	-0.01	2.270	2.742	
2nd	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant1	-	DSI6	9262	1852.4	23.18	24.0	1.21	-	-	0.02	2.200	2.657	1.032
1st	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant1	-	DSI6	504000	2520	21.03	21.5	1.11	-	-	-0.03	2.540	2.830	
2nd	FR1 n7	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant1	-	DSI6	504000	2520	21.03	21.5	1.11	-	-	0.05	2.470	2.752	1.028
1st	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	0mm	Ant1	-	DSI6	518598	2592.99	22.00	23.0	1.26	-	-	0.02	2.270	2.858	
2nd	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	0mm	Ant1	-	DSI6	518598	2592.99	22.00	23.0	1.26	-	-	-0.04	2.190	2.757	1.037
1st	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	ANT11	-	DSI6	633332	3499.98	20.28	21.0	1.18	-	-	0.01	2.520	2.974	
2nd	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	ANT11	-	DSI6	633332	3499.98	20.28	21.0	1.18	-	-	0.03	2.460	2.904	1.024
1st	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	-	Standalone	116	5580	20.75	21.5	1.19	100%	1	-0.07	2.150	2.555	
2nd	WLAN5.5GHz	-	-	-	-	802.11n-HT20 MCS0	Top Side	0mm	ANT5+8	-	Standalone	116	5580	20.75	21.5	1.19	100%	1	-0.12	2.070	2.460	1.039
1st	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Top Side	0mm	ANT5+8	-	Standalone	149	5745	20.69	21.5	1.21	100%	1	0.00	2.500	3.013	
2nd	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Top Side	0mm	ANT5+8	-	Standalone	149	5745	20.69	21.5	1.21	100%	1	-0.05	2.420	2.916	1.033



Appendix B-2

Plots of High SAR Test Results

01 Measurement Report for XT2429-1, CHEEK, Band 12, UID 10175 CAH, Channel 23130 (711.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	CHEEK, 0.00	Band 12	LTE-FDD, 10175-CAH	711.000, 23130	9.1	0.862	41.9

Hardware Setup

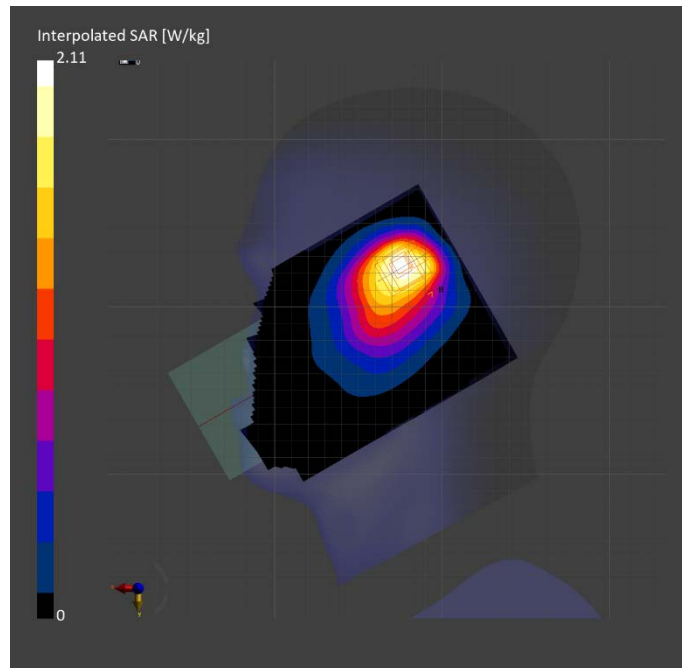
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL750 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-18, 09:56	2024-02-18, 09:20
psSAR1g [W/kg]	0.614	0.739
psSAR10g [W/kg]	0.400	0.389
Power Drift [dB]	-0.05	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		62.5
Dist 3dB Peak [mm]		7.1



02 Measurement Report for XT2429-1, CHEEK, Band 13, UID 10175 CAH, Channel 23230 (782.000MHz)

Device under Test Properties

Model	Dimensions [mm]	
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	CHEEK, 0.00	Band 13	LTE-FDD, 10175-CAH	782.000, 23230	9.1	0.885	41.8

Hardware Setup

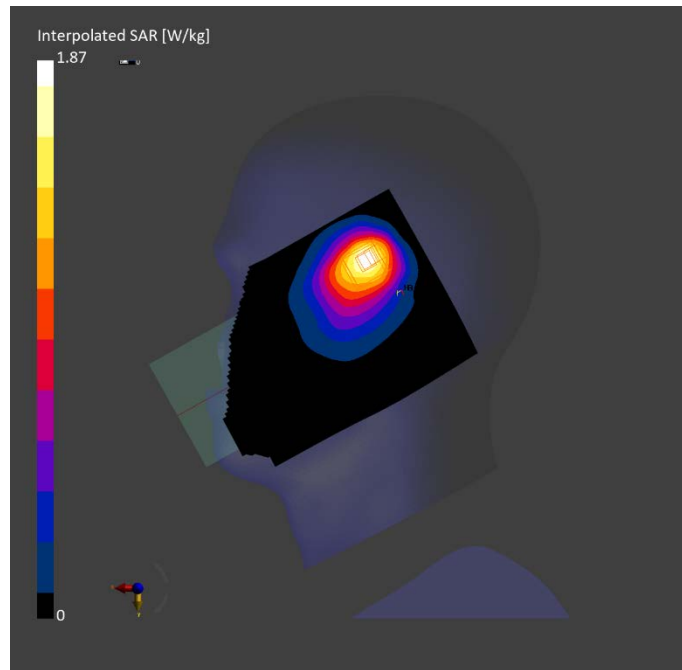
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL750 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.9 x 5.9 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-18, 10:53	2024-02-18, 11:03
psSAR1g [W/kg]	0.599	0.652
psSAR10g [W/kg]	0.357	0.341
Power Drift [dB]	0.01	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		68.3
Dist 3dB Peak [mm]		6.1



03 Measurement Report for XT2429-1, CHEEK, GSM 850, UID 10023 DAC, Channel 189 (836.4MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead,	CHEEK, 0.00	GSM 850	GSM, 10023-DAC	836.4, 189	9.07	0.925	42.2

Hardware Setup

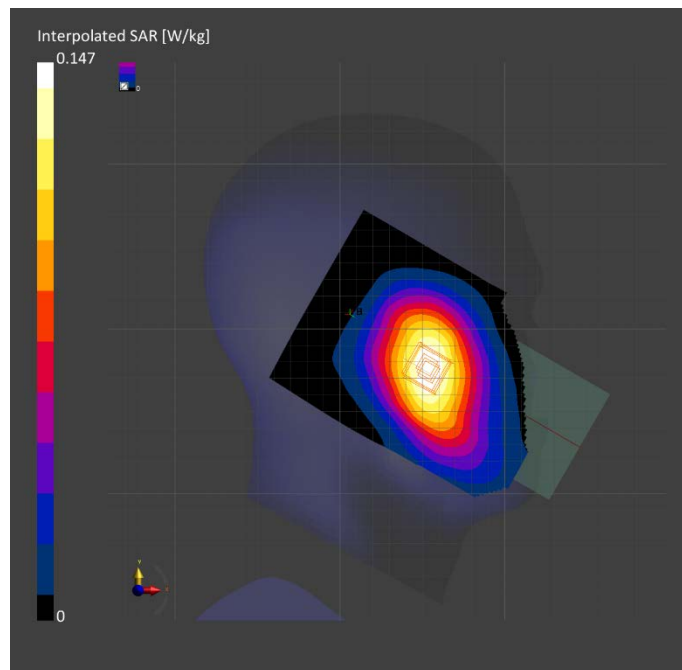
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL835 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-21, 19:40	2024-02-21, 19:51
psSAR1g [W/kg]	0.108	0.115
psSAR10g [W/kg]	0.075	0.090
Power Drift [dB]	0.01	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		93.0
Dist 3dB Peak [mm]		> 15.0



04 Measurement Report for XT2429-1, CHEEK, Band 5, UID 10011 CAC, Channel 4182 (836.400MHz)

Device under Test Properties

Model	Dimensions [mm]	
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	CHEEK, 0.00	Band 5	WCDMA, 10011-CAC	836.400, 4182	9.07	0.926	42.2

Hardware Setup

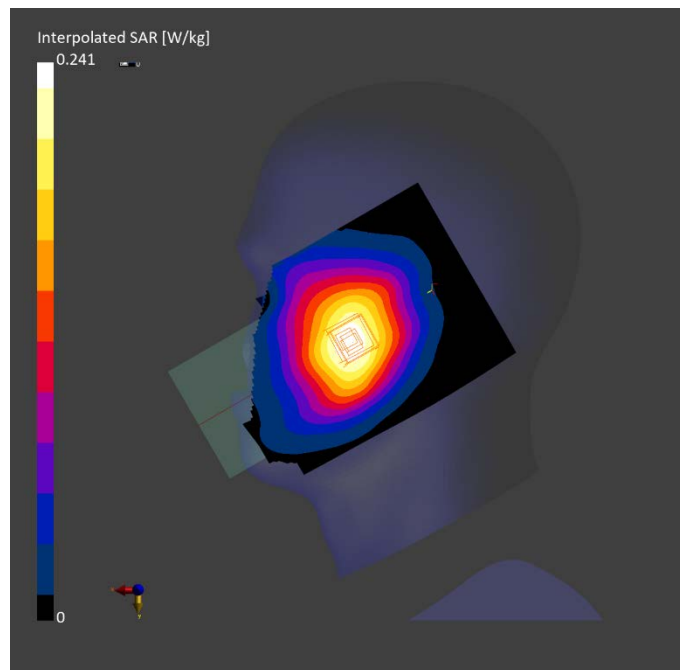
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL835 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-21, 11:16	2024-02-21, 11:29
psSAR1g [W/kg]	0.172	0.185
psSAR10g [W/kg]	0.118	0.141
Power Drift [dB]	-0.06	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		91.3
Dist 3dB Peak [mm]		> 15.0



Device under Test Properties

Model	Dimensions [mm]	
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	CHEEK, 0.00	Band 26	LTE-FDD, 10181-CAF	831.500, 26865	9.07	0.931	42.6

Hardware Setup

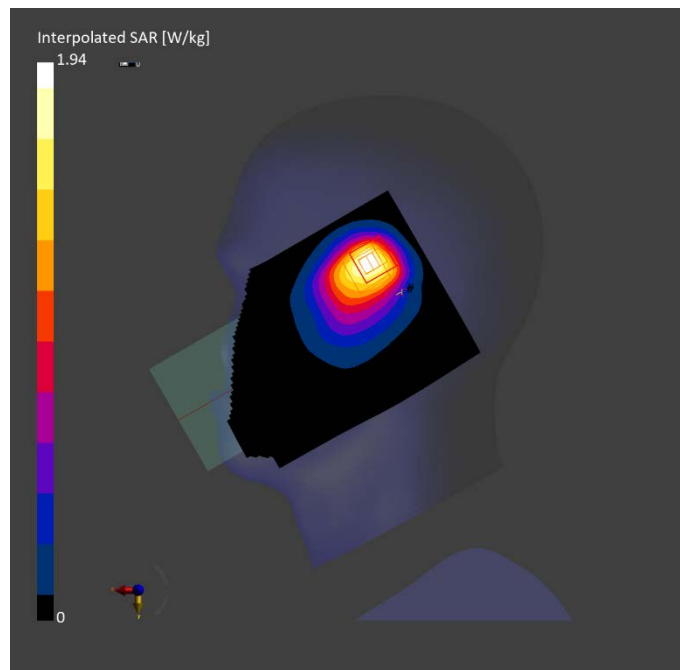
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL835 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-21, 15:43	2024-02-21, 15:52
psSAR1g [W/kg]	0.590	0.645
psSAR10g [W/kg]	0.365	0.329
Power Drift [dB]	-0.04	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		64.0
Dist 3dB Peak [mm]		6.2



06 Measurement Report for XT2429-1, CHEEK, Band n26, UID 10939 AAC, Channel 166300 (831.500MHz)

Device under Test Properties

Model	Dimensions [mm]	
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	CHEEK, 0.00	Band n26	5G NR FR1 FDD, 10939-AAC	831.500, 166300	9.07	0.924	42.2

Hardware Setup

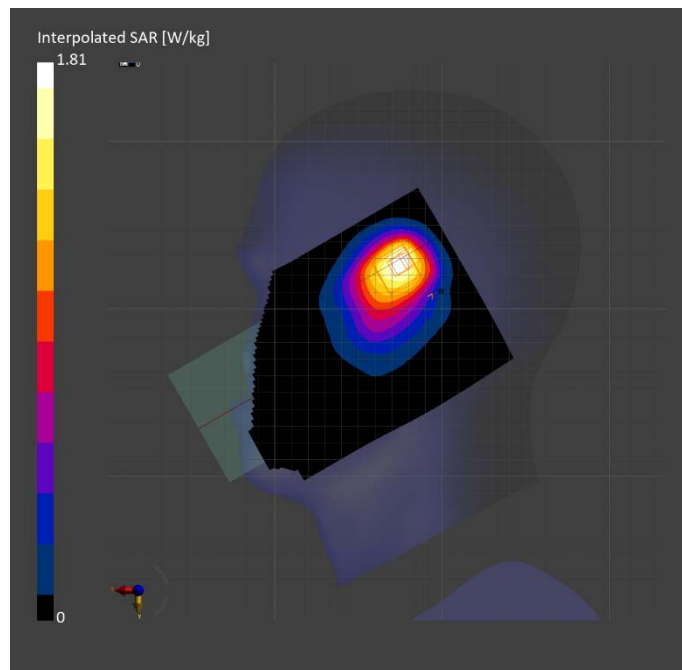
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL835 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-21, 22:46	2024-02-21, 23:08
psSAR1g [W/kg]	0.582	0.592
psSAR10g [W/kg]	0.364	0.333
Power Drift [dB]	0.37	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		59.4
Dist 3dB Peak [mm]		6.1



07 Measurement Report for XT2429-1, TILT, Band n5, UID 10939 AAC, Channel 167300 (836.500MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	TILT, 0.00	Band n5	5G NR FR1 FDD, 10939-AAC	836.500, 167300	9.07	0.926	42.2

Hardware Setup

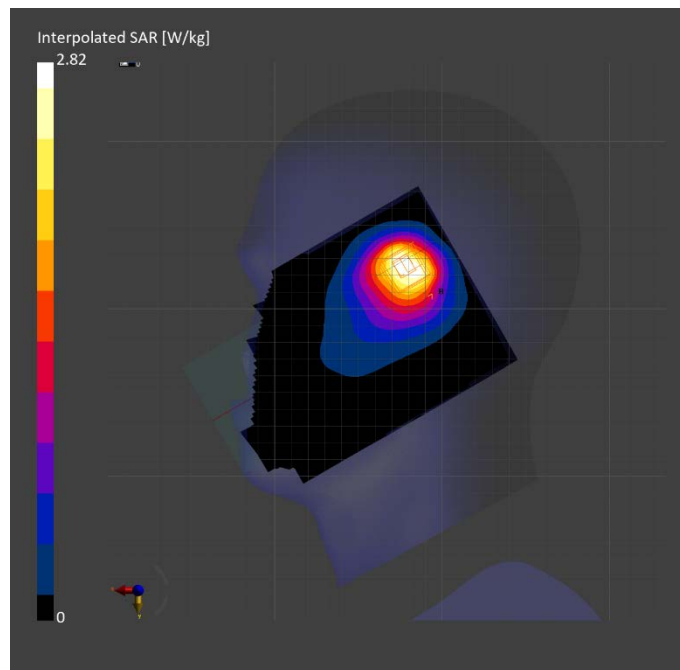
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL835 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	4.6 x 4.6 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-21, 16:57	2024-02-21, 17:25
psSAR1g [W/kg]	0.564	0.733
psSAR10g [W/kg]	0.335	0.323
Power Drift [dB]	-0.05	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		58.2
Dist 3dB Peak [mm]		4.7



08 Measurement Report for XT2429-1, CHEEK, Band 4, UID 10011 CAC, Channel 1413 (1732.600MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead,	CHEEK, 0.00	Band 4	WCDMA, 10011-CAC	1732.600, 1413	8.86	1.32	38.5

Hardware Setup

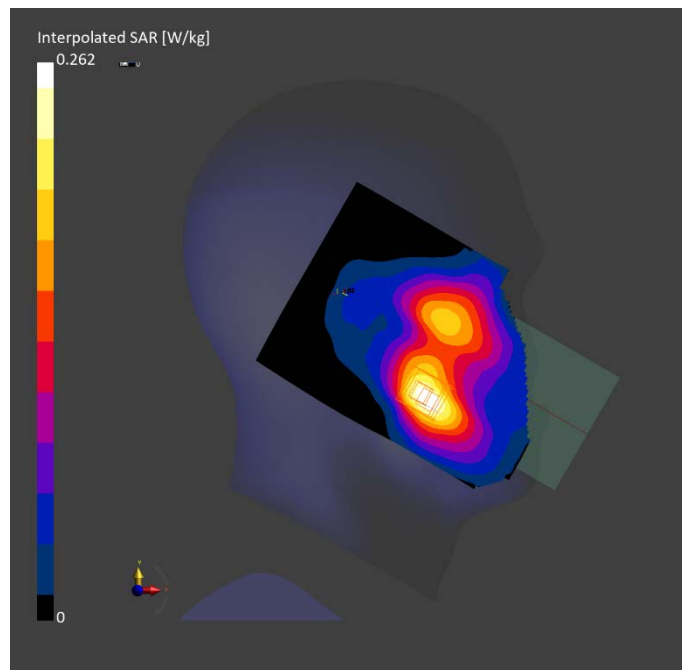
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1750 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-02, 10:02	2024-03-02, 10:18
psSAR1g [W/kg]	0.163	0.163
psSAR10g [W/kg]	0.095	0.105
Power Drift [dB]	-0.06	0.12
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		83.4
Dist 3dB Peak [mm]		11.0



09 Measurement Report for XT2429-1, TILT, Band 66, UID 10297 AAE, Channel 132322 (1745.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	TILT, 0.00	Band 66	LTE-FDD, 10297-AAE	1745.000, 132322	8.86	1.32	38.5

Hardware Setup

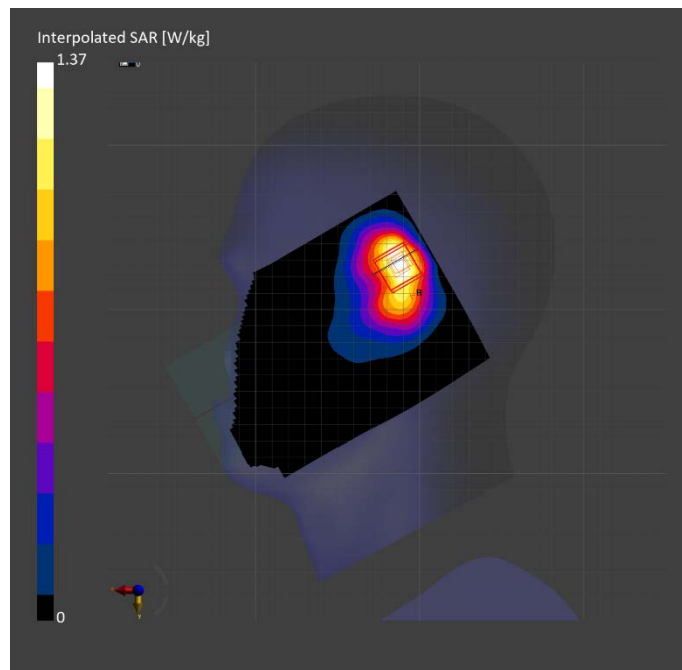
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1750 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-02, 16:42	2024-03-02, 16:57
psSAR1g [W/kg]	0.564	0.658
psSAR10g [W/kg]	0.319	0.334
Power Drift [dB]	0.06	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		82.3
Dist 3dB Peak [mm]		8.8



10 Measurement Report for XT2429-1, CHEEK, Band n66, UID 10942 AAC, Channel 352000 (1760.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	CHEEK, 0.00	Band n66	5G NR FR1 FDD, 10942-AAC	1760.000, 352000	8.86	1.32	38.5

Hardware Setup

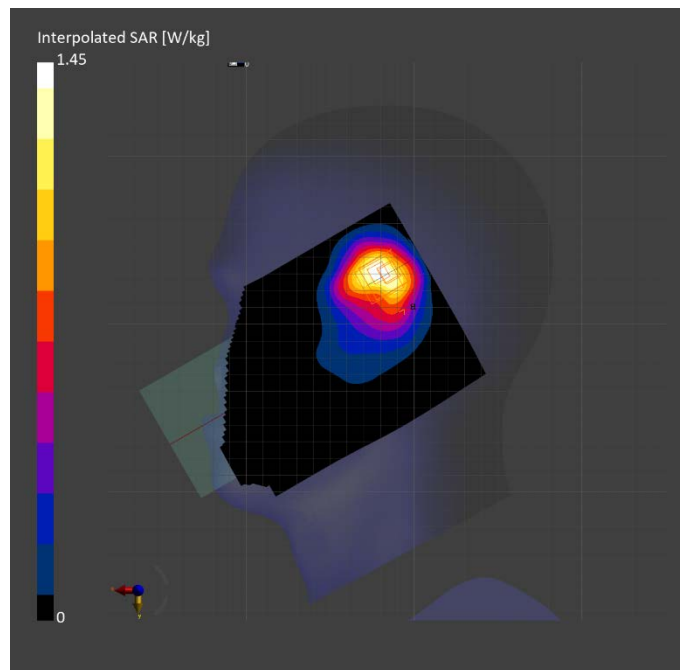
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1750 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-02, 11:53	2024-03-02, 12:05
psSAR1g [W/kg]	0.545	0.684
psSAR10g [W/kg]	0.319	0.343
Power Drift [dB]	0.02	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.5
Dist 3dB Peak [mm]		8.5



11 Measurement Report for XT2429-1, CHEEK, PCS 1900, UID 10023 DAC, Channel 661 (1880.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	CHEEK, 0.00	PCS 1900	GSM, 10023-DAC	1880.000, 661	8.46	1.42	40.5

Hardware Setup

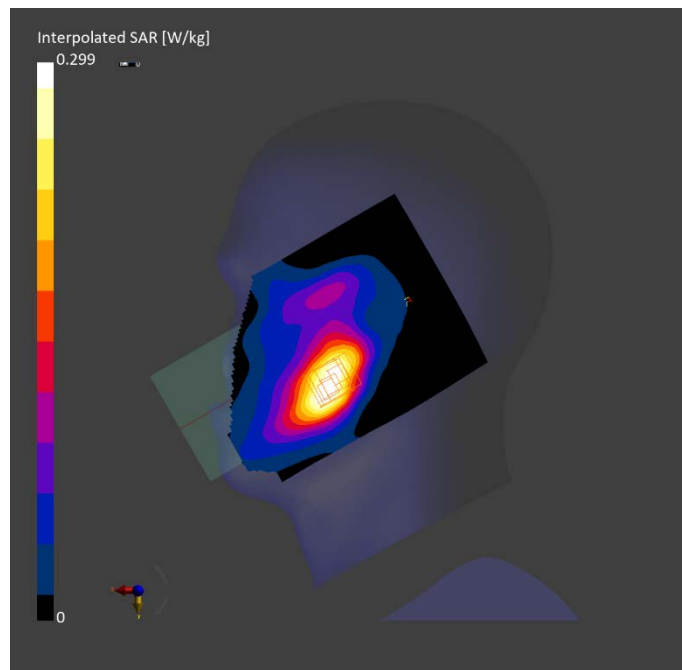
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1900 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-06, 18:03	2024-03-06, 18:16
psSAR1g [W/kg]	0.150	0.153
psSAR10g [W/kg]	0.087	0.082
Power Drift [dB]	-0.07	0.10
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		84.7
Dist 3dB Peak [mm]		3.7



