MIMO SAR verification results

N41 UL-MIMO (Ant1+5) DSI1-Close Head			
SISO Ant1 Plimit (dBm)	20.2	SISO Ant1 Pmax (dBm)	24.7
SISO Ant5 Plimit (dBm)	15.5	SISO Ant5 Pmax (dBm)	25.0
Ptest (dBm)	15.5	Total uncertainty (dB)	1.0
SAR design target (W/kg)	0.87	Back off	0
Measured MIMO Ptest (dBm)	15.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.596
Reported SAR_{MIMO}	0.750	Calc.SAR	1.473

N41 UL-MIMO (Ant1+5) DSI4-Close Hotspot			
SISO Ant1 Plimit (dBm)	20.2	SISO Ant1 Pmax (dBm)	24.7
SISO Ant5 Plimit (dBm)	15.5	SISO Ant5 Pmax (dBm)	25.0
Ptest (dBm)	15.5	Total uncertainty (dB)	1.0
SAR design target (W/kg)	0.87	Back off	0
Measured MIMO Ptest (dBm)	15.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.491
Reported SAR_{MIMO}	0.618	Calc.SAR	1.473

N41 UL-MIMO (Ant1+5) DSI3-Close Body-worn			
SISO Ant1 Plimit (dBm)	21.2	SISO Ant1 Pmax (dBm)	24.7
SISO Ant5 Plimit (dBm)	27.1	SISO Ant5 Pmax (dBm)	25.0
Ptest (dBm)	21.2	Total uncertainty (dB)	1.0
SAR design target (W/kg)	0.87	Back off	0
Measured MIMO Ptest (dBm)	21.20	Measured MIMO SAR at meas. Ptest (W/kg)	0.185
Reported SAR_{MIMO}	0.233	Calc.SAR	1.377

N41 UL-MIMO (Ant1+6) DSI1-Close Head			
SISO Ant1 Plimit (dBm)	20.2	SISO Ant1 Pmax (dBm)	24.7
SISO Ant6 Plimit (dBm)	20.2	SISO Ant6 Pmax (dBm)	24.2
Ptest (dBm)	20.2	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	20.20	Measured MIMO SAR at meas. Ptest (W/kg)	0.548
Reported SAR_{MIMO}	0.774	Calc.SAR	2.204

N41 UL-MIMO (Ant1+6) DSI4-Close Hotspot			
SISO Ant1 Plimit (dBm)	20.2	SISO Ant1 Pmax (dBm)	24.7
SISO Ant6 Plimit (dBm)	17.2	SISO Ant6 Pmax (dBm)	24.2
Ptest (dBm)	17.2	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.20	Measured MIMO SAR at meas. Ptest (W/kg)	0.325
Reported SAR_{MIMO}	0.459	Calc.SAR	1.654

N41 UL-MIMO (Ant1+6) DSI3-Close Body-worn			
SISO Ant1 Plimit (dBm)	21.2	SISO Ant1 Pmax (dBm)	24.7
SISO Ant6 Plimit (dBm)	29.3	SISO Ant6 Pmax (dBm)	24.2
Ptest (dBm)	21.2	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	21.20	Measured MIMO SAR at meas. Ptest (W/kg)	0.106
Reported SAR_{MIMO}	0.150	Calc.SAR	1.272

N41 UL-MIMO (Ant5+6) DSI1-Close Head			
SISO Ant5 Plimit (dBm)	15.5	SISO Ant5 Pmax (dBm)	25.0
SISO Ant6 Plimit (dBm)	20.2	SISO Ant6 Pmax (dBm)	24.2
Ptest (dBm)	15.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	15.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.580
Reported SAR_{MIMO}	0.819	Calc.SAR	1.475

N41 UL-MIMO (Ant5+6) DSI4-Close Hotspot			
SISO Ant5 Plimit (dBm)	15.5	SISO Ant5 Pmax (dBm)	25.0
SISO Ant6 Plimit (dBm)	17.2	SISO Ant6 Pmax (dBm)	24.2
Ptest (dBm)	15.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	15.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.497
Reported SAR_{MIMO}	0.702	Calc.SAR	1.847

N41 UL-MIMO (Ant5+6) DSI3-Close Body-worn			
SISO Ant5 Plimit (dBm)	27.1	SISO Ant5 Pmax (dBm)	25.0
SISO Ant6 Plimit (dBm)	29.3	SISO Ant6 Pmax (dBm)	24.2
Ptest (dBm)	24.2	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	24.20	Measured MIMO SAR at meas. Ptest (W/kg)	0.521
Reported SAR_{MIMO}	0.736	Calc.SAR	0.906

N41 UL-MIMO (Ant1+5) DSI5-Open Head			
SISO Ant1 Plimit (dBm)	18.7	SISO Ant1 Pmax (dBm)	24.7
SISO Ant5 Plimit (dBm)	15.0	SISO Ant5 Pmax (dBm)	25.0
Ptest (dBm)	15.0	Total uncertainty (dB)	1.0
SAR design target (W/kg)	0.87	Back off	0
Measured MIMO Ptest (dBm)	15.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.611
Reported SAR_{MIMO}	0.769	Calc.SAR	1.562

N41 UL-MIMO (Ant1+5) DSI8-Open Hotspot			
SISO Ant1 Plimit (dBm)	18.7	SISO Ant1 Pmax (dBm)	24.7
SISO Ant5 Plimit (dBm)	15.0	SISO Ant5 Pmax (dBm)	25.0
Ptest (dBm)	15.0	Total uncertainty (dB)	1.0
SAR design target (W/kg)	0.87	Back off	0
Measured MIMO Ptest (dBm)	15.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.294
Reported SAR_{MIMO}	0.370	Calc.SAR	1.562

N41 UL-MIMO (Ant1+5) DSI7-Open Body-worn			
SISO Ant1 Plimit (dBm)	21.2	SISO Ant1 Pmax (dBm)	24.7
SISO Ant5 Plimit (dBm)	25.2	SISO Ant5 Pmax (dBm)	25.0
Ptest (dBm)	21.2	Total uncertainty (dB)	1.0
SAR design target (W/kg)	0.87	Back off	0
Measured MIMO Ptest (dBm)	21.20	Measured MIMO SAR at meas. Ptest (W/kg)	0.244
Reported SAR_{MIMO}	0.307	Calc.SAR	1.531

N41 UL-MIMO (Ant1+6) DSI5-Open Head			
SISO Ant1 Plimit (dBm)	18.7	SISO Ant1 Pmax (dBm)	24.7
SISO Ant6 Plimit (dBm)	18.2	SISO Ant6 Pmax (dBm)	24.2
Ptest (dBm)	18.2	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	18.20	Measured MIMO SAR at meas. Ptest (W/kg)	0.485
Reported SAR_{MIMO}	0.685	Calc.SAR	2.084

N41 UL-MIMO (Ant1+6) DSI8-Open Hotspot			
SISO Ant1 Plimit (dBm)	18.7	SISO Ant1 Pmax (dBm)	24.7
SISO Ant6 Plimit (dBm)	18.2	SISO Ant6 Pmax (dBm)	24.2
Ptest (dBm)	18.2	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	18.20	Measured MIMO SAR at meas. Ptest (W/kg)	0.409
Reported SAR_{MIMO}	0.578	Calc.SAR	2.084

N41 UL-MIMO (Ant1+6) DSI7-Open Body-worn			
SISO Ant1 Plimit (dBm)	21.2	SISO Ant1 Pmax (dBm)	24.7
SISO Ant6 Plimit (dBm)	28.4	SISO Ant6 Pmax (dBm)	24.2
Ptest (dBm)	21.2	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	21.20	Measured MIMO SAR at meas. Ptest (W/kg)	0.206
Reported SAR_{MIMO}	0.291	Calc.SAR	1.312

N41 UL-MIMO (Ant5+6) DSI5-Open Head			
SISO Ant5 Plimit (dBm)	15.0	SISO Ant5 Pmax (dBm)	25.0
SISO Ant6 Plimit (dBm)	18.2	SISO Ant6 Pmax (dBm)	24.2
Ptest (dBm)	15.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	15.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.655
Reported SAR_{MIMO}	0.925	Calc.SAR	1.629

N41 UL-MIMO (Ant5+6) DSI8-Open Hotspot			
SISO Ant5 Plimit (dBm)	15.0	SISO Ant5 Pmax (dBm)	25.0
SISO Ant6 Plimit (dBm)	18.2	SISO Ant6 Pmax (dBm)	24.2
Ptest (dBm)	15.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	15.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.304
Reported SAR_{MIMO}	0.429	Calc.SAR	1.629

N41 UL-MIMO (Ant5+6) DSI7-Open Body-worn			
SISO Ant5 Plimit (dBm)	25.2	SISO Ant5 Pmax (dBm)	25.0
SISO Ant6 Plimit (dBm)	28.4	SISO Ant6 Pmax (dBm)	24.2
Ptest (dBm)	24.2	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	24.20	Measured MIMO SAR at meas. Ptest (W/kg)	0.816
Reported SAR_{MIMO}	1.153	Calc.SAR	1.294

N77 UL-MIMO (Ant1+6) DSI1-Close Head			
SISO Ant1 Plimit (dBm)	19.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant6 Plimit (dBm)	20.5	SISO Ant6 Pmax (dBm)	24.0
Ptest (dBm)	19.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	19.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.315
Reported SAR_{MIMO}	0.445	Calc.SAR	1.985

N77 UL-MIMO (Ant1+6) DSI4-Close Hotspot			
SISO Ant1 Plimit (dBm)	17.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant6 Plimit (dBm)	18.0	SISO Ant6 Pmax (dBm)	24.0
Ptest (dBm)	17.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.325
Reported SAR_{MIMO}	0.459	Calc.SAR	2.092

