	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 7	-	ECI 3	55830	3609	18.92	20.30	1.374	62.9	1.006	-0.08	0.635	0.878
	LTE Band 48C	20M	QPSK	1	99	-	Back	5mm	Ant 7	-	ECI 3	55830+ 56028	3609+ 3628.8	19.13	20.30	1.309	62.9	1.006	0.08	0.611	0.805
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 7	-	ECI 3	55340	3560	19.25	20.30	1.274	62.9	1.006	-0.01	0.575	0.737
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 7	-	ECI 3	56150	3641	18.95	20.30	1.365	62.9	1.006	-0.19	0.449	0.616
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 7	-	ECI 3	56640	3690	19.06	20.30	1.330	62.9	1.006	-0.03	0.388	0.519
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 7	-	ECI 3	55830	3609	18.91	20.30	1.377	62.9	1.006	-0.08	0.451	0.625
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 7	-	ECI 3	55340	3560	19.16	20.30	1.300	62.9	1.006	0.1	0.469	0.613
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 7	-	ECI 3	56150	3641	19.09	20.30	1.321	62.9	1.006	0.15	0.359	0.477
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 7	-	ECI 3	56640	3690	19.03	20.30	1.340	62.9	1.006	0.12	0.342	0.461
	LTE Band 48	20M	QPSK	100	0	-	Back	5mm	Ant 7	-	ECI 3	55830	3609	19.06	20.30	1.330	62.9	1.006	-0.12	0.382	0.511
	LTE Band 48	20M	QPSK	1	0	-	Front	15mm	Ant 7	-	ECI 4	55340	3560	20.82	22.00	1.312	62.9	1.006	0.19	0.273	0.360
	LTE Band 48	20M	QPSK	1	0	-	Back	18mm	Ant 7	-	ECI 4	55830	3609	20.72	22.00	1.343	62.9	1.006	0.07	0.238	0.321
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	ECI 3	55830	3609	23.41	24.00	1.146	62.9	1.006	-0.15	0.520	0.599
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	ECI 3	55830	3609	22.73	23.00	1.064	62.9	1.006	-0.12	0.491	0.526
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	ECI 3	55830	3609	23.41	24.00	1.146	62.9	1.006	-0.13	0.571	0.658
94	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	ECI 3	55340	3560	23.54	24.00	1.112	62.9	1.006	0.06	0.937	**1.048**
	LTE Band 48C	20M	QPSK	1	99	-	Back	5mm	Ant 2	-	ECI 3	55340+ 55538	3560+ 3579.8	23.79	24.00	1.050	62.9	1.006	-0.11	0.902	0.952
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	ECI 3	56150	3641	23.47	24.00	1.130	62.9	1.006	-0.09	0.783	0.890
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	ECI 3	56640	3690	23.46	24.00	1.132	62.9	1.006	-0.18	0.583	0.664
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	ECI 3	55830	3609	22.73	23.00	1.064	62.9	1.006	0.12	0.494	0.529
	LTE Band 48	20M	QPSK	100	0	-	Back	5mm	Ant 2	-	ECI 3	55830	3609	22.71	23.00	1.069	62.9	1.006	-0.02	0.691	0.743
	LTE Band 48	20M	QPSK	1	0	-	Front	15mm	Ant 2	-	ECI 4	55340	3560	23.84	24.00	1.038	62.9	1.006	0.02	0.166	0.173
	LTE Band 48	20M	QPSK	1	0	-	Back	18mm	Ant 2	-	ECI 4	55340	3560	23.84	24.00	1.038	62.9	1.006	0.12	0.138	0.144
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 6	-	ECI 3	55830	3609	20.20	21.30	1.288	62.9	1.006	0.02	0.272	0.353
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 6	-	ECI 3	55830	3609	20.13	21.30	1.309	62.9	1.006	0.03	0.202	0.266
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 6	-	ECI 3	55830	3609	20.20	21.30	1.288	62.9	1.006	0.01	0.506	0.656
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 6	-	ECI 3	55340	3560	20.12	21.30	1.312	62.9	1.006	0.05	0.667	0.880
	LTE Band 48C	20M	QPSK	1	99	-	Back	5mm	Ant 6	-	ECI 3	55340+ 55538	3560+ 3579.8	20.36	21.30	1.242	62.9	1.006	0.02	0.624	0.779
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 6	-	ECI 3	56150	3641	20.42	21.30	1.225	62.9	1.006	-0.03	0.477	0.588
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 6	-	ECI 3	56640	3690	20.17	21.30	1.297	62.9	1.006	0.03	0.419	0.547
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 6	-	ECI 3	55830	3609	20.13	21.30	1.309	62.9	1.006	-0.17	0.399	0.525
	LTE Band 48	20M	QPSK	100	0	-	Back	5mm	Ant 6	-	ECI 3	55830	3609	20.17	21.30	1.297	62.9	1.006	0.16	0.415	0.542
	LTE Band 48	20M	QPSK	1	0	-	Front	15mm	Ant 6	-	ECI 4	55830	3609	21.70	23.00	1.349	62.9	1.006	-0.18	0.116	0.157
	LTE Band 48	20M	QPSK	1	0	-	Back	18mm	Ant 6	-	ECI 4	55340	3560	21.56	23.00	1.393	62.9	1.006	0.03	0.153	0.214
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	-	ECI 3	641666	3624.99	14.61	15.50	1.227	-	-	0.19	0.322	0.395
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Front	5mm	Ant 4	-	ECI 3	641666	3624.99	14.48	15.50	1.265	-	-	0.13	0.257	0.325
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	-	ECI 3	641666	3624.99	14.61	15.50	1.227	-	-	0.01	0.696	0.854
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	-	ECI 3	638000	3570	14.50	15.50	1.259	-	-	0.08	0.677	0.852
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	-	ECI 3	645332	3679.98	14.43	15.50	1.279	-	-	0.01	0.661	0.846
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Back	5mm	Ant 4	-	ECI 3	641666	3624.99	14.48	15.50	1.265	-	-	0.12	0.449	0.568
	FR1 n48	40M	QPSK	216	0	DFT-SCS-30KHz	Back	5mm	Ant 4	-	ECI 3	641666	3624.99	14.32	15.50	1.312	-	-	0.19	0.445	0.584
	FR1 n48 Other PA	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	-	ECI 3	641666	3624.99	14.65	15.50	1.216	-	-	0.03	0.661	0.804
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 4	-	ECI 4	641666	3624.99	23.51	24.00	1.119	-	-	-0.15	0.237	0.265
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	18mm	Ant 4	-	ECI 4	641666	3624.99	23.51	24.00	1.119	-	-	-0.15	0.417	0.467
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 7	-	ECI 3	641666	3624.99	18.28	19.00	1.180	-	-	-0.07	0.719	0.849
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 7	-	ECI 3	638000	3570	18.09	19.00	1.233	-	-	0.03	0.674	0.831
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 7	-	ECI 3	645332	3679.98	18.14	19.00	1.219	-	-	-0.08	0.692	0.844
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Front	5mm	Ant 7	-	ECI 3	641666	3624.99	18.05	19.00	1.245	-	-	-0.09	0.687	0.855
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Front	5mm	Ant 7	-	ECI 3	638000	3570	18.01	19.00	1.256	-	-	-0.08	0.671	0.843
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Front	5mm	Ant 7	-	ECI 3	645332	3679.98	17.99	19.00	1.262	-	-	0.1	0.662	0.835
	FR1 n48	40M	QPSK	216	0	DFT-SCS-30KHz	Front	5mm	Ant 7	-	ECI 3	641666	3624.99	17.93	19.00	1.279	-	-	-0.12	0.674	0.862
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 7	-	ECI 3	641666	3624.99	18.28	19.00	1.180	-	-	0.07	0.687	0.811
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 7	-	ECI 3	638000	3570	18.09	19.00	1.233	-	-	-0.18	0.636	0.784
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 7	-	ECI 3	645332	3679.98	18.14	19.00	1.219	-	-	0.1	0.654	0.797
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Back	5mm	Ant 7	-	ECI 3	641666	3624.99	18.05	19.00	1.245	-	-	-0.18	0.706	0.879
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Back	5mm	Ant 7	-	ECI 3	641666	3624.99	18.01	19.00	1.256	-	-	0.12	0.687	0.863
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Back	5mm	Ant 7	-	ECI 3	641666	3624.99	17.99	19.00	1.262	-	-	0.08	0.676	0.853

	FR1 n48	40M	QPSK	216	0	DFT-SCS-30KHz	Back	5mm	Ant 7	-	ECI 3	641666	3624.99	17.93	19.00	1.279	-	-	-0.06	0.654	0.837
	FR1 n48 Other PA	40M	QPSK	108	54	DFT-SCS-30KHz	Back	5mm	Ant 7	-	ECI 3	641666	3624.99	17.99	19.00	1.262	-	-	-0.18	0.671	0.847
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Front	15mm	Ant 7	-	ECI 4	641666	3624.99	22.05	23.00	1.245	-	-	0.11	0.304	0.378
	FR1 n48	40M	QPSK	216	0	DFT-SCS-30KHz	Back	18mm	Ant 7	-	ECI 4	641666	3624.99	21.09	22.00	1.233	-	-	-0.08	0.265	0.327
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2	-	ECI 3	641666	3624.99	20.02	21.20	1.312	-	-	0.07	0.737	0.967
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2	-	ECI 3	638000	3570	19.93	21.20	1.340	-	-	-0.17	0.716	0.959
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2	-	ECI 3	645332	3679.98	19.86	21.20	1.361	-	-	-0.03	0.704	0.958
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Front	5mm	Ant 2	-	ECI 3	641666	3624.99	19.90	21.20	1.349	-	-	-0.15	0.915	1.234
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Front	5mm	Ant 2	-	ECI 3	638000	3570	19.82	21.20	1.374	-	-	0.14	0.887	1.219
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Front	5mm	Ant 2	-	ECI 3	645332	3679.98	19.85	21.20	1.365	-	-	0.11	0.896	1.223
	FR1 n48	40M	QPSK	216	0	DFT-SCS-30KHz	Front	5mm	Ant 2	-	ECI 3	641666	3624.99	19.79	21.20	1.384	-	-	-0.15	0.716	0.991
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2	-	ECI 3	641666	3624.99	20.02	21.20	1.312	-	-	-0.08	0.830	1.089
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2	-	ECI 3	638000	3570	19.93	21.20	1.340	-	-	-0.05	0.805	1.078
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2	-	ECI 3	645332	3679.98	19.86	21.20	1.361	-	-	0.18	0.787	1.071
95	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Back	5mm	Ant 2	-	ECI 3	641666	3624.99	19.90	21.20	1.349	-	-	-0.04	0.957	**1.291**
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Back	5mm	Ant 2	-	ECI 3	638000	3570	19.82	21.20	1.374	-	-	0.14	0.933	1.282
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Back	5mm	Ant 2	-	ECI 3	645332	3679.98	19.85	21.20	1.365	-	-	-0.17	0.936	1.277
	FR1 n48	40M	QPSK	216	0	DFT-SCS-30KHz	Back	5mm	Ant 2	-	ECI 3	641666	3624.99	19.79	21.20	1.384	-	-	-0.04	0.775	1.072
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Back	5mm	Ant 2	Headset	ECI 3	641666	3624.99	19.90	21.20	1.349	-	-	0.07	0.908	1.225
	FR1 n48 Other PA	40M	QPSK	108	54	DFT-SCS-30KHz	Back	5mm	Ant 2	-	ECI 3	641666	3624.99	19.84	21.20	1.368	-	-	-0.05	0.932	1.275
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Front	15mm	Ant 2	-	ECI 4	641666	3624.99	23.29	24.00	1.178	-	-	-0.07	0.206	0.243
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Back	18mm	Ant 2	-	ECI 4	641666	3624.99	23.29	24.00	1.178	-	-	0.12	0.214	0.252
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 6	-	ECI 3	641666	3624.99	18.63	19.70	1.279	-	-	-0.07	0.276	0.353
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Front	5mm	Ant 6	-	ECI 3	641666	3624.99	18.51	19.70	1.315	-	-	-0.05	0.235	0.309
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	-	ECI 3	641666	3624.99	18.63	19.70	1.279	-	-	-0.03	0.678	0.867
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	-	ECI 3	638000	3570	18.51	19.70	1.315	-	-	0.17	0.651	0.856
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	-	ECI 3	645332	3679.98	18.50	19.70	1.318	-	-	-0.05	0.647	0.853
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Back	5mm	Ant 6	-	ECI 3	641666	3624.99	18.51	19.70	1.315	-	-	0.13	0.430	0.566
	FR1 n48	40M	QPSK	216	0	DFT-SCS-30KHz	Back	5mm	Ant 6	-	ECI 3	641666	3624.99	18.28	19.70	1.387	-	-	-0.03	0.408	0.566
	FR1 n48 Other PA	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	-	ECI 3	641666	3624.99	18.63	19.70	1.279	-	-	0.044	0.652	0.834
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	-	ECI 4	641666	3624.99	22.02	23.00	1.253	-	-	-0.17	0.126	0.158
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	18mm	Ant 6	-	ECI 4	641666	3624.99	22.02	23.00	1.253	-	-	-0.08	0.172	0.216
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	-	ECI 3	656000	3840	14.78	15.80	1.265	-	-	0.09	0.163	0.206
	FR1 n77 Part 27O HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4	-	ECI 3	656000	3840	14.70	15.80	1.288	-	-	0.06	0.173	0.223
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	-	ECI 3	656000	3840	14.78	15.80	1.265	-	-	-0.08	0.538	0.680
	FR1 n77 Part 27O HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4	-	ECI 3	656000	3840	14.70	15.80	1.288	-	-	0.17	0.500	0.644
	FR1 n77 Part 27O Other PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	-	ECI 3	656000	3840	14.81	15.80	1.256	-	-	0.01	0.522	0.656
	FR1 n77 Part 27O HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 4	-	ECI 4	656000	3840	25.85	27.00	1.303	-	-	-0.04	0.183	0.238
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	18mm	Ant 4	-	ECI 4	656000	3840	26.00	27.00	1.259	-	-	-0.08	0.322	0.405
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	-	ECI 3	633332	3499.98	14.82	15.80	1.253	-	-	-0.11	0.160	0.201
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4	-	ECI 3	633332	3499.98	14.73	15.80	1.279	-	-	0.03	0.227	0.290
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	-	ECI 3	633332	3499.98	14.82	15.80	1.253	-	-	-0.02	0.353	0.442
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4	-	ECI 3	633332	3499.98	14.73	15.80	1.279	-	-	-0.15	0.423	0.541
	FR1 n77 Part 27Q Other PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4	-	ECI 3	633332	3499.98	14.78	15.80	1.265	-	-	-0.08	0.407	0.515
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 4	-	ECI 4	633332	3499.98	26.10	27.00	1.230	-	-	0.17	0.144	0.177
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	18mm	Ant 4	-	ECI 4	633332	3499.98	26.10	27.00	1.230	-	-	0.18	0.253	0.311
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 7	-	ECI 3	656000	3840	16.72	17.50	1.197	-	-	0.06	0.580	0.694
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 7	-	ECI 3	656000	3840	16.67	17.50	1.211	-	-	-0.04	0.731	0.885
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 7	-	ECI 3	656000	3840	16.44	17.50	1.276	-	-	0.07	0.578	0.738
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 7	-	ECI 3	656000	3840	16.72	17.50	1.197	-	-	-0.08	0.601	0.719
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 7	-	ECI 3	656000	3840	16.67	17.50	1.211	-	-	-0.05	0.692	0.838
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 7	-	ECI 3	656000	3840	16.44	17.50	1.276	-	-	-0.06	0.588	0.751
	FR1 n77 Part 27O HPUE Other PA	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 7	-	ECI 3	656000	3840	16.59	17.50	1.233	-	-	-0.08	0.706	0.871
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 7	-	ECI 4	656000	3840	21.42	22.50	1.282	-	-	-0.04	0.355	0.455

	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Back	18mm	Ant 7	-	ECI 4	656000	3840	21.42	22.50	1.282	-	-	-0.08	0.254	0.326
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 7	-	ECI 3	633332	3499.98	16.74	17.50	1.191	-	-	0.18	0.457	0.544
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 7	-	ECI 3	633332	3499.98	16.70	17.50	1.202	-	-	0.1	0.439	0.528
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 7	-	ECI 3	633332	3499.98	16.74	17.50	1.191	-	-	0.04	0.477	0.568
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 7	-	ECI 3	633332	3499.98	16.70	17.50	1.202	-	-	-0.08	0.618	0.743
	FR1 n77 Part 27Q HPUE Other PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 7	-	ECI 3	633332	3499.98	16.64	17.50	1.219	-	-	0	0.606	0.739
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 7	-	ECI 4	633332	3499.98	21.19	22.50	1.352	-	-	-0.13	0.262	0.354
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	18mm	Ant 7	-	ECI 4	633332	3499.98	21.13	22.50	1.371	-	-	-0.13	0.188	0.258
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2	-	ECI 3	656000	3840	21.42	22.80	1.374	-	-	0.11	0.435	0.598
	FR1 n77 Part 27O HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 2	-	ECI 3	656000	3840	21.31	22.80	1.409	-	-	0.14	0.481	0.678
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2	-	ECI 3	656000	3840	21.42	22.80	1.374	-	-	0.02	0.520	0.715
	FR1 n77 Part 27O HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 2	-	ECI 3	656000	3840	21.31	22.80	1.409	-	-	-0.06	0.563	0.793
	FR1 n77 Part 27O Other PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 2	-	ECI 3	656000	3840	21.28	22.80	1.419	-	-	-0.16	0.535	0.759
	FR1 n77 Part 27O HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 2	-	ECI 4	656000	3840	26.24	27.00	1.191	-	-	0.01	0.376	0.448
	FR1 n77 Part 27O HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	18mm	Ant 2	-	ECI 4	656000	3840	26.24	27.00	1.191	-	-	0.06	0.255	0.304
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2	-	ECI 3	633332	3499.98	21.60	22.80	1.318	-	-	-0.02	0.636	0.838
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 2	-	ECI 3	633332	3499.98	21.44	22.80	1.368	-	-	0.08	0.511	0.699
	FR1 n77 Part 27Q HPUE	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 2	-	ECI 3	633332	3499.98	21.25	22.80	1.429	-	-	0	0.506	0.723
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2	-	ECI 3	633332	3499.98	21.60	22.80	1.318	-	-	-0.02	0.719	0.948
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 2	-	ECI 3	633332	3499.98	21.44	22.80	1.368	-	-	-0.04	0.599	0.819
	FR1 n77 Part 27Q HPUE	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 2	-	ECI 3	633332	3499.98	21.25	22.80	1.429	-	-	0.17	0.537	0.767
96	FR1 n77 Part 27Q Other PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2	-	ECI 3	633332	3499.98	21.35	22.80	1.396	-	-	0.18	0.687	**0.959**
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 2	-	ECI 4	633332	3499.98	26.49	27.00	1.125	-	-	0.03	0.459	0.516
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	18mm	Ant 2	-	ECI 4	633332	3499.98	26.49	27.00	1.125	-	-	0.01	0.311	0.350
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 6	-	ECI 3	656000	3840	18.89	19.70	1.205	-	-	0.04	0.367	0.442
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 6	-	ECI 3	656000	3840	18.77	19.70	1.239	-	-	-0.16	0.465	0.576
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	-	ECI 3	656000	3840	18.89	19.70	1.205	-	-	-0.01	0.501	0.604
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 6	-	ECI 3	656000	3840	18.77	19.70	1.239	-	-	-0.08	0.468	0.580
	FR1 n77 Part 27O HPUE Other PA	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	-	ECI 3	656000	3840	19.03	19.70	1.167	-	-	-0.13	0.377	0.440
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 6	-	ECI 4	656000	3840	21.47	22.50	1.268	-	-	0.06	0.087	0.110
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Back	18mm	Ant 6	-	ECI 4	656000	3840	21.59	22.50	1.233	-	-	-0.03	0.115	0.142
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 6	-	ECI 3	633332	3499.98	18.67	19.70	1.268	-	-	-0.03	0.331	0.420
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 6	-	ECI 3	633332	3499.98	18.63	19.70	1.279	-	-	0.02	0.295	0.377
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	-	ECI 3	633332	3499.98	18.67	19.70	1.268	-	-	0.11	0.586	0.743
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 6	-	ECI 3	633332	3499.98	18.63	19.70	1.279	-	-	-0.02	0.693	0.887
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 6	-	ECI 3	633332	3499.98	18.34	19.70	1.368	-	-	-0.17	0.562	0.769
	FR1 n77 Part 27Q HPUE Other PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 6	-	ECI 3	633332	3499.98	18.59	19.70	1.291	-	-	-0.04	0.660	0.852
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	15mm	Ant 6	-	ECI 4	633332	3499.98	21.61	22.50	1.227	-	-	-0.03	0.121	0.149
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	18mm	Ant 6	-	ECI 4	633332	3499.98	21.57	22.50	1.239	-	-	0.08	0.159	0.197

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Headset	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)
							BT&WIFI										
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 3+5(5)	-	Standalone	6	2437	19.12	20.50	1.374	99.52	1.005	-0.02	0.374	0.516
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3+5(5)	-	Standalone	6	2437	19.12	20.50	1.374	99.52	1.005	-0.01	0.671	0.927
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3+5(5)	-	Standalone	1	2412	18.91	20.50	1.442	99.52	1.005	-0.01	0.743	1.077
97	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3+5(3)	-	Standalone	11	2462	18.85	20.50	1.462	99.52	1.005	-0.07	0.967	**1.421**
	WLAN2.4GHz	802.11g 6Mbps	Back	5mm	Ant 3+5(3)	-	Standalone	6	2437	19.49	20.50	1.262	97.2	1.029	-0.14	0.825	1.071
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 3+5(5)	-	DBS	11	2462	16.28	18.00	1.486	99.52	1.005	-0.05	0.204	0.305
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3+5(5)	-	DBS	11	2462	16.28	18.00	1.486	99.52	1.005	0.03	0.533	0.796
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 3+5(5)	-	Simultaneous	11	2462	13.20	15.00	1.514	99.52	1.005	0.01	0.110	0.167
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3+5(5)	-	Simultaneous	11	2462	13.20	15.00	1.514	99.52	1.005	0.07	0.255	0.388
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 3+5(3)	-	DBS Simultaneous	11	2462	10.31	12.00	1.476	99.52	1.005	0.01	0.053	0.079
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3+5(3)	-	DBS Simultaneous	11	2462	10.31	12.00	1.476	99.52	1.005	0.01	0.135	0.200
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3+5(3)	Headset	Standalone	11	2462	18.85	20.50	1.462	99.52	1.005	0.06	0.901	1.324
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 3+5(5)	-	Full power	11	2462	20.85	22.50	1.462	99.52	1.005	-0.06	0.167	0.245
	WLAN2.4GHz	802.11b 1Mbps	Back	18mm	Ant 3+5(5)	-	Full power	11	2462	20.85	22.50	1.462	99.52	1.005	-0.11	0.149	0.219
	Bluetooth	1Mbps	Front	5mm	Ant3	-	Full power	39	2441	16.65	18.00	1.365	76.8	1.085	-0.03	0.042	0.062
98	Bluetooth	1Mbps	Back	5mm	Ant3	-	Full power	39	2441	16.65	18.00	1.365	76.8	1.085	-0.02	0.063	**0.093**
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	5mm	Ant 6+7(6)	-	Standalone	54	5270	15.84	17.00	1.306	94.2	1.062	-0.06	0.458	0.635
99	WLAN5.3GHz	802.11n-HT40 MCS0	Back	5mm	Ant 6+7(6)	-	Standalone	54	5270	15.84	17.00	1.306	94.2	1.062	-0.06	0.744	**1.032**
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	5mm	Ant 6+7(6)	-	Standalone	62	5310	15.74	17.00	1.337	94.2	1.062	0.01	0.500	0.710
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 6+7(6)	-	DBS	58	5290	13.84	15.00	1.306	86.49	1.156	0.01	0.275	0.415
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6+7(6)	-	DBS	58	5290	13.84	15.00	1.306	86.49	1.156	0.01	0.456	0.689
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 6+7(7)	-	Simultaneous	58	5290	10.54	12.00	1.400	86.49	1.156	0.05	0.146	0.236
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6+7(7)	-	Simultaneous	58	5290	10.54	12.00	1.400	86.49	1.156	0.01	0.216	0.349
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 6+7(7)	-	DBS Simultaneous	58	5290	7.54	9.00	1.400	86.49	1.156	0.03	0.070	0.113
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6+7(7)	-	DBS Simultaneous	58	5290	7.54	9.00	1.400	86.49	1.156	0.03	0.060	0.097
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	15mm	Ant 6+7(7)	-	Full power	54	5270	19.46	21.00	1.426	94.2	1.062	-0.02	0.347	0.525
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	18mm	Ant 6+7(7)	-	Full power	54	5270	19.46	21.00	1.426	94.2	1.062	-0.04	0.404	0.612
	WLAN5.5GHz	802.11ac VHT80 MCS0	Front	5mm	Ant 6+7(6)	-	Standalone	138	5690	15.28	16.50	1.324	86.49	1.156	-0.05	0.532	0.814
	WLAN5.5GHz	802.11ac VHT80 MCS0	Front	5mm	Ant 6+7(7)	-	Standalone	106	5530	13.25	15.00	1.496	86.49	1.156	-0.05	0.351	0.607
	WLAN5.5GHz	802.11ac VHT80 MCS0	Front	5mm	Ant 6+7(6)	-	Standalone	122	5610	14.98	16.50	1.419	86.49	1.156	-0.06	0.422	0.692
100	WLAN5.5GHz	802.11ac VHT80 MCS0	Back	5mm	Ant 6+7(6)	-	Standalone	138	5690	15.28	16.50	1.324	86.49	1.156	-0.07	0.637	**0.975**
	WLAN5.5GHz	802.11ac VHT80 MCS0	Back	5mm	Ant 6+7(7)	-	Standalone	106	5530	13.25	15.00	1.496	86.49	1.156	0.01	0.563	0.974
	WLAN5.5GHz	802.11ac VHT80 MCS0	Back	5mm	Ant 6+7(6)	-	Standalone	122	5610	14.98	16.50	1.419	86.49	1.156	0.01	0.529	0.868
	WLAN5.5GHz	802.11ac VHT80 MCS0	Front	5mm	Ant 6+7(6)	-	DBS	138	5690	13.28	14.50	1.324	86.49	1.156	-0.08	0.366	0.560
	WLAN5.5GHz	802.11ac VHT80 MCS0	Back	5mm	Ant 6+7(6)	-	DBS	138	5690	13.28	14.50	1.324	86.49	1.156	0.02	0.491	0.752
	WLAN5.5GHz	802.11ac VHT80 MCS0	Front	5mm	Ant 6+7(6)	-	Simultaneous	138	5690	10.30	11.50	1.318	86.49	1.156	0.01	0.162	0.247
	WLAN5.5GHz	802.11ac VHT80 MCS0	Back	5mm	Ant 6+7(6)	-	Simultaneous	138	5690	10.30	11.50	1.318	86.49	1.156	0.04	0.230	0.350
	WLAN5.5GHz	802.11ac VHT80 MCS0	Front	5mm	Ant 6+7(6)	-	DBS Simultaneous	138	5690	7.03	8.50	1.403	86.49	1.156	-0.06	0.072	0.117
	WLAN5.5GHz	802.11ac VHT80 MCS0	Back	5mm	Ant 6+7(6)	-	DBS Simultaneous	138	5690	7.03	8.50	1.403	86.49	1.156	0.01	0.105	0.170
	WLAN5.5GHz	802.11ax-HE40 MCS0	Front	15mm	Ant 6+7(6)	-	Full power	102	5510	19.34	21.00	1.467	92.98	1.076	0.07	0.266	0.420
	WLAN5.5GHz	802.11ax-HE40 MCS0	Back	18mm	Ant 6+7(6)	-	Full power	102	5510	19.34	21.00	1.467	92.98	1.076	-0.02	0.261	0.412
	WLAN5.8GHz	802.11ac VHT80 MCS0	Front	5mm	Ant 6+7(7)	-	Standalone	155	5775	18.48	20.00	1.419	86.49	1.156	-0.01	0.623	1.022
101	WLAN5.8GHz	802.11ac VHT80 MCS0	Back	5mm	Ant 6+7(7)	-	Standalone	155	5775	18.48	20.00	1.419	86.49	1.156	0.09	0.715	**1.173**
	WLAN5.8GHz	802.11ac VHT80 MCS0	Front	5mm	Ant 6+7(6)	-	DBS	155	5775	16.65	18.00	1.365	86.49	1.156	0.01	0.450	0.710
	WLAN5.8GHz	802.11ac VHT80 MCS0	Back	5mm	Ant 6+7(6)	-	DBS	155	5775	16.65	18.00	1.365	86.49	1.156	0.03	0.504	0.795
	WLAN5.8GHz	802.11ac VHT80 MCS0	Front	5mm	Ant 6+7(7)	-	Simultaneous	155	5775	13.48	15.00	1.419	86.49	1.156	-0.04	0.205	0.336
	WLAN5.8GHz	802.11ac VHT80 MCS0	Back	5mm	Ant 6+7(7)	-	Simultaneous	155	5775	13.48	15.00	1.419	86.49	1.156	0.01	0.221	0.363
	WLAN5.8GHz	802.11ac VHT80 MCS0	Front	5mm	Ant 6+7(7)	-	DBS Simultaneous	155	5775	10.56	12.00	1.393	86.49	1.156	0.12	0.110	0.177
	WLAN5.8GHz	802.11ac VHT80 MCS0	Back	5mm	Ant 6+7(7)	-	DBS Simultaneous	155	5775	10.56	12.00	1.393	86.49	1.156	0.09	0.140	0.225
	WLAN5.8GHz	802.11ax-HE40 MCS0	Front	15mm	Ant 6+7(6)	-	Full power	159	5795	19.48	21.00	1.419	92.98	1.076	-0.14	0.233	0.356
	WLAN5.8GHz	802.11ax-HE40 MCS0	Back	18mm	Ant 6+7(6)	-	Full power	159	5795	19.48	21.00	1.419	92.98	1.076	-0.16	0.272	0.415

16.4 Product specific 10g SAR

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
835MHz																				
102	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	ECI 6	4182	836.4	23.53	24.00	1.114	-	-	0.05	1.390	**1.549**
1750MHz																				
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 0	ECI 6	1413	1732.6	22.02	23.40	1.374	-	-	0.11	2.030	2.789
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 0	ECI 6	1312	1712.4	21.71	23.40	1.476	-	-	-0.05	1.970	2.907
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 0	ECI 6	1513	1752.6	21.99	23.40	1.384	-	-	-0.08	1.850	2.560
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	ECI 6	1413	1732.6	22.02	23.40	1.374	-	-	0.16	2.060	2.831
103	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	ECI 6	1312	1712.4	21.71	23.40	1.476	-	-	0.03	2.140	**3.158**
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	ECI 6	1513	1752.6	21.99	23.40	1.384	-	-	0.05	1.680	2.324
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 0	ECI 6	1413	1732.6	22.02	23.40	1.374	-	-	0.05	2.060	2.831
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 0	ECI 6	1312	1712.4	21.71	23.40	1.476	-	-	-0.03	2.090	3.084
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 0	ECI 6	1513	1752.6	21.99	23.40	1.384	-	-	-0.15	1.860	2.573
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 0	ECI 6	1413	1732.6	22.02	23.40	1.374	-	-	0.02	1.040	1.429
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	4mm	Ant 0	ECI 4	1312	1712.4	22.90	24.00	1.288	-	-	0.13	1.530	1.971
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	13mm	Ant 0	ECI 4	1312	1712.4	22.90	24.00	1.288	-	-	-0.18	0.523	0.674
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	7mm	Ant 0	ECI 4	1312	1712.4	22.90	24.00	1.288	-	-	0.02	0.922	1.188
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	9mm	Ant 0	ECI 4	1413	1732.6	22.90	24.00	1.288	-	-	0.16	0.957	1.233
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 1	ECI 6	1413	1732.6	20.99	22.00	1.262	-	-	-0.1	0.878	1.108
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 1	ECI 6	1413	1732.6	20.99	22.00	1.262	-	-	-0.04	0.792	0.999
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 1	ECI 6	1413	1732.6	20.99	22.00	1.262	-	-	-0.13	1.664	2.100
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 1	ECI 6	1312	1712.4	20.68	22.00	1.355	-	-	-0.01	1.570	2.128
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 1	ECI 6	1513	1752.6	20.86	22.00	1.300	-	-	0.06	1.820	2.366
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 1	ECI 4	1413	1732.6	23.11	24.00	1.227	-	-	-0.09	0.354	0.435
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	7mm	Ant 1	ECI 4	1413	1732.6	23.11	24.00	1.227	-	-	0.05	0.390	0.479
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	9mm	Ant 1	ECI 4	1513	1752.6	23.11	24.00	1.227	-	-	0.02	0.393	0.482
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 0	ECI 6	132322	1745	21.45	22.60	1.303	-	-	0.01	2.180	2.841
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 0	ECI 6	132072	1720	21.29	22.60	1.352	-	-	-0.16	2.110	2.853
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 0	ECI 6	132572	1770	21.36	22.60	1.330	-	-	0.1	2.240	2.980
	LTE Band 66	20M	QPSK	50	0	-	Front	0mm	Ant 0	ECI 6	132322	1745	21.43	22.60	1.309	-	-	-0.04	1.410	1.846
	LTE Band 66	20M	QPSK	100	0	-	Front	0mm	Ant 0	ECI 6	132322	1745	21.26	22.60	1.361	-	-	-0.04	1.290	1.756
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 0	ECI 6	132322	1745	21.45	22.60	1.303	-	-	-0.11	2.080	2.711
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 0	ECI 6	132072	1720	21.29	22.60	1.352	-	-	-0.06	2.160	2.920
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 0	ECI 6	132572	1770	21.36	22.60	1.330	-	-	-0.15	2.070	2.754
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 0	ECI 6	132322	1745	21.43	22.60	1.309	-	-	0.03	1.320	1.728
	LTE Band 66	20M	QPSK	100	0	-	Back	0mm	Ant 0	ECI 6	132322	1745	21.26	22.60	1.361	-	-	-0.15	1.280	1.743
	LTE Band 66	20M	QPSK	1	0	-	Left Side	0mm	Ant 0	ECI 6	132322	1745	21.45	22.60	1.303	-	-	-0.09	1.930	2.515
104	LTE Band 66	20M	QPSK	1	0	-	Left Side	0mm	Ant 0	ECI 6	132072	1720	21.29	22.60	1.352	-	-	-0.02	2.300	**3.110**
	LTE Band 66	20M	QPSK	1	0	-	Left Side	0mm	Ant 0	ECI 6	132572	1770	21.36	22.60	1.330	-	-	0.14	2.120	2.821
	LTE Band 66	20M	QPSK	50	0	-	Left Side	0mm	Ant 0	ECI 6	132322	1745	21.43	22.60	1.309	-	-	0.1	1.550	2.029
	LTE Band 66	20M	QPSK	50	0	-	Left Side	0mm	Ant 0	ECI 6	132072	1720	21.20	22.60	1.380	-	-	-0.09	1.460	2.015
	LTE Band 66	20M	QPSK	50	0	-	Left Side	0mm	Ant 0	ECI 6	132572	1770	21.25	22.60	1.365	-	-	0.07	1.300	1.774
	LTE Band 66	20M	QPSK	100	0	-	Left Side	0mm	Ant 0	ECI 6	132322	1745	21.26	22.60	1.361	-	-	-0.09	1.330	1.811
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	ECI 6	132322	1745	21.45	22.60	1.303	-	-	-0.16	1.720	2.241
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	ECI 6	132072	1720	21.29	22.60	1.352	-	-	-0.18	1.890	2.555
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	ECI 6	132572	1770	21.36	22.60	1.330	-	-	-0.07	1.590	2.115
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	ECI 6	132322	1745	21.43	22.60	1.309	-	-	0.11	1.060	1.388
	LTE Band 66	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 0	ECI 6	132322	1745	21.26	22.60	1.361	-	-	-0.01	1.030	1.402
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Left Side	0mm	Ant 0	ECI 6	132072	1720	21.29	22.60	1.352	-	-	-0.09	1.800	2.434
	LTE Band 66	20M	QPSK	1	0	-	Front	4mm	Ant 0	ECI 4	132572	1770	22.35	24.00	1.462	-	-	-0.06	1.290	1.886
	LTE Band 66	20M	QPSK	1	0	-	Back	13mm	Ant 0	ECI 4	132072	1720	22.35	24.00	1.462	-	-	-0.17	0.424	0.620
	LTE Band 66	20M	QPSK	1	0	-	Left Side	7mm	Ant 0	ECI 4	132072	1720	22.35	24.00	1.462	-	-	-0.01	0.679	0.993

	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	9mm	Ant 0	ECI 4	132072	1720	22.35	24.00	1.462	-	-	-0.11	0.734	1.073
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 1	ECI 6	132322	1745	20.68	21.70	1.265	-	-	-0.04	1.140	1.442
	LTE Band 66	20M	QPSK	50	0	-	Front	0mm	Ant 1	ECI 6	132322	1745	20.63	21.70	1.279	-	-	0.07	0.850	1.087
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 1	ECI 6	132322	1745	20.68	21.70	1.265	-	-	0	1.180	1.492
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 1	ECI 6	132322	1745	20.63	21.70	1.279	-	-	-0.12	0.909	1.163
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	ECI 6	132322	1745	20.68	21.70	1.265	-	-	0.04	1.970	2.492
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	ECI 6	132072	1720	20.53	21.70	1.309	-	-	-0.03	1.650	2.160
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	ECI 6	132572	1770	20.66	21.70	1.271	-	-	0	1.930	2.452
	LTE Band 66	20M	QPSK	50	0	-	Top Side	0mm	Ant 1	ECI 6	132322	1745	20.63	21.70	1.279	-	-	-0.1	1.510	1.932
	LTE Band 66	20M	QPSK	100	0	-	Top Side	0mm	Ant 1	ECI 6	132322	1745	20.48	21.70	1.324	-	-	0.07	1.520	2.013
	LTE Band 66 Main PA	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	ECI 6	132322	1745	20.68	21.70	1.265	-	-	0.02	1.900	2.403
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 1	ECI 4	132322	1745	22.55	24.00	1.396	-	-	0.15	0.647	0.903
	LTE Band 66	20M	QPSK	1	0	-	Back	7mm	Ant 1	ECI 4	132322	1745	22.55	24.00	1.396	-	-	-0.05	0.674	0.941
	LTE Band 66	20M	QPSK	1	0	-	Top Side	9mm	Ant 1	ECI 4	132322	1745	22.55	24.00	1.396	-	-	-0.08	0.628	0.877
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 0	ECI 6	340500	1702.5	20.58	21.70	1.294	-	-	0.17	1.850	2.394
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Front	0mm	Ant 0	ECI 6	340500	1702.5	20.41	21.70	1.346	-	-	-0.16	1.870	2.517
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Front	0mm	Ant 0	ECI 6	340500	1702.5	20.21	21.70	1.409	-	-	-0.17	1.750	2.466
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 0	ECI 6	340500	1702.5	20.58	21.70	1.294	-	-	0.11	2.110	2.731
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Back	0mm	Ant 0	ECI 6	340500	1702.5	20.41	21.70	1.346	-	-	-0.05	2.150	2.894
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Back	0mm	Ant 0	ECI 6	340500	1702.5	20.21	21.70	1.409	-	-	-0.01	2.010	2.833
105	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	Ant 0	ECI 6	340500	1702.5	20.58	21.70	1.294	-	-	-0.09	2.380	**3.080**
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Left Side	0mm	Ant 0	ECI 6	340500	1702.5	20.41	21.70	1.346	-	-	-0.14	2.070	2.786
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Left Side	0mm	Ant 0	ECI 6	340500	1702.5	20.21	21.70	1.409	-	-	-0.15	1.980	2.790
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	ECI 6	340500	1702.5	20.58	21.70	1.294	-	-	-0.12	1.470	1.902
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	ECI 6	340500	1702.5	20.41	21.70	1.346	-	-	-0.17	1.350	1.817
	FR1 n70 Other PA	15M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	Ant 0	ECI 6	340500	1702.5	20.58	21.70	1.294	-	-	0.01	2.060	2.666
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Front	4mm	Ant 0	ECI 4	340500	1702.5	22.97	24.00	1.268	-	-	0.02	0.973	1.233
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	13mm	Ant 0	ECI 4	340500	1702.5	22.97	24.00	1.268	-	-	-0.11	0.327	0.415
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Left Side	7mm	Ant 0	ECI 4	340500	1702.5	22.97	24.00	1.268	-	-	-0.01	0.582	0.738
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	9mm	Ant 0	ECI 4	340500	1702.5	22.97	24.00	1.268	-	-	0.09	0.578	0.733
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 1	ECI 6	340500	1702.5	19.85	21.30	1.396	-	-	0.07	0.690	0.963
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Front	0mm	Ant 1	ECI 6	340500	1702.5	19.64	21.30	1.466	-	-	-0.03	0.664	0.973
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 1	ECI 6	340500	1702.5	19.85	21.30	1.396	-	-	-0.08	0.371	0.518
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Back	0mm	Ant 1	ECI 6	340500	1702.5	19.64	21.30	1.466	-	-	-0.05	0.359	0.526
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 1	ECI 6	340500	1702.5	19.85	21.30	1.396	-	-	-0.03	1.970	2.751
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Top Side	0mm	Ant 1	ECI 6	340500	1702.5	19.64	21.30	1.466	-	-	0.17	1.630	2.389
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Top Side	0mm	Ant 1	ECI 6	340500	1702.5	19.54	21.30	1.500	-	-	-0.14	1.600	2.399
	FR1 n70 Other PA	15M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 1	ECI 6	340500	1702.5	19.85	21.30	1.396	-	-	-0.19	1.940	2.709
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	ECI 4	340500	1702.5	23.23	24.00	1.194	-	-	0.06	0.618	0.738
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	7mm	Ant 1	ECI 4	340500	1702.5	23.23	24.00	1.194	-	-	-0.06	0.668	0.798
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Top Side	9mm	Ant 1	ECI 4	340500	1702.5	23.23	24.00	1.194	-	-	-0.15	0.578	0.690
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 0	ECI 6	349000	1745	20.20	21.10	1.230	-	-	-0.13	1.990	2.448
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	0mm	Ant 0	ECI 6	349000	1745	20.05	21.10	1.274	-	-	-0.1	2.080	2.649
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Front	0mm	Ant 0	ECI 6	349000	1745	19.79	21.10	1.352	-	-	-0.07	1.280	1.731
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 0	ECI 6	349000	1745	20.20	21.10	1.230	-	-	0.11	1.830	2.251
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	0mm	Ant 0	ECI 6	349000	1745	20.05	21.10	1.274	-	-	-0.17	1.900	2.420
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Back	0mm	Ant 0	ECI 6	349000	1745	19.79	21.10	1.352	-	-	0.01	1.170	1.582
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	Ant 0	ECI 6	349000	1745	20.20	21.10	1.230	-	-	0.1	2.340	2.879
106	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	0mm	Ant 0	ECI 6	349000	1745	20.05	21.10	1.274	-	-	-0.08	2.510	**3.196**
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Left Side	0mm	Ant 0	ECI 6	349000	1745	19.79	21.10	1.352	-	-	0.11	1.510	2.042
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	ECI 6	349000	1745	20.20	21.10	1.230	-	-	-0.07	0.974	1.198
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	ECI 6	349000	1745	20.05	21.10	1.274	-	-	0.18	1.000	1.274
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	0mm	Ant 0	ECI 6	349000	1745	20.05	21.10	1.274	-	-	0.07	1.860	2.369
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	4mm	Ant 0	ECI 4	349000	1745	22.66	24.00	1.361	-	-	0.15	0.834	1.135
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	13mm	Ant 0	ECI 4	349000	1745	22.66	24.00	1.361	-	-	-0.03	0.312	0.425
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	7mm	Ant 0	ECI 4	349000	1745	22.66	24.00	1.361	-	-	0.17	0.608	0.828