12 Measurement Report for XT2429-1, CHEEK, Band 2, UID 10011 CAC, Channel 9400 (1880.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	CHEEK, 0.00	Band 2	WCDMA, 10011-CAC	1880.000, 9400	8.46	1.42	40.5

Hardware Setup

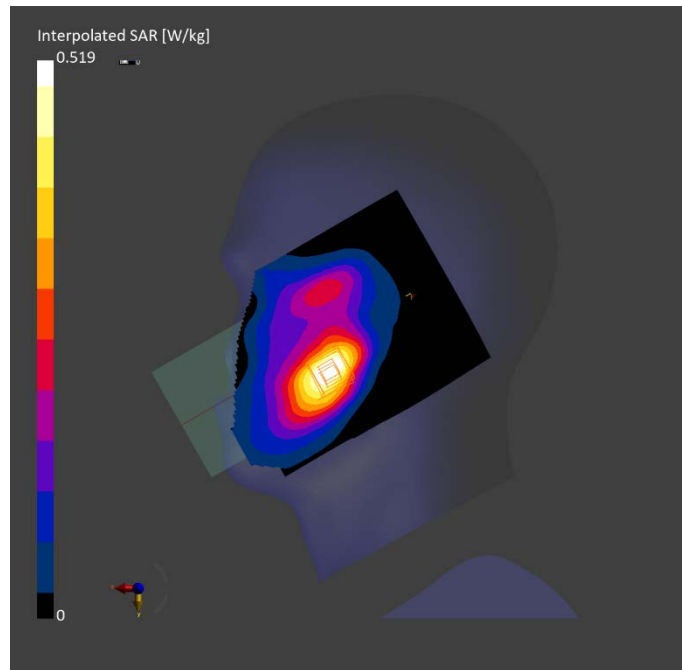
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1900 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-06, 13:03	2024-03-06, 13:19
psSAR1g [W/kg]	0.306	0.327
psSAR10g [W/kg]	0.177	0.199
Power Drift [dB]	-0.00	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		88.1
Dist 3dB Peak [mm]		11.8



13 Measurement Report for XT2429-1, CHEEK, Band 25, UID 10169 CAF, Channel 26340 (1880.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	CHEEK, 0.00	Band 25	LTE-FDD, 10169-CAF	1880.0, 26340	8.46	1.41	40.2

Hardware Setup

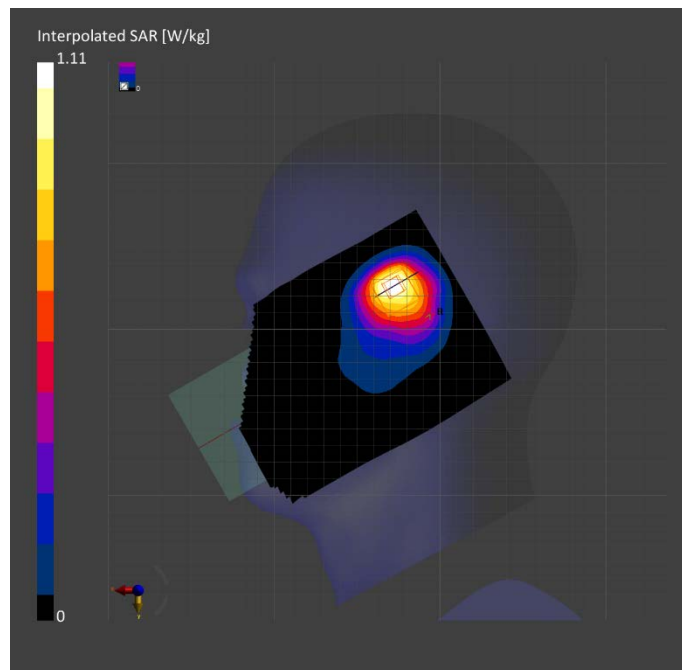
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1900 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-06, 21:54	2024-03-06, 22:02
psSAR1g [W/kg]	0.616	0.641
psSAR10g [W/kg]	0.345	0.355
Power Drift [dB]	0.02	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		83.7
Dist 3dB Peak [mm]		11.3



14 Measurement Report for XT2429-1, CHEEK, Band n2, UID 10939 AAC, Channel 376000 (1880.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	CHEEK, 0.00	Band n2	5G NR FR1 FDD, 10939-AAC	1880.000, 376000	8.46	1.42	40.5

Hardware Setup

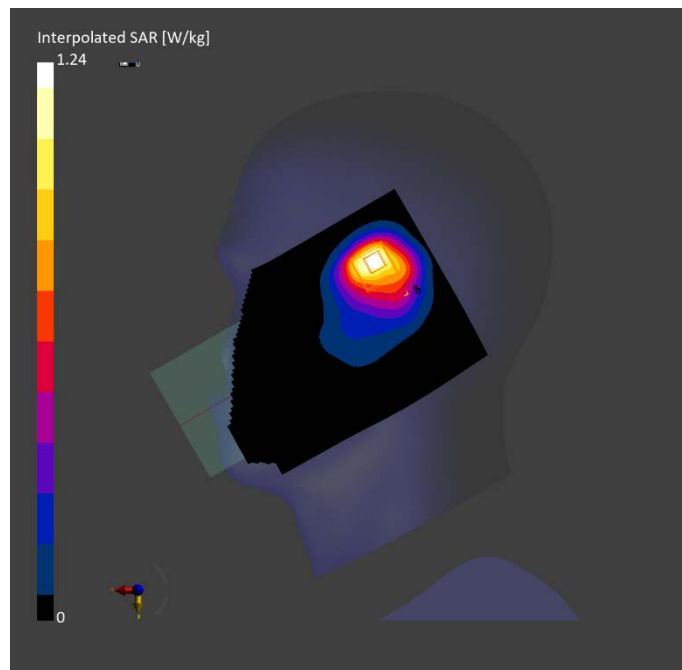
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1900 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-06, 11:23	2024-03-06, 11:35
psSAR1g [W/kg]	0.650	0.683
psSAR10g [W/kg]	0.351	0.365
Power Drift [dB]	0.02	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		85.4
Dist 3dB Peak [mm]		11.1



15 Measurement Report for XT2429-1, TILT, Band 7, UID 10297 AAE, Channel 21100 (2535.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead,	TILT, 0.00	Band 7	LTE-FDD, 10297-AAE	2535.0, 21100	7.32	1.83	38.1

Hardware Setup

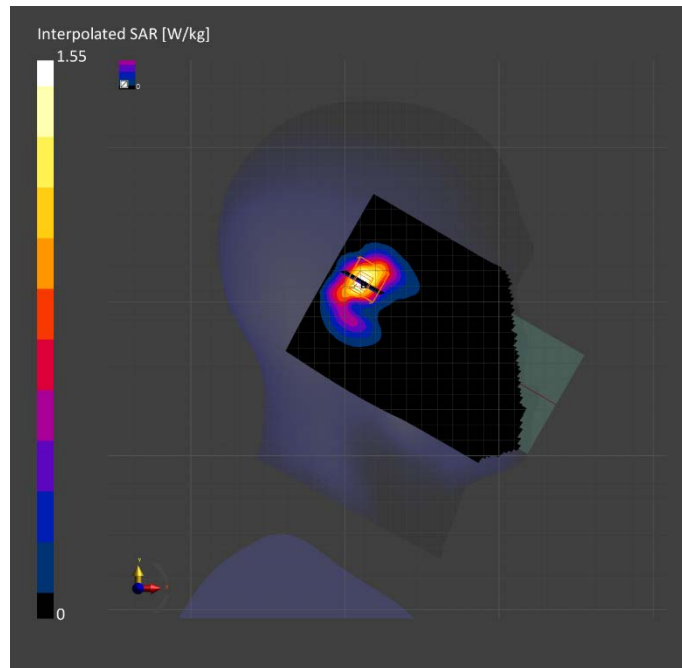
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL2600 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-24, 15:58	2024-02-24, 16:07
psSAR1g [W/kg]	0.705	0.711
psSAR10g [W/kg]	0.324	0.327
Power Drift [dB]	-0.02	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.3
Dist 3dB Peak [mm]		6.4



16 Measurement Report for XT2429-1, TILT, Band 41, UID 10172 CAH, Channel 40620 (2593.000MHz)

Device under Test Properties

Model	Dimensions [mm]	
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead,	TILT, 0.00	Band 41	LTE-TDD, 10172-CAH	2593.000, 40620	7.32	1.88	38.0

Hardware Setup

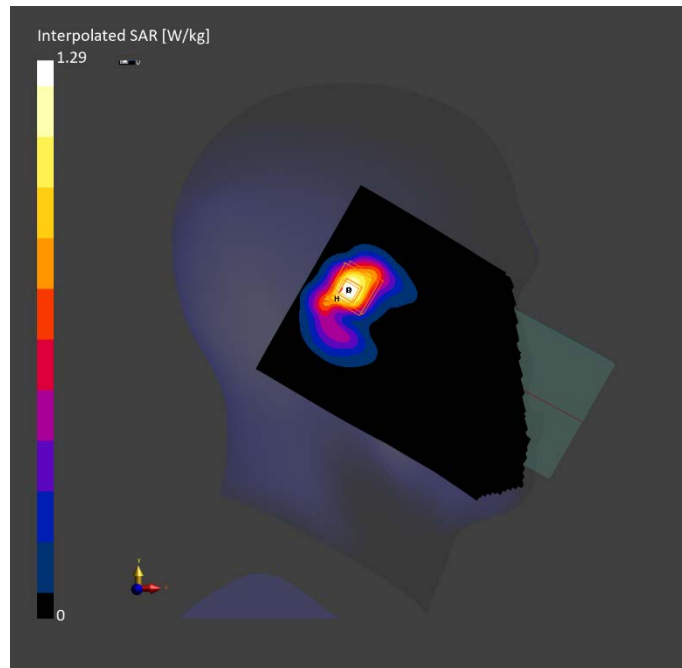
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL2600 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-24, 14:51	2024-02-24, 15:00
psSAR1g [W/kg]	0.570	0.575
psSAR10g [W/kg]	0.264	0.260
Power Drift [dB]	0.01	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.0
Dist 3dB Peak [mm]		6.4



17 Measurement Report for XT2429-1, TILT, Band n7, UID 10942 AAC, Channel 510000 (2550.000MHz)

Device under Test Properties

Model	Dimensions [mm]	
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead,	TILT, 0.00	Band n7	5G NR FR1 FDD, 10942-AAC	2550.000, 510000	7.32	1.88	38.1

Hardware Setup

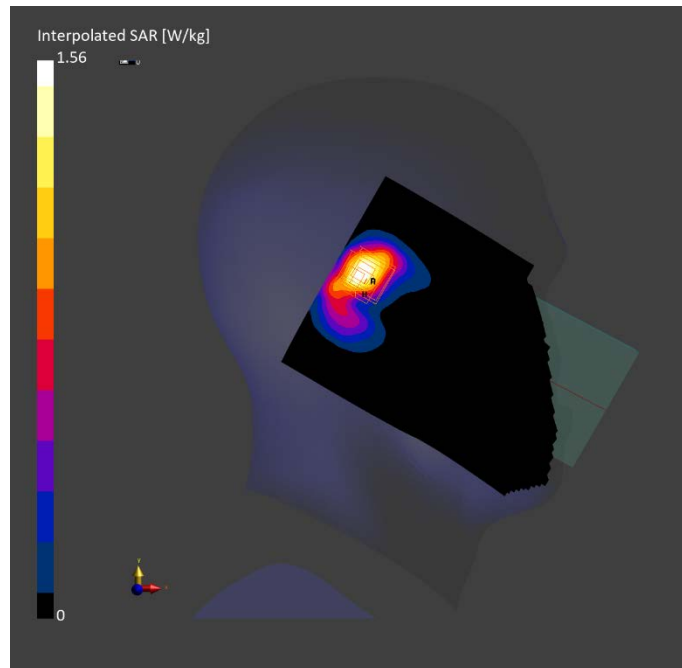
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL2600 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-24, 18:10	2024-02-24, 18:31
psSAR1g [W/kg]	0.649	0.706
psSAR10g [W/kg]	0.307	0.335
Power Drift [dB]	-0.78	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		77.2
Dist 3dB Peak [mm]		8.6



18 Measurement Report for XT2429-1, CHEEK, Band n41, UID 10866 AAF, Channel 518598 (2592.990MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	CHEEK, 0.00	Band n41	5G NR FR1 TDD, 10866-AAF	2592.990, 518598	7.32	1.88	38.0

Hardware Setup

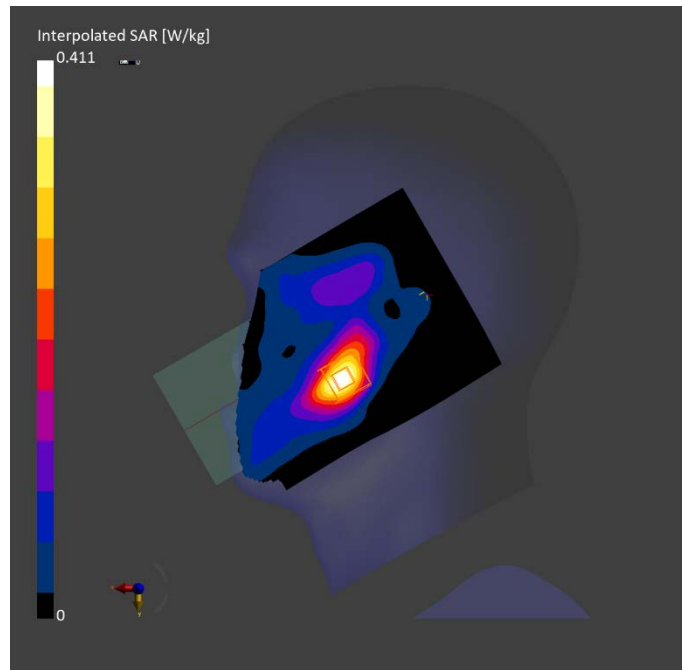
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL2600 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-24, 23:09	2024-02-24, 23:32
psSAR1g [W/kg]	0.215	0.215
psSAR10g [W/kg]	0.106	0.110
Power Drift [dB]	-0.12	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.9
Dist 3dB Peak [mm]		9.4



19 Measurement Report for XT2429-1, CHEEK, Band 42, UID 10172 CAH, Channel 42590 (3500.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	CHEEK, 0.00	Band 42	LTE-TDD, 10172-CAH	3500.0, 42590	6.88	2.82	38.8

Hardware Setup

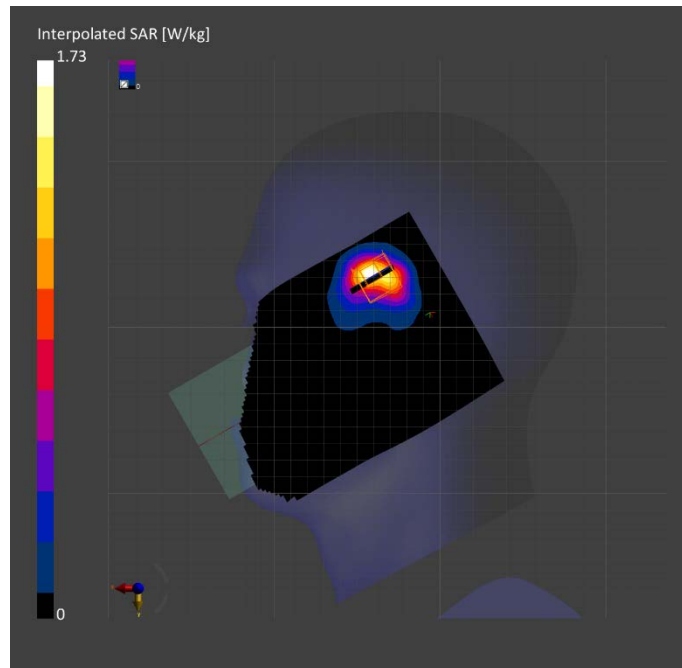
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL3500 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-06, 21:51	2024-03-06, 22:01
psSAR1g [W/kg]	0.646	0.626
psSAR10g [W/kg]	0.260	0.250
Power Drift [dB]	0.02	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		75.5
Dist 3dB Peak [mm]		7.1



20 Measurement Report for XT2429-1, CHEEK, Band n78, UID 10803 AAF, Channel 643332 (3649.980MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	CHEEK, 0.00	Band n78	5G NR FR1 TDD, 10803-AAF	3649.980, 643332	6.88	2.93	39.3

Hardware Setup

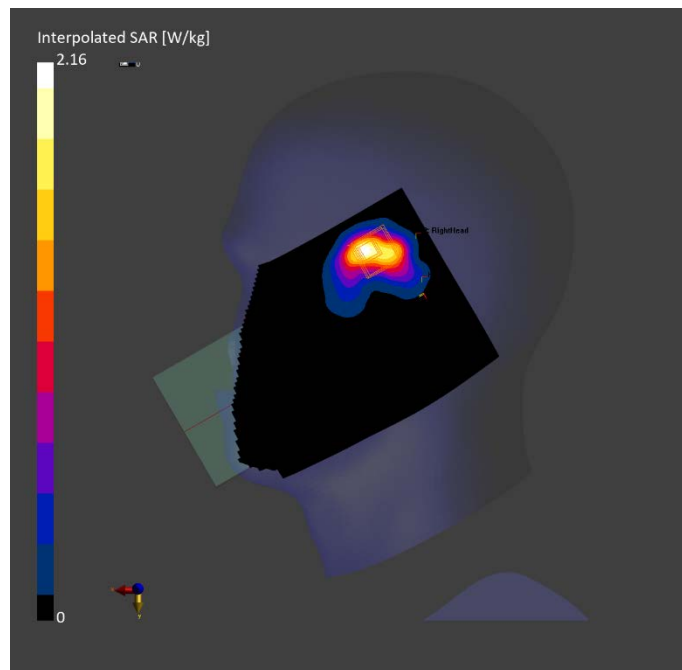
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL3500 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-06, 19:36	2024-03-06, 19:50
psSAR1g [W/kg]	0.647	0.732
psSAR10g [W/kg]	0.272	0.284
Power Drift [dB]	0.09	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		69.5
Dist 3dB Peak [mm]		7.1



21 Measurement Report for XT2429-1, CHEEK, ISM 2.4 GHz Band, UID 10035 CAA, Channel 39 (2441.0MHz)

Device under Test Properties

Model	Dimensions [mm]	
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead,	CHEEK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10035-CAA	2441.0, 39	7.5	1.77	38.2

Hardware Setup

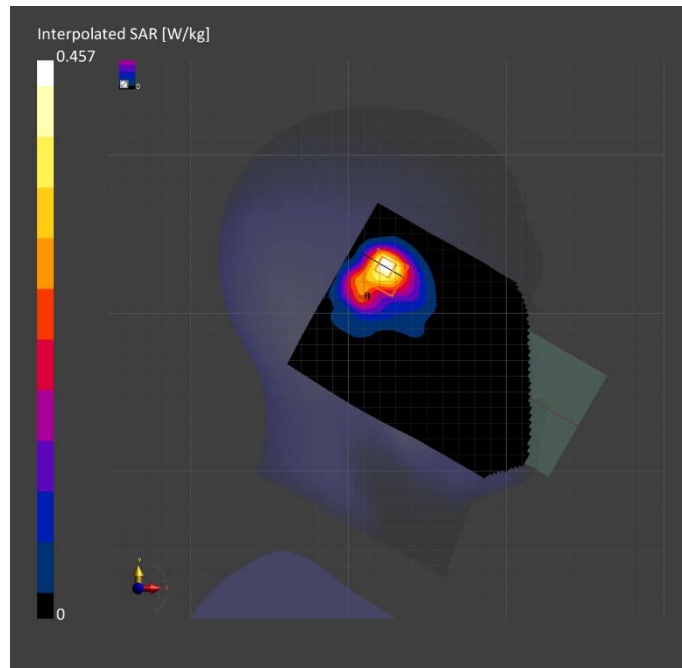
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1860	HSL2450, --	EX3DV4 - SN7745, 2023-08-22	DAE4 Sn1738, 2023-08-07

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-10, 17:16	2024-03-10, 17:26
psSAR1g [W/kg]	0.210	0.212
psSAR10g [W/kg]	0.104	0.098
Power Drift [dB]	0.02	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		77.4
Dist 3dB Peak [mm]		8.6



22 Measurement Report for XT2429-1, CHEEK, WLAN 2.4GHz, UID 10415 AAA, Channel 6 (2437.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead,	CHEEK, 0.00	WLAN 2.4GHz	WLAN, 10415-AAA	2437.0, 6	7.5	1.76	38.2

Hardware Setup

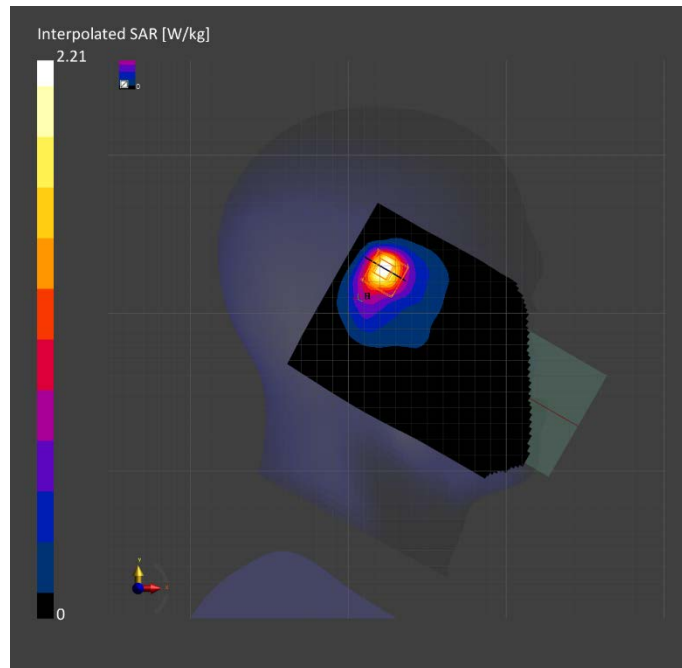
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1860	HSL2450, --	EX3DV4 - SN7745, 2023-08-22	DAE4 Sn1738, 2023-08-07