N77 UL-MIMO (Ant1+6) DSI3-Close Body-worn			
SISO Ant1 Plimit (dBm)	21.0	SISO Ant1 Pmax (dBm)	25.5
SISO Ant6 Plimit (dBm)	29.8	SISO Ant6 Pmax (dBm)	24.0
Ptest (dBm)	21.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	21.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.097
Reported SAR_{MIMO}	0.137	Calc.SAR	1.252

N77 UL-MIMO (Ant1+7) DSI1-Close Head			
SISO Ant1 Plimit (dBm)	19.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant7 Plimit (dBm)	15.0	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	15.0	Total uncertainty (dB)	1.0
SAR design target (W/kg)	0.87	Back off	0
Measured MIMO Ptest (dBm)	15.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.570
Reported SAR_{MIMO}	0.718	Calc.SAR	1.484

N77 UL-MIMO (Ant1+7) DSI4-Close Hotspot			
SISO Ant1 Plimit (dBm)	17.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant7 Plimit (dBm)	15.0	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	15.0	Total uncertainty (dB)	1.0
SAR design target (W/kg)	0.87	Back off	0
Measured MIMO Ptest (dBm)	15.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.609
Reported SAR_{MIMO}	0.767	Calc.SAR	1.711

N77 UL-MIMO (Ant1+7) DSI3-Close Body-worn			
SISO Ant1 Plimit (dBm)	21.0	SISO Ant1 Pmax (dBm)	25.5
SISO Ant7 Plimit (dBm)	19.0	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	19.0	Total uncertainty (dB)	1.0
SAR design target (W/kg)	0.87	Back off	0
Measured MIMO Ptest (dBm)	19.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.157
Reported SAR_{MIMO}	0.198	Calc.SAR	1.786

N77 UL-MIMO (Ant1+8) DSI1-Close Head			
SISO Ant1 Plimit (dBm)	19.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant8 Plimit (dBm)	16.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	16.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.389
Reported SAR_{MIMO}	0.549	Calc.SAR	1.654

N77 UL-MIMO (Ant1+8) DSI4-Close Hotspot			
SISO Ant1 Plimit (dBm)	17.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant8 Plimit (dBm)	16.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	16.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.336
Reported SAR_{MIMO}	0.475	Calc.SAR	1.977

N77 UL-MIMO (Ant1+8) DSI3-Close Body-worn			
SISO Ant1 Plimit (dBm)	21.0	SISO Ant1 Pmax (dBm)	25.5
SISO Ant8 Plimit (dBm)	27.0	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	21.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	21.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.067
Reported SAR_{MIMO}	0.095	Calc.SAR	1.379

N77 UL-MIMO (Ant6+7) DSI1-Close Head			
SISO Ant6 Plimit (dBm)	20.5	SISO Ant6 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	15.0	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	15.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	15.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.597
Reported SAR_{MIMO}	0.843	Calc.SAR	1.412

N77 UL-MIMO (Ant6+7) DSI4-Close Hotspot			
SISO Ant6 Plimit (dBm)	18.0	SISO Ant6 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	15.0	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	15.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	15.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.651
Reported SAR_{MIMO}	0.920	Calc.SAR	1.654

N77 UL-MIMO (Ant6+7) DSI3-Close Body-worn			
SISO Ant6 Plimit (dBm)	29.8	SISO Ant6 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	19.0	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	19.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	19.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.119
Reported SAR_{MIMO}	0.168	Calc.SAR	1.193

N77 UL-MIMO (Ant6+8) DSI1-Close Head			
SISO Ant6 Plimit (dBm)	20.5	SISO Ant6 Pmax (dBm)	24.0
SISO Ant8 Plimit (dBm)	16.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	16.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.315
Reported SAR_{MIMO}	0.445	Calc.SAR	1.540

N77 UL-MIMO (Ant6+8) DSI4-Close Hotspot			
SISO Ant6 Plimit (dBm)	18.0	SISO Ant6 Pmax (dBm)	24.0
SISO Ant8 Plimit (dBm)	16.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	16.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.529
Reported SAR_{MIMO}	0.747	Calc.SAR	1.882

N77 UL-MIMO (Ant6+8) DSI3-Close Body-worn			
SISO Ant6 Plimit (dBm)	29.8	SISO Ant6 Pmax (dBm)	24.0
SISO Ant8 Plimit (dBm)	27.0	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	23.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	23.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.136
Reported SAR_{MIMO}	0.192	Calc.SAR	0.750

N77 UL-MIMO (Ant7+8) DSI1-Close Head			
SISO Ant7 Plimit (dBm)	15.0	SISO Ant7 Pmax (dBm)	25.0
SISO Ant8 Plimit (dBm)	16.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	15.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	15.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.592
Reported SAR_{MIMO}	0.836	Calc.SAR	1.882

N77 UL-MIMO (Ant7+8) DSI4-Close Hotspot			
SISO Ant7 Plimit (dBm)	15.0	SISO Ant7 Pmax (dBm)	25.0
SISO Ant8 Plimit (dBm)	16.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	15.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	15.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.698
Reported SAR_{MIMO}	0.986	Calc.SAR	1.882

N77 UL-MIMO (Ant7+8) DSI3-Close Body-worn			
SISO Ant7 Plimit (dBm)	19.0	SISO Ant7 Pmax (dBm)	25.0
SISO Ant8 Plimit (dBm)	27.0	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	19.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	19.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.165
Reported SAR_{MIMO}	0.233	Calc.SAR	1.276

N77 UL-MIMO (Ant1+6) DSI5-Open Head			
SISO Ant1 Plimit (dBm)	19.0	SISO Ant1 Pmax (dBm)	25.5
SISO Ant6 Plimit (dBm)	19.5	SISO Ant6 Pmax (dBm)	24.0
Ptest (dBm)	19.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	19.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.542
Reported SAR_{MIMO}	0.766	Calc.SAR	2.092

N77 UL-MIMO (Ant1+6) DSI8-Open Hotspot			
SISO Ant1 Plimit (dBm)	19.0	SISO Ant1 Pmax (dBm)	25.5
SISO Ant6 Plimit (dBm)	18.5	SISO Ant6 Pmax (dBm)	24.0
Ptest (dBm)	18.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	18.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.350
Reported SAR_{MIMO}	0.494	Calc.SAR	2.092

N77 UL-MIMO (Ant1+6) DSI7-Open Body-worn			
SISO Ant1 Plimit (dBm)	20.0	SISO Ant1 Pmax (dBm)	25.5
SISO Ant6 Plimit (dBm)	29.8	SISO Ant6 Pmax (dBm)	24.0
Ptest (dBm)	20.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	20.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.161
Reported SAR_{MIMO}	0.227	Calc.SAR	1.222

N77 UL-MIMO (Ant1+7) DSI5-Open Head			
SISO Ant1 Plimit (dBm)	19.0	SISO Ant1 Pmax (dBm)	25.5
SISO Ant7 Plimit (dBm)	15.0	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	15.0	Total uncertainty (dB)	1.0
SAR design target (W/kg)	0.87	Back off	0
Measured MIMO Ptest (dBm)	15.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.659
Reported SAR_{MIMO}	0.830	Calc.SAR	1.531

N77 UL-MIMO (Ant1+7) DSI8-Open Hotspot			
SISO Ant1 Plimit (dBm)	19.0	SISO Ant1 Pmax (dBm)	25.5
SISO Ant7 Plimit (dBm)	15.0	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	15.0	Total uncertainty (dB)	1.0
SAR design target (W/kg)	0.87	Back off	0
Measured MIMO Ptest (dBm)	15.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.631
Reported SAR_{MIMO}	0.794	Calc.SAR	1.531

N77 UL-MIMO (Ant1+7) DSI7-Open Body-worn			
SISO Ant1 Plimit (dBm)	20.0	SISO Ant1 Pmax (dBm)	25.5
SISO Ant7 Plimit (dBm)	18.0	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	18.0	Total uncertainty (dB)	1.0
SAR design target (W/kg)	0.87	Back off	0
Measured MIMO Ptest (dBm)	18.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.196
Reported SAR_{MIMO}	0.247	Calc.SAR	1.786

N77 UL-MIMO (Ant1+8) DSI5-Open Head			
SISO Ant1 Plimit (dBm)	19.0	SISO Ant1 Pmax (dBm)	25.5
SISO Ant8 Plimit (dBm)	14.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	14.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	14.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.494
Reported SAR_{MIMO}	0.698	Calc.SAR	1.493

N77 UL-MIMO (Ant1+8) DSI8-Open Hotspot			
SISO Ant1 Plimit (dBm)	19.0	SISO Ant1 Pmax (dBm)	25.5
SISO Ant8 Plimit (dBm)	14.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	14.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	14.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.146
Reported SAR_{MIMO}	0.206	Calc.SAR	1.493

N77 UL-MIMO (Ant1+8) DSI7-Open Body-worn			
SISO Ant1 Plimit (dBm)	20.0	SISO Ant1 Pmax (dBm)	25.5
SISO Ant8 Plimit (dBm)	25.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	20.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	20.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.113
Reported SAR_{MIMO}	0.160	Calc.SAR	1.412

N77 UL-MIMO (Ant6+7) DSI5-Open Head			
SISO Ant6 Plimit (dBm)	19.5	SISO Ant6 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	15.0	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	15.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	15.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.603
Reported SAR_{MIMO}	0.852	Calc.SAR	1.493

N77 UL-MIMO (Ant6+7) DSI8-Open Hotspot			
SISO Ant6 Plimit (dBm)	18.5	SISO Ant6 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	15.0	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	15.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	15.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.614
Reported SAR_{MIMO}	0.867	Calc.SAR	1.594

N77 UL-MIMO (Ant6+7) DSI7-Open Body-worn			
SISO Ant6 Plimit (dBm)	29.8	SISO Ant6 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	18.0	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	18.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	18.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.204
Reported SAR_{MIMO}	0.288	Calc.SAR	1.175

