

10.16 LTE Band 26 (15MHz Bandwidth)

Band	DSI State	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Bandwidth	RB Num.	RB Start	Power Drift(dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune- up power(dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head																	
LTEB26	State 2	ANT1	QPSK	Left Cheek	0	26965	841.5	15	1	LOW	-0.01	0.412	23.68	24.00	1.076	0.444	/
LTEB26	State 2	ANT1	QPSK	Left Tilt	0	26965	841.5	15	1	LOW	0.11	0.462	23.68	24.00	1.076	0.497	/
LTEB26	State 2	ANT1	QPSK	Right Cheek	0	26965	841.5	15	1	LOW	-0.07	0.482	23.68	24.00	1.076	0.519	/
LTEB26	State 2	ANT1	QPSK	Right Tilt	0	26965	841.5	15	1	LOW	0.15	0.518	23.68	24.00	1.076	0.558	52
LTEB26	State 2	ANT1	QPSK	Left Cheek	0	26865	831.5	15	36	MID	-0.01	0.401	23.66	24.00	1.081	0.434	/
LTEB26	State 2	ANT1	QPSK	Left Tilt	0	26865	831.5	15	36	MID	0.11	0.451	23.66	24.00	1.081	0.488	/
LTEB26	State 2	ANT1	QPSK	Right Cheek	0	26865	831.5	15	36	MID	-0.07	0.471	23.66	24.00	1.081	0.510	/
LTEB26	State 2	ANT1	QPSK	Right Tilt	0	26865	831.5	15	36	MID	-0.18	0.484	23.66	24.00	1.081	0.523	/
LTEB26	State 4	ANT1	QPSK	Left Cheek	0	26865	831.5	15	1	MID	-0.06	0.367	23.20	23.50	1.072	0.393	/
LTEB26	State 4	ANT1	QPSK	Left Tilt	0	26865	831.5	15	1	MID	-0.10	0.412	23.20	23.50	1.072	0.441	/
LTEB26	State 4	ANT1	QPSK	Right Cheek	0	26865	831.5	15	1	MID	0.18	0.430	23.20	23.50	1.072	0.461	/
LTEB26	State 4	ANT1	QPSK	Right Tilt	0	26865	831.5	15	1	MID	-0.01	0.441	23.20	23.50	1.072	0.472	/
LTEB26	State 4	ANT1	QPSK	Left Cheek	0	26865	831.5	15	36	HIGH	-0.06	0.356	23.22	23.50	1.067	0.380	/
LTEB26	State 4	ANT1	QPSK	Left Tilt	0	26865	831.5	15	36	HIGH	-0.10	0.401	23.22	23.50	1.067	0.428	/
LTEB26	State 4	ANT1	QPSK	Right Cheek	0	26865	831.5	15	36	HIGH	0.18	0.419	23.22	23.50	1.067	0.447	/
LTEB26	State 4	ANT1	QPSK	Right Tilt	0	26865	831.5	15	36	HIGH	-0.01	0.430	23.22	23.50	1.067	0.458	/
LTEB26	State 2&4	ANT0	QPSK	Left Cheek	0	26865	831.5	15	1	MID	-0.06	0.460	23.68	24.50	1.208	0.556	/
LTEB26	State 2&4	ANT0	QPSK	Left Tilt	0	26865	831.5	15	1	MID	0.03	0.104	23.68	24.50	1.208	0.126	/
LTEB26	State 2&4	ANT0	QPSK	Right Cheek	0	26865	831.5	15	1	MID	0.15	0.345	23.68	24.50	1.208	0.417	/
LTEB26	State 2&4	ANT0	QPSK	Right Tilt	0	26865	831.5	15	1	MID	0.020	0.104	23.68	24.50	1.208	0.126	/
LTEB26	State 2&4	ANT0	QPSK	Left Cheek	0	26865	831.5	15	36	LOW	-0.06	0.448	22.58	23.50	1.236	0.554	/
LTEB26	State 2&4	ANT0	QPSK	Left Tilt	0	26865	831.5	15	36	LOW	0.03	0.093	22.58	23.50	1.236	0.115	/
LTEB26	State 2&4	ANT0	QPSK	Right Cheek	0	26865	831.5	15	36	LOW	0.15	0.334	22.58	23.50	1.236	0.413	/
LTEB26	State 2&4	ANT0	QPSK	Right Tilt	0	26865	831.5	15	36	LOW	0.020	0.093	22.58	23.50	1.236	0.115	/
Body-Worn																	
LTEB26	State 1	ANT1	QPSK	Front Side	15	26865	831.5	15	1	HIGH	0.11	0.035	23.70	24.00	1.072	0.038	/
LTEB26	State 1	ANT1	QPSK	Back Side	15	26865	831.5	15	1	HIGH	0.14	0.046	23.70	24.00	1.072	0.049	/
LTEB26	State 1	ANT1	QPSK	Front Side	15	26865	831.5	15	36	MID	-0.16	0.030	23.66	24.00	1.081	0.032	/
LTEB26	State 1	ANT1	QPSK	Back Side	15	26865	831.5	15	36	MID	-0.18	0.041	23.66	24.00	1.081	0.044	/
LTEB26	State 3	ANT1	QPSK	Front Side	15	26865	831.5	15	1	HIGH	0.08	0.025	22.22	22.50	1.067	0.027	/
LTEB26	State 3	ANT1	QPSK	Back Side	15	26865	831.5	15	1	HIGH	-0.01	0.033	22.22	22.50	1.067	0.035	/
LTEB26	State 3	ANT1	QPSK	Front Side	15	26865	831.5	15	36	LOW	-0.06	0.022	22.24	22.50	1.062	0.023	/
LTEB26	State 3	ANT1	QPSK	Back Side	15	26865	831.5	15	36	LOW	-0.19	0.029	22.24	22.50	1.062	0.031	/
LTEB26	State 1&3	ANT0	QPSK	Front Side	15	26865	831.5	15	1	MID	-0.17	0.169	23.68	24.50	1.208	0.204	/
LTEB26	State 1&3	ANT0	QPSK	Back Side	15	26865	831.5	15	1	MID	-0.08	0.265	23.68	24.50	1.208	0.320	53
LTEB26	State 1&3	ANT0	QPSK	Front Side	15	26865	831.5	15	36	LOW	-0.07	0.161	22.58	23.50	1.236	0.199	/

LTEB26	State 1&3	ANT0	QPSK	Back Side	15	26865	831.5	15	36	LOW	0.09	0.258	22.58	23.50	1.236	0.318	/
Hotspot																	
LTEB26	State 3	ANT1	QPSK	Front Side	10	26865	831.5	15	1	HIGH	0.15	0.033	22.22	22.50	1.067	0.035	/
LTEB26	State 3	ANT1	QPSK	Back Side	10	26865	831.5	15	1	HIGH	0.06	0.064	22.22	22.50	1.067	0.068	/
LTEB26	State 3	ANT1	QPSK	Left Edge	10	26865	831.5	15	1	HIGH	-0.17	0.025	22.22	22.50	1.067	0.027	/
LTEB26	State 3	ANT1	QPSK	Right Edge	10	26865	831.5	15	1	HIGH	-0.05	0.020	22.22	22.50	1.067	0.021	/
LTEB26	State 3	ANT1	QPSK	Top Edge	10	26865	831.5	15	1	HIGH	0.15	0.065	22.22	22.50	1.067	0.069	/
LTEB26	State 3	ANT1	QPSK	Front Side	10	26865	831.5	15	36	LOW	-0.03	0.033	22.24	22.50	1.062	0.035	/
LTEB26	State 3	ANT1	QPSK	Back Side	10	26865	831.5	15	36	LOW	-0.13	0.067	22.24	22.50	1.062	0.071	/
LTEB26	State 3	ANT1	QPSK	Left Edge	10	26865	831.5	15	36	LOW	-0.16	0.020	22.24	22.50	1.062	0.021	/
LTEB26	State 3	ANT1	QPSK	Right Edge	10	26865	831.5	15	36	LOW	0.12	0.018	22.24	22.50	1.062	0.019	/
LTEB26	State 3	ANT1	QPSK	Top Edge	10	26865	831.5	15	36	LOW	0.16	0.059	22.24	22.50	1.062	0.063	/
LTEB26	State 3	ANT0	QPSK	Front Side	10	26865	831.5	15	1	MID	-0.11	0.264	23.68	24.50	1.208	0.319	/
LTEB26	State 3	ANT0	QPSK	Back Side	10	26865	831.5	15	1	MID	0.14	0.470	23.68	24.50	1.208	0.568	/
LTEB26	State 3	ANT0	QPSK	Left Edge	10	26865	831.5	15	1	MID	-0.11	0.635	23.68	24.50	1.208	0.767	54
LTEB26	State 3	ANT0	QPSK	Bottom Edge	10	26865	831.5	15	1	MID	0.04	0.018	23.68	24.50	1.208	0.022	/
LTEB26	State 3	ANT0	QPSK	Front Side	10	26865	831.5	15	36	LOW	-0.08	0.254	22.58	23.50	1.236	0.314	/
LTEB26	State 3	ANT0	QPSK	Back Side	10	26865	831.5	15	36	LOW	0.18	0.460	22.58	23.50	1.236	0.569	/
LTEB26	State 3	ANT0	QPSK	Left Edge	10	26865	831.5	15	36	LOW	0.04	0.536	22.58	23.50	1.236	0.662	/
LTEB26	State 3	ANT0	QPSK	Bottom Edge	10	26865	831.5	15	36	LOW	0.07	0.008	22.58	23.50	1.236	0.010	/

Band	DSI State	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Bandwidth	RB Num.	RB Start	Power Drift(dB)	10 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune- up power(dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Specific																	
LTEB26	State 1&3	ANT0	QPSK	Left Edge	0	26865	831.5	15	1	MID	-0.10	1.730	23.68	24.50	1.208	2.090	55
LTEB26	State 1&3	ANT0	QPSK	Left Edge	0	26765	821.5	15	1	MID	-0.03	1.680	23.56	24.50	1.242	2.086	/
LTEB26	State 1&3	ANT0	QPSK	Left Edge	0	26965	841.5	15	1	MID	0.01	1.670	23.61	24.50	1.227	2.050	/
LTEB26	State 1&3	ANT0	QPSK	Left Edge	0	26865	831.5	15	36	LOW	0.03	1.380	22.58	23.50	1.236	1.706	/
LTEB26	State 1&3	ANT0	QPSK	Left Edge	0	26765	821.5	15	75	LOW	0.01	1.360	22.57	23.50	1.239	1.685	/