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-10, 17:03	2024-03-10, 17:13
psSAR1g [W/kg]	1.00	1.02
psSAR10g [W/kg]	0.471	0.457
Power Drift [dB]	-0.05	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		82.1
Dist 3dB Peak [mm]		6.1



23 Measurement Report for XT2307-1, TILT, WLAN 5GHz, UID 10591 AAC, Channel 64 (5320.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2307-1	158.0 x 72.0 x 7.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead,	TILT, 0.00	WLAN 5GHz	WLAN, 10591-AAC	5320.000, 64	5.34	4.67	34.7

Hardware Setup

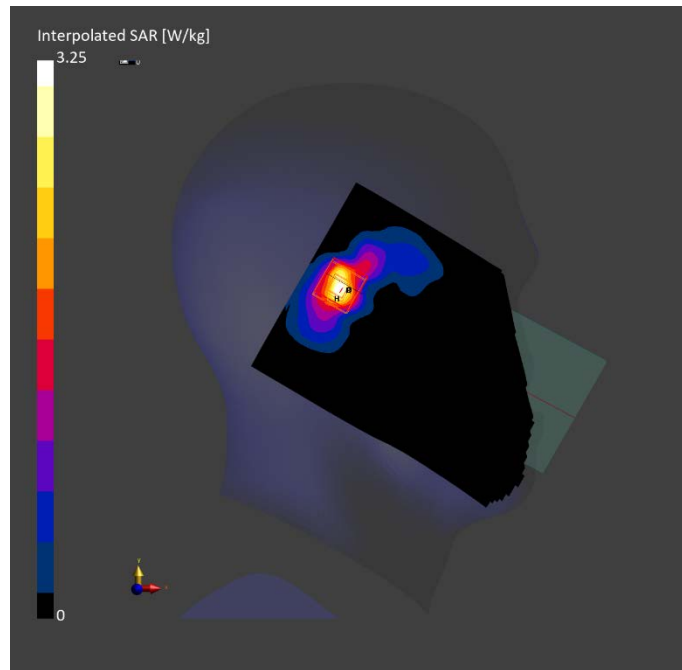
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1860	HSL5250 --	EX3DV4 - SN7745, 2023-08-22	DAE4 Sn1738, 2023-08-07

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-10, 15:35	2024-03-10, 15:43
psSAR1g [W/kg]	0.852	0.866
psSAR10g [W/kg]	0.279	0.265
Power Drift [dB]	0.07	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		65.1
Dist 3dB Peak [mm]		6.7



24 Measurement Report for XT2429-1, TILT, WLAN 5GHz, UID 10591 AAC, Channel 132 (5660.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead,	TILT, 0.00	WLAN 5GHz	WLAN, 10591-AAC	5660.0, 132	4.65	5.10	34.1

Hardware Setup

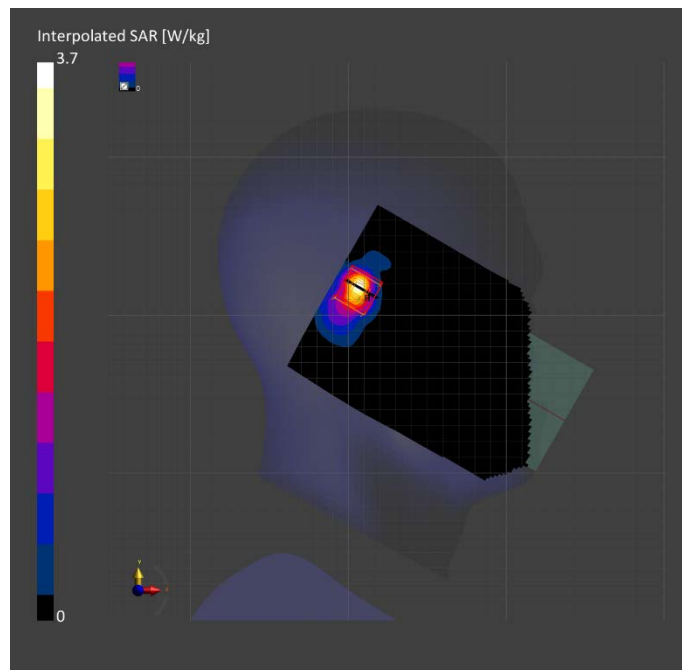
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1860	HSL5600, --	EX3DV4 - SN7745, 2023-08-22	DAE4 Sn1738, 2023-08-07

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-11, 21:40	2024-03-11, 21:50
psSAR1g [W/kg]	0.709	0.842
psSAR10g [W/kg]	0.247	0.234
Power Drift [dB]	0.07	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		59.7
Dist 3dB Peak [mm]		6.1



25 Measurement Report for XT2429-1, TILT, WLAN 5GHz, UID 10317 AAD, Channel 149 (5745.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.5°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead,	TILT, 0.00	WLAN 5GHz	WLAN, 10317-AAD	5745.0, 149	4.77	5.26	33.9

Hardware Setup

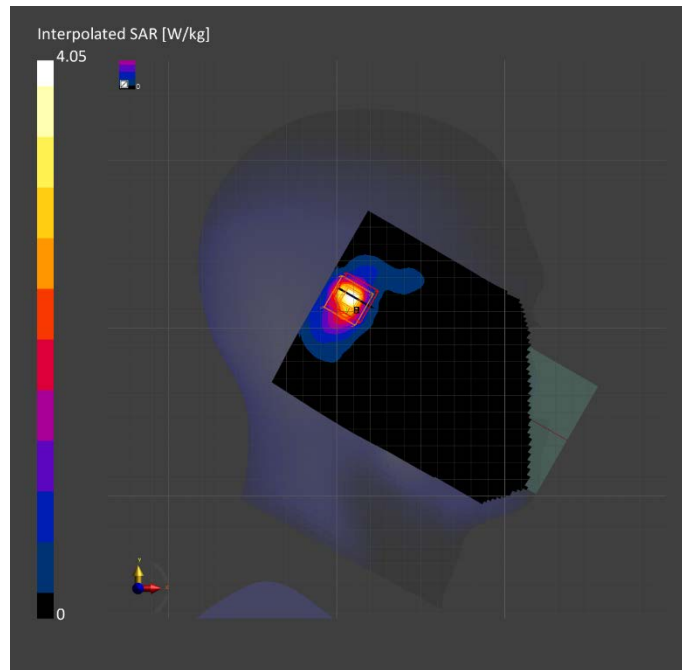
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1860	HSL5750, --	EX3DV4 - SN7745, 2023-08-22	DAE4 Sn1738, 2023-08-07

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-12, 10:55	2024-03-12, 11:05
psSAR1g [W/kg]	0.844	0.938
psSAR10g [W/kg]	0.282	0.263
Power Drift [dB]	-0.05	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		64.6
Dist 3dB Peak [mm]		5.1



26 Measurement Report for XT2429-1, BACK, Band 12, UID 10175 CAH, Channel 23095 (707.500MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.8°C; Liquid Temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band 12	LTE-FDD, 10175-CAH	707.500, 23095	9.1	0.88	41.9

Hardware Setup

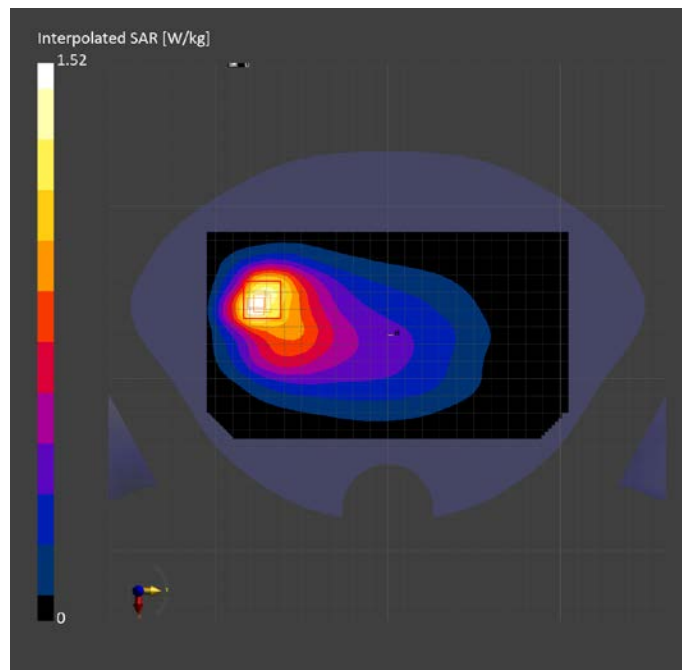
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL750 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-19, 14:11	2024-02-19, 14:22
psSAR1g [W/kg]	0.548	0.614
psSAR10g [W/kg]	0.344	0.312
Power Drift [dB]	-0.14	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		71.9
Dist 3dB Peak [mm]		10.8



27 Measurement Report for XT2429-1, BACK, Band 13, UID 10175 CAH, Channel 23230 (782.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.8°C; Liquid Temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band 13	LTE-FDD, 10175-CAH	782.000, 23230	9.1	0.885	41.8

Hardware Setup

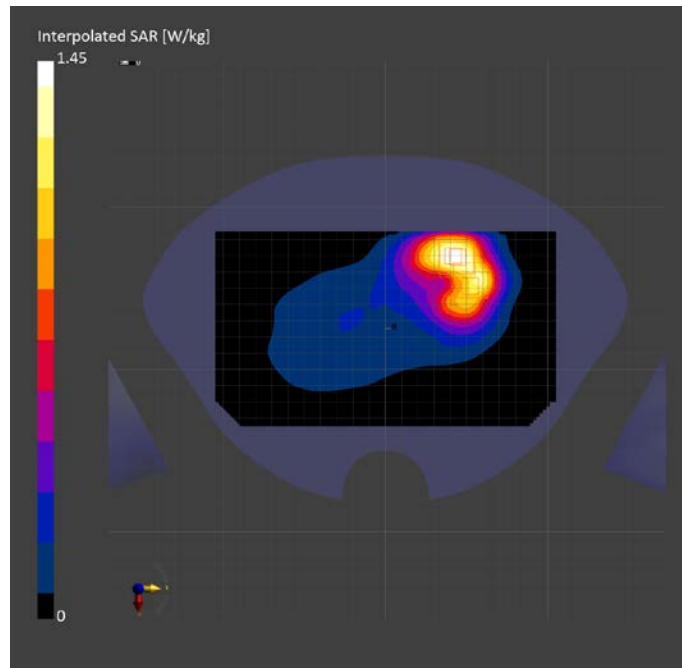
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL750 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.7 x 5.7 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-19, 09:28	2024-02-19, 09:43
psSAR1g [W/kg]	0.617	0.580
psSAR10g [W/kg]	0.380	0.288
Power Drift [dB]	-0.12	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		71.0
Dist 3dB Peak [mm]		8.7



28 Measurement Report for XT2429-1, BACK, GSM 850, UID 10023 DAC, Channel 189 (836.4MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.6°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	GSM 850	GSM, 10023-DAC	836.4, 189	9.07	0.896	41.6

Hardware Setup

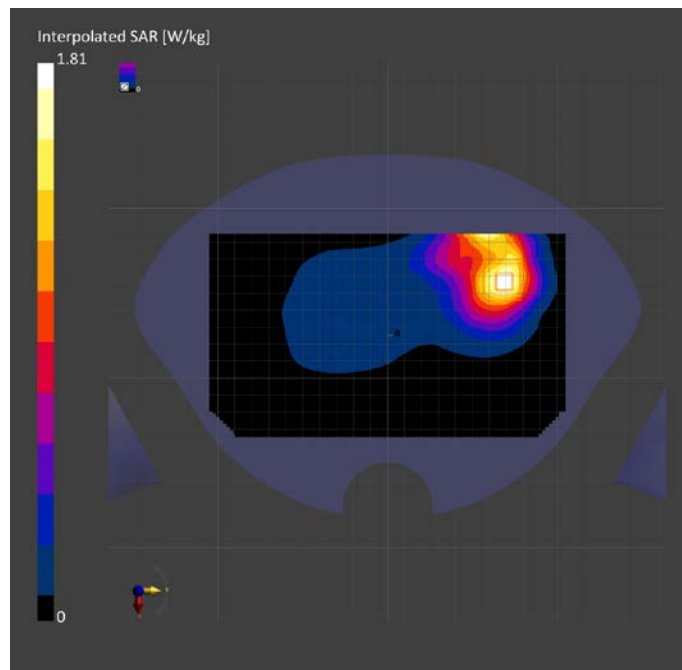
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL835 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-22, 14:46	2024-02-22, 14:59
psSAR1g [W/kg]	0.754	0.800
psSAR10g [W/kg]	0.481	0.411
Power Drift [dB]	-0.02	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		73.5
Dist 3dB Peak [mm]		9.9



29 Measurement Report for XT2429-1, BACK, Band 5, UID 10011 CAC, Channel 4233 (846.600MHz)

Device under Test Properties

Model	Dimensions [mm]	
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.6°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band 5	WCDMA, 10011-CAC	846.600, 4233	9.07	0.895	41.6

Hardware Setup

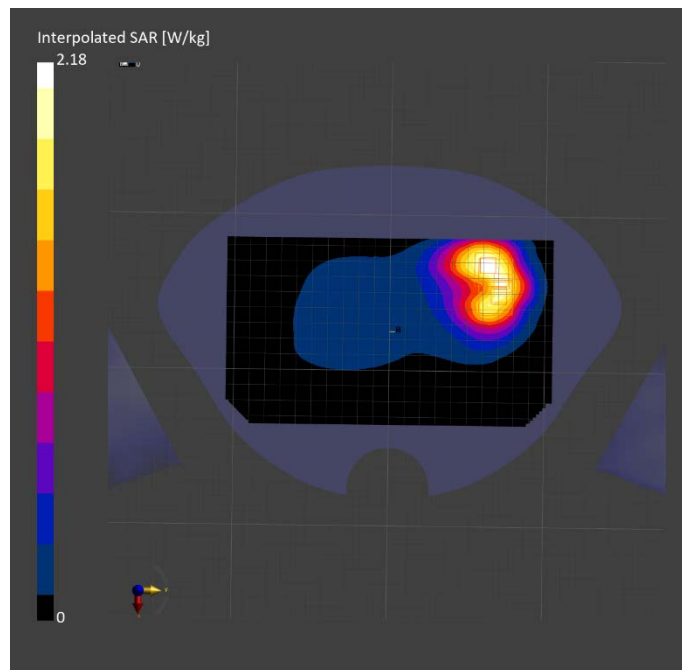
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL835 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-22, 16:37	2024-02-22, 16:49
psSAR1g [W/kg]	0.909	0.929
psSAR10g [W/kg]	0.592	0.474
Power Drift [dB]	-0.06	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		73.3
Dist 3dB Peak [mm]		9.4



30 Measurement Report for XT2429-1, BACK, Band 26, UID 10181 CAF, Channel 26965 (841.500MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.6°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band 26	LTE-FDD, 10181-CAF	841.500, 26965	9.07	0.896	41.6

Hardware Setup

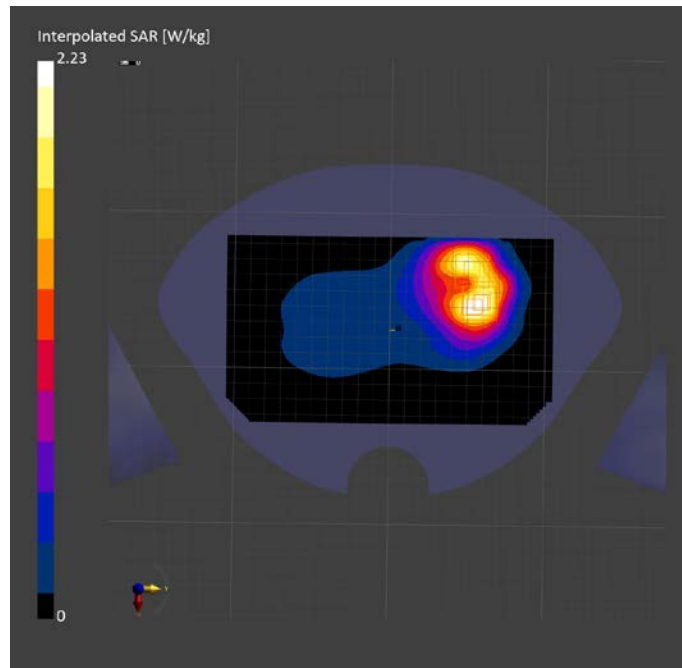
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL835 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-22, 22:31	2024-02-22, 22:43
psSAR1g [W/kg]	0.930	0.894
psSAR10g [W/kg]	0.573	0.461
Power Drift [dB]	-0.03	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		71.5
Dist 3dB Peak [mm]		7.7



31 Measurement Report for XT2429-1, BACK, Band n26, UID 10939 AAC, Channel 166300 (831.500MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.6°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band n26	5G NR FR1 FDD, 10939-AAC	831.500, 166300	9.07	0.891	41.6

Hardware Setup

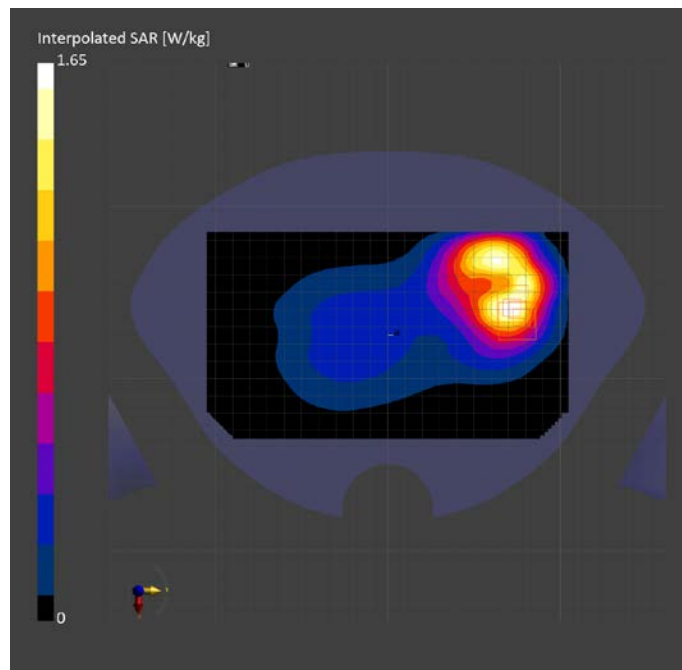
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL835 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-22, 12:52	2024-02-22, 13:03
psSAR1g [W/kg]	0.694	0.753
psSAR10g [W/kg]	0.445	0.388
Power Drift [dB]	-1.85	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		78.2
Dist 3dB Peak [mm]		9.7



32 Measurement Report for XT2429-1, BACK, Band n5, UID 10931 AAC, Channel 167300 (836.500MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.6°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band n5	5G NR FR1 FDD, 10931-AAC	836.500, 167300	9.07	0.896	41.6

Hardware Setup

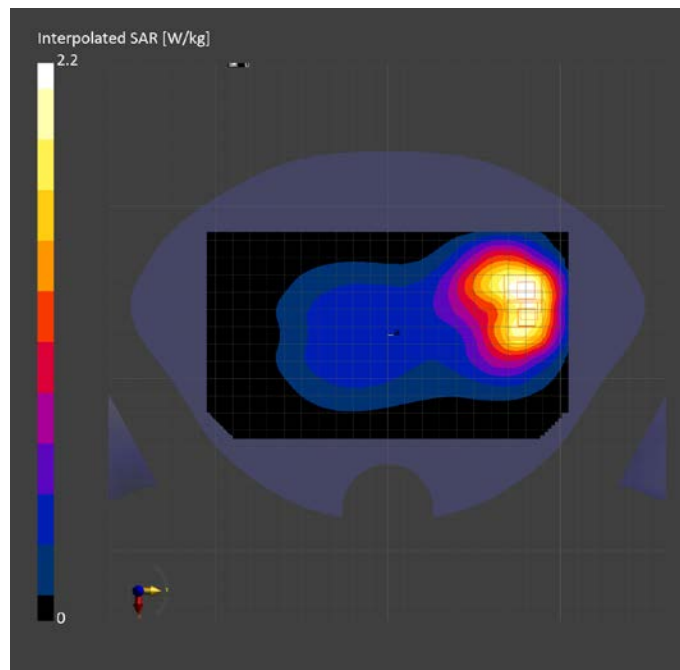
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL835 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-22, 13:45	2024-02-22, 14:08
psSAR1g [W/kg]	0.877	0.970
psSAR10g [W/kg]	0.592	0.507
Power Drift [dB]	-1.19	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		78.0
Dist 3dB Peak [mm]		10.2



33 Measurement Report for XT2429-1, BACK, Band 4, UID 10011 CAC, Channel 1513 (1752.600MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band 4	WCDMA, 10011-CAC	1752.600, 1513	8.86	1.33	38.5

Hardware Setup

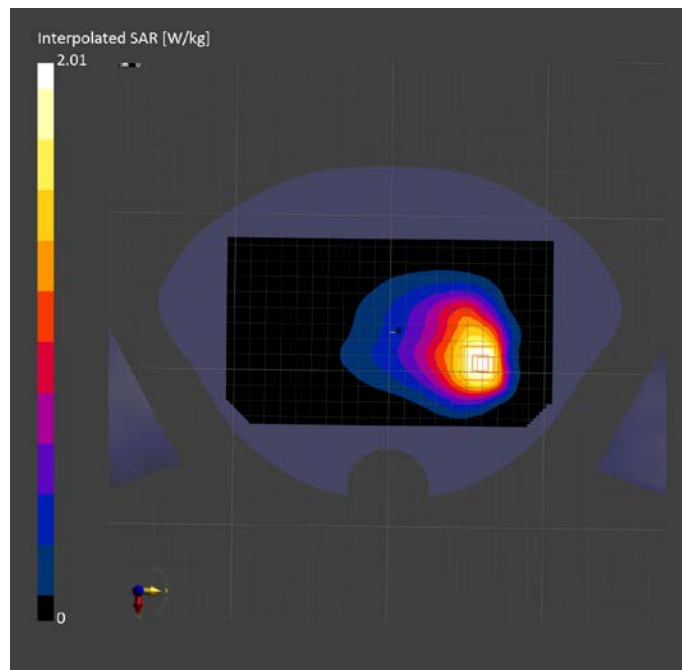
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1750 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-03, 23:02	2024-03-03, 23:08
psSAR1g [W/kg]	1.01	1.05
psSAR10g [W/kg]	0.579	0.572
Power Drift [dB]	0.01	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.5
Dist 3dB Peak [mm]		9.6



34 Measurement Report for XT2429-1, BACK, Band 66, UID 10297 AAE, Channel 132572 (1770.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band 66	LTE-FDD, 10297-AAE	1770.000, 132572	8.86	1.33	38.3