	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	9mm	Ant 0	ECI 4	349000	1745	22.66	24.00	1.361	-	-	0.07	0.507	0.690
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 1	ECI 6	349000	1745	19.52	20.50	1.253	-	-	-0.07	1.200	1.504
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	0mm	Ant 1	ECI 6	349000	1745	19.39	20.50	1.291	-	-	0.1	1.150	1.485
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 1	ECI 6	349000	1745	19.52	20.50	1.253	-	-	-0.02	0.671	0.841
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	0mm	Ant 1	ECI 6	349000	1745	19.39	20.50	1.291	-	-	-0.1	0.660	0.852
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 1	ECI 6	349000	1745	19.52	20.50	1.253	-	-	0.14	1.870	2.343
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	0mm	Ant 1	ECI 6	349000	1745	19.39	20.50	1.291	-	-	0.04	1.910	2.466
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Top Side	0mm	Ant 1	ECI 6	349000	1745	19.14	20.50	1.368	-	-	-0.05	1.800	2.462
	FR1 n66 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	0mm	Ant 1	ECI 6	349000	1745	19.39	20.50	1.291	-	-	0.13	1.560	2.014
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	ECI 4	349000	1745	22.92	24.00	1.282	-	-	-0.04	0.597	0.766
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	7mm	Ant 1	ECI 4	349000	1745	22.92	24.00	1.282	-	-	0.03	0.578	0.741
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	9mm	Ant 1	ECI 4	349000	1745	22.92	24.00	1.282	-	-	0.01	0.579	0.742
1900MHz																				
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	0mm	Ant 0	ECI 6	661	1880	25.66	26.50	1.213	-	-	0.17	1.820	2.208
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	0mm	Ant 0	ECI 6	512	1850.2	25.44	26.50	1.276	-	-	-0.15	1.670	2.132
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	0mm	Ant 0	ECI 6	810	1909.8	25.54	26.50	1.247	-	-	0.18	1.760	2.195
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	0mm	Ant 0	ECI 6	661	1880	25.66	26.50	1.213	-	-	0.03	1.910	2.318
107	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	0mm	Ant 0	ECI 6	512	1850.2	25.44	26.50	1.276	-	-	0.15	1.820	**2.323**
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	0mm	Ant 0	ECI 6	810	1909.8	25.54	26.50	1.247	-	-	0.03	1.850	2.308
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Side	0mm	Ant 0	ECI 6	661	1880	25.66	26.50	1.213	-	-	-0.1	1.520	1.844
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	0mm	Ant 0	ECI 6	661	1880	25.66	26.50	1.213	-	-	-0.02	1.260	1.529
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 0	ECI 6	9400	1880	22.58	23.90	1.355	-	-	0.17	2.010	2.724
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 0	ECI 6	9262	1852.4	22.23	23.90	1.469	-	-	0.13	2.160	3.173
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 0	ECI 6	9538	1907.6	22.44	23.90	1.400	-	-	-0.02	1.920	2.687
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	ECI 6	9400	1880	22.58	23.90	1.355	-	-	0	2.070	2.805
108	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	ECI 6	9262	1852.4	22.23	23.90	1.469	-	-	0.09	2.170	**3.188**
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	ECI 6	9538	1907.6	22.44	23.90	1.400	-	-	0.1	2.070	2.897
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 0	ECI 6	9400	1880	22.58	23.90	1.355	-	-	0.13	1.600	2.168
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 0	ECI 6	9262	1852.4	22.23	23.90	1.469	-	-	-0.04	1.860	2.732
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 0	ECI 6	9538	1907.6	22.44	23.90	1.400	-	-	-0.12	1.510	2.113
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 0	ECI 6	9400	1880	22.58	23.90	1.355	-	-	-0.07	1.250	1.694
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	4mm	Ant 0	ECI 4	9262	1852.4	23.04	24.00	1.247	-	-	0.05	1.650	2.058
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	13mm	Ant 0	ECI 4	9262	1852.4	23.04	24.00	1.247	-	-	-0.15	0.543	0.677
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	7mm	Ant 0	ECI 4	9262	1852.4	23.04	24.00	1.247	-	-	-0.11	0.781	0.974
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	9mm	Ant 0	ECI 4	9400	1880	23.04	24.00	1.247	-	-	0.07	1.130	1.410
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 1	ECI 6	9400	1880	21.96	22.00	1.009	-	-	0.12	1.940	1.958
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 1	ECI 6	9400	1880	21.96	22.00	1.009	-	-	-0.19	1.890	1.907
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 1	ECI 6	9400	1880	21.96	22.00	1.009	-	-	-0.12	2.050	2.069
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 1	ECI 6	9262	1852.4	21.68	22.00	1.076	-	-	0.19	2.290	2.465
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 1	ECI 6	9538	1907.6	21.92	22.00	1.019	-	-	0.18	1.180	1.202
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 1	ECI 4	9400	1880	22.90	24.00	1.288	-	-	0.14	0.386	0.497
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	7mm	Ant 1	ECI 4	9400	1880	22.90	24.00	1.288	-	-	0.03	0.364	0.469
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	9mm	Ant 1	ECI 4	9262	1852.4	22.90	24.00	1.288	-	-	0.09	0.363	0.468
	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 0	ECI 6	26340	1880	21.30	22.30	1.259	-	-	-0.12	1.880	2.367
	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 0	ECI 6	26140	1860	21.22	22.30	1.282	-	-	0.07	1.970	2.526
	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 0	ECI 6	26590	1905	21.26	22.30	1.271	-	-	-0.18	1.750	2.224
	LTE Band 25	20M	QPSK	50	0	-	Front	0mm	Ant 0	ECI 6	26340	1880	21.22	22.30	1.282	-	-	-0.06	1.500	1.923
	LTE Band 25	20M	QPSK	100	0	-	Front	0mm	Ant 0	ECI 6	26340	1880	21.10	22.30	1.318	-	-	-0.15	1.450	1.911
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 0	ECI 6	26340	1880	21.30	22.30	1.259	-	-	-0.08	2.120	2.669
109	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 0	ECI 6	26140	1860	21.22	22.30	1.282	-	-	0.07	2.160	**2.770**
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 0	ECI 6	26590	1905	21.26	22.30	1.271	-	-	-0.04	1.990	2.528
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 0	ECI 6	26340	1880	21.22	22.30	1.282	-	-	0.02	1.710	2.193
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 0	ECI 6	26140	1860	21.06	22.30	1.330	-	-	-0.07	1.620	2.155
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 0	ECI 6	26590	1905	21.20	22.30	1.288	-	-	-0.08	1.640	2.113
	LTE Band 25	20M	QPSK	100	0	-	Back	0mm	Ant 0	ECI 6	26340	1880	21.10	22.30	1.318	-	-	0.12	1.660	2.188
	LTE Band 25	20M	QPSK	1	0	-	Left Side	0mm	Ant 0	ECI 6	26340	1880	21.30	22.30	1.259	-	-	-0.07	1.430	1.800

	LTE Band 25	20M	QPSK	50	0	-	Left Side	0mm	Ant 0	ECI 6	26340	1880	21.22	22.30	1.282	-	-	0.13	1.140	1.462
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	ECI 6	26340	1880	21.30	22.30	1.259	-	-	-0.04	1.760	2.216
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	ECI 6	26140	1860	21.22	22.30	1.282	-	-	0.17	1.690	2.167
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	ECI 6	26590	1905	21.26	22.30	1.271	-	-	0.06	1.690	2.147
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	ECI 6	26340	1880	21.22	22.30	1.282	-	-	0.01	1.430	1.834
	LTE Band 25	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 0	ECI 6	26340	1880	21.10	22.30	1.318	-	-	0.09	1.360	1.793
	LTE Band 25 Other PA	20M	QPSK	1	0	-	Back	0mm	Ant 0	ECI 6	26140	1860	21.22	22.30	1.282	-	-	-0.02	1.810	2.321
	LTE Band 25	20M	QPSK	1	0	-	Front	4mm	Ant 0	ECI 4	26140	1860	22.58	24.00	1.387	-	-	0.15	1.220	1.692
	LTE Band 25	20M	QPSK	1	0	-	Back	13mm	Ant 0	ECI 4	26140	1860	22.58	24.00	1.387	-	-	-0.08	0.402	0.557
	LTE Band 25	20M	QPSK	1	0	-	Left Side	7mm	Ant 0	ECI 4	26340	1880	22.58	24.00	1.387	-	-	0.06	0.522	0.724
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	9mm	Ant 0	ECI 4	26340	1880	22.58	24.00	1.387	-	-	0.15	0.749	1.039
	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 1	ECI 6	26340	1880	19.92	21.00	1.282	-	-	-0.16	1.890	2.424
	LTE Band 25	20M	QPSK	50	0	-	Front	0mm	Ant 1	ECI 6	26340	1880	19.89	21.00	1.291	-	-	-0.18	1.420	1.834
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 1	ECI 6	26340	1880	19.92	21.00	1.282	-	-	0.02	1.640	2.103
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 1	ECI 6	26340	1880	19.89	21.00	1.291	-	-	-0.04	1.350	1.743
	LTE Band 25	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	ECI 6	26340	1880	19.92	21.00	1.282	-	-	0.01	1.960	2.513
	LTE Band 25	20M	QPSK	50	0	-	Top Side	0mm	Ant 1	ECI 6	26340	1880	19.89	21.00	1.291	-	-	0.16	1.500	1.937
	LTE Band 25 Main PA	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	ECI 6	26340	1880	19.92	21.00	1.282	-	-	-0.04	1.360	1.744
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 1	ECI 4	26340	1880	22.47	24.00	1.422	-	-	0.09	0.129	0.183
	LTE Band 25	20M	QPSK	1	0	-	Back	7mm	Ant 1	ECI 4	26340	1880	22.47	24.00	1.422	-	-	-0.13	0.147	0.209
	LTE Band 25	20M	QPSK	1	0	-	Top Side	9mm	Ant 1	ECI 4	26340	1880	22.47	24.00	1.422	-	-	-0.17	0.155	0.220
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 0	ECI 6	376500	1882.5	21.20	22.10	1.230	-	-	-0.18	2.050	2.522
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Front	0mm	Ant 0	ECI 6	376500	1882.5	21.12	22.10	1.253	-	-	0.06	2.160	2.707
	FR1 n25	40M	QPSK	216	0	DFT-SCS-15KHz	Front	0mm	Ant 0	ECI 6	376500	1882.5	20.93	22.10	1.309	-	-	0.18	1.980	2.592
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 0	ECI 6	376500	1882.5	21.20	22.10	1.230	-	-	-0.19	2.450	3.014
110	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Back	0mm	Ant 0	ECI 6	376500	1882.5	21.12	22.10	1.253	-	-	0.03	2.540	**3.183**
	FR1 n25	40M	QPSK	216	0	DFT-SCS-15KHz	Back	0mm	Ant 0	ECI 6	376500	1882.5	20.93	22.10	1.309	-	-	0.17	2.410	3.155
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	Ant 0	ECI 6	376500	1882.5	21.20	22.10	1.230	-	-	-0.16	1.600	1.968
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	0mm	Ant 0	ECI 6	376500	1882.5	21.12	22.10	1.253	-	-	-0.08	1.630	2.043
	FR1 n25	40M	QPSK	216	0	DFT-SCS-15KHz	Left Side	0mm	Ant 0	ECI 6	376500	1882.5	20.93	22.10	1.309	-	-	0.05	1.510	1.977
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	ECI 6	376500	1882.5	21.20	22.10	1.230	-	-	0.12	1.670	2.055
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	ECI 6	376500	1882.5	21.12	22.10	1.253	-	-	-0.17	1.760	2.206
	FR1 n25	40M	QPSK	216	0	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	ECI 6	376500	1882.5	20.93	22.10	1.309	-	-	-0.17	1.660	2.173
	FR1 n25 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Back	0mm	Ant 0	ECI 6	376500	1882.5	21.12	22.10	1.253	-	-	0.02	2.450	3.070
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Front	4mm	Ant 0	ECI 4	376500	1882.5	22.79	24.00	1.321	-	-	-0.07	0.863	1.140
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Back	13mm	Ant 0	ECI 4	376500	1882.5	22.79	24.00	1.321	-	-	0	0.316	0.418
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	7mm	Ant 0	ECI 4	376500	1882.5	22.79	24.00	1.321	-	-	-0.02	0.457	0.604
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	9mm	Ant 0	ECI 4	376500	1882.5	22.79	24.00	1.321	-	-	-0.16	0.625	0.826
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 1	ECI 6	376500	1882.5	19.68	20.60	1.236	-	-	-0.1	1.830	2.262
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Front	0mm	Ant 1	ECI 6	376500	1882.5	19.49	20.60	1.291	-	-	0.17	1.800	2.324
	FR1 n25	40M	QPSK	216	0	DFT-SCS-15KHz	Front	0mm	Ant 1	ECI 6	376500	1882.5	19.29	20.60	1.352	-	-	0.12	1.630	2.204
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 1	ECI 6	376500	1882.5	19.68	20.60	1.236	-	-	-0.11	1.050	1.298
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Back	0mm	Ant 1	ECI 6	376500	1882.5	19.49	20.60	1.291	-	-	-0.12	1.110	1.433
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 1	ECI 6	376500	1882.5	19.68	20.60	1.236	-	-	-0.1	1.940	2.398
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	0mm	Ant 1	ECI 6	376500	1882.5	19.49	20.60	1.291	-	-	0.16	1.960	2.531
	FR1 n25	40M	QPSK	216	0	DFT-SCS-15KHz	Top Side	0mm	Ant 1	ECI 6	376500	1882.5	19.29	20.60	1.352	-	-	-0.09	1.860	2.515
	FR1 n25 Other PA	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	0mm	Ant 1	ECI 6	376500	1882.5	19.49	20.60	1.291	-	-	0.01	1.860	2.402
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 1	ECI 4	376500	1882.5	22.56	24.00	1.393	-	-	-0.09	0.780	1.087
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Back	7mm	Ant 1	ECI 4	376500	1882.5	22.56	24.00	1.393	-	-	0.06	0.827	1.152
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	9mm	Ant 1	ECI 4	376500	1882.5	22.56	24.00	1.393	-	-	0.1	0.836	1.165
2300MHz																				
	LTE Band 30	10M	QPSK	1	0	-	Front	0mm	Ant 2	ECI 6	27710	2310	23.09	24.00	1.233	-	-	-0.18	2.240	2.762
	LTE Band 30	10M	QPSK	25	0	-	Front	0mm	Ant 2	ECI 6	27710	2310	22.09	23.00	1.233	-	-	0.06	1.710	2.109
	LTE Band 30	10M	QPSK	50	0	-	Front	0mm	Ant 2	ECI 6	27710	2310	22.04	23.00	1.247	-	-	0.15	1.650	2.058
	LTE Band 30	10M	QPSK	1	0	-	Back	0mm	Ant 2	ECI 6	27710	2310	23.09	24.00	1.233	-	-	-0.06	2.280	2.811

	LTE Band 30	10M	QPSK	25	0	-	Back	0mm	Ant 2	ECI 6	27710	2310	22.09	23.00	1.233	-	-	-0.15	1.750	2.158
	LTE Band 30	10M	QPSK	50	0	-	Back	0mm	Ant 2	ECI 6	27710	2310	22.04	23.00	1.247	-	-	-0.03	1.690	2.108
	LTE Band 30	10M	QPSK	1	0	-	Right Side	0mm	Ant 2	ECI 6	27710	2310	23.09	24.00	1.233	-	-	0.1	1.000	1.233
	LTE Band 30	10M	QPSK	25	0	-	Right Side	0mm	Ant 2	ECI 6	27710	2310	22.09	23.00	1.233	-	-	-0.05	0.777	0.958
111	LTE Band 30	10M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	ECI 6	27710	2310	23.09	24.00	1.233	-	-	-0.03	2.550	**3.144**
	LTE Band 30	10M	QPSK	25	0	-	Bottom Side	0mm	Ant 2	ECI 6	27710	2310	22.09	23.00	1.233	-	-	-0.03	2.000	2.466
	LTE Band 30	10M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	ECI 6	27710	2310	22.04	23.00	1.247	-	-	0.09	1.960	2.445
	LTE Band 30	10M	QPSK	1	0	-	Front	9mm	Ant 2	ECI 4	27710	2310	23.09	24.00	1.233	-	-	-0.02	0.249	0.307
	LTE Band 30	10M	QPSK	1	0	-	Back	12mm	Ant 2	ECI 4	27710	2310	23.09	24.00	1.233	-	-	0.08	0.204	0.252
	LTE Band 30	10M	QPSK	1	0	-	Right Side	11mm	Ant 2	ECI 4	27710	2310	23.09	24.00	1.233	-	-	0	0.117	0.144
	LTE Band 30	10M	QPSK	1	0	-	Bottom Side	10mm	Ant 2	ECI 4	27710	2310	23.09	24.00	1.233	-	-	-0.12	0.308	0.380
	LTE Band 30	10M	QPSK	1	0	-	Front	0mm	Ant 1	ECI 6	27710	2310	20.67	21.70	1.268	-	-	0	1.500	1.901
	LTE Band 30	10M	QPSK	25	0	-	Front	0mm	Ant 1	ECI 6	27710	2310	20.54	21.70	1.306	-	-	-0.02	1.220	1.594
	LTE Band 30	10M	QPSK	1	0	-	Back	0mm	Ant 1	ECI 6	27710	2310	20.67	21.70	1.268	-	-	-0.18	1.780	2.256
	LTE Band 30	10M	QPSK	25	0	-	Back	0mm	Ant 1	ECI 6	27710	2310	20.54	21.70	1.306	-	-	-0.07	1.260	1.646
	LTE Band 30	10M	QPSK	50	0	-	Back	0mm	Ant 1	ECI 6	27710	2310	20.39	21.70	1.352	-	-	-0.14	1.350	1.825
	LTE Band 30	10M	QPSK	1	0	-	Left Side	0mm	Ant 1	ECI 6	27710	2310	20.67	21.70	1.268	-	-	-0.07	0.887	1.124
	LTE Band 30	10M	QPSK	25	0	-	Left Side	0mm	Ant 1	ECI 6	27710	2310	20.54	21.70	1.306	-	-	0.1	0.705	0.921
	LTE Band 30	10M	QPSK	1	0	-	Top Side	0mm	Ant 1	ECI 6	27710	2310	20.67	21.70	1.268	-	-	0.03	1.900	2.409
	LTE Band 30	10M	QPSK	25	0	-	Top Side	0mm	Ant 1	ECI 6	27710	2310	20.54	21.70	1.306	-	-	0.18	1.600	2.090
	LTE Band 30	10M	QPSK	50	0	-	Top Side	0mm	Ant 1	ECI 6	27710	2310	20.39	21.70	1.352	-	-	0.12	1.530	2.069
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 1	ECI 4	27710	2310	22.62	24.00	1.374	-	-	0.02	0.246	0.338
	LTE Band 30	10M	QPSK	1	0	-	Back	7mm	Ant 1	ECI 4	27710	2310	22.62	24.00	1.374	-	-	0.04	0.275	0.378
	LTE Band 30	10M	QPSK	1	0	-	Left Side	2mm	Ant 1	ECI 4	27710	2310	22.62	24.00	1.374	-	-	-0.12	0.470	0.646
	LTE Band 30	10M	QPSK	1	0	-	Top Side	9mm	Ant 1	ECI 4	27710	2310	22.62	24.00	1.374	-	-	0.15	0.266	0.365
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 2	ECI 6	462000	2310	21.00	22.20	1.318	-	-	-0.03	1.820	2.399
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Front	0mm	Ant 2	ECI 6	462000	2310	20.84	22.20	1.368	-	-	-0.06	1.800	2.462
	FR1 n30	10M	QPSK	50	0	DFT-SCS-15KHz	Front	0mm	Ant 2	ECI 6	462000	2310	20.62	22.20	1.439	-	-	0.18	1.720	2.475
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 2	ECI 6	462000	2310	21.00	22.20	1.318	-	-	0.01	1.630	2.149
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Back	0mm	Ant 2	ECI 6	462000	2310	20.84	22.20	1.368	-	-	0.03	1.650	2.257
	FR1 n30	10M	QPSK	50	0	DFT-SCS-15KHz	Back	0mm	Ant 2	ECI 6	462000	2310	20.62	22.20	1.439	-	-	-0.01	1.560	2.245
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Right Side	0mm	Ant 2	ECI 6	462000	2310	21.00	22.20	1.318	-	-	-0.18	0.859	1.132
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Right Side	0mm	Ant 2	ECI 6	462000	2310	20.84	22.20	1.368	-	-	-0.05	0.816	1.116
112	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 2	ECI 6	462000	2310	21.00	22.20	1.318	-	-	-0.05	2.370	**3.124**
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Bottom Side	0mm	Ant 2	ECI 6	462000	2310	20.84	22.20	1.368	-	-	0.06	2.130	2.913
	FR1 n30	10M	QPSK	50	0	DFT-SCS-15KHz	Bottom Side	0mm	Ant 2	ECI 6	462000	2310	20.62	22.20	1.439	-	-	-0.13	2.040	2.935
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Front	9mm	Ant 2	ECI 4	462000	2310	23.41	24.00	1.146	-	-	-0.11	0.222	0.254
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Back	12mm	Ant 2	ECI 4	462000	2310	23.41	24.00	1.146	-	-	-0.05	0.159	0.182
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Right Side	11mm	Ant 2	ECI 4	462000	2310	23.41	24.00	1.146	-	-	-0.15	0.108	0.124
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	10mm	Ant 2	ECI 4	462000	2310	23.41	24.00	1.146	-	-	0.04	0.354	0.406
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 1	ECI 6	462000	2310	22.78	24.00	1.324	-	-	0.09	0.537	0.711
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Back	0mm	Ant 1	ECI 6	462000	2310	22.58	24.00	1.387	-	-	0.1	0.590	0.818
	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 1	ECI 6	462000	2310	22.78	24.00	1.324	-	-	0.12	1.400	1.854
	FR1 n30	10M	QPSK	25	14	DFT-SCS-15KHz	Top Side	0mm	Ant 1	ECI 6	462000	2310	22.58	24.00	1.387	-	-	0.02	1.560	2.163
2600MHz																				
	LTE Band 7	20M	QPSK	1	0	-	Front	0mm	Ant 2	ECI 6	21100	2535	22.75	23.10	1.084	-	-	0.03	1.760	1.908
	LTE Band 7	20M	QPSK	50	0	-	Front	0mm	Ant 2	ECI 6	21100	2535	22.11	23.00	1.227	-	-	-0.17	1.390	1.706
	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 2	ECI 6	21100	2535	22.75	23.10	1.084	-	-	0.03	1.910	2.070
	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 2	ECI 6	20850	2510	22.57	23.10	1.130	-	-	-0.08	2.070	2.339
	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 2	ECI 6	21350	2560	22.65	23.10	1.109	-	-	0.13	1.950	2.163
	LTE Band 7	20M	QPSK	50	0	-	Back	0mm	Ant 2	ECI 6	21100	2535	22.11	23.00	1.227	-	-	0.15	1.500	1.841
	LTE Band 7	20M	QPSK	100	0	-	Back	0mm	Ant 2	ECI 6	21100	2535	22.09	23.00	1.233	-	-	-0.19	1.430	1.763
	LTE Band 7	20M	QPSK	1	0	-	Right Side	0mm	Ant 2	ECI 6	21100	2535	22.75	23.10	1.084	-	-	-0.09	1.180	1.279
	LTE Band 7	20M	QPSK	50	0	-	Right Side	0mm	Ant 2	ECI 6	21100	2535	22.11	23.00	1.227	-	-	0.18	0.965	1.184
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	ECI 6	21100	2535	22.75	23.10	1.084	-	-	-0.1	2.420	2.623
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	ECI 6	20850	2510	22.57	23.10	1.130	-	-	0.14	2.300	2.599

113	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	ECI 6	21350	2560	22.65	23.10	1.109	-	-	-0.07	2.530	**2.806**
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	ECI 6	21100	2535	22.11	23.00	1.227	-	-	-0.14	1.850	2.271
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	ECI 6	20850	2510	21.94	23.00	1.276	-	-	0.03	1.820	2.323
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	ECI 6	21350	2560	22.08	23.00	1.236	-	-	0.04	2.070	2.558
	LTE Band 7	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 2	ECI 6	21100	2535	22.09	23.00	1.233	-	-	0.04	1.810	2.232
	LTE Band 7	20M	QPSK	1	0	-	Front	9mm	Ant 2	ECI 4	21100	2535	23.08	24.00	1.236	-	-	0.07	0.191	0.236
	LTE Band 7	20M	QPSK	1	0	-	Back	12mm	Ant 2	ECI 4	20850	2510	23.08	24.00	1.236	-	-	0.13	0.160	0.198
	LTE Band 7	20M	QPSK	1	0	-	Right Side	11mm	Ant 2	ECI 4	21100	2535	23.08	24.00	1.236	-	-	-0.15	0.110	0.136
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 2	ECI 4	21350	2560	23.08	24.00	1.236	-	-	-0.04	0.229	0.283
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 2	ECI 6	40620	2593	22.82	24.00	1.312	62.9	1.006	0	1.530	2.020
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 2	ECI 6	39750	2506	22.68	24.00	1.355	62.9	1.006	-0.14	1.480	2.018
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 2	ECI 6	40185	2549.5	22.69	24.00	1.352	62.9	1.006	0.18	1.180	1.605
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 2	ECI 6	41055	2636.5	22.72	24.00	1.343	62.9	1.006	-0.12	1.630	2.202
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 2	ECI 6	41490	2680	22.58	24.00	1.387	62.9	1.006	0.03	1.470	2.051
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 2	ECI 6	40620	2593	21.81	23.00	1.315	62.9	1.006	0.07	1.010	1.336
	LTE Band 41	20M	QPSK	100	0	-	Back	0mm	Ant 2	ECI 6	40620	2593	21.81	23.00	1.315	62.9	1.006	-0.15	1.100	1.455
	LTE Band 41	20M	QPSK	1	0	-	Right Side	0mm	Ant 2	ECI 6	40620	2593	22.82	24.00	1.312	62.9	1.006	0.06	0.982	1.296
	LTE Band 41	20M	QPSK	50	0	-	Right Side	0mm	Ant 2	ECI 6	40620	2593	21.81	23.00	1.315	62.9	1.006	0.09	0.794	1.051
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	ECI 6	40620	2593	22.82	24.00	1.312	62.9	1.006	0.11	1.590	2.099
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	ECI 6	39750	2506	22.68	24.00	1.355	62.9	1.006	-0.16	1.640	2.236
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	ECI 6	40185	2549.5	22.69	24.00	1.352	62.9	1.006	0	1.530	2.081
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	ECI 6	41055	2636.5	22.72	24.00	1.343	62.9	1.006	0.03	1.760	2.377
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	ECI 6	41490	2680	22.58	24.00	1.387	62.9	1.006	-0.17	1.770	2.469
	LTE Band 41C	20M	QPSK	1	99	-	Bottom Side	0mm	Ant 2	ECI 6	41490+ 41292	2680+ 2660.2	22.76	24.00	1.330	62.9	1.006	0.02	1.680	2.249
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	ECI 6	40620	2593	21.81	23.00	1.315	62.9	1.006	-0.03	1.040	1.376
	LTE Band 41	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 2	ECI 6	40620	2593	21.81	23.00	1.315	62.9	1.006	-0.15	0.991	1.311
114	LTE Band 41 HPUE	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	ECI 6	41490	2680	25.56	27.00	1.393	42.9	1.009	-0.07	2.220	**3.121**
	LTE Band 41C HPUE	20M	QPSK	1	99	-	Bottom Side	0mm	Ant 2	ECI 6	41490+ 41292	2680+ 2660.2	25.60	27.00	1.380	42.9	1.009	-0.04	2.010	2.800
	LTE Band 41 HPUE Other PA	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	ECI 6	41490	2680	25.41	27.00	1.442	42.9	1.009	0.15	2.070	3.012
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 1	ECI 6	40620	2593	23.21	24.00	1.199	62.9	1.006	0.09	1.170	1.412
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 1	ECI 6	40620	2593	22.18	23.00	1.208	62.9	1.006	-0.14	0.994	1.208
	LTE Band 41	20M	QPSK	1	0	-	Left Side	0mm	Ant 1	ECI 6	40620	2593	23.21	24.00	1.199	62.9	1.006	-0.07	0.969	1.169
	LTE Band 41	20M	QPSK	50	0	-	Left Side	0mm	Ant 1	ECI 6	40620	2593	22.18	23.00	1.208	62.9	1.006	-0.19	0.757	0.920
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	ECI 6	40620	2593	23.21	24.00	1.199	62.9	1.006	0.11	1.350	1.629
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	ECI 6	39750	2506	23.34	24.00	1.164	62.9	1.006	-0.08	1.600	1.874
	LTE Band 41C	20M	QPSK	1	99	-	Top Side	0mm	Ant 1	ECI 6	39750+ 39948	2506+ 2525.8	23.01	24.00	1.256	62.9	1.006	0.02	1.420	1.794
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	ECI 6	40185	2549.5	23.42	24.00	1.143	62.9	1.006	-0.1	1.470	1.690
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	ECI 6	41055	2636.5	23.34	24.00	1.164	62.9	1.006	0.17	1.080	1.265
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	ECI 6	41490	2680	23.15	24.00	1.216	62.9	1.006	-0.12	1.040	1.272
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 1	ECI 6	40620	2593	22.18	23.00	1.208	62.9	1.006	-0.03	1.050	1.276
	LTE Band 41	20M	QPSK	100	0	-	Top Side	0mm	Ant 1	ECI 6	40620	2593	22.18	23.00	1.208	62.9	1.006	-0.05	1.020	1.239
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	ECI 6	39750	2506	26.17	27.00	1.211	42.9	1.009	0.13	1.890	2.309
	LTE Band 41C HPUE	20M	QPSK	1	99	-	Top Side	0mm	Ant 1	ECI 6	39750+ 39948	2506+ 2525.8	25.24	26.00	1.191	42.9	1.009	-0.05	1.820	2.188
	LTE Band 41 HPUE Main PA	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	ECI 6	39750	2506	25.21	26.00	1.199	42.9	1.009	0.03	1.650	1.997
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 0	ECI 6	40620	2593	23.05	24.00	1.245	62.9	1.006	0.13	1.150	1.440
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 0	ECI 6	40620	2593	22.05	23.00	1.245	62.9	1.006	-0.16	1.130	1.415
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	ECI 6	40620	2593	23.05	24.00	1.245	62.9	1.006	0.18	2.110	2.642
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	ECI 6	39750	2506	23.08	24.00	1.236	62.9	1.006	0.12	1.630	2.027
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	ECI 6	40185	2549.5	23.02	24.00	1.253	62.9	1.006	0.19	1.790	2.257
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	ECI 6	41055	2636.5	23.16	24.00	1.213	62.9	1.006	-0.09	2.400	2.930
	LTE Band 41C	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	ECI 6	41055+ 41253	2636.5+ 2656.3	22.92	24.00	1.282	62.9	1.006	-0.09	2.240	2.890
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	ECI 6	41490	2680	23.02	24.00	1.253	62.9	1.006	-0.1	1.990	2.509
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	ECI 6	40620	2593	22.05	23.00	1.245	62.9	1.006	0.06	1.660	2.078

	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	ECI 6	39750	2506	22.05	23.00	1.245	62.9	1.006	0.18	1.310	1.640
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	ECI 6	40185	2549.5	22.03	23.00	1.250	62.9	1.006	-0.03	1.420	1.786
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	ECI 6	41055	2636.5	22.20	23.00	1.202	62.9	1.006	-0.17	1.900	2.298
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	ECI 6	41490	2680	22.11	23.00	1.227	62.9	1.006	0.14	1.550	1.914
	LTE Band 41	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 0	ECI 6	40620	2593	22.03	23.00	1.250	62.9	1.006	-0.13	1.650	2.075
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	ECI 6	41055	2636.5	24.61	26.00	1.377	42.9	1.009	-0.1	2.170	3.015
	LTE Band 41C HPUE	20M	QPSK	1	99	-	Bottom Side	0mm	Ant 0	ECI 6	41055+ 41253	2636.5+ 2656.3	24.64	26.00	1.368	42.9	1.009	0.04	2.080	2.870
	LTE Band 41 HPUE Other PA	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	ECI 6	41055	2636.5	24.80	26.00	1.318	42.9	1.009	0.02	1.920	2.554
	LTE Band 41 Main PA	20M	QPSK	1	0	-	Back	0mm	Ant 10	ECI 6	40620	2593	23.21	24.00	1.199	62.9	1.006	-0.04	1.130	1.364
	LTE Band 41C	20M	QPSK	1	99	-	Back	0mm	Ant 10	ECI 6	40620+ 40818	2593+ 2612.8	23.36	24.00	1.159	62.9	1.006	0.04	0.996	1.161
	LTE Band 41 Main PA	20M	QPSK	50	0	-	Back	0mm	Ant 10	ECI 6	40620	2593	22.17	23.00	1.211	62.9	1.006	-0.09	0.891	1.085
	LTE Band 41 HPUE Main PA	20M	QPSK	1	0	-	Back	0mm	Ant 10	ECI 6	40620	2593	24.11	25.00	1.227	42.9	1.009	0.12	0.897	1.111
	LTE Band 41C HPUE	20M	QPSK	1	99	-	Back	0mm	Ant 10	ECI 6	40620+ 40818	2593+ 2612.8	24.27	25.00	1.183	42.9	1.009	0.12	0.864	1.031
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 10	ECI 6	40620	2593	23.21	24.00	1.199	62.9	1.006	0.05	0.997	1.203
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 2	ECI 6	507000	2535	21.88	23.10	1.324	-	-	-0.03	1.640	2.172
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	0mm	Ant 2	ECI 6	507000	2535	21.74	23.10	1.368	-	-	0.12	1.560	2.134
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Front	0mm	Ant 2	ECI 6	507000	2535	21.53	23.10	1.435	-	-	0.09	1.510	2.168
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 2	ECI 6	507000	2535	21.88	23.10	1.324	-	-	0.15	1.440	1.907
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	0mm	Ant 2	ECI 6	507000	2535	21.74	23.10	1.368	-	-	-0.13	1.640	2.243
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Back	0mm	Ant 2	ECI 6	507000	2535	21.53	23.10	1.435	-	-	0.1	1.360	1.952
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Side	0mm	Ant 2	ECI 6	507000	2535	21.88	23.10	1.324	-	-	0.06	1.020	1.351
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Side	0mm	Ant 2	ECI 6	507000	2535	21.74	23.10	1.368	-	-	0.16	1.120	1.532
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 2	ECI 6	507000	2535	21.88	23.10	1.324	-	-	0.11	2.070	2.741
115	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Bottom Side	0mm	Ant 2	ECI 6	507000	2535	21.74	23.10	1.368	-	-	-0.08	2.330	**3.187**
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Bottom Side	0mm	Ant 2	ECI 6	507000	2535	21.53	23.10	1.435	-	-	0.11	0.928	1.332
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	9mm	Ant 2	ECI 4	507000	2535	22.81	24.00	1.315	-	-	-0.01	0.130	0.171
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	12mm	Ant 2	ECI 4	507000	2535	22.81	24.00	1.315	-	-	0.02	0.101	0.133
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Side	11mm	Ant 2	ECI 4	507000	2535	22.81	24.00	1.315	-	-	-0.07	0.079	0.104
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Bottom Side	10mm	Ant 2	ECI 4	507000	2535	22.81	24.00	1.315	-	-	0.15	0.158	0.208
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 2	ECI 6	518598	2592.99	22.32	23.50	1.312	-	-	-0.17	2.180	2.861
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 2	ECI 6	518598	2592.99	22.22	23.50	1.343	-	-	0.12	1.800	2.417
	FR1 n41 HPUE	100M	QPSK	270	0	DFT-SCS-30KHz	Front	0mm	Ant 2	ECI 6	518598	2592.99	21.93	23.50	1.435	-	-	-0.1	1.670	2.397
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 2	ECI 6	518598	2592.99	22.32	23.50	1.312	-	-	-0.09	1.840	2.414
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 2	ECI 6	518598	2592.99	22.22	23.50	1.343	-	-	-0.17	1.510	2.028
	FR1 n41 HPUE	100M	QPSK	270	0	DFT-SCS-30KHz	Back	0mm	Ant 2	ECI 6	518598	2592.99	21.93	23.50	1.435	-	-	0.15	1.450	2.081
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 2	ECI 6	518598	2592.99	22.32	23.50	1.312	-	-	0.19	1.310	1.719
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	Ant 2	ECI 6	518598	2592.99	22.22	23.50	1.343	-	-	-0.09	1.270	1.705
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	518598	2592.99	22.32	23.50	1.312	-	-	-0.01	2.360	3.097
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	518598	2592.99	22.22	23.50	1.343	-	-	-0.06	2.020	2.712
	FR1 n41 HPUE	100M	QPSK	270	0	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	518598	2592.99	21.93	23.50	1.435	-	-	-0.11	1.910	2.742
	FR1 n41 Other PA	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	518598	2592.99	22.32	23.50	1.312	-	-	-0.06	2.210	2.900
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	9mm	Ant 2	ECI 4	518598	2592.99	26.22	27.00	1.197	-	-	0.04	0.382	0.457
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	12mm	Ant 2	ECI 4	518598	2592.99	26.22	27.00	1.197	-	-	0.14	0.293	0.351
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	11mm	Ant 2	ECI 4	518598	2592.99	26.22	27.00	1.197	-	-	-0.11	0.245	0.293
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	10mm	Ant 2	ECI 4	518598	2592.99	26.22	27.00	1.197	-	-	-0.02	0.375	0.449
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 1	ECI 6	518598	2592.99	20.42	21.50	1.282	-	-	-0.17	1.390	1.782
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 1	ECI 6	518598	2592.99	20.27	21.50	1.327	-	-	-0.13	1.310	1.739
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 1	ECI 6	518598	2592.99	20.42	21.50	1.282	-	-	-0.02	0.710	0.910
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 1	ECI 6	518598	2592.99	20.27	21.50	1.327	-	-	-0.03	0.722	0.958
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 1	ECI 6	518598	2592.99	20.42	21.50	1.282	-	-	-0.17	1.310	1.680
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 1	ECI 6	518598	2592.99	20.27	21.50	1.327	-	-	0.15	1.330	1.765
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 1	ECI 6	518598	2592.99	20.42	21.50	1.282	-	-	-0.17	1.850	2.372
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 1	ECI 6	518598	2592.99	20.27	21.50	1.327	-	-	0.05	1.890	2.509