10.17 LTE Band 28 (20MHz Bandwidth)

Band	DSI State	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Bandwidth	RB Num.	RB Start	Power Drift(dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune- up power(dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head																	
LTEB28	State 1&3	ANT1	QPSK	Left Cheek	0	27435	725.5	20	1	MID	0.02	0.241	24.55	25.00	1.109	0.267	/
LTEB28	State 1&3	ANT1	QPSK	Left Tilt	0	27435	725.5	20	1	MID	-0.12	0.195	24.55	25.00	1.109	0.216	/
LTEB28	State 1&3	ANT1	QPSK	Right Cheek	0	27435	725.5	20	1	MID	0.17	0.244	24.55	25.00	1.109	0.270	/
LTEB28	State 1&3	ANT1	QPSK	Right Tilt	0	27435	725.5	20	1	MID	-0.06	0.256	24.55	25.00	1.109	0.284	56
LTEB28	State 1&3	ANT1	QPSK	Left Cheek	0	27435	725.5	20	50	MID	0.08	0.232	23.53	24.20	1.167	0.271	/
LTEB28	State 1&3	ANT1	QPSK	Left Tilt	0	27435	725.5	20	50	MID	0.06	0.188	23.53	24.20	1.167	0.220	/
LTEB28	State 1&3	ANT1	QPSK	Right Cheek	0	27435	725.5	20	50	MID	-0.01	0.237	23.53	24.20	1.167	0.277	/
LTEB28	State 1&3	ANT1	QPSK	Right Tilt	0	27435	725.5	20	50	MID	0.08	0.242	23.53	24.20	1.167	0.282	/
LTEB28	State 2&4	ANT0	QPSK	Left Cheek	0	27435	725.5	20	1	LOW	-0.15	0.238	23.76	24.50	1.186	0.282	/
LTEB28	State 2&4	ANT0	QPSK	Left Tilt	0	27435	725.5	20	1	LOW	0.05	0.056	23.76	24.50	1.186	0.066	/
LTEB28	State 2&4	ANT0	QPSK	Right Cheek	0	27435	725.5	20	1	LOW	-0.17	0.193	23.76	24.50	1.186	0.229	/
LTEB28	State 2&4	ANT0	QPSK	Right Tilt	0	27435	725.5	20	1	LOW	0.17	0.052	23.76	24.50	1.186	0.062	/
LTEB28	State 2&4	ANT0	QPSK	Left Cheek	0	27435	725.5	20	50	MID	-0.17	0.229	23.16	23.70	1.132	0.259	/
LTEB28	State 2&4	ANT0	QPSK	Left Tilt	0	27435	725.5	20	50	MID	0.10	0.047	23.16	23.70	1.132	0.053	/
LTEB28	State 2&4	ANT0	QPSK	Right Cheek	0	27435	725.5	20	50	MID	0.16	0.184	23.16	23.70	1.132	0.208	/
LTEB28	State 2&4	ANT0	QPSK	Right Tilt	0	27435	725.5	20	50	MID	0.10	0.043	23.16	23.70	1.132	0.049	/
Body-Worn																	
LTEB28	State 1&3	ANT1	QPSK	Front Side	15	27435	725.5	20	1	MID	-0.09	0.068	24.55	25.00	1.109	0.075	/
LTEB28	State 1&3	ANT1	QPSK	Back Side	15	27435	725.5	20	1	MID	0.05	0.095	24.55	25.00	1.109	0.105	/
LTEB28	State 1&3	ANT1	QPSK	Front Side	15	27435	725.5	20	50	MID	-0.15	0.068	23.53	24.20	1.167	0.079	/
LTEB28	State 1&3	ANT1	QPSK	Back Side	15	27435	725.5	20	50	MID	-0.15	0.095	23.53	24.20	1.167	0.111	/
LTEB28	State 2&4	ANT0	QPSK	Front Side	15	27435	725.5	20	1	LOW	0.04	0.160	23.76	24.50	1.186	0.190	/
LTEB28	State 2&4	ANT0	QPSK	Back Side	15	27435	725.5	20	1	LOW	-0.15	0.181	23.76	24.50	1.186	0.215	57
LTEB28	State 2&4	ANT0	QPSK	Front Side	15	27435	725.5	20	50	MID	0.14	0.150	23.16	23.70	1.132	0.170	/
LTEB28	State 2&4	ANT0	QPSK	Back Side	15	27435	725.5	20	50	MID	0.03	0.172	23.16	23.70	1.132	0.194	/
Hotspot																	
LTEB28	State 1&3	ANT1	QPSK	Front Side	10	27435	725.5	20	1	MID	0.10	0.067	24.55	25.00	1.109	0.074	/
LTEB28	State 1&3	ANT1	QPSK	Back Side	10	27435	725.5	20	1	MID	0.05	0.124	24.55	25.00	1.109	0.138	/
LTEB28	State 1&3	ANT1	QPSK	Left Edge	10	27435	725.5	20	1	MID	-0.16	0.067	24.55	25.00	1.109	0.074	/
LTEB28	State 1&3	ANT1	QPSK	Right Edge	10	27435	725.5	20	1	MID	-0.11	0.065	24.55	25.00	1.109	0.072	/
LTEB28	State 1&3	ANT1	QPSK	Top Edge	10	27435	725.5	20	1	MID	0.01	0.081	24.55	25.00	1.109	0.090	/
LTEB28	State 1&3	ANT1	QPSK	Front Side	10	27435	725.5	20	50	MID	-0.08	0.067	23.53	24.20	1.167	0.078	/
LTEB28	State 1&3	ANT1	QPSK	Back Side	10	27435	725.5	20	50	MID	-0.08	0.124	23.53	24.20	1.167	0.145	/
LTEB28	State 1&3	ANT1	QPSK	Left Edge	10	27435	725.5	20	50	MID	-0.14	0.067	23.53	24.20	1.167	0.078	/
LTEB28	State 1&3	ANT1	QPSK	Right Edge	10	27435	725.5	20	50	MID	-0.07	0.065	23.53	24.20	1.167	0.076	/
LTEB28	State 1&3	ANT1	QPSK	Top Edge	10	27435	725.5	20	50	MID	-0.01	0.081	23.53	24.20	1.167	0.095	/

LTEB28	State 2&4	ANT0	QPSK	Front Side	10	27435	725.5	20	1	LOW	0.10	0.242	23.76	24.50	1.186	0.287	/
LTEB28	State 2&4	ANT0	QPSK	Back Side	10	27435	725.5	20	1	LOW	-0.09	0.446	23.76	24.50	1.186	0.529	/
LTEB28	State 2&4	ANT0	QPSK	Left Edge	10	27435	725.5	20	1	LOW	0.16	0.685	23.76	24.50	1.186	0.812	/
LTEB28	State 2&4	ANT0	QPSK	Bottom Edge	10	27435	725.5	20	1	LOW	-0.04	0.033	23.76	24.50	1.186	0.039	/
LTEB28	State 2&4	ANT0	QPSK	Left Edge	10	27310	713	20	1	LOW	-0.03	0.550	23.41	24.50	1.285	0.707	/
LTEB28	State 2&4	ANT0	QPSK	Left Edge	10	27560	738	20	1	LOW	-0.03	0.697	23.52	24.50	1.253	0.873	58
LTEB28	State 2&4	ANT0	QPSK	Front Side	10	27435	725.5	20	50	MID	-0.11	0.229	23.16	23.70	1.132	0.259	/
LTEB28	State 2&4	ANT0	QPSK	Back Side	10	27435	725.5	20	50	MID	-0.10	0.433	23.16	23.70	1.132	0.490	/
LTEB28	State 2&4	ANT0	QPSK	Left Edge	10	27435	725.5	20	50	MID	-0.09	0.708	23.16	23.70	1.132	0.802	/
LTEB28	State 2&4	ANT0	QPSK	Bottom Edge	10	27435	725.5	20	50	MID	0.02	0.020	23.16	23.70	1.132	0.023	/
LTEB28	State 2&4	ANT0	QPSK	Left Edge	10	27310	713	20	50	MID	0.18	0.437	23.01	23.70	1.172	0.512	/
LTEB28	State 2&4	ANT0	QPSK	Left Edge	10	27560	738	20	50	LOW	0.06	0.686	23.05	23.70	1.161	0.796	/
LTEB28	State 2&4	ANT0	QPSK	Left Edge	10	27560	738	20	100	LOW	0.06	0.680	22.99	23.70	1.178	0.801	/

10.18 LTE Band 66 (20MHz Bandwidth)

Band	DSI State	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Bandwidth	RB Num.	RB Start	Power Drift(dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune- up power(dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head																	
LTEB66	State 2	ANT1	QPSK	Left Cheek	0	132322	1745	20	1	LOW	-0.03	0.325	17.11	17.50	1.094	0.356	/
LTEB66	State 2	ANT1	QPSK	Left Tilt	0	132322	1745	20	1	LOW	0.13	0.384	17.11	17.50	1.094	0.420	/
LTEB66	State 2	ANT1	QPSK	Right Cheek	0	132322	1745	20	1	LOW	-0.16	0.507	17.11	17.50	1.094	0.555	/
LTEB66	State 2	ANT1	QPSK	Right Tilt	0	132322	1745	20	1	LOW	-0.19	0.649	17.11	17.50	1.094	0.710	59
LTEB66	State 2	ANT1	QPSK	Left Cheek	0	132322	1745	20	50	MID	0.15	0.317	17.15	17.50	1.084	0.344	/
LTEB66	State 2	ANT1	QPSK	Left Tilt	0	132322	1745	20	50	MID	0.04	0.376	17.15	17.50	1.084	0.408	/
LTEB66	State 2	ANT1	QPSK	Right Cheek	0	132322	1745	20	50	MID	0.12	0.499	17.15	17.50	1.084	0.541	/
LTEB66	State 2	ANT1	QPSK	Right Tilt	0	132322	1745	20	50	MID	0.07	0.545	17.15	17.50	1.084	0.591	/
LTEB66	State 4	ANT1	QPSK	Left Cheek	0	132322	1745	20	1	HIGH	0.03	0.258	16.10	16.50	1.096	0.283	/
LTEB66	State 4	ANT1	QPSK	Left Tilt	0	132322	1745	20	1	HIGH	-0.06	0.305	16.10	16.50	1.096	0.334	/
LTEB66	State 4	ANT1	QPSK	Right Cheek	0	132322	1745	20	1	HIGH	0.02	0.403	16.10	16.50	1.096	0.442	/
LTEB66	State 4	ANT1	QPSK	Right Tilt	0	132322	1745	20	1	HIGH	-0.19	0.439	16.10	16.50	1.096	0.481	/
LTEB66	State 4	ANT1	QPSK	Left Cheek	0	132322	1745	20	50	MID	-0.11	0.250	16.18	16.50	1.076	0.269	/
LTEB66	State 4	ANT1	QPSK	Left Tilt	0	132322	1745	20	50	MID	-0.02	0.297	16.18	16.50	1.076	0.320	/
LTEB66	State 4	ANT1	QPSK	Right Cheek	0	132322	1745	20	50	MID	-0.10	0.395	16.18	16.50	1.076	0.425	/
LTEB66	State 4	ANT1	QPSK	Right Tilt	0	132322	1745	20	50	MID	-0.06	0.431	16.18	16.50	1.076	0.464	/
LTEB66	State 2&4	ANT2	QPSK	Left Cheek	0	132322	1745	20	1	LOW	-0.16	0.092	24.25	24.50	1.059	0.097	/
LTEB66	State 2&4	ANT2	QPSK	Left Tilt	0	132322	1745	20	1	LOW	0.12	0.085	24.25	24.50	1.059	0.090	/
LTEB66	State 2&4	ANT2	QPSK	Right Cheek	0	132322	1745	20	1	LOW	-0.18	0.125	24.25	24.50	1.059	0.132	/
LTEB66	State 2&4	ANT2	QPSK	Right Tilt	0	132322	1745	20	1	LOW	-0.18	0.058	24.25	24.50	1.059	0.061	/
LTEB66	State 2&4	ANT2	QPSK	Left Cheek	0	132322	1745	20	50	LOW	-0.17	0.084	23.19	23.50	1.074	0.090	/
LTEB66	State 2&4	ANT2	QPSK	Left Tilt	0	132322	1745	20	50	LOW	0.04	0.077	23.19	23.50	1.074	0.083	/
LTEB66	State 2&4	ANT2	QPSK	Right Cheek	0	132322	1745	20	50	LOW	0.06	0.117	23.19	23.50	1.074	0.126	/
LTEB66	State 2&4	ANT2	QPSK	Right Tilt	0	132322	1745	20	50	LOW	0.07	0.050	23.19	23.50	1.074	0.054	/
Body-Worn																	
LTEB66	State 1	ANT1	QPSK	Front Side	15	132322	1745	20	1	MID	-0.14	0.052	21.20	21.50	1.072	0.056	/
LTEB66	State 1	ANT1	QPSK	Back Side	15	132322	1745	20	1	MID	-0.19	0.071	21.20	21.50	1.072	0.076	/
LTEB66	State 1	ANT1	QPSK	Front Side	15	132322	1745	20	50	MID	-0.17	0.053	21.17	21.50	1.079	0.057	/
LTEB66	State 1	ANT1	QPSK	Back Side	15	132322	1745	20	50	MID	0.17	0.234	21.17	21.50	1.079	0.252	60
LTEB66	State 3	ANT1	QPSK	Front Side	15	132322	1745	20	1	LOW	-0.11	0.037	19.69	20.00	1.074	0.040	/
LTEB66	State 3	ANT1	QPSK	Back Side	15	132322	1745	20	1	LOW	-0.05	0.050	19.69	20.00	1.074	0.054	/
LTEB66	State 3	ANT1	QPSK	Front Side	15	132322	1745	20	50	MID	-0.15	0.038	19.65	20.00	1.084	0.041	/
LTEB66	State 3	ANT1	QPSK	Back Side	15	132322	1745	20	50	MID	-0.11	0.051	19.65	20.00	1.084	0.055	/
LTEB66	State 1	ANT2	QPSK	Front Side	15	132322	1745	20	1	LOW	0.07	0.026	19.44	20.00	1.138	0.030	/
LTEB66	State 1	ANT2	QPSK	Back Side	15	132322	1745	20	1	LOW	0.17	0.051	19.44	20.00	1.138	0.058	/
LTEB66	State 1	ANT2	QPSK	Front Side	15	132322	1745	20	50	HIGH	0.01	0.027	19.66	20.00	1.081	0.029	/