N77 UL-MIMO (Ant6+8) DSI5-Open Head			
SISO Ant6 Plimit (dBm)	19.5	SISO Ant6 Pmax (dBm)	24.0
SISO Ant8 Plimit (dBm)	14.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	14.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	14.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.486
Reported SAR_{MIMO}	0.686	Calc.SAR	1.450

N77 UL-MIMO (Ant6+8) DSI8-Open Hotspot			
SISO Ant6 Plimit (dBm)	18.5	SISO Ant6 Pmax (dBm)	24.0
SISO Ant8 Plimit (dBm)	14.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	14.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	14.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.122
Reported SAR_{MIMO}	0.172	Calc.SAR	1.540

N77 UL-MIMO (Ant6+8) DSI7-Open Body-worn			
SISO Ant6 Plimit (dBm)	29.8	SISO Ant6 Pmax (dBm)	24.0
SISO Ant8 Plimit (dBm)	25.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	23.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	23.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.174
Reported SAR_{MIMO}	0.246	Calc.SAR	0.953

N77 UL-MIMO (Ant7+8) DSI5-Open Head			
SISO Ant7 Plimit (dBm)	15.0	SISO Ant7 Pmax (dBm)	25.0
SISO Ant8 Plimit (dBm)	14.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	14.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	14.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.688
Reported SAR_{MIMO}	0.972	Calc.SAR	2.084

N77 UL-MIMO (Ant7+8) DSI8-Open Hotspot			
SISO Ant7 Plimit (dBm)	15.0	SISO Ant7 Pmax (dBm)	25.0
SISO Ant8 Plimit (dBm)	14.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	14.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	14.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.414
Reported SAR_{MIMO}	0.585	Calc.SAR	2.084

N77 UL-MIMO (Ant7+8) DSI7-Open Body-worn			
SISO Ant7 Plimit (dBm)	18.0	SISO Ant7 Pmax (dBm)	25.0
SISO Ant8 Plimit (dBm)	25.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	18.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	18.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.187
Reported SAR_{MIMO}	0.264	Calc.SAR	1.298

N78 UL-MIMO (Ant1+6) DSI1-Close Head			
SISO Ant1 Plimit (dBm)	19.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant6 Plimit (dBm)	21.0	SISO Ant6 Pmax (dBm)	24.0
Ptest (dBm)	19.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	19.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.370
Reported SAR_{MIMO}	0.523	Calc.SAR	1.882

N78 UL-MIMO (Ant1+6) DSI4-Close Hotspot			
SISO Ant1 Plimit (dBm)	17.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant6 Plimit (dBm)	18.5	SISO Ant6 Pmax (dBm)	24.0
Ptest (dBm)	17.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	17.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.355
Reported SAR_{MIMO}	0.501	Calc.SAR	1.977

N78 UL-MIMO (Ant1+6) DSI3-Close Body-worn			
SISO Ant1 Plimit (dBm)	20.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant6 Plimit (dBm)	30.1	SISO Ant6 Pmax (dBm)	24.0
Ptest (dBm)	20.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	20.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.086
Reported SAR_{MIMO}	0.121	Calc.SAR	1.223

N78 UL-MIMO (Ant1+7) DSI1-Close Head			
SISO Ant1 Plimit (dBm)	19.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant7 Plimit (dBm)	14.5	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	14.5	Total uncertainty (dB)	1.0
SAR design target (W/kg)	0.87	Back off	0
Measured MIMO Ptest (dBm)	14.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.471
Reported SAR_{MIMO}	0.593	Calc.SAR	1.442

N78 UL-MIMO (Ant1+7) DSI4-Close Hotspot			
SISO Ant1 Plimit (dBm)	17.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant7 Plimit (dBm)	14.5	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	14.5	Total uncertainty (dB)	1.0
SAR design target (W/kg)	0.87	Back off	0
Measured MIMO Ptest (dBm)	14.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.572
Reported SAR_{MIMO}	0.720	Calc.SAR	1.644

N78 UL-MIMO (Ant1+7) DSI3-Close Body-worn			
SISO Ant1 Plimit (dBm)	20.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant7 Plimit (dBm)	19.5	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	19.5	Total uncertainty (dB)	1.0
SAR design target (W/kg)	0.87	Back off	0
Measured MIMO Ptest (dBm)	19.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.161
Reported SAR_{MIMO}	0.203	Calc.SAR	1.965

N78 UL-MIMO (Ant1+8) DSI1-Close Head			
SISO Ant1 Plimit (dBm)	19.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant8 Plimit (dBm)	16.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	16.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.438
Reported SAR_{MIMO}	0.619	Calc.SAR	1.654

N78 UL-MIMO (Ant1+8) DSI4-Close Hotspot			
SISO Ant1 Plimit (dBm)	17.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant8 Plimit (dBm)	16.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	16.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.484
Reported SAR_{MIMO}	0.684	Calc.SAR	1.977

N78 UL-MIMO (Ant1+8) DSI3-Close Body-worn			
SISO Ant1 Plimit (dBm)	20.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant8 Plimit (dBm)	29.7	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	20.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	20.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.066
Reported SAR_{MIMO}	0.093	Calc.SAR	1.234

N78 UL-MIMO (Ant6+7) DSI1-Close Head			
SISO Ant6 Plimit (dBm)	21.0	SISO Ant6 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	14.5	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	14.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	14.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.605
Reported SAR_{MIMO}	0.855	Calc.SAR	1.348

N78 UL-MIMO (Ant6+7) DSI4-Close Hotspot			
SISO Ant6 Plimit (dBm)	18.5	SISO Ant6 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	14.5	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	14.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	14.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.548
Reported SAR_{MIMO}	0.774	Calc.SAR	1.540

N78 UL-MIMO (Ant6+7) DSI3-Close Body-worn			
SISO Ant6 Plimit (dBm)	30.1	SISO Ant6 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	19.5	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	19.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	19.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.172
Reported SAR_{MIMO}	0.243	Calc.SAR	1.198

N78 UL-MIMO (Ant6+8) DSI1-Close Head			
SISO Ant6 Plimit (dBm)	21.0	SISO Ant6 Pmax (dBm)	24.0
SISO Ant8 Plimit (dBm)	16.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	16.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.293
Reported SAR_{MIMO}	0.414	Calc.SAR	1.493

N78 UL-MIMO (Ant6+8) DSI4-Close Hotspot			
SISO Ant6 Plimit (dBm)	18.5	SISO Ant6 Pmax (dBm)	24.0
SISO Ant8 Plimit (dBm)	16.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	16.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	16.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.613
Reported SAR_{MIMO}	0.866	Calc.SAR	1.797

N78 UL-MIMO (Ant6+8) DSI3-Close Body-worn			
SISO Ant6 Plimit (dBm)	30.1	SISO Ant6 Pmax (dBm)	24.0
SISO Ant8 Plimit (dBm)	29.7	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	23.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	23.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.115
Reported SAR_{MIMO}	0.162	Calc.SAR	0.505

N78 UL-MIMO (Ant7+8) DSI1-Close Head			
SISO Ant7 Plimit (dBm)	14.5	SISO Ant7 Pmax (dBm)	25.0
SISO Ant8 Plimit (dBm)	16.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	14.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	14.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.487
Reported SAR_{MIMO}	0.688	Calc.SAR	1.797

N78 UL-MIMO (Ant7+8) DSI4-Close Hotspot			
SISO Ant7 Plimit (dBm)	14.5	SISO Ant7 Pmax (dBm)	25.0
SISO Ant8 Plimit (dBm)	16.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	14.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	14.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.544
Reported SAR_{MIMO}	0.768	Calc.SAR	1.797

N78 UL-MIMO (Ant7+8) DSI3-Close Body-worn			
SISO Ant7 Plimit (dBm)	19.5	SISO Ant7 Pmax (dBm)	25.0
SISO Ant8 Plimit (dBm)	29.7	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	19.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	19.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.169
Reported SAR_{MIMO}	0.239	Calc.SAR	1.207

N78 UL-MIMO (Ant1+6) DSI5-Open Head			
SISO Ant1 Plimit (dBm)	19.0	SISO Ant1 Pmax (dBm)	25.5
SISO Ant6 Plimit (dBm)	19.0	SISO Ant6 Pmax (dBm)	24.0
Ptest (dBm)	19.0	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	19.00	Measured MIMO SAR at meas. Ptest (W/kg)	0.607
Reported SAR_{MIMO}	0.857	Calc.SAR	2.204

N78 UL-MIMO (Ant1+6) DSI8-Open Hotspot			
SISO Ant1 Plimit (dBm)	18.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant6 Plimit (dBm)	19.0	SISO Ant6 Pmax (dBm)	24.0
Ptest (dBm)	18.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	18.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.295
Reported SAR_{MIMO}	0.417	Calc.SAR	2.084

N78 UL-MIMO (Ant1+6) DSI7-Open Body-worn			
SISO Ant1 Plimit (dBm)	18.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant6 Plimit (dBm)	29.9	SISO Ant6 Pmax (dBm)	24.0
Ptest (dBm)	18.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	18.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.121
Reported SAR_{MIMO}	0.171	Calc.SAR	1.182

N78 UL-MIMO (Ant1+7) DSI5-Open Head			
SISO Ant1 Plimit (dBm)	19.0	SISO Ant1 Pmax (dBm)	25.5
SISO Ant7 Plimit (dBm)	15.5	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	15.5	Total uncertainty (dB)	1.0
SAR design target (W/kg)	0.87	Back off	0
Measured MIMO Ptest (dBm)	15.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.707
Reported SAR_{MIMO}	0.890	Calc.SAR	1.585

N78 UL-MIMO (Ant1+7) DSI8-Open Hotspot			
SISO Ant1 Plimit (dBm)	18.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant7 Plimit (dBm)	15.5	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	15.5	Total uncertainty (dB)	1.0
SAR design target (W/kg)	0.87	Back off	0
Measured MIMO Ptest (dBm)	15.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.437
Reported SAR_{MIMO}	0.550	Calc.SAR	1.644