	FR1 n41 HPUE	100M	QPSK	270	0	DFT-SCS-30KHz	Top Side	0mm	Ant 1	ECI 6	518598	2592.99	20.14	21.50	1.368	-	-	0.11	1.690	2.311
	FR1 n41 HPUE Other PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 1	ECI 6	518598	2592.99	20.27	21.50	1.327	-	-	0.06	1.770	2.349
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 1	ECI 4	518598	2592.99	25.31	26.00	1.172	-	-	0.06	1.070	1.254
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	7mm	Ant 1	ECI 4	518598	2592.99	25.13	26.00	1.222	-	-	0.05	0.982	1.200
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	2mm	Ant 1	ECI 4	518598	2592.99	25.13	26.00	1.222	-	-	-0.04	1.710	2.089
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	9mm	Ant 1	ECI 4	518598	2592.99	25.13	26.00	1.222	-	-	0	0.818	0.999
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 0	ECI 6	518598	2592.99	19.74	20.80	1.276	-	-	-0.07	1.790	2.285
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 0	ECI 6	518598	2592.99	19.61	20.80	1.315	-	-	-0.03	1.740	2.288
	FR1 n41 HPUE	100M	QPSK	270	0	DFT-SCS-30KHz	Back	0mm	Ant 0	ECI 6	518598	2592.99	19.38	20.80	1.387	-	-	0.09	1.640	2.274
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	0mm	Ant 0	ECI 6	518598	2592.99	19.74	20.80	1.276	-	-	-0.14	2.100	2.681
116	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	0mm	Ant 0	ECI 6	518598	2592.99	19.61	20.80	1.315	-	-	0.02	2.430	**3.196**
	FR1 n41 HPUE	100M	QPSK	270	0	DFT-SCS-30KHz	Bottom Side	0mm	Ant 0	ECI 6	518598	2592.99	19.38	20.80	1.387	-	-	-0.02	1.980	2.746
	FR1 n41 HPUE Other PA	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	0mm	Ant 0	ECI 6	518598	2592.99	19.61	20.80	1.315	-	-	-0.07	2.260	2.972
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	13mm	Ant 0	ECI 4	518598	2592.99	24.63	26.00	1.371	-	-	0	0.365	0.500
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	9mm	Ant 0	ECI 4	518598	2592.99	24.63	26.00	1.371	-	-	-0.13	0.416	0.570
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 10	ECI 6	518598	2592.99	23.52	23.70	1.042	-	-	0.18	1.740	1.814
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 10	ECI 6	518598	2592.99	23.45	23.70	1.059	-	-	0.19	1.900	2.013
	FR1 n41 HPUE	100M	QPSK	270	0	DFT-SCS-30KHz	Back	0mm	Ant 10	ECI 6	518598	2592.99	23.36	23.70	1.081	-	-	0.07	1.690	1.828
	FR1 n41 HPUE Main PA	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 10	ECI 6	518598	2592.99	23.38	23.70	1.076	-	-	0.05	1.810	1.948
3500MHz																				
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	0mm	Ant 4	ECI 6	42590	3500	20.78	21.70	1.236	62.9	1.006	-0.12	0.599	0.745
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	0mm	Ant 4	ECI 6	42590	3500	20.74	21.70	1.247	62.9	1.006	-0.1	0.481	0.604
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	0mm	Ant 4	ECI 6	42590	3500	20.78	21.70	1.236	62.9	1.006	-0.15	0.509	0.633
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	0mm	Ant 4	ECI 6	42590	3500	20.74	21.70	1.247	62.9	1.006	0.09	0.408	0.512
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Side	0mm	Ant 4	ECI 6	42590	3500	20.78	21.70	1.236	62.9	1.006	-0.02	1.630	2.027
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Side	0mm	Ant 4	ECI 6	42190	3460	20.68	21.70	1.265	62.9	1.006	-0.02	1.330	1.692
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Side	0mm	Ant 4	ECI 6	42990	3540	20.74	21.70	1.247	62.9	1.006	-0.09	1.910	2.397
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Side	0mm	Ant 4	ECI 6	42590	3500	20.74	21.70	1.247	62.9	1.006	-0.03	1.310	1.644
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Side	0mm	Ant 4	ECI 6	42190	3460	20.59	21.70	1.291	62.9	1.006	0.08	1.090	1.416
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Side	0mm	Ant 4	ECI 6	42990	3540	20.64	21.70	1.276	62.9	1.006	-0.05	1.510	1.939
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Left Side	0mm	Ant 4	ECI 6	42590	3500	20.56	21.70	1.300	62.9	1.006	-0.04	1.280	1.674
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	1mm	Ant 4	ECI 4	42590	3500	22.89	24.00	1.291	62.9	1.006	-0.1	1.550	2.013
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	6mm	Ant 4	ECI 4	42590	3500	22.89	24.00	1.291	62.9	1.006	-0.1	1.180	1.533
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Side	8mm	Ant 4	ECI 4	42990	3540	22.89	24.00	1.291	62.9	1.006	-0.16	1.260	1.637
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	0mm	Ant 7	ECI 6	42590	3500	20.67	21.50	1.211	62.9	1.006	0.1	1.700	2.070
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	0mm	Ant 7	ECI 6	42190	3460	20.55	21.50	1.245	62.9	1.006	-0.08	1.750	2.191
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	0mm	Ant 7	ECI 6	42990	3540	20.50	21.50	1.259	62.9	1.006	0.01	1.510	1.912
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Top Side	0mm	Ant 7	ECI 6	42590	3500	19.65	20.50	1.216	62.9	1.006	0.12	1.160	1.419
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Top Side	0mm	Ant 7	ECI 6	42590	3500	19.64	20.50	1.219	62.9	1.006	-0.13	1.230	1.508
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	0mm	Ant 2	ECI 6	42590	3500	23.15	24.00	1.216	62.9	1.006	0.1	1.920	2.349
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	0mm	Ant 2	ECI 6	42190	3460	23.09	24.00	1.233	62.9	1.006	0.13	1.870	2.320
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	0mm	Ant 2	ECI 6	42990	3540	23.00	24.00	1.259	62.9	1.006	-0.09	1.870	2.368
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	0mm	Ant 2	ECI 6	42590	3500	22.19	23.00	1.205	62.9	1.006	-0.06	1.220	1.479
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Front	0mm	Ant 2	ECI 6	42590	3500	22.10	23.00	1.230	62.9	1.006	0.14	1.210	1.498
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	0mm	Ant 2	ECI 6	42590	3500	23.15	24.00	1.216	62.9	1.006	0.14	1.010	1.236
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	0mm	Ant 2	ECI 6	42590	3500	22.19	23.00	1.205	62.9	1.006	-0.03	0.638	0.773
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	0mm	Ant 2	ECI 6	42590	3500	23.15	24.00	1.216	62.9	1.006	-0.12	2.260	2.765

117	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	0mm	Ant 2	ECI 6	42190	3460	23.09	24.00	1.233	62.9	1.006	-0.07	2.380	**2.952**
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	0mm	Ant 2	ECI 6	42990	3540	23.00	24.00	1.259	62.9	1.006	-0.09	0.704	0.892
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Side	0mm	Ant 2	ECI 6	42590	3500	22.19	23.00	1.205	62.9	1.006	-0.18	1.830	2.218
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Side	0mm	Ant 2	ECI 6	42190	3460	21.98	23.00	1.265	62.9	1.006	-0.07	1.840	2.341
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Side	0mm	Ant 2	ECI 6	42990	3540	22.11	23.00	1.227	62.9	1.006	0.04	0.564	0.696
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Right Side	0mm	Ant 2	ECI 6	42590	3500	22.10	23.00	1.230	62.9	1.006	-0.05	1.700	2.104
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	0mm	Ant 6	ECI 6	42590	3500	21.92	23.00	1.282	62.9	1.006	-0.09	0.503	0.649
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	0mm	Ant 6	ECI 6	42590	3500	20.98	22.00	1.265	62.9	1.006	0.17	0.383	0.487
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	0mm	Ant 6	ECI 6	42590	3500	21.92	23.00	1.282	62.9	1.006	0.13	1.440	1.858
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	0mm	Ant 6	ECI 6	42190	3460	21.82	23.00	1.312	62.9	1.006	-0.16	1.570	2.073
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	0mm	Ant 6	ECI 6	42990	3540	21.78	23.00	1.324	62.9	1.006	0.08	1.240	1.652
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Side	0mm	Ant 6	ECI 6	42590	3500	20.98	22.00	1.265	62.9	1.006	-0.09	1.140	1.450
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Right Side	0mm	Ant 6	ECI 6	42590	3500	20.84	22.00	1.306	62.9	1.006	0.04	1.120	1.472
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 4	ECI 6	55830	3609	20.58	21.70	1.294	62.9	1.006	0.05	1.740	2.265
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 4	ECI 6	55340	3560	20.46	21.70	1.330	62.9	1.006	0.02	1.660	2.222
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 4	ECI 6	56150	3641	20.56	21.70	1.300	62.9	1.006	0.03	1.610	2.106
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 4	ECI 6	56640	3690	20.46	21.70	1.330	62.9	1.006	0.13	1.440	1.927
	LTE Band 48	20M	QPSK	50	0	-	Front	0mm	Ant 4	ECI 6	55830	3609	20.51	21.70	1.315	62.9	1.006	0.16	1.380	1.826
	LTE Band 48	20M	QPSK	50	0	-	Front	0mm	Ant 4	ECI 6	55340	3560	20.38	21.70	1.355	62.9	1.006	-0.11	1.360	1.854
	LTE Band 48	20M	QPSK	50	0	-	Front	0mm	Ant 4	ECI 6	56150	3641	20.44	21.70	1.337	62.9	1.006	-0.13	1.290	1.735
	LTE Band 48	20M	QPSK	50	0	-	Front	0mm	Ant 4	ECI 6	56640	3690	20.38	21.70	1.355	62.9	1.006	0.08	1.080	1.472
	LTE Band 48	20M	QPSK	100	0	-	Front	0mm	Ant 4	ECI 6	55830	3609	20.30	21.70	1.380	62.9	1.006	0.12	1.350	1.875
	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 4	ECI 6	55830	3609	20.58	21.70	1.294	62.9	1.006	-0.07	1.580	2.057
	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 4	ECI 6	55340	3560	20.46	21.70	1.330	62.9	1.006	0.13	1.430	1.914
	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 4	ECI 6	56150	3641	20.56	21.70	1.300	62.9	1.006	0.11	1.560	2.040
	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 4	ECI 6	56640	3690	20.46	21.70	1.330	62.9	1.006	-0.04	1.420	1.901
	LTE Band 48	20M	QPSK	50	0	-	Back	0mm	Ant 4	ECI 6	55830	3609	20.51	21.70	1.315	62.9	1.006	0.03	1.280	1.694
	LTE Band 48	20M	QPSK	50	0	-	Back	0mm	Ant 4	ECI 6	55340	3560	20.38	21.70	1.355	62.9	1.006	-0.05	1.170	1.595
	LTE Band 48	20M	QPSK	50	0	-	Back	0mm	Ant 4	ECI 6	56150	3641	20.44	21.70	1.337	62.9	1.006	0.01	1.250	1.681
	LTE Band 48	20M	QPSK	50	0	-	Back	0mm	Ant 4	ECI 6	56640	3690	20.38	21.70	1.355	62.9	1.006	-0.01	1.130	1.541
	LTE Band 48	20M	QPSK	100	0	-	Back	0mm	Ant 4	ECI 6	55830	3609	20.30	21.70	1.380	62.9	1.006	0.03	1.220	1.694
	LTE Band 48	20M	QPSK	1	0	-	Left Side	0mm	Ant 4	ECI 6	55830	3609	20.58	21.70	1.294	62.9	1.006	0.02	1.900	2.474
	LTE Band 48C	20M	QPSK	1	99	-	Left Side	0mm	Ant 4	ECI 6	55830+ 56028	3609+ 3628.8	20.28	21.70	1.387	62.9	1.006	0.02	1.720	2.400
	LTE Band 48	20M	QPSK	1	0	-	Left Side	0mm	Ant 4	ECI 6	55340	3560	20.46	21.70	1.330	62.9	1.006	-0.07	1.810	2.423
	LTE Band 48	20M	QPSK	1	0	-	Left Side	0mm	Ant 4	ECI 6	56150	3641	20.56	21.70	1.300	62.9	1.006	-0.09	1.710	2.237
	LTE Band 48	20M	QPSK	1	0	-	Left Side	0mm	Ant 4	ECI 6	56640	3690	20.46	21.70	1.330	62.9	1.006	0.14	1.840	2.463
	LTE Band 48	20M	QPSK	50	0	-	Left Side	0mm	Ant 4	ECI 6	55830	3609	20.51	21.70	1.315	62.9	1.006	-0.09	1.730	2.289
	LTE Band 48	20M	QPSK	50	0	-	Left Side	0mm	Ant 4	ECI 6	55340	3560	20.38	21.70	1.355	62.9	1.006	-0.13	1.500	2.045
	LTE Band 48	20M	QPSK	50	0	-	Left Side	0mm	Ant 4	ECI 6	56150	3641	20.44	21.70	1.337	62.9	1.006	-0.13	1.390	1.869
	LTE Band 48	20M	QPSK	50	0	-	Left Side	0mm	Ant 4	ECI 6	56640	3690	20.38	21.70	1.355	62.9	1.006	-0.1	1.480	2.018
	LTE Band 48	20M	QPSK	100	0	-	Left Side	0mm	Ant 4	ECI 6	55830	3609	20.30	21.70	1.380	62.9	1.006	-0.12	1.370	1.902
	LTE Band 48	20M	QPSK	1	0	-	Front	1mm	Ant 4	ECI 4	55830	3609	23.33	24.00	1.167	62.9	1.006	0.01	0.959	1.126
	LTE Band 48	20M	QPSK	1	0	-	Back	6mm	Ant 4	ECI 4	55830	3609	23.33	24.00	1.167	62.9	1.006	0.18	0.752	0.883
	LTE Band 48	20M	QPSK	1	0	-	Left Side	8mm	Ant 4	ECI 4	55830	3609	23.33	24.00	1.167	62.9	1.006	-0.04	0.909	1.067
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 7	ECI 6	55830	3609	20.43	21.60	1.309	62.9	1.006	0.07	1.600	2.107
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 7	ECI 6	55340	3560	20.57	21.60	1.268	62.9	1.006	0.11	1.810	2.308
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 7	ECI 6	56150	3641	20.53	21.60	1.279	62.9	1.006	-0.04	1.520	1.956
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 7	ECI 6	56640	3690	20.39	21.60	1.321	62.9	1.006	0.1	1.380	1.834
	LTE Band 48	20M	QPSK	50	0	-	Front	0mm	Ant 7	ECI 6	55830	3609	19.72	21.00	1.343	62.9	1.006	-0.12	1.290	1.743
	LTE Band 48	20M	QPSK	50	0	-	Front	0mm	Ant 7	ECI 6	55340	3560	19.83	21.00	1.309	62.9	1.006	0.17	1.460	1.923
	LTE Band 48	20M	QPSK	50	0	-	Front	0mm	Ant 7	ECI 6	56150	3641	19.61	21.00	1.377	62.9	1.006	-0.07	1.240	1.718
	LTE Band 48	20M	QPSK	50	0	-	Front	0mm	Ant 7	ECI 6	56640	3690	19.78	21.00	1.324	62.9	1.006	-0.16	1.210	1.612

	LTE Band 48	20M	QPSK	100	0	-	Front	0mm	Ant 7	ECI 6	55830	3609	19.66	21.00	1.361	62.9	1.006	-0.08	1.270	1.739
	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 7	ECI 6	55830	3609	20.43	21.60	1.309	62.9	1.006	0.06	0.575	0.757
	LTE Band 48	20M	QPSK	50	0	-	Back	0mm	Ant 7	ECI 6	55830	3609	19.72	21.00	1.343	62.9	1.006	-0.13	0.633	0.855
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 7	ECI 6	55830	3609	20.43	21.60	1.309	62.9	1.006	0.14	1.680	2.213
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 7	ECI 6	55340	3560	20.57	21.60	1.268	62.9	1.006	-0.13	1.670	2.130
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 7	ECI 6	56150	3641	20.53	21.60	1.279	62.9	1.006	-0.02	1.650	2.124
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 7	ECI 6	56640	3690	20.39	21.60	1.321	62.9	1.006	-0.08	1.920	2.552
	LTE Band 48C	20M	QPSK	1	99	-	Top Side	0mm	Ant 7	ECI 6	56640+ 56442	3690+ 3670.2	20.63	21.60	1.250	62.9	1.006	0.02	1.850	2.327
	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 7	ECI 6	55830	3609	19.72	21.00	1.343	62.9	1.006	0.19	1.370	1.851
	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 7	ECI 6	55340	3560	19.83	21.00	1.309	62.9	1.006	-0.03	1.340	1.765
	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 7	ECI 6	56150	3641	19.61	21.00	1.377	62.9	1.006	0.1	1.470	2.037
	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 7	ECI 6	56640	3690	19.78	21.00	1.324	62.9	1.006	0.08	1.740	2.318
	LTE Band 48	20M	QPSK	100	0	-	Top Side	0mm	Ant 7	ECI 6	55830	3609	19.66	21.00	1.361	62.9	1.006	-0.11	1.520	2.082
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 2	ECI 6	55830	3609	22.54	23.70	1.306	62.9	1.006	0.17	0.757	0.995
	LTE Band 48	20M	QPSK	50	0	-	Front	0mm	Ant 2	ECI 6	55830	3609	22.51	23.00	1.119	62.9	1.006	-0.09	0.702	0.791
	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 2	ECI 6	55830	3609	22.54	23.70	1.306	62.9	1.006	-0.12	1.380	1.813
	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 2	ECI 6	55340	3560	22.63	23.70	1.279	62.9	1.006	0.16	1.570	2.021
	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 2	ECI 6	56150	3641	22.42	23.70	1.343	62.9	1.006	-0.15	1.300	1.756
	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 2	ECI 6	56640	3690	22.41	23.70	1.346	62.9	1.006	0.11	0.900	1.219
	LTE Band 48	20M	QPSK	50	0	-	Back	0mm	Ant 2	ECI 6	55830	3609	22.51	23.00	1.119	62.9	1.006	0.09	1.200	1.351
	LTE Band 48	20M	QPSK	100	0	-	Back	0mm	Ant 2	ECI 6	55830	3609	22.18	23.00	1.208	62.9	1.006	-0.13	1.180	1.434
	LTE Band 48	20M	QPSK	1	0	-	Right Side	0mm	Ant 2	ECI 6	55830	3609	22.54	23.70	1.306	62.9	1.006	0	0.652	0.857
	LTE Band 48	20M	QPSK	50	0	-	Right Side	0mm	Ant 2	ECI 6	55830	3609	22.51	23.00	1.119	62.9	1.006	-0.06	0.578	0.651
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	ECI 6	55830	3609	22.54	23.70	1.306	62.9	1.006	-0.16	2.210	2.904
118	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	ECI 6	55340	3560	22.63	23.70	1.279	62.9	1.006	-0.06	2.410	**3.102**
	LTE Band 48C	20M	QPSK	1	99	-	Bottom Side	0mm	Ant 2	ECI 6	55340+ 55538	3560+ 3579.8	22.36	23.70	1.361	62.9	1.006	0.02	2.100	2.876
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	ECI 6	56150	3641	22.42	23.70	1.343	62.9	1.006	-0.1	2.020	2.729
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	ECI 6	56640	3690	22.41	23.70	1.346	62.9	1.006	-0.16	1.350	1.828
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	ECI 6	55830	3609	22.51	23.00	1.119	62.9	1.006	0.13	1.800	2.027
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	ECI 6	55340	3560	22.52	23.00	1.117	62.9	1.006	-0.11	1.960	2.202
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	ECI 6	56150	3641	22.44	23.00	1.138	62.9	1.006	0.1	1.650	1.888
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	ECI 6	56640	3690	22.39	23.00	1.151	62.9	1.006	0.18	1.100	1.273
	LTE Band 48	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 2	ECI 6	55830	3609	22.18	23.00	1.208	62.9	1.006	0.11	1.770	2.151
	LTE Band 48	20M	QPSK	1	0	-	Front	9mm	Ant 2	ECI 4	55830	3609	23.84	24.00	1.038	62.9	1.006	-0.01	0.172	0.180
	LTE Band 48	20M	QPSK	1	0	-	Back	12mm	Ant 2	ECI 4	55340	3560	23.84	24.00	1.038	62.9	1.006	0.07	0.097	0.101
	LTE Band 48	20M	QPSK	1	0	-	Right Side	11mm	Ant 2	ECI 4	55830	3609	23.84	24.00	1.038	62.9	1.006	-0.08	0.068	0.071
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 2	ECI 4	55340	3560	23.84	24.00	1.038	62.9	1.006	-0.16	0.210	0.219
	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 6	ECI 6	55830	3609	21.70	23.00	1.349	62.9	1.006	0.13	0.451	0.612
	LTE Band 48	20M	QPSK	50	0	-	Back	0mm	Ant 6	ECI 6	55830	3609	20.82	22.00	1.312	62.9	1.006	-0.08	0.362	0.478
	LTE Band 48	20M	QPSK	1	0	-	Right Side	0mm	Ant 6	ECI 6	55830	3609	21.70	23.00	1.349	62.9	1.006	-0.11	1.330	1.805
	LTE Band 48C	20M	QPSK	1	99	-	Right Side	0mm	Ant 6	ECI 6	55830+ 56028	3609+ 3628.8	21.56	23.00	1.393	62.9	1.006	0.05	1.260	1.766
	LTE Band 48	20M	QPSK	1	0	-	Right Side	0mm	Ant 6	ECI 6	55340	3560	21.56	23.00	1.393	62.9	1.006	-0.07	1.280	1.794
	LTE Band 48	20M	QPSK	1	0	-	Right Side	0mm	Ant 6	ECI 6	56150	3641	21.72	23.00	1.343	62.9	1.006	0.05	1.300	1.756
	LTE Band 48	20M	QPSK	1	0	-	Right Side	0mm	Ant 6	ECI 6	56640	3690	21.64	23.00	1.368	62.9	1.006	0.06	1.260	1.734
	LTE Band 48	20M	QPSK	50	0	-	Right Side	0mm	Ant 6	ECI 6	55830	3609	20.82	22.00	1.312	62.9	1.006	-0.02	0.862	1.138
	LTE Band 48	20M	QPSK	100	0	-	Right Side	0mm	Ant 6	ECI 6	55830	3609	20.69	22.00	1.352	62.9	1.006	0.03	0.824	1.121
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 4	ECI 6	641666	3624.99	19.11	20.00	1.227	-	-	-0.15	0.763	0.937
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Front	0mm	Ant 4	ECI 6	641666	3624.99	18.92	20.00	1.282	-	-	-0.05	0.653	0.837
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 4	ECI 6	641666	3624.99	19.11	20.00	1.227	-	-	0.18	0.653	0.802
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Back	0mm	Ant 4	ECI 6	641666	3624.99	18.92	20.00	1.282	-	-	0.19	0.625	0.801
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 4	ECI 6	641666	3624.99	19.11	20.00	1.227	-	-	0.14	1.970	2.418
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 4	ECI 6	638000	3570	19.07	20.00	1.239	-	-	0.03	1.920	2.378
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 4	ECI 6	645332	3679.98	19.00	20.00	1.259	-	-	-0.04	1.880	2.367
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Left Side	0mm	Ant 4	ECI 6	641666	3624.99	18.92	20.00	1.282	-	-	-0.19	1.880	2.411
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Left Side	0mm	Ant 4	ECI 6	638000	3570	18.84	20.00	1.306	-	-	0.05	1.820	2.377

	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Left Side	0mm	Ant 4	ECI 6	645332	3679.98	18.84	20.00	1.306	-	-	-0.07	1.840	2.403
	FR1 n48	40M	QPSK	216	0	DFT-SCS-30KHz	Left Side	0mm	Ant 4	ECI 6	641666	3624.99	18.79	20.00	1.321	-	-	0.05	1.780	2.352
	FR1 n48 Other PA	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 4	ECI 6	641666	3624.99	19.05	20.00	1.245	-	-	-0.08	1.910	2.377
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	1mm	Ant 4	ECI 4	641666	3624.99	23.51	24.00	1.119	-	-	0.09	1.690	1.892
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	6mm	Ant 4	ECI 4	641666	3624.99	23.51	24.00	1.119	-	-	-0.04	1.450	1.623
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	8mm	Ant 4	ECI 4	641666	3624.99	23.51	24.00	1.119	-	-	0.03	1.670	1.869
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 7	ECI 6	641666	3624.99	19.19	20.10	1.233	-	-	0.14	1.380	1.702
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Front	0mm	Ant 7	ECI 6	641666	3624.99	19.10	20.10	1.259	-	-	0.12	1.330	1.674
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 7	ECI 6	641666	3624.99	19.19	20.10	1.233	-	-	-0.09	0.518	0.639
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Back	0mm	Ant 7	ECI 6	641666	3624.99	19.10	20.10	1.259	-	-	-0.02	0.449	0.565
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 7	ECI 6	641666	3624.99	19.19	20.10	1.233	-	-	0.03	1.640	2.022
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 7	ECI 6	638000	3570	19.08	20.10	1.265	-	-	-0.06	1.550	1.960
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 7	ECI 6	645332	3679.98	19.05	20.10	1.274	-	-	0.04	1.570	1.999
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Top Side	0mm	Ant 7	ECI 6	641666	3624.99	19.10	20.10	1.259	-	-	-0.04	1.990	2.505
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Top Side	0mm	Ant 7	ECI 6	638000	3570	18.76	20.10	1.361	-	-	-0.07	1.780	2.423
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Top Side	0mm	Ant 7	ECI 6	645332	3679.98	18.83	20.10	1.340	-	-	0.11	1.810	2.425
	FR1 n48	40M	QPSK	216	0	DFT-SCS-30KHz	Top Side	0mm	Ant 7	ECI 6	641666	3624.99	18.85	20.10	1.334	-	-	-0.16	1.580	2.107
	FR1 n48 Main PA	40M	QPSK	108	54	DFT-SCS-30KHz	Top Side	0mm	Ant 7	ECI 6	641666	3624.99	19.10	20.10	1.259	-	-	0.05	1.910	2.405
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 2	ECI 6	641666	3624.99	18.09	19.10	1.262	-	-	0.05	0.800	1.009
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Front	0mm	Ant 2	ECI 6	641666	3624.99	17.98	19.10	1.294	-	-	-0.05	0.992	1.284
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 2	ECI 6	641666	3624.99	18.09	19.10	1.262	-	-	0.09	1.020	1.287
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Back	0mm	Ant 2	ECI 6	641666	3624.99	17.98	19.10	1.294	-	-	-0.17	0.967	1.251
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 2	ECI 6	641666	3624.99	18.09	19.10	1.262	-	-	-0.04	0.824	1.040
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Right Side	0mm	Ant 2	ECI 6	641666	3624.99	17.98	19.10	1.294	-	-	0.03	0.676	0.875
119	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	641666	3624.99	18.09	19.10	1.262	-	-	-0.04	2.460	**3.104**
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	638000	3570	18.03	19.10	1.279	-	-	0.17	2.420	3.096
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	645332	3679.98	17.93	19.10	1.309	-	-	0.05	2.350	3.077
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	641666	3624.99	17.98	19.10	1.294	-	-	0.17	2.380	3.080
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	638000	3570	17.83	19.10	1.340	-	-	-0.06	2.290	3.068
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	645332	3679.98	17.89	19.10	1.321	-	-	0.12	2.250	2.973
	FR1 n48	40M	QPSK	216	0	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	641666	3624.99	17.77	19.10	1.358	-	-	-0.03	2.280	3.097
	FR1 n48 Other PA	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	641666	3624.99	18.03	19.10	1.279	-	-	-0.15	2.330	2.981
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Front	9mm	Ant 2	ECI 4	641666	3624.99	23.47	24.00	1.130	-	-	0.02	0.235	0.266
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	12mm	Ant 2	ECI 4	641666	3624.99	23.47	24.00	1.130	-	-	0.16	0.190	0.215
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	11mm	Ant 2	ECI 4	641666	3624.99	23.47	24.00	1.130	-	-	0.08	0.191	0.216
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	10mm	Ant 2	ECI 4	641666	3624.99	23.47	24.00	1.130	-	-	0.17	0.389	0.439
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 6	ECI 6	641666	3624.99	22.02	23.00	1.253	-	-	-0.01	0.483	0.605
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Back	0mm	Ant 6	ECI 6	641666	3624.99	21.83	23.00	1.309	-	-	0.18	0.370	0.484
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 6	ECI 6	641666	3624.99	22.02	23.00	1.253	-	-	-0.07	1.470	1.842
	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Right Side	0mm	Ant 6	ECI 6	641666	3624.99	21.83	23.00	1.309	-	-	0.06	1.150	1.506
	FR1 n48 Other PA	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 6	ECI 6	641666	3624.99	22.81	24.00	1.315	-	-	0.02	1.390	1.828
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 4	ECI 6	656000	3840	17.83	18.70	1.222	-	-	0.17	0.395	0.483
	FR1 n77 Part 27O HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 4	ECI 6	656000	3840	17.68	18.70	1.265	-	-	0.15	0.375	0.474
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 4	ECI 6	656000	3840	17.83	18.70	1.222	-	-	0.17	0.442	0.540
	FR1 n77 Part 27O HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 4	ECI 6	656000	3840	17.68	18.70	1.265	-	-	-0.04	0.423	0.535
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 4	ECI 6	656000	3840	17.83	18.70	1.222	-	-	-0.04	1.280	1.564
	FR1 n77 Part 27O HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 4	ECI 6	656000	3840	17.68	18.70	1.265	-	-	-0.02	1.270	1.606
	FR1 n77 Part 27O Other PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 4	ECI 6	656000	3840	17.61	18.70	1.285	-	-	0.05	1.200	1.542
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	1mm	Ant 4	ECI 4	656000	3840	22.05	23.00	1.245	-	-	-0.14	0.885	1.101
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	6mm	Ant 4	ECI 4	656000	3840	22.05	23.00	1.245	-	-	-0.14	0.864	1.075
	FR1 n77 Part 27O HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	8mm	Ant 4	ECI 4	656000	3840	22.05	23.00	1.245	-	-	-0.07	0.872	1.085
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 4	ECI 6	633332	3499.98	17.81	18.70	1.227	-	-	-0.1	0.504	0.619
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 4	ECI 6	633332	3499.98	17.67	18.70	1.268	-	-	0.06	0.715	0.906

	HPUE																			
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 4	ECI 6	633332	3499.98	17.81	18.70	1.227	-	-	0.16	0.435	0.534
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 4	ECI 6	633332	3499.98	17.67	18.70	1.268	-	-	-0.02	0.604	0.766
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 4	ECI 6	633332	3499.98	17.81	18.70	1.227	-	-	-0.07	1.410	1.731
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 4	ECI 6	633332	3499.98	17.67	18.70	1.268	-	-	-0.03	1.950	2.472
	FR1 n77 Part 27Q HPUE	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	0mm	Ant 4	ECI 6	633332	3499.98	17.54	18.70	1.306	-	-	-0.12	1.390	1.816
	FR1 n77 Part 27Q Other PA	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 4	ECI 6	633332	3499.98	17.52	18.70	1.312	-	-	-0.01	1.740	2.283
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	1mm	Ant 4	ECI 4	633332	3499.98	26.10	27.00	1.230	-	-	0.18	1.360	1.673
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	6mm	Ant 4	ECI 4	633332	3499.98	26.10	27.00	1.230	-	-	-0.06	1.330	1.636
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	8mm	Ant 4	ECI 4	633332	3499.98	26.10	27.00	1.230	-	-	-0.11	1.340	1.649
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 7	ECI 6	656000	3840	16.73	18.00	1.340	-	-	0.16	0.807	1.081
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 7	ECI 6	656000	3840	16.58	18.00	1.387	-	-	0	0.985	1.366
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 7	ECI 6	656000	3840	16.73	18.00	1.340	-	-	-0.04	0.277	0.371
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 7	ECI 6	656000	3840	16.58	18.00	1.387	-	-	0	0.328	0.455
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 7	ECI 6	656000	3840	16.73	18.00	1.340	-	-	0.15	0.153	0.205
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	Ant 7	ECI 6	656000	3840	16.58	18.00	1.387	-	-	0.05	0.186	0.258
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 7	ECI 6	656000	3840	16.73	18.00	1.340	-	-	0.18	1.590	2.130
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 7	ECI 6	656000	3840	16.58	18.00	1.387	-	-	0.07	1.830	2.538
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Top Side	0mm	Ant 7	ECI 6	656000	3840	16.47	18.00	1.422	-	-	-0.13	1.660	2.361
	FR1 n77 Part 27O HPUE Other PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 7	ECI 6	656000	3840	16.52	18.00	1.406	-	-	-0.04	1.610	2.264
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 7	ECI 6	633332	3499.98	16.26	18.00	1.493	-	-	-0.01	0.893	1.333
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 7	ECI 6	633332	3499.98	16.19	18.00	1.517	-	-	-0.12	0.869	1.318
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 7	ECI 6	633332	3499.98	16.26	18.00	1.493	-	-	-0.1	0.364	0.543
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 7	ECI 6	633332	3499.98	16.19	18.00	1.517	-	-	0	0.357	0.542
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 7	ECI 6	633332	3499.98	16.26	18.00	1.493	-	-	-0.17	0.205	0.306
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	Ant 7	ECI 6	633332	3499.98	16.19	18.00	1.517	-	-	0.02	0.210	0.319
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 7	ECI 6	633332	3499.98	16.26	18.00	1.493	-	-	-0.02	0.855	1.276
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 7	ECI 6	633332	3499.98	16.19	18.00	1.517	-	-	0.01	0.916	1.390
	FR1 n77 Part 27Q HPUE Other PA	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 7	ECI 6	633332	3499.98	16.24	18.00	1.500	-	-	-0.06	0.914	1.371
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 2	ECI 6	656000	3840	19.96	20.80	1.213	-	-	0.17	0.657	0.797
	FR1 n77 Part 27O HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 2	ECI 6	656000	3840	19.87	20.80	1.239	-	-	-0.18	0.711	0.881
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 2	ECI 6	656000	3840	19.96	20.80	1.213	-	-	-0.12	0.870	1.056
	FR1 n77 Part 27O HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 2	ECI 6	656000	3840	19.87	20.80	1.239	-	-	-0.11	0.942	1.167
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	656000	3840	19.96	20.80	1.213	-	-	-0.12	1.350	1.638
	FR1 n77 Part 27O HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	656000	3840	19.87	20.80	1.239	-	-	0.05	1.070	1.326
	FR1 n77 Part 27O Other PA	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	656000	3840	19.88	20.80	1.236	-	-	-0.15	1.320	1.631
	FR1 n77 Part 27O HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	9mm	Ant 2	ECI 4	656000	3840	26.24	27.00	1.191	-	-	-0.13	0.307	0.366
	FR1 n77 Part 27O HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	12mm	Ant 2	ECI 4	656000	3840	26.24	27.00	1.191	-	-	-0.18	0.201	0.239
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	10mm	Ant 2	ECI 4	656000	3840	26.37	27.00	1.156	-	-	-0.1	0.111	0.128
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 2	ECI 6	633332	3499.98	20.06	20.80	1.186	-	-	-0.15	0.557	0.660
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 2	ECI 6	633332	3499.98	19.97	20.80	1.211	-	-	0.08	0.461	0.558
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 2	ECI 6	633332	3499.98	20.06	20.80	1.186	-	-	-0.06	0.649	0.770
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 2	ECI 6	633332	3499.98	19.97	20.80	1.211	-	-	-0.13	0.678	0.821
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 2	ECI 6	633332	3499.98	20.06	20.80	1.186	-	-	0.05	0.866	1.027
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	Ant 2	ECI 6	633332	3499.98	19.97	20.80	1.211	-	-	0.15	0.842	1.019
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	633332	3499.98	20.06	20.80	1.186	-	-	-0.1	1.020	1.209
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	633332	3499.98	19.97	20.80	1.211	-	-	-0.06	1.210	1.465

	FR1 n77 Part 27Q Other PA	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	633332	3499.98	19.86	20.80	1.242	-	-	-0.16	0.791	0.982
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	9mm	Ant 2	ECI 4	633332	3499.98	26.49	27.00	1.125	-	-	-0.1	0.950	1.068
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	12mm	Ant 2	ECI 4	633332	3499.98	26.49	27.00	1.125	-	-	0	0.575	0.647
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	11mm	Ant 2	ECI 4	633332	3499.98	26.49	27.00	1.125	-	-	-0.02	0.101	0.114
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	10mm	Ant 2	ECI 4	633332	3499.98	26.49	27.00	1.125	-	-	0.16	0.308	0.346
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 6	ECI 6	656000	3840	20.42	21.60	1.312	-	-	0.15	0.910	1.194
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 6	ECI 6	656000	3840	20.29	21.60	1.352	-	-	0.11	0.924	1.249
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 6	ECI 6	656000	3840	20.42	21.60	1.312	-	-	0.09	0.368	0.483
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 6	ECI 6	656000	3840	20.29	21.60	1.352	-	-	0.18	0.389	0.526
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 6	ECI 6	656000	3840	20.42	21.60	1.312	-	-	-0.17	1.030	1.352
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	Ant 6	ECI 6	656000	3840	20.29	21.60	1.352	-	-	-0.09	0.993	1.343
	FR1 n77 Part 27O HPUE Other PA	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 6	ECI 6	656000	3840	20.33	21.60	1.340	-	-	0.17	0.889	1.191
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Front	4mm	Ant 6	ECI 4	656000	3840	21.59	22.50	1.233	-	-	-0.06	0.773	0.953
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Back	8mm	Ant 6	ECI 4	656000	3840	21.59	22.50	1.233	-	-	0	0.463	0.571
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	8mm	Ant 6	ECI 4	656000	3840	21.59	22.50	1.233	-	-	-0.08	0.493	0.608
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 6	ECI 6	633332	3499.98	20.21	21.60	1.377	-	-	0.08	0.794	1.094
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 6	ECI 6	633332	3499.98	20.04	21.60	1.432	-	-	-0.13	0.832	1.192
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 6	ECI 6	633332	3499.98	20.21	21.60	1.377	-	-	-0.01	0.635	0.875
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 6	ECI 6	633332	3499.98	20.04	21.60	1.432	-	-	-0.07	0.586	0.839
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 6	ECI 6	633332	3499.98	20.21	21.60	1.377	-	-	0.15	1.830	2.520
120	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	Ant 6	ECI 6	633332	3499.98	20.04	21.60	1.432	-	-	-0.08	1.840	**2.635**
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	0mm	Ant 6	ECI 6	633332	3499.98	19.91	21.60	1.476	-	-	0.07	1.690	2.494
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 6	ECI 6	633332	3499.98	20.21	21.60	1.377	-	-	0.06	0.964	1.328
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 6	ECI 6	633332	3499.98	20.04	21.60	1.432	-	-	0.13	0.920	1.318
	FR1 n77 Part 27Q HPUE Other PA	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	Ant 6	ECI 6	633332	3499.98	19.94	21.60	1.466	-	-	0.13	1.720	2.521
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	4mm	Ant 6	ECI 4	633332	3499.98	21.61	22.50	1.227	-	-	0.13	0.895	1.099
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	8mm	Ant 6	ECI 4	633332	3499.98	21.61	22.50	1.227	-	-	0.05	0.950	1.166
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	8mm	Ant 6	ECI 4	633332	3499.98	21.61	22.50	1.227	-	-	-0.17	1.050	1.289
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	7mm	Ant 6	ECI 4	633332	3499.98	21.61	22.50	1.227	-	-	0.02	0.531	0.652