LTEB66	State 1	ANT2	QPSK	Back Side	15	132322	1745	20	50	HIGH	0.17	0.052	19.66	20.00	1.081	0.056	/
LTEB66	State 3	ANT2	QPSK	Front Side	15	132322	1745	20	1	HIGH	0.01	0.019	18.19	18.50	1.074	0.020	/
LTEB66	State 3	ANT2	QPSK	Back Side	15	132322	1745	20	1	HIGH	-0.17	0.036	18.19	18.50	1.074	0.039	/
LTEB66	State 3	ANT2	QPSK	Front Side	15	132572	1770	20	50	MID	0.14	0.019	18.17	18.50	1.079	0.020	/
LTEB66	State 3	ANT2	QPSK	Back Side	15	132572	1770	20	50	MID	0.08	0.037	18.17	18.50	1.079	0.040	/
Hotspot																	
LTEB66	State 3	ANT1	QPSK	Front Side	10	132322	1745	20	1	LOW	-0.16	0.219	19.69	20.00	1.074	0.235	/
LTEB66	State 3	ANT1	QPSK	Back Side	10	132322	1745	20	1	LOW	-0.09	0.257	19.69	20.00	1.074	0.276	/
LTEB66	State 3	ANT1	QPSK	Left Edge	10	132322	1745	20	1	LOW	-0.17	0.088	19.69	20.00	1.074	0.095	/
LTEB66	State 3	ANT1	QPSK	Right Edge	10	132322	1745	20	1	LOW	0.14	0.051	19.69	20.00	1.074	0.055	/
LTEB66	State 3	ANT1	QPSK	Top Edge	10	132322	1745	20	1	LOW	0.04	0.338	19.69	20.00	1.074	0.363	61
LTEB66	State 3	ANT1	QPSK	Front Side	10	132322	1745	20	50	MID	-0.04	0.200	19.65	20.00	1.084	0.217	/
LTEB66	State 3	ANT1	QPSK	Back Side	10	132322	1745	20	50	MID	-0.12	0.240	19.65	20.00	1.084	0.260	/
LTEB66	State 3	ANT1	QPSK	Left Edge	10	132322	1745	20	50	MID	-0.16	0.078	19.65	20.00	1.084	0.085	/
LTEB66	State 3	ANT1	QPSK	Right Edge	10	132322	1745	20	50	MID	0.17	0.045	19.65	20.00	1.084	0.049	/
LTEB66	State 3	ANT1	QPSK	Top Edge	10	132322	1745	20	50	MID	-0.08	0.315	19.65	20.00	1.084	0.341	/
LTEB66	State 3	ANT2	QPSK	Front Side	10	132322	1745	20	1	HIGH	-0.19	0.019	18.19	18.50	1.074	0.020	/
LTEB66	State 3	ANT2	QPSK	Back Side	10	132322	1745	20	1	HIGH	-0.07	0.037	18.19	18.50	1.074	0.040	/
LTEB66	State 3	ANT2	QPSK	Left Edge	10	132322	1745	20	1	HIGH	-0.05	0.028	18.19	18.50	1.074	0.030	/
LTEB66	State 3	ANT2	QPSK	Right Edge	10	132322	1745	20	1	HIGH	-0.01	0.025	18.19	18.50	1.074	0.027	/
LTEB66	State 3	ANT2	QPSK	Bottom Edge	10	132322	1745	20	1	HIGH	-0.07	0.050	18.19	18.50	1.074	0.054	/
LTEB66	State 3	ANT2	QPSK	Front Side	10	132572	1770	20	50	MID	0.18	0.019	18.17	18.50	1.079	0.020	/
LTEB66	State 3	ANT2	QPSK	Back Side	10	132572	1770	20	50	MID	0.08	0.037	18.17	18.50	1.079	0.040	/
LTEB66	State 3	ANT2	QPSK	Left Edge	10	132572	1770	20	50	MID	0.15	0.026	18.17	18.50	1.079	0.028	/
LTEB66	State 3	ANT2	QPSK	Right Edge	10	132572	1770	20	50	MID	-0.03	0.022	18.17	18.50	1.079	0.024	/
LTEB66	State 3	ANT2	QPSK	Bottom Edge	10	132572	1770	20	50	MID	0.05	0.052	18.17	18.50	1.079	0.056	/

Band	DSI State	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Bandwidth	RB Num.	RB Start	Power Drift(dB)	10 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Specific																	
LTEB66	State 1	ANT1	QPSK	Back Side	0	132322	1745	20	1	MID	0.05	1.830	21.20	21.50	1.072	1.961	/
LTEB66	State 1	ANT1	QPSK	Top Edge	0	132322	1745	20	1	MID	0.01	1.780	21.20	21.50	1.072	1.907	/
LTEB66	State 1	ANT1	QPSK	Back Side	0	132322	1745	20	50	MID	0.03	1.760	21.17	21.50	1.079	1.899	/
LTEB66	State 1	ANT1	QPSK	Top Edge	0	132322	1745	20	50	MID	-0.05	1.730	21.17	21.50	1.079	1.867	/
LTEB66	State 3	ANT1	QPSK	Back Side	0	132322	1745	20	1	LOW	-0.03	1.310	19.69	20.00	1.074	1.407	/
LTEB66	State 3	ANT1	QPSK	Top Edge	0	132322	1745	20	1	LOW	0.09	1.340	19.69	20.00	1.074	1.439	/
LTEB66	State 3	ANT1	QPSK	Back Side	0	132322	1745	20	50	MID	0.02	1.300	19.65	20.00	1.084	1.409	/
LTEB66	State 3	ANT1	QPSK	Top Edge	0	132322	1745	20	50	MID	0.01	1.290	19.65	20.00	1.084	1.398	/
LTEB66	State 1	ANT2	QPSK	Back Side	0	132322	1745	20	1	LOW	-0.14	1.370	19.44	20.00	1.138	1.559	/
LTEB66	State 1	ANT2	QPSK	Bottom Edge	0	132322	1745	20	1	LOW	-0.08	1.850	19.44	20.00	1.138	2.105	62
LTEB66	State 1	ANT2	QPSK	Bottom Edge	0	132072	1720	20	1	LOW	-0.07	1.810	19.43	20.00	1.140	2.064	/
LTEB66	State 1	ANT2	QPSK	Bottom Edge	0	132572	1770	20	1	LOW	0.01	1.790	19.43	20.00	1.140	2.041	/
LTEB66	State 1	ANT2	QPSK	Back Side	0	132322	1745	20	50	HIGH	0.05	1.350	19.66	20.00	1.081	1.460	/
LTEB66	State 1	ANT2	QPSK	Bottom Edge	0	132322	1745	20	50	HIGH	0.02	1.830	19.66	20.00	1.081	1.979	/
LTEB66	State 1	ANT2	QPSK	Bottom Edge	0	132072	1720	20	50	MID	-0.03	1.780	19.46	20.00	1.132	2.016	/
LTEB66	State 1	ANT2	QPSK	Bottom Edge	0	132572	1770	20	100	LOW	0.01	1.810	19.52	20.00	1.117	2.022	/
LTEB66	State 1	ANT2	QPSK	Bottom Edge	0	132322	1745	20	1	LOW	0.05	1.760	19.55	20.00	1.109	1.952	/
LTEB66	State 3	ANT2	QPSK	Back Side	0	132322	1745	20	1	HIGH	0.13	0.967	18.19	18.50	1.074	1.039	/
LTEB66	State 3	ANT2	QPSK	Bottom Edge	0	132322	1745	20	1	HIGH	0.07	1.380	18.19	18.50	1.074	1.482	/
LTEB66	State 3	ANT2	QPSK	Back Side	0	132572	1770	20	50	MID	-0.08	0.963	18.17	18.50	1.079	1.039	/
LTEB66	State 3	ANT2	QPSK	Bottom Edge	0	132572	1770	20	50	MID	0.03	1.330	18.17	18.50	1.079	1.435	/