N78 UL-MIMO (Ant1+7) DSI7-Open Body-worn			
SISO Ant1 Plimit (dBm)	18.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant7 Plimit (dBm)	18.5	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	18.5	Total uncertainty (dB)	1.0
SAR design target (W/kg)	0.87	Back off	0
Measured MIMO Ptest (dBm)	18.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.158
Reported SAR_{MIMO}	0.199	Calc.SAR	2.191

N78 UL-MIMO (Ant1+8) DSI5-Open Head			
SISO Ant1 Plimit (dBm)	19.0	SISO Ant1 Pmax (dBm)	25.5
SISO Ant8 Plimit (dBm)	14.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	14.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	14.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.612
Reported SAR_{MIMO}	0.864	Calc.SAR	1.493

N78 UL-MIMO (Ant1+8) DSI8-Open Hotspot			
SISO Ant1 Plimit (dBm)	18.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant8 Plimit (dBm)	14.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	14.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	14.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.187
Reported SAR_{MIMO}	0.264	Calc.SAR	1.540

N78 UL-MIMO (Ant1+8) DSI7-Open Body-worn			
SISO Ant1 Plimit (dBm)	18.5	SISO Ant1 Pmax (dBm)	25.5
SISO Ant8 Plimit (dBm)	25.2	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	18.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	18.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.142
Reported SAR_{MIMO}	0.201	Calc.SAR	1.337

N78 UL-MIMO (Ant6+7) DSI5-Open Head			
SISO Ant6 Plimit (dBm)	19.0	SISO Ant6 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	15.5	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	15.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	15.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.709
Reported SAR_{MIMO}	1.001	Calc.SAR	1.594

N78 UL-MIMO (Ant6+7) DSI8-Open Hotspot			
SISO Ant6 Plimit (dBm)	19.0	SISO Ant6 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	15.5	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	15.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	15.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.404
Reported SAR_{MIMO}	0.571	Calc.SAR	1.594

N78 UL-MIMO (Ant6+7) DSI7-Open Body-worn			
SISO Ant6 Plimit (dBm)	29.9	SISO Ant6 Pmax (dBm)	24.0
SISO Ant7 Plimit (dBm)	18.5	SISO Ant7 Pmax (dBm)	25.0
Ptest (dBm)	18.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	18.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.148
Reported SAR_{MIMO}	0.209	Calc.SAR	1.182

N78 UL-MIMO (Ant6+8) DSI5-Open Head			
SISO Ant6 Plimit (dBm)	19.0	SISO Ant6 Pmax (dBm)	24.0
SISO Ant8 Plimit (dBm)	14.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	14.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	14.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.603
Reported SAR_{MIMO}	0.852	Calc.SAR	1.493

N78 UL-MIMO (Ant6+8) DSI8-Open Hotspot			
SISO Ant6 Plimit (dBm)	19.0	SISO Ant6 Pmax (dBm)	24.0
SISO Ant8 Plimit (dBm)	14.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	14.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	14.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.133
Reported SAR_{MIMO}	0.188	Calc.SAR	1.493

N78 UL-MIMO (Ant6+8) DSI7-Open Body-worn			
SISO Ant6 Plimit (dBm)	29.9	SISO Ant6 Pmax (dBm)	24.0
SISO Ant8 Plimit (dBm)	25.2	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	23.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	23.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.155
Reported SAR_{MIMO}	0.219	Calc.SAR	0.997

N78 UL-MIMO (Ant7+8) DSI5-Open Head			
SISO Ant7 Plimit (dBm)	15.5	SISO Ant7 Pmax (dBm)	25.0
SISO Ant8 Plimit (dBm)	14.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	14.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	14.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.772
Reported SAR_{MIMO}	1.090	Calc.SAR	1.977

N78 UL-MIMO (Ant7+8) DSI8-Open Hotspot			
SISO Ant7 Plimit (dBm)	15.5	SISO Ant7 Pmax (dBm)	25.0
SISO Ant8 Plimit (dBm)	14.5	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	14.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	14.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.434
Reported SAR_{MIMO}	0.613	Calc.SAR	1.977

N78 UL-MIMO (Ant7+8) DSI7-Open Body-worn			
SISO Ant7 Plimit (dBm)	18.5	SISO Ant7 Pmax (dBm)	25.0
SISO Ant8 Plimit (dBm)	25.2	SISO Ant8 Pmax (dBm)	23.5
Ptest (dBm)	18.5	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	18.50	Measured MIMO SAR at meas. Ptest (W/kg)	0.158
Reported SAR_{MIMO}	0.223	Calc.SAR	1.337

MIMO SAR verification results

Bluetooth (Ant9+10) DSI1-Close Head			
SISO Ant9 Plimit (dBm)	16.8	SISO Ant9 Pmax (dBm)	13.9
SISO Ant10 Plimit (dBm)	21.1	SISO Ant10 Pmax (dBm)	15.9
Ptest (dBm)	13.9	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	13.90	Measured MIMO SAR at meas. Ptest (W/kg)	0.099
Reported SAR_{MIMO}	0.140	Calc.SAR	0.779

Bluetooth (Ant9+10) DSI4-Close Hotspot			
SISO Ant9 Plimit (dBm)	19.0	SISO Ant9 Pmax (dBm)	13.9
SISO Ant10 Plimit (dBm)	19.2	SISO Ant10 Pmax (dBm)	15.9
Ptest (dBm)	13.9	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	13.90	Measured MIMO SAR at meas. Ptest (W/kg)	0.189
Reported SAR_{MIMO}	0.267	Calc.SAR	0.669

Bluetooth (Ant9+10) DSI3-Close Body-worn			
SISO Ant9 Plimit (dBm)	28.7	SISO Ant9 Pmax (dBm)	13.9
SISO Ant10 Plimit (dBm)	31.3	SISO Ant10 Pmax (dBm)	15.9
Ptest (dBm)	13.9	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	13.90	Measured MIMO SAR at meas. Ptest (W/kg)	0.001
Reported SAR_{MIMO}	0.001	Calc.SAR	0.057

Bluetooth (Ant9+10) DSI5-Open Head			
SISO Ant9 Plimit (dBm)	17.1	SISO Ant9 Pmax (dBm)	13.9
SISO Ant10 Plimit (dBm)	18.2	SISO Ant10 Pmax (dBm)	15.9
Ptest (dBm)	13.9	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	13.90	Measured MIMO SAR at meas. Ptest (W/kg)	0.132
Reported SAR_{MIMO}	0.186	Calc.SAR	0.937

Bluetooth (Ant9+10) DSI8-Open Hotspot			
SISO Ant9 Plimit (dBm)	22.5	SISO Ant9 Pmax (dBm)	13.9
SISO Ant10 Plimit (dBm)	26.2	SISO Ant10 Pmax (dBm)	15.9
Ptest (dBm)	13.9	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	13.90	Measured MIMO SAR at meas. Ptest (W/kg)	0.101
Reported SAR_{MIMO}	0.143	Calc.SAR	0.217

Bluetooth (Ant9+10) DSI7-Open Body-worn			
SISO Ant9 Plimit (dBm)	28.2	SISO Ant9 Pmax (dBm)	13.9
SISO Ant10 Plimit (dBm)	32.6	SISO Ant10 Pmax (dBm)	15.9
Ptest (dBm)	13.9	Total uncertainty (dB)	1.5
SAR design target (W/kg)	0.78	Back off	0
Measured MIMO Ptest (dBm)	13.90	Measured MIMO SAR at meas. Ptest (W/kg)	0.001
Reported SAR_{MIMO}	0.001	Calc.SAR	0.056