Plot No.	Band	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 10g SAR (W/kg)	Reported 10g SAR (W/kg)
						WLAN										
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 3+5(5)	Full power	6	2437	20.85	22.50	1.462	99.52	1.005	0.01	1.050	1.543
121	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 3+5(5)	Full power	6	2437	20.85	22.50	1.462	99.52	1.005	0.06	1.480	**2.175**
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 3+5(3)	Full power	1	2412	19.83	21.50	1.469	99.52	1.005	-0.17	1.440	2.126
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 3+5(3)	Full power	11	2462	19.70	21.50	1.514	99.52	1.005	0.09	1.420	2.160
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 3+5(5)	DBS	6	2437	20.12	21.50	1.374	99.52	1.005	-0.11	1.300	1.795
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 3+5(3)	Simultaneous	6	2437	16.35	17.50	1.303	99.52	1.005	0.07	0.404	0.529
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 3+5(3)	Simultaneous	6	2437	16.35	17.50	1.303	99.52	1.005	0.03	0.617	0.808
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 3+5(3)	DBS Simultaneous	6	2437	13.30	14.50	1.318	99.52	1.005	0.08	0.199	0.264
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 3+5(3)	DBS Simultaneous	6	2437	13.30	14.50	1.318	99.52	1.005	0.06	0.338	0.448
	WLAN2.4GHz	802.11b 1Mbps	Back	8mm	Ant 3+5(5)	Full power	6	2437	20.85	22.50	1.462	99.52	1.005	0.12	0.297	0.436
	WLAN2.4GHz	802.11b 1Mbps	Right Side	8mm	Ant 3+5(5)	Full power	6	2437	20.85	22.50	1.462	99.52	1.005	0.08	0.469	0.689
	WLAN5.2GHz	802.11n-HT40 MCS0	Front	0mm	Ant 6+7(7)	Standalone	46	5230	17.82	19.00	1.312	94.2	1.062	0.01	0.707	0.985
	WLAN5.2GHz	802.11n-HT40 MCS0	Back	0mm	Ant 6+7(7)	Standalone	46	5230	17.82	19.00	1.312	94.2	1.062	-0.15	0.322	0.449
	WLAN5.2GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 6+7(7)	Standalone	46	5230	17.82	19.00	1.312	94.2	1.062	0.19	0.542	0.755
122	WLAN5.2GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 6+7(7)	Standalone	46	5230	17.82	19.00	1.312	94.2	1.062	-0.04	1.970	**2.745**
	WLAN5.2GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 6+7(6)	Standalone	38	5190	13.27	15.00	1.490	94.2	1.062	-0.18	0.712	1.126
	WLAN5.2GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 6+7(6)	DBS	46	5230	16.32	17.50	1.312	94.2	1.062	0.03	1.340	1.867
	WLAN5.2GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 6+7(7)	Simultaneous	46	5230	13.30	14.50	1.318	94.2	1.062	-0.15	0.630	0.882
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 6+7(6)	DBS Simultaneous	42	5210	10.01	11.50	1.409	86.49	1.156	-0.15	0.384	0.626
	WLAN5.2GHz	802.11n-HT40 MCS0	Front	4mm	Ant 6+7(6)	Full power	46	5230	19.60	21.00	1.381	94.2	1.062	0.11	0.513	0.752

	WLAN5.2GHz	802.11n-HT40 MCS0	Back	8mm	Ant 6+7(6)	Full power	46	5230	19.60	21.00	1.381	94.2	1.062	-0.08	0.340	0.498
	WLAN5.2GHz	802.11n-HT40 MCS0	Right Side	8mm	Ant 6+7(6)	Full power	46	5230	19.60	21.00	1.381	94.2	1.062	-0.17	0.295	0.433
	WLAN5.2GHz	802.11n-HT40 MCS0	Top Side	7mm	Ant 6+7(6)	Full power	46	5230	19.60	21.00	1.381	94.2	1.062	-0.08	0.693	1.016
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	0mm	Ant 6+7(7)	Standalone	54	5270	17.84	19.00	1.306	94.2	1.062	-0.04	0.985	1.366
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	0mm	Ant 6+7(7)	Standalone	54	5270	17.84	19.00	1.306	94.2	1.062	-0.08	0.407	0.565
	WLAN5.3GHz	802.11n-HT40 MCS0	Left Side	0mm	Ant 6+7(7)	Standalone	54	5270	17.84	19.00	1.306	94.2	1.062	0.17	0.057	0.079
	WLAN5.3GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 6+7(7)	Standalone	54	5270	17.84	19.00	1.306	94.2	1.062	0.18	0.720	0.999
123	WLAN5.3GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 6+7(7)	Standalone	54	5270	17.84	19.00	1.306	94.2	1.062	-0.15	1.920	**2.663**
	WLAN5.3GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 6+7(7)	Standalone	62	5310	16.91	18.50	1.442	94.2	1.062	-0.08	1.710	2.619
	WLAN5.3GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 6+7(6)	DBS	54	5270	16.35	17.50	1.303	94.2	1.062	-0.13	1.490	2.062
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 6+7(6)	Simultaneous	58	5290	12.52	14.00	1.406	86.49	1.156	-0.02	0.246	0.400
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 6+7(6)	Simultaneous	58	5290	12.52	14.00	1.406	86.49	1.156	-0.13	0.583	0.948
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 6+7(7)	DBS Simultaneous	58	5290	9.32	11.00	1.472	86.49	1.156	-0.02	0.261	0.444
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 6+7(7)	DBS Simultaneous	58	5290	9.32	11.00	1.472	86.49	1.156	0.06	0.291	0.495
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	4mm	Ant 6+7(7)	Full power	54	5270	19.46	21.00	1.426	94.2	1.062	-0.03	0.499	0.756
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	8mm	Ant 6+7(7)	Full power	54	5270	19.46	21.00	1.426	94.2	1.062	-0.03	0.346	0.524
	WLAN5.3GHz	802.11n-HT40 MCS0	Right Side	8mm	Ant 6+7(7)	Full power	54	5270	19.46	21.00	1.426	94.2	1.062	0.08	0.232	0.351
	WLAN5.3GHz	802.11n-HT40 MCS0	Top Side	7mm	Ant 6+7(7)	Full power	54	5270	19.46	21.00	1.426	94.2	1.062	-0.07	0.793	1.201
	WLAN5.5GHz	802.11ac VHT80 MCS0	Front	0mm	Ant 6+7(7)	Standalone	138	5690	17.84	19.00	1.306	86.49	1.156	0.05	0.996	1.504
	WLAN5.5GHz	802.11ac VHT80 MCS0	Back	0mm	Ant 6+7(7)	Standalone	138	5690	17.84	19.00	1.306	86.49	1.156	-0.11	0.375	0.566
	WLAN5.5GHz	802.11ac VHT80 MCS0	Left Side	0mm	Ant 6+7(7)	Standalone	138	5690	17.84	19.00	1.306	86.49	1.156	-0.12	0.044	0.066
	WLAN5.5GHz	802.11ac VHT80 MCS0	Right Side	0mm	Ant 6+7(7)	Standalone	138	5690	17.84	19.00	1.306	86.49	1.156	0.03	0.530	0.800
124	WLAN5.5GHz	802.11ac VHT80 MCS0	Top Side	0mm	Ant 6+7(7)	Standalone	138	5690	17.84	19.00	1.306	86.49	1.156	-0.09	1.770	**2.673**
	WLAN5.5GHz	802.11ac VHT80 MCS0	Top Side	0mm	Ant 6+7(7)	Standalone	106	5530	13.25	15.00	1.496	86.49	1.156	-0.16	0.726	1.256
	WLAN5.5GHz	802.11ac VHT80 MCS0	Top Side	0mm	Ant 6+7(7)	Standalone	122	5610	17.48	19.00	1.419	86.49	1.156	-0.02	1.620	2.657
	WLAN5.5GHz	802.11ac VHT80 MCS0	Top Side	0mm	Ant 6+7(6)	DBS	138	5690	16.23	17.50	1.340	86.49	1.156	0.15	1.150	1.781
	WLAN5.5GHz	802.11ac VHT80 MCS0	Front	0mm	Ant 6+7(6)	Simultaneous	138	5690	12.31	13.50	1.315	86.49	1.156	-0.02	0.314	0.477
	WLAN5.5GHz	802.11ac VHT80 MCS0	Top Side	0mm	Ant 6+7(6)	Simultaneous	138	5690	12.31	13.50	1.315	86.49	1.156	-0.09	0.514	0.781
	WLAN5.5GHz	802.11ac VHT80 MCS0	Top Side	0mm	Ant 6+7(6)	DBS Simultaneous	138	5690	9.03	10.50	1.403	86.49	1.156	0.11	0.200	0.324
	WLAN5.5GHz	802.11ax-HE40 MCS0	Front	4mm	Ant 6+7(6)	Full power	102	5510	19.34	21.00	1.467	92.98	1.076	-0.05	0.499	0.788
	WLAN5.5GHz	802.11ax-HE40 MCS0	Back	8mm	Ant 6+7(6)	Full power	102	5510	19.34	21.00	1.467	92.98	1.076	-0.08	0.284	0.448
	WLAN5.5GHz	802.11ax-HE40 MCS0	Right Side	8mm	Ant 6+7(6)	Full power	102	5510	19.34	21.00	1.467	92.98	1.076	0.16	0.198	0.313
	WLAN5.5GHz	802.11ax-HE40 MCS0	Top Side	7mm	Ant 6+7(6)	Full power	102	5510	19.34	21.00	1.467	92.98	1.076	0.05	0.865	1.365
	WLAN5.8GHz	802.11ax-HE40 MCS0	Back	0mm	Ant 6+7(6)	Full power	159	5795	19.65	21.00	1.366	92.98	1.076	0.16	0.405	0.595
	WLAN5.8GHz	802.11ax-HE40 MCS0	Back	0mm	Ant 6+7(6)	Full power	151	5755	19.66	21.00	1.363	92.98	1.076	0.13	0.488	0.716
125	WLAN5.8GHz	802.11ax-HE40 MCS0	Top Side	0mm	Ant 6+7(6)	Full power	159	5795	19.65	21.00	1.366	92.98	1.076	0.03	1.800	**2.645**
	WLAN5.8GHz	802.11ax-HE40 MCS0	Top Side	0mm	Ant 6+7(6)	Full power	151	5755	19.66	21.00	1.363	92.98	1.076	-0.18	1.720	2.522
	WLAN5.8GHz	802.11ac VHT80 MCS0	Top Side	0mm	Ant 6+7(7)	DBS	155	5775	18.11	19.50	1.377	86.49	1.156	0.02	1.320	2.102
	WLAN5.8GHz	802.11ac VHT80 MCS0	Top Side	0mm	Ant 6+7(7)	Simultaneous	155	5775	14.48	16.00	1.419	86.49	1.156	0.16	0.593	0.973
	WLAN5.8GHz	802.11ac VHT80 MCS0	Top Side	0mm	Ant 6+7(7)	DBS Simultaneous	155	5775	11.67	13.00	1.358	86.49	1.156	-0.03	0.284	0.446
	WLAN5.8GHz	802.11ax-HE40 MCS0	Back	8mm	Ant 6+7(6)	Full power	151	5755	19.66	21.00	1.363	92.98	1.076	0.07	0.366	0.537
	WLAN5.8GHz	802.11ax-HE40 MCS0	Top Side	7mm	Ant 6+7(6)	Full power	159	5795	19.65	21.00	1.366	92.98	1.076	0.08	0.681	1.001

16.5 Repeated SAR Measurement

<1g>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Ratio	Reported 1g SAR (W/kg)
1st	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Cheek	0mm	Ant 3+5(3)	Standalone	6	2437	17.36	18.50	1.300	99.52	1.005	-0.04	0.986	1	1.288
2nd	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Cheek	0mm	Ant 3+5(3)	Standalone	6	2437	17.36	18.50	1.300	99.52	1.005	0.01	0.918	1.074	1.200
1st	LTE Band 12	10M	QPSK	1	0	-	Back	5mm	Ant 0	ECI 7	23095	707.5	23.09	24.00	1.233	-	-	-0.02	0.844	1	1.041
2nd	LTE Band 12	10M	QPSK	1	0	-	Back	5mm	Ant 0	ECI 7	23095	707.5	23.09	24.00	1.233	-	-	0.07	0.823	1.026	1.015
1st	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 7	4132	826.4	23.22	24.00	1.197	-	-	-0.02	1.060	1	**1.269**
2nd	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 7	4132	826.4	23.22	24.00	1.197	-	-	0.08	0.994	1.066	1.190
1st	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 7	340500	1702.5	18.08	19.10	1.265	-	-	0.12	0.991	1	**1.253**
2nd	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 7	340500	1702.5	18.08	19.10	1.265	-	-	0.06	0.972	1.020	1.229
1st	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	ECI 7	661	1880	23.64	24.30	1.164	-	-	-0.09	1.030	1	**1.199**
2nd	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	ECI 7	661	1880	23.64	24.30	1.164	-	-	-0.09	0.971	1.061	**1.130**
1st	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0	ECI 7	518598	2592.99	16.56	17.40	1.213	-	-	0.04	1.050	1	**1.274**
2nd	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0	ECI 7	518598	2592.99	16.56	17.40	1.213	-	-	-0.08	0.978	1.074	1.187
1st	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	42590	3500	23.15	24.00	1.216	62.9	1.006	0.1	0.977	1	**1.195**
2nd	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	42590	3500	23.15	24.00	1.216	62.9	1.006	0.06	0.951	1.027	1.164
1st	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 2	ECI 7	55340	3560	20.65	21.30	1.161	62.9	1.006	-0.07	1.070	1	**1.250**
2nd	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 2	ECI 7	55340	3560	20.65	21.30	1.161	62.9	1.006	-0.07	1.010	1.059	1.180
1st	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	462000	2310	19.50	20.40	1.230	-	-	0.09	1.030	1	**1.267**
2nd	FR1 n30	10M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	462000	2310	19.50	20.40	1.230	-	-	0.01	0.975	1.056	1.200
1st	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0	ECI 3	518598	2592.99	16.56	17.40	1.213	-	-	0.04	1.050	1	**1.274**
2nd	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0	ECI 3	518598	2592.99	16.56	17.40	1.213	-	-	-0.08	0.978	1.074	1.187
1st	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Back	5mm	Ant 2	ECI 3	641666	3624.99	19.90	21.20	1.349	-	-	-0.04	0.957	1	**1.291**
2nd	FR1 n48	40M	QPSK	108	54	DFT-SCS-30KHz	Back	5mm	Ant 2	ECI 3	641666	3624.99	19.90	21.20	1.349	-	-	0.09	0.922	1.038	1.244
1st	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Back	5mm	Ant 3+5(3)	Standalone	11	2462	18.85	20.50	1.462	99.52	1.005	0.13	0.965	1	**1.418**
2nd	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Back	5mm	Ant 3+5(3)	Standalone	11	2462	18.85	20.50	1.462	99.52	1.005	0.06	0.942	1.024	1.384

<10g>

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 10g SAR (W/kg)	Ratio	Reported 10g SAR (W/kg)
1st	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	0mm	Ant 0	ECI 6	349000	1745	20.05	21.10	1.274	-	-	-0.08	2.510	1	3.196
2nd	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	0mm	Ant 0	ECI 6	349000	1745	20.05	21.10	1.274	-	-	0.01	2.320	1.082	2.955
1st	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Back	0mm	Ant 0	ECI 6	376500	1882.5	21.12	22.10	1.253	-	-	0.03	2.540	1	3.183
2nd	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Back	0mm	Ant 0	ECI 6	376500	1882.5	21.12	22.10	1.253	-	-	0.16	2.420	1.050	3.033
1st	LTE Band 30	10M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	ECI 6	27710	2310	23.09	24.00	1.233	-	-	-0.03	2.550	1	3.144
2nd	LTE Band 30	10M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	ECI 6	27710	2310	23.09	24.00	1.233	-	-	0.06	2.310	1.104	2.848
1st	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	ECI 6	21350	2560	22.65	23.10	1.109	-	-	-0.07	2.530	1	2.806
2nd	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	ECI 6	21350	2560	22.65	23.10	1.109	-	-	0.06	2.390	1.059	2.651
1st	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	0mm	Ant 2	ECI 6	42190	3460	23.09	24.00	1.233	62.9	1.006	-0.07	2.380	1	2.952
2nd	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	0mm	Ant 2	ECI 6	42190	3460	23.09	24.00	1.233	62.9	1.006	-0.01	2.240	1.063	2.779
1st	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	641666	3624.99	18.09	19.10	1.262	-	-	-0.04	2.460	1	3.104
2nd	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	0mm	Ant 2	ECI 6	641666	3624.99	18.09	19.10	1.262	-	-	0.03	2.360	1.042	2.978

General Note:

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

16.6 TDD LTE Linearity Data Analysis

General Note:

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

LTE B41-Linearity Data for Head Ant 2				LTE B41-Linearity Data for Head Ant 1		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)			LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00		Maximum Tune up Power (dBm)	20.50	22.10
Reported 1g SAR (W/kg)	0.129	0.169		Reported 1g SAR (W/kg)	0.838	0.802
Duty Cycle	63.30%	43.30%		Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	217.01		Frame Averaged (mW)	71.02	70.22
Linearity SAR (W/kg)	0.176			Linearity SAR (W/kg)	0.829	
% deviation from expected linearity		-4.01%		% deviation from expected linearity		-3.21%
LTE B41-Linearity Data for Body-worn Ant 2				**LTE B41-Linearity Data for Body-worn Ant 1**		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)			LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	23.80	25.40		Maximum Tune up Power (dBm)	21.50	23.10
Reported 1g SAR (W/kg)	1.125	1.055		Reported 1g SAR (W/kg)	0.844	0.788
Duty Cycle	63.30%	43.30%		Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	151.85	150.14		Frame Averaged (mW)	89.41	88.41
Linearity SAR (W/kg)	1.112			Linearity SAR (W/kg)	0.835	
% deviation from expected linearity		-5.15%		% deviation from expected linearity		-5.57%
LTE B41-Linearity Data for Hotspot Ant 2				**LTE B41-Linearity Data for Hotspot Ant 1**		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)			LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	21.90	23.50		Maximum Tune up Power (dBm)	18.60	20.20
Reported 1g SAR (W/kg)	1.010	1.086		Reported 1g SAR (W/kg)	0.533	0.557
Duty Cycle	63.30%	43.30%		Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	98.04	96.94		Frame Averaged (mW)	45.86	45.34
Linearity SAR (W/kg)	0.999			Linearity SAR (W/kg)	0.527	
% deviation from expected linearity		8.75%		% deviation from expected linearity		5.69%
LTE B41-Linearity Data for Extremity Ant 2				**LTE B41-Linearity Data Extremity Ant 1**		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)			LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00		Maximum Tune up Power (dBm)	24.00	27.00
Reported 10g SAR (W/kg)	2.469	3.121		Reported 10g SAR (W/kg)	1.874	2.309
Duty Cycle	63.30%	43.30%		Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	217.01		Frame Averaged (mW)	159.00	217.01
Linearity SAR (W/kg)	3.370			Linearity SAR (W/kg)	2.558	
% deviation from expected linearity		-7.38%		% deviation from expected linearity		-9.72%

LTE B41-Linearity Data for Head Ant 0		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	26.00
Reported 1g SAR (W/kg)	0.011	0.013
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	172.38
Linearity SAR (W/kg)	0.012	
% deviation from expected linearity		9.01%

LTE B41-Linearity Data for Head Ant 10		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	25.00
Reported 1g SAR (W/kg)	0.010	0.009
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	136.93
Linearity SAR (W/kg)	0.009	
% deviation from expected linearity		4.51%

LTE B41-Linearity Data for Body-worn Ant 0		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	20.10	21.70
Reported 1g SAR (W/kg)	1.243	1.148
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	64.77	64.05
Linearity SAR (W/kg)	1.229	
% deviation from expected linearity		-6.59%

LTE B41-Linearity Data for Body-worn Ant 10		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	19.50	21.10
Reported 1g SAR (W/kg)	0.886	0.829
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	56.42	55.78
Linearity SAR (W/kg)	0.876	
% deviation from expected linearity		-5.37%

LTE B41-Linearity Data for Hotspot Ant 0		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	20.10	21.70
Reported 1g SAR (W/kg)	1.243	1.148
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	64.77	64.05
Linearity SAR (W/kg)	1.229	
% deviation from expected linearity		-6.59%

LTE B41-Linearity Data for Hotspot Ant 10		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	18.00	19.60
Reported 1g SAR (W/kg)	0.620	0.634
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	39.94	39.49
Linearity SAR (W/kg)	0.613	
% deviation from expected linearity		3.42%

LTE B41-Linearity Data for Extremity Ant 0		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	26.00
Reported 10g SAR (W/kg)	2.930	3.015
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	172.38
Linearity SAR (W/kg)	3.177	
% deviation from expected linearity		-5.08%

LTE B41-Linearity Data for Extremity Ant 10		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	25.00
Reported 10g SAR (W/kg)	1.364	1.111
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	136.93
Linearity SAR (W/kg)	1.175	
% deviation from expected linearity		-5.42%

LTE B41-Linearity Data for Body-worn Ant 2		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.102	0.148
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	217.01
Linearity SAR (W/kg)	0.139	
% deviation from expected linearity		6.31%

LTE B41-Linearity Data for Body-worn Ant 1		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	26.00
Reported 1g SAR (W/kg)	0.156	0.177
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	172.38
Linearity SAR (W/kg)	0.169	
% deviation from expected linearity		4.66%

LTE B41-Linearity Data for Body-worn Ant 0		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	26.00
Reported 1g SAR (W/kg)	0.178	0.206
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	172.38
Linearity SAR (W/kg)	0.193	
% deviation from expected linearity		6.75%

LTE B41-Linearity Data for Body-worn Ant 10		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	25.00
Reported 1g SAR (W/kg)	0.276	0.249
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	136.93
Linearity SAR (W/kg)	0.238	
% deviation from expected linearity		4.76%

17. Simultaneous Transmission Analysis

No.	Simultaneous Transmission Configurations	Portable Handset			
		Head	Body-worn	Hotspot	Product specific 10g SAR
1.	WWAN + WLAN2.4GHz	Yes	Yes	Yes	Yes
2.	WWAN + WLAN5GHz	Yes	Yes	Yes	Yes
3.	WWAN + WLAN6GHz	Yes	Yes		Yes
4.	WWAN + Bluetooth	Yes	Yes	Yes	Yes
5.	WLAN2.4GHz + Bluetooth	Yes	Yes	Yes	Yes
6.	WLAN5GHz+ Bluetooth	Yes	Yes	Yes	Yes
7.	WLAN6GHz+ Bluetooth	Yes	Yes		Yes
8.	WLAN5GHz+ WLAN2.4GHz	Yes	Yes	Yes	Yes
9.	WLAN6GHz+ WLAN2.4GHz	Yes	Yes		Yes
10.	WWAN + WLAN2.4GHz + Bluetooth	Yes	Yes	Yes	Yes
11.	WWAN +5GHz WLAN + Bluetooth	Yes	Yes	Yes	Yes
12.	WWAN +6GHz WLAN + Bluetooth	Yes	Yes		Yes
13.	WWAN +5GHz WLAN + 2.4GHz WLAN	Yes	Yes	Yes	Yes
14.	WWAN +6GHz WLAN + 2.4GHz WLAN	Yes	Yes		Yes
15.	WWAN + 2.4GHz WLAN+NFC				Yes
16.	WWAN + 5GHz/6GHz WLAN+NFC				Yes
17.	WWAN + Bluetooth+NFC				Yes
18.	WLAN2.4GHz + Bluetooth+NFC				Yes
19.	5GHz/6GHz WLAN + Bluetooth+NFC				Yes
20.	5GHz/6GHz WLAN + 2.4GHz WLAN+NFC				Yes
21.	WWAN + WLAN2.4GHz + Bluetooth+NFC				Yes
22.	WWAN +5GHz/6GHz WLAN + Bluetooth+NFC				Yes

General Note:

1. This device supports VoIP in GPRS, EGPRS, WCDMA, LTE and 5GNR (e.g. for 3rd-party VoIP), LTE supports VoLTE operation.
2. WWAN above includes 5G NR bands and EN-DC combination.
3. EUT will choose each GSM, WCDMA, LTE and 5GNR according to the network signal condition; therefore, they will not operate simultaneously at any moment.
4. For EN-DC mode, MediaTek TA-SAR algorithm in WWAN adds directly the time-averaged RF exposure from 4G(LTE) and time-averaged RF exposure from 5G NR. TA-SAR algorithm controls the total RF exposure from both 4G and 5G NR to not exceed SAR exposure limit. Therefore, simultaneous transmission compliance between 4G+5G NR operation is demonstrated in the Part 2 Report during algorithm validation. In this Report, simultaneous transmission compliance was evaluated individually with other Radios (WLAN or BT) using one of 4G or 5G NR.
5. This device 2.4GHz WLAN support hotspot operation and Bluetooth support tethering applications.
6. This device 5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WLAN Direct (GC/GO), and 5.3GHz / 5.5GHz supports WLAN Direct (GC only). WLAN6GHz has no hotspot function.
7. The 2.4GHz/5GHz/6GHz WLAN can transmit in SISO/MIMO antenna mode and MIMO SAR can represent SISO SAR.
8. The worst case 5 GHz WLAN SAR for each configuration was used for SAR summation.
9. According to the EUT characteristic, WLAN 5GHz/6GHz and Bluetooth can transmit simultaneously.
10. According to the EUT characteristic, WLAN 5GHz/6GHz and WLAN 2.4GHz can transmit simultaneously.
11. According to the EUT characteristic, when WLAN 2.4GHz and Bluetooth share the same antenna path and cannot transmit simultaneously; when WLAN2.4GHz and Bluetooth are located on different antennas, they can transmit simultaneously.
12. According to the EUT characteristic, WLAN 5GHz and WLAN 6GHz can't transmit simultaneously.
13. NFC can transmit simultaneously with other Radios in extremity exposure condition.
14. For Headset SAR and non-Headset SAR always chose higher SAR to do co-located analysis.
15. For distance SAR and non-distance SAR at extremity exposure conditions always chose higher SAR to do co-located analysis.
16. For simultaneously analysis, since the SAR summation of 3 transmitters can cover others combination of 2 transmitters, therefore in this section did not additional to evaluate 2TX combination of simultaneously

transmission.

17. For standalone WWAN, always choose the highest SAR among all WWAN bands within the selected antenna for each exposure position to perform simultaneous transmission analysis with WLAN/BT together. This is the worst co-located analysis and can represent each band.
18. The maximum SAR summation is calculated based on the same configuration and test position.
19. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
    i) 1g Scalar SAR summation < 1.6W/kg and 10g Scalar SAR summation < 4.0W/kg.
    ii) SPLSR = (SAR1 + SAR2)^1.5 / (min. separation distance, mm), and the peak separation distance is determined from the square root of [(x1-x2)2 + (y1-y2)2 + (z1-z2)2], where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
    iii) If SPLSR ≤ 0.04 for 1g SAR and SPLSR≤ 0.10 for 10g SAR, simultaneously transmission SAR measurement is not necessary.
    iv) Simultaneously transmission SAR measurement, and the reported multi-band 1g SAR < 1.6W/kg and 10g SAR < 4.0W/kg.
    v) The SPLSR calculated results please refer to section 17.6.

17.1 5G NR + LTE + WLAN + BT Sim-Tx analysis

In 5G NR + LTE + WLAN + BT simultaneous transmission, 5G NR and LTE transmission are managed and controlled by MediaTek TA-SAR, while the RF exposure from WLAN and BT radios is managed using legacy approach, i.e., through a fixed power back-off if needed.

Since WLAN and BT do not employ time-averaging, 1gSAR and 10gSAR measurement for WLAN and BT need to be conducted at their corresponding rated power following current FCC test procedures to determine reported SAR values.

TA-SAR current implementation assumes hotspots from 5G NR and LTE are collocated. Therefore, for a total of 100% exposure margin, if LTE uses x, then the exposure margin left for 5G NR is capped to y. Thus, the compliance equation for LTE + 5G NR is

$$x*A + y*B + m \le 1$$
$$x + y = g \le 1$$
$$g + m \le 1$$

Where, A is normalized reported time-averaged SAR exposure ratio from LTE, and A ≤ 1.0; B is normalized reported time-averaged exposure ratio from 5G NR (i.e., PD exposure for 5G FR2 or SAR exposure for 5G FR1), and B ≤1.0.

Let m = normalized reported SAR exposure ratio from WLAN+BT, then for compliance,

$$x * A + y * B + m \le 1.0 \qquad (1)$$

$$x * A + y * B \le x * \max(A, B) + (g-x) * \max(A, B) \le \max(A, B)$$

$$x * A + (g-x) * B + m \le \max(A, B) + m \le 1.0 \qquad (2)$$

If A + m ≤ 1.0 and B + m ≤ 1.0 can be proven, then “x * A + y * B + m ≤ 1.0”. Therefore simultaneous transmission analysis for 5G NR + LTE + WLAN + BT can be performed in two steps

Step 1: Prove total exposure ratio (TER) of LTE + WLAN + BT < 1
Step 2: Prove total exposure ratio (TER) of 5G NR + WLAN + BT < 1

Else, if A + m > 1.0 and/or B + m > 1.0, then the followings need to hold true for compliance:
i. A and m are decoupled based on the SPLSR criteria, and
ii. y * B + m ≤ 1.0, and
iii. x% * A + y * B ≤ 1.0
Note iii. is covered in Part 2 report; i. and ii. should be addressed in Part 1 report.

Above analysis is also apply to LTE/NR inter-band uplink, LTE(NR)1 + LTE(NR)2 + WLAN + BT simultaneous transmission, so inter-band uplink CA no need to do additional simultaneously analysis again. Only required comply with total exposure ratio (TER) of LTE/NR + WLAN + BT < 1.

Above analysis is also apply to NR band UL MIMO, NR(SISO1) + NR(SISO2) + WLAN + BT simultaneous transmission, so UL MIMO no need to do additional simultaneously analysis again. Only required comply with total exposure ratio (TER) of NR + WLAN + BT < 1.

The device also enabled Mediatek's TA-SAR Gen2 algorithm to improve antenna performance by applying separate SAR budgets to each predefined antenna group. There are two predefined antenna groups of AG0, AG1, more detail as following table. Each antenna group is spatially separated to others. Simultaneous transmission analysis is performed per antenna group. Below analysis demonstrates the spatially separation of AG0, AG1, and the compliance between AG0 and BT/WLAN/NFC and between AG1 and BT/WLAN/NFC.

Thus, the concept was to split the SAR/TER on the transmitting RATs even they are transmitting on different antennas. Such approach is considered as a worst-case scenario in terms of transmitting power. Thus, to enhance the performance of the transmission power of RATs, consider the spatial properties of each antenna and the correlations between the antenna's transmissions.

SPLSR_Group (Antenna Group):

Antenna Group 0 (AG0)	ANT0 & ANT2
Antenna Group 1 (AG1)	ANT1 & ANT4 & ANT5 & ANT6 & ANT7& ANT10

Note that WLAN/BT operations are not enabled with TA-SAR Gen2 feature.

The verification of spatial separation of the antenna groups is demonstrated through the following steps, together with WIF/BT simultaneous transmission analysis results.

i) The highest reported SAR at Plimit (or Pmax when Plimit > Pmax) for each antenna should be obtained out of all supported technologies and frequency bands for each power index. Demonstrate that the sum of reported SAR of one antenna from each of the antenna groups and the sum of RF exposure from all supported radios outside of TAS feature should be less than the regulatory limit as given below for each power index.

ii) If the sum of SAR from step i) is over 1.6 W/kg for 1g, demonstrate for a given power index that every antenna from one antenna group meets SPLSR criteria with every antenna in another antenna group for all frequency bands. SPLSR criteria must be demonstrated for all antenna pair combinations irrespective of supported simultaneous transmission scenarios, SPLSR Hotspot combination procedure (Hybrid SPLSR) also be considered for simultaneous transmission analysis.

iii) If SPLSR evaluation and analysis is needed to determine compliance for a certain power index configuration, SPLSR is performed by taking the highest summation SAR for each of the supported technologies and bands per antenna, along with the minimum of peak SAR location distance. The minimum of peak location distance is documented in the Highest Report SAR and Hotspot Location below for each power index configuration.

iv) In section 17.6 SPLSR analysis only evaluation Sim-Tx SAR configuration are rounded to two decimal higher or equal to 1.6W/kg.

v) The analysis addresses the simultaneous transmission and the transition among non-simultaneous transmission radios

For summed SAR results and SPLSR detailed analysis, please refer to section 17.2 / 17.3 / 17.4 / 17.5 / 17.6 of this report. All of the combinations of sub6 antenna groups are sufficient to show that AG0 is mutually exclusive from AG1 and that simultaneous transmission cases will not exceed the SAR limit and therefore no measured volumetric simultaneous SAR summation is required per FCC KDB Publication 447498 D01v06 and IEEE 1528- 2013 Section 6.3.4.1.

17.2 Head Exposure Conditions

General Note: The unit of SAR evaluation is W/kg.
Simultaneous Transmission Evaluation of WWAN+WLAN+BT:
<AG0 maximum reported SAR>:

Test Position	Ant0	Ant2	MAX
Right Cheek	0.287	0.623	**0.623**
Right Tilted	0.139	0.438	**0.438**
Left Cheek	0.316	0.406	**0.406**
Left Tilted	0.153	0.450	**0.450**

<AG1 maximum reported SAR>:

Test Position	Ant1	Ant4	Ant5	Ant6	Ant7	Ant10	MAX
Right Cheek	0.951	0.912	0.125	0.273	0.512	0.062	**0.951**
Right Tilted	0.893	0.226	0.053	0.255	0.571	0.072	**0.893**
Left Cheek	0.539	0.285	0.447	0.910	0.925	0.110	**0.925**
Left Tilted	0.647	0.090	0.088	0.825	0.844	0.072	**0.844**

<WLAN2.4GHz/5GHz/6GHz +BT Worse-case SAR>:

NO	1	2	3	4	5	6	7	8	9	1+6	2+3+6	4+5+6	7+8	7+9	WLAN+BT worse case
Test Position	WLAN2.4GHz Ant3+5 Simultaneous	WLAN5GHz Ant6 Simultaneous	WLAN5GHz Ant10 Simultaneous	WLAN6GHz Ant6 Simultaneous	WLAN6GHz Ant10 Simultaneous	BT Ant3	WLAN2.4GHz Ant3+5 DBS Simultaneous	WLAN5GHz Ant10 Simultaneous	WLAN6GHz Ant10 Simultaneous						
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
Right Cheek	0.124	0.260	0.058	0.298	0.017	0.084	0.065	0.058	0.017	0.208	0.402	0.399	0.123	0.082	**0.402**
Right Tilted	0.173	0.193	0.135	0.228	0.021	0.068	0.089	0.135	0.021	0.241	0.396	0.317	0.224	0.110	**0.396**
Left Cheek	0.248	0.346	0.088	0.404	0.019	0.147	0.127	0.088	0.019	0.395	0.581	0.570	0.215	0.146	**0.581**
Left Tilted	0.175	0.368	0.062	0.404	0.025	0.127	0.103	0.062	0.025	0.302	0.557	0.556	0.165	0.128	**0.557**

<Simultaneous Transmission analysis of AG0 + AG1 + WLAN+BT Worse-case>:

Test Position	AG1	AG0	WLAN/BT worst case	AG1+AG0+WLAN +BT worse case
	1g SAR (W/kg)	1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
Right Cheek	0.951	0.623	0.402	**1.98**
Right Tilted	0.893	0.438	0.396	**1.73**
Left Cheek	0.925	0.406	0.581	**1.91**
Left Tilted	0.844	0.450	0.557	**1.85**

Note: The results marked yellow in above table refers to the detailed analysis corresponding to each position below tables.

Right Cheek					
Ant combination	AG0	AG1	WLAN/BT worst case	AG1+AG0+WLAN +BT worst case	Note
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant1	0.287	0.951	0.402	**1.64**	**Case 1**
Ant0-Ant4	0.287	0.912	0.402	**1.60**	**Case 2**
Ant0-Ant5	0.287	0.125	0.402	0.81	-
Ant0-Ant6	0.287	0.273	0.402	0.96	-
Ant0-Ant7	0.287	0.512	0.402	1.20	-
Ant0-Ant10	0.287	0.062	0.402	0.75	-
Ant2-Ant1	0.623	0.951	0.402	**1.98**	**Case 3**
Ant2-Ant4	0.623	0.912	0.402	**1.94**	**Case 4**
Ant2-Ant5	0.623	0.125	0.402	1.15	-
Ant2-Ant6	0.623	0.273	0.402	1.30	-
Ant2-Ant7	0.623	0.512	0.402	1.54	-
Ant2-Ant10	0.623	0.062	0.402	1.09	-

Right Tilted					
Ant combination	AG0	AG1	WLAN/BT worst case	AG1+AG0+WLAN +BT worst case	Note
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant1	0.139	0.893	0.396	1.43	-
Ant0-Ant4	0.139	0.226	0.396	0.76	-
Ant0-Ant5	0.139	0.053	0.396	0.59	-
Ant0-Ant6	0.139	0.255	0.396	0.79	-
Ant0-Ant7	0.139	0.571	0.396	1.11	-
Ant0-Ant10	0.139	0.072	0.396	0.61	-
Ant2-Ant1	0.438	0.893	0.396	**1.73**	**Case 7**
Ant2-Ant4	0.438	0.226	0.396	1.06	-
Ant2-Ant5	0.438	0.053	0.396	0.89	-
Ant2-Ant6	0.438	0.255	0.396	1.09	-
Ant2-Ant7	0.438	0.571	0.396	1.41	-
Ant2-Ant10	0.438	0.072	0.396	0.91	-

Left Cheek					
Ant combination	AG0	AG1	WLAN/BT worst case	AG1+AG0+WLAN +BT worst case	Note
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant1	0.316	0.539	0.581	1.44	-
Ant0-Ant4	0.316	0.285	0.581	1.18	-
Ant0-Ant5	0.316	0.447	0.581	1.34	-
Ant0-Ant6	0.316	0.910	0.581	**1.81**	**Case 8**
Ant0-Ant7	0.316	0.925	0.581	**1.82**	**Case 9**
Ant0-Ant10	0.316	0.110	0.581	1.01	-
Ant2-Ant1	0.406	0.539	0.581	1.53	-
Ant2-Ant4	0.406	0.285	0.581	1.27	-

Ant2-Ant5	0.406	0.447	0.581	1.43	-
Ant2-Ant6	0.406	0.910	0.581	**1.90**	**Case 11**
Ant2-Ant7	0.406	0.925	0.581	**1.91**	**Case 12**
Ant2-Ant10	0.406	0.110	0.581	1.10	-

Left Tilted					
Ant combination	AG0	AG1	WLAN/BT worst case	AG1+AG0+WLAN +BT worst case	Note
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant1	0.153	0.647	0.557	1.36	-
Ant0-Ant4	0.153	0.090	0.557	0.80	-
Ant0-Ant5	0.153	0.088	0.557	0.80	-
Ant0-Ant6	0.153	0.825	0.557	1.54	-
Ant0-Ant7	0.153	0.844	0.557	1.55	-
Ant0-Ant10	0.153	0.072	0.557	0.78	-
Ant2-Ant1	0.450	0.647	0.557	**1.65**	**Case 13**
Ant2-Ant4	0.450	0.090	0.557	1.10	-
Ant2-Ant5	0.450	0.088	0.557	1.10	-
Ant2-Ant6	0.450	0.825	0.557	**1.83**	**Case 14**
Ant2-Ant7	0.450	0.844	0.557	**1.85**	**Case 15**
Ant2-Ant10	0.450	0.072	0.557	1.08	-

<Simultaneous Transmission analysis of WLAN/BT only without WWAN>:

Test Position	WLAN2.4GHz Ant 3+5 Standalone&DBS Only	WLAN5GHz Ant 10 Standalone&DBS Only	WLAN6GHz Ant 10 Standalone&DBS Only	BT Ant 3	WLAN2.4GHz Ant3+5+BT	WLAN5GHz Ant10+BT	WLAN6GHz Ant10+BT	WLAN2.4GHz Ant3+5+WLAN5Gz Ant 10	WLAN2.4GHz Ant3+5+WLAN6Gz Ant 10
Right Cheek	0.605	0.058	0.017	0.084	0.689	0.142	0.101	0.66	0.62
Right Tilted	0.690	0.135	0.021	0.068	0.758	0.203	0.089	0.83	0.71
Left Cheek	1.288	0.088	0.019	0.147	1.435	0.235	0.166	1.38	1.31
Left Tilted	0.689	0.062	0.025	0.127	0.816	0.189	0.152	0.75	0.71

17.3 Hotspot Exposure Conditions

General Note: The unit of SAR evaluation is W/kg.
Simultaneous Transmission Evaluation of WWAN+WLAN+BT:
<AG0 maximum reported SAR>:

Test Position	Ant0	Ant2	MAX
Front	1.049	0.979	**1.049**
Back	1.292	1.271	**1.292**
Left Side	1.231	0.140	**1.231**
Right Side	0.260	1.083	**1.083**
Top Side			
Bottom Side	1.260	1.295	**1.295**

<AG1 maximum reported SAR>:

Test Position	Ant1	Ant4	Ant5	Ant6	Ant7	Ant10	MAX
Front	0.495	0.154	0.189	0.283	0.465	0.011	**0.495**
Back	0.753	0.346	0.363	0.641	0.652	0.634	**0.753**
Left Side	0.269	0.627		0.029	0.054	0.013	**0.627**
Right Side	0.165	0.004	0.612	0.660	0.155	0.049	**0.660**
Top Side	0.729	0.038		0.313	0.687	0.029	**0.729**
Bottom Side							

<WLAN2.4GHz/5GHz +BT Worse-case SAR>:

NO	1	2	3	4	5	1+3	2+3	4+5	WLAN+BT worse case
Test Position	WLAN2.4GHz Ant3+5 Simultaneous	WLAN5GHz Ant6+7 Simultaneous	BT Ant3	WLAN2.4GHz Ant3+5 DBS Simultaneous	WLAN5GHz Ant6+7 DBS Simultaneous				
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
Front	0.216	0.197	0.064	0.216	0.197	0.280	0.261	0.413	**0.413**
Back	0.672	0.358	0.073	0.262	0.358	0.745	0.431	0.620	**0.745**
Left Side		0.041			0.041		0.041	0.041	**0.041**
Right Side	0.253	0.232	0.043	0.253	0.232	0.296	0.275	0.485	**0.485**
Top Side	0.411	0.609	0.133	0.411	0.363	0.544	0.742	0.774	**0.774**
Bottom Side									

<Simultaneous Transmission analysis of AG0 + AG1 + WLAN+BT Worse-case>:

Test Position	AG1	AG0	WLAN/BT worst case	AG1+AG0+WLAN +BT worse case
	1g SAR (W/kg)	1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
Front	0.495	1.049	0.413	**1.96**
Back	0.753	1.292	0.745	**2.79**
Left Side	0.627	1.231	0.041	**1.90**
Right Side	0.660	1.083	0.485	**2.23**
Top Side	0.729		0.774	1.50
Bottom Side		1.295		

Note: The results marked yellow in above table refers to the detailed analysis corresponding to each position below tables.