10.19 LTE Band 38 (20MHz Bandwidth)

Band	DSI State	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Bandwidth	RB Num.	RB Start	Power Drift(dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune- up power(dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head																	
LTEB38	State 2	ANT1	QPSK	Left Cheek	0	38000	2595	20	1	LOW	0.09	0.208	19.69	20.00	1.074	0.223	/
LTEB38	State 2	ANT1	QPSK	Left Tilt	0	38000	2595	20	1	LOW	-0.08	0.290	19.69	20.00	1.074	0.311	/
LTEB38	State 2	ANT1	QPSK	Right Cheek	0	38000	2595	20	1	LOW	-0.14	0.522	19.69	20.00	1.074	0.561	/
LTEB38	State 2	ANT1	QPSK	Right Tilt	0	38000	2595	20	1	LOW	-0.11	0.638	19.69	20.00	1.074	0.685	63
LTEB38	State 2	ANT1	QPSK	Left Cheek	0	38000	2595	20	50	LOW	-0.03	0.199	19.50	20.00	1.122	0.223	/
LTEB38	State 2	ANT1	QPSK	Left Tilt	0	38000	2595	20	50	LOW	0.13	0.281	19.50	20.00	1.122	0.315	/
LTEB38	State 2	ANT1	QPSK	Right Cheek	0	38000	2595	20	50	LOW	0.08	0.513	19.50	20.00	1.122	0.576	/
LTEB38	State 2	ANT1	QPSK	Right Tilt	0	38000	2595	20	50	LOW	0.01	0.557	19.50	20.00	1.122	0.625	/
LTEB38	State 4	ANT1	QPSK	Left Cheek	0	38000	2595	20	1	MID	0.02	0.166	18.70	19.00	1.072	0.178	/
LTEB38	State 4	ANT1	QPSK	Left Tilt	0	38000	2595	20	1	MID	-0.11	0.230	18.70	19.00	1.072	0.246	/
LTEB38	State 4	ANT1	QPSK	Right Cheek	0	38000	2595	20	1	MID	0.12	0.414	18.70	19.00	1.072	0.444	/
LTEB38	State 4	ANT1	QPSK	Right Tilt	0	38000	2595	20	1	MID	-0.05	0.450	18.70	19.00	1.072	0.482	/
LTEB38	State 4	ANT1	QPSK	Left Cheek	0	38000	2595	20	50	HIGH	0.15	0.157	18.58	19.00	1.102	0.173	/
LTEB38	State 4	ANT1	QPSK	Left Tilt	0	38000	2595	20	50	HIGH	0.12	0.221	18.58	19.00	1.102	0.243	/
LTEB38	State 4	ANT1	QPSK	Right Cheek	0	38000	2595	20	50	HIGH	-0.13	0.405	18.58	19.00	1.102	0.446	/
LTEB38	State 4	ANT1	QPSK	Right Tilt	0	38000	2595	20	50	HIGH	0.16	0.441	18.58	19.00	1.102	0.486	/
LTEB38	State 2&4	ANT2	QPSK	Left Cheek	0	38000	2595	20	1	MID	-0.02	0.121	24.47	24.50	1.007	0.122	/
LTEB38	State 2&4	ANT2	QPSK	Left Tilt	0	38000	2595	20	1	MID	0.18	0.070	24.47	24.50	1.007	0.070	/
LTEB38	State 2&4	ANT2	QPSK	Right Cheek	0	38000	2595	20	1	MID	0.17	0.194	24.47	24.50	1.007	0.195	/
LTEB38	State 2&4	ANT2	QPSK	Right Tilt	0	38000	2595	20	1	MID	0.06	0.097	24.47	24.50	1.007	0.098	/
LTEB38	State 2&4	ANT2	QPSK	Left Cheek	0	38000	2595	20	50	LOW	-0.04	0.112	23.50	23.50	1.000	0.112	/
LTEB38	State 2&4	ANT2	QPSK	Left Tilt	0	38000	2595	20	50	LOW	0.13	0.061	23.50	23.50	1.000	0.061	/
LTEB38	State 2&4	ANT2	QPSK	Right Cheek	0	38000	2595	20	50	LOW	0.10	0.185	23.50	23.50	1.000	0.185	/
LTEB38	State 2&4	ANT2	QPSK	Right Tilt	0	38000	2595	20	50	LOW	-0.19	0.088	23.50	23.50	1.000	0.088	/
Body-Worn																	
LTEB38	State 1	ANT1	QPSK	Front Side	15	38000	2595	20	1	HIGH	-0.15	0.072	20.60	21.00	1.096	0.079	/
LTEB38	State 1	ANT1	QPSK	Back Side	15	38000	2595	20	1	HIGH	-0.06	0.156	20.60	21.00	1.096	0.171	/
LTEB38	State 1	ANT1	QPSK	Front Side	15	38000	2595	20	50	MID	-0.08	0.065	20.70	21.00	1.072	0.070	/
LTEB38	State 1	ANT1	QPSK	Back Side	15	38000	2595	20	50	MID	0.09	0.147	20.70	21.00	1.072	0.158	/
LTEB38	State 3	ANT1	QPSK	Front Side	15	38000	2595	20	1	LOW	0.19	0.058	19.69	20.00	1.074	0.062	/
LTEB38	State 3	ANT1	QPSK	Back Side	15	38000	2595	20	1	LOW	-0.07	0.124	19.69	20.00	1.074	0.133	/
LTEB38	State 3	ANT1	QPSK	Front Side	15	38000	2595	20	50	LOW	-0.08	0.052	19.50	20.00	1.122	0.058	/
LTEB38	State 3	ANT1	QPSK	Back Side	15	38000	2595	20	50	LOW	-0.08	0.115	19.50	20.00	1.122	0.129	/
LTEB38	State 1&3	ANT2	QPSK	Front Side	15	38000	2595	20	1	MID	-0.01	0.169	24.47	24.50	1.007	0.170	/
LTEB38	State 1&3	ANT2	QPSK	Back Side	15	38000	2595	20	1	MID	0.11	0.305	24.47	24.50	1.007	0.307	64
LTEB38	State 1&3	ANT2	QPSK	Front Side	15	38000	2595	20	50	LOW	0.19	0.154	23.50	23.50	1.000	0.154	/

LTEB38	State 1&3	ANT2	QPSK	Back Side	15	38000	2595	20	50	LOW	-0.03	0.275	23.50	23.50	1.000	0.275	/
Hotspot																	
LTEB38	State 3	ANT1	QPSK	Front Side	10	38000	2595	20	1	LOW	-0.18	0.112	19.69	20.00	1.074	0.120	/
LTEB38	State 3	ANT1	QPSK	Back Side	10	38000	2595	20	1	LOW	0.19	0.275	19.69	20.00	1.074	0.295	/
LTEB38	State 3	ANT1	QPSK	Left Edge	10	38000	2595	20	1	LOW	-0.11	0.149	19.69	20.00	1.074	0.160	/
LTEB38	State 3	ANT1	QPSK	Right Edge	10	38000	2595	20	1	LOW	-0.12	0.012	19.69	20.00	1.074	0.013	/
LTEB38	State 3	ANT1	QPSK	Top Edge	10	38000	2595	20	1	LOW	0.14	0.338	19.69	20.00	1.074	0.363	/
LTEB38	State 3	ANT1	QPSK	Front Side	10	38000	2595	20	50	LOW	0.06	0.245	19.50	20.00	1.122	0.275	/
LTEB38	State 3	ANT1	QPSK	Back Side	10	38000	2595	20	50	LOW	-0.06	0.135	19.50	20.00	1.122	0.151	/
LTEB38	State 3	ANT1	QPSK	Left Edge	10	38000	2595	20	50	LOW	0.03	0.010	19.50	20.00	1.122	0.011	/
LTEB38	State 3	ANT1	QPSK	Right Edge	10	38000	2595	20	50	LOW	0.11	0.315	19.50	20.00	1.122	0.353	/
LTEB38	State 3	ANT1	QPSK	Top Edge	10	38000	2595	20	50	LOW	0.15	0.315	19.50	20.00	1.122	0.353	/
LTEB38	State 1&3	ANT2	QPSK	Front Side	10	38000	2595	20	1	MID	0.05	0.318	24.47	24.50	1.007	0.320	/
LTEB38	State 1&3	ANT2	QPSK	Back Side	10	38000	2595	20	1	MID	0.17	0.608	24.47	24.50	1.007	0.612	65
LTEB38	State 1&3	ANT2	QPSK	Left Edge	10	38000	2595	20	1	MID	-0.07	0.047	24.47	24.50	1.007	0.047	/
LTEB38	State 1&3	ANT2	QPSK	Right Edge	10	38000	2595	20	1	MID	0.14	0.083	24.47	24.50	1.007	0.084	/
LTEB38	State 1&3	ANT2	QPSK	Bottom Edge	10	38000	2595	20	1	MID	0.09	0.262	24.47	24.50	1.007	0.264	/
LTEB38	State 1&3	ANT2	QPSK	Front Side	10	38000	2595	20	50	LOW	0.17	0.306	23.50	23.50	1.000	0.306	/
LTEB38	State 1&3	ANT2	QPSK	Back Side	10	38000	2595	20	50	LOW	0.19	0.536	23.50	23.50	1.000	0.536	/
LTEB38	State 1&3	ANT2	QPSK	Left Edge	10	38000	2595	20	50	LOW	0.18	0.035	23.50	23.50	1.000	0.035	/
LTEB38	State 1&3	ANT2	QPSK	Right Edge	10	38000	2595	20	50	LOW	0.16	0.071	23.50	23.50	1.000	0.071	/
LTEB38	State 1&3	ANT2	QPSK	Bottom Edge	10	38000	2595	20	50	LOW	0.02	0.250	23.50	23.50	1.000	0.250	/

Band	DSI State	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Bandwidth	RB Num.	RB Start	Power Drift(dB)	10 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune- up power(dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Specific																	
LTEB38	State 1	ANT1	QPSK	Back Side	0	38000	2595	20	1	HIGH	0.12	1.140	20.60	21.00	1.096	1.250	66
LTEB38	State 1	ANT1	QPSK	Top Edge	0	38000	2595	20	1	HIGH	0.07	0.565	20.60	21.00	1.096	0.620	/
LTEB38	State 1	ANT1	QPSK	Back Side	0	38000	2595	20	50	MID	-0.04	1.110	20.70	21.00	1.072	1.189	/
LTEB38	State 1	ANT1	QPSK	Top Edge	0	38000	2595	20	50	MID	0.03	0.558	20.70	21.00	1.072	0.598	/
LTEB38	State 3	ANT1	QPSK	Back Side	0	38000	2595	20	1	LOW	-0.16	0.806	19.69	20.00	1.074	0.866	/
LTEB38	State 3	ANT1	QPSK	Top Edge	0	38000	2595	20	1	LOW	0.05	0.449	19.69	20.00	1.074	0.482	/
LTEB38	State 3	ANT1	QPSK	Back Side	0	38000	2595	20	50	LOW	-0.03	0.801	19.50	20.00	1.122	0.899	/
LTEB38	State 3	ANT1	QPSK	Top Edge	0	38000	2595	20	50	LOW	0.05	0.435	19.50	20.00	1.122	0.488	/