Head SAR Test for open																					
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
										2450MHz										
	Bluetooth					1Mbps	Left Cheek	0mm	Ant 9+10(9)	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	0.04	0.132	0.205
	Bluetooth					1Mbps	Left Cheek	0mm	Ant 9+10(10)	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	0.01	0.132	0.194
										2600MHz										
	FR1 n41-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 5+6(5)	DSI5	518598	2592.99	15.25	15.70	1.109		1.000	0.08	**0.655**	0.727
	FR1 n41-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5+6(6)	DSI5	518598	2592.99	18.28	19.70	1.387		1.000	0.01	0.472	0.655
	FR1 n41-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1+6(1)	DSI5	518598	2592.99	19.12	19.70	1.143		1.000	-0.08	0.441	0.504
	FR1 n41-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+6(6)	DSI5	518598	2592.99	18.28	19.70	1.387		1.000	-0.08	**0.485**	0.673
	FR1 n41-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1+5(1)	DSI5	518598	2592.99	19.12	19.70	1.143		1.000	-0.18	**0.611**	0.698
	FR1 n41-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Tilted	0mm	Ant 1+5(5)	DSI5	518598	2592.99	15.25	15.70	1.109		1.000	0.1	0.605	0.671
										3500MHz										
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+7(1)	DSI5	656000	3840	18.92	20.00	1.282		1.000	0.08	0.484	0.621
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1+7(7)	DSI5	656000	3840	15.16	16.00	1.213		1.000	-0.17	**0.528**	0.641
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1+7(1)	DSI5	633334	3500.01	18.55	20.00	1.396		1.000	0.14	**0.659**	0.920
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1+7(7)	DSI5	633334	3500.01	15.41	16.00	1.146		1.000	0.11	**0.659**	0.755
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+6(1)	DSI5	656000	3840	18.92	20.00	1.282		1.000	0.18	**0.542**	0.695
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+6(6)	DSI5	656000	3840	19.66	21.00	1.361		1.000	0.14	**0.542**	0.738
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1+6(1)	DSI5	633334	3500.01	18.55	20.00	1.396		1.000	0.17	0.278	0.388
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+6(6)	DSI5	633334	3500.01	19.59	21.00	1.384		1.000	-0.05	**0.314**	0.434
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+7(6)	DSI5	656000	3840	19.66	21.00	1.361		1.000	0.1	0.223	0.304
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6+7(7)	DSI5	656000	3840	15.16	16.00	1.213		1.000	-0.17	**0.408**	0.495
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+7(6)	DSI5	633334	3500.01	19.59	21.00	1.384		1.000	-0.01	0.143	0.198
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6+7(7)	DSI5	633334	3500.01	15.41	16.00	1.146		1.000	-0.08	**0.603**	0.691
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+8(6)	DSI5	656000	3840	19.66	21.00	1.361		1.000	0.06	0.400	0.545
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 6+8(8)	DSI5	656000	3840	14.51	16.00	1.409		1.000	-0.09	**0.486**	0.685
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+8(6)	DSI5	633334	3500.01	19.59	21.00	1.384		1.000	0.13	0.220	0.304
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 6+8(8)	DSI5	633334	3500.01	14.37	16.00	1.455		1.000	0.12	**0.273**	0.397
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+8(1)	DSI5	656000	3840	18.92	20.00	1.282		1.000	0.18	0.437	0.560
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1+8(8)	DSI5	656000	3840	14.51	16.00	1.409		1.000	0.16	**0.494**	0.696
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1+8(1)	DSI5	633334	3500.01	18.55	20.00	1.396		1.000	0.07	**0.320**	0.447
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1+8(8)	DSI5	633334	3500.01	14.37	16.00	1.455		1.000	0.18	0.290	0.422
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7+8(7)	DSI5	656000	3840	15.16	16.00	1.213		1.000	0.01	0.458	0.556
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 7+8(8)	DSI5	656000	3840	14.51	16.00	1.409		1.000	-0.15	**0.505**	0.712
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7+8(7)	DSI5	633334	3500.01	15.41	16.00	1.146		1.000	0.07	**0.688**	0.788
	FR1 n77-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 7+8(8)	DSI5	633334	3500.01	14.37	16.00	1.455		1.000	-0.18	0.484	0.704
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1+7(1)	DSI5	650000	3750	19.11	20.00	1.227		1.000	-0.15	**0.554**	0.680
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1+7(7)	DSI5	650000	3750	15.74	16.50	1.191		1.000	-0.15	**0.554**	0.660
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+7(1)	DSI5	633334	3500.01	19.35	20.00	1.161		1.000	-0.08	0.346	0.402
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1+7(7)	DSI5	633334	3500.01	15.81	16.50	1.172		1.000	-0.17	**0.707**	0.829
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1+6(1)	DSI5	650000	3750	19.11	20.00	1.227		1.000	-0.04	0.474	0.582
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+6(6)	DSI5	650000	3750	19.29	20.50	1.321		1.000	-0.08	**0.607**	0.802
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+6(1)	DSI5	633334	3500.01	19.35	20.00	1.161		1.000	0.18	**0.304**	0.353
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+6(6)	DSI5	633334	3500.01	19.23	20.50	1.340		1.000	-0.04	**0.304**	0.407
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+7(6)	DSI5	650000	3750	19.29	20.50	1.321		1.000	-0.13	0.294	0.388
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6+7(7)	DSI5	650000	3750	15.74	16.50	1.191		1.000	-0.13	**0.482**	0.574
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+7(6)	DSI5	633334	3500.01	19.23	20.50	1.340		1.000	-0.03	0.148	0.198
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6+7(7)	DSI5	633334	3500.01	15.81	16.50	1.172		1.000	-0.03	**0.709**	0.831
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+8(6)	DSI5	650000	3750	19.29	20.50	1.321		1.000	-0.07	0.524	0.692
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 6+8(8)	DSI5	650000	3750	14.41	16.00	1.442		1.000	0.05	**0.603**	0.870
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+8(6)	DSI5	633334	3500.01	19.23	20.50	1.340		1.000	-0.12	0.246	0.330
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 6+8(8)	DSI5	633334	3500.01	14.42	16.00	1.439		1.000	0.03	**0.289**	0.416
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1+8(1)	DSI5	650000	3750	19.11	20.00	1.227		1.000	-0.02	0.391	0.480
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1+8(8)	DSI5	650000	3750	14.41	16.00	1.442		1.000	0.15	**0.612**	0.883
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+8(1)	DSI5	633334	3500.01	19.35	20.00	1.161		1.000	0.11	**0.291**	0.338
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1+8(8)	DSI5	633334	3500.01	14.42	16.00	1.439		1.000	-0.05	0.260	0.374
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7+8(7)	DSI5	650000	3750	15.74	16.50	1.191		1.000	0.16	0.512	0.610
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 7+8(8)	DSI5	650000	3750	14.41	16.00	1.442		1.000	0.05	**0.514**	0.741
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7+8(7)	DSI5	633334	3500.01	15.81	16.50	1.172		1.000	-0.03	**0.772**	0.905
	FR1 n78-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Tilted	0mm	Ant 7+8(8)	DSI5	633334	3500.01	14.42	16.00	1.439		1.000	-0.15	0.525	0.755

Head SAR Test for close																				
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
										2450MHz										
	Bluetooth					1Mbps	Right Cheek	0mm	Ant 9+10(9)	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	0.01	0.099	0.153
	Bluetooth					1Mbps	Right Cheek	0mm	Ant 9+10(10)	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	0.06	0.099	0.146
										2600MHz										
	FR1 n41-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5+6(5)	DSI1	518598	2592.99	15.71	16.20	1.119		1.000	0.02	0.580	0.649
	FR1 n41-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5+6(6)	DSI1	518598	2592.99	20.27	21.70	1.390		1.000	0.07	0.580	0.806
	FR1 n41-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+6(1)	DSI1	518598	2592.99	20.59	21.20	1.151		1.000	0.13	0.548	0.631
	FR1 n41-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+6(6)	DSI1	518598	2592.99	20.27	21.70	1.390		1.000	-0.18	0.548	0.762
	FR1 n41-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+5(1)	DSI1	518598	2592.99	20.59	21.20	1.151		1.000	0.16	0.596	0.686
	FR1 n41-UL_MIMO	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+5(5)	DSI1	518598	2592.99	15.71	16.20	1.119		1.000	-0.03	0.596	0.667
										3500MHz										
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+7(1)	DSI1	656000	3840	19.41	20.50	1.285		1.000	0	0.570	0.733
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+7(7)	DSI1	656000	3840	15.16	16.00	1.213		1.000	0.01	0.570	0.692
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+7(1)	DSI1	633334	3500.01	19.03	20.50	1.403		1.000	-0.06	0.549	0.770
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+7(7)	DSI1	633334	3500.01	15.41	16.00	1.146		1.000	-0.04	0.549	0.629
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+6(1)	DSI1	656000	3840	19.41	20.50	1.285		1.000	-0.17	0.286	0.368
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+6(6)	DSI1	656000	3840	20.66	22.00	1.361		1.000	-0.1	0.286	0.389
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+6(1)	DSI1	633334	3500.01	19.03	20.50	1.403		1.000	-0.17	0.315	0.442
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+6(6)	DSI1	633334	3500.01	20.58	22.00	1.387		1.000	-0.04	0.315	0.437
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+7(6)	DSI1	656000	3840	20.66	22.00	1.361		1.000	0	0.502	0.683
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+7(7)	DSI1	656000	3840	15.16	16.00	1.213		1.000	-0.13	0.502	0.609
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+7(6)	DSI1	633334	3500.01	20.58	22.00	1.387		1.000	-0.09	0.597	0.828
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+7(7)	DSI1	633334	3500.01	15.41	16.00	1.146		1.000	0.05	0.597	0.684
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+8(6)	DSI1	656000	3840	20.66	22.00	1.361		1.000	-0.13	0.235	0.320
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6+8(8)	DSI1	656000	3840	16.49	18.00	1.416		1.000	0.17	0.315	0.446
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+8(6)	DSI1	633334	3500.01	20.58	22.00	1.387		1.000	0	0.171	0.237
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6+8(8)	DSI1	633334	3500.01	16.34	18.00	1.466		1.000	-0.04	0.147	0.215
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+8(1)	DSI1	656000	3840	19.41	20.50	1.285		1.000	0.11	0.211	0.271
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1+8(8)	DSI1	656000	3840	16.49	18.00	1.416		1.000	-0.02	0.289	0.409
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+8(1)	DSI1	633334	3500.01	19.03	20.50	1.403		1.000	0.04	0.347	0.487
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1+8(8)	DSI1	633334	3500.01	16.34	18.00	1.466		1.000	0.13	0.389	0.570
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7+8(7)	DSI1	656000	3840	15.16	16.00	1.213		1.000	-0.11	0.592	0.718
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7+8(8)	DSI1	656000	3840	16.49	18.00	1.416		1.000	-0.16	0.374	0.530
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7+8(7)	DSI1	633334	3500.01	15.41	16.00	1.146		1.000	-0.06	0.567	0.650
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7+8(8)	DSI1	633334	3500.01	16.34	18.00	1.466		1.000	-0.14	0.185	0.271
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+7(1)	DSI1	650000	3750	19.61	20.50	1.227		1.000	0.01	0.471	0.578
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+7(7)	DSI1	650000	3750	14.75	15.50	1.189		1.000	0.06	0.471	0.560
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+7(1)	DSI1	633334	3500.01	19.82	20.50	1.169		1.000	0.12	0.470	0.550
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+7(7)	DSI1	633334	3500.01	14.77	15.50	1.183		1.000	-0.16	0.470	0.556
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+6(1)	DSI1	650000	3750	19.61	20.50	1.227		1.000	0.07	0.370	0.454
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+6(6)	DSI1	650000	3750	21.08	22.50	1.387		1.000	-0.02	0.370	0.513
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+6(1)	DSI1	633334	3500.01	19.82	20.50	1.169		1.000	-0.13	0.369	0.432
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+6(6)	DSI1	633334	3500.01	21.18	22.50	1.355		1.000	0.08	0.369	0.500
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+7(6)	DSI1	650000	3750	21.08	22.50	1.387		1.000	0.01	0.530	0.735
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+7(7)	DSI1	650000	3750	14.75	15.50	1.189		1.000	-0.16	0.530	0.630
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+7(6)	DSI1	633334	3500.01	21.18	22.50	1.355		1.000	-0.04	0.605	0.820
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+7(7)	DSI1	633334	3500.01	14.77	15.50	1.183		1.000	-0.01	0.605	0.716
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+8(6)	DSI1	650000	3750	21.08	22.50	1.387		1.000	-0.11	0.293	0.406
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6+8(8)	DSI1	650000	3750	16.42	18.00	1.439		1.000	-0.06	0.279	0.401
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6+8(6)	DSI1	633334	3500.01	21.18	22.50	1.355		1.000	0.03	0.155	0.210
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 6+8(8)	DSI1	633334	3500.01	16.39	18.00	1.449		1.000	-0.13	0.193	0.280
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+8(1)	DSI1	650000	3750	19.61	20.50	1.227		1.000	-0.15	0.387	0.475
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1+8(8)	DSI1	650000	3750	16.42	18.00	1.439		1.000	-0.02	0.347	0.499
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1+8(1)	DSI1	633334	3500.01	19.82	20.50	1.169		1.000	0.14	0.438	0.512
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1+8(8)	DSI1	633334	3500.01	16.39	18.00	1.449		1.000	0.1	0.275	0.398
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7+8(7)	DSI1	650000	3750	14.75	15.50	1.189		1.000	0.07	0.432	0.513
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7+8(8)	DSI1	650000	3750	16.42	18.00	1.439		1.000	-0.09	0.251	0.361
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7+8(7)	DSI1	633334	3500.01	14.77	15.50	1.183		1.000	-0.18	0.487	0.576
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7+8(8)	DSI1	633334	3500.01	16.39	18.00	1.449		1.000	-0.07	0.218	0.316