Hardware Setup

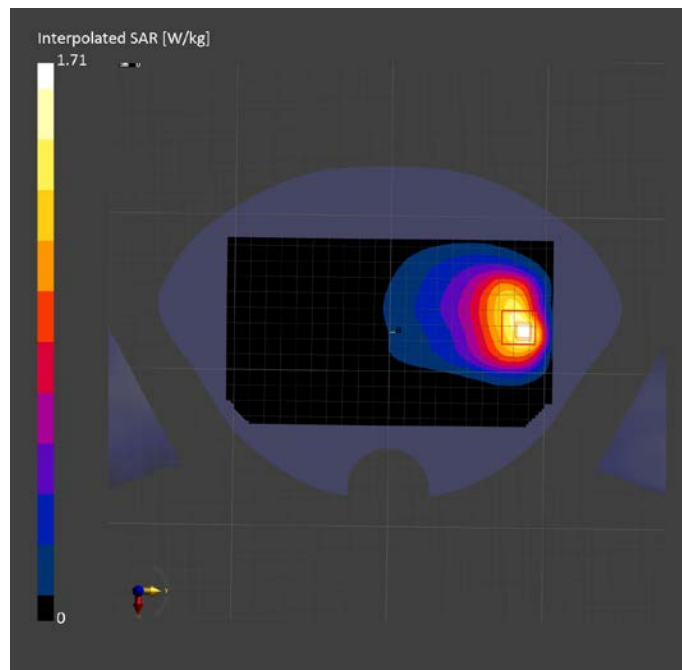
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1750 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-03, 20:32	2024-03-03, 20:38
psSAR1g [W/kg]	0.938	0.956
psSAR10g [W/kg]	0.539	0.540
Power Drift [dB]	-0.00	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		82.2
Dist 3dB Peak [mm]		8.4



35 Measurement Report for XT2429-1, BACK, Band n66, UID 10934 AAC, Channel 349000 (1745.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band n66	5G NR FR1 FDD, 10934-AAC	1745.0, 349000	8.86	1.31	38.2

Hardware Setup

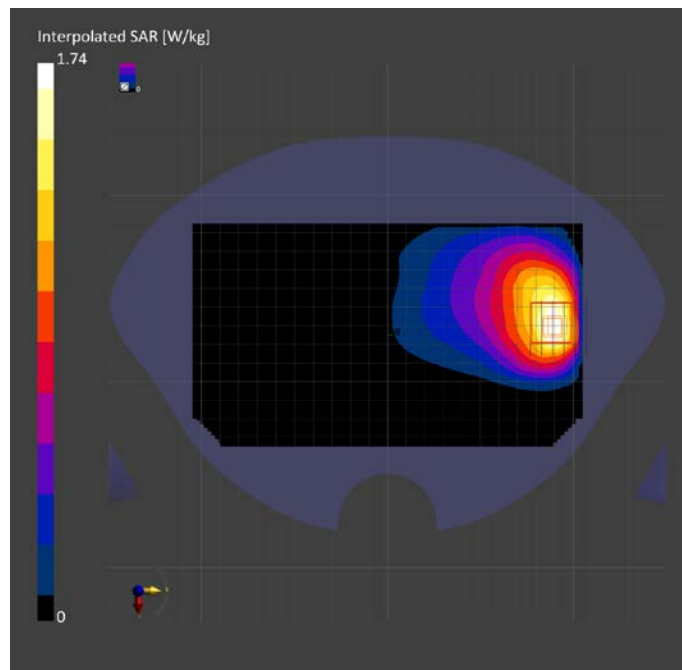
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1750 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-03, 22:24	2024-03-03, 22:31
psSAR1g [W/kg]	0.918	0.961
psSAR10g [W/kg]	0.529	0.538
Power Drift [dB]	-0.01	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		83.5
Dist 3dB Peak [mm]		9.6



36 Measurement Report for XT2429-1, BACK, PCS 1900, UID 10024 DAC, Channel 661 (1880.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	PCS 1900	GSM, 10024-DAC	1880.000, 661	8.46	1.42	40.5

Hardware Setup

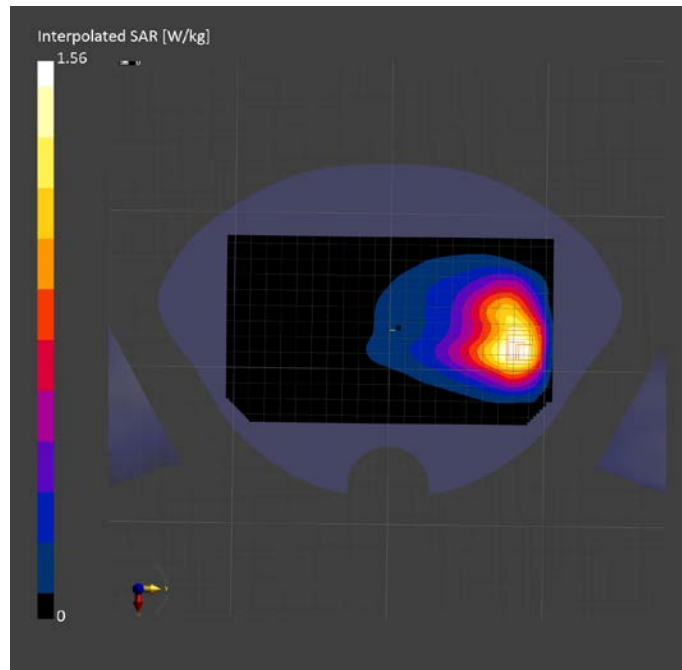
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1900 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	1.8 x 1.8 x 1.2
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.2
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-07, 14:44	2024-03-07, 16:07
psSAR1g [W/kg]	0.585	0.677
psSAR10g [W/kg]	0.304	0.305
Power Drift [dB]	-1.56	0.10
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		82.4
Dist 3dB Peak [mm]		6.5



37 Measurement Report for XT2429-1, BACK, Band 2, UID 10011 CAC, Channel 9262 (1852.400MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band 2	WCDMA, 10011-CAC	1852.400, 9262	7.9	1.40	40.3

Hardware Setup

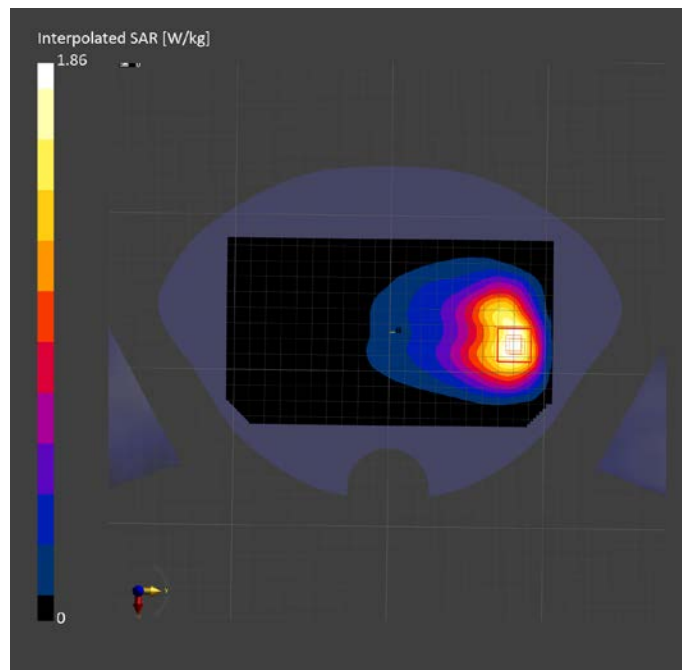
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1900 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-07, 09:36	2024-03-07, 09:48
psSAR1g [W/kg]	0.853	0.992
psSAR10g [W/kg]	0.520	0.552
Power Drift [dB]	-0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		82.6
Dist 3dB Peak [mm]		8.4



38 Measurement Report for XT2429-1, BACK, Band 25, UID 10169 CAF, Channel 26590 (1905.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band 25	LTE-FDD, 10169-CAF	1905.000, 26590	8.46	1.43	40.2

Hardware Setup

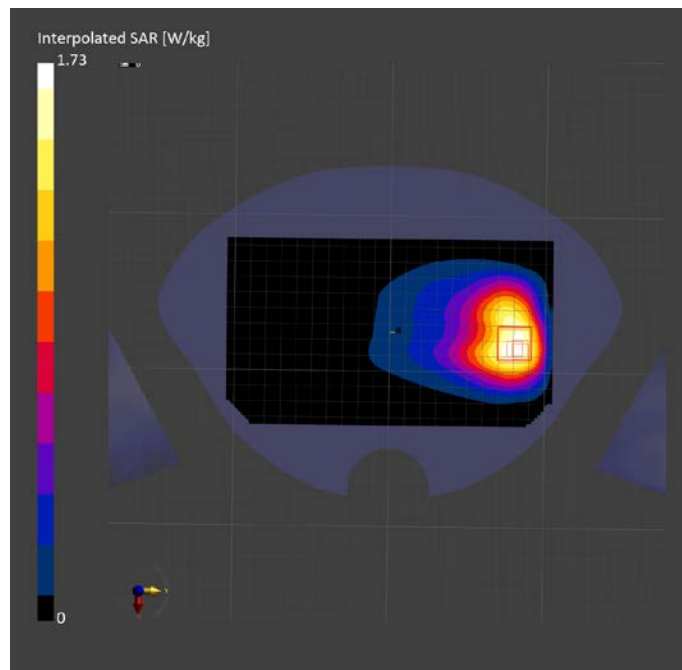
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1900 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-07, 12:37	2024-03-07, 12:43
psSAR1g [W/kg]	0.845	0.916
psSAR10g [W/kg]	0.496	0.508
Power Drift [dB]	-0.09	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		81.0
Dist 3dB Peak [mm]		9.6



39 Measurement Report for XT2429-1, BACK, Band n2, UID 10931 AAC, Channel 376000 (1880.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band n2	5G NR FR1 FDD, 10931-AAC	1880.000, 376000	8.46	1.41	40.2

Hardware Setup

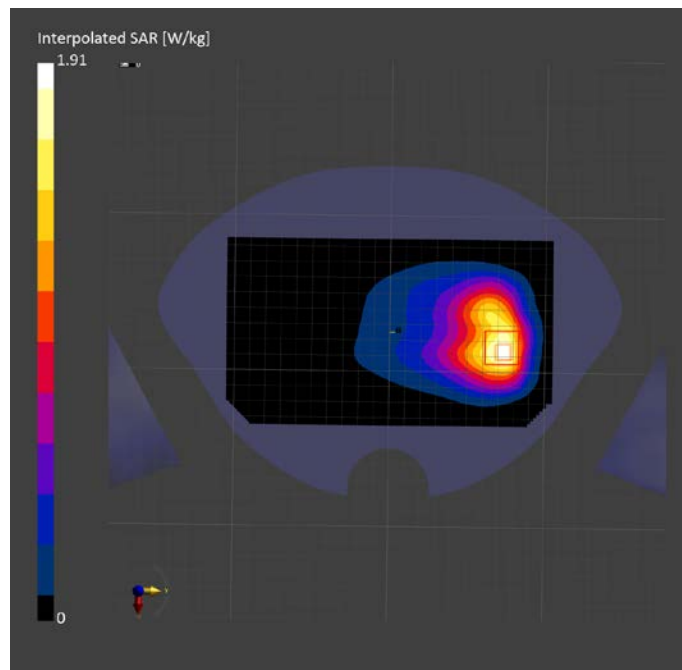
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1900 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-07, 18:53	2024-03-07, 18:59
psSAR1g [W/kg]	0.977	1.01
psSAR10g [W/kg]	0.547	0.559
Power Drift [dB]	-0.08	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		82.0
Dist 3dB Peak [mm]		9.2



40 Measurement Report for XT2429-1, BACK, Band 7, UID 10169 CAF, Channel 20850 (2510.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.6°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band 7	LTE-FDD, 10169-CAF	2510.000, 20850	7.32	1.88	38.1

Hardware Setup

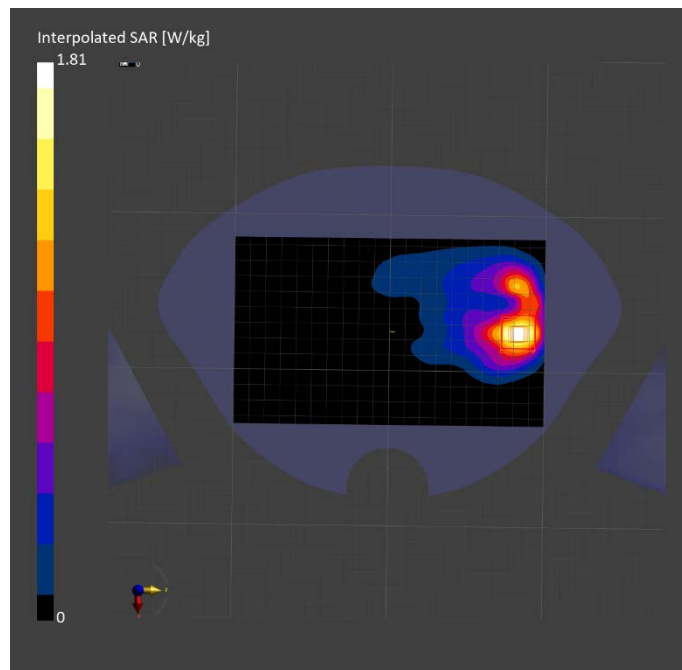
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL2600 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-26, 20:56	2024-02-26, 21:11
psSAR1g [W/kg]	0.905	0.891
psSAR10g [W/kg]	0.448	0.435
Power Drift [dB]	-0.00	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		78.4
Dist 3dB Peak [mm]		10.0



41 Measurement Report for XT2429-1, BACK, Band 41, UID 10172 CAH, Channel 40620 (2593.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.6°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band 41	LTE-TDD, 10172-CAH	2593.000, 40620	7.32	1.88	38.0

Hardware Setup

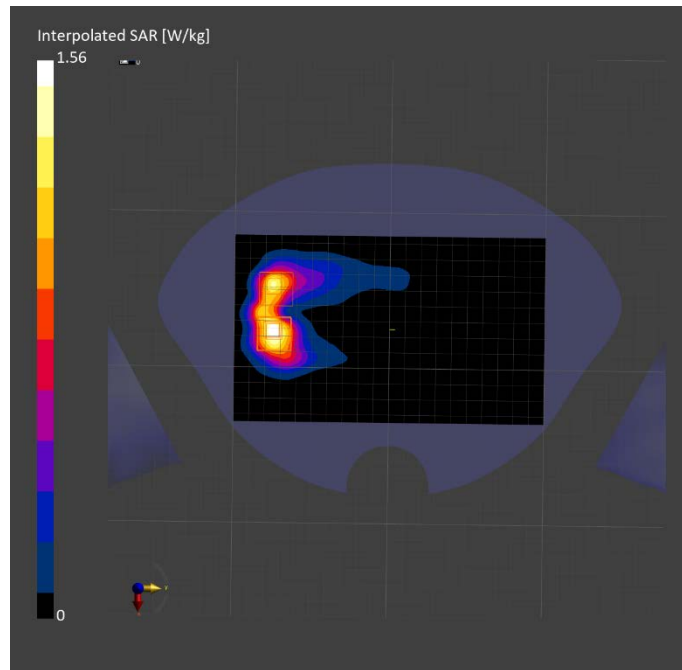
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL2600 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-26, 10:24	2024-02-26, 10:39
psSAR1g [W/kg]	0.651	0.638
psSAR10g [W/kg]	0.312	0.264
Power Drift [dB]	0.03	-0.11
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		75.1
Dist 3dB Peak [mm]		7.1



42 Measurement Report for XT2429-1, BACK, Band n7, UID 10934 AAC, Channel 507000 (2535.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.6°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band n7	5G NR FR1 FDD, 10934-AAC	2535.0, 507000	7.32	1.83	38.1

Hardware Setup

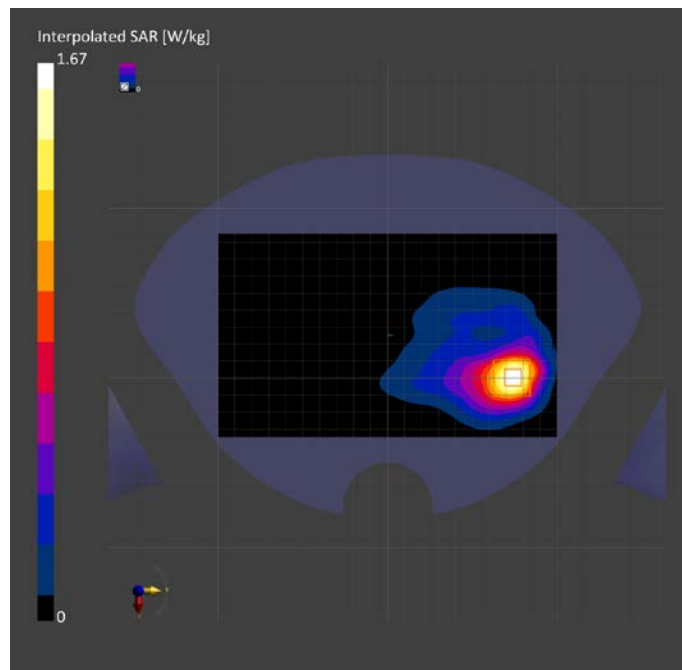
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL2600 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-26, 18:21	2024-02-26, 18:29
psSAR1g [W/kg]	0.802	0.820
psSAR10g [W/kg]	0.399	0.399
Power Drift [dB]	0.02	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		78.2
Dist 3dB Peak [mm]		11.0



43 Measurement Report for XT2429-1, BACK, Band n41, UID 10917 AAB, Channel 528000 (2640.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.6°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band n41	5G NR FR1 TDD, 10917-AAB	2640.000, 528000	7.32	1.88	37.96

Hardware Setup

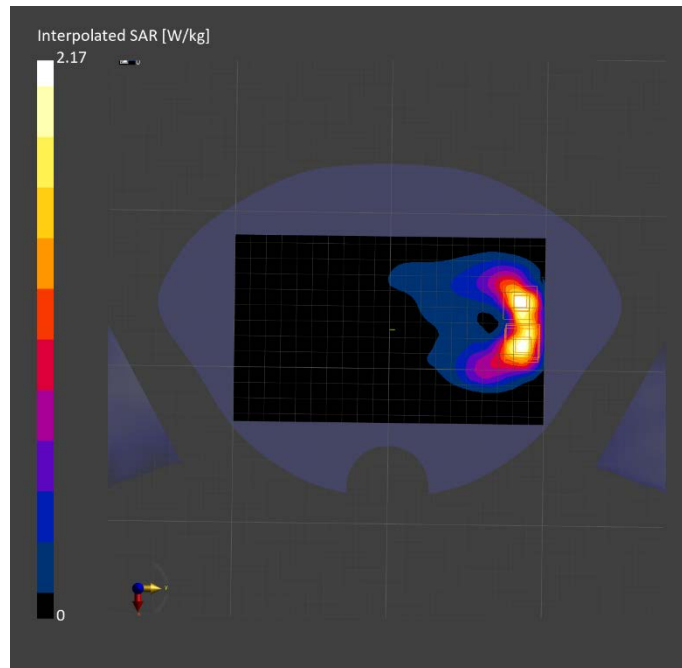
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL2600 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-26, 14:52	2024-02-26, 15:07
psSAR1g [W/kg]	0.877	0.885
psSAR10g [W/kg]	0.417	0.387
Power Drift [dB]	0.07	0.16
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		76.3
Dist 3dB Peak [mm]		8.0



44 Measurement Report for XT2429-1, BACK, Band 42, UID 10172 CAH, Channel 42590 (3500.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band 42	LTE-TDD, 10172-CAH	3500.0, 42590	6.88	2.82	38.8

Hardware Setup

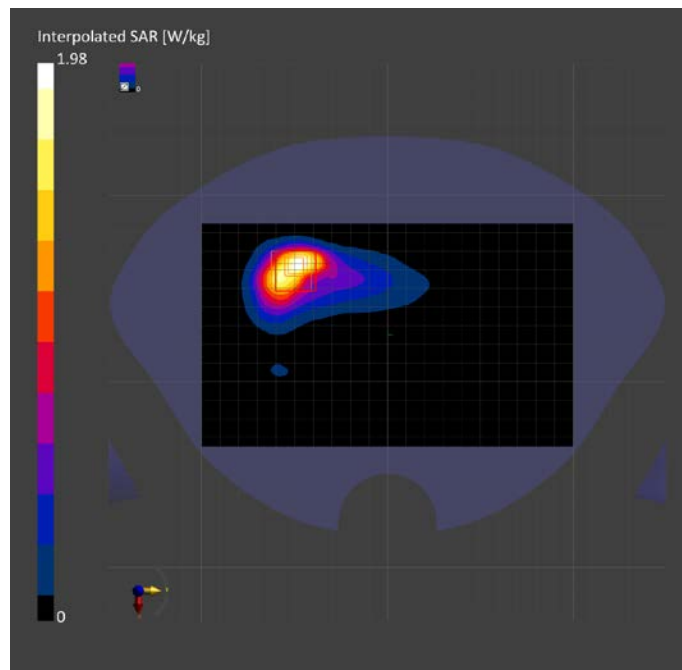
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL3500 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-07, 21:25	2024-03-07, 21:33
psSAR1g [W/kg]	0.684	0.723
psSAR10g [W/kg]	0.295	0.285
Power Drift [dB]	-0.04	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		72.8
Dist 3dB Peak [mm]		7.0



45 Measurement Report for XT2429-1, BACK, Band n78, UID 10866 AAD, Channel 633332 (3499.980MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band n78	5G NR FR1 TDD, 10866-AAD	3499.980, 633332	6.88	2.82	38.5

Hardware Setup

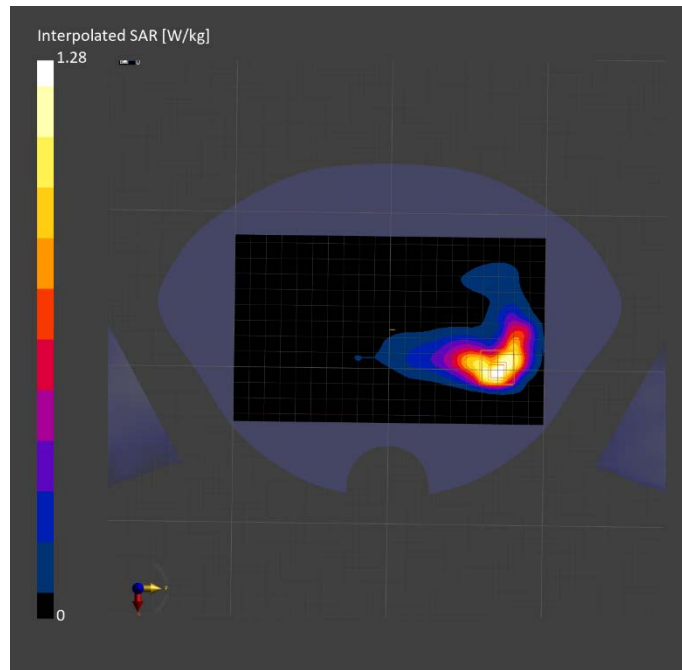
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL3500 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	4.6 x 4.6 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-07, 11:12	2024-03-07, 11:28
psSAR1g [W/kg]	0.931	0.971
psSAR10g [W/kg]	0.404	0.352
Power Drift [dB]	-0.08	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		76.6
Dist 3dB Peak [mm]		6.5