10.20 LTE Band 41 (20MHz Bandwidth)

Band	DSI State	Antenna	Mode	Position	Dis. (m)	Ch.	Freq. (MHz)	Bandwidth	RB Num.	RB Start	Power Drift (dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune- up power(dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head																	
LTEB41	State 2	ANT1	QPSK	Left Cheek	0	40640	2595	20	1	LOW	0.09	0.131	17.17	17.50	1.079	0.141	/
LTEB41	State 2	ANT1	QPSK	Left Tilt	0	40640	2595	20	1	LOW	0.11	0.161	17.17	17.50	1.079	0.174	/
LTEB41	State 2	ANT1	QPSK	Right Cheek	0	40640	2595	20	1	LOW	-0.13	0.341	17.17	17.50	1.079	0.368	/
LTEB41	State 2	ANT1	QPSK	Right Tilt	0	40640	2595	20	1	LOW	0.01	0.390	17.17	17.50	1.079	0.421	67
LTEB41	State 2	ANT1	QPSK	Left Cheek	0	40640	2595	20	50	MID	0.08	0.123	17.15	17.50	1.084	0.133	/
LTEB41	State 2	ANT1	QPSK	Left Tilt	0	40640	2595	20	50	MID	0.01	0.153	17.15	17.50	1.084	0.166	/
LTEB41	State 2	ANT1	QPSK	Right Cheek	0	40640	2595	20	50	MID	-0.08	0.333	17.15	17.50	1.084	0.361	/
LTEB41	State 2	ANT1	QPSK	Right Tilt	0	40640	2595	20	50	MID	-0.04	0.351	17.15	17.50	1.084	0.380	/
LTEB41	State 4	ANT1	QPSK	Left Cheek	0	40140	2545	20	1	LOW	-0.14	0.104	16.19	16.50	1.074	0.112	/
LTEB41	State 4	ANT1	QPSK	Left Tilt	0	40140	2545	20	1	LOW	0.14	0.128	16.19	16.50	1.074	0.137	/
LTEB41	State 4	ANT1	QPSK	Right Cheek	0	40140	2545	20	1	LOW	-0.08	0.271	16.19	16.50	1.074	0.291	/
LTEB41	State 4	ANT1	QPSK	Right Tilt	0	40140	2545	20	1	LOW	-0.15	0.285	16.19	16.50	1.074	0.306	/
LTEB41	State 4	ANT1	QPSK	Left Cheek	0	41140	2645	20	50	LOW	-0.19	0.096	16.17	16.50	1.079	0.104	/
LTEB41	State 4	ANT1	QPSK	Left Tilt	0	41140	2645	20	50	LOW	-0.19	0.120	16.17	16.50	1.079	0.129	/
LTEB41	State 4	ANT1	QPSK	Right Cheek	0	41140	2645	20	50	LOW	-0.19	0.263	16.17	16.50	1.079	0.284	/
LTEB41	State 4	ANT1	QPSK	Right Tilt	0	41140	2645	20	50	LOW	-0.04	0.277	16.17	16.50	1.079	0.299	/
LTEB41	State 2&4	ANT2	QPSK	Left Cheek	0	41140	2645	20	1	LOW	-0.01	0.117	24.47	24.50	1.007	0.118	/
LTEB41	State 2&4	ANT2	QPSK	Left Tilt	0	41140	2645	20	1	LOW	0.13	0.070	24.47	24.50	1.007	0.070	/
LTEB41	State 2&4	ANT2	QPSK	Right Cheek	0	41140	2645	20	1	LOW	-0.13	0.209	24.47	24.50	1.007	0.210	/
LTEB41	State 2&4	ANT2	QPSK	Right Tilt	0	41140	2645	20	1	LOW	0.01	0.104	24.47	24.50	1.007	0.105	/
LTEB41	State 2&4	ANT2	QPSK	Left Cheek	0	40640	2595	20	50	MID	-0.17	0.109	23.49	23.50	1.002	0.109	/
LTEB41	State 2&4	ANT2	QPSK	Left Tilt	0	40640	2595	20	50	MID	0.11	0.062	23.49	23.50	1.002	0.062	/
LTEB41	State 2&4	ANT2	QPSK	Right Cheek	0	40640	2595	20	50	MID	0.12	0.201	23.49	23.50	1.002	0.201	/
LTEB41	State 2&4	ANT2	QPSK	Right Tilt	0	40640	2595	20	50	MID	0.17	0.096	23.49	23.50	1.002	0.096	/
Body-Worn																	
LTEB41	State 1	ANT1	QPSK	Front Side	15	40640	2595	20	1	LOW	0.06	0.045	18.13	18.50	1.089	0.049	/
LTEB41	State 1	ANT1	QPSK	Back Side	15	40640	2595	20	1	LOW	-0.05	0.092	18.13	18.50	1.089	0.100	/
LTEB41	State 1	ANT1	QPSK	Front Side	15	40640	2595	20	50	LOW	-0.04	0.041	18.16	18.50	1.081	0.044	/
LTEB41	State 1	ANT1	QPSK	Back Side	15	40640	2595	20	50	LOW	-0.07	0.088	18.16	18.50	1.081	0.095	/
LTEB41	State 3	ANT1	QPSK	Front Side	15	40640	2595	20	1	MID	-0.13	0.040	17.66	18.00	1.081	0.043	/
LTEB41	State 3	ANT1	QPSK	Back Side	15	40640	2595	20	1	MID	-0.01	0.082	17.66	18.00	1.081	0.089	/
LTEB41	State 3	ANT1	QPSK	Front Side	15	40640	2595	20	50	MID	-0.02	0.036	17.47	18.00	1.130	0.041	/
LTEB41	State 3	ANT1	QPSK	Back Side	15	40640	2595	20	50	MID	0.13	0.078	17.47	18.00	1.130	0.088	/
LTEB41	State 1	ANT2	QPSK	Front Side	15	40640	2595	20	1	HIGH	-0.05	0.170	23.70	24.00	1.072	0.182	/
LTEB41	State 1	ANT2	QPSK	Back Side	15	40640	2595	20	1	HIGH	-0.15	0.200	23.70	24.00	1.072	0.214	68
LTEB41	State 1	ANT2	QPSK	Front Side	15	40640	2595	20	50	MID	-0.05	0.158	23.12	23.50	1.091	0.172	/

LTEB41	State 1	ANT2	QPSK	Back Side	15	40640	2595	20	50	MID	0.11	0.154	23.12	23.50	1.091	0.168	/
LTEB41	State 3	ANT2	QPSK	Front Side	15	40640	2595	20	1	HIGH	-0.09	0.121	22.20	22.50	1.072	0.130	/
LTEB41	State 3	ANT2	QPSK	Back Side	15	40640	2595	20	1	HIGH	-0.11	0.199	22.20	22.50	1.072	0.213	/
LTEB41	State 3	ANT2	QPSK	Front Side	15	40640	2595	20	50	LOW	-0.02	0.114	22.05	22.50	1.109	0.126	/
LTEB41	State 3	ANT2	QPSK	Back Side	15	40640	2595	20	50	LOW	-0.04	0.188	22.05	22.50	1.109	0.209	/
Hotspot																	
LTEB41	State 3	ANT1	QPSK	Front Side	10	40640	2595	20	1	MID	0.06	0.078	17.66	18.00	1.081	0.084	/
LTEB41	State 3	ANT1	QPSK	Back Side	10	40640	2595	20	1	MID	-0.06	0.202	17.66	18.00	1.081	0.218	/
LTEB41	State 3	ANT1	QPSK	Left Edge	10	40640	2595	20	1	MID	0.17	0.110	17.66	18.00	1.081	0.119	/
LTEB41	State 3	ANT1	QPSK	Right Edge	10	40640	2595	20	1	MID	0.16	0.008	17.66	18.00	1.081	0.009	/
LTEB41	State 3	ANT1	QPSK	Top Edge	10	40640	2595	20	1	MID	0.04	0.219	17.66	18.00	1.081	0.237	/
LTEB41	State 3	ANT1	QPSK	Front Side	10	40640	2595	20	50	MID	-0.12	0.070	17.47	18.00	1.130	0.079	/
LTEB41	State 3	ANT1	QPSK	Back Side	10	40640	2595	20	50	MID	0.15	0.194	17.47	18.00	1.130	0.219	/
LTEB41	State 3	ANT1	QPSK	Left Edge	10	40640	2595	20	50	MID	0.02	0.102	17.47	18.00	1.130	0.115	/
LTEB41	State 3	ANT1	QPSK	Right Edge	10	40640	2595	20	50	MID	0.05	0.056	17.47	18.00	1.130	0.063	/
LTEB41	State 3	ANT1	QPSK	Top Edge	10	40640	2595	20	50	MID	0.13	0.211	17.47	18.00	1.130	0.238	/
LTEB41	State 3	ANT2	QPSK	Front Side	10	40640	2595	20	1	HIGH	-0.05	0.227	22.20	22.50	1.072	0.243	/
LTEB41	State 3	ANT2	QPSK	Back Side	10	40640	2595	20	1	HIGH	0.01	0.462	22.20	22.50	1.072	0.495	69
LTEB41	State 3	ANT2	QPSK	Left Edge	10	40640	2595	20	1	HIGH	0.16	0.040	22.20	22.50	1.072	0.043	/
LTEB41	State 3	ANT2	QPSK	Right Edge	10	40640	2595	20	1	HIGH	0.04	0.047	22.20	22.50	1.072	0.050	/
LTEB41	State 3	ANT2	QPSK	Bottom Edge	10	40640	2595	20	1	HIGH	-0.11	0.176	22.20	22.50	1.072	0.189	/
LTEB41	State 3	ANT2	QPSK	Front Side	10	40640	2595	20	50	LOW	0.08	0.219	22.05	22.50	1.109	0.243	/
LTEB41	State 3	ANT2	QPSK	Back Side	10	40640	2595	20	50	LOW	-0.18	0.357	22.05	22.50	1.109	0.396	/
LTEB41	State 3	ANT2	QPSK	Left Edge	10	40640	2595	20	50	LOW	-0.13	0.032	22.05	22.50	1.109	0.035	/
LTEB41	State 3	ANT2	QPSK	Right Edge	10	40640	2595	20	50	LOW	0.09	0.039	22.05	22.50	1.109	0.043	/
LTEB41	State 3	ANT2	QPSK	Bottom Edge	10	40640	2595	20	50	LOW	-0.18	0.168	22.05	22.50	1.109	0.186	/

Band	DSI State	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Bandwidth	RB Num.	RB Start	Power Drift(dB)	10 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune- up power(dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Specific																	
LTEB41	State 1	ANT1	QPSK	Back Side	0	40640	2595	20	1	LOW	-0.09	0.648	18.13	18.50	1.089	0.706	70
LTEB41	State 1	ANT1	QPSK	Top Edge	0	40640	2595	20	1	LOW	-0.01	0.343	18.13	18.50	1.089	0.374	/
LTEB41	State 1	ANT1	QPSK	Back Side	0	40640	2595	20	50	LOW	-0.04	0.624	18.16	18.50	1.081	0.675	/
LTEB41	State 1	ANT1	QPSK	Top Edge	0	40640	2595	20	50	LOW	0.01	0.338	18.16	18.50	1.081	0.366	/
LTEB41	State 3	ANT1	QPSK	Back Side	0	40640	2595	20	1	MID	0.16	0.475	17.66	18.00	1.081	0.514	/
LTEB41	State 3	ANT1	QPSK	Top Edge	0	40640	2595	20	1	MID	-0.03	0.305	17.66	18.00	1.081	0.330	/
LTEB41	State 3	ANT1	QPSK	Back Side	0	40640	2595	20	50	MID	0.05	0.476	17.47	18.00	1.130	0.538	/
LTEB41	State 3	ANT1	QPSK	Top Edge	0	40640	2595	20	50	MID	0.12	0.301	17.47	18.00	1.130	0.340	/