Front					
Ant combination	AG0	AG1	WLAN/BT worst case	AG1+AG0+WLAN +BT worst case	Note
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant1	1.049	0.495	0.413	**1.96**	**Case 1**
Ant0-Ant4	1.049	0.154	0.413	**1.62**	**Case 2**
Ant0-Ant5	1.049	0.189	0.413	**1.65**	**Case 3**
Ant0-Ant6	1.049	0.283	0.413	**1.75**	**Case 4**
Ant0-Ant7	1.049	0.465	0.413	**1.93**	**Case 5**
Ant0-Ant10	1.049	0.011	0.413	1.47	-
Ant2-Ant1	0.979	0.495	0.413	**1.89**	**Case 6**
Ant2-Ant4	0.979	0.154	0.413	1.55	-
Ant2-Ant5	0.979	0.189	0.413	1.58	-
Ant2-Ant6	0.979	0.283	0.413	**1.68**	**Case 9**
Ant2-Ant7	0.979	0.465	0.413	**1.86**	**Case 10**
Ant2-Ant10	0.979	0.011	0.413	1.40	-

Back					
Ant combination	AG0	AG1	WLAN/BT worst case	AG1+AG0+WLAN +BT worst case	Note
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant1	1.292	0.753	0.745	**2.79**	**Case 11**
Ant0-Ant4	1.292	0.346	0.745	**2.38**	**Case 12**
Ant0-Ant5	1.292	0.363	0.745	**2.40**	**Case 13**
Ant0-Ant6	1.292	0.641	0.745	**2.68**	**Case 14**
Ant0-Ant7	1.292	0.652	0.745	**2.69**	**Case 15**
Ant0-Ant10	1.292	0.634	0.745	**2.67**	**Case 16**
Ant2-Ant1	1.271	0.753	0.745	**2.77**	**Case 17**
Ant2-Ant4	1.271	0.346	0.745	**2.36**	**Case 18**
Ant2-Ant5	1.271	0.363	0.745	**2.38**	**Case 19**
Ant2-Ant6	1.271	0.641	0.745	**2.66**	**Case 20**
Ant2-Ant7	1.271	0.652	0.745	**2.67**	**Case 21**
Ant2-Ant10	1.271	0.634	0.745	**2.65**	**Case 22**

Left Side					
Ant combination	AG0	AG1	WLAN/BT worst case	AG1+AG0+WLAN +BT worst case	Note
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant1	1.231	0.269	0.041	1.54	-
Ant0-Ant4	1.231	0.627	0.041	**1.90**	**Case 23**
Ant0-Ant5	1.231		0.041	1.27	-
Ant0-Ant6	1.231	0.029	0.041	1.30	-
Ant0-Ant7	1.231	0.054	0.041	1.33	-
Ant0-Ant10	1.231	0.013	0.041	1.29	-
Ant2-Ant1	0.140	0.269	0.041	0.45	-
Ant2-Ant4	0.140	0.627	0.041	0.81	-
Ant2-Ant5	0.140		0.041	0.18	-
Ant2-Ant6	0.140	0.029	0.041	0.21	-
Ant2-Ant7	0.140	0.054	0.041	0.24	-
Ant2-Ant10	0.140	0.013	0.041	0.19	-

Right Side					
Ant combination	AG0	AG1	WLAN/BT worst case	AG1+AG0+WLAN +BT worst case	Note
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant1	0.260	0.165	0.485	0.91	-
Ant0-Ant4	0.260	0.004	0.485	0.75	-
Ant0-Ant5	0.260	0.612	0.485	1.36	-
Ant0-Ant6	0.260	0.660	0.485	1.41	-
Ant0-Ant7	0.260	0.155	0.485	0.90	-
Ant0-Ant10	0.260	0.049	0.485	0.79	-
Ant2-Ant1	1.083	0.165	0.485	**1.73**	**Case 24**
Ant2-Ant4	1.083	0.004	0.485	1.57	-
Ant2-Ant5	1.083	0.612	0.485	**2.18**	**Case 26**
Ant2-Ant6	1.083	0.660	0.485	**2.23**	**Case 27**
Ant2-Ant7	1.083	0.155	0.485	**1.72**	**Case 28**
Ant2-Ant10	1.083	0.049	0.485	**1.62**	**Case 29**

17.4 Body-Worn Accessory Exposure Conditions

General Note: The unit of SAR evaluation is W/kg.
Simultaneous Transmission Evaluation of WWAN+WLAN+BT:
<AG0 maximum reported SAR>:

Test Position	Ant0	Ant2	MAX
Front	1.049	1.234	**1.234**
Back	1.292	1.294	**1.294**

<AG1 maximum reported SAR>:

Test Position	Ant1	Ant4	Ant5	Ant6	Ant7	Ant10	MAX
Front	0.618	0.395	0.212	0.576	0.885	0.015	**0.885**
Back	0.889	0.885	0.406	0.887	0.879	0.952	**0.952**

<WLAN2.4GHz/5GHz/6GHz +BT Worse-case SAR>:

NO	1	2	3	4	5	6	7	1+4	2+4	3+4	5+6	5+7	WLAN+BT worse case
Test Position	WLAN2.4GHz Ant3+5 Simultaneous	WLAN5GHz Ant6+7 Simultaneous	WLAN6GHz Ant6+7 Simultaneous	BT Ant3	WLAN2.4GHz Ant3+5 DBS Simultaneous	WLAN5GHz Ant6+7 DBS Simultaneous	WLAN6GHz Ant6+7 DBS Simultaneous						
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
Front	0.167	0.336	0.107	0.062	0.079	0.177	0.107	0.229	0.398	0.169	0.256	0.186	**0.398**
Back	0.388	0.363	0.279	0.093	0.200	0.225	0.279	0.481	0.456	0.372	0.425	0.479	**0.481**

<Simultaneous Transmission analysis of AG0 + AG1 + WLAN+BT Worse-case>:

Test Position	AG1	AG0	WLAN/BT worst case	AG1+AG0+WLAN /BT worse case
	1g SAR (W/kg)	1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
Front	0.885	1.234	0.398	**2.52**
Back	0.952	1.294	0.481	**2.73**

Note: The results marked yellow in above table refers to the detailed analysis corresponding to each position below tables.

Front					
Ant combination	AG0	AG1	WLAN/BT worst case	AG1+AG0+WLAN +BT worst case	Note
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant1	1.049	0.618	0.398	**2.07**	**Case 1**
Ant0-Ant4	1.049	0.395	0.398	**1.84**	**Case 2**
Ant0-Ant5	1.049	0.212	0.398	**1.66**	**Case 3**
Ant0-Ant6	1.049	0.576	0.398	**2.02**	**Case 4**
Ant0-Ant7	1.049	0.885	0.398	**2.33**	**Case 5**
Ant0-Ant10	1.049	0.015	0.398	1.46	-
Ant2-Ant1	1.234	0.618	0.398	**2.25**	**Case 6**
Ant2-Ant4	1.234	0.395	0.398	**2.03**	**Case 7**
Ant2-Ant5	1.234	0.212	0.398	**1.84**	**Case 8**
Ant2-Ant6	1.234	0.576	0.398	**2.21**	**Case 9**
Ant2-Ant7	1.234	0.885	0.398	**2.52**	**Case 10**
Ant2-Ant10	1.234	0.015	0.398	**1.65**	**Case 11**

Back					
Ant combination	AG0	AG1	WLAN/BT worst case	AG1+AG0+WLAN +BT worst case	Note
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant1	1.292	0.889	0.481	**2.66**	**Case 12**
Ant0-Ant4	1.292	0.885	0.481	**2.66**	**Case 13**
Ant0-Ant5	1.292	0.406	0.481	**2.18**	**Case 14**
Ant0-Ant6	1.292	0.887	0.481	**2.66**	**Case 15**
Ant0-Ant7	1.292	0.879	0.481	**2.65**	**Case 16**
Ant0-Ant10	1.292	0.952	0.481	**2.73**	**Case 17**
Ant2-Ant1	1.294	0.889	0.481	**2.66**	**Case 18**
Ant2-Ant4	1.294	0.885	0.481	**2.66**	**Case 19**
Ant2-Ant5	1.294	0.406	0.481	**2.18**	**Case 20**
Ant2-Ant6	1.294	0.887	0.481	**2.66**	**Case 21**
Ant2-Ant7	1.294	0.879	0.481	**2.65**	**Case 22**
Ant2-Ant10	1.294	0.952	0.481	**2.73**	**Case 23**

<Simultaneous Transmission analysis of WLAN/BT only without WWAN>:

Test Position	WLAN2.4GHz Ant 3+5 Standalone	WLAN5GHz Ant 6+7 Standalone	WLAN2.4GHz Ant 3+5 DBS only	WLAN5GHz Ant 6+7 DBS only	WLAN6GHz Ant 6+7 Standalone&DBS Only	BT Ant 3	WLAN2.4GHz Ant3+5+BT	WLAN5GHz Ant 6+7+BT	WLAN6GHz Ant 6+7+BT	WLAN2.4GHz Ant3+5+WLAN5GHz Ant 6+7	WLAN2.4GHz Ant3+5+WLAN6GHz Ant 6+7
Front	0.516	1.022	0.305	0.710	0.107	0.073	0.59	1.10	0.18	1.02	0.41
Back	1.421	1.173	0.796	0.795	0.279	0.083	1.50	1.26	0.36	1.59	1.08

<Sensor off>

General Note: The unit of SAR evaluation is W/kg.

Simultaneous Transmission Evaluation of WWAN+WLAN+BT:

<AG0 maximum reported SAR>:

Test Position	Ant0	Ant2	MAX
Front	0.791	0.516	**0.791**
Back	0.756	0.350	**0.756**

<AG1 maximum reported SAR>:

Test Position	Ant1	Ant4	Ant6	Ant7	Ant10	MAX
Front	0.498	0.383	0.158	0.455	0.320	**0.498**
Back	0.537	0.717	0.216	0.327	0.351	**0.717**

<WLAN2.4GHz/5GHz/6GHz /BT Worse-case SAR

NO	1	2	3	1+2	1+3	WLAN/BT worse case
Test Position	WLAN2.4GHz Ant3+5	WLAN5GHz Ant6+7	WLAN6GHz Ant6+7			
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Summed 1g SAR (W/kg)
Front	0.245	0.525	0.160	0.770	0.405	**0.770**
Back	0.219	0.612	0.258	0.831	0.477	**0.831**

<Simultaneous Transmission analysis of AG0 + AG1 + WLAN/BT Worse-case>:

Test Position	AG1	AG0	WLAN/BT worst case	AG1+AG0+WLAN /BT worse case
	1g SAR (W/kg)	1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
Front	0.498	0.791	0.770	**2.06**
Back	0.717	0.756	0.831	**2.30**

Front					
Ant combination	AG0	AG1	WLAN/BT worst case	AG1+AG0+WLAN /BT worst case	Note
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant1	0.791	0.498	0.770	**2.06**	**Case 1**
Ant0-Ant4	0.791	0.383	0.770	**1.94**	**Case 2**
Ant0-Ant5	0.791		0.770	1.56	-
Ant0-Ant6	0.791	0.158	0.770	**1.72**	**Case 3**
Ant0-Ant7	0.791	0.455	0.770	**2.02**	**Case 4**
Ant0-Ant10	0.791	0.320	0.770	**1.88**	**Case 5**
Ant2-Ant1	0.516	0.498	0.770	**1.78**	**Case 6**
Ant2-Ant4	0.516	0.383	0.770	**1.67**	**Case 7**
Ant2-Ant5	0.516		0.770	1.29	-
Ant2-Ant6	0.516	0.158	0.770	1.44	-
Ant2-Ant7	0.516	0.455	0.770	**1.74**	**Case 8**
Ant2-Ant10	0.516	0.320	0.770	**1.61**	**Case 9**

Back					
Ant combination	AG0	AG1	WLAN/BT worst case	AG1+AG0+WLAN /BT worst case	Note
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant1	0.756	0.537	0.831	**2.12**	**Case 10**
Ant0-Ant4	0.756	0.717	0.831	**2.30**	**Case11**
Ant0-Ant5	0.756		0.831	**1.59**	-
Ant0-Ant6	0.756	0.216	0.831	**1.80**	**Case 12**
Ant0-Ant7	0.756	0.327	0.831	**1.91**	**Case 13**
Ant0-Ant10	0.756	0.351	0.831	**1.94**	**Case 14**
Ant2-Ant1	0.350	0.537	0.831	**1.72**	**Case 15**
Ant2-Ant4	0.350	0.717	0.831	**1.90**	**Case 16**
Ant2-Ant5	0.350		0.831	1.18	-
Ant2-Ant6	0.350	0.216	0.831	1.40	-
Ant2-Ant7	0.350	0.327	0.831	1.51	-
Ant2-Ant10	0.350	0.351	0.831	1.53	-

17.5 Product specific 10g SAR Exposure Conditions

Remark:

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

General Note: The unit of SAR evaluation is W/kg.

Simultaneous Transmission Evaluation of WWAN+WLAN+BT+NFC:

<AG0 maximum reported SAR>:

Test Position	Ant0	Ant2	MAX
Front	3.173	2.861	**3.173**
Back	3.188	2.811	**3.188**
Left Side	3.196		**3.196**
Right Side		2.952	**2.952**
Top Side			
Bottom Side	3.196	3.187	**3.196**

<AG1 maximum reported SAR>:

Test Position	Ant1	Ant4	Ant5	Ant6	Ant7	Ant10	MAX
Front	2.424	2.265		1.249	2.308		**2.424**
Back	2.256	2.057		0.875	0.855	2.013	**2.256**
Left Side	1.765	2.474					**2.474**
Right Side				2.635	0.319		**2.635**
Top Side	2.751			1.328	2.552		**2.751**
Bottom Side							

<WLAN2.4GHz/5GHz/6GHz /BT Worse-case SAR>

NO	1	2	3	4	5	6	7	8	1+4+8	2+4+8	3+4+8	5+6+8	5+7+8	WLAN+BT worse case
Test Position	WLAN2.4GHz Ant3+5 Simultaneous	WLAN5GHz Ant6+7 Simultaneous	WLAN6GHz Ant6+7 Simultaneous	BT Ant3	WLAN2.4GHz Ant3+5 DBS Simultaneous	WLAN5GHz Ant6+7 DBS Simultaneous	WLAN6GHz Ant6+7 DBS Simultaneous	NFC						
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	Summed 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Summed 10g SAR (W/kg)
Front		0.985	0.130			0.626	0.130	0.001	0.000	0.985	0.130	0.626	0.130	**0.985**
Back	0.529	0.716	0.059		0.264	0.716	0.059	0.020	0.529	0.716	0.059	0.980	0.323	**0.980**
Left Side		0.079				0.079		0.001	0.000	0.079	0.000	0.079	0.000	**0.079**
Right Side	0.808	0.999	0.158		0.448	0.800	0.158	0.001	0.808	0.999	0.158	1.248	0.606	**1.248**
Top Side		0.973	0.342			0.626	0.342	0.001	0.000	0.973	0.342	0.626	0.342	**0.973**
Bottom Side								0.001						**0.001**

<Simultaneous Transmission analysis of AG0 + AG1 + WLAN/BT Worse-case+NFC>:

Test Position	AG1	AG0	WLAN/BT worst case	NFC	AG1+AG0+WLAN +BT worse case+NFC
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)
Front	2.424	3.173	0.985	0.001	**6.58**
Back	2.256	3.188	0.980	0.020	**6.44**
Left Side	2.474	3.196	0.079	0.001	**5.75**
Right Side	2.635	2.952	1.248	0.001	**6.84**
Top Side	2.751		0.973	0.001	3.73
Bottom Side	0.000	3.196	0.001	0.001	3.20

Note: The results marked yellow in above table refers to the detailed analysis corresponding to each position below tables.

Front						
Ant combination	AG0	AG1	WLAN/BT worst case	NFC	AG1+AG0+WLAN +BT worst case+NFC	Note
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	
Ant0-Ant1	3.173	2.424	0.985	0.001	**6.58**	**Case 1**
Ant0-Ant4	3.173	2.265	0.985	0.001	**6.42**	**Case 2**
Ant0-Ant5	3.173		0.985	0.001	**4.16**	**Case 3**
Ant0-Ant6	3.173	1.249	0.985	0.001	**5.41**	**Case 4**
Ant0-Ant7	3.173	2.308	0.985	0.001	**6.47**	**Case 5**
Ant0-Ant10	3.173		0.985	0.001	**4.16**	**Case 6**
Ant2-Ant1	2.861	2.424	0.985	0.001	**6.27**	**Case 7**
Ant2-Ant4	2.861	2.265	0.985	0.001	**6.11**	**Case 8**
Ant2-Ant5	2.861		0.985	0.001	3.85	-
Ant2-Ant6	2.861	1.249	0.985	0.001	**5.10**	**Case 9**
Ant2-Ant7	2.861	2.308	0.985	0.001	**6.16**	**Case 10**
Ant2-Ant10	2.861		0.985	0.001	3.85	-

Back						
Ant combination	AG0	AG1	WLAN/BT worst case	NFC	AG1+AG0+WLAN +BT worst case+NFC	Note
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	
Ant0-Ant1	3.188	2.256	0.980	0.020	**6.44**	**Case 11**
Ant0-Ant4	3.188	2.057	0.980	0.020	**6.25**	**Case 12**
Ant0-Ant5	3.188		0.980	0.020	**4.19**	**Case 13**
Ant0-Ant6	3.188	0.875	0.980	0.020	**5.06**	**Case 14**
Ant0-Ant7	3.188	0.855	0.980	0.020	**5.04**	**Case 15**
Ant0-Ant10	3.188	2.013	0.980	0.020	**6.20**	**Case 16**
Ant2-Ant1	2.811	2.256	0.980	0.020	**6.07**	**Case 17**
Ant2-Ant4	2.811	2.057	0.980	0.020	**5.87**	**Case 18**
Ant2-Ant5	2.811		0.980	0.020	3.81	
Ant2-Ant6	2.811	0.875	0.980	0.020	**4.69**	**Case 19**
Ant2-Ant7	2.811	0.855	0.980	0.020	**4.67**	**Case 20**
Ant2-Ant10	2.811	2.013	0.980	0.020	**5.82**	**Case 21**

Left Side						
Ant combination	AG0	AG1	WLAN/BT worst case	NFC	AG1+AG0+WLAN +BT worst case+NFC	Note
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	
Ant0-Ant1	3.196	1.765	0.079	0.001	**5.04**	**Case 22**
Ant0-Ant4	3.196	2.474	0.079	0.001	**5.75**	**Case 23**
Ant0-Ant5	3.196		0.079	0.001	3.28	-
Ant0-Ant6	3.196		0.079	0.001	3.28	-
Ant0-Ant7	3.196		0.079	0.001	3.28	-
Ant0-Ant10	3.196		0.079	0.001	3.28	-
Ant2-Ant1		1.765	0.079	0.001	1.84	-
Ant2-Ant4		2.474	0.079	0.001	2.55	-
Ant2-Ant5			0.079	0.001	0.08	-
Ant2-Ant6			0.079	0.001	0.08	-
Ant2-Ant7			0.079	0.001	0.08	-
Ant2-Ant10			0.079	0.001	0.08	-

Right Side						
Ant combination	AG0	AG1	WLAN/BT worst case	NFC	AG1+AG0+WLAN +BT worst case	Note
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	
Ant0-Ant1			1.248	0.001	1.25	-
Ant0-Ant4			1.248	0.001	1.25	-
Ant0-Ant5			1.248	0.001	1.25	-
Ant0-Ant6		2.635	1.248	0.001	3.88	-
Ant0-Ant7		0.319	1.248	0.001	1.57	-
Ant0-Ant10			1.248	0.001	1.25	-
Ant2-Ant1	2.952		1.248	0.001	**4.20**	**Case 24**
Ant2-Ant4	2.952		1.248	0.001	**4.20**	**Case 25**
Ant2-Ant5	2.952		1.248	0.001	**4.20**	**Case 26**
Ant2-Ant6	2.952	2.635	1.248	0.001	**6.84**	**Case 27**
Ant2-Ant7	2.952	0.319	1.248	0.001	**4.52**	**Case 28**
Ant2-Ant10	2.952		1.248	0.001	**4.20**	**Case 29**

<Simultaneous Transmission analysis of WLAN/BT only without WWAN>:

Test Position	WLAN2.4GHz Ant 3+5 Standalone	WLAN5GHz Ant 6+7 Standalone	WLAN2.4GHz Ant 3+5 DBS only	WLAN5GHz Ant 6+7 DBS only	WLAN6GHz Ant 6+7 Standalone&DBS Only	BT Ant 3	NFC	WLAN2.4GHz Ant3+5+BT+NFC	WLAN5GHz Ant6+7+BT+NFC	WLAN6GHz Ant6+7+BT+NFC	WLAN2.4GHz Ant3+5+WLAN5Gz Ant 6+7+NFC	WLAN2.4GHz Ant3+5+WLAN6Gz Ant 6+7+NFC
Front		1.504	1.795	2.102	0.130		0.001	0.00	1.51	0.13	3.90	1.93
Back	1.543	0.716	1.795	2.102	0.059		0.020	1.56	0.74	0.08	**3.92**	1.87
Left Side		0.079	1.795	2.102			0.001	0.00	0.08	0.00	3.90	1.80
Right Side	2.175	0.999	1.795	2.102	0.158		0.001	2.18	1.00	0.16	3.90	1.95
Top Side		2.745	1.795	2.102	0.342		0.001	0.00	2.75	0.34	3.90	2.14
Bottom Side			1.795	2.102			0.001	0.00	0.00	0.00	3.90	1.80

<Sensor off>

General Note: The unit of SAR evaluation is W/kg.

Simultaneous Transmission Evaluation of WWAN+WLAN+BT+NFC:

<AG0 maximum reported SAR>:

Test Position	Ant0	Ant2	MAX
Front	2.058	1.185	2.058
Back	0.677	0.873	0.873
Left Side	1.188		1.188
Right Side		0.293	0.293
Top Side			
Bottom Side	1.410	0.629	1.410

<AG1 maximum reported SAR>:

Test Position	Ant1	Ant4	Ant5	Ant6	MAX
Front	1.254	2.013		1.099	2.013
Back	1.200	1.636		1.166	1.636
Left Side	2.089	1.869			2.089
Right Side				1.289	1.289
Top Side	1.165			0.652	1.165
Bottom Side					

<WLAN2.4GHz/5GHz/6GHz /BT Worse-case SAR>

NO	1	2	3	4	5	6	7	1+4	2+4	3+4	5+6	5+7	WLAN+BT worse case
Test Position	WLAN2.4GHz Ant3+5 Simultaneous	WLAN5GHz Ant6+7 Simultaneous	WLAN6GHz Ant6+7 Simultaneous	BT Ant3	WLAN2.4GHz Ant3+5 DBS Simultaneous	WLAN5GHz Ant6+7 DBS Simultaneous	WLAN6GHz Ant6+7 DBS Simultaneous						
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	Summed 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Summed 10g SAR (W/kg)
Front		0.788	0.120			0.788	0.120	0.000	0.788	0.120	0.788	0.120	**0.788**
Back	0.436	0.537	0.052		0.436	0.537	0.052	0.436	0.537	0.052	0.973	0.488	**0.973**
Left Side								0.000	0.000	0.000	0.000	0.000	**0.000**
Right Side	0.689	0.433	0.128		0.689	0.433	0.128	0.689	0.433	0.128	1.122	0.817	**1.122**
Top Side		1.365	0.211			1.365	0.211	0.000	1.365	0.211	1.365	0.211	**1.365**
Bottom Side													**0.000**

<Simultaneous Transmission analysis of AG0 + AG1 + WLAN/BT Worse-case >:

Test Position	AG1	AG0	WLAN/BT worst case	AG1+AG0+WLAN +BT worse case
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)
Front	2.013	2.058	0.788	**4.86**
Back	1.636	0.873	0.973	3.48
Left Side	2.089	1.188	0.000	3.28
Right Side	1.289	0.293	1.122	2.70
Top Side	1.165		1.365	2.53
Bottom Side	0.000	1.410	0.000	1.41

Note: The results marked yellow in above table refers to the detailed analysis corresponding to each position below tables.

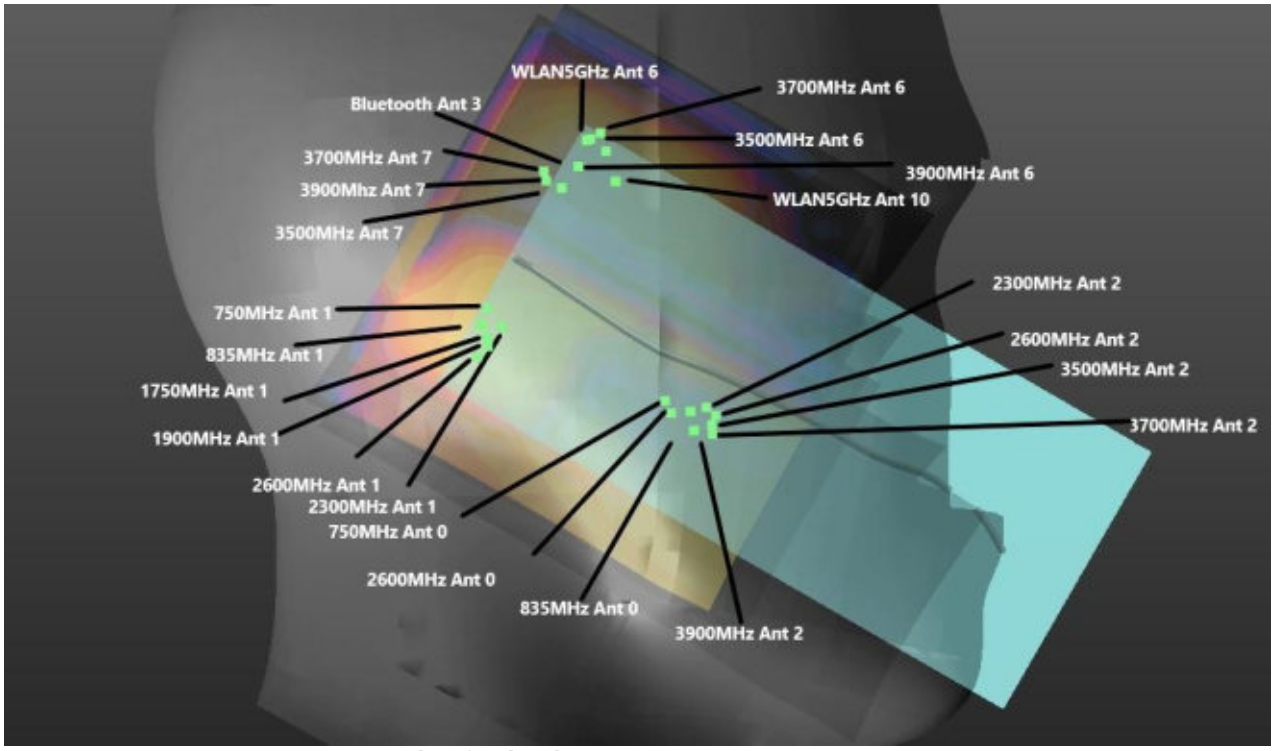
Front					
Ant combination	**AG0**	**AG1**	**WLAN/BT worst case**	**AG1+AG0+WLAN +BT worst case**	**Note**
	10g SAR (W/kg)	**10g SAR (W/kg)**	**10g SAR (W/kg)**	**10g SAR (W/kg)**	
Ant0-Ant1	2.058	1.254	0.788	**4.10**	**Case 1**
Ant0-Ant4	2.058	2.013	0.788	**4.86**	**Case 2**
Ant0-Ant5	2.058		0.788	2.85	
Ant0-Ant6	2.058	1.099	0.788	3.95	
Ant0-Ant7	2.058		0.788	2.85	
Ant0-Ant10	2.058		0.788	2.85	
Ant2-Ant1	1.068	1.254	0.788	3.11	
Ant2-Ant4	1.068	2.013	0.788	3.87	
Ant2-Ant5	1.068		0.788	1.86	
Ant2-Ant6	1.068	1.099	0.788	2.96	
Ant2-Ant7	1.068		0.788	1.86	

Ant2-Ant10	1.068		0.788	1.86	-

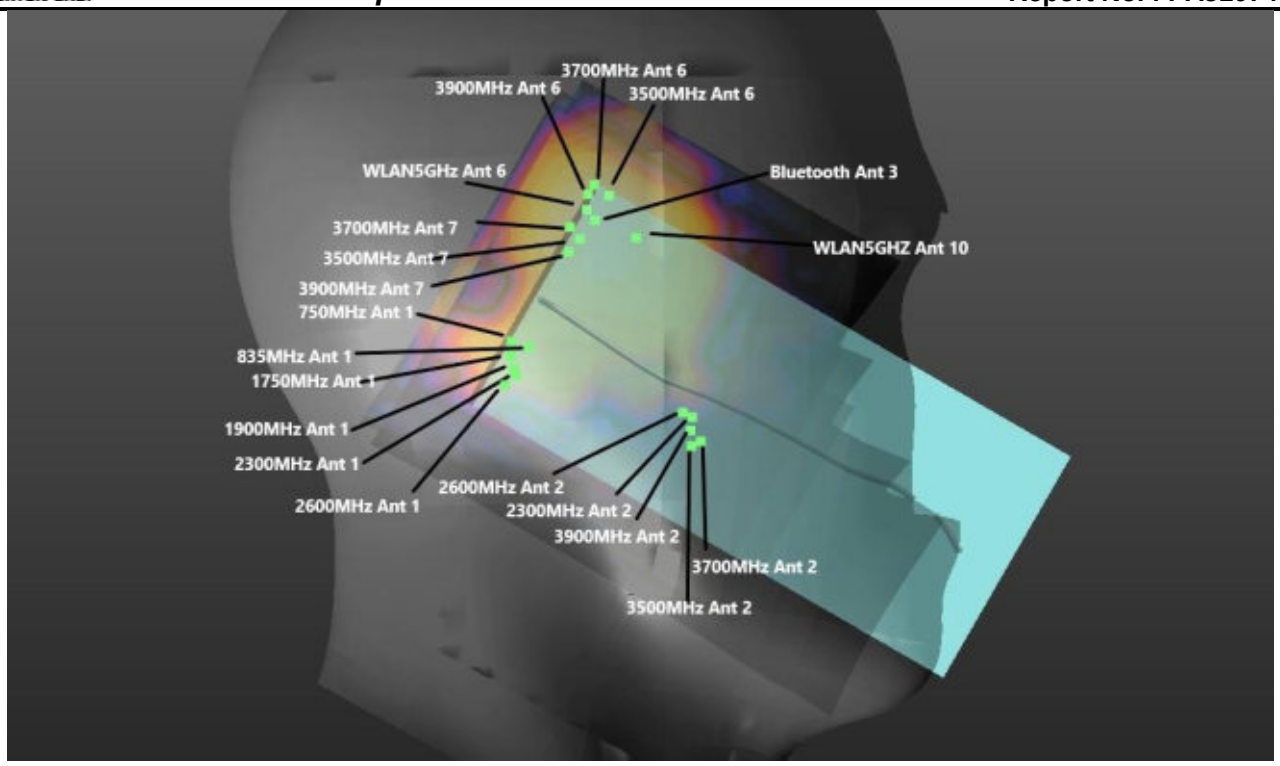
17.6 SPLSR Evaluation and Analysis

General Note:

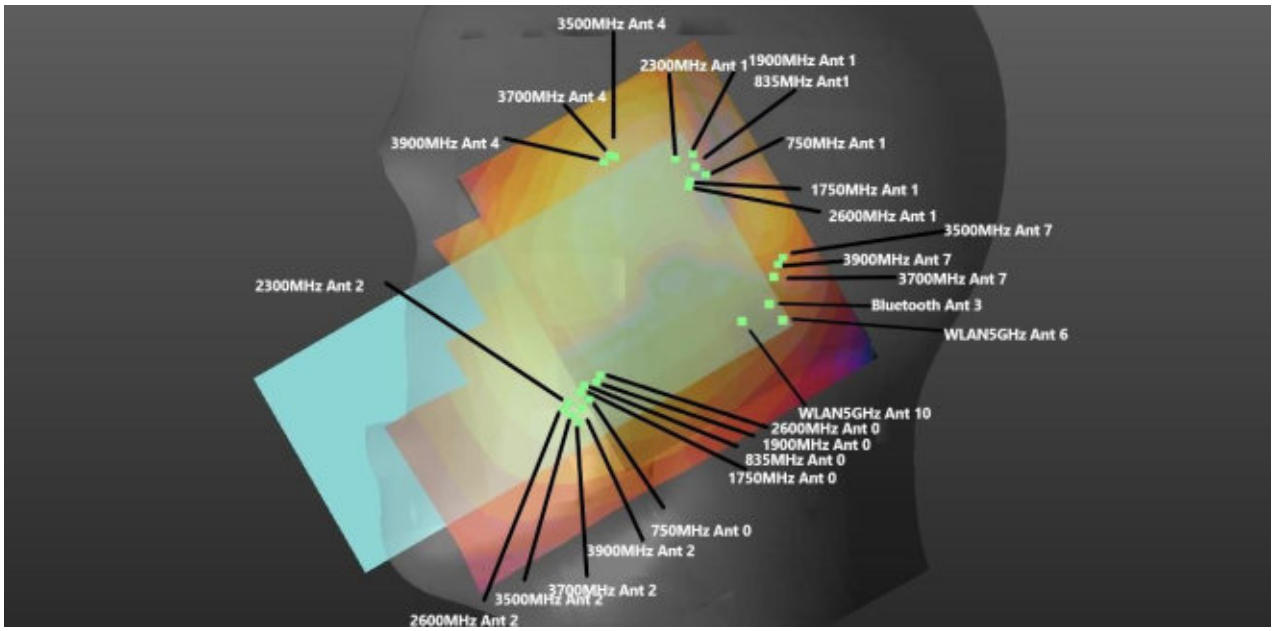
1. When standalone SAR is measured for both antennas in the pair, the peak location separation distance is computed by the square root of [(x1−x2)2 + (y1−y2)2 + (z1−z2)2], where (x1, y1, z1) and (x2, y2, z2) are the coordinates in the area scans or extrapolated peak SAR locations in the zoom scans, as appropriate.
2. SPLSR = (SAR1 + SAR2)1.5 / (min. separation distance, mm). If SPLSR ≤ 0.04 for 1g SAR and SPLSR ≤ 0.10 for 10g SAR, simultaneously transmission SAR measurement is not necessary.
3. Per April 2022 TCB Workshop Notes, WLAN /BT/ NFC was summed algebraically with the AG1 for the purposes of hybrid SPLSR combination and they are located at the top of the device.
4. Per April 2022 TCB Workshop, instead of doing a small volume scan over a co-located antenna pair, used summing the SAR values of the co-located pair and using that value in SPLSR calculation. In the calculation used the minimum distance between the spatially separated antenna and the closest antenna of the co-located antenna pair to be conservative.
5. The detail hotspot point for each transmitter in each exposure condition are showing as below figure and the minimum 3D distance for each sum combination is used for SPLSR analysis.
6. The axis peak locations refer to Section 17.7.