46 Measurement Report for XT2429-1, BACK, ISM 2.4 GHz Band, UID 10035 CAA, Channel 39 (2441.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	ISM 2.4 GHz Band	Bluetooth, 10035-CAA	2441.0, 39	7.5	1.77	38.2

Hardware Setup

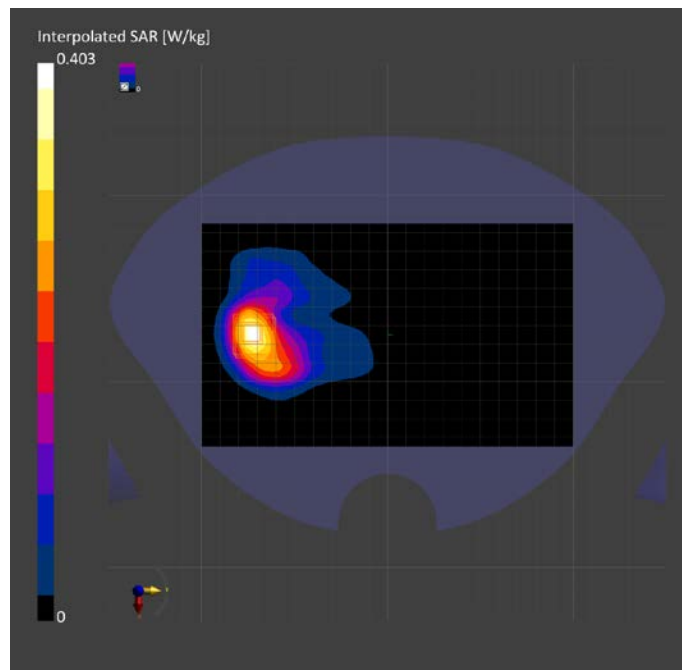
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1860	HSL2450 , --	EX3DV4 - SN7745, 2023-08-22	DAE4 Sn1738, 2023-08-07

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-10, 16:47	2024-03-10, 16:55
psSAR1g [W/kg]	0.137	0.144
psSAR10g [W/kg]	0.068	0.063
Power Drift [dB]	0.03	-0.11
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		69.2
Dist 3dB Peak [mm]		8.9



47 Measurement Report for XT2429-1, BACK, WLAN 2.4GHz, UID 10415 AAA, Channel 6 (2437.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	WLAN 2.4GHz	WLAN, 10415-AAA	2437.0, 6	7.5	1.76	38.2

Hardware Setup

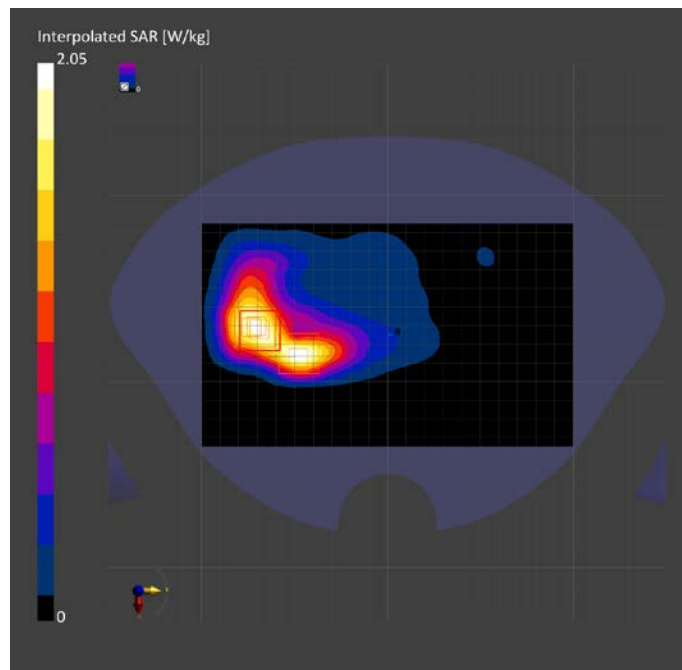
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1860	HSL2450, --	EX3DV4 - SN7745, 2023-08-22	DAE4 Sn1738, 2023-08-07

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-10, 20:26	2024-03-10, 20:47
psSAR1g [W/kg]	0.800	0.825
psSAR10g [W/kg]	0.435	0.438
Power Drift [dB]	0.01	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		78.6
Dist 3dB Peak [mm]		6.0



48 Measurement Report for XT2307-1, BACK, WLAN 5GHz, UID 10591 AAC, Channel 56 (5280.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2307-1	158.0 x 72.0 x 7.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	WLAN 5GHz	WLAN, 10591-AAC	5280.000, 56	5.34	4.66	34.7

Hardware Setup

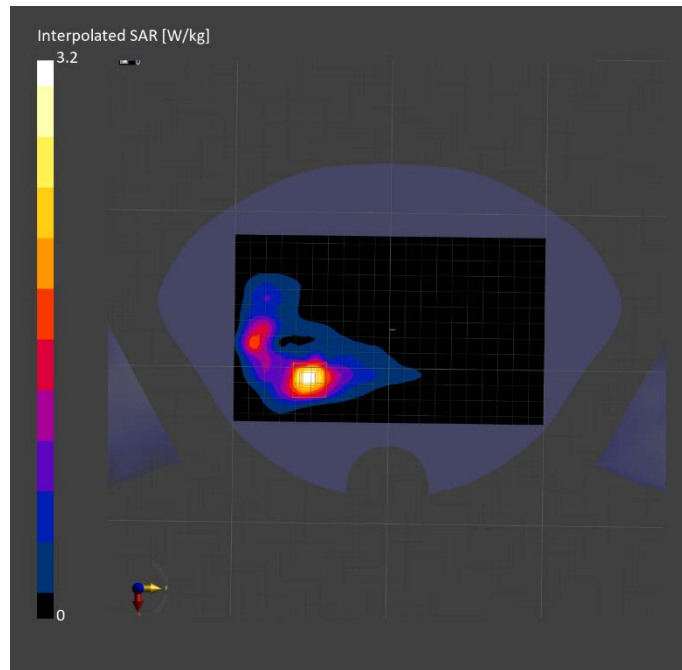
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1860	HSL5250 --	EX3DV4 - SN7745, 2023-08-22	DAE4 Sn1738, 2023-08-07

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-10, 12:47	2024-03-10, 13:34
psSAR1g [W/kg]	0.707	0.857
psSAR10g [W/kg]	0.246	0.275
Power Drift [dB]	-0.01	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.1
Dist 3dB Peak [mm]		6.4



49 Measurement Report for XT2307-1, BACK, WLAN 5GHz, UID 10591 AAC, Channel 132 (5660.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2307-1	158.0 x 72.0 x 7.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	WLAN 5GHz	WLAN, 10591-AAC	5660.000, 132	4.65	5.05	34.0

Hardware Setup

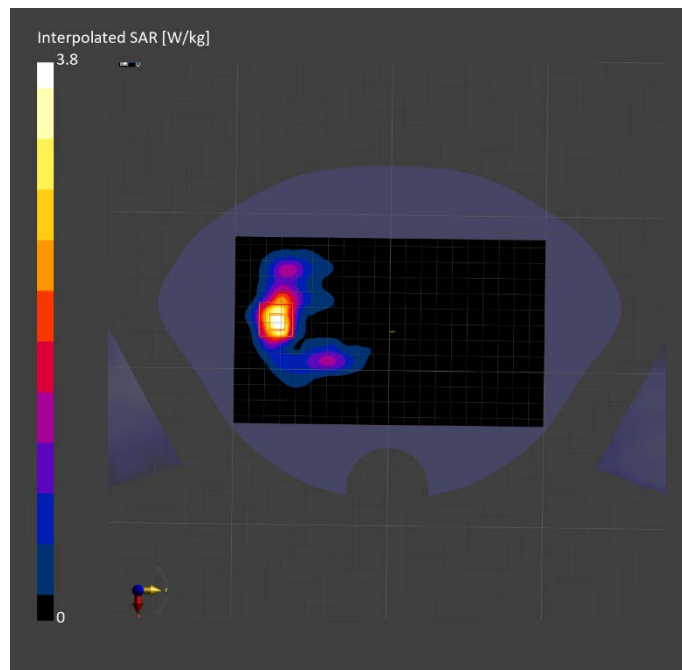
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1860	HSL5600, --	EX3DV4 - SN7745, 2023-08-22	DAE4 Sn1738, 2023-08-07

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-11, 08:43	2024-03-11, 09:51
psSAR1g [W/kg]	0.746	0.919
psSAR10g [W/kg]	0.256	0.279
Power Drift [dB]	0.03	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		58.4
Dist 3dB Peak [mm]		6.1



50 Measurement Report for XT2429-1, BACK, WLAN 5GHz, UID 10317 AAD, Channel 157 (5785.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.5°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	WLAN 5GHz	WLAN, 10317-AAD	5785.0, 157	4.77	5.31	33.9

Hardware Setup

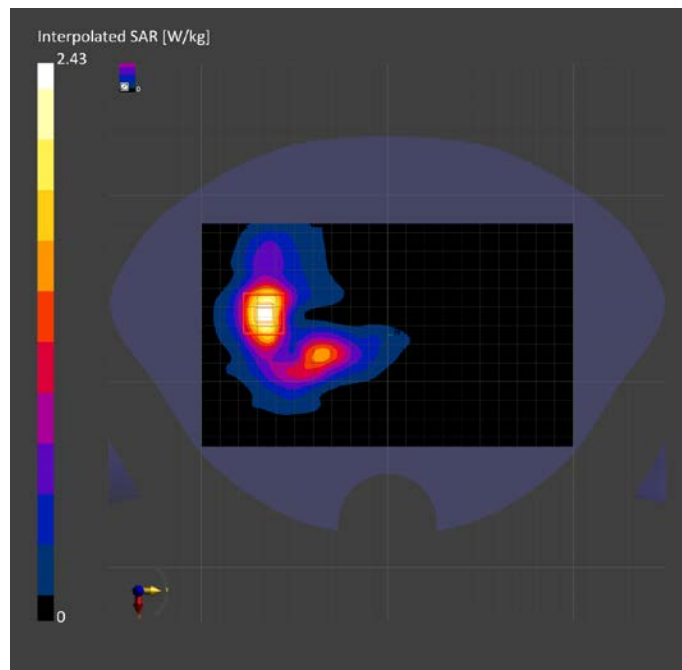
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1860	HSL5750, --	EX3DV4 - SN7745, 2023-08-22	DAE4 Sn1738, 2023-08-07

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-12, 15:02	2024-03-12, 15:11
psSAR1g [W/kg]	0.581	0.602
psSAR10g [W/kg]	0.217	0.203
Power Drift [dB]	-0.00	-0.13
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		58.9
Dist 3dB Peak [mm]		7.9



51 Measurement Report for XT2429-1, BACK, Band 12, UID 10175 CAH, Channel 23130 (711.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band 12	LTE-FDD, 10175-CAH	711.000, 23130	9.1	0.891	41.9

Hardware Setup

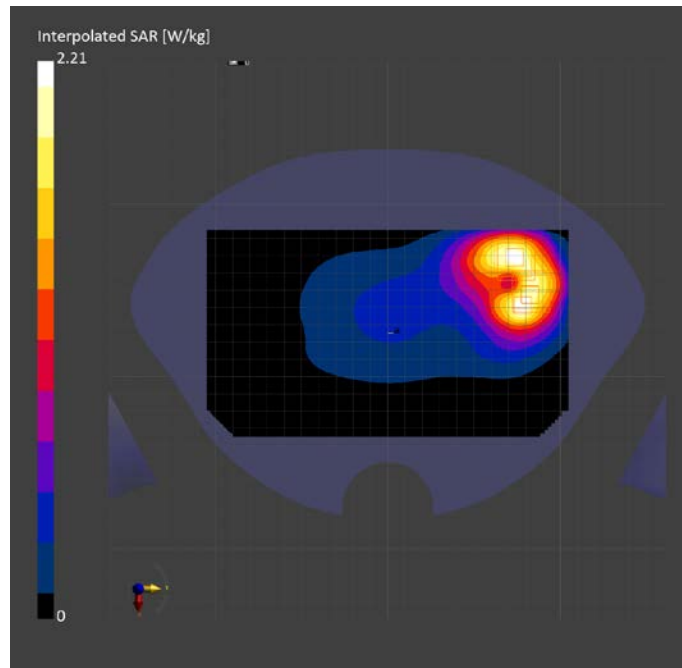
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL750 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.5 x 5.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-20, 13:22	2024-02-20, 13:49
psSAR1g [W/kg]	0.786	0.869
psSAR10g [W/kg]	0.472	0.408
Power Drift [dB]	-0.20	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		72.2
Dist 3dB Peak [mm]		8.0



Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band 13	LTE-FDD, 10175-CAH	782.000, 23230	9.1	0.88	41.8

Hardware Setup

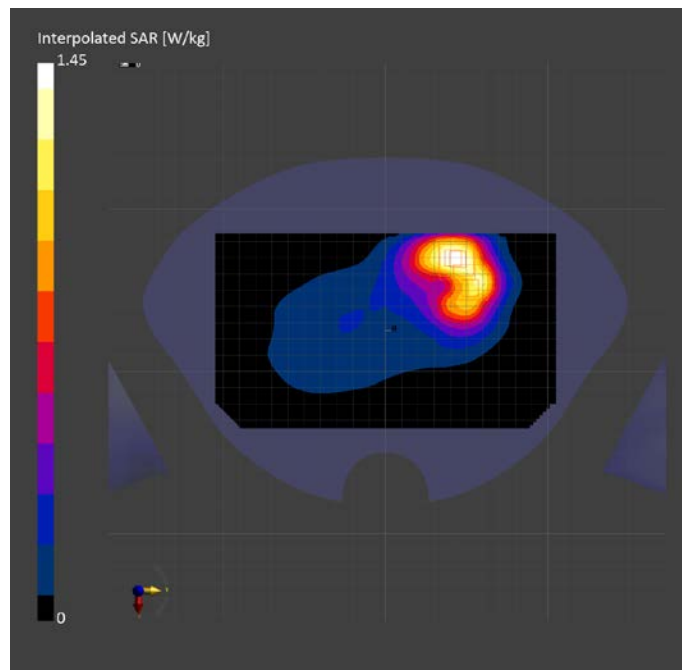
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL750 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.7 x 5.7 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-20, 18:28	2024-02-20, 18:43
psSAR1g [W/kg]	0.617	0.580
psSAR10g [W/kg]	0.380	0.288
Power Drift [dB]	-0.12	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		71.0
Dist 3dB Peak [mm]		8.7



53 Measurement Report for XT2429-1, BACK, GSM 850, UID 10023 DAC, Channel 251 (848.800MHz)

Device under Test Properties

Model	Dimensions [mm]	
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	GSM 850	GSM, 10023-DAC	848.800, 251	9.07	0.936	42.6

Hardware Setup

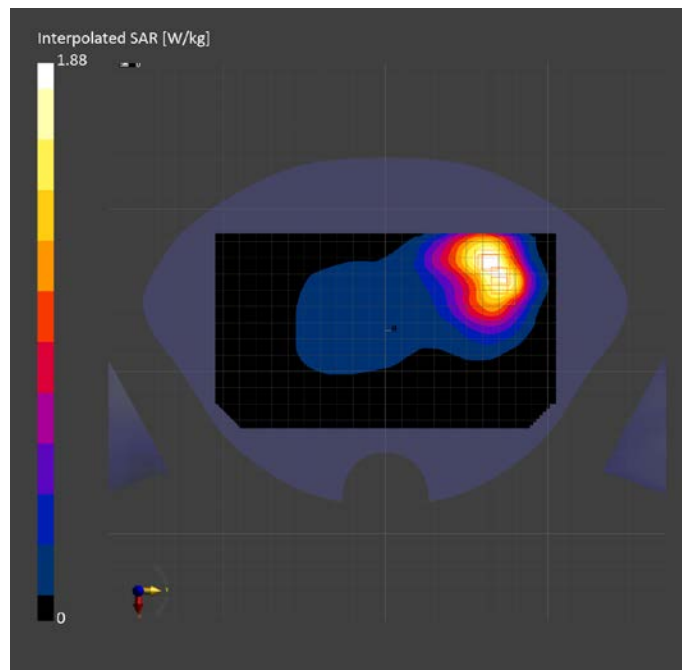
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL835 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-23, 11:30	2024-02-23, 11:37
psSAR1g [W/kg]	0.805	0.797
psSAR10g [W/kg]	0.522	0.404
Power Drift [dB]	-0.01	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		73.4
Dist 3dB Peak [mm]		7.7



Device under Test Properties

Model	Dimensions [mm]	
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band 5	WCDMA, 10011-CAC	836.4, 4182	9.07	0.933	42.6

Hardware Setup

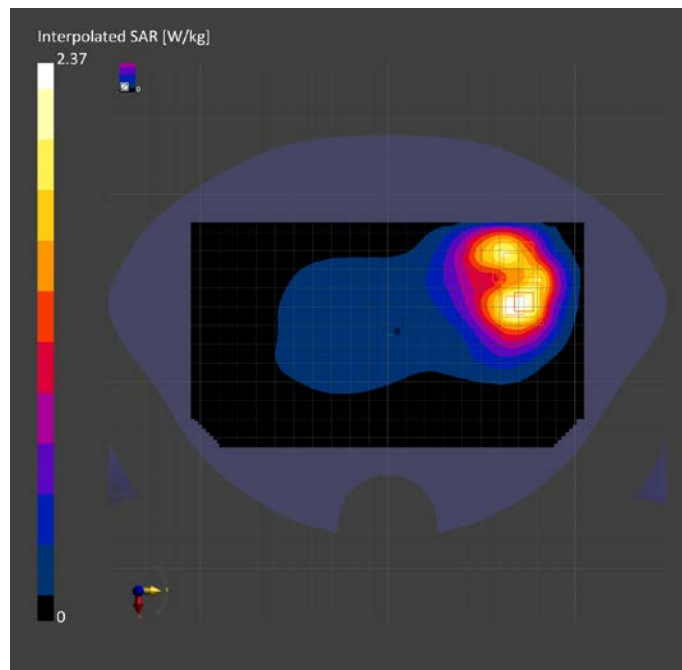
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL835 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-23, 14:54	2024-02-23, 15:06
psSAR1g [W/kg]	1.02	0.937
psSAR10g [W/kg]	0.623	0.481
Power Drift [dB]	-0.00	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		70.5
Dist 3dB Peak [mm]		6.8



Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band 26	LTE-FDD, 10181-CAF	841.500, 26965	9.07	0.935	42.6

Hardware Setup

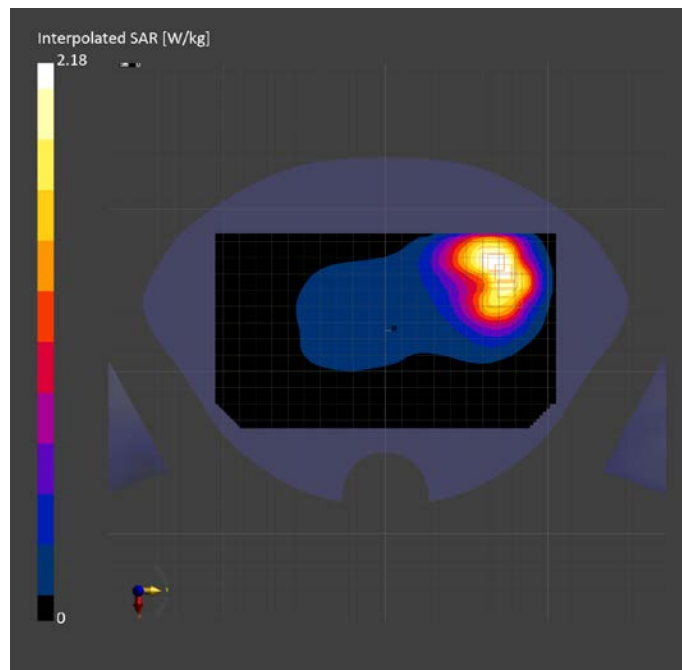
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL835 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-23, 09:38	2024-02-23, 10:14
psSAR1g [W/kg]	1.01	0.934
psSAR10g [W/kg]	0.639	0.470
Power Drift [dB]	0.01	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		72.4
Dist 3dB Peak [mm]		9.4



56 Measurement Report for XT2429-1, BACK, Band n26, UID 10939 AAC, Channel 166300 (831.500MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band n26	5G NR FR1 FDD, 10939-AAC	831.500, 166300	9.07	0.935	42.6

Hardware Setup

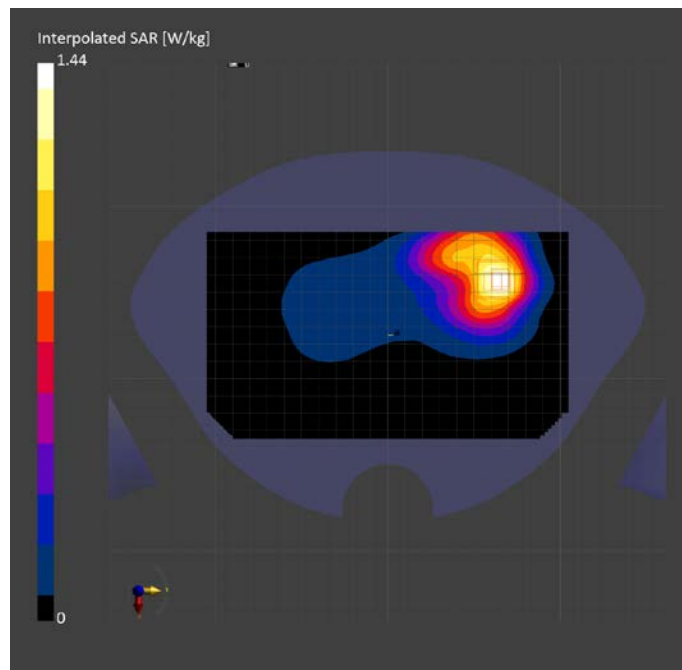
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL835 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-23, 20:26	2024-02-23, 20:37
psSAR1g [W/kg]	0.630	0.623
psSAR10g [W/kg]	0.389	0.316
Power Drift [dB]	-0.11	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		75.7
Dist 3dB Peak [mm]		9.2



Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.6°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	Band n5	5G NR FR1 FDD, 10939-AAC	836.500, 167300	9.07	0.897	41.6