10.21 WIFI 2.4GHZ

Band	DSI State	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift(dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	Duty cycle (%)	Duty cycle Factor	1g Scaled SAR (W/kg)	Meas. No.
Head																
2.4G WIFI	Level1	ANT7	802.11b	Left Cheek	0	6	2437	0.01	0.250	16.01	17.00	1.256	98.33	1.017	0.319	71
2.4G WIFI	Level1	ANT7	802.11b	Left Tilt	0	6	2437	0.13	0.207	16.01	17.00	1.256	98.33	1.017	0.264	/
2.4G WIFI	Level1	ANT7	802.11b	Right Cheek	0	6	2437	0.13	0.105	16.01	17.00	1.256	98.33	1.017	0.134	/
2.4G WIFI	Level1	ANT7	802.11b	Right Tilt	0	6	2437	-0.06	0.121	16.01	17.00	1.256	98.33	1.017	0.155	/
2.4G WIFI	Level3	ANT7	802.11b	Left Cheek	0	6	2437	0.03	0.125	12.92	14.00	1.282	98.33	1.017	0.163	/
2.4G WIFI	Level3	ANT7	802.11b	Left Tilt	0	6	2437	0.01	0.104	12.92	14.00	1.282	98.33	1.017	0.136	/
2.4G WIFI	Level3	ANT7	802.11b	Right Cheek	0	6	2437	0.01	0.053	12.92	14.00	1.282	98.33	1.017	0.069	/
2.4G WIFI	Level3	ANT7	802.11b	Right Tilt	0	6	2437	0.01	0.061	12.92	14.00	1.282	98.33	1.017	0.080	/
Body-Worn																
2.4G WIFI	Level2	ANT7	802.11b	Front Side	15	6	2437	0.14	0.048	18.56	20.00	1.393	98.33	1.017	0.068	/
2.4G WIFI	Level2	ANT7	802.11b	Back Side	15	6	2437	-0.12	0.067	18.56	20.00	1.393	98.33	1.017	0.095	72
2.4G WIFI	Level4	ANT7	802.11b	Front Side	15	6	2437	0.01	0.015	17.87	18.50	1.156	98.33	1.017	0.018	/
2.4G WIFI	Level4	ANT7	802.11b	Back Side	15	6	2437	-0.03	0.021	17.87	18.50	1.156	98.33	1.017	0.025	/
Hotspot																
2.4G WIFI	Level2	ANT7	802.11b	Front Side	10	6	2437	-0.03	0.083	18.56	20.00	1.393	98.33	1.017	0.118	/
2.4G WIFI	Level2	ANT7	802.11b	Back Side	10	6	2437	0.02	0.140	18.56	20.00	1.393	98.33	1.017	0.198	73
2.4G WIFI	Level2	ANT7	802.11b	Right Edge	10	6	2437	-0.03	0.061	18.56	20.00	1.393	98.33	1.017	0.086	/
2.4G WIFI	Level2	ANT7	802.11b	Top Edge	10	6	2437	0.15	0.099	18.56	20.00	1.393	98.33	1.017	0.140	/
2.4G WIFI	Level4	ANT7	802.11b	Front Side	10	6	2437	-0.06	0.074	17.87	18.50	1.156	98.33	1.017	0.087	/
2.4G WIFI	Level4	ANT7	802.11b	Back Side	10	6	2437	0.13	0.124	17.87	18.50	1.156	98.33	1.017	0.146	/
2.4G WIFI	Level4	ANT7	802.11b	Right Edge	10	6	2437	0.08	0.055	17.87	18.50	1.156	98.33	1.017	0.065	/
2.4G WIFI	Level4	ANT7	802.11b	Top Edge	10	6	2437	-0.06	0.088	17.87	18.50	1.156	98.33	1.017	0.103	/

10.22 WIFI 5GHz

Band	DSI State	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift(dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	Duty cycle (%)	Duty cycle Factor	1g Scaled SAR (W/kg)	Meas. No.
Head																
5.3G WIFI	Level1	ANT7	802.11ac80	Left Cheek	0	58	5290	-0.03	0.833	15.43	16.00	1.140	91.40	1.094	1.039	/
5.3G WIFI	Level1	ANT7	802.11ac80	Left Tilt	0	58	5290	0.03	0.923	15.43	16.00	1.140	91.40	1.094	1.151	74
5.3G WIFI	Level1	ANT7	802.11ac80	Left Tilt	0	58	5290	0.04	0.907	15.43	16.00	1.140	91.40	1.094	1.131	Repeat
5.3G WIFI	Level1	ANT7	802.11ac80	Left Tilt	0	58	5290	-0.01	0.918	15.43	16.00	1.140	91.40	1.094	1.145	Secondary supply
5.3G WIFI	Level1	ANT7	802.11ac80	Right Cheek	0	58	5290	-0.17	0.310	15.43	16.00	1.140	91.40	1.094	0.387	/
5.3G WIFI	Level1	ANT7	802.11ac80	Right Tilt	0	58	5290	-0.17	0.290	15.43	16.00	1.140	91.40	1.094	0.362	/
5.3G WIFI	Level3	ANT7	802.11ac80	Left Cheek	0	58	5290	-0.08	0.418	11.95	13.00	1.274	91.40	1.094	0.582	/
5.3G WIFI	Level3	ANT7	802.11ac80	Left Tilt	0	58	5290	-0.11	0.462	11.95	13.00	1.274	91.40	1.094	0.644	/
5.3G WIFI	Level3	ANT7	802.11ac80	Right Cheek	0	58	5290	0.06	0.155	11.95	13.00	1.274	91.40	1.094	0.216	/
5.3G WIFI	Level3	ANT7	802.11ac80	Right Tilt	0	58	5290	0.11	0.146	11.95	13.00	1.274	91.40	1.094	0.203	/
5.6G WIFI	Level1	ANT7	802.11ac80	Left Cheek	0	122	5610	0.09	0.616	15.01	16.00	1.256	91.40	1.094	0.846	75
5.6G WIFI	Level1	ANT7	802.11ac80	Left Tilt	0	122	5610	0.04	0.564	15.01	16.00	1.256	91.40	1.094	0.775	/
5.6G WIFI	Level1	ANT7	802.11ac80	Right Cheek	0	122	5610	-0.06	0.211	15.01	16.00	1.256	91.40	1.094	0.290	/
5.6G WIFI	Level1	ANT7	802.11ac80	Right Tilt	0	122	5610	0.13	0.223	15.01	16.00	1.256	91.40	1.094	0.306	/
5.6G WIFI	Level1	ANT7	802.11ac80	Left Cheek	0	106	5530	-0.06	0.577	14.15	15.00	1.216	91.40	1.094	0.768	/
5.6G WIFI	Level3	ANT7	802.11ac80	Left Cheek	0	122	5610	0.01	0.309	12.10	13.00	1.230	91.40	1.094	0.416	/
5.6G WIFI	Level3	ANT7	802.11ac80	Left Tilt	0	122	5610	0.02	0.282	12.10	13.00	1.230	91.40	1.094	0.380	/
5.6G WIFI	Level3	ANT7	802.11ac80	Right Cheek	0	122	5610	0.17	0.106	12.10	13.00	1.230	91.40	1.094	0.143	/
5.6G WIFI	Level3	ANT7	802.11ac80	Right Tilt	0	122	5610	0.03	0.112	12.10	13.00	1.230	91.40	1.094	0.151	/
5.8G WIFI	Level1	ANT7	802.11ac80	Left Cheek	0	155	5775	-0.19	0.575	14.93	16.00	1.279	91.40	1.094	0.805	/
5.8G WIFI	Level1	ANT7	802.11ac80	Left Tilt	0	155	5775	0.09	0.707	14.93	16.00	1.279	91.40	1.094	0.990	76
5.8G WIFI	Level1	ANT7	802.11ac80	Right Cheek	0	155	5775	0.17	0.254	14.93	16.00	1.279	91.40	1.094	0.356	/
5.8G WIFI	Level1	ANT7	802.11ac80	Right Tilt	0	155	5775	-0.10	0.353	14.93	16.00	1.279	91.40	1.094	0.494	/
5.8G WIFI	Level3	ANT7	802.11ac80	Left Cheek	0	155	5775	0.09	0.288	11.36	13.00	1.459	91.40	1.094	0.460	/
5.8G WIFI	Level3	ANT7	802.11ac80	Left Tilt	0	155	5775	-0.08	0.354	11.36	13.00	1.459	91.40	1.094	0.565	/
5.8G WIFI	Level3	ANT7	802.11ac80	Right Cheek	0	155	5775	-0.03	0.127	11.36	13.00	1.459	91.40	1.094	0.203	/
5.8G WIFI	Level3	ANT7	802.11ac80	Right Tilt	0	155	5775	-0.12	0.177	11.36	13.00	1.459	91.40	1.094	0.282	/
Body-Worn																
5.3G WIFI	Level2	ANT7	802.11ac80	Front Side	15	58	5290	-0.15	0.035	12.45	13.50	1.274	91.40	1.094	0.049	/
5.3G WIFI	Level2	ANT7	802.11ac80	Back Side	15	58	5290	-0.13	0.113	12.45	13.50	1.274	91.40	1.094	0.157	77
5.3G WIFI	Level4	ANT7	802.11ac80	Front Side	15	58	5290	-0.03	0.025	10.95	12.00	1.274	91.40	1.094	0.035	/
5.3G WIFI	Level4	ANT7	802.11ac80	Back Side	15	58	5290	0.12	0.080	10.95	12.00	1.274	91.40	1.094	0.111	/
5.6G WIFI	Level2	ANT7	802.11ac80	Front Side	15	122	5610	-0.06	0.016	12.63	13.50	1.222	91.40	1.094	0.021	/
5.6G WIFI	Level2	ANT7	802.11ac80	Back Side	15	122	5610	0.08	0.081	12.63	13.50	1.222	91.40	1.094	0.108	78
5.6G WIFI	Level4	ANT7	802.11ac80	Front Side	15	122	5610	-0.15	0.011	11.09	12.00	1.233	91.40	1.094	0.015	/