hotspot SAR Test for open																					
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
										2450MHz										
	Bluetooth					1Mbps	Top Side	10mm	Ant 9+10(9)	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	0.05	**0.001**	0.002
	Bluetooth					1Mbps	Right Side	10mm	Ant 9+10(10)	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	0.01	**0.101**	0.149
										2600MHz										
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 5+6(5)	DSI8	518598	2592.99	15.25	15.70	1.109		1.000	0.11	**0.304**	0.337
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 5+6(6)	DSI8	518598	2592.99	18.28	19.70	1.387		1.000	-0.08	**0.153**	0.212
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 1+6(1)	DSI8	518598	2592.99	19.12	19.70	1.143		1.000	-0.01	**0.409**	0.467
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 1+6(6)	DSI8	518598	2592.99	18.28	19.70	1.387		1.000	-0.09	**0.081**	0.112
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 1+5(1)	DSI8	518598	2592.99	19.12	19.70	1.143		1.000	-0.17	**0.216**	0.247
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 1+5(5)	DSI8	518598	2592.99	15.25	15.70	1.109		1.000	-0.01	**0.294**	0.326
										3500MHz										
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1+7(1)	DSI8	656000	3840	18.92	20.00	1.282		1.000	0.14	**0.581**	0.745
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1+7(7)	DSI8	656000	3840	15.16	16.00	1.213		1.000	0.03	**0.581**	0.705
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1+7(1)	DSI8	633334	3500.01	18.55	20.00	1.396		1.000	0.16	**0.631**	0.881
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1+7(7)	DSI8	633334	3500.01	15.41	16.00	1.146		1.000	-0.06	**0.631**	0.723
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1+6(1)	DSI8	656000	3840	18.92	20.00	1.282		1.000	-0.16	**0.113**	0.145
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 1+6(6)	DSI8	656000	3840	18.70	20.00	1.349		1.000	0.05	**0.000**	0.000
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1+6(1)	DSI8	633334	3500.01	18.55	20.00	1.396		1.000	0.17	**0.350**	0.489
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 1+6(6)	DSI8	633334	3500.01	18.62	20.00	1.374		1.000	-0.15	0.029	0.040
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6+7(6)	DSI8	656000	3840	18.70	20.00	1.349		1.000	0.05	**0.000**	0.000
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 6+7(7)	DSI8	656000	3840	15.16	16.00	1.213		1.000	-0.06	**0.614**	0.745
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6+7(6)	DSI8	633334	3500.01	18.62	20.00	1.374		1.000	-0.01	0.000	0.000
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 6+7(7)	DSI8	633334	3500.01	15.41	16.00	1.146		1.000	-0.11	**0.648**	0.742
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6+8(6)	DSI8	656000	3840	18.70	20.00	1.349		1.000	-0.14	**0.054**	0.073
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 6+8(8)	DSI8	656000	3840	14.51	16.00	1.409		1.000	-0.18	**0.122**	0.172
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6+8(6)	DSI8	633334	3500.01	18.62	20.00	1.374		1.000	0.02	**0.030**	0.041
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 6+8(8)	DSI8	633334	3500.01	14.37	16.00	1.455		1.000	0.16	**0.109**	0.159
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1+8(1)	DSI8	656000	3840	18.92	20.00	1.282		1.000	-0.04	**0.000**	0.000
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 1+8(8)	DSI8	656000	3840	14.51	16.00	1.409		1.000	0.13	**0.146**	0.206
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1+8(1)	DSI8	633334	3500.01	18.55	20.00	1.396		1.000	0.07	**0.000**	0.000
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 1+8(8)	DSI8	633334	3500.01	14.37	16.00	1.455		1.000	0.08	**0.112**	0.163
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7+8(7)	DSI8	656000	3840	15.16	16.00	1.213		1.000	-0.06	**0.414**	0.502
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 7+8(8)	DSI8	656000	3840	14.51	16.00	1.409		1.000	0	**0.129**	0.182
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7+8(7)	DSI8	633334	3500.01	15.41	16.00	1.146		1.000	0.07	**0.428**	0.490
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 7+8(8)	DSI8	633334	3500.01	14.37	16.00	1.455		1.000	-0.12	**0.249**	0.362
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1+7(1)	DSI8	650000	3750	18.62	19.50	1.225		1.000	0.02	**0.366**	0.448
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1+7(7)	DSI8	650000	3750	15.74	16.50	1.191		1.000	0.12	**0.366**	0.436
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1+7(1)	DSI8	633334	3500.01	18.80	19.50	1.175		1.000	-0.03	**0.437**	0.513
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1+7(7)	DSI8	633334	3500.01	15.81	16.50	1.172		1.000	0	**0.437**	0.512
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1+6(1)	DSI8	650000	3750	18.62	19.50	1.225		1.000	0.05	**0.183**	0.224
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 1+6(6)	DSI8	650000	3750	19.09	20.50	1.384		1.000	0	**0.047**	0.065
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1+6(1)	DSI8	633334	3500.01	18.80	19.50	1.175		1.000	0.15	**0.295**	0.347
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 1+6(6)	DSI8	633334	3500.01	19.23	20.50	1.340		1.000	-0.05	**0.051**	0.068
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6+7(6)	DSI8	650000	3750	19.09	20.50	1.384		1.000	-0.08	**0.000**	0.000
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 6+7(7)	DSI8	650000	3750	15.74	16.50	1.191		1.000	-0.13	**0.404**	0.481
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6+7(6)	DSI8	633334	3500.01	19.23	20.50	1.340		1.000	-0.11	**0.000**	0.000
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 6+7(7)	DSI8	633334	3500.01	15.81	16.50	1.172		1.000	0.03	**0.399**	0.468
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6+8(6)	DSI8	650000	3750	19.09	20.50	1.384		1.000	0.14	**0.045**	0.062
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 6+8(8)	DSI8	650000	3750	14.41	16.00	1.442		1.000	-0.01	**0.133**	0.192
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6+8(6)	DSI8	633334	3500.01	19.23	20.50	1.340		1.000	0.07	**0.000**	0.000
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 6+8(8)	DSI8	633334	3500.01	14.42	16.00	1.439		1.000	0.09	**0.100**	0.144
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1+8(1)	DSI8	650000	3750	18.62	19.50	1.225		1.000	0.11	**0.000**	0.000
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 1+8(8)	DSI8	650000	3750	14.41	16.00	1.442		1.000	-0.13	**0.130**	0.187
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 1+8(1)	DSI8	633334	3500.01	18.80	19.50	1.175		1.000	-0.11	**0.000**	0.000
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 1+8(8)	DSI8	633334	3500.01	14.42	16.00	1.439		1.000	0.17	**0.092**	0.132
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7+8(7)	DSI8	650000	3750	15.74	16.50	1.191		1.000	-0.17	**0.434**	0.517
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 7+8(8)	DSI8	650000	3750	14.41	16.00	1.442		1.000	0.11	**0.123**	0.177
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7+8(7)	DSI8	633334	3500.01	15.81	16.50	1.172		1.000	-0.01	**0.402**	0.471
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 7+8(8)	DSI8	633334	3500.01	14.42	16.00	1.439		1.000	-0.14	**0.199**	0.286