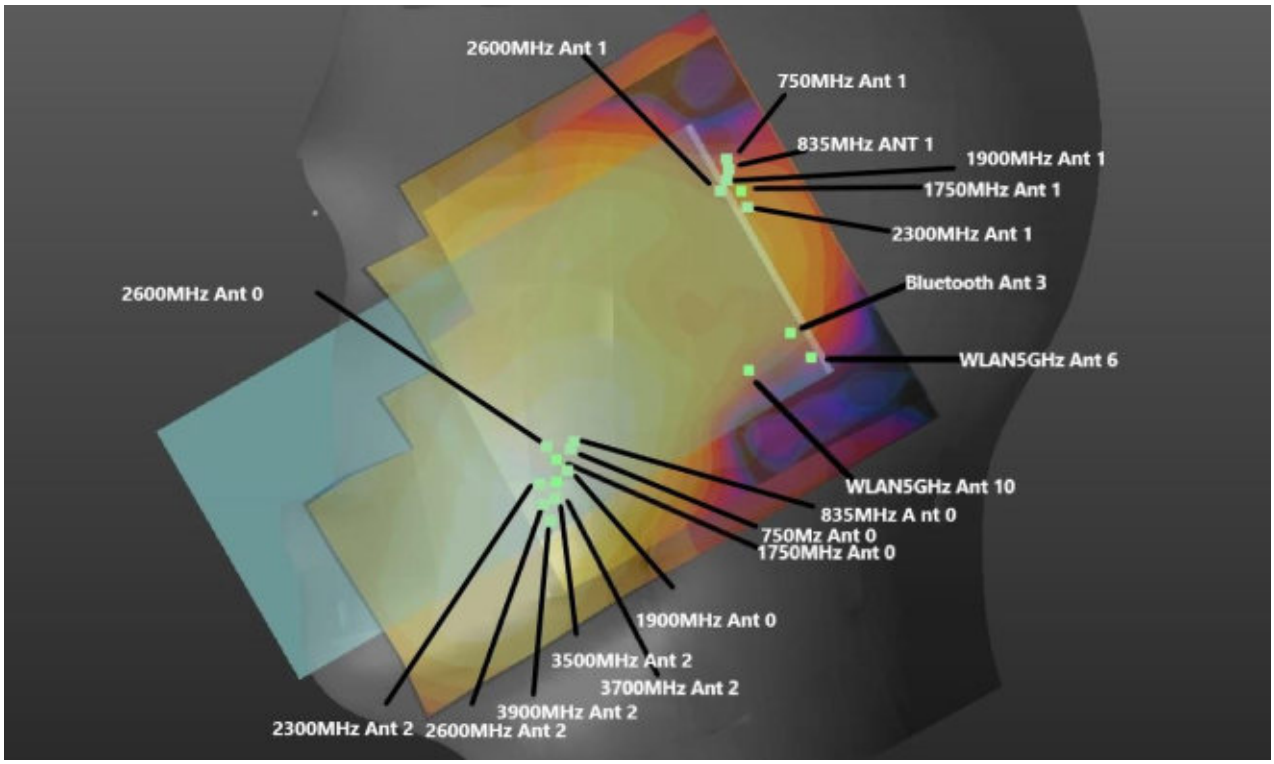
Head Left Cheek WWAN+WLAN5G+BT 0mm



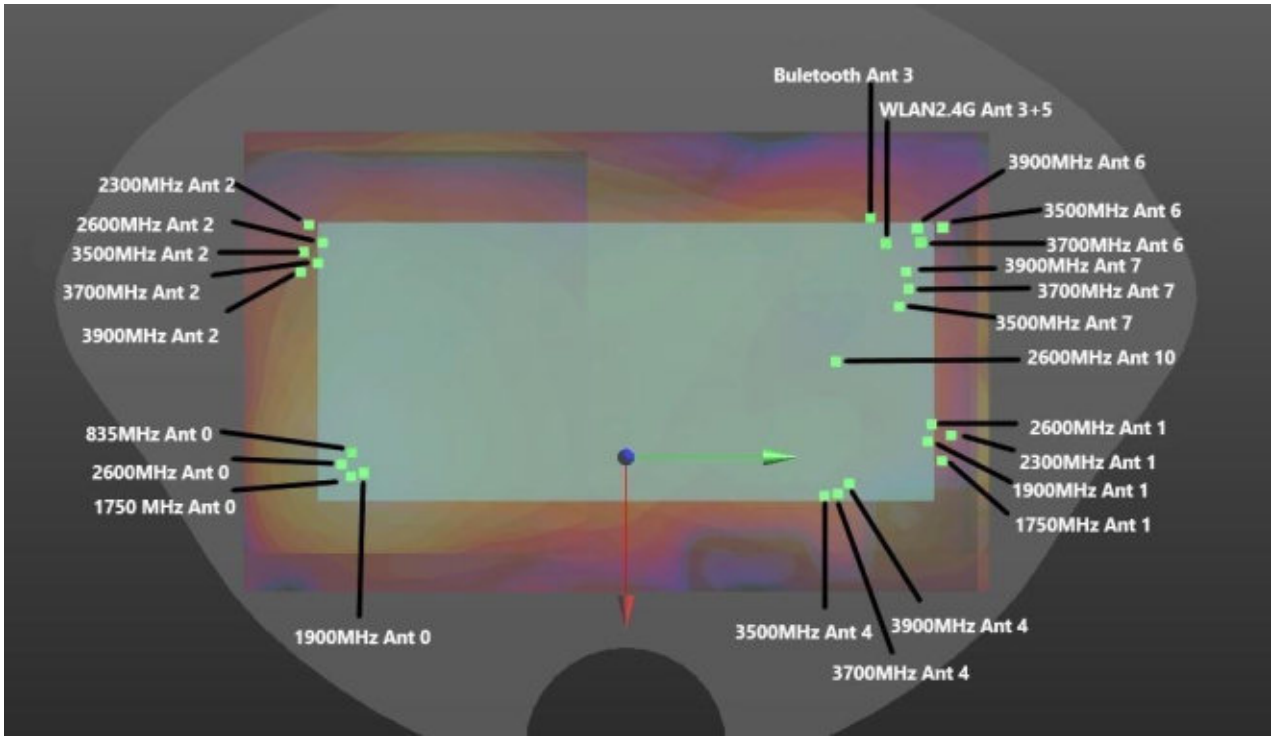
Head Left Tilted WWAN+WLAN5G+BT 0mm



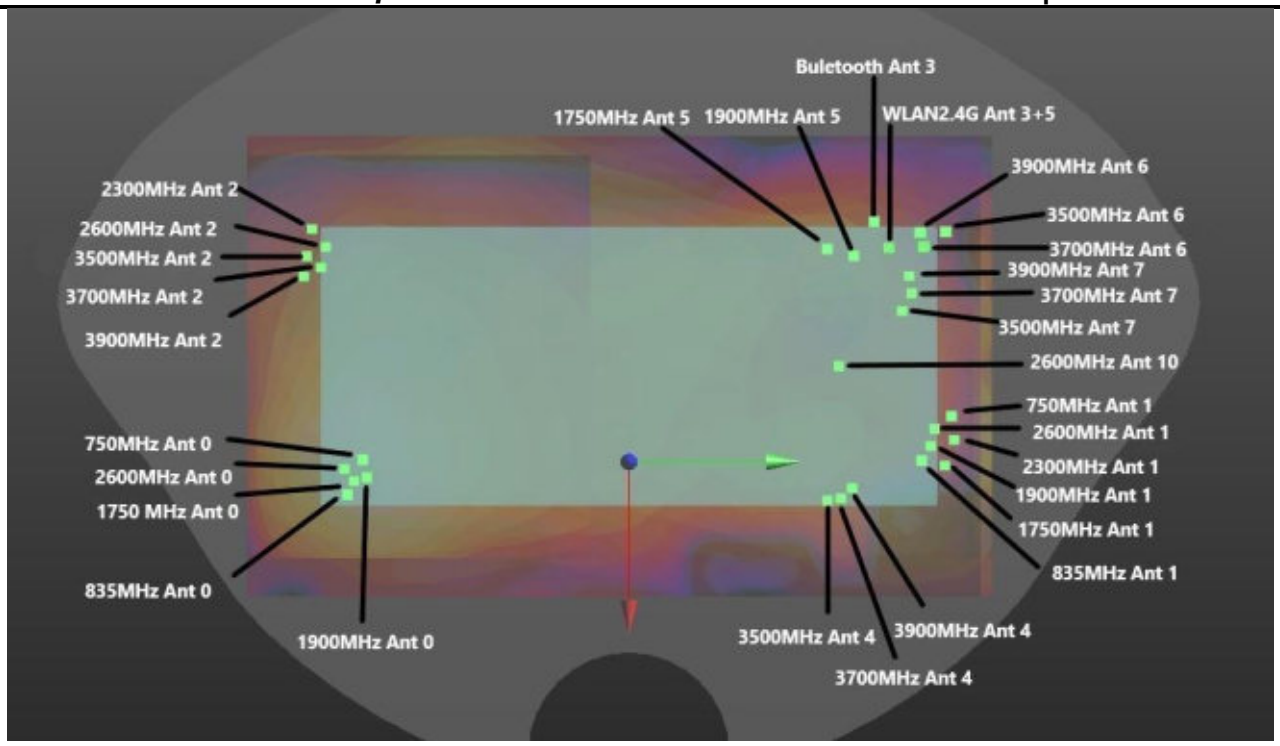
Head Right Cheek WWAN+WLAN5G+BT 0mm



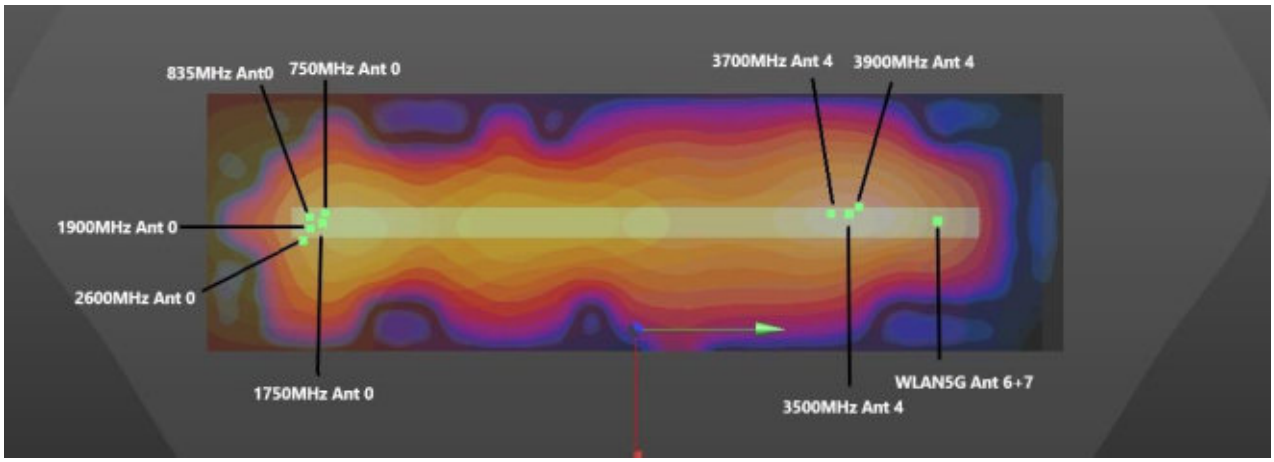
Head Right Tilted WWAN+WLAN5G+BT 0mm



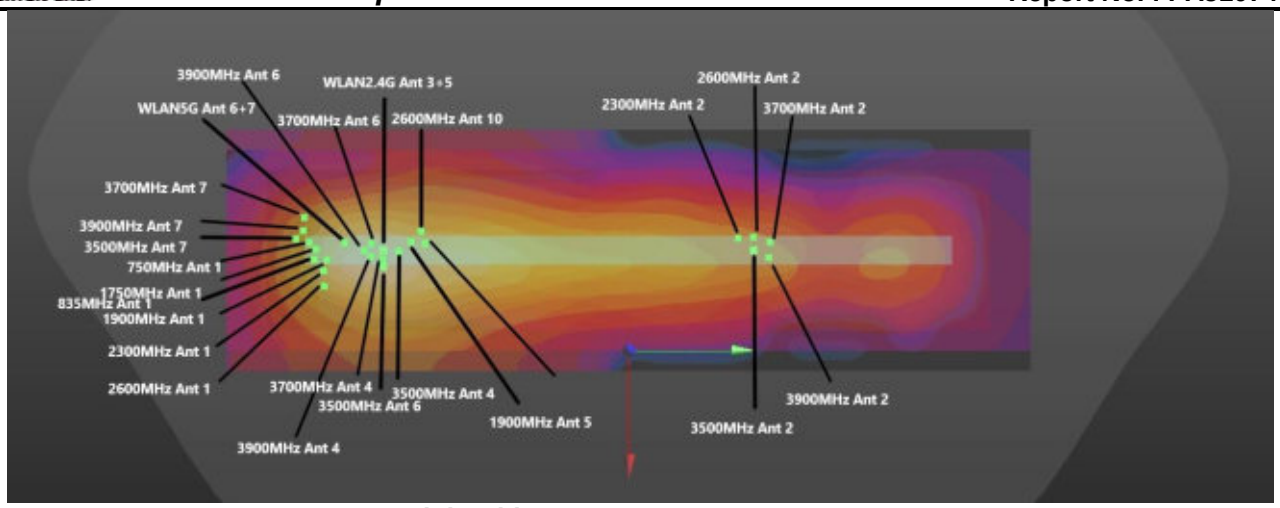
Hotspot Back 5mm WWAN+WLAN2.4G+BT



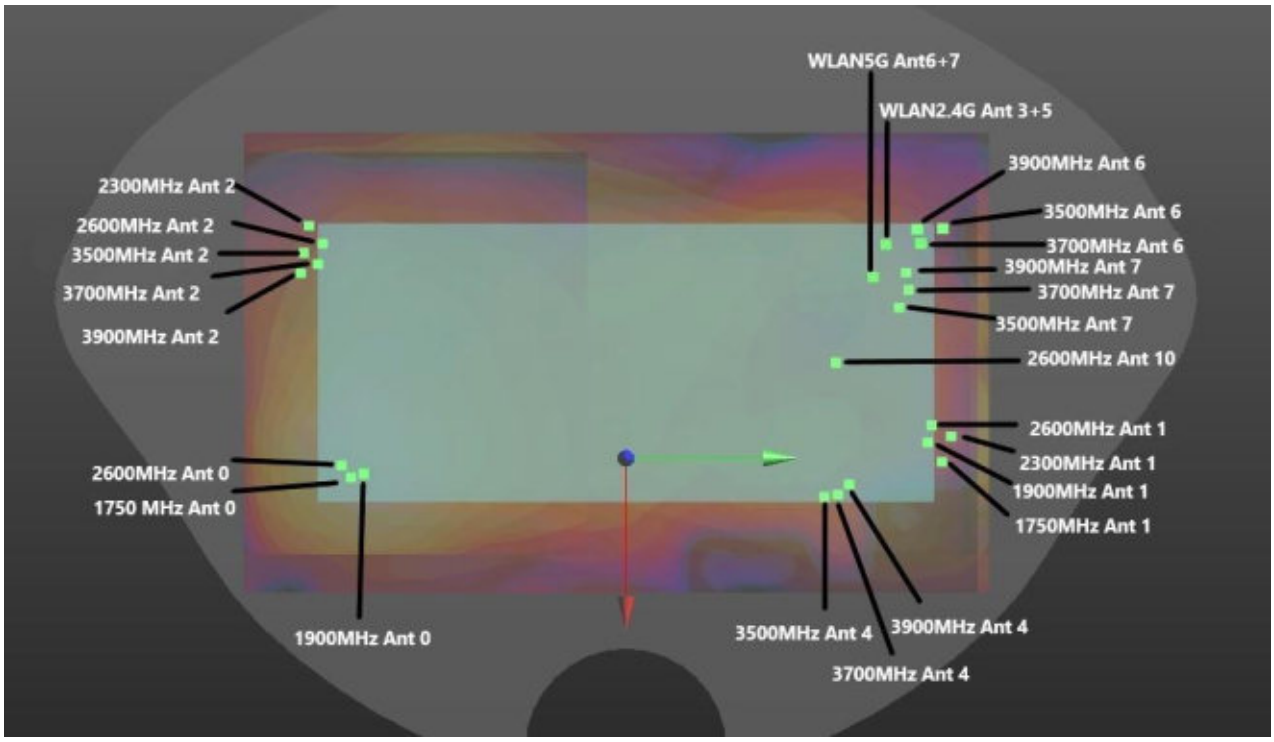
Hotspot Front 5mm WWAN+WLAN2.4G+WLAN5G



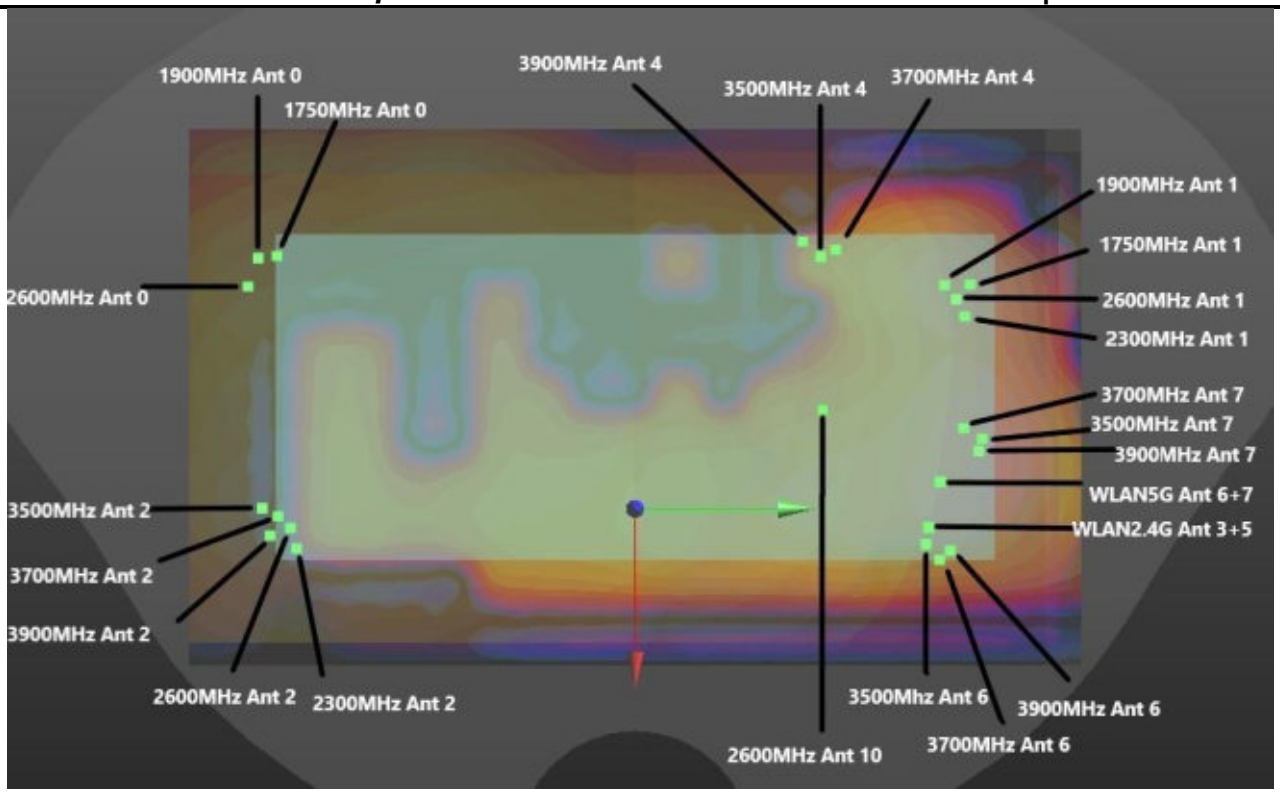
Hotspot Left Side 5mm WWAN+WLAN5G



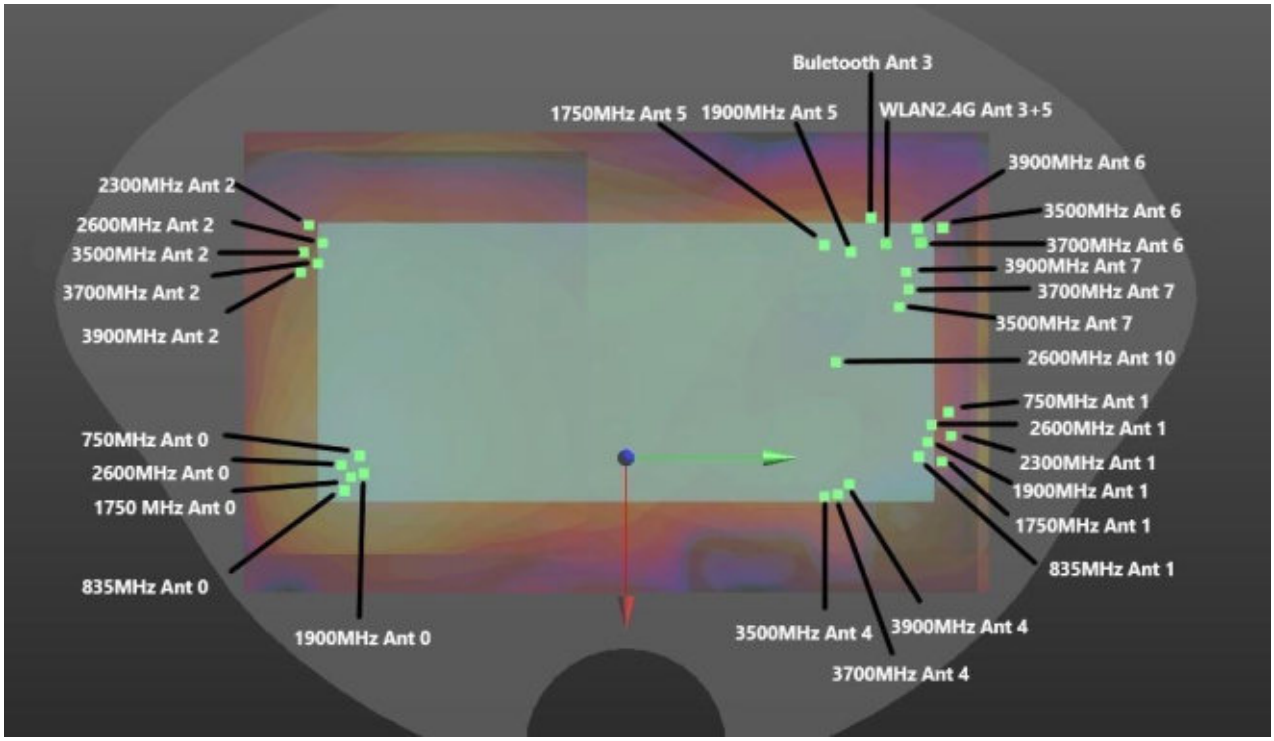
Hotspot Right Side 5mm WWAN+WLAN5G+WLAN2.4G



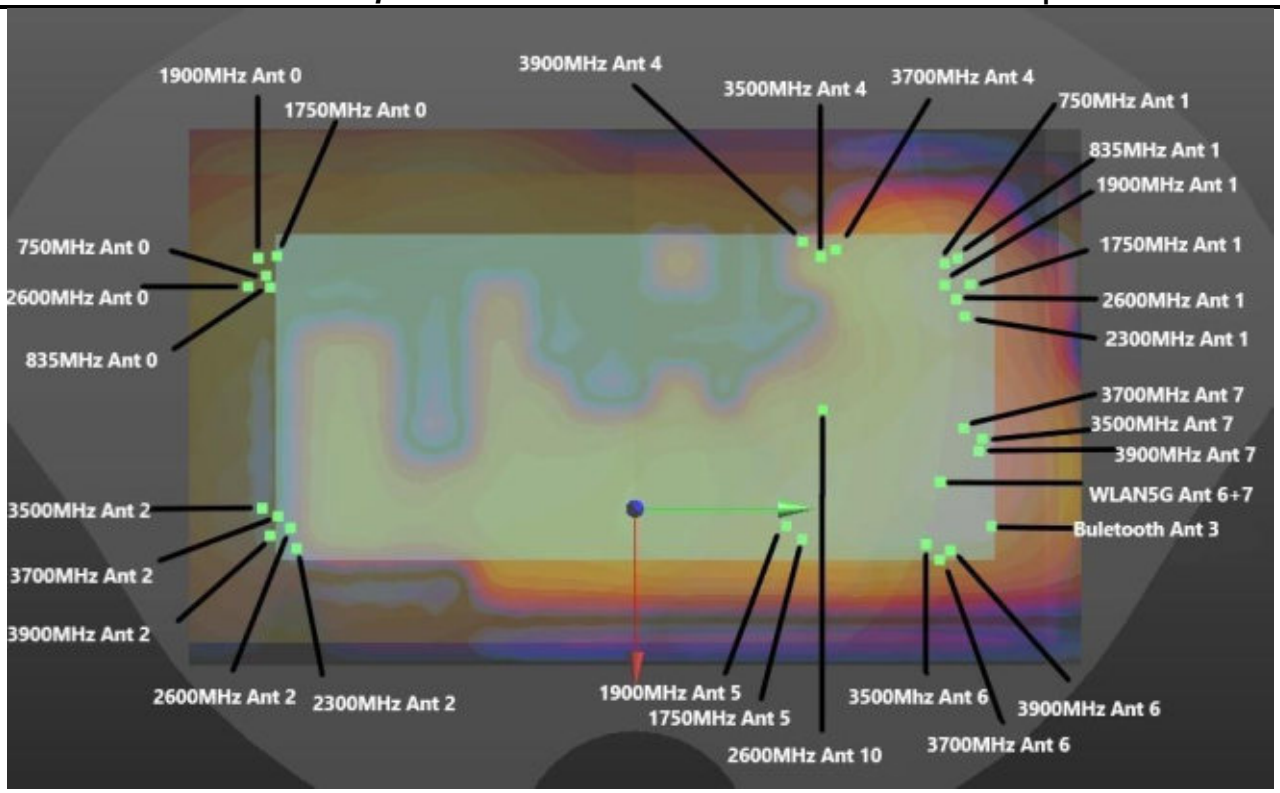
Body worn (n-1) Back 18mm WWAN+WLAN2.4G+WLAN5G



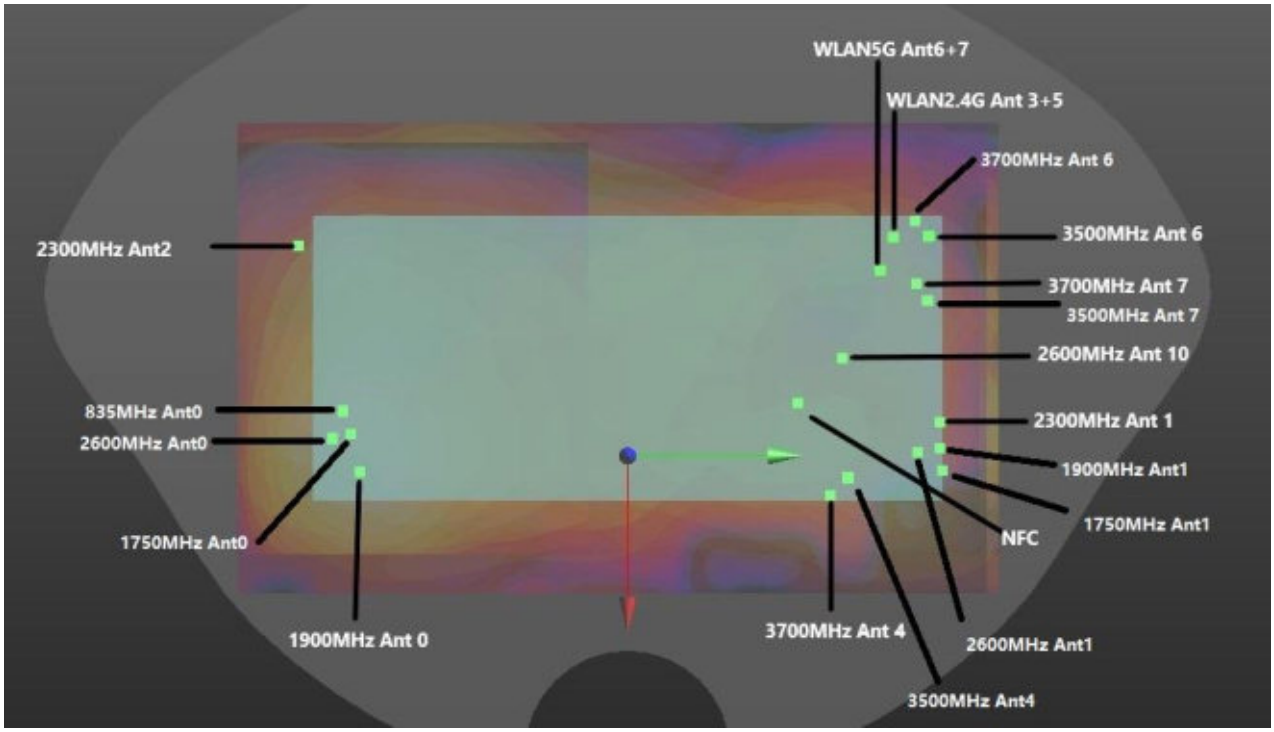
Body worn (n-1) Front 15mm WWAN+WLAN2.4G+WLAN5G



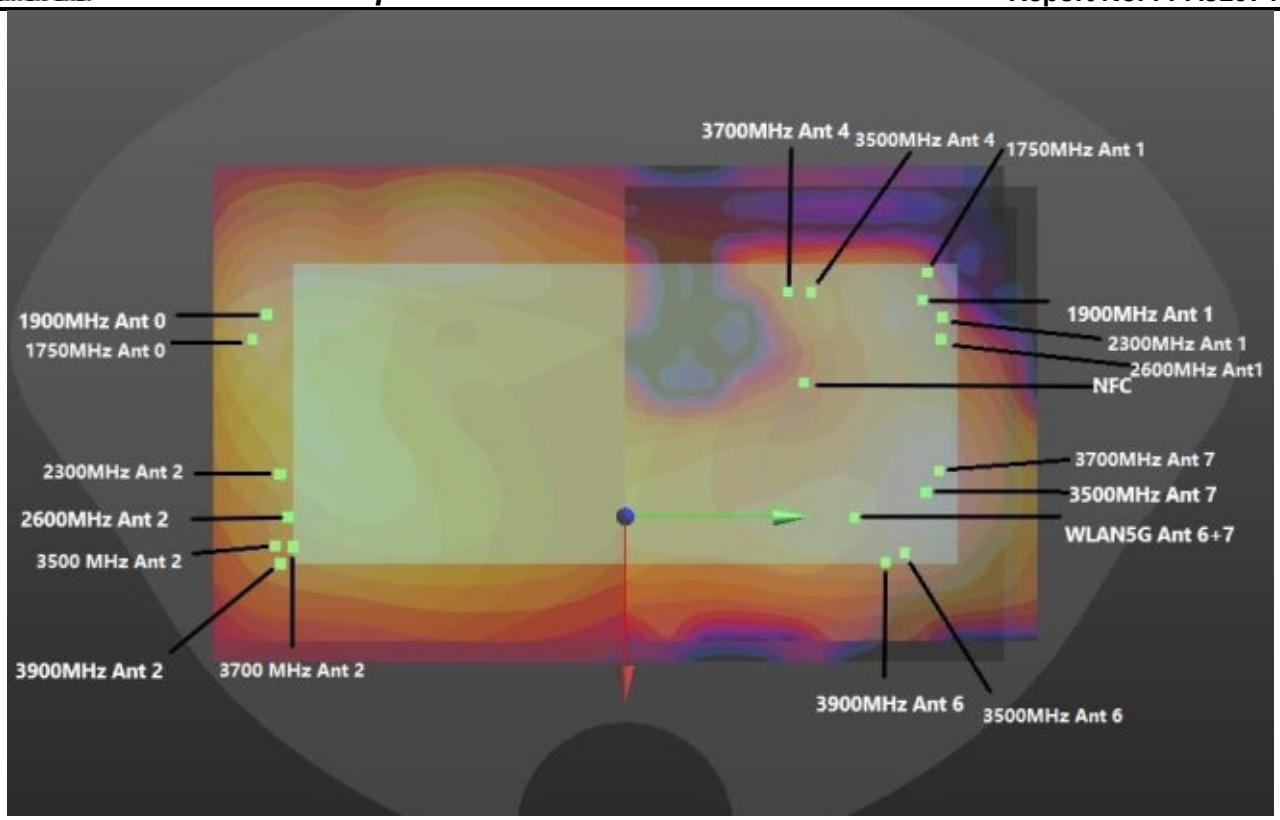
Body-worn Back 5mm WWAN+WLAN2.4G+BT



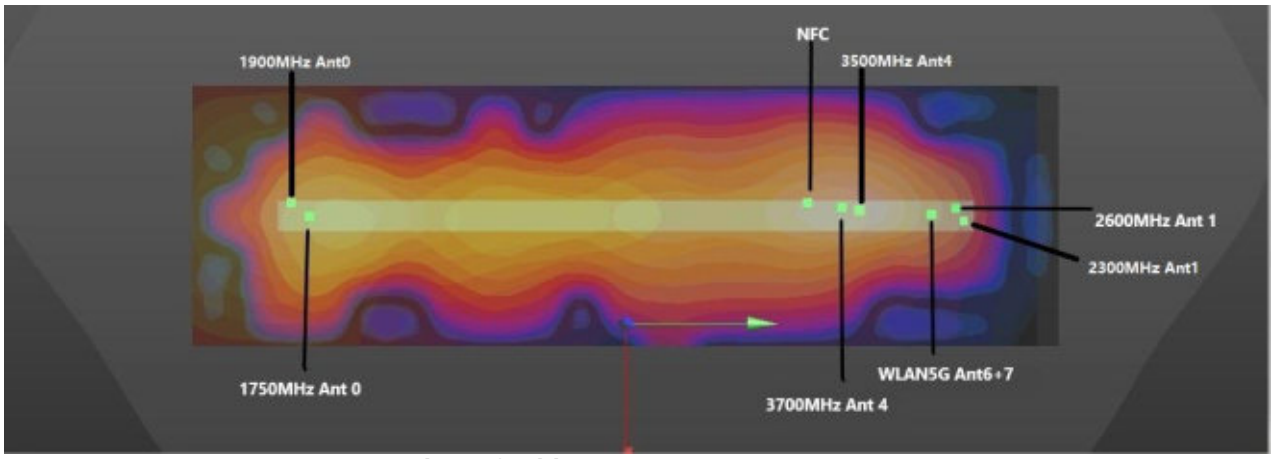
Body-worn Front 5mm WWAN+WLAN5G+BT



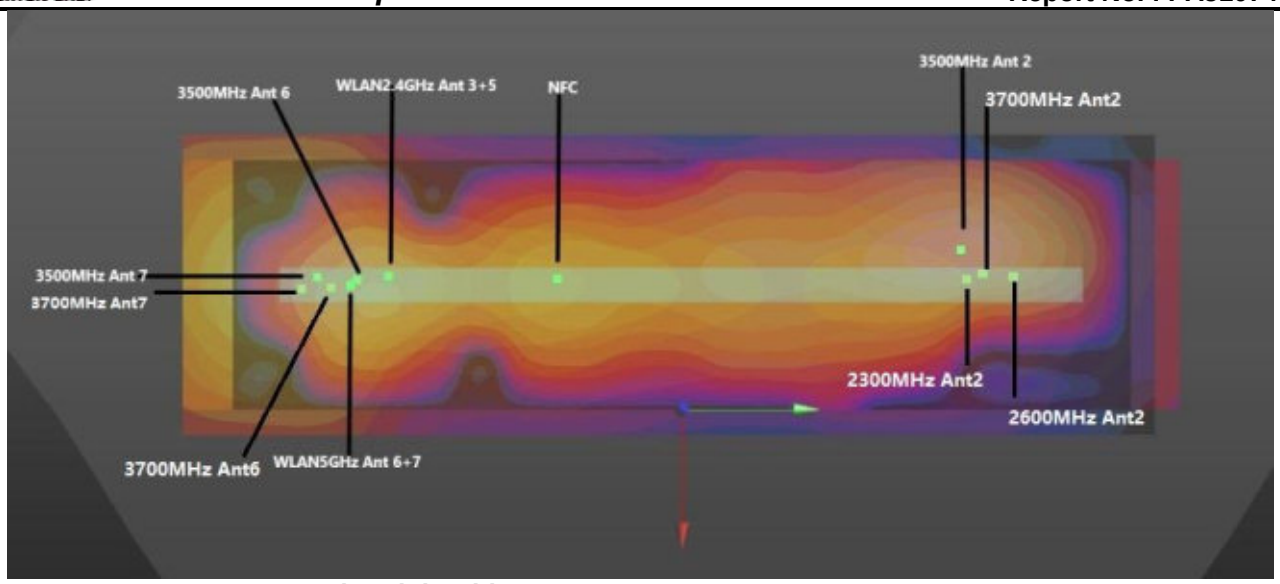
Extremity Back 0mm WWAN+WLAN2.4G+WLAN5G+NFC



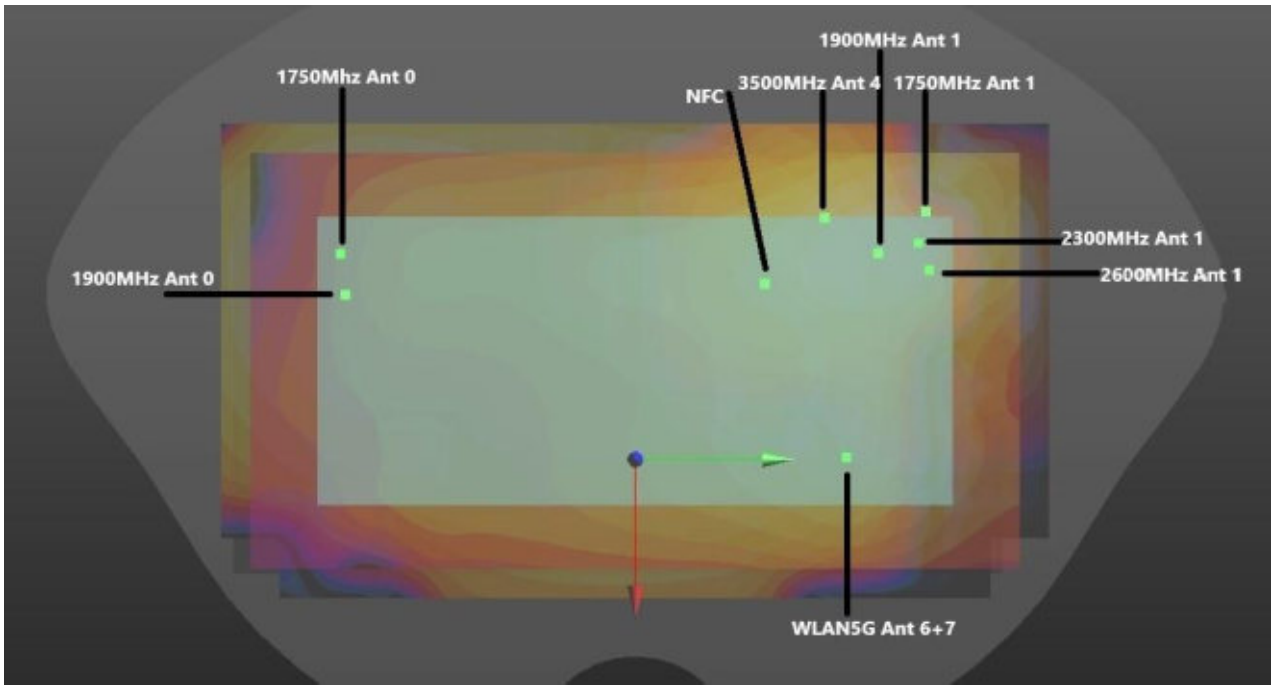
Extremity Front 0mm WWAN+WLAN5G+NFC



Extremity Left Side 0mm WWAN+WLAN5G+NFC



Extremity Right Side 0mm WWAN+WLAN5G+WLAN2.4G+NFC



Extremity (n-1) Front 1mm WWAN+WLAN5G+NFC

<Head>

No.1 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Right Cheek	0.287	0.287	0mm	42.4	148	92.5	75.0	1.64	0.03	Not required
Ant 1		0.951	1.353	0mm	78.2	82.1	94.9				
WLAN 5G Ant6		0.260		0mm							
WLAN 5G Ant10		0.058		0mm							
BT Ant 3		0.084		0mm							
Ant 0	Right Cheek	0.287	0.287	0mm	42.4	148	92.5	68.7	1.64	0.03	Not required
Ant 1		0.951	1.353	0mm							
WLAN 5G Ant6		0.260		0mm	30.1	80.5	88.6				
WLAN 5G Ant10		0.058		0mm							
BT Ant 3		0.084		0mm							
Ant 0	Right Cheek	0.287	0.287	0mm	42.4	148	92.5	78.4	1.64	0.03	Not required
Ant 1		0.951	1.353	0mm							
WLAN 5G Ant6		0.260		0mm							
WLAN 5G Ant10		0.058		0mm	42.2	70.1	83.8				
BT Ant 3		0.084		0mm							
Ant 0	Right Cheek	0.287	0.287	0mm	42.4	148	92.5	63.4	1.64	0.03	Not required
Ant 1		0.951	1.353	0mm							
WLAN 5G Ant6		0.260		0mm							
WLAN 5G Ant10		0.058		0mm							
BT Ant 3		0.084		0mm	44.8	85.2	84.3				

No.2 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Right Cheek	0.287	0.287	0mm	42.4	148	92.5	67.1	1.60	0.03	Not required
Ant 4		0.912	1.314	0mm	94.3	105.6	90.1				
WLAN 5G Ant6		0.260		0mm							
WLAN 5G Ant10		0.058		0mm							
BT Ant 3		0.084		0mm							
Ant 0	Right Cheek	0.287	0.287	0mm	42.4	148	92.5	68.7	1.60	0.03	Not required
Ant 4		0.912	1.314	0mm							
WLAN 5G Ant6		0.260		0mm	30.1	80.5	88.6				
WLAN 5G Ant10		0.058		0mm							
BT Ant 3		0.084		0mm							
Ant 0	Right Cheek	0.287	0.287	0mm	42.4	148	92.5	78.4	1.60	0.03	Not required
Ant 4		0.912	1.314	0mm							
WLAN 5G Ant6		0.260		0mm							
WLAN 5G Ant10		0.058		0mm	42.2	70.1	83.8				
BT Ant 3		0.084		0mm							
Ant 0	Right Cheek	0.287	0.287	0mm	42.4	148	92.5	63.4	1.60	0.03	Not required
Ant 4		0.912	1.314	0mm							
WLAN 5G Ant6		0.260		0mm							
WLAN 5G Ant10		0.058		0mm							
BT Ant 3		0.084		0mm	44.8	85.2	84.3				

No.3 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Right Cheek	0.623	0.623	0mm	29.8	146.7	92.6	80.8	1.98	0.03	Not required
Ant 1		0.951	1.353	0mm	78.2	82.1	94.9				
WLAN 5G Ant6		0.260		0mm							
WLAN 5G Ant10		0.058		0mm							
BT Ant 3		0.084		0mm							
Ant 2	Right Cheek	0.623	0.623	0mm	29.8	146.7	92.6	66.3	1.98	0.04	Not required
Ant 1		0.951	1.353	0mm							
WLAN 5G Ant6		0.260		0mm	30.1	80.5	88.6				
WLAN 5G Ant10		0.058		0mm							