5.6G WIFI	Level4	ANT7	802.11ac80	Back Side	15	122	5610	0.00	0.057	11.09	12.00	1.233	91.40	1.094	0.077	/
5.8G WIFI	Level2	ANT7	802.11ac80	Front Side	15	155	5775	0.09	0.029	11.85	13.50	1.462	91.40	1.094	0.046	/
5.8G WIFI	Level2	ANT7	802.11ac80	Back Side	15	155	5775	0.12	0.126	11.85	13.50	1.462	91.40	1.094	0.202	79
5.8G WIFI	Level4	ANT7	802.11ac80	Front Side	15	155	5775	-0.07	0.021	10.31	12.00	1.476	91.40	1.094	0.034	/
5.8G WIFI	Level4	ANT7	802.11ac80	Back Side	15	155	5775	0.01	0.089	10.31	12.00	1.476	91.40	1.094	0.144	/
Hotspot																
5.2G WIFI	Level2	ANT7	802.11n40	Front Side	10	46	5230	-0.01	0.057	12.62	13.50	1.225	95.20	1.050	0.073	/
5.2G WIFI	Level2	ANT7	802.11n40	Back Side	10	46	5230	0.05	0.200	12.62	13.50	1.225	95.20	1.050	0.257	80
5.2G WIFI	Level2	ANT7	802.11n40	Right Edge	10	46	5230	-0.02	0.192	12.62	13.50	1.225	95.20	1.050	0.247	/
5.2G WIFI	Level2	ANT7	802.11n40	Top Edge	10	46	5230	0.00	0.128	12.62	13.50	1.225	95.20	1.050	0.165	/
5.2G WIFI	Level4	ANT7	802.11ac80	Front Side	10	42	5210	-0.17	0.040	10.96	12.00	1.271	91.40	1.094	0.056	/
5.2G WIFI	Level4	ANT7	802.11ac80	Back Side	10	42	5210	0.13	0.142	10.96	12.00	1.271	91.40	1.094	0.197	/
5.2G WIFI	Level4	ANT7	802.11ac80	Right Edge	10	42	5210	-0.18	0.136	10.96	12.00	1.271	91.40	1.094	0.189	/
5.2G WIFI	Level4	ANT7	802.11ac80	Top Edge	10	42	5210	-0.12	0.090	10.96	12.00	1.271	91.40	1.094	0.125	/
5.8G WIFI	Level2	ANT7	802.11ac80	Front Side	10	155	5775	-0.04	0.038	11.85	13.50	1.462	91.40	1.094	0.061	/
5.8G WIFI	Level2	ANT7	802.11ac80	Back Side	10	155	5775	0.04	0.199	11.85	13.50	1.462	91.40	1.094	0.318	81
5.8G WIFI	Level2	ANT7	802.11ac80	Right Edge	10	155	5775	0.05	0.148	11.85	13.50	1.462	91.40	1.094	0.237	/
5.8G WIFI	Level2	ANT7	802.11ac80	Top Edge	10	155	5775	0.17	0.104	11.85	13.50	1.462	91.40	1.094	0.166	/
5.8G WIFI	Level4	ANT7	802.11ac80	Front Side	10	155	5775	0.12	0.027	10.31	12.00	1.476	91.40	1.094	0.044	/
5.8G WIFI	Level4	ANT7	802.11ac80	Back Side	10	155	5775	0.03	0.141	10.31	12.00	1.476	91.40	1.094	0.228	/
5.8G WIFI	Level4	ANT7	802.11ac80	Right Edge	10	155	5775	-0.04	0.105	10.31	12.00	1.476	91.40	1.094	0.170	/
5.8G WIFI	Level4	ANT7	802.11ac80	Top Edge	10	155	5775	-0.17	0.074	10.31	12.00	1.476	91.40	1.094	0.119	/

Band	DSI State	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift(dB)	10g Scaled SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	Duty cycle (%)	Duty cycle Factor	10g Scaled SAR (W/kg)	Meas. No.
Specific																
5.3G WIFI	Level2	ANT7	802.11ac80	Front Side	0	58	5290	0.14	0.025	12.45	13.50	1.274	91.40	1.094	0.035	/
5.3G WIFI	Level2	ANT7	802.11ac80	Back Side	0	58	5290	0.08	0.099	12.45	13.50	1.274	91.40	1.094	0.138	/
5.3G WIFI	Level2	ANT7	802.11ac80	Left Edge	0	58	5290	-0.10	0.002	12.45	13.50	1.274	91.40	1.094	0.003	/
5.3G WIFI	Level2	ANT7	802.11ac80	Right Edge	0	58	5290	0.07	0.233	12.45	13.50	1.274	91.40	1.094	0.325	82
5.3G WIFI	Level2	ANT7	802.11ac80	Top Edge	0	58	5290	0.05	0.179	12.45	13.50	1.274	91.40	1.094	0.249	/
5.3G WIFI	Level2	ANT7	802.11ac80	Bottom Edge	0	58	5290	0.16	0.004	12.45	13.50	1.274	91.40	1.094	0.006	/
5.3G WIFI	Level4	ANT7	802.11ac80	Front Side	0	58	5290	-0.02	0.018	10.95	12.00	1.274	91.40	1.094	0.025	/
5.3G WIFI	Level4	ANT7	802.11ac80	Back Side	0	58	5290	-0.06	0.070	10.95	12.00	1.274	91.40	1.094	0.098	/
5.3G WIFI	Level4	ANT7	802.11ac80	Left Edge	0	58	5290	0.15	0.002	10.95	12.00	1.274	91.40	1.094	0.003	/
5.3G WIFI	Level4	ANT7	802.11ac80	Right Edge	0	58	5290	0.06	0.165	10.95	12.00	1.274	91.40	1.094	0.230	/
5.3G WIFI	Level4	ANT7	802.11ac80	Top Edge	0	58	5290	0.11	0.127	10.95	12.00	1.274	91.40	1.094	0.177	/
5.3G WIFI	Level4	ANT7	802.11ac80	Bottom Edge	0	58	5290	-0.10	0.003	10.95	12.00	1.274	91.40	1.094	0.004	/
5.6G WIFI	Level2	ANT7	802.11ac80	Front Side	0	122	5610	-0.11	0.069	12.63	13.50	1.222	91.40	1.094	0.092	/
5.6G WIFI	Level2	ANT7	802.11ac80	Back Side	0	122	5610	0.00	0.244	12.63	13.50	1.222	91.40	1.094	0.326	83
5.6G WIFI	Level2	ANT7	802.11ac80	Left Edge	0	122	5610	0.15	0.004	12.63	13.50	1.222	91.40	1.094	0.005	/
5.6G WIFI	Level2	ANT7	802.11ac80	Right Edge	0	122	5610	-0.08	0.149	12.63	13.50	1.222	91.40	1.094	0.199	/
5.6G WIFI	Level2	ANT7	802.11ac80	Top Edge	0	122	5610	0.02	0.136	12.63	13.50	1.222	91.40	1.094	0.182	/
5.6G WIFI	Level2	ANT7	802.11ac80	Bottom Edge	0	122	5610	0.07	0.004	12.63	13.50	1.222	91.40	1.094	0.005	/
5.6G WIFI	Level4	ANT7	802.11ac80	Front Side	0	122	5610	-0.15	0.049	11.09	12.00	1.233	91.40	1.094	0.066	/
5.6G WIFI	Level4	ANT7	802.11ac80	Back Side	0	122	5610	0.00	0.172	11.09	12.00	1.233	91.40	1.094	0.232	/
5.6G WIFI	Level4	ANT7	802.11ac80	Left Edge	0	122	5610	-0.01	0.003	11.09	12.00	1.233	91.40	1.094	0.004	/
5.6G WIFI	Level4	ANT7	802.11ac80	Right Edge	0	122	5610	0.18	0.105	11.09	12.00	1.233	91.40	1.094	0.142	/
5.6G WIFI	Level4	ANT7	802.11ac80	Top Edge	0	122	5610	0.03	0.096	11.09	12.00	1.233	91.40	1.094	0.130	/
5.6G WIFI	Level4	ANT7	802.11ac80	Bottom Edge	0	122	5610	-0.10	0.003	11.09	12.00	1.233	91.40	1.094	0.004	/

10.23 Bluetooth

Band	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift(dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	Duty cycle (%)	Duty cycle Factor	1g Scaled SAR (W/kg)	Meas. No.
Head															
Bluetooth	ANT7	DH5	Left Cheek	0	39	2441	0.07	0.144	12.19	13.50	1.352	76.59	1.013	0.197	84
Bluetooth	ANT7	DH5	Left Tilt	0	39	2441	0.06	0.113	12.19	13.50	1.352	76.59	1.013	0.155	/
Bluetooth	ANT7	DH5	Right Cheek	0	39	2441	0.17	0.060	12.19	13.50	1.352	76.59	1.013	0.082	/
Bluetooth	ANT7	DH5	Right Tilt	0	39	2441	0.09	0.058	12.19	13.50	1.352	76.59	1.013	0.079	/
Body-Worn															
Bluetooth	ANT7	DH5	Front Side	15	39	2441	-0.06	0.008	12.19	13.50	1.352	76.59	1.013	0.011	/
Bluetooth	ANT7	DH5	Back Side	15	39	2441	-0.16	0.022	12.19	13.50	1.352	76.59	1.013	0.030	85
Hotspot															
Bluetooth	ANT7	DH5	Front Side	10	39	2441	-0.15	0.025	12.19	13.50	1.352	76.59	1.013	0.034	/
Bluetooth	ANT7	DH5	Back Side	10	39	2441	-0.14	0.040	12.19	13.50	1.352	76.59	1.013	0.054	86
Bluetooth	ANT7	DH5	Right Edge	10	39	2441	0.12	0.008	12.19	13.50	1.352	76.59	1.013	0.011	/
Bluetooth	ANT7	DH5	Top Edge	10	39	2441	0.19	0.026	12.19	13.50	1.352	76.59	1.013	0.036	/

11 SAR Measurement Variability

According to KDB 865664 D01, SAR measurement variability was assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media are required for SAR measurements in a frequency band, the variability measurement procedures should be applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium. Alternatively, if the highest measured SAR for both head and body tissue-equivalent media are ≤ 1.45 W/kg and the ratio of these highest SAR values, i.e., largest divided by smallest value, is ≤ 1.10 , the highest SAR configuration for either head or body tissue-equivalent medium may be used to perform the repeated measurement. These additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

SAR repeated measurement procedure:

1. When the highest measured SAR is < 0.80 W/kg, repeated measurement is not required.
2. When the highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
3. If the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 , or when the original or repeated measurement is ≥ 1.45 W/kg, perform a second repeated measurement.
4. If the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 , and the original, first or second repeated measurement is ≥ 1.5 W/kg, perform a third repeated measurement.

Frequency Band (MHz)	Wireless Band	RF Exposure Conditions	Test Position	Highest Measured SAR (W/kg)	Repeated SAR (Yes/No)	Repeated ^{1st} Measured SAR (W/kg)	Largest to Smallest SAR Ratio
1800	WCDMA B2	Head	Right Tilt	0.810	Yes	0.802	1.01
836.4	WCDMA B5	Hotspot	Left Edge	0.815	Yes	0.802	1.02
1880	LTE B2	Head	Right Tilt	0.919	Yes	0.905	1.02
844	LTE B5	Hotspot	Left Edge	0.936	Yes	0.914	1.02
2535	LTE B7	Head	Right Tilt	0.982	Yes	0.945	1.04
2535	LTE B7	Specific	Back Side	2.020	Yes	1.890	1.07
5290	5.3G WIFI	Head	Left Tilt	0.923	Yes	0.907	1.02

Note: The ratio of largest to smallest SAR for the original and first repeated measurements is < 1.20 , the second repeated measurement. is not required.