Hotspot SAR Test for close																					
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
										2450MHz										
	Bluetooth					1Mbps	Top Side	5mm	Ant 9	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	0.07	0.001	0.002
	Bluetooth					1Mbps	Left Side	5mm	Ant 10	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	-0.01	**0.189**	0.278
										2600MHz										
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 5+6(5)	DSI4	518598	2592.99	15.71	16.20	1.119		1.000	-0.15	**0.497**	0.556
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 5+6(6)	DSI4	518598	2592.99	17.43	18.70	1.340		1.000	-0.12	0.363	0.486
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1+6(1)	DSI4	518598	2592.99	20.59	21.20	1.151		1.000	0.08	**0.325**	0.374
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 1+6(6)	DSI4	518598	2592.99	17.43	18.70	1.340		1.000	0.01	0.141	0.189
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1+5(1)	DSI4	518598	2592.99	20.59	21.20	1.151		1.000	-0.11	0.176	0.203
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 1+5(5)	DSI4	518598	2592.99	15.71	16.20	1.119		1.000	-0.01	**0.491**	0.550
										3500MHz										
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1+7(1)	DSI4	656000	3840	17.45	18.50	1.274		1.000	0.1	**0.704**	0.897
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1+7(7)	DSI4	656000	3840	15.16	16.00	1.213		1.000	-0.04	**0.704**	0.854
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1+7(1)	DSI4	633334	3500.01	17.03	18.50	1.403		1.000	0.09	**0.609**	0.854
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1+7(7)	DSI4	633334	3500.01	15.41	16.00	1.146		1.000	-0.16	**0.609**	0.698
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1+6(1)	DSI4	656000	3840	17.45	18.50	1.274		1.000	0.08	**0.141**	0.180
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 1+6(6)	DSI4	656000	3840	18.16	19.50	1.361		1.000	-0.18	0.043	0.059
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1+6(1)	DSI4	633334	3500.01	17.03	18.50	1.403		1.000	-0.04	**0.325**	0.456
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 1+6(6)	DSI4	633334	3500.01	18.16	19.50	1.361		1.000	-0.09	0.031	0.042
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 6+7(6)	DSI4	656000	3840	18.16	19.50	1.361		1.000	0.11	0.122	0.166
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 6+7(7)	DSI4	656000	3840	15.16	16.00	1.213		1.000	0.07	**0.651**	0.790
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 6+7(6)	DSI4	633334	3500.01	18.16	19.50	1.361		1.000	0.09	0.032	0.044
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 6+7(7)	DSI4	633334	3500.01	15.41	16.00	1.146		1.000	-0.08	**0.619**	0.709
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 6+8(6)	DSI4	656000	3840	18.16	19.50	1.361		1.000	-0.03	0.099	0.135
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 6+8(8)	DSI4	656000	3840	16.49	18.00	1.416		1.000	0.17	**0.529**	0.749
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 6+8(6)	DSI4	633334	3500.01	18.16	19.50	1.361		1.000	0.06	0.066	0.090
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 6+8(8)	DSI4	633334	3500.01	16.34	18.00	1.466		1.000	-0.06	**0.432**	0.633
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1+8(1)	DSI4	656000	3840	17.45	18.50	1.274		1.000	-0.12	0.000	0.000
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 1+8(8)	DSI4	656000	3840	16.49	18.00	1.416		1.000	-0.16	**0.336**	0.476
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1+8(1)	DSI4	633334	3500.01	17.03	18.50	1.403		1.000	0.17	0.031	0.043
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 1+8(8)	DSI4	633334	3500.01	16.34	18.00	1.466		1.000	0.02	**0.296**	0.434
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 7+8(7)	DSI4	656000	3840	15.16	16.00	1.213		1.000	0.18	**0.698**	0.847
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 7+8(8)	DSI4	656000	3840	16.49	18.00	1.416		1.000	-0.11	0.284	0.402
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 7+8(7)	DSI4	633334	3500.01	15.41	16.00	1.146		1.000	-0.04	**0.601**	0.688
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 7+8(8)	DSI4	633334	3500.01	16.34	18.00	1.466		1.000	-0.08	0.361	0.529
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1+7(1)	DSI4	650000	3750	17.69	18.50	1.205		1.000	-0.14	**0.541**	0.652
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1+7(7)	DSI4	650000	3750	14.75	15.50	1.189		1.000	0.01	**0.541**	0.643
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1+7(1)	DSI4	633334	3500.01	17.86	18.50	1.159		1.000	0.02	**0.572**	0.663
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1+7(7)	DSI4	633334	3500.01	14.77	15.50	1.183		1.000	0.16	**0.572**	0.677
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1+6(1)	DSI4	650000	3750	17.69	18.50	1.205		1.000	-0.02	**0.355**	0.428
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 1+6(6)	DSI4	650000	3750	18.56	20.00	1.393		1.000	0.07	0.060	0.084
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1+6(1)	DSI4	633334	3500.01	17.86	18.50	1.159		1.000	0.1	**0.308**	0.357
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 1+6(6)	DSI4	633334	3500.01	18.55	20.00	1.396		1.000	0.08	0.029	0.040
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 6+7(6)	DSI4	650000	3750	18.56	20.00	1.393		1.000	-0.13	0.069	0.096
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 6+7(7)	DSI4	650000	3750	14.75	15.50	1.189		1.000	-0.1	**0.532**	0.632
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 6+7(6)	DSI4	633334	3500.01	18.55	20.00	1.396		1.000	0.11	0.000	0.000
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 6+7(7)	DSI4	633334	3500.01	14.77	15.50	1.183		1.000	-0.17	**0.548**	0.648
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 6+8(6)	DSI4	650000	3750	18.56	20.00	1.393		1.000	0.1	0.121	0.169
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 6+8(8)	DSI4	650000	3750	16.42	18.00	1.439		1.000	0.11	**0.613**	0.882
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 6+8(6)	DSI4	633334	3500.01	18.55	20.00	1.396		1.000	0.18	0.064	0.089
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 6+8(8)	DSI4	633334	3500.01	16.39	18.00	1.449		1.000	0.12	**0.411**	0.595
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1+8(1)	DSI4	650000	3750	17.69	18.50	1.205		1.000	0.15	0.000	0.000
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 1+8(8)	DSI4	650000	3750	16.42	18.00	1.439		1.000	0.14	**0.484**	0.696
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 1+8(1)	DSI4	633334	3500.01	17.86	18.50	1.159		1.000	-0.14	0.035	0.041
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 1+8(8)	DSI4	633334	3500.01	16.39	18.00	1.449		1.000	0.17	**0.321**	0.465
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 7+8(7)	DSI4	650000	3750	14.75	15.50	1.189		1.000	0.07	**0.539**	0.641
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 7+8(8)	DSI4	650000	3750	16.42	18.00	1.439		1.000	-0.04	0.356	0.512
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 7+8(7)	DSI4	633334	3500.01	14.77	15.50	1.183		1.000	-0.13	**0.544**	0.644
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 7+8(8)	DSI4	633334	3500.01	16.39	18.00	1.449		1.000	-0.13	0.297	0.430

SPORTON LAB.

Body-worn SAR Test for open																				
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
										2450MHz										
	Bluetooth					1Mbps	Front	15mm	Ant 9+10(9)	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	0.06	0.001	0.002
	Bluetooth					1Mbps	Front	15mm	Ant 9+10(10	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	0.01	0.001	0.001
										2600MHz										
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 5+6(5)	DSI7	518598	2592.99	25.18	25.70	1.127		1.000	0.08	0.816	0.920
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 5+6(6)	DSI7	518598	2592.99	24.25	25.70	1.396		1.000	0.01	0.801	1.118
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+6(1)	DSI7	518598	2592.99	21.46	22.20	1.186		1.000	-0.08	0.206	0.244
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+6(6)	DSI7	518598	2592.99	24.25	25.70	1.396		1.000	-0.08	0.206	0.288
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+5(1)	DSI7	518598	2592.99	21.46	22.20	1.186		1.000	-0.18	0.244	0.289
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1+5(5)	DSI7	518598	2592.99	25.18	25.70	1.127		1.000	0.1	0.234	0.264
										3500MHz										
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1+7(1)	DSI7	656000	3840	19.89	21.00	1.291		1.000	0.08	0.196	0.253
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1+7(7)	DSI7	656000	3840	18.19	19.00	1.205		1.000	-0.17	0.196	0.236
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1+7(1)	DSI7	633334	3500.01	19.49	21.00	1.416		1.000	0.14	0.151	0.214
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1+7(7)	DSI7	633334	3500.01	18.35	19.00	1.161		1.000	0.11	0.151	0.175
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1+6(1)	DSI7	656000	3840	19.89	21.00	1.291		1.000	0.18	0.044	0.057
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+6(6)	DSI7	656000	3840	24.07	25.50	1.390		1.000	0.14	0.000	0.000
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1+6(1)	DSI7	633334	3500.01	19.49	21.00	1.416		1.000	0.17	0.161	0.228
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+6(6)	DSI7	633334	3500.01	24.02	25.50	1.406		1.000	-0.05	0.135	0.190
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+7(6)	DSI7	656000	3840	24.07	25.50	1.390		1.000	0.1	0.204	0.284
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6+7(7)	DSI7	656000	3840	18.19	19.00	1.205		1.000	-0.17	0.218	0.263
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+7(6)	DSI7	633334	3500.01	24.02	25.50	1.406		1.000	-0.01	0.123	0.173
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6+7(7)	DSI7	633334	3500.01	18.35	19.00	1.161		1.000	-0.08	0.117	0.136
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+8(6)	DSI7	656000	3840	24.07	25.50	1.390		1.000	0.06	0.174	0.242
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+8(8)	DSI7	656000	3840	23.42	25.00	1.439		1.000	-0.09	0.174	0.250
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+8(6)	DSI7	633334	3500.01	24.02	25.50	1.406		1.000	0.13	0.159	0.224
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+8(8)	DSI7	633334	3500.01	23.28	25.00	1.486		1.000	0.12	0.159	0.236
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1+8(1)	DSI7	656000	3840	19.89	21.00	1.291		1.000	0.18	0.107	0.138
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+8(8)	DSI7	656000	3840	23.42	25.00	1.439		1.000	0.16	0.113	0.163
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1+8(1)	DSI7	633334	3500.01	19.49	21.00	1.416		1.000	0.07	0.067	0.095
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+8(8)	DSI7	633334	3500.01	23.28	25.00	1.486		1.000	0.18	0.074	0.110
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7+8(7)	DSI7	656000	3840	18.19	19.00	1.205		1.000	0.01	0.206	0.248
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7+8(8)	DSI7	656000	3840	23.42	25.00	1.439		1.000	-0.15	0.187	0.269
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7+8(7)	DSI7	633334	3500.01	18.35	19.00	1.161		1.000	0.07	0.132	0.153
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7+8(8)	DSI7	633334	3500.01	23.28	25.00	1.486		1.000	-0.18	0.152	0.226
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1+7(1)	DSI7	650000	3750	18.58	19.50	1.236		1.000	-0.15	0.158	0.195
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1+7(7)	DSI7	650000	3750	18.95	19.50	1.135		1.000	-0.15	0.158	0.179
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1+7(1)	DSI7	633334	3500.01	18.98	19.50	1.127		1.000	-0.08	0.107	0.121
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1+7(7)	DSI7	633334	3500.01	18.85	19.50	1.161		1.000	-0.17	0.117	0.136
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1+6(1)	DSI7	650000	3750	18.58	19.50	1.236		1.000	-0.04	0.111	0.137
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+6(6)	DSI7	650000	3750	24.07	25.50	1.390		1.000	-0.08	0.120	0.167
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1+6(1)	DSI7	633334	3500.01	18.98	19.50	1.127		1.000	0.18	0.118	0.133
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+6(6)	DSI7	633334	3500.01	24.07	25.50	1.390		1.000	-0.04	0.121	0.168
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+7(6)	DSI7	650000	3750	24.07	25.50	1.390		1.000	-0.13	0.098	0.136
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6+7(7)	DSI7	650000	3750	18.95	19.50	1.135		1.000	-0.13	0.148	0.168
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+7(6)	DSI7	633334	3500.01	24.07	25.50	1.390		1.000	-0.03	0.109	0.152
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6+7(7)	DSI7	633334	3500.01	18.85	19.50	1.161		1.000	-0.03	0.085	0.099
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+8(6)	DSI7	650000	3750	24.07	25.50	1.390		1.000	-0.07	0.155	0.215
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+8(8)	DSI7	650000	3750	23.37	25.00	1.455		1.000	0.05	0.155	0.226
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+8(6)	DSI7	633334	3500.01	24.07	25.50	1.390		1.000	-0.12	0.152	0.211
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+8(8)	DSI7	633334	3500.01	23.31	25.00	1.476		1.000	0.03	0.152	0.224
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1+8(1)	DSI7	650000	3750	18.58	19.50	1.236		1.000	-0.02	0.084	0.104
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+8(8)	DSI7	650000	3750	23.37	25.00	1.455		1.000	0.15	0.142	0.207
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 1+8(1)	DSI7	633334	3500.01	18.98	19.50	1.127		1.000	0.11	0.062	0.070
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+8(8)	DSI7	633334	3500.01	23.31	25.00	1.476		1.000	-0.05	0.064	0.094
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7+8(7)	DSI7	650000	3750	18.95	19.50	1.135		1.000	0.16	0.182	0.207
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7+8(8)	DSI7	650000	3750	23.37	25.00	1.455		1.000	0.05	0.158	0.230
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7+8(7)	DSI7	633334	3500.01	18.85	19.50	1.161		1.000	-0.03	0.120	0.139
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7+8(8)	DSI7	633334	3500.01	23.31	25.00	1.476		1.000	-0.15	0.128	0.189