Hardware Setup

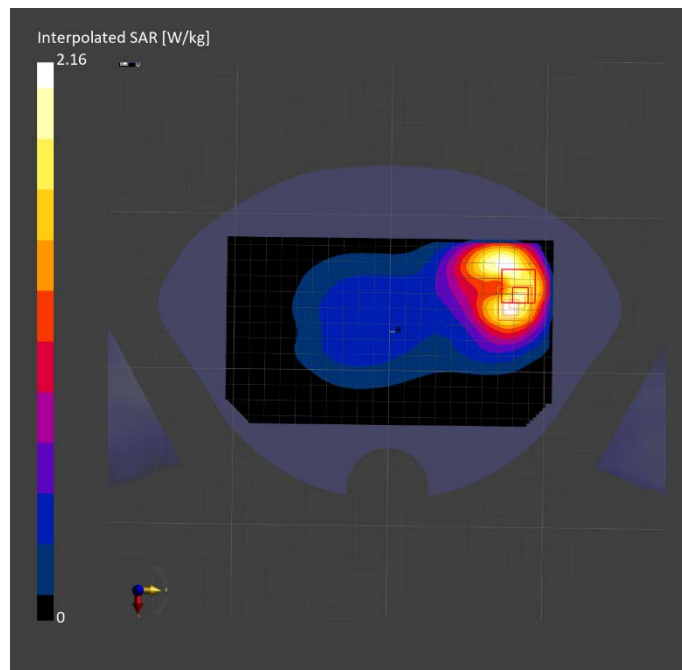
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL835 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-22, 17:00	2024-02-22, 17:23
psSAR1g [W/kg]	0.894	1.01
psSAR10g [W/kg]	0.569	0.489
Power Drift [dB]	-0.59	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.8
Dist 3dB Peak [mm]		9.7



58 Measurement Report for XT2429-1, EDGE BOTTOM, Band 4, UID 10457 AAB, Channel 1312 (1712.400MHz)

Device under Test Properties

Model	Dimensions [mm]	
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.8°C; Liquid Temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE BOTTOM, 5.00	Band 4	WCDMA, 10457-AAB	1712.400, 1312	8.86	1.30	38.4

Hardware Setup

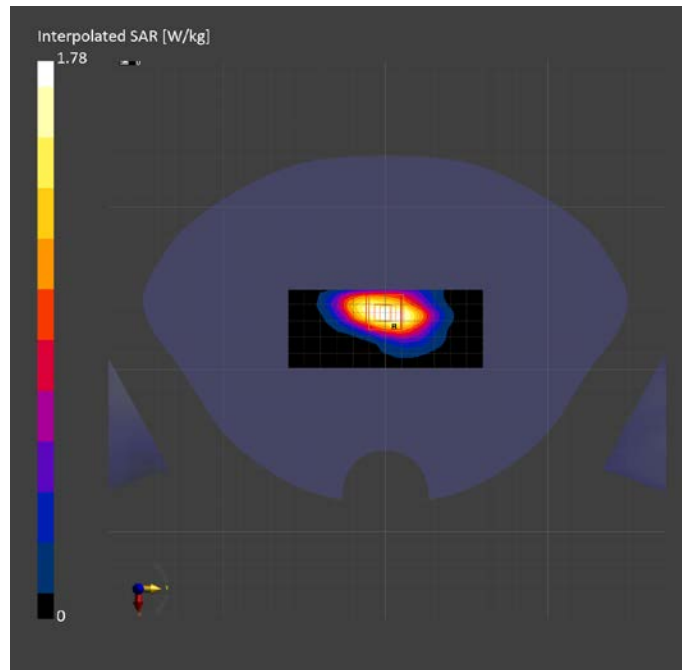
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1750 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-04, 10:12	2024-03-04, 10:28
psSAR1g [W/kg]	0.888	0.907
psSAR10g [W/kg]	0.484	0.478
Power Drift [dB]	0.00	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.0
Dist 3dB Peak [mm]		8.8



Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.8°C; Liquid Temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE BOTTOM, 5.00	Band 66	LTE-FDD, 10169-CAF	1770.000, 132572	8.86	1.33	38.3

Hardware Setup

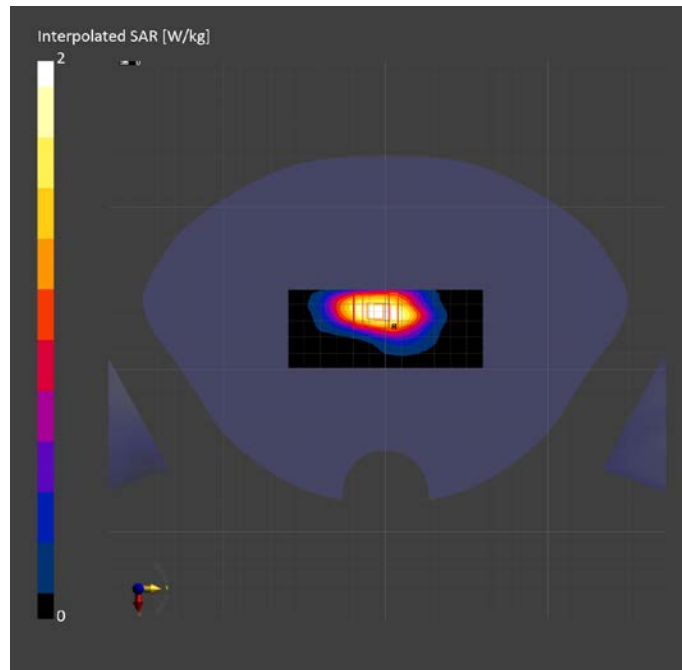
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1750 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-04, 20:58	2024-03-04, 21:14
psSAR1g [W/kg]	1.06	1.02
psSAR10g [W/kg]	0.570	0.531
Power Drift [dB]	-0.09	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.0
Dist 3dB Peak [mm]		8.1



Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.8°C; Liquid Temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE BOTTOM, 5.00	Band n66	5G NR FR1 FDD, 10934-AAC	1760.000, 352000	8.86	1.32	38.3

Hardware Setup

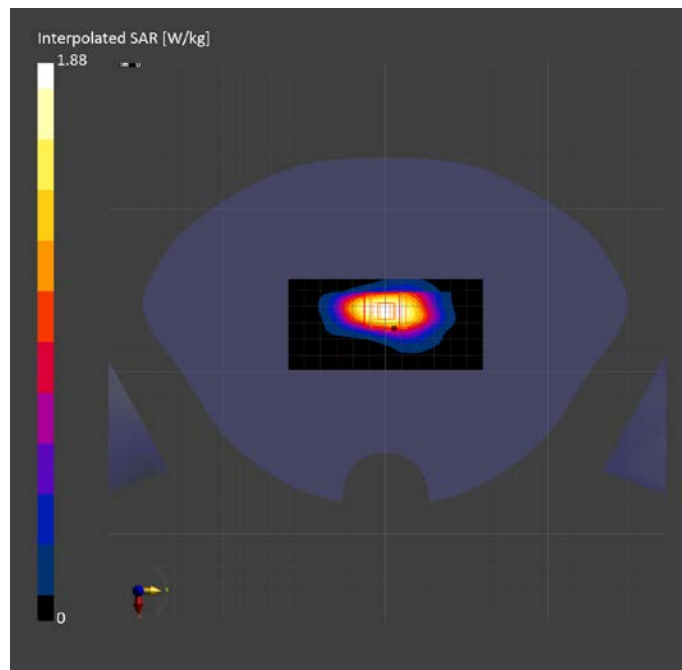
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1750 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-04, 14:56	2024-03-04, 15:09
psSAR1g [W/kg]	0.937	0.949
psSAR10g [W/kg]	0.507	0.490
Power Drift [dB]	0.01	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.3
Dist 3dB Peak [mm]		8.4



61 Measurement Report for XT2429-1, EDGE BOTTOM, PCS 1900, UID 10024 DAC, Channel 661 (1880.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.8°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE BOTTOM, 5.00	PCS 1900	GSM, 10024-DAC	1880.000, 661	8.46	1.42	40.5

Hardware Setup

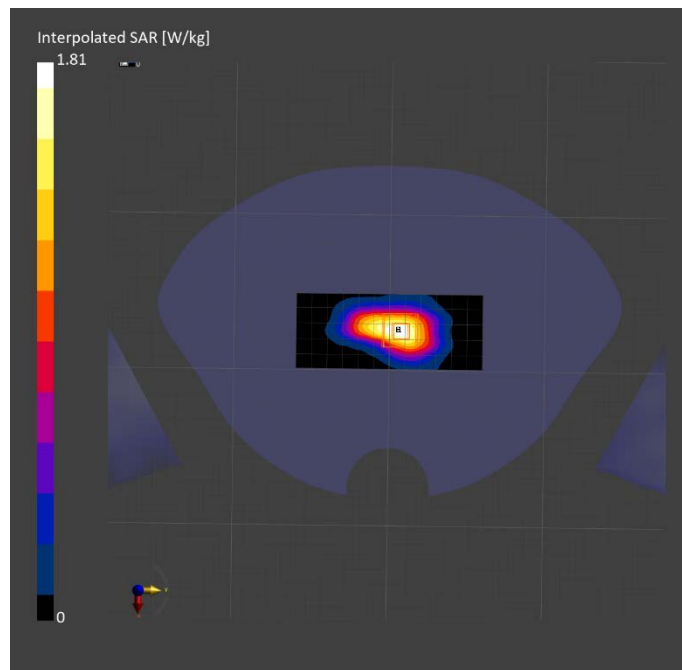
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1900 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-08, 16:31	2024-03-08, 16:42
psSAR1g [W/kg]	0.939	0.977
psSAR10g [W/kg]	0.498	0.511
Power Drift [dB]	-0.35	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		77.1
Dist 3dB Peak [mm]		9.9



62 Measurement Report for XT2429-1, EDGE BOTTOM, Band 2, UID 10457 AAB, Channel 9262 (1852.400MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.8°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE BOTTOM, 5.00	Band 2	WCDMA, 10457-AAB	1852.400, 9262	8.46	1.40	40.3

Hardware Setup

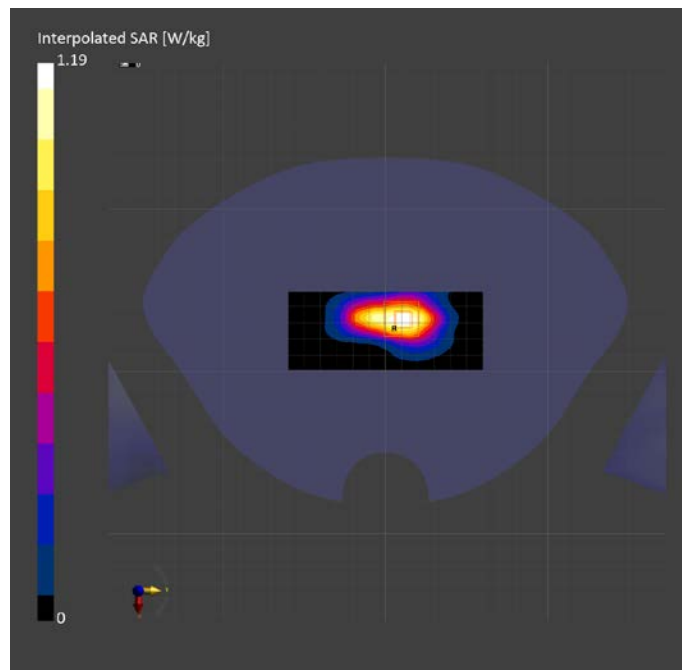
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1900 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-08, 19:29	2024-03-08, 19:36
psSAR1g [W/kg]	0.955	0.948
psSAR10g [W/kg]	0.501	0.502
Power Drift [dB]	-0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		83.5
Dist 3dB Peak [mm]		10.8



63 Measurement Report for XT2429-1, EDGE BOTTOM, Band 25, UID 10100 CAF, Channel 26340 (1880.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.8°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE BOTTOM, 5.00	Band 25	LTE-FDD, 10100-CAF	1880.000, 26340	8.46	1.41	40.2

Hardware Setup

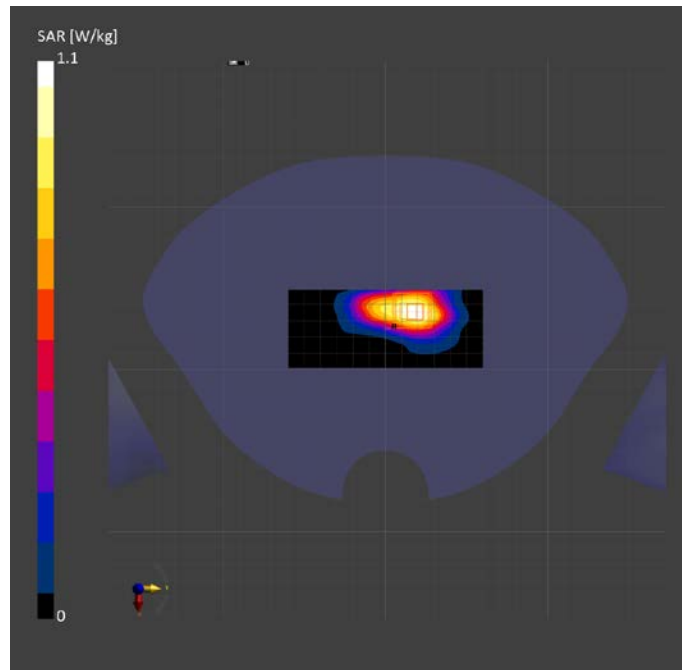
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1900 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-08, 13:23	2024-03-08, 13:29
psSAR1g [W/kg]	0.986	1.01
psSAR10g [W/kg]	0.529	0.531
Power Drift [dB]	0.01	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		83.0
Dist 3dB Peak [mm]		10.8



64 Measurement Report for XT2429-1, EDGE BOTTOM, Band n2, UID 10947 AAC, Channel 376000 (1880.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.8°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE BOTTOM, 5.00	Band n2	5G NR FR1 FDD, 10947-AAC	1880.000, 376000	8.46	1.44	40.2

Hardware Setup

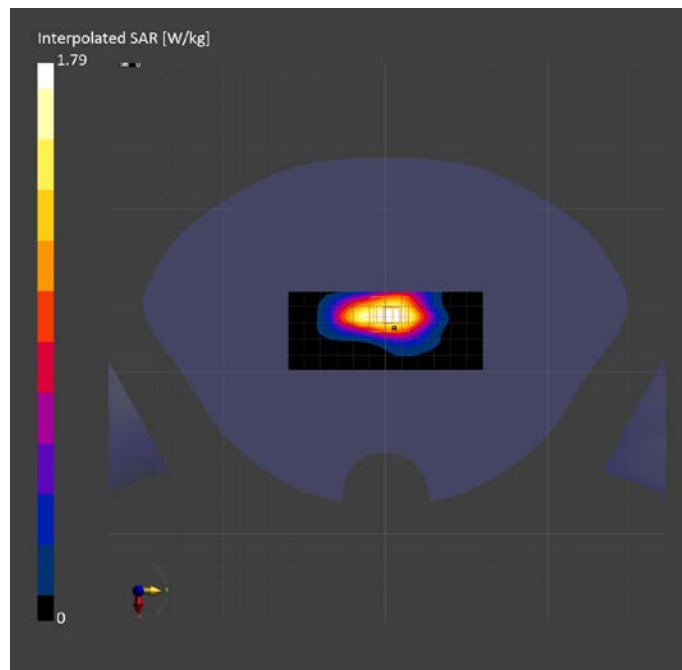
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1900 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-08, 22:01	2024-03-08, 22:07
psSAR1g [W/kg]	0.941	0.969
psSAR10g [W/kg]	0.507	0.515
Power Drift [dB]	-0.06	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		83.6
Dist 3dB Peak [mm]		10.3



Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.8°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE BOTTOM, 5.00	Band 7	LTE-FDD, 10169-CAF	2510.000, 20850	7.32	1.89	38.1

Hardware Setup

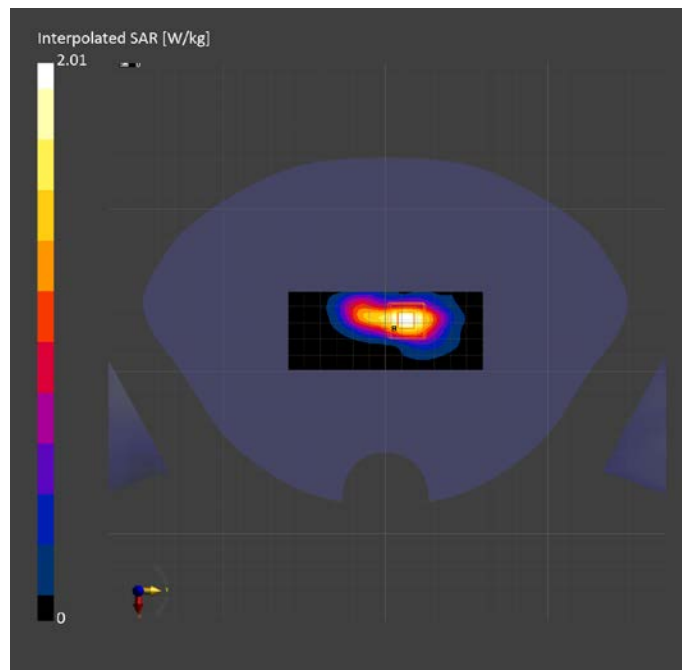
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL2600 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-27, 10:00	2024-02-27, 10:08
psSAR1g [W/kg]	0.931	0.934
psSAR10g [W/kg]	0.428	0.434
Power Drift [dB]	-0.00	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		78.3
Dist 3dB Peak [mm]		8.0



66 Measurement Report for XT2429-1, EDGE BOTTOM, Band 41, UID 10172 CAH, Channel 39750 (2506.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.8°C; Liquid Temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE BOTTOM, 5.00	Band 41	LTE-TDD, 10172-CAH	2506.0, 39750	7.32	1.92	39.9

Hardware Setup

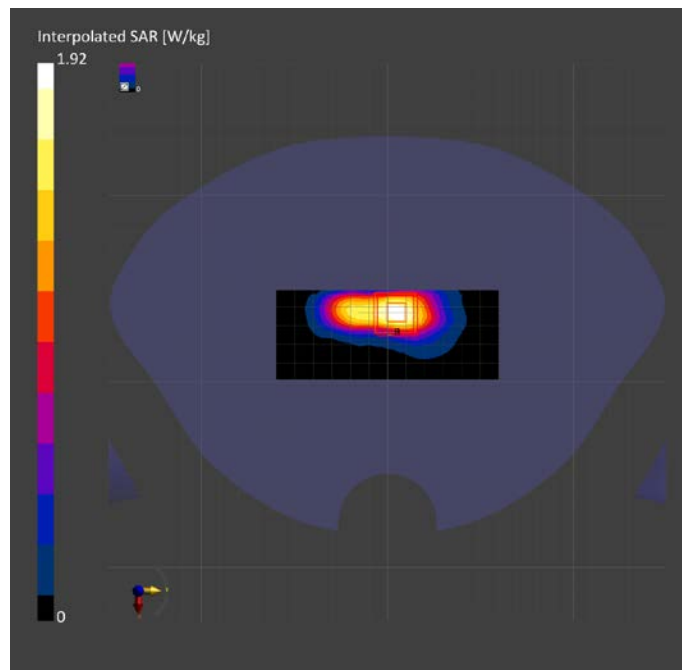
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL2600 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-28, 18:59	2024-02-28, 19:16
psSAR1g [W/kg]	0.925	0.920
psSAR10g [W/kg]	0.440	0.418
Power Drift [dB]	-0.11	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		81.0
Dist 3dB Peak [mm]		8.0



Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.8°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE BOTTOM, 5.00	Band n7	5G NR FR1 FDD, 10934-AAC	2535.000, 507000	7.32	1.89	38.1

Hardware Setup

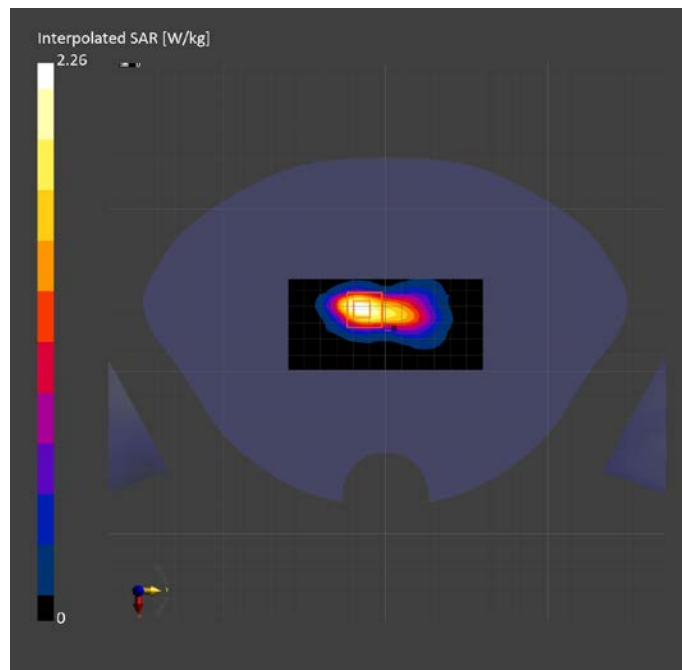
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL2600 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-27, 12:18	2024-02-27, 12:25
psSAR1g [W/kg]	0.978	1.00
psSAR10g [W/kg]	0.443	0.435
Power Drift [dB]	0.03	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		77.5
Dist 3dB Peak [mm]		7.7



Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.8°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE BOTTOM, 5.00	Band n41	5G NR FR1 TDD, 10866-AAD	2546.010, 509202	7.32	1.92	39.9

Hardware Setup

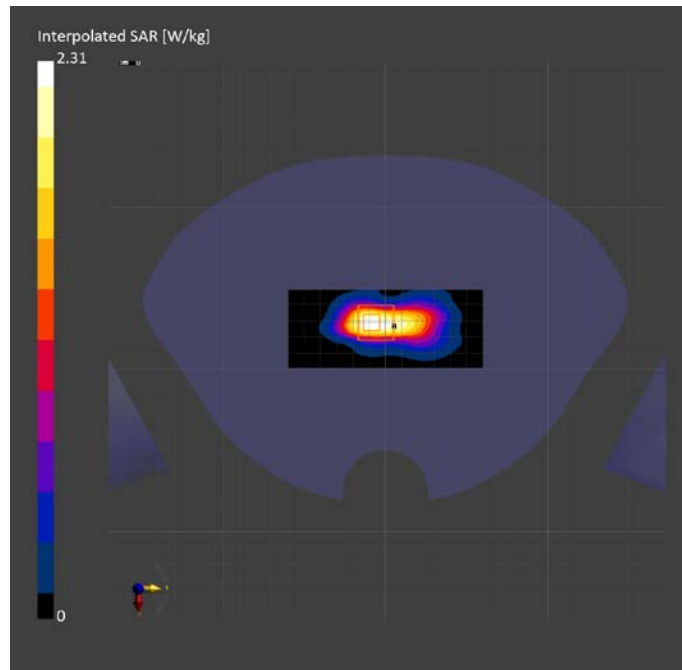
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL2600 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-27, 16:45	2024-02-27, 16:53
psSAR1g [W/kg]	1.09	1.04
psSAR10g [W/kg]	0.507	0.476
Power Drift [dB]	-0.06	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		77.4
Dist 3dB Peak [mm]		8.3