12 SIMULTANEOUS TRANSMISSION

Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneous transmitting antenna. When the sum of SAR 1g of all simultaneously transmitting antennas in an operating mode and exposure condition combination is within the SAR limit (SAR 1g 1.6 W/kg), the simultaneous transmission SAR is not required. When the sum of SAR 1g is greater than the SAR limit (SAR 1g 1.6 W/kg), SAR test exclusion is determined by the SAR to Peak Location Ratio (SPLSR).

12.1 Simultaneous Transmission Mode Consider

No.	Simultaneous Tx Combination	Head	Body-Worn	Hotspot	Specific
1	5G WIFI + BT	Yes	Yes	Yes	Yes
2	WWAN + BT	Yes	Yes	Yes	Yes
3	WWAN + 2.4G WIFI	Yes	Yes	Yes	Yes
4	WWAN + 5G WIFI	Yes	Yes	Yes	Yes

Note:

1. WiFi 2.4G and Bluetooth share the same antenna, and can't transmit simultaneously.
2. The maximum SAR summation is calculated based on the same configuration and test position.
3. When stand-alone SAR is not required for a side of antenna, its SAR is considered zero in the SAR summing process to assess Multi-band transmission SAR compliance.

12.2 Sum SAR of Simultaneous Transmission

Please refer the document "Ti-CC26010219-AST.pdf".

13 TEST EQUIPMENTS LIST

Description	Manufacturer	Model	Serial No./Version	Cal. Date	Cal. Due
PC	Dell	N/A	N/A	N/A	N/A
Test Software	Speag	DASY5	52.8.8.1222	N/A	N/A
750MHz Validation Dipole	Speag	D750V3	SN: 1208	2024/08/19	2027/08/18
835MHz Validation Dipole	Speag	D835V2	SN: 4d187	2024/05/08	2027/05/07
1750MHz Validation Dipole	Speag	D1750V2	SN: 1130	2024/05/08	2027/05/07
1950MHz Validation Dipole	Speag	D1950V3	SN: 1240	2024/08/22	2027/08/21
2450MHz Validation Dipole	Speag	D2450V2	SN: 952	2024/05/07	2027/05/06
2600MHz Validation Dipole	Speag	D2600V2	SN: 1095	2024/05/08	2027/05/07
5GHz Validation Dipole	Speag	D5GHzV2	SN: 1200	2024/05/09	2027/05/08
Data Acquisition Electronics	Speag	DAE4	SN: 540	2025/04/21	2026/04/20
E-Field Probe	Speag	EX3DV4	SN: 3748	2025/04/24	2026/04/23
Signal Generator	Keysight	N5173B	MY62150163	2025/07/15	2026/07/14
Power Meter	R&S	NRVD-B2	835843/014	2025/07/15	2026/07/14
Power Sensor	R&S	NRV-Z4	100381	2025/07/15	2026/07/14
Power Sensor	R&S	NRV-Z2	100211	2025/07/15	2026/07/14
Wireless Communication Test Set	R&S	CMW500	104946	2025/05/21	2026/05/20
Network Analyzer	Agilent	E5071C	MY46103472	2025/08/13	2026/08/12
Thermometer	Elitech	RC-4HC	EF720B004813	2024/10/24	2025/10/23
Thermometer	Elitech	RC-4HC	EF720B004817	2024/10/24	2025/10/23
Power Amplifier	Mini-Circuits	ZVA-183W-S+	932502132	N/A	N/A
Dielectric Probe Kit	Speag	DAK3.5	SN: 1312	N/A	N/A
Phantom	Speag	SAM	SN: 1857	N/A	N/A
Attenuator	COM-MW	ZA-S1-31	1305003187	N/A	N/A
Directional coupler	AA-MCS	AAMCS-UDC	000272	N/A	N/A

Note: For dipole antennas, BALUN has adopted 3 years as calibration intervals, and on annual basis, every measurement dipole has been evaluated and is in compliance with the following criteria:

1. There is no physical damage on the dipole;
2. System validation with specific dipole is within 10% of calibrated value;
3. Return-loss in within 20% of calibrated measurement.
4. Impedance (real or imaginary parts) in within 5 Ohms of calibrated measurement.

ANNEX A SIMULATING LIQUID VERIFICATION RESULT

The dielectric parameters of the liquids were verified prior to the SAR evaluation using a DAK3.5 Dielectric Probe Kit.

Head Liquid

Date	Liquid Type	Fre. (MHz)	Temp. (°C)	Meas. Conductivity (σ) (S/m)	Meas. Permittivity (ϵ)	Target Conductivity (σ) (S/m)	Target Permittivity (ϵ)	Conductivity Tolerance (%)	Permittivity Tolerance (%)
2025.9.1	Head	750	21.3	0.91	42.50	0.89	41.94	2.25	1.34
2025.9.2	Head	750	21.4	0.91	42.47	0.89	41.94	2.25	1.26
2025.9.3	Head	835	21.2	0.93	42.22	0.90	41.50	3.33	1.73
2025.9.4	Head	835	21.4	0.93	42.30	0.90	41.50	3.33	1.93
2025.9.5	Head	835	21.0	0.93	42.28	0.90	41.50	3.33	1.88
2025.9.6	Head	835	21.1	0.94	42.09	0.90	41.50	4.44	1.42
2025.9.7	Head	835	21.4	0.94	42.01	0.90	41.50	4.44	1.23
2025.9.2	Head	835	21.4	0.94	42.00	0.90	41.50	4.44	1.20
2025.9.8	Head	1750	21.0	1.37	40.35	1.37	40.08	0.00	0.67
2025.9.9	Head	1750	20.9	1.38	40.24	1.37	40.08	0.73	0.40
2025.9.10	Head	1750	21.1	1.38	40.21	1.37	40.08	0.73	0.32
2025.9.11	Head	1950	21.2	1.42	40.17	1.40	40.00	1.43	0.43
2025.9.12	Head	1950	21.3	1.42	40.10	1.40	40.00	1.43	0.25
2025.9.13	Head	2450	21.7	1.81	39.33	1.80	39.20	0.56	0.33
2025.9.14	Head	2600	21.8	1.96	39.12	1.96	39.01	0.00	0.28
2025.9.15	Head	2600	21.6	1.97	39.01	1.96	39.01	0.51	0.00
2025.9.16	Head	2600	21.4	1.94	39.31	1.96	39.01	-1.02	0.77
2025.9.17	Head	2600	21.6	1.95	39.23	1.96	39.01	-0.51	0.56
2025.9.11	Head	2600	21.2	1.96	39.11	1.96	39.01	0.00	0.26
2025.9.10	Head	5250	21.1	4.64	35.09	4.71	35.93	-1.49	-2.34
2025.9.18	Head	5250	21.5	4.72	34.89	4.71	35.93	0.21	-2.89
2025.9.19	Head	5600	21.4	5.03	34.30	5.07	35.53	-0.79	-3.46
2025.9.20	Head	5750	21.0	5.23	33.90	5.22	35.36	0.19	-4.13

Note: The tolerance limit of Conductivity and Permittivity is $\pm 5\%$.

ANNEX B SYSTEM CHECK RESULT

Comparing to the original SAR value provided by SPEAG, the validation data should be within its specification of 10 % (for 1 g).

Head liquid 1g

Date	Liquid Type	Freq. (MHz)	Power (mW)	Measured SAR (W/kg)	Normalized SAR (W/kg)	Dipole SAR (W/kg)	Tolerance (%)
2025.9.1	Head	750	100	0.881	8.81	8.46	4.14
2025.9.2	Head	750	100	0.839	8.39	8.46	-0.83
2025.9.3	Head	835	100	0.930	9.30	9.74	-4.52
2025.9.4	Head	835	100	0.953	9.53	9.74	-2.16
2025.9.5	Head	835	100	0.916	9.16	9.74	-5.95
2025.9.6	Head	835	100	0.963	9.63	9.74	-1.13
2025.9.7	Head	835	100	0.926	9.26	9.74	-4.93
2025.9.2	Head	835	100	0.933	9.33	9.74	-4.21
2025.9.8	Head	1750	100	3.610	36.10	37.00	-2.43
2025.9.9	Head	1750	100	3.780	37.80	37.00	2.16
2025.9.10	Head	1750	100	3.680	36.80	37.00	-0.54
2025.9.11	Head	1950	100	4.230	42.30	41.70	1.44
2025.9.12	Head	1950	100	3.970	39.70	41.70	-4.80
2025.9.13	Head	2450	100	4.970	49.70	52.60	-5.51
2025.9.14	Head	2600	100	5.470	54.70	55.90	-2.15
2025.9.15	Head	2600	100	5.700	57.00	55.90	1.97
2025.9.16	Head	2600	100	5.300	53.00	55.90	-5.19
2025.9.17	Head	2600	100	5.660	56.60	55.90	1.25
2025.9.11	Head	2600	100	5.500	55.00	55.90	-1.61
2025.9.10	Head	5250	100	7.720	77.20	77.70	-0.64
2025.9.18	Head	5250	100	7.380	73.80	77.70	-5.02
2025.9.19	Head	5600	100	8.100	81.00	81.30	-0.37
2025.9.20	Head	5750	100	8.300	83.00	77.60	6.96

Note: The tolerance limit of System validation $\pm 10\%$.

Head liquid 10g

Date	Freq. (MHz)	Power (mW)	Measured SAR (W/kg)	Normalized SAR (W/kg)	Dipole SAR (W/kg)	Tolerance (%)
2025.9.3	835	100	0.608	6.08	6.43	-5.44
2025.9.4	835	100	0.623	6.23	6.43	-3.11
2025.9.5	835	100	0.598	5.98	6.43	-7.00
2025.9.6	835	100	0.633	6.33	6.43	-1.56
2025.9.7	835	100	0.608	6.08	6.43	-5.44
2025.9.2	835	100	0.618	6.18	6.43	-3.89
2025.9.8	1750	100	1.900	19.00	19.70	-3.55
2025.9.9	1750	100	1.990	19.90	19.70	1.02
2025.9.10	1750	100	1.930	19.30	19.70	-2.03
2025.9.13	2450	100	2.290	22.90	24.70	-7.29
2025.9.14	2600	100	2.430	24.30	25.40	-4.33
2025.9.15	2600	100	2.540	25.40	25.40	0.00
2025.9.16	2600	100	2.350	23.50	25.40	-7.48
2025.9.17	2600	100	2.440	24.40	25.40	-3.94
2025.9.11	2600	100	2.500	25.00	25.40	-1.57
2025.9.10	5250	100	2.200	22.00	22.00	0.00
2025.9.18	5250	100	2.090	20.90	22.00	-5.00
2025.9.19	5600	100	2.290	22.90	23.10	-0.87

Note: The tolerance limit of System validation $\pm 10\%$.

Please refer the document "Ti-CC26010219-ASC.pdf".

ANNEX C TEST DATA

Please refer the document “Ti-CC26010219-ATD.pdf”.

ANNEX D EUT EXTERNAL PHOTOS

Please refer the document “Ti-CC26010219-AW.pdf”.

ANNEX E SAR TEST SETUP PHOTOS

Please refer the document “Ti-CC26010219-AS.pdf”.

ANNEX F CALIBRATION REPORT

Please refer the document “Ti-CC26010219-AC.pdf”.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the "inspection and testing dedicated stamp" or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
6. This report shall not be partially reproduced without the written permission of the laboratory.
7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--