Body-worn SAR Test for close																					
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
										2450MHz										
	Bluetooth					1Mbps	Front	15mm	Ant 9+10(9)	Full power	78	2480	15.44	17.00	1.432	76.9	1.083	0.04	0.001	0.002
	Bluetooth					1Mbps	Front	15mm	Ant 9+10(10)	Full power	78	2480	17.67	19.00	1.358	76.9	1.083	-0.01	0.001	0.001
										2600MHz										
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 5+6(5)	DSI3	518598	2592.99	25.18	25.70	1.127		1.000	0.02	0.521	0.587
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 5+6(6)	DSI3	518598	2592.99	24.25	25.70	1.396		1.000	0.07	0.521	0.728
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+6(1)	DSI3	518598	2592.99	21.46	22.20	1.186		1.000	0.13	0.106	0.126
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+6(6)	DSI3	518598	2592.99	24.25	25.70	1.396		1.000	-0.18	0.106	0.148
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+5(1)	DSI3	518598	2592.99	21.46	22.20	1.186		1.000	0.16	0.185	0.219
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+5(5)	DSI3	518598	2592.99	25.18	25.70	1.127		1.000	-0.03	0.185	0.209
										3500MHz										
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+7(1)	DSI3	656000	3840	20.92	22.00	1.282		1.000	0	0.157	0.201
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+7(7)	DSI3	656000	3840	19.35	20.00	1.161		1.000	0.01	0.157	0.182
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+7(1)	DSI3	633334	3500.01	20.50	22.00	1.413		1.000	-0.06	0.101	0.143
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+7(7)	DSI3	633334	3500.01	19.42	20.00	1.143		1.000	-0.04	0.101	0.115
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+6(1)	DSI3	656000	3840	20.92	22.00	1.282		1.000	-0.17	0.044	0.056
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+6(6)	DSI3	656000	3840	24.07	25.50	1.390		1.000	-0.1	0.044	0.061
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+6(1)	DSI3	633334	3500.01	20.50	22.00	1.413		1.000	-0.17	0.097	0.137
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+6(6)	DSI3	633334	3500.01	24.02	25.50	1.406		1.000	-0.04	0.097	0.136
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+7(6)	DSI3	656000	3840	24.07	25.50	1.390		1.000	0	0.119	0.165
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+7(7)	DSI3	656000	3840	19.35	20.00	1.161		1.000	-0.13	0.119	0.138
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+7(6)	DSI3	633334	3500.01	24.02	25.50	1.406		1.000	-0.09	0.073	0.103
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+7(7)	DSI3	633334	3500.01	19.42	20.00	1.143		1.000	0.05	0.073	0.083
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+8(6)	DSI3	656000	3840	24.07	25.50	1.390		1.000	-0.13	0.136	0.189
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+8(8)	DSI3	656000	3840	23.42	25.00	1.439		1.000	0.17	0.136	0.196
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+8(6)	DSI3	633334	3500.01	24.02	25.50	1.406		1.000	0	0.083	0.117
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+8(8)	DSI3	633334	3500.01	23.28	25.00	1.486		1.000	-0.04	0.083	0.123
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+8(1)	DSI3	656000	3840	20.92	22.00	1.282		1.000	0.11	0.067	0.086
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+8(8)	DSI3	656000	3840	23.42	25.00	1.439		1.000	-0.02	0.067	0.096
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+8(1)	DSI3	633334	3500.01	20.50	22.00	1.413		1.000	0.04	0.051	0.072
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+8(8)	DSI3	633334	3500.01	23.28	25.00	1.486		1.000	0.13	0.051	0.076
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7+8(7)	DSI3	656000	3840	19.35	20.00	1.161		1.000	-0.11	0.165	0.192
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7+8(8)	DSI3	656000	3840	23.42	25.00	1.439		1.000	-0.16	0.165	0.237
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7+8(7)	DSI3	633334	3500.01	19.42	20.00	1.143		1.000	-0.06	0.098	0.112
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7+8(8)	DSI3	633334	3500.01	23.28	25.00	1.486		1.000	-0.14	0.098	0.146
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+7(1)	DSI3	650000	3750	20.65	21.50	1.216		1.000	0.01	0.161	0.196
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+7(7)	DSI3	650000	3750	19.87	20.50	1.156		1.000	0.06	0.161	0.186
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+7(1)	DSI3	633334	3500.01	21.04	21.50	1.112		1.000	0.12	0.109	0.121
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+7(7)	DSI3	633334	3500.01	19.86	20.50	1.159		1.000	-0.16	0.109	0.126
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+6(1)	DSI3	650000	3750	20.65	21.50	1.216		1.000	0.07	0.058	0.071
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+6(6)	DSI3	650000	3750	24.07	25.50	1.390		1.000	-0.02	0.058	0.081
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+6(1)	DSI3	633334	3500.01	21.04	21.50	1.112		1.000	-0.13	0.086	0.096
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+6(6)	DSI3	633334	3500.01	24.07	25.50	1.390		1.000	0.08	0.086	0.120
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+7(6)	DSI3	650000	3750	24.07	25.50	1.390		1.000	0.01	0.172	0.239
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+7(7)	DSI3	650000	3750	19.87	20.50	1.156		1.000	-0.16	0.172	0.199
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+7(6)	DSI3	633334	3500.01	24.07	25.50	1.390		1.000	-0.04	0.094	0.131
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+7(7)	DSI3	633334	3500.01	19.86	20.50	1.159		1.000	-0.01	0.094	0.109
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+8(6)	DSI3	650000	3750	24.07	25.50	1.390		1.000	-0.11	0.115	0.160
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+8(8)	DSI3	650000	3750	23.37	25.00	1.455		1.000	-0.06	0.115	0.167
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+8(6)	DSI3	633334	3500.01	24.07	25.50	1.390		1.000	0.03	0.093	0.129
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6+8(8)	DSI3	633334	3500.01	23.31	25.00	1.476		1.000	-0.13	0.093	0.137
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+8(1)	DSI3	650000	3750	20.65	21.50	1.216		1.000	-0.15	0.057	0.069
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+8(8)	DSI3	650000	3750	23.37	25.00	1.455		1.000	-0.02	0.057	0.083
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+8(1)	DSI3	633334	3500.01	21.04	21.50	1.112		1.000	0.14	0.066	0.073
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 1+8(8)	DSI3	633334	3500.01	23.31	25.00	1.476		1.000	0.1	0.066	0.097
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7+8(7)	DSI3	650000	3750	19.87	20.50	1.156		1.000	0.07	0.169	0.195
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7+8(8)	DSI3	650000	3750	23.37	25.00	1.455		1.000	-0.09	0.169	0.246
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7+8(7)	DSI3	633334	3500.01	19.86	20.50	1.159		1.000	-0.18	0.096	0.111
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7+8(8)	DSI3	633334	3500.01	23.31	25.00	1.476		1.000	-0.07	0.096	0.142