69 Measurement Report for XT2429-1, EDGE LEFT, Band 42, UID 10151 CAH, Channel 42590 (3500.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.6°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE LEFT, 5.00	Band 42	LTE-TDD, 10151-CAH	3500.000, 42590	6.88	2.83	38.6

Hardware Setup

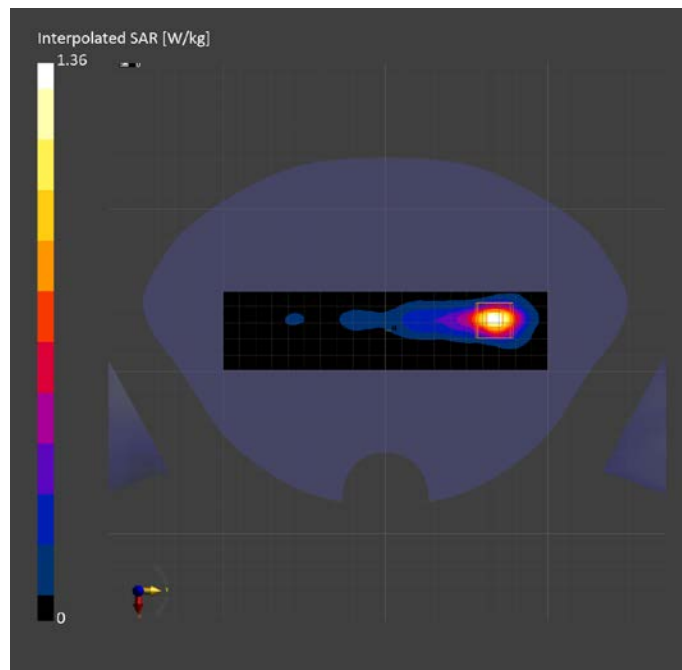
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL3500 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-08, 10:01	2024-03-08, 10:08
psSAR1g [W/kg]	0.476	0.497
psSAR10g [W/kg]	0.171	0.176
Power Drift [dB]	-0.03	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		74.8
Dist 3dB Peak [mm]		6.0



Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.6°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE RIGHT, 5.00	Band n78	5G NR FR1 TDD, 10866-AAD	3499.980, 633332	6.88	2.82	38.5

Hardware Setup

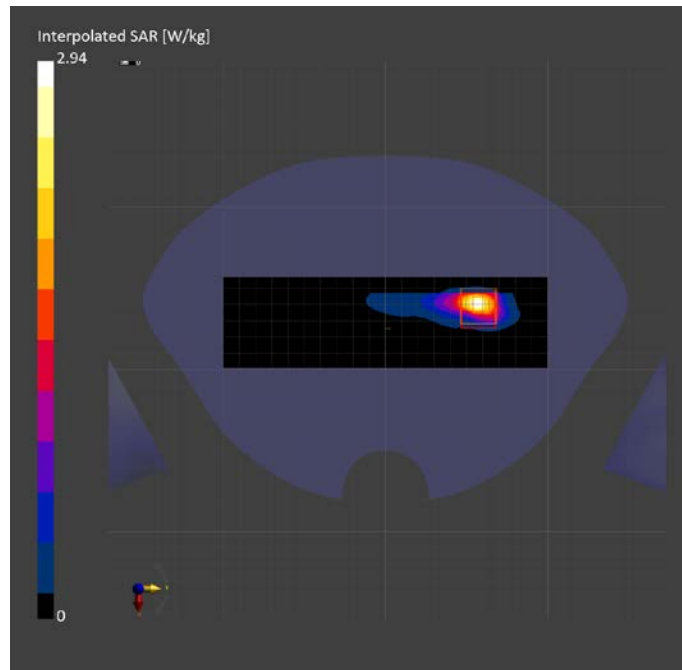
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL3500 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	8.0 x 10.0	4.6 x 4.6 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-08, 17:34	2024-03-08, 17:43
psSAR1g [W/kg]	0.918	0.958
psSAR10g [W/kg]	0.312	0.314
Power Drift [dB]	0.08	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		72.1
Dist 3dB Peak [mm]		5.6



Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 5.00	ISM 2.4 GHz Band	Bluetooth, 10035-CAA	2441.0, 39	7.5	1.77	38.2

Hardware Setup

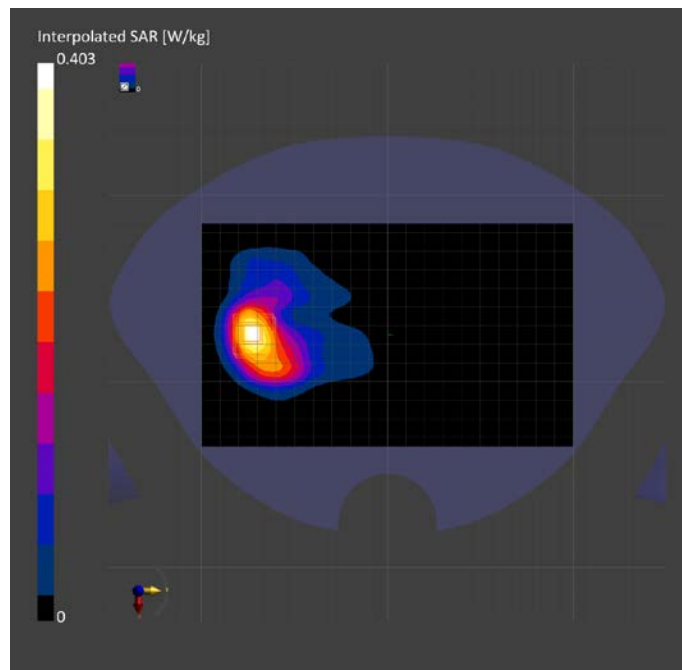
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1860	HSL2450 , --	EX3DV4 - SN7745, 2023-08-22	DAE4 Sn1738, 2023-08-07

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-10, 16:47	2024-03-10, 16:55
psSAR1g [W/kg]	0.137	0.144
psSAR10g [W/kg]	0.068	0.063
Power Drift [dB]	0.03	-0.11
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		69.2
Dist 3dB Peak [mm]		8.9



72 Measurement Report for XT2429-1, EDGE TOP, WLAN 2.4GHz, UID 10415 AAA, Channel 6 (2437.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE TOP, 5.00	WLAN 2.4GHz	WLAN, 10415-AAA	2437.0, 6	7.5	1.76	38.2

Hardware Setup

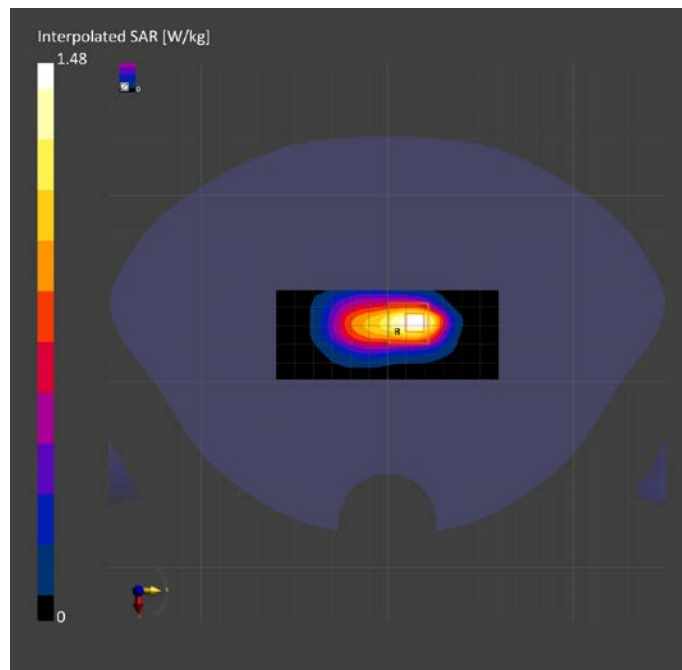
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1860	HSL2450, --	EX3DV4 - SN7745, 2023-08-22	DAE4 Sn1738, 2023-08-07

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-10, 17:44	2024-03-10, 17:53
psSAR1g [W/kg]	0.718	0.691
psSAR10g [W/kg]	0.344	0.324
Power Drift [dB]	-0.02	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.5
Dist 3dB Peak [mm]		8.9



73 Measurement Report for XT2429-1, EDGE TOP, WLAN 5GHz, UID 10591 AAC, Channel 44 (5220.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE TOP, 5.00	WLAN 5GHz	WLAN, 10591-AAC	5220.0, 44	5.34	4.67	34.9

Hardware Setup

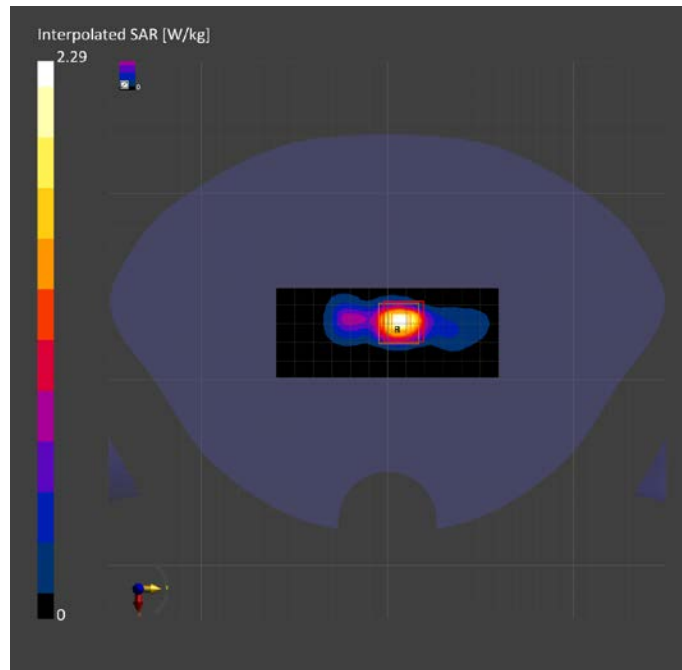
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1860	HSL5250 --	EX3DV4 - SN7745, 2023-08-22	DAE4 Sn1738, 2023-08-07

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-10, 12:52	2024-03-10, 13:00
psSAR1g [W/kg]	0.611	0.597
psSAR10g [W/kg]	0.191	0.172
Power Drift [dB]	0.10	0.10
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		65.0
Dist 3dB Peak [mm]		6.1



75 Measurement Report for XT2429-1, EDGE TOP, WLAN 5GHz, UID 10317 AAD, Channel 149 (5745.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.5°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE TOP, 5.00	WLAN 5GHz	WLAN, 10317-AAD	5745.0, 149	4.77	5.26	33.7

Hardware Setup

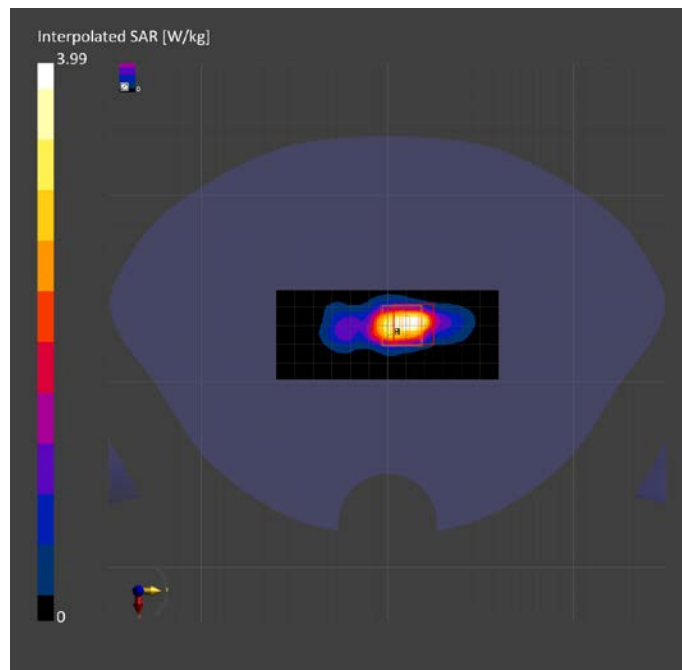
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1860	HSL5750, --	EX3DV4 - SN7745, 2023-08-22	DAE4 Sn1738, 2023-08-07

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-12, 15:39	2024-03-12, 15:47
psSAR1g [W/kg]	0.822	0.876
psSAR10g [W/kg]	0.275	0.246
Power Drift [dB]	-0.01	-0.11
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.8
Dist 3dB Peak [mm]		5.6



75 Measurement Report for XT2429-1, FRONT, Band 4, UID 10011 CAC, Channel 1413 (1732.600MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	FRONT, 0.00	Band 4	WCDMA, 10011-CAC	1732.600, 1413	8.86	1.35	41.0

Hardware Setup

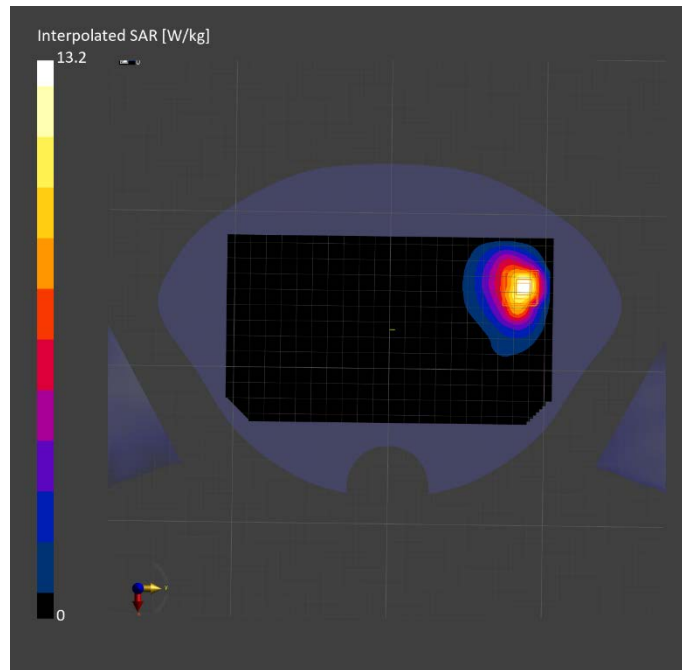
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1750 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-05, 10:54	2024-03-05, 11:02
psSAR1g [W/kg]	4.26	5.00
psSAR10g [W/kg]	2.26	2.28
Power Drift [dB]	-0.03	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		71.1
Dist 3dB Peak [mm]		6.0



Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE BOTTOM, 0.00	Band 66	LTE-FDD, 10169-CAF	1770.000, 132572	8.86	1.33	41.0

Hardware Setup

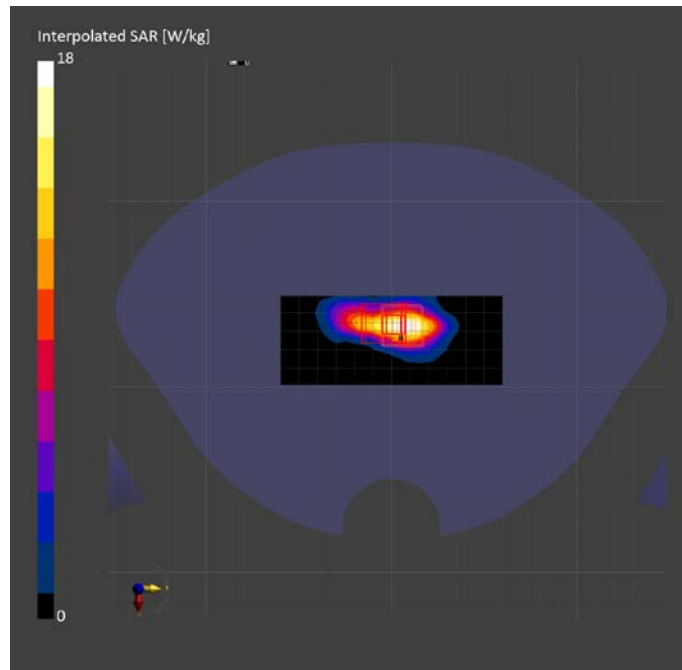
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1750 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-05, 20:20	2024-03-05, 20:47
psSAR1g [W/kg]	5.09	4.96
psSAR10g [W/kg]	2.50	2.06
Power Drift [dB]	-0.04	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.8
Dist 3dB Peak [mm]		4.6



Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 0.00	Band n66	5G NR FR1 FDD, 10942-AAC	1745.000, 349000	8.86	1.34	41

Hardware Setup

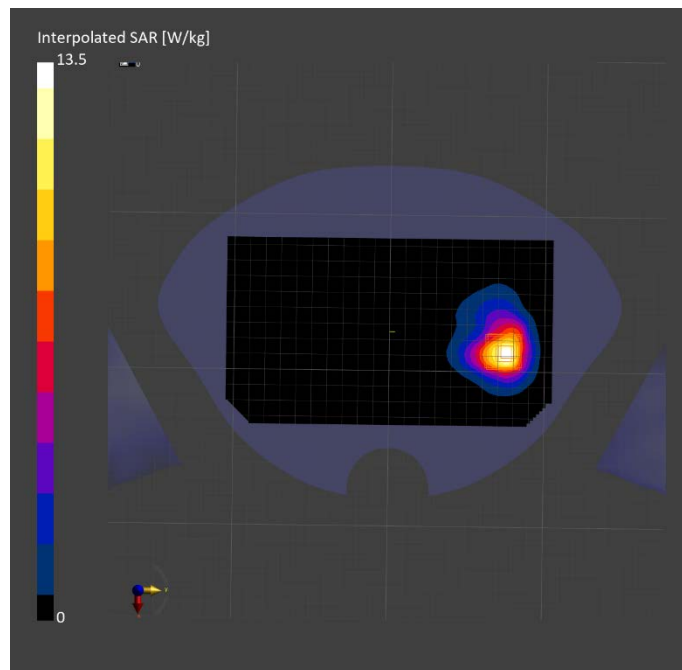
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1750 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-05, 15:30	2024-03-05, 15:38
psSAR1g [W/kg]	4.53	5.26
psSAR10g [W/kg]	2.37	2.43
Power Drift [dB]	-0.00	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		72.1
Dist 3dB Peak [mm]		6.3



78 Measurement Report for XT2429-1, FRONT, PCS 1900, UID 10023 DAC, Channel 810 (1909.800MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	FRONT, 0.00	PCS 1900	GSM, 10023-DAC	1909.800, 810	8.46	1.43	40.2

Hardware Setup

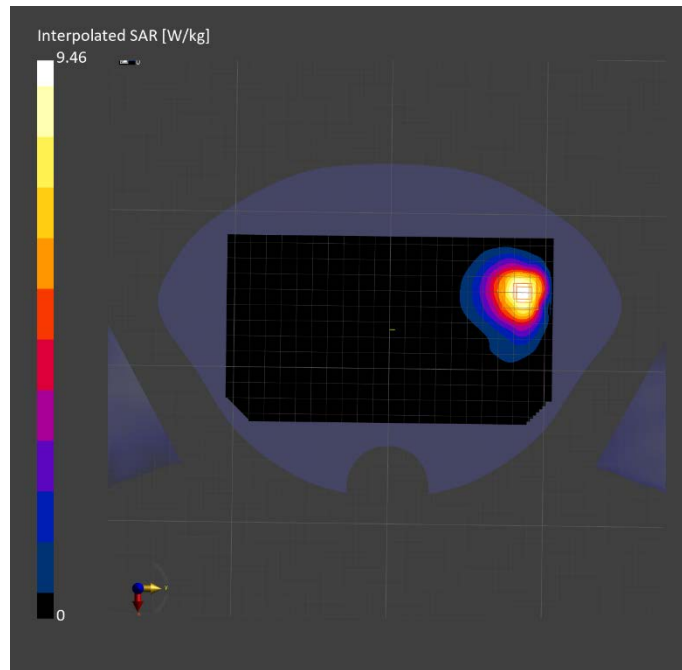
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1900 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-09, 11:53	2024-03-09, 12:01
psSAR1g [W/kg]	3.08	3.48
psSAR10g [W/kg]	1.62	1.58
Power Drift [dB]	-0.01	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		70.2
Dist 3dB Peak [mm]		6.0



79 Measurement Report for XT2429-1, FRONT, Band 2, UID 10011 CAC, Channel 9400 (1880.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	FRONT, 0.00	Band 2	WCDMA, 10011-CAC	1880.000, 9400	7.9	1.41	40.2

Hardware Setup

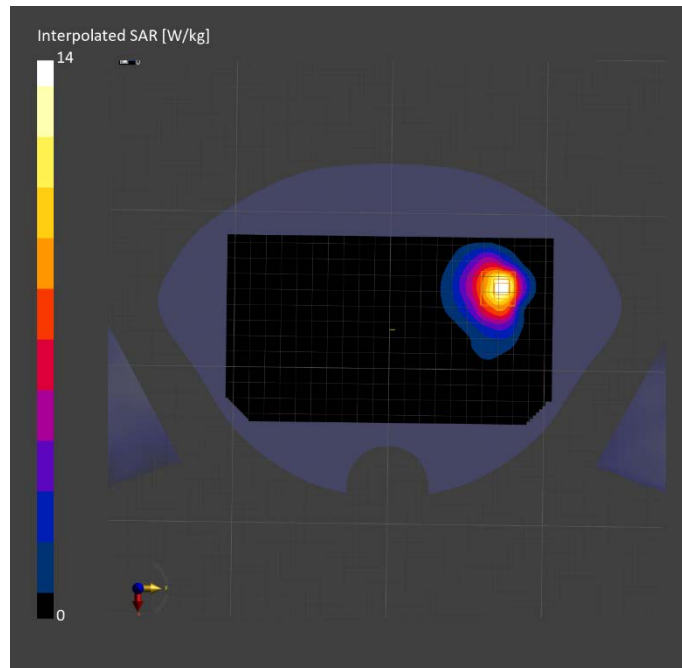
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1900 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-09, 10:42	2024-03-09, 10:50
psSAR1g [W/kg]	4.71	5.05
psSAR10g [W/kg]	2.36	2.27
Power Drift [dB]	0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		70.8
Dist 3dB Peak [mm]		6.0



80 Measurement Report for XT2429-1, FRONT, Band 25, UID 10297 AAE, Channel 26340 (1880.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	FRONT, 0.00	Band 25	LTE-FDD, 10297-AAE	1880.000, 26340	8.46	1.45	40.8