BT Ant 3		0.084		0mm							
Ant 2	Right Cheek	0.623	0.623	0mm	29.8	146.7	92.6	78.1	1.98	0.04	Not required
Ant 1		0.951	1.353	0mm							
WLAN 5G Ant6		0.260		0mm							
WLAN 5G Ant10		0.058		0mm	42.2	70.1	83.8				
BT Ant 3		0.084		0mm							
Ant 2	Right Cheek	0.623	0.623	0mm	29.8	146.7	92.6	63.8	1.98	0.04	Not required
Ant 1		0.951	1.353	0mm							
WLAN 5G Ant6		0.260		0mm							
WLAN 5G Ant10		0.058		0mm							
BT Ant 3		0.084		0mm	44.8	85.2	84.3				

No.4 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Right Cheek	0.623	0.623	0mm	29.8	146.7	92.6	76.5	1.94	0.04	Not required
Ant 4		0.912	1.314	0mm	94.3	105.6	90.1				
WLAN 5G Ant6		0.260		0mm							
WLAN 5G Ant10		0.058		0mm							
BT Ant 3		0.084		0mm							
Ant 2	Right Cheek	0.623	0.623	0mm	29.8	146.7	92.6	66.3	1.94	0.04	Not required
Ant 4		0.912	1.314	0mm							
WLAN 5G Ant6		0.260		0mm	30.1	80.5	88.6				
WLAN 5G Ant10		0.058		0mm							
BT Ant 3		0.084		0mm							
Ant 2	Right Cheek	0.623	0.623	0mm	29.8	146.7	92.6	78.1	1.94	0.03	Not required
Ant 4		0.912	1.314	0mm							
WLAN 5G Ant6		0.260		0mm							
WLAN 5G Ant10		0.058		0mm	42.2	70.1	83.8				
BT Ant 3		0.084		0mm							
Ant 2	Right Cheek	0.623	0.623	0mm	29.8	146.7	92.6	63.8	1.94	0.04	Not required
Ant 4		0.912	1.314	0mm							
WLAN 5G Ant6		0.260		0mm							
WLAN 5G Ant10		0.058		0mm							
BT Ant 3		0.084		0mm	44.8	85.2	84.3				

No.7 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Right Tilted	0.438	0.438	0mm	74.8	130.4	98.6	50.6	1.73	0.04	Not required
Ant 1		0.893	1.289	0mm	73.8	80	94.6				
WLAN 5G Ant6		0.193		0mm							
WLAN 5G Ant10		0.135		0mm							
BT Ant 3		0.068		0mm							
Ant 2	Right Tilted	0.438	0.438	0mm	74.8	125.4	98.6	64.8	1.73	0.04	Not required
Ant 1		0.893	1.289	0mm							
WLAN 5G Ant6		0.193		0mm	42.2	71.4	83.8				
WLAN 5G Ant10		0.135		0mm							
BT Ant 3		0.068		0mm							
Ant 2	Right Tilted	0.438	0.438	0mm	74.8	125.4	98.6	61.9	1.73	0.04	Not required
Ant 1		0.893	1.289	0mm							
WLAN 5G Ant6		0.193		0mm							
WLAN 5G Ant10		0.135		0mm	43.5	72.6	90.4				
BT Ant 3		0.068		0mm							
Ant 2	Right Tilted	0.438	0.438	0mm	74.8	125.4	98.6	55.9	1.73	0.04	Not required
Ant 1		0.893	1.289	0mm							
WLAN 5G Ant6		0.193		0mm							
WLAN 5G Ant10		0.135		0mm							
BT Ant 3		0.068		0mm	42.6	80.6	89.3				

No.8 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Left Cheek	0.316	0.316	0mm	71.5	148.7	90.1	91.2	1.81	0.03	Not required
Ant 6		0.910	1.491	0mm	20.2	73.4	94.3				
WLAN 5G Ant6		0.346		0mm							
WLAN 5G Ant10		0.088		0mm							
BT Ant 3		0.147		0mm							
Ant 0	Left Cheek	0.316	0.316	0mm	71.5	148.7	90.1	82.5	1.81	0.03	Not required
Ant 6		0.910	1.491	0mm							
WLAN 5G Ant6		0.346		0mm	26.4	79.7	94.5				
WLAN 5G Ant10		0.088		0mm							
BT Ant 3		0.147		0mm							
Ant 0	Left Cheek	0.316	0.316	0mm	71.5	148.7	90.1	105.9	1.81	0.02	Not required
Ant 6		0.910	1.491	0mm							
WLAN 5G Ant6		0.346		0mm							
WLAN 5G Ant10		0.088		0mm	13.8	60.1	96				
BT Ant 3		0.147		0mm							
Ant 0	Left Cheek	0.316	0.316	0mm	71.5	148.7	90.1	90.4	1.81	0.03	Not required
Ant 6		0.910	1.491	0mm							
WLAN 5G Ant6		0.346		0mm							
WLAN 5G Ant10		0.088		0mm							
BT Ant 3		0.147		0mm	19.8	74.6	93.1				
No.9 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant 0	Left Cheek	0.316	0.316	0mm	71.5	148.7	90.1	82.3	1.82	0.03	Not required
Ant 7		0.925	1.506	0mm	38.8	73.3	94				
WLAN 5G Ant6		0.346		0mm							
WLAN 5G Ant10		0.088		0mm							
BT Ant 3		0.147		0mm							
Ant 0	Left Cheek	0.316	0.316	0mm	71.5	148.7	90.1	82.5	1.82	0.03	Not required
Ant 7		0.925	1.506	0mm							
WLAN 5G Ant6		0.346		0mm	26.4	79.7	94.5				
WLAN 5G Ant10		0.088		0mm							
BT Ant 3		0.147		0mm							
Ant 0	Left Cheek	0.316	0.316	0mm	71.5	148.7	90.1	105.9	1.82	0.02	Not required
Ant 7		0.925	1.506	0mm							
WLAN 5G Ant6		0.346		0mm							
WLAN 5G Ant10		0.088		0mm	13.8	60.1	96				
BT Ant 3		0.147		0mm							
Ant 0	Left Cheek	0.316	0.316	0mm	71.5	148.7	90.1	90.4	1.82	0.03	Not required
Ant 7		0.925	1.506	0mm							
WLAN 5G Ant6		0.346		0mm							
WLAN 5G Ant10		0.088		0mm							
BT Ant 3		0.147		0mm	19.8	74.6	93.1				
No.11 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant 2	Left Cheek	0.406	0.406	0mm	35.6	138	99.2	66.6	1.90	0.04	Not required
Ant 6		0.910	1.491	0mm	20.2	73.4	94.3				
WLAN 5G Ant6		0.346		0mm							
WLAN 5G Ant10		0.088		0mm							
BT Ant 3		0.147		0mm							
Ant 2	Left Cheek	0.406	0.406	0mm	35.6	138	99.2	59.2	1.90	0.04	Not required
Ant 6		0.910	1.491	0mm							
WLAN 5G Ant6		0.346		0mm	26.4	79.7	94.5				
WLAN 5G Ant10		0.088		0mm							

BT Ant 3		0.147		0mm							
Ant 2	Left Cheek	0.406	0.406	0mm	35.6	138	99.2	81.0	1.90	0.03	Not required
Ant 6		0.910	1.491	0mm							
WLAN 5G Ant6		0.346		0mm							
WLAN 5G Ant10		0.088		0mm	13.8	60.1	96				
BT Ant 3		0.147		0mm							
Ant 2	Left Cheek	0.406	0.406	0mm	35.6	138	99.2	65.6	1.90	0.04	Not required
Ant 6		0.910	1.491	0mm							
WLAN 5G Ant6		0.346		0mm							
WLAN 5G Ant10		0.088		0mm							
BT Ant 3		0.147		0mm	19.8	74.6	93.1				

No.12 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Left Cheek	0.406	0.406	0mm	35.6	138	99.2	65.0	1.91	0.04	Not required
Ant 7		0.925	1.506	0mm	38.8	73.3	94				
WLAN 5G Ant6		0.346		0mm							
WLAN 5G Ant10		0.088		0mm							
BT Ant 3		0.147		0mm							
Ant 2	Left Cheek	0.406	0.406	0mm	35.6	138	99.2	59.2	1.91	0.04	Not required
Ant 7		0.925	1.506	0mm							
WLAN 5G Ant6		0.346		0mm	26.4	79.7	94.5				
WLAN 5G Ant10		0.088		0mm							
BT Ant 3		0.147		0mm							
Ant 2	Left Cheek	0.406	0.406	0mm	35.6	138	99.2	81.0	1.91	0.03	Not required
Ant 7		0.925	1.506	0mm							
WLAN 5G Ant6		0.346		0mm							
WLAN 5G Ant10		0.088		0mm	13.8	60.1	96				
BT Ant 3		0.147		0mm							
Ant 2	Left Cheek	0.406	0.406	0mm	35.6	138	99.2	65.6	1.91	0.04	Not required
Ant 7		0.925	1.506	0mm							
WLAN 5G Ant6		0.346		0mm							
WLAN 5G Ant10		0.088		0mm							
BT Ant 3		0.147		0mm	19.8	74.6	93.1				

No.13 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	133.5	93.5	70.4	1.65	0.03	Not required
Ant 1		0.647	1.204	0mm	65.3	72.5	88.4				
WLAN 5G Ant6		0.368		0mm							
WLAN 5G Ant10		0.062		0mm							
BT Ant 3		0.127		0mm							
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	133.5	93.5	59.3	1.65	0.04	Not required
Ant 1		0.647	1.204	0mm							
WLAN 5G Ant6		0.368		0mm	31.3	74.2	94.2				
WLAN 5G Ant10		0.062		0mm							
BT Ant 3		0.127		0mm							
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	133.5	93.5	58.8	1.65	0.04	Not required
Ant 1		0.647	1.204	0mm							
WLAN 5G Ant6		0.368		0mm							
WLAN 5G Ant10		0.062		0mm	22.6	75.3	94.9				
BT Ant 3		0.127		0mm							
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	133.5	93.5	58.0	1.65	0.04	Not required
Ant 1		0.647	1.204	0mm							
WLAN 5G Ant6		0.368		0mm							
WLAN 5G Ant10		0.062		0mm							
BT Ant 3		0.127		0mm	28.6	75.5	93.6				

No.14 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	133.5	93.5	58.0	1.83	0.04	Not required
Ant 6		0.825	1.382	0mm	23.9	75.9	93.6				
WLAN 5G Ant6		0.368		0mm							
WLAN 5G Ant10		0.062		0mm							
BT Ant 3		0.127		0mm							
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	133.5	93.5	59.3	1.83	0.04	Not required
Ant 6		0.825	1.382	0mm							
WLAN 5G Ant6		0.368		0mm	31.3	74.2	94.2				
WLAN 5G Ant10		0.062		0mm							
BT Ant 3		0.127		0mm							
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	133.5	93.5	58.8	1.83	0.04	Not required
Ant 6		0.825	1.382	0mm							
WLAN 5G Ant6		0.368		0mm							
WLAN 5G Ant10		0.062		0mm	22.6	75.3	94.9				
BT Ant 3		0.127		0mm							
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	133.5	93.5	58.0	1.83	0.04	Not required
Ant 6		0.825	1.382	0mm							
WLAN 5G Ant6		0.368		0mm							
WLAN 5G Ant10		0.062		0mm							
BT Ant 3		0.127		0mm	28.6	75.5	93.6				

No.15 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	133.5	93.5	57.8	1.85	0.04	Not required
Ant 7		0.844	1.401	0mm	36.3	76	94.4				
WLAN 5G Ant6		0.368		0mm							
WLAN 5G Ant10		0.062		0mm							
BT Ant 3		0.127		0mm							
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	133.5	93.5	59.3	1.85	0.04	Not required
Ant 7		0.844	1.401	0mm							
WLAN 5G Ant6		0.368		0mm	31.3	74.2	94.2				
WLAN 5G Ant10		0.062		0mm							
BT Ant 3		0.127		0mm							
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	133.5	93.5	58.8	1.85	0.04	Not required
Ant 7		0.844	1.401	0mm							
WLAN 5G Ant6		0.368		0mm							
WLAN 5G Ant10		0.062		0mm	22.6	75.3	94.9				
BT Ant 3		0.127		0mm							
Ant 2	Left Tilted	0.450	0.450	0mm	30.5	133.5	93.5	58.0	1.85	0.04	Not required
Ant 7		0.844	1.401	0mm							
WLAN 5G Ant6		0.368		0mm							
WLAN 5G Ant10		0.062		0mm							
BT Ant 3		0.127		0mm	28.6	75.5	93.6				

<Hotspot>

No.1 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	142.3	1.96	0.02	Not required
Ant 1		0.495	0.908	5mm	83.5	53.5	-10.8				
WLAN 2.4G		0.216		5mm							
WLAN 5G		0.197		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.5	1.96	0.02	Not required
Ant 1		0.495	0.908	5mm							
WLAN 2.4G		0.216		5mm	13	54.9	-10.8				
WLAN 5G		0.197		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	1.96	0.02	Not required
Ant 1		0.495	0.908	5mm							
WLAN 2.4G		0.216		5mm							
WLAN 5G		0.197		5mm	27.4	48.9	-10.8				
No.2 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	123.4	1.62	0.02	Not required
Ant 4		0.154	0.567	5mm	99.2	74	-10.8				
WLAN 2.4G		0.216		5mm							
WLAN 5G		0.197		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.5	1.62	0.01	Not required
Ant 4		0.154	0.567	5mm							
WLAN 2.4G		0.216		5mm	13	54.9	-10.8				
WLAN 5G		0.197		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	1.62	0.01	Not required
Ant 4		0.154	0.567	5mm							
WLAN 2.4G		0.216		5mm							
WLAN 5G		0.197		5mm	27.4	48.9	-10.8				
No.3 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	138.3	1.65	0.02	Not required
Ant 5		0.189	0.602	5mm	15.4	72.9	-10.8				
WLAN 2.4G		0.216		5mm							
WLAN 5G		0.197		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.5	1.65	0.01	Not required
Ant 5		0.189	0.602	5mm							
WLAN 2.4G		0.216		5mm	13	54.9	-10.8				
WLAN 5G		0.197		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	1.65	0.01	Not required
Ant 5		0.189	0.602	5mm							
WLAN 2.4G		0.216		5mm							
WLAN 5G		0.197		5mm	27.4	48.9	-10.8				
No.4 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	161.1	1.75	0.01	Not required
Ant 6		0.283	0.696	5mm	21.4	45.3	-10.8				
WLAN 2.4G		0.216		5mm							
WLAN 5G		0.197		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.5	1.75	0.01	Not required
Ant 6		0.283	0.696	5mm							
WLAN 2.4G		0.216		5mm	13	54.9	-10.8				
WLAN 5G		0.197		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	1.75	0.01	Not required
Ant 6		0.283	0.696	5mm							
WLAN 2.4G		0.216		5mm							

WLAN 5G		0.197		5mm	27.4	48.9	-10.8				
No.5 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	162.8	1.93	0.02	Not required
Ant 7		0.465	0.878	5mm	43.5	36.8	-10.8				
WLAN 2.4G		0.216		5mm							
WLAN 5G		0.197		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.5	1.93	0.02	Not required
Ant 7		0.465	0.878	5mm							
WLAN 2.4G		0.216		5mm	13	54.9	-10.8				
WLAN 5G		0.197		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	1.93	0.02	Not required
Ant 7		0.465	0.878	5mm							
WLAN 2.4G		0.216		5mm							
WLAN 5G		0.197		5mm	27.4	48.9	-10.8				
No.6 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	164.8	1.89	0.02	Not required
Ant 1		0.495	0.908	5mm	83.5	53.5	-10.8				
WLAN 2.4G		0.216		5mm							
WLAN 5G		0.197		5mm							
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	154.9	1.89	0.02	Not required
Ant 1		0.495	0.908	5mm							
WLAN 2.4G		0.216		5mm	13	54.9	-10.8				
WLAN 5G		0.197		5mm							
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	160.1	1.89	0.02	Not required
Ant 1		0.495	0.908	5mm							
WLAN 2.4G		0.216		5mm							
WLAN 5G		0.197		5mm	27.4	48.9	-10.8				
No.9 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	163.9	1.68	0.01	Not required
Ant 6		0.283	0.696	5mm	21.4	45.3	-10.8				
WLAN 2.4G		0.216		5mm							
WLAN 5G		0.197		5mm							
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	154.9	1.68	0.01	Not required
Ant 6		0.283	0.696	5mm							
WLAN 2.4G		0.216		5mm	13	54.9	-10.8				
WLAN 5G		0.197		5mm							
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	160.1	1.68	0.01	Not required
Ant 6		0.283	0.696	5mm							
WLAN 2.4G		0.216		5mm							
WLAN 5G		0.197		5mm	27.4	48.9	-10.8				
No.10 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	172.8	1.86	0.01	Not required
Ant 7		0.465	0.878	5mm	43.5	36.8	-10.8				
WLAN 2.4G		0.216		5mm							
WLAN 5G		0.197		5mm							
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	154.9	1.86	0.02	Not required
Ant 7		0.465	0.878	5mm							
WLAN 2.4G		0.216		5mm	13	54.9	-10.8				
WLAN 5G		0.197		5mm							
Ant 2	Front	0.979	0.979	5mm	29	209	-10.8	160.1	1.86	0.02	Not required
Ant 7		0.465	0.878	5mm							
WLAN 2.4G		0.216		5mm							

WLAN 5G		0.197		5mm	27.4	48.9	-10.8				

No.11 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	130.5	2.79	0.04	Not required
Ant 1		0.753	1.498	5mm	35.7	47.7	-10.8				
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.79	0.04	Not required
Ant 1		0.753	1.498	5mm							
WLAN 2.4G		0.672		5mm	80	62.1	-10.8				
BT Ant 3		0.073		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.79	0.04	Not required
Ant 1		0.753	1.498	5mm							
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm	76	63.4	-10.8				

No.12 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	109.3	2.38	0.03	Not required
Ant 4		0.346	1.091	5mm	25	69.3	-10.8				
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.38	0.03	Not required
Ant 4		0.346	1.091	5mm							
WLAN 2.4G		0.672		5mm	80	62.1	-10.8				
BT Ant 3		0.073		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.38	0.03	Not required
Ant 4		0.346	1.091	5mm							
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm	76	63.4	-10.8				

No.13 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.2	2.40	0.03	Not required
Ant 5		0.363	1.108	5mm	94.4	69.3	-10.8				
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.40	0.03	Not required
Ant 5		0.363	1.108	5mm							
WLAN 2.4G		0.672		5mm	80	62.1	-10.8				
BT Ant 3		0.073		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.40	0.03	Not required
Ant 5		0.363	1.108	5mm							
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm	76	63.4	-10.8				

No.14 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	145.1	2.68	0.03	Not required
Ant 6		0.641	1.386	5mm	95.6	46.5	-10.8				
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.68	0.04	Not required
Ant 6		0.641	1.386	5mm							
WLAN 2.4G		0.672		5mm	80	62.1	-10.8				
BT Ant 3		0.073		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.68	0.04	Not required
Ant 6		0.641	1.386	5mm							

WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm	76	63.4	-10.8				
No.15 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	144.6	2.69	0.03	Not required
Ant 7		0.652	1.397	5mm	78.8	40.5	-10.8				
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.69	0.04	Not required
Ant 7		0.652	1.397	5mm							
WLAN 2.4G		0.672		5mm	80	62.1	-10.8				
BT Ant 3		0.073		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.69	0.04	Not required
Ant 7		0.652	1.397	5mm							
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm	76	63.4	-10.8				
No.16 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	117.7	2.67	0.04	Not required
Ant 10		0.634	1.379	5mm	69.3	65.7	-10.8				
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.67	0.04	Not required
Ant 10		0.634	1.379	5mm							
WLAN 2.4G		0.672		5mm	80	62.1	-10.8				
BT Ant 3		0.073		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.67	0.04	Not required
Ant 10		0.634	1.379	5mm							
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm	76	63.4	-10.8				
No.17 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	155.2	2.77	0.03	Not required
Ant 1		0.753	1.498	5mm	35.7	47.7	-10.8				
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	132.9	2.77	0.03	Not required
Ant 1		0.753	1.498	5mm							
WLAN 2.4G		0.672		5mm	80	62.1	-10.8				
BT Ant 3		0.073		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	131.8	2.77	0.04	Not required
Ant 1		0.753	1.498	5mm							
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm	76	63.4	-10.8				
No.18 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	139.1	2.36	0.03	Not required
Ant 4		0.346	1.091	5mm	25	69.3	-10.8				
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	132.9	2.36	0.03	Not required
Ant 4		0.346	1.091	5mm							
WLAN 2.4G		0.672		5mm	80	62.1	-10.8				
BT Ant 3		0.073		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	131.8	2.36	0.03	Not required
Ant 4		0.346	1.091	5mm							

WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm	76	63.4	-10.8				
No.19 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	126.0	2.38	0.03	Not required
Ant 5		0.363	1.108	5mm	94.4	69.3	-10.8				
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	132.9	2.38	0.03	Not required
Ant 5		0.363	1.108	5mm							
WLAN 2.4G		0.672		5mm	80	62.1	-10.8				
BT Ant 3		0.073		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	131.8	2.38	0.03	Not required
Ant 5		0.363	1.108	5mm							
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm	76	63.4	-10.8				
No.20 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	148.8	2.66	0.03	Not required
Ant 6		0.641	1.386	5mm	95.6	46.5	-10.8				
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	132.9	2.66	0.03	Not required
Ant 6		0.641	1.386	5mm							
WLAN 2.4G		0.672		5mm	80	62.1	-10.8				
BT Ant 3		0.073		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	131.8	2.66	0.03	Not required
Ant 6		0.641	1.386	5mm							
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm	76	63.4	-10.8				
No.21 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	154.5	2.67	0.03	Not required
Ant 7		0.652	1.397	5mm	78.8	40.5	-10.8				
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	132.9	2.67	0.03	Not required
Ant 7		0.652	1.397	5mm							
WLAN 2.4G		0.672		5mm	80	62.1	-10.8				
BT Ant 3		0.073		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	131.8	2.67	0.03	Not required
Ant 7		0.652	1.397	5mm							
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm	76	63.4	-10.8				
No.22 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	130.1	2.65	0.03	Not required
Ant 10		0.634	1.379	5mm	69.3	65.7	-10.8				
WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	132.9	2.65	0.03	Not required
Ant 10		0.634	1.379	5mm							
WLAN 2.4G		0.672		5mm	80	62.1	-10.8				
BT Ant 3		0.073		5mm							
Ant 2	Back	1.271	1.271	5mm	84.8	194.9	-10.8	131.8	2.65	0.03	Not required
Ant 10		0.634	1.379	5mm							

WLAN 2.4G		0.672		5mm							
BT Ant 3		0.073		5mm	76	63.4	-10.8				

No.23 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Left Side	1.231	1.231	5mm	56.1	25.2	-10.8	136.8	1.90	0.02	Not required
Ant 4		0.627	0.668	5mm	69.3	161.4	-10.8				
WLAN 5G		0.041		5mm							
Ant 0	Left Side	1.231	1.231	5mm	56.1	25.2	-10.8	158.4	1.90	0.02	Not required
Ant 4		0.627	0.668	5mm							
WLAN 5G		0.041		5mm	53.7	183.6	-10.8				

No.24 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	110.7	1.73	0.02	Not required
Ant 4		0.165	0.650	5mm	63.4	40	-10.8				
WLAN2.4GHz		0.253		5mm							
WLAN5GHz		0.232		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	80.4	1.73	0.03	Not required
Ant 4		0.165	0.650	5mm							
WLAN2.4GHz		0.253		5mm	34.6	75.2	-10.8				
WLAN5GHz		0.232		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	100.6	1.73	0.02	Not required
Ant 4		0.165	0.650	5mm							
WLAN2.4GHz		0.253		5mm							
WLAN5GHz		0.232		5mm	46.5	51.3	-10.8				
No.26 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	89.9	2.18	0.04	Not required
Ant 5		0.612	1.097	5mm	56.1	61	-10.8				
WLAN2.4GHz		0.253		5mm							
WLAN5GHz		0.232		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	95.2	2.18	0.03	Not required
Ant 5		0.612	1.097	5mm							
WLAN2.4GHz		0.253		5mm	34.6	59.6	-10.8				
WLAN5GHz		0.232		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	100.6	2.18	0.03	Not required
Ant 5		0.612	1.097	5mm							
WLAN2.4GHz		0.253		5mm							
WLAN5GHz		0.232		5mm	46.5	51.3	-10.8				
No.27 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	92.7	2.23	0.04	Not required
Ant 6		0.660	1.145	5mm	63.3	58	-10.8				
WLAN2.4GHz		0.253		5mm							
WLAN5GHz		0.232		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	95.2	2.23	0.03	Not required
Ant 6		0.660	1.145	5mm							
WLAN2.4GHz		0.253		5mm	34.6	59.6	-10.8				
WLAN5GHz		0.232		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	100.6	2.23	0.03	Not required
Ant 6		0.660	1.145	5mm							
WLAN2.4GHz		0.253		5mm							
WLAN5GHz		0.232		5mm	46.5	51.3	-10.8				
No.28 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				

Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	88.7	1.72	0.03	Not required
Ant 7		0.155	0.640	5mm	65.7	62.1	-10.8				
WLAN2.4GHz		0.253		5mm							
WLAN5GHz		0.232		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	95.2	1.72	0.02	Not required
Ant 7		0.155	0.640	5mm							
WLAN2.4GHz		0.253		5mm	34.6	59.6	-10.8				
WLAN5GHz		0.232		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	100.6	1.72	0.02	Not required
Ant 7		0.155	0.640	5mm							
WLAN2.4GHz		0.253		5mm							
WLAN5GHz		0.232		5mm	46.5	51.3	-10.8				
No.29 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	75.5	1.62	0.03	Not required
Ant 10		0.049	0.534	5mm	62.4	75.2	-10.8				
WLAN2.4GHz		0.253		5mm							
WLAN5GHz		0.232		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	95.2	1.62	0.02	Not required
Ant 10		0.049	0.534	5mm							
WLAN2.4GHz		0.253		5mm	34.6	59.6	-10.8				
WLAN5GHz		0.232		5mm							
Ant 2	Right Side	1.083	1.083	5mm	62.1	150.7	-10.8	100.6	1.62	0.02	Not required
Ant 10		0.049	0.534	5mm							
WLAN2.4GHz		0.253		5mm							
WLAN5GHz		0.232		5mm	46.5	51.3	-10.8				

<Body-worn>

No.1 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	142.3	2.07	0.02	Not required
Ant 1		0.618	1.016	5mm	83.5	53.5	-10.8				
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	2.07	0.02	Not required
Ant 1		0.618	1.016	5mm							
WLAN 5G Ant 6+7		0.336		5mm	27.4	48.9	-10.8				
BT Ant 3		0.062		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.8	2.07	0.02	Not required
Ant 1		0.618	1.016	5mm							
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm	15	53.6	-10.8				
No.2 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	123.4	1.84	0.02	Not required
Ant 4		0.395	0.793	5mm	99.2	74	-10.8				
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	1.84	0.02	Not required
Ant 4		0.395	0.793	5mm							
WLAN 5G Ant 6+7		0.336		5mm	27.4	48.9	-10.8				
BT Ant 3		0.062		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.8	1.84	0.02	Not required
Ant 4		0.395	0.793	5mm							
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm	15	53.6	-10.8				

No.3 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	138.3	1.66	0.02	Not required
Ant 5		0.212	0.610	5mm	15.4	72.9	-10.8				
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	1.66	0.01	Not required
Ant 5		0.212	0.610	5mm							
WLAN 5G Ant 6+7		0.336		5mm	27.4	48.9	-10.8				
BT Ant 3		0.062		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.8	1.66	0.01	Not required
Ant 5		0.212	0.610	5mm							
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm	15	53.6	-10.8				
No.4 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	161.1	2.02	0.02	Not required
Ant 6		0.576	0.974	5mm	21.4	45.3	-10.8				
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	2.02	0.02	Not required
Ant 6		0.576	0.974	5mm							
WLAN 5G Ant 6+7		0.336		5mm	27.4	48.9	-10.8				
BT Ant 3		0.062		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.8	2.02	0.02	Not required
Ant 6		0.576	0.974	5mm							
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm	15	53.6	-10.8				
No.5 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	162.8	2.33	0.02	Not required
Ant 7		0.885	1.283	5mm	43.5	36.8	-10.8				
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.6	2.33	0.02	Not required
Ant 7		0.885	1.283	5mm							
WLAN 5G Ant 6+7		0.336		5mm	27.4	48.9	-10.8				
BT Ant 3		0.062		5mm							
Ant 0	Front	1.049	1.049	5mm	79	195.7	-10.8	155.8	2.33	0.02	Not required
Ant 7		0.885	1.283	5mm							
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm	15	53.6	-10.8				
No.6 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	164.8	2.25	0.02	Not required
Ant 1		0.618	1.016	5mm	83.5	53.5	-10.8				
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	160.1	2.25	0.02	Not required
Ant 1		0.618	1.016	5mm							
WLAN 5G Ant 6+7		0.336		5mm	27.4	48.9	-10.8				
BT Ant 3		0.062		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	156.0	2.25	0.02	Not required
Ant 1		0.618	1.016	5mm							
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm	15	53.6	-10.8				

No.7 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	152.2	2.03	0.02	Not required
Ant 4		0.395	0.793	5mm	99.2	74	-10.8				
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	160.1	2.03	0.02	Not required
Ant 4		0.395	0.793	5mm							
WLAN 5G Ant 6+7		0.336		5mm	27.4	48.9	-10.8				
BT Ant 3		0.062		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	156.0	2.03	0.02	Not required
Ant 4		0.395	0.793	5mm							
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm	15	53.6	-10.8				
No.8 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	136.8	1.84	0.02	Not required
Ant 5		0.212	0.610	5mm	15.4	72.9	-10.8				
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	160.1	1.84	0.02	Not required
Ant 5		0.212	0.610	5mm							
WLAN 5G Ant 6+7		0.336		5mm	27.4	48.9	-10.8				
BT Ant 3		0.062		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	156.0	1.84	0.02	Not required
Ant 5		0.212	0.610	5mm							
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm	15	53.6	-10.8				
No.9 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	163.9	2.21	0.02	Not required
Ant 6		0.576	0.974	5mm	21.4	45.3	-10.8				
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	160.1	2.21	0.02	Not required
Ant 6		0.576	0.974	5mm							
WLAN 5G Ant 6+7		0.336		5mm	27.4	48.9	-10.8				
BT Ant 3		0.062		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	156.0	2.21	0.02	Not required
Ant 6		0.576	0.974	5mm							
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm	15	53.6	-10.8				
No.10 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	172.8	2.52	0.02	Not required
Ant 7		0.885	1.283	5mm	43.5	36.8	-10.8				
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	160.1	2.52	0.02	Not required
Ant 7		0.885	1.283	5mm							
WLAN 5G Ant 6+7		0.336		5mm	27.4	48.9	-10.8				
BT Ant 3		0.062		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	156.0	2.52	0.03	Not required
Ant 7		0.885	1.283	5mm							
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm	15	53.6	-10.8				

No.11 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	151.1	1.65	0.01	Not required
Ant 10		0.015	0.413	5mm	104.6	78.2	-10.8				
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	160.1	1.65	0.01	Not required
Ant 10		0.015	0.413	5mm							
WLAN 5G Ant 6+7		0.336		5mm	27.4	48.9	-10.8				
BT Ant 3		0.062		5mm							
Ant 2	Front	1.234	1.234	5mm	29	209	-10.8	156.0	1.65	0.01	Not required
Ant 10		0.015	0.413	5mm							
WLAN 5G Ant 6+7		0.336		5mm							
BT Ant 3		0.062		5mm	15	53.6	-10.8				

No.12 Band	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	130.5	2.66	0.03	Not required
Ant 1		0.889	1.370	5mm	35.7	47.7	-10.8				
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.66	0.03	Not required
Ant 1		0.889	1.370	5mm							
WLAN 2.4G		0.388		5mm	80	62.1	-10.8				
BT Ant 3		0.093		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.66	0.04	Not required
Ant 1		0.889	1.370	5mm							
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm	76	63.4	-10.8				
No.13 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	109.3	2.66	0.04	Not required
Ant 4		0.885	1.366	5mm	25	69.3	-10.8				
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.66	0.03	Not required
Ant 4		0.885	1.366	5mm							
WLAN 2.4G		0.388		5mm	80	62.1	-10.8				
BT Ant 3		0.093		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.66	0.04	Not required
Ant 4		0.885	1.366	5mm							
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm	76	63.4	-10.8				
No.14 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.2	2.18	0.03	Not required
Ant 5		0.406	0.887	5mm	94.4	69.3	-10.8				
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.18	0.03	Not required
Ant 5		0.406	0.887	5mm							
WLAN 2.4G		0.388		5mm	80	62.1	-10.8				
BT Ant 3		0.093		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.18	0.03	Not required
Ant 5		0.406	0.887	5mm							
WLAN 2.4G		0.388		5mm							

BT Ant 3		0.093		5mm	76	63.4	-10.8				
No.15 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	145.1	2.66	0.03	Not required
Ant 6		0.887	1.368	5mm	95.6	46.5	-10.8				
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.66	0.03	Not required
Ant 6		0.887	1.368	5mm							
WLAN 2.4G		0.388		5mm	80	62.1	-10.8				
BT Ant 3		0.093		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.66	0.04	Not required
Ant 6		0.887	1.368	5mm							
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm	76	63.4	-10.8				
No.16 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	144.6	2.65	0.03	Not required
Ant 7		0.879	1.360	5mm	78.8	40.5	-10.8				
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.65	0.03	Not required
Ant 7		0.879	1.360	5mm							
WLAN 2.4G		0.388		5mm	80	62.1	-10.8				
BT Ant 3		0.093		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.65	0.04	Not required
Ant 7		0.879	1.360	5mm							
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm	76	63.4	-10.8				
No.17 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	117.7	2.73	0.04	Not required
Ant 10		0.952	1.433	5mm	69.3	65.7	-10.8				
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	124.7	2.73	0.04	Not required
Ant 10		0.952	1.433	5mm							
WLAN 2.4G		0.388		5mm	80	62.1	-10.8				
BT Ant 3		0.093		5mm							
Ant 0	Back	1.292	1.292	5mm	34.6	178.2	-10.8	122.0	2.73	0.04	Not required
Ant 10		0.952	1.433	5mm							
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm	76	63.4	-10.8				
No.18 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	155.2	2.66	0.03	Not required
Ant 1		0.889	1.370	5mm	35.7	47.7	-10.8				
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	132.9	2.66	0.03	Not required
Ant 1		0.889	1.370	5mm							
WLAN 2.4G		0.388		5mm	80	62.1	-10.8				
BT Ant 3		0.093		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	131.8	2.66	0.03	Not required
Ant 1		0.889	1.370	5mm							
WLAN 2.4G		0.388		5mm							

BT Ant 3		0.093		5mm	76	63.4	-10.8				
No.19 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	139.1	2.66	0.03	Not required
Ant 4		0.885	1.366	5mm	25	69.3	-10.8				
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	132.9	2.66	0.03	Not required
Ant 4		0.885	1.366	5mm							
WLAN 2.4G		0.388		5mm	80	62.1	-10.8				
BT Ant 3		0.093		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	131.8	2.66	0.03	Not required
Ant 4		0.885	1.366	5mm							
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm	76	63.4	-10.8				
No.20 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	126.0	2.18	0.03	Not required
Ant 5		0.406	0.887	5mm	94.4	69.3	-10.8				
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	132.9	2.18	0.02	Not required
Ant 5		0.406	0.887	5mm							
WLAN 2.4G		0.388		5mm	80	62.1	-10.8				
BT Ant 3		0.093		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	131.8	2.18	0.02	Not required
Ant 5		0.406	0.887	5mm							
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm	76	63.4	-10.8				
No.21 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	148.8	2.66	0.03	Not required
Ant 6		0.887	1.368	5mm	95.6	46.5	-10.8				
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	132.9	2.66	0.03	Not required
Ant 6		0.887	1.368	5mm							
WLAN 2.4G		0.388		5mm	80	62.1	-10.8				
BT Ant 3		0.093		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	131.8	2.66	0.03	Not required
Ant 6		0.887	1.368	5mm							
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm	76	63.4	-10.8				
No.22 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	154.5	2.65	0.03	Not required
Ant 7		0.879	1.360	5mm	78.8	40.5	-10.8				
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	132.9	2.65	0.03	Not required
Ant 7		0.879	1.360	5mm							
WLAN 2.4G		0.388		5mm	80	62.1	-10.8				
BT Ant 3		0.093		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	131.8	2.65	0.03	Not required
Ant 7		0.879	1.360	5mm							
WLAN 2.4G		0.388		5mm							

BT Ant 3		0.093		5mm	76	63.4	-10.8				
No.23 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	130.1	2.73	0.03	Not required
Ant 10		0.952	1.433	5mm	69.3	65.7	-10.8				
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	132.9	2.73	0.03	Not required
Ant 10		0.952	1.433	5mm							
WLAN 2.4G		0.388		5mm	80	62.1	-10.8				
BT Ant 3		0.093		5mm							
Ant 2	Back	1.294	1.294	5mm	84.8	194.9	-10.8	131.8	2.73	0.03	Not required
Ant 10		0.952	1.433	5mm							
WLAN 2.4G		0.388		5mm							
BT Ant 3		0.093		5mm	76	63.4	-10.8				

<Sensor off>

No.1 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Front	0.791	0.791	15mm	77.21	197.86	-10.8	145.9	2.06	0.02	Not required
Ant 1		0.498	1.268	15mm	85.44	52.18	-10.8				
WLAN 2.4G		0.245		15mm							
WLAN 5G		0.525		15mm							
Ant 0	Front	0.791	0.791	15mm	77.21	197.86	-10.8	156.7	2.06	0.02	Not required
Ant 1		0.498	1.268	15mm							
WLAN 2.4G		0.245		15mm	13	54.9	-10.8				
WLAN 5G		0.525		15mm							
Ant 0	Front	0.791	0.791	15mm	77.21	197.86	-10.8	157.1	2.06	0.02	Not required
Ant 1		0.498	1.268	15mm							
WLAN 2.4G		0.245		15mm							
WLAN 5G		0.525		15mm	27.4	48.9	-10.8				
No.2 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Front	0.791	0.791	15mm	77.21	197.86	-10.8	125.8	1.94	0.02	Not required
Ant 4		0.383	1.153	15mm	99.2	74	-10.8				
WLAN 2.4G		0.245		15mm							
WLAN 5G		0.525		15mm							
Ant 0	Front	0.791	0.791	15mm	77.21	197.86	-10.8	156.7	1.94	0.02	Not required
Ant 4		0.383	1.153	15mm							
WLAN 2.4G		0.245		15mm	13	54.9	-10.8				
WLAN 5G		0.525		15mm							
Ant 0	Front	0.791	0.791	15mm	77.21	197.86	-10.8	157.1	1.94	0.02	Not required
Ant 4		0.383	1.153	15mm							
WLAN 2.4G		0.245		15mm							
WLAN 5G		0.525		15mm	27.4	48.9	-10.8				
No.3 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Front	0.791	0.791	15mm	77.21	197.86	-10.8	162.4	1.72	0.01	Not required
Ant 6		0.158	0.928	15mm	21.4	45.3	-10.8				
WLAN 2.4G		0.245		15mm							
WLAN 5G		0.525		15mm							
Ant 0	Front	0.791	0.791	15mm	77.21	197.86	-10.8	156.7	1.72	0.01	Not required
Ant 6		0.158	0.928	15mm							
WLAN 2.4G		0.245		15mm	13	54.9	-10.8				
WLAN 5G		0.525		15mm							
Ant 0	Front	0.791	0.791	15mm	77.21	197.86	-10.8	157.1	1.72	0.01	Not required