Hardware Setup

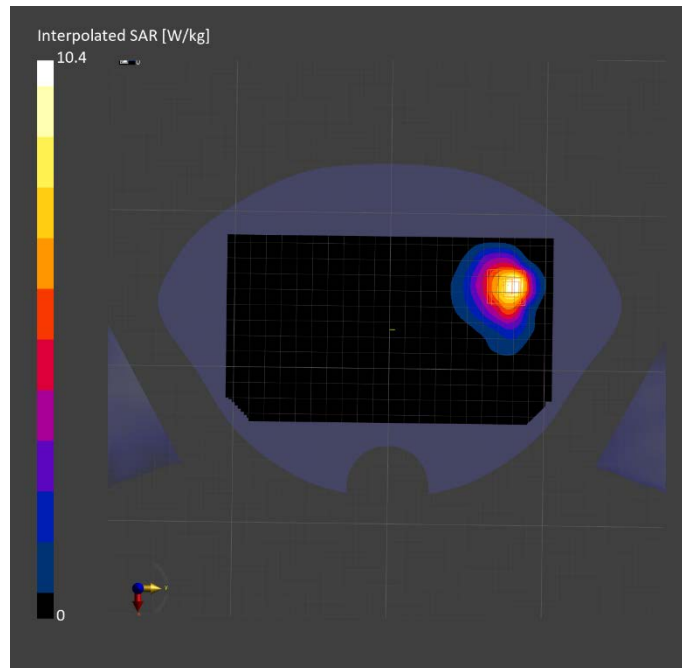
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1900 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.3 x 5.3 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-09, 13:19	2024-03-09, 14:26
psSAR1g [W/kg]	3.48	3.97
psSAR10g [W/kg]	1.79	1.79
Power Drift [dB]	0.01	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		71.0
Dist 3dB Peak [mm]		5.8



81 Measurement Report for XT2429-1, FRONT, Band n2, UID 10931 AAC, Channel 372000 (1860.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	FRONT, 5.00	Band n2	5G NR FR1 FDD, 10931-AAC	1860.0, 372000	8.46	1.45	40.6

Hardware Setup

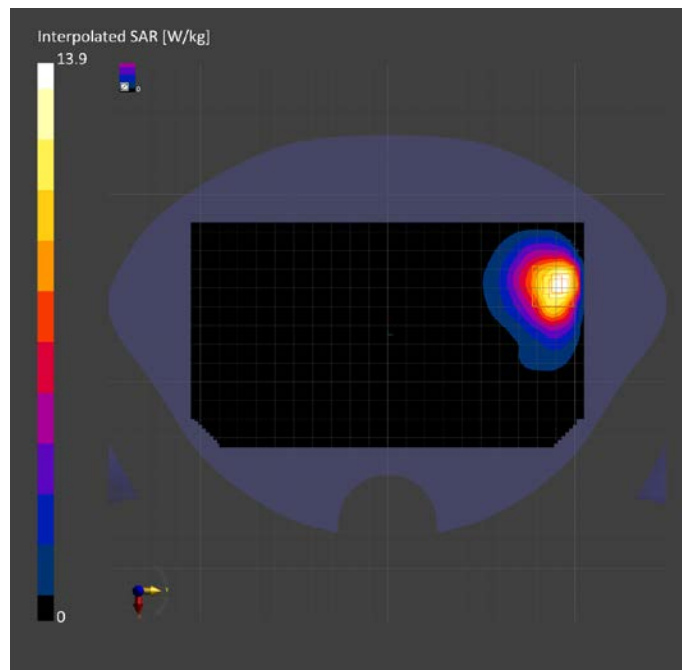
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2157	HSL1900 --	EX3DV4 - SN7846, 2023-10-03	DAE4 Sn1806, 2023-10-06

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-09, 14:59	2024-03-09, 15:07
psSAR1g [W/kg]	5.30	5.03
psSAR10g [W/kg]	2.71	2.26
Power Drift [dB]	0.01	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		69.3
Dist 3dB Peak [mm]		5.9



82 Measurement Report for XT2429-1, EDGE BOTTOM, Band 7, UID 10100 CAF, Channel 21350 (2560.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.8°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE BOTTOM, 0.00	Band 7	LTE-FDD, 10100-CAF	2560.0, 21350	7.32	1.95	40.2

Hardware Setup

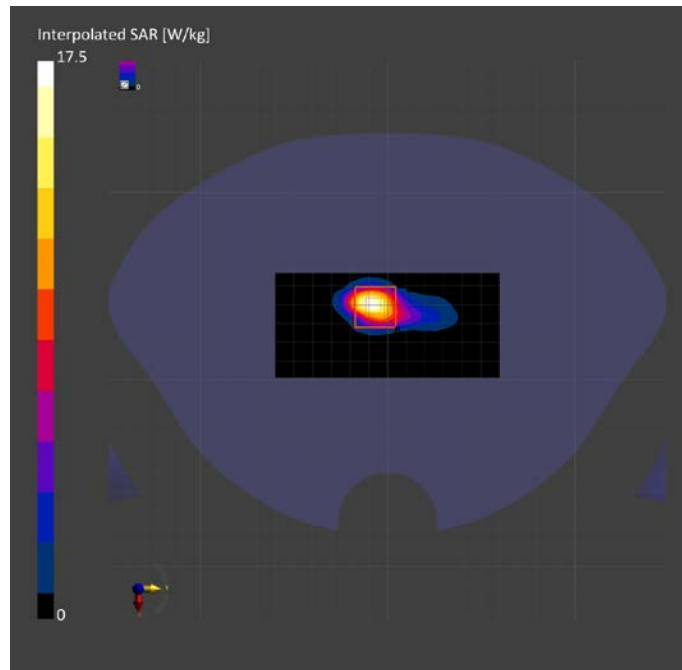
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL2600 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-29, 14:34	2024-02-29, 14:41
psSAR1g [W/kg]	6.27	6.43
psSAR10g [W/kg]	2.46	2.37
Power Drift [dB]	-0.01	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		72.4
Dist 3dB Peak [mm]		6.0



83 Measurement Report for XT2429-1, EDGE TOP, Band 41, UID 10151 CAH, Channel 40185 (2549.500MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.8°C; Liquid Temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE TOP, 0.00	Band 41	LTE-TDD, 10151-CAH	2549.500, 40185	7.32	1.90	39.2

Hardware Setup

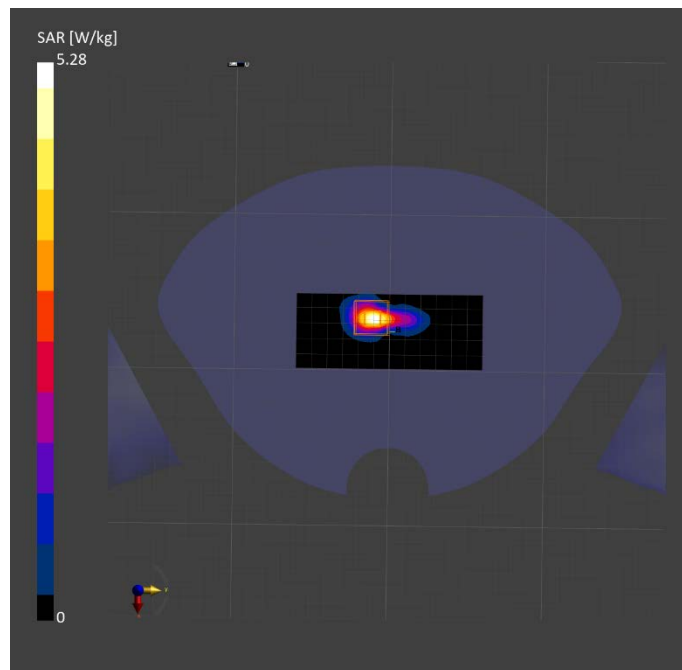
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL2600 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	4.2 x 4.2 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-02, 11:19	2024-03-02, 11:38
psSAR1g [W/kg]	5.44	5.36
psSAR10g [W/kg]	1.90	1.78
Power Drift [dB]	0.03	0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		64.8
Dist 3dB Peak [mm]		4.9



84 Measurement Report for XT2429-1, EDGE BOTTOM, Band n7, UID 10934 AAC, Channel 504000 (2520.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.8°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE BOTTOM, 0.00	Band n7	5G NR FR1 FDD, 10934-AAC	2520.000, 504000	7.32	1.92	40.2

Hardware Setup

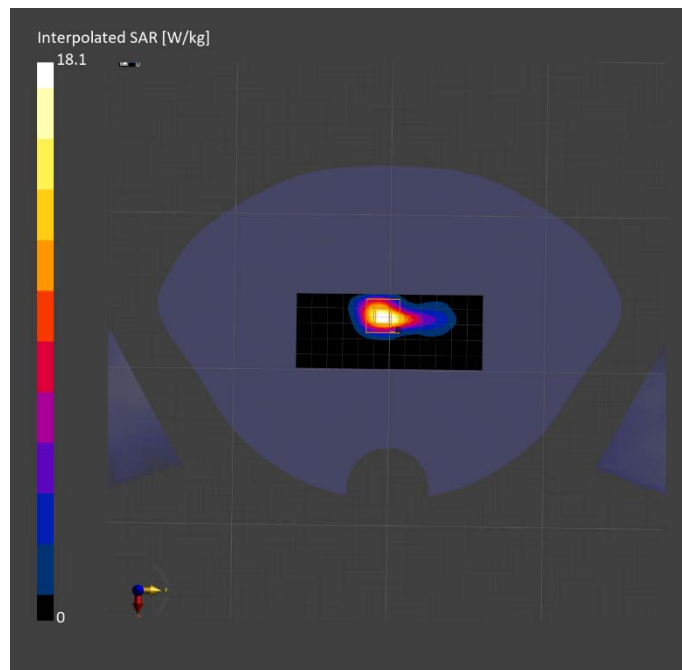
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL2600 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	4.6 x 4.6 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-02-29, 14:14	2024-02-29, 14:23
psSAR1g [W/kg]	6.48	6.71
psSAR10g [W/kg]	2.61	2.54
Power Drift [dB]	0.01	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		72.7
Dist 3dB Peak [mm]		6.2



Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.8°C; Liquid Temperature: 22.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE BOTTOM, 0.00	Band n41	5G NR FR1 TDD, 10917-AAD	2592.990, 518598	7.32	1.90	39.2

Hardware Setup

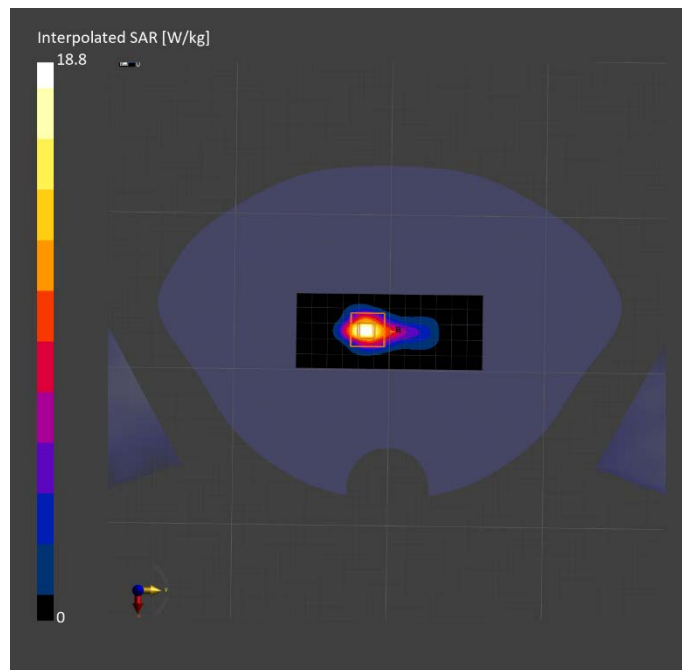
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL2600 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-02, 16:24	2024-03-02, 16:38
psSAR1g [W/kg]	6.40	6.24
psSAR10g [W/kg]	2.47	2.27
Power Drift [dB]	0.02	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		69.8
Dist 3dB Peak [mm]		6.1



86 Measurement Report for XT2429-1, EDGE LEFT, Band 42, UID 10151 CAH, Channel 42590 (3500.000MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE LEFT, 0.00	Band 42	LTE-TDD, 10151-CAH	3500.000, 42590	6.88	2.82	39.4

Hardware Setup

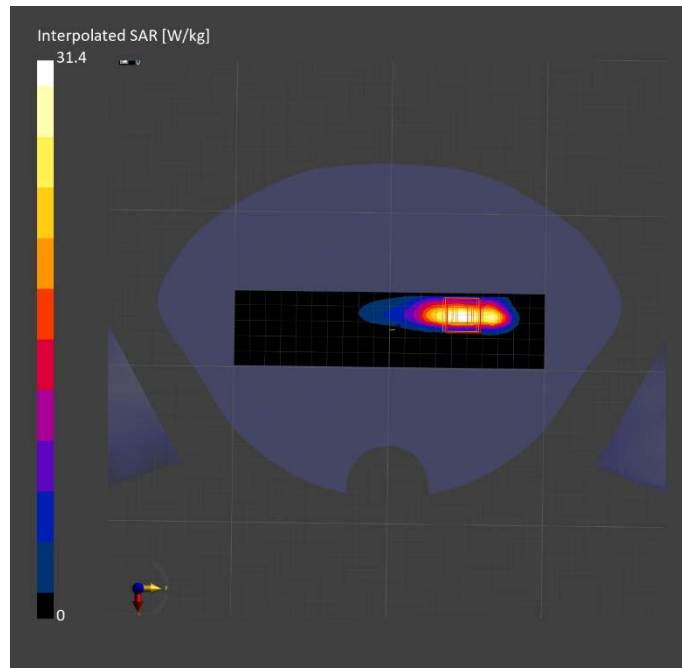
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL3500 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	8.0 x 10.0	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-09, 10:18	2024-03-09, 10:32
psSAR1g [W/kg]	5.54	6.48
psSAR10g [W/kg]	2.03	1.97
Power Drift [dB]	-0.07	-0.15
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.8
Dist 3dB Peak [mm]		3.4



Device under Test Properties

Model	Dimensions [mm]	
XT2429-1	162.0 x 74.0 x 8.0	Phone

Ambient Temperature: 22.7°C; Liquid Temperature: 22.1°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE RIGHT, 0.00	Band n78	5G NR FR1 TDD, 10917-AAB	3499.980, 633332	6.88	2.78	39.4

Hardware Setup

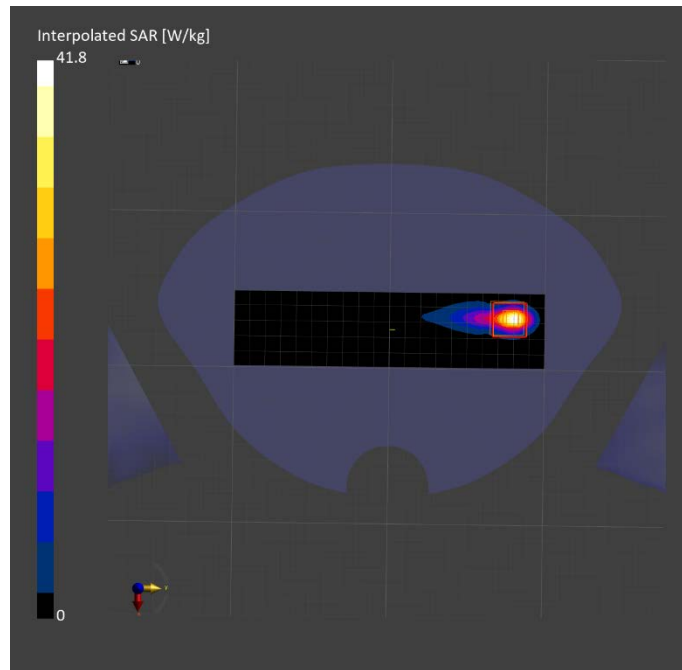
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2098	HSL3500 --	EX3DV4 - SN7746, 2023-08-22	DAE4 Sn719, 2023-04-10

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	8.0 x 10.0	2.2 x 2.2 x 1.2
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.2
MAIA	N/A	N/A
Surface Detection	All points	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-09, 17:55	2024-03-09, 18:30
psSAR1g [W/kg]	8.66	9.13
psSAR10g [W/kg]	2.58	2.52
Power Drift [dB]	-0.05	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		64.0
Dist 3dB Peak [mm]		3.4



88 Measurement Report for XT2429-1, EDGE TOP, WLAN 5GHz, UID 10591 AAC, Channel 44 (5220.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE TOP, 0.00	WLAN 5GHz	WLAN, 10591-AAC	5220.0, 44	5.34	4.67	34.9

Hardware Setup

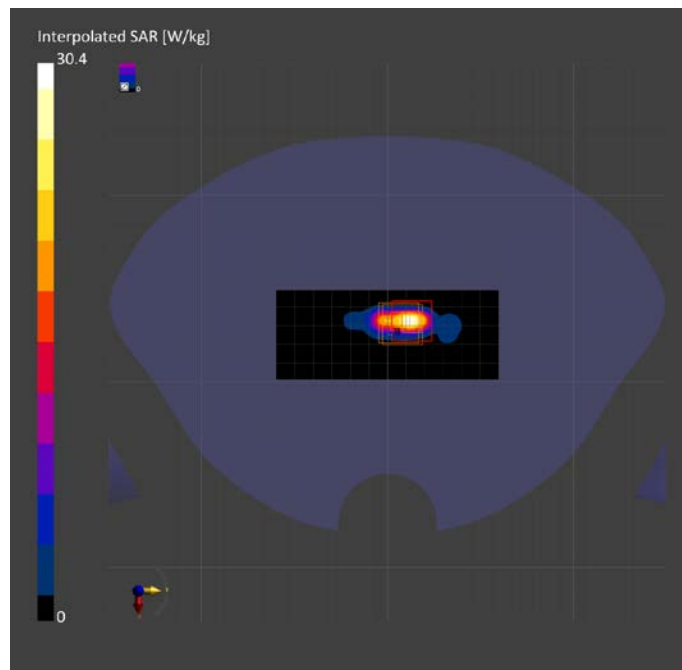
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1860	HSL5250 --	EX3DV4 - SN7745, 2023-08-22	DAE4 Sn1738, 2023-08-07

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	2.2 x 2.2 x 1.2
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.2
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-10, 15:28	2024-03-10, 15:50
psSAR1g [W/kg]	4.23	4.91
psSAR10g [W/kg]	1.05	0.961
Power Drift [dB]	-0.01	-0.13
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		65.1
Dist 3dB Peak [mm]		3.5



89 Measurement Report for XT2429-1, EDGE TOP, WLAN 5GHz, UID 10591 AAC, Channel 64 (5320.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE TOP, 0.00	WLAN 5GHz	WLAN, 10591-AAC	5320.0, 64	5.34	4.78	34.7

Hardware Setup

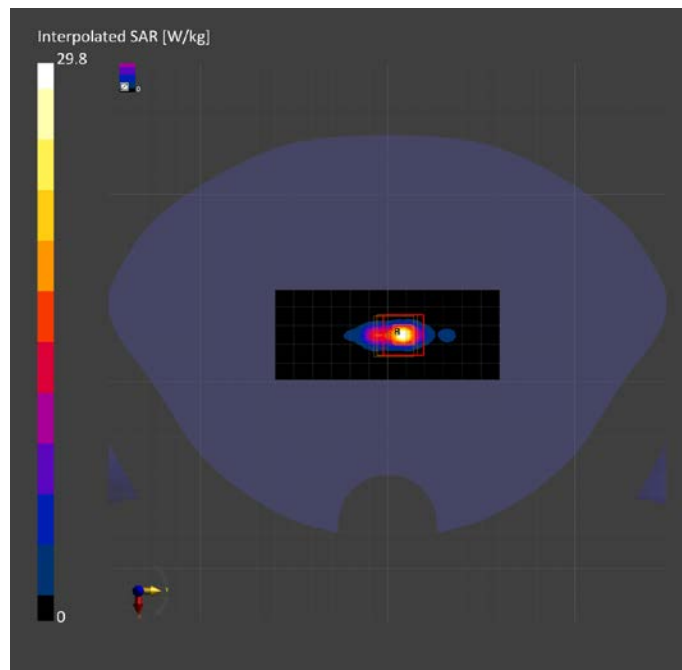
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1860	HSL5250 --	EX3DV4 - SN7745, 2023-08-22	DAE4 Sn1738, 2023-08-07

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	2.5 x 2.5 x 1.2
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.2
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-10, 20:18	2024-03-10, 20:37
psSAR1g [W/kg]	4.92	4.82
psSAR10g [W/kg]	1.05	0.934
Power Drift [dB]	0.02	-0.10
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		65.0
Dist 3dB Peak [mm]		3.6



Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.7°C; Liquid Temperature: 22.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE TOP, 0.00	WLAN 5GHz	WLAN, 10591-AAC	5580.0, 116	4.65	5.08	34.2

Hardware Setup

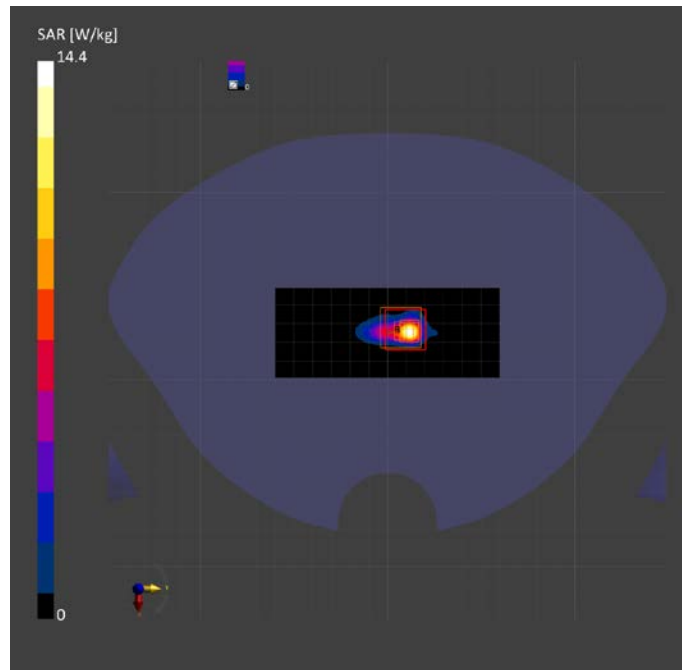
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1860	HSL5600, --	EX3DV4 - SN7745, 2023-08-22	DAE4 Sn1738, 2023-08-07

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	2.6 x 2.6 x 1.2
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.2
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-11, 14:21	2024-03-11, 14:40
psSAR1g [W/kg]	10.7	11.7
psSAR10g [W/kg]	2.25	2.15
Power Drift [dB]	0.00	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		65.2
Dist 3dB Peak [mm]		3.1



91 Measurement Report for XT2429-1, EDGE TOP, WLAN 5GHz, UID 10317 AAD, Channel 149 (5745.0MHz)

Device under Test Properties

Model	Dimensions [mm]	Phone
XT2429-1	162.0 x 74.0 x 8.0	

Ambient Temperature: 22.5°C; Liquid Temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	EDGE TOP, 0.00	WLAN 5GHz	WLAN, 10317-AAD	5745.0, 149	4.77	5.26	33.9

Hardware Setup

Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1860	HSL5750, --	EX3DV4 - SN7745, 2023-08-22	DAE4 Sn1738, 2023-08-07

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	2.6 x 2.6 x 1.2
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.2
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-03-12, 20:45	2024-03-12, 21:04
psSAR1g [W/kg]	13.4	14.4
psSAR10g [W/kg]	2.56	2.50
Power Drift [dB]	0.00	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		61.1
Dist 3dB Peak [mm]		3.8