Ant 6		0.158	0.928	15mm							
WLAN 2.4G		0.245		15mm							
WLAN 5G		0.525		15mm	27.4	48.9	-10.8				
No.4 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Front	0.791	0.791	15mm	77.21	197.86	-10.8	164.5	2.02	0.02	Not required
Ant 7		0.455	1.225	15mm	43.5	36.8	-10.8				
WLAN 2.4G		0.245		15mm							
WLAN 5G		0.525		15mm							
Ant 0	Front	0.791	0.791	15mm	77.21	197.86	-10.8	156.7	2.02	0.02	Not required
Ant 7		0.455	1.225	15mm							
WLAN 2.4G		0.245		15mm	13	54.9	-10.8				
WLAN 5G		0.525		15mm							
Ant 0	Front	0.791	0.791	15mm	77.21	197.86	-10.8	157.1	2.02	0.02	Not required
Ant 7		0.455	1.225	15mm							
WLAN 2.4G		0.245		15mm							
WLAN 5G		0.525		15mm	27.4	48.9	-10.8				
No.5 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Front	0.791	0.791	15mm	77.21	197.86	-10.8	122.8	1.88	0.02	Not required
Ant 10		0.320	1.090	15mm	104.6	78.2	-10.8				
WLAN 2.4G		0.245		15mm							
WLAN 5G		0.525		15mm							
Ant 0	Front	0.791	0.791	15mm	77.21	197.86	-10.8	156.7	1.88	0.02	Not required
Ant 10		0.320	1.090	15mm							
WLAN 2.4G		0.245		15mm	13	54.9	-10.8				
WLAN 5G		0.525		15mm							
Ant 0	Front	0.791	0.791	15mm	77.21	197.86	-10.8	157.1	1.88	0.02	Not required
Ant 10		0.320	1.090	15mm							
WLAN 2.4G		0.245		15mm							
WLAN 5G		0.525		15mm	27.4	48.9	-10.8				
No.6 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	166.7	1.78	0.01	Not required
Ant 1		0.498	1.268	15mm	85.44	52.18	-10.8				
WLAN 2.4G		0.245		15mm							
WLAN 5G		0.525		15mm							
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	154.9	1.78	0.02	Not required
Ant 1		0.498	1.268	15mm							
WLAN 2.4G		0.245		15mm	13	54.9	-10.8				
WLAN 5G		0.525		15mm							
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	160.1	1.78	0.01	Not required
Ant 1		0.498	1.268	15mm							
WLAN 2.4G		0.245		15mm							
WLAN 5G		0.525		15mm	27.4	48.9	-10.8				
No.7 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	152.2	1.67	0.01	Not required
Ant 4		0.383	1.153	15mm	99.2	74	-10.8				
WLAN 2.4G		0.245		15mm							
WLAN 5G		0.525		15mm							
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	154.9	1.67	0.01	Not required
Ant 4		0.383	1.153	15mm							
WLAN 2.4G		0.245		15mm	13	54.9	-10.8				
WLAN 5G		0.525		15mm							
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	160.1	1.67	0.01	Not required

Ant 4		0.383	1.153	15mm							
WLAN 2.4G		0.245		15mm							
WLAN 5G		0.525		15mm	27.4	48.9	-10.8				
No.8 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	172.8	1.74	0.01	Not required
Ant 7		0.455	1.225	15mm	43.5	36.8	-10.8				
WLAN 2.4G		0.245		15mm							
WLAN 5G		0.525		15mm							
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	154.9	1.74	0.01	Not required
Ant 7		0.455	1.225	15mm							
WLAN 2.4G		0.245		15mm	13	54.9	-10.8				
WLAN 5G		0.525		15mm							
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	160.1	1.74	0.01	Not required
Ant 7		0.455	1.225	15mm							
WLAN 2.4G		0.245		15mm							
WLAN 5G		0.525		15mm	27.4	48.9	-10.8				
No.9 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	151.1	1.61	0.01	Not required
Ant 10		0.320	1.090	15mm	104.6	78.2	-10.8				
WLAN 2.4G		0.245		15mm							
WLAN 5G		0.525		15mm							
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	154.9	1.61	0.01	Not required
Ant 10		0.320	1.090	15mm							
WLAN 2.4G		0.245		15mm	13	54.9	-10.8				
WLAN 5G		0.525		15mm							
Ant 2	Front	0.516	0.516	15mm	29	209	-10.8	160.1	1.61	0.01	Not required
Ant 10		0.320	1.090	15mm							
WLAN 2.4G		0.245		15mm							
WLAN 5G		0.525		15mm	27.4	48.9	-10.8				

No.10 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	139.1	2.12	0.02	Not required
Ant 1		0.537	1.368	15mm	36.9	39.1	-10.8				
WLAN 2.4G		0.219		15mm							
WLAN 5G		0.612		15mm							
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	124.7	2.12	0.02	Not required
Ant 1		0.537	1.368	15mm							
WLAN 2.4G		0.219		15mm	80	62.1	-10.8				
WLAN 5G		0.612		15mm							
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	135.0	2.12	0.02	Not required
Ant 1		0.537	1.368	15mm							
WLAN 2.4G		0.219		15mm							
WLAN 5G		0.612		15mm	89.6	54.9	-10.8				
No.11 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	109.3	2.30	0.03	Not required
Ant 4		0.717	1.548	15mm	25	69.3	-10.8				
WLAN 2.4G		0.219		15mm							
WLAN 5G		0.612		15mm							
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	124.7	2.30	0.03	Not required
Ant 4		0.717	1.548	15mm							
WLAN 2.4G		0.219		15mm	80	62.1	-10.8				
WLAN 5G		0.612		15mm							

Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	135.0	2.30	0.03	Not required
Ant 4		0.717	1.548	15mm							
WLAN 2.4G		0.219		15mm							
WLAN 5G		0.612		15mm	89.6	54.9	-10.8				
No.12 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	145.1	1.80	0.02	Not required
Ant 6		0.216	1.047	15mm	95.6	46.5	-10.8				
WLAN 2.4G		0.219		15mm							
WLAN 5G		0.612		15mm							
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	124.7	1.80	0.02	Not required
Ant 6		0.216	1.047	15mm							
WLAN 2.4G		0.219		15mm	80	62.1	-10.8				
WLAN 5G		0.612		15mm							
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	135.0	1.80	0.02	Not required
Ant 6		0.216	1.047	15mm							
WLAN 2.4G		0.219		15mm							
WLAN 5G		0.612		15mm	89.6	54.9	-10.8				
No.13 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	144.6	1.91	0.02	Not required
Ant 7		0.327	1.158	15mm	78.8	40.5	-10.8				
WLAN 2.4G		0.219		15mm							
WLAN 5G		0.612		15mm							
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	124.7	1.91	0.02	Not required
Ant 7		0.327	1.158	15mm							
WLAN 2.4G		0.219		15mm	80	62.1	-10.8				
WLAN 5G		0.612		15mm							
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	135.0	1.91	0.02	Not required
Ant 7		0.327	1.158	15mm							
WLAN 2.4G		0.219		15mm							
WLAN 5G		0.612		15mm	89.6	54.9	-10.8				
No.14 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	117.7	1.94	0.02	Not required
Ant 10		0.351	1.182	15mm	69.3	65.7	-10.8				
WLAN 2.4G		0.219		15mm							
WLAN 5G		0.612		15mm							
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	124.7	1.94	0.02	Not required
Ant 10		0.351	1.182	15mm							
WLAN 2.4G		0.219		15mm	80	62.1	-10.8				
WLAN 5G		0.612		15mm							
Ant 0	Back	0.756	0.756	15mm	34.6	178.2	-10.8	135.0	1.94	0.02	Not required
Ant 10		0.351	1.182	15mm							
WLAN 2.4G		0.219		15mm							
WLAN 5G		0.612		15mm	89.6	54.9	-10.8				
No.15 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Back	0.350	0.350	15mm	84.8	194.9	-10.8	163.0	1.72	0.01	Not required
Ant 1		0.537	1.368	15mm	36.9	39.1	-10.8				
WLAN 2.4G		0.219		15mm							
WLAN 5G		0.612		15mm							
Ant 2	Back	0.350	0.350	15mm	84.8	194.9	-10.8	132.9	1.72	0.02	Not required
Ant 1		0.537	1.368	15mm							
WLAN 2.4G		0.219		15mm	80	62.1	-10.8				
WLAN 5G		0.612		15mm							

Ant 2	Back	0.350	0.350	15mm	84.8	194.9	-10.8	140.1	1.72	0.02	Not required
Ant 1		0.537	1.368	15mm							
WLAN 2.4G		0.219		15mm							
WLAN 5G		0.612		15mm	89.6	54.9	-10.8				
No.16 Band	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Back	0.350	0.350	15mm	84.8	194.9	-10.8	139.1	1.90	0.02	Not required
Ant 4		0.717	1.548	15mm	25	69.3	-10.8				
WLAN 2.4G		0.219		15mm							
WLAN 5G		0.612		15mm							
Ant 2	Back	0.350	0.350	15mm	84.8	194.9	-10.8	132.9	1.90	0.02	Not required
Ant 4		0.717	1.548	15mm							
WLAN 2.4G		0.219		15mm	80	62.1	-10.8				
WLAN 5G		0.612		15mm							
Ant 2	Back	0.350	0.350	15mm	84.8	194.9	-10.8	140.1	1.90	0.02	Not required
Ant 4		0.717	1.548	15mm							
WLAN 2.4G		0.219		15mm							
WLAN 5G		0.612		15mm	89.6	54.9	-10.8				

<Extremity>

No.1 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	174.9	6.58	0.10	Not required
Ant 1		2.424	3.410	0mm	90.8	31	-10.8				
WLAN 5G		0.985		0mm							
NFC		0.001		0mm							
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.7	6.58	0.10	Not required
Ant 1		2.424	3.410	0mm							
WLAN 5G		0.985		0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.1	6.58	0.10	Not required
Ant 1		2.424	3.410	0mm							
WLAN 5G		0.985		0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				
No.2 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	163.5	6.42	0.10	Not required
Ant 4		2.265	3.251	0mm	100.4	43.2	-10.8				
WLAN 5G		0.985		0mm							
NFC		0.001		0mm							
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.7	6.42	0.10	Not required
Ant 4		2.265	3.251	0mm							
WLAN 5G		0.985		0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.1	6.42	0.10	Not required
Ant 4		2.265	3.251	0mm							
WLAN 5G		0.985		0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				
No.3 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.7	4.16	0.05	Not required
WLAN 5G		0.985	0.986	0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.1	4.16	0.05	Not required
WLAN 5G		0.985	0.986	0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				

No.4 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	175.7	5.41	0.07	Not required
Ant 6		1.249	2.235	0mm	22.6	40.5	-10.8				
WLAN 5G		0.985		0mm							
NFC		0.001		0mm							
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.7	5.41	0.07	Not required
Ant 6		1.249	2.235	0mm							
WLAN 5G		0.985		0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.1	5.41	0.07	Not required
Ant 6		1.249	2.235	0mm							
WLAN 5G		0.985		0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				
No.5 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	170.1	6.47	0.10	Not required
Ant 7		2.308	3.294	0mm	41.7	40.5	-10.8				
WLAN 5G		0.985		0mm							
NFC		0.001		0mm							
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.7	6.47	0.10	Not required
Ant 7		2.308	3.294	0mm							
WLAN 5G		0.985		0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.1	6.47	0.10	Not required
Ant 7		2.308	3.294	0mm							
WLAN 5G		0.985		0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				
No.6 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.7	4.16	0.05	Not required
WLAN 5G		0.985	0.986	0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 0	Front	3.173	3.173	0mm	82.4	205.7	-10.8	169.1	4.16	0.05	Not required
WLAN 5G		0.985	0.986	0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				
No.7 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant 2	Front	2.861	2.861	0mm	38.1	197.3	-10.8	174.5	6.27	0.09	Not required
Ant 1		2.424	3.410	0mm	90.8	31	-10.8				
WLAN 5G		0.985		0mm							
NFC		0.001		0mm							
Ant 2	Front	2.861	2.861	0mm	38.1	197.3	-10.8	158.4	6.27	0.10	Not required
Ant 1		2.424	3.410	0mm							
WLAN 5G		0.985		0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 2	Front	2.861	2.861	0mm	38.1	197.3	-10.8	171.2	6.27	0.09	Not required
Ant 1		2.424	3.410	0mm							
WLAN 5G		0.985		0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				
No.8 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant 2	Front	2.861	2.861	0mm	38.1	197.3	-10.8	166.2	6.11	0.09	Not required
Ant 4		2.265	3.251	0mm	100.4	43.2	-10.8				
WLAN 5G		0.985		0mm							
NFC		0.001		0mm							

Ant 2	Front	2.861	2.861	0mm	38.1	197.3	-10.8	158.4	6.11	0.10	Not required
Ant 4		2.265	3.251	0mm							
WLAN 5G		0.985		0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 2	Front	2.861	2.861	0mm	38.1	197.3	-10.8	171.2	6.11	0.09	Not required
Ant 4		2.265	3.251	0mm							
WLAN 5G		0.985		0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				
No.7 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Front	2.861	2.861	0mm	38.1	197.3	-10.8	157.6	5.10	0.07	Not required
Ant 6		1.249	2.235	0mm	22.6	40.5	-10.8				
WLAN 5G		0.985		0mm							
NFC		0.001		0mm							
Ant 2	Front	2.861	2.861	0mm	38.1	197.3	-10.8	158.4	5.10	0.07	Not required
Ant 6		1.249	2.235	0mm							
WLAN 5G		0.985		0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 2	Front	2.861	2.861	0mm	38.1	197.3	-10.8	171.2	5.10	0.07	Not required
Ant 6		1.249	2.235	0mm							
WLAN 5G		0.985		0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				
No.8 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Front	2.861	2.861	0mm	38.1	197.3	-10.8	158.7	6.16	0.10	Not required
Ant 7		2.308	3.294	0mm	41.2	38.6	-10.8				
WLAN 5G		0.985		0mm							
NFC		0.001		0mm							
Ant 2	Front	2.861	2.861	0mm	38.1	197.3	-10.8	158.4	6.16	0.10	Not required
Ant 7		2.308	3.294	0mm							
WLAN 5G		0.985		0mm	48.9	39.3	-10.8				
NFC		0.001		0mm							
Ant 2	Front	2.861	2.861	0mm	38.1	197.3	-10.8	171.2	6.16	0.09	Not required
Ant 7		2.308	3.294	0mm							
WLAN 5G		0.985		0mm							
NFC		0.001		0mm	99.5	37.5	-10.8				

No.11 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	180.9	6.44	0.09	Not required
Ant 1		2.256	3.256	0mm	28.6	24.9	-10.8				
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	174.9	6.44	0.09	Not required
Ant 1		2.256	3.256	0mm							
WLAN 2.4G		0.264		0mm	74.8	36.2	-10.8				
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	177.3	6.44	0.09	Not required
Ant 1		2.256	3.256	0mm							
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	185.6	6.44	0.09	Not required
Ant 1		2.256	3.256	0mm							

WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				
No.12 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	167.7	6.25	0.09	Not required
Ant 4		2.057	3.057	0mm	26.2	38.2	-10.8				
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	174.9	6.25	0.09	Not required
Ant 4		2.057	3.057	0mm							
WLAN 2.4G		0.264		0mm	74.8	36.2	-10.8				
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	177.3	6.25	0.09	Not required
Ant 4		2.057	3.057	0mm							
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	185.6	6.25	0.08	Not required
Ant 4		2.057	3.057	0mm							
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				
No.13 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	174.9	4.19	0.05	Not required
WLAN 2.4G		0.264	1.000	0mm	74.8	36.2	-10.8				
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	177.3	4.19	0.05	Not required
WLAN 2.4G		0.264	1.000	0mm							
WLAN 5G		0.716		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	185.6	4.19	0.05	Not required
WLAN 2.4G		0.264	1.000	0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				
No.14 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	168.0	5.06	0.07	Not required
Ant 6		0.875	1.875	0mm	77.6	44.1	-10.8				
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	174.9	5.06	0.07	Not required
Ant 6		0.875	1.875	0mm							
WLAN 2.4G		0.264		0mm	74.8	36.2	-10.8				
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	177.3	5.06	0.06	Not required
Ant 6		0.875	1.875	0mm							
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							

Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	185.6	5.06	0.06	Not required
Ant 6		0.875	1.875	0mm							
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				
No.15 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	169.9	5.04	0.07	Not required
Ant 7		0.855	1.855	0mm	74.2	41.2	-10.8				
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	174.9	5.04	0.06	Not required
Ant 7		0.855	1.855	0mm							
WLAN 2.4G		0.264		0mm	74.8	36.2	-10.8				
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	177.3	5.04	0.06	Not required
Ant 7		0.855	1.855	0mm							
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	185.6	5.04	0.06	Not required
Ant 7		0.855	1.855	0mm							
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				
No.16 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	164.9	6.20	0.09	Not required
Ant 10		2.013	3.013	0mm	63.3	43.9	-10.8				
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	174.9	6.20	0.09	Not required
Ant 10		2.013	3.013	0mm							
WLAN 2.4G		0.264		0mm	74.8	36.2	-10.8				
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	177.3	6.20	0.09	Not required
Ant 10		2.013	3.013	0mm							
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 0	Back	3.188	3.188	0mm	32.2	205.8	-10.8	185.6	6.20	0.08	Not required
Ant 10		2.013	3.013	0mm							
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				
No.17 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	179.2	6.07	0.08	Not required
Ant 1		2.256	3.256	0mm	28.6	24.9	-10.8				
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							

Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	159.5	6.07	0.09	Not required
Ant 1		2.256	3.256	0mm							
WLAN 2.4G		0.264		0mm	74.8	36.2	-10.8				
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	161.2	6.07	0.09	Not required
Ant 1		2.256	3.256	0mm							
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	192.5	-10.8	182.6	6.07	0.08	Not required
Ant 1		2.256	3.256	0mm							
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				
No.18 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	167.4	5.87	0.08	Not required
Ant 4		2.057	3.057	0mm	26.2	38.2	-10.8				
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	159.5	5.87	0.09	Not required
Ant 4		2.057	3.057	0mm							
WLAN 2.4G		0.264		0mm	74.8	36.2	-10.8				
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	161.2	5.87	0.09	Not required
Ant 4		2.057	3.057	0mm							
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	185.4	5.87	0.08	Not required
Ant 4		2.057	3.057	0mm							
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				
No.19 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	151.5	4.69	0.07	Not required
Ant 6		0.875	1.875	0mm	77.6	44.1	-10.8				
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	159.5	4.69	0.06	Not required
Ant 6		0.875	1.875	0mm							
WLAN 2.4G		0.264		0mm	74.8	36.2	-10.8				
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	161.2	4.69	0.06	Not required
Ant 6		0.875	1.875	0mm							
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	185.4	4.69	0.05	Not required
Ant 6		0.875	1.875	0mm							

WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				
No.20 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	154.6	4.67	0.07	Not required
Ant 7		0.855	1.855	0mm	74.2	41.2	-10.8				
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	159.5	4.67	0.06	Not required
Ant 7		0.855	1.855	0mm							
WLAN 2.4G		0.264		0mm	74.8	36.2	-10.8				
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	161.2	4.67	0.06	Not required
Ant 7		0.855	1.855	0mm							
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	185.4	4.67	0.05	Not required
Ant 7		0.855	1.855	0mm							
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				
No.21 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	153.0	5.82	0.09	Not required
Ant 10		2.013	3.013	0mm	63.3	43.9	-10.8				
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	159.5	5.82	0.09	Not required
Ant 10		2.013	3.013	0mm							
WLAN 2.4G		0.264		0mm	74.8	36.2	-10.8				
WLAN 5G		0.716		0mm							
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	161.2	5.82	0.09	Not required
Ant 10		2.013	3.013	0mm							
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm	77.6	34.4	-10.8				
NFC		0.020		0mm							
Ant 2	Back	2.811	2.811	0mm	83.6	195.5	-10.8	185.4	5.82	0.08	Not required
Ant 10		2.013	3.013	0mm							
WLAN 2.4G		0.264		0mm							
WLAN 5G		0.716		0mm							
NFC		0.020		0mm	22.4	20.5	-10.8				

No.22 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Left Side	3.196	3.196	0mm	53.7	25.3	-10.8	160.4	5.04	0.07	Not required
Ant 1		1.765	1.845	0mm	58.5	185.6	-10.8				
WLAN 5G		0.079		0mm							
NFC		0.001		0mm							
Ant 0	Left Side	3.196	3.196	0mm	53.7	25.3	-10.8	160.5	5.04	0.07	Not required
Ant 1		1.765	1.845	0mm							

WLAN 5G		0.079		0mm	65.7	185.4	-10.8				
NFC		0.001		0mm							
Ant 0	Left Side	3.196	3.196	0mm	53.7	25.3	-10.8	148.8	5.04	0.08	Not required
Ant 1		1.765	1.845	0mm							
WLAN 5G		0.079		0mm							
NFC		0.001		0mm	68.1	173.4	-10.8				
No.23 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 0	Left Side	3.196	3.196	0mm	53.7	35.3	-10.8	146.0	5.75	0.09	Not required
Ant 4		2.474	2.554	0mm	71.7	180.2	-10.8				
WLAN 5G		0.079		0mm							
NFC		0.001		0mm							
Ant 0	Left Side	3.196	3.196	0mm	53.7	35.3	-10.8	150.6	5.75	0.09	Not required
Ant 4		2.474	2.554	0mm							
WLAN 5G		0.079		0mm	65.7	185.4	-10.8				
NFC		0.001		0mm							
Ant 0	Left Side	3.196	3.196	0mm	53.7	35.3	-10.8	138.8	5.75	0.10	Not required
Ant 4		2.474	2.554	0mm							
WLAN 5G		0.079		0mm							
NFC		0.001		0mm	68.1	173.4	-10.8				

No.24 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	173.5	4.20	0.05	Not required
WLAN 2.4G		0.448	1.249	0mm	69.3	30.6	-10.8				
WLAN 5G		0.800		0mm							
NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	177.9	4.20	0.05	Not required
WLAN 2.4G		0.448	1.249	0mm							
WLAN 5G		0.800		0mm	68.8	26.2	-10.8				
NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	183.9	4.20	0.05	Not required
WLAN 2.4G		0.448	1.249	0mm							
WLAN 5G		0.800		0mm							
NFC		0.001		0mm	66.1	20.2	-10.8				
No.25 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	173.5	4.20	0.05	Not required
WLAN 2.4G		0.448	1.249	0mm	69.3	30.6	-10.8				
WLAN 5G		0.800		0mm							
NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	177.9	4.20	0.05	Not required
WLAN 2.4G		0.448	1.249	0mm							
WLAN 5G		0.800		0mm	68.8	26.2	-10.8				
NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	183.9	4.20	0.05	Not required
WLAN 2.4G		0.448	1.249	0mm							
WLAN 5G		0.800		0mm							
NFC		0.001		0mm	66.1	20.2	-10.8				
No.26 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	173.5	4.20	0.05	Not required
WLAN 2.4G		0.448	1.249	0mm	69.3	30.6	-10.8				
WLAN 5G		0.800		0mm							
NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	177.9	4.20	0.05	Not required

WLAN 2.4G		0.448		0mm							
WLAN 5G		0.800	1.249	0mm	68.8	26.2	-10.8				
NFC		0.001		0mm							
Ant 2		2.952	2.952	0mm	65.7	204.1	-10.8				
WLAN 2.4G	Right Side	0.448		0mm				183.9	4.20	0.05	Not required
WLAN 5G		0.800	1.249	0mm							
NFC		0.001		0mm	66.1	20.2	-10.8				
No.27 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2		2.952	2.952	0mm	65.7	204.1	-10.8				
Ant 6		2.635		0mm	70.5	20.9	-10.8				
WLAN 2.4G	Right Side	0.448	3.884	0mm				183.3	6.84	0.10	Not required
WLAN 5G		0.800		0mm							
NFC		0.001		0mm							
Ant 2		2.952	2.952	0mm	65.7	204.1	-10.8				
Ant 6		2.635		0mm							
WLAN 2.4G	Right Side	0.448	3.884	0mm	69.3	20.6	-10.8	183.5	6.84	0.10	Not required
WLAN 5G		0.800		0mm							
NFC		0.001		0mm							
Ant 2		2.952	2.952	0mm	65.7	204.1	-10.8				
Ant 6		2.635		0mm							
WLAN 2.4G	Right Side	0.448	3.884	0mm				177.9	6.84	0.10	Not required
WLAN 5G		0.800		0mm	68.8	26.2	-10.8				
NFC		0.001		0mm							
Ant 2		2.952	2.952	0mm	65.7	204.1	-10.8				
Ant 6		2.635		0mm							
WLAN 2.4G	Right Side	0.448	3.884	0mm				183.9	6.84	0.10	Not required
WLAN 5G		0.800		0mm							
NFC		0.001		0mm	66.1	20.2	-10.8				
No.28 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2		2.952	2.952	0mm	65.7	204.1	-10.8				
Ant 7		0.319		0mm	68.7	26.3	-10.8				
WLAN 2.4G	Right Side	0.448	1.568	0mm				177.8	4.52	0.05	Not required
WLAN 5G		0.800		0mm							
NFC		0.001		0mm							
Ant 2		2.952	2.952	0mm	65.7	204.1	-10.8				
Ant 7		0.319		0mm							
WLAN 2.4G	Right Side	0.448	1.568	0mm	69.3	30.6	-10.8	173.5	4.52	0.06	Not required
WLAN 5G		0.800		0mm							
NFC		0.001		0mm							
Ant 2		2.952	2.952	0mm	65.7	204.1	-10.8				
Ant 7		0.319		0mm							
WLAN 2.4G	Right Side	0.448	1.568	0mm				172.9	4.52	0.06	Not required
WLAN 5G		0.800		0mm	68.8	31.2	-10.8				
NFC		0.001		0mm							
Ant 2		2.952	2.952	0mm	65.7	204.1	-10.8				
Ant 7		0.319		0mm							
WLAN 2.4G	Right Side	0.448	1.568	0mm				183.9	4.52	0.05	Not required
WLAN 5G		0.800		0mm							
NFC		0.001		0mm	66.1	20.2	-10.8				
No.29 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant 2		2.952	2.952	0mm	65.7	204.1	-10.8				
WLAN 2.4G	Right Side	0.448	1.249	0mm	69.3	30.6	-10.8	173.5	4.20	0.05	Not required
WLAN 5G		0.800		0mm							

NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	172.9	4.20	0.05	Not required
WLAN 2.4G		0.448	1.249	0mm							
WLAN 5G		0.800		0mm	68.8	31.2	-10.8				
NFC		0.001		0mm							
Ant 2	Right Side	2.952	2.952	0mm	65.7	204.1	-10.8	183.9	4.20	0.05	Not required
WLAN 2.4G		0.448	1.249	0mm							
WLAN 5G		0.800		0mm							
NFC		0.001		0mm	66.1	20.2	-10.8				

<Sensor off>

No.1 Band	Position	SAR 10g SAR (W/kg)	Summed	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				X	Y	Z				
Ant 0	Front	2.058	2.058	82.4	205.7	-10.8	174.9	4.10	0.05	Not required
Ant 1		1.254	2.042	90.8	31	-10.8				
WLAN 5G		0.788								
Ant 0	Front	2.058	2.058	82.4	205.7	-10.8	169.7	4.10	0.05	Not required
Ant 1		1.254	2.042							
WLAN 5G		0.788		48.9	39.3	-10.8				
No.2 Band	**Position**	**SAR 10g SAR (W/kg)**	**Summed**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
				X	Y	Z				
Ant 0	Front	2.058	2.058	82.4	205.7	-10.8	163.5	4.86	0.07	Not required
Ant 4		2.013	2.801	100.4	43.2	-10.8				
WLAN 5G		0.788								
Ant 0	Front	2.058	2.058	82.4	205.7	-10.8	169.7	4.86	0.06	Not required
Ant 4		2.013	2.801							
WLAN 5G		0.788		48.9	39.3	-10.8				

17.7 Maximum Reported SAR and SAR Peak Locations

General Note:

1. The maximum reported SAR and SAR Peak Locations corresponding to each position of each frequency band of each antenna in the below tables are as follows.
2. The unit of SAR evaluation is W/kg. The unit of x, y, z with Axis evaluation is mm.

<Head>

Right Cheek																	
Band		Ant0			Ant2			Ant1			Ant4			Ant7			
GSM850	SAR (W/kg)		0.255														
	Axis	42.6	151.2	93.1													
GSM1900	SAR (W/kg)		0.146														
	Axis	42.8	150.4	93.4													
WCDMA II	SAR (W/kg)		0.224						0.772								
	Axis	42.7	150.9	93.2				78.1	77.2	94.1							
WCDMA IV	SAR (W/kg)		0.195						0.56								
	Axis	42.5	150.8	93.5				78.6	77.9	93.5							
WCDMA V	SAR (W/kg)		0.138						0.71								
	Axis	42.8	151	93.3				78.1	78.3	93.2							
LTE Band 71	SAR (W/kg)		0.105						0.679								
	Axis	42.7	150.9	93.1				78.2	82.1	94.9							
LTE Band 12	SAR (W/kg)		0.168						0.84								
	Axis	42.2	151.2	92.7				74.1	75	94.8							
LTE Band 13	SAR (W/kg)		0.152						0.911								
	Axis	43	150.6	94.7				74.2	74	94.7							
LTE Band 14	SAR (W/kg)		0.198						0.937								
	Axis	30.8	152.6	95.6				74.3	73.6	94.7							
LTE Band 25	SAR (W/kg)		0.267						0.7								
	Axis	29.9	153.3	92.6				73.3	72.2	87.7							
LTE Band 26	SAR (W/kg)		0.197						0.951								
	Axis	30.1	151.7	94.8				73.5	73.5	87.5							
LTE Band 66	SAR (W/kg)		0.287						0.799								
	Axis	30.6	150.3	94.7				73.6	75.1	97.6							
LTE Band 41	SAR (W/kg)		0.013			0.169			0.594								
	Axis	29.6	152.3	94.5	27.3	150.7	93	80.7	79.6	88.8							
FR1 n71	SAR (W/kg)		0.001						0.919								
	Axis	42.4	148	92.5				80.4	78.1	88.6							
FR1 n12	SAR (W/kg)		0.063						0.5								
	Axis	30.7	151.1	93.8				80.3	75.9	88.7							
FR1 n14	SAR (W/kg)		0.001						0.815								
	Axis	30.5	150.4	93.6				80.5	74.2	88.2							
FR1 n25	SAR (W/kg)		0.148						0.789								
	Axis	29.8	149.6	92.9				80.4	75.6	88.3							
FR1 n26	SAR (W/kg)		0.106						0.82								
	Axis	30.1	151.2	93.1				80.1	75.8	88.1							
FR1 n66	SAR (W/kg)		0.127						0.843								
	Axis	30.4	151.3	94.5				80.2	77.4	88.5							
FR1 n70	SAR (W/kg)		0.106						0.837								

	Axis	30.4	150.8	94.1				80.3	78.1	88.7						
FR1 n41 HPUE	SAR (W/kg)		0.068			0.251			0.73							
	Axis	29.4	152.8	94	27.5	148.1	92.5	80.4	76.9	88.5						
LTE Band 7	SAR (W/kg)					0.177										
	Axis				27.8	147.5	91.5									
LTE Band 30	SAR (W/kg)					0.181			0.754							
	Axis				27.9	147.3	91.6	80.1	73.4	88.3						
FR1 n7	SAR (W/kg)					0.175										
	Axis				28.1	147.8	91.7									
FR1 n30	SAR (W/kg)					0.176			0.751							
	Axis				28.2	148.6	92.2	80.2	74.6	88.5						
LTE Band 42 Part 27Q	SAR (W/kg)					0.558						0.704			0.483	
	Axis				29.8	146.7	92.6				94.3	105.6	90.1	37.3	82.6	84.9
LTE Band 48	SAR (W/kg)					0.265						0.912			0.455	
	Axis				27.6	149.2	91.8				94.2	102.3	90.2	37.6	81.5	83.5
FR1 n48	SAR (W/kg)					0.46						0.863			0.512	
	Axis				28.6	147.2	92.5				94.1	102.6	90.1	38	81.7	82.4
FR1 n77 Part 27O HPUE	SAR (W/kg)					0.623						0.552			0.482	
	Axis				28.4	148.5	91.2				94.3	103.2	90.4	37.9	82.1	81.9
FR1 n77 Part 27Q HPUE	SAR (W/kg)					0.289						0.92			0.502	
	Axis				28.7	147.3	91.7				94.2	102.1	90.3	38.2	81.4	82.5

WLAN2.4GHz Ant3+5	SAR (W/kg)	0.124				WLAN5GHz Ant6	SAR (W/kg)	0.26				WLAN5GHz Ant10	SAR (W/kg)	0.058		
	Axis	44.6	84.8	84.1			Axis	30.1	80.5	88.6			Axis	42.2	70.1	83.8
WLAN6GHz Ant6	SAR (W/kg)	0.298				WLAN6GHz Ant10	SAR (W/kg)	0.017				BT Ant3	SAR (W/kg)	0.084		
	Axis	30.4	80.8	88.4			Axis	42.5	70.6	83.5			Axis	40.8	73.2	82.3

Right Tilted										
Band		Ant0			Ant1			Ant2		
GSM850	SAR (W/kg)	0.124								
	Axis	48.6	128.7	94.2						
GSM1900	SAR (W/kg)	0.061								
	Axis	48.1	126.9	94.5						
WCDMA II	SAR (W/kg)	0.114			0.841					
	Axis	47.8	127.4	94.2	72.4	74.8	93.4			
WCDMA IV	SAR (W/kg)	0.086			0.859					
	Axis	48.2	127.5	94.2	72.5	75.8	93.8			
WCDMA V	SAR (W/kg)	0.075			0.574					
	Axis	17.6	126.3	94.1	72.9	76.2	93.7			
LTE Band 71	SAR (W/kg)	0.05			0.635					
	Axis	48	125.6	93.8	72	74.6	93.7			
LTE Band 12	SAR (W/kg)	0.083			0.735					
	Axis	48.5	127.6	93.5	72.5	74.2	94.1			
LTE Band 13	SAR (W/kg)	0.067			0.813					
	Axis	47.2	128.6	94.8	73.5	75.8	94.3			
LTE Band 14	SAR (W/kg)	0.098			0.844					
	Axis	47.6	127.3	95.2	73.1	75.6	94.7			
LTE Band 25	SAR (W/kg)	0.112			0.868					
	Axis	48.3	126.3	93.6	72.6	75.2	94			
LTE Band 26	SAR (W/kg)	0.097			0.83					

	Axis	47.2	126.8	95.3	73.5	75.6	93.4			
LTE Band 66	SAR (W/kg)	0.139			0.858					
	Axis	47.6	127.4	94.5	73.9	77.9	94.5			
LTE Band 41	SAR (W/kg)	0.001			0.838					
	Axis	48.7	128.9	92.5	73.8	80	94.6			
FR1 n71	SAR (W/kg)	0.001			0.779					
	Axis	47.9	126.8	94.6	72.8	78.6	94.7			
FR1 n12	SAR (W/kg)	0.001			0.425					
	Axis	48.2	127.6	95.6	73.6	78.4	93.6			
FR1 n14	SAR (W/kg)	0.001			0.66					
	Axis	47	128..9	94.8	72.8	77.6	94.2			
FR1 n25	SAR (W/kg)	0.078			0.88					
	Axis	46.5	127.3	95.1	73.6	77.4	95.3			
FR1 n26	SAR (W/kg)	0.001			0.739					
	Axis	46.8	126.8	95.6	72.4	76.3	94.3			
FR1 n66	SAR (W/kg)	0.056			0.888					
	Axis	47.9	127.1	95.2	73.2	77.2	95.1			
FR1 n70	SAR (W/kg)	0.001			0.893					
	Axis	48.2	126.5	95.3	73.8	76.9	94.6			
FR1 n41 HPUE	SAR (W/kg)	0.063			0.859			0.092		
	Axis	47.5	127.4	95.7	72.5	76.1	95.1	74.8	130.4	98.6
LTE Band 7	SAR (W/kg)							0.059		
	Axis							74.9	130.8	98.5
LTE Band 30	SAR (W/kg)				0.875			0.054		
	Axis				73.8	76.8	94.8	75.2	131.7	98.4
FR1 n7	SAR (W/kg)							0.057		
	Axis							74.3	132.3	99.6
FR1 n30	SAR (W/kg)				0.885			0.062		
	Axis				72.4	76.4	95.6	75.8	131.9	99.4
LTE Band 42 Part 27Q	SAR (W/kg)							0.214		
	Axis							75.6	134.7	99.2
LTE Band 48	SAR (W/kg)							0.109		
	Axis							74.9	133.6	99.3
FR1 n48	SAR (W/kg)							0.438		
	Axis							75.1	134.8	99.1
FR1 n77 Part 27O HPUE	SAR (W/kg)							0.209		
	Axis							74.6	133.4	98.9
FR1 n77 Part 27Q HPUE	SAR (W/kg)							0.103		
	Axis							74.7	134.6	99.5

WLAN2.4GHz Ant3+5	SAR (W/kg)	0.173				WLAN5GHz Ant6	SAR (W/kg)	0.193				WLAN5GHz Ant10	SAR (W/kg)	0.135		
	Axis	63.2	87	95.1			Axis	42.2	71.4	83.8			Axis	43.5	72.6	90.4
WLAN6GHz Ant6	SAR (W/kg)	0.228				WLAN6GHz Ant10	SAR (W/kg)	0.021				BT Ant3	SAR (W/kg)	0.068		
	Axis	63.2	87	95.1			Axis	42.2	71.4	83.8			Axis	42.6	80.6	89.3

Left Cheek																		
Band		Ant0			Ant1			Ant2			Ant6			Ant7				
GSM850	SAR (W/kg)	0.316																
	Axis	71.6	151.1	88.7														
GSM1900	SAR (W/kg)	0.097																
	Axis	71.4	151.5	89.0														
WCDMA II	SAR (W/kg)	0.182			0.358													
	Axis	71.3	151.5	89.5	73.5	77.2	92.6											

WCDMA IV	SAR (W/kg)	0.155			0.302											
	Axis	71.6	151.5	89.5	73.6	77.6	92.8									
WCDMA V	SAR (W/kg)	0.184			0.368											
	Axis	71.2	150.9	89.1	74.9	77.9	93.6									
LTE Band 71	SAR (W/kg)	0.121			0.358											
	Axis	71.7	150.9	92.5	69.5	77.1	88.2									
LTE Band 12	SAR (W/kg)	0.179			0.393											
	Axis	71.9	151.5	89.4	73.8	77.6	92.8									
LTE Band 13	SAR (W/kg)	0.184			0.491											
	Axis	71.1	151.5	88.7	73.3	78.9	94.1									
LTE Band 14	SAR (W/kg)	0.243			0.531											
	Axis	71.6	150.9	88.9	74.8	78.5	92.4									
LTE Band 25	SAR (W/kg)	0.166			0.388											
	Axis	71.49	151.27	90.5	70.5	78.9	88.6									
LTE Band 26	SAR (W/kg)	0.245			0.539											
	Axis	71.5	151.0	89.2	74.8	77.7	93.1									
LTE Band 66	SAR (W/kg)	0.167			0.373											
	Axis	71.8	151.0	89.4	74.4	77.3	92.8									
LTE Band 41	SAR (W/kg)	0.001			0.206			0.086								
	Axis	71.5	148.7	90.1	71.2	76.8	90.2	34.4	136	98.1						
FR1 n71	SAR (W/kg)	0.073			0.487											
	Axis	71.6	151.6	89.4	71.1	79.6	90.1									
FR1 n12	SAR (W/kg)	0.134			0.259											
	Axis	71.2	151.1	89.3	73.1	77.2	93.5									
FR1 n14	SAR (W/kg)	0.113			0.485											
	Axis	71.7	151.3	89.5	75.0	78.4	92.7									
FR1 n25	SAR (W/kg)	0.156			0.436											
	Axis	71.1	150.9	89.1	74.5	78.4	93.9									
FR1 n26	SAR (W/kg)	0.124			0.524											
	Axis	71.5	151.3	89.3	73.8	77.9	93.5									
FR1 n66	SAR (W/kg)	0.075			0.473											
	Axis	71.5	151.1	89.0	73.9	77.3	94.0									
FR1 n70	SAR (W/kg)	0.062			0.464											
	Axis	71.6	151.2	89.3	75.1	78.1	92.9									
FR1 n41 HPUE	SAR (W/kg)	0.053			0.158			0.164								
	Axis	71.7	151.4	89.0	73.5	77.2	93.7	33.4	140.9	95.7						
LTE Band 7	SAR (W/kg)							0.126								
	Axis							32.1	140.7	96.5						
LTE Band 30	SAR (W/kg)				0.253			0.141								
	Axis				74.8	77.4	92.8	32.5	140.7	96.1						
FR1 n7	SAR (W/kg)							0.112								
	Axis							33.6	141.6	95.3						
FR1 n30	SAR (W/kg)				0.26			0.128								
	Axis				74.4	77.1	94.0	33.4	140.8	97.0						
LTE Band 42 Part 27Q	SAR (W/kg)							0.362			0.91			0.832		
	Axis							35.6	138	99.2	20.2	73.4	94.3	38.8	73.3	94
LTE Band 48	SAR							0.153			0.91			0.895		

	(W/kg)																
	Axis							32.8	140.5	96.1	19.6	72.5	94.5	35.52	69.91	90.38
FR1 n48	SAR (W/kg)							0.286			0.877			0.856		
	Axis							32.3	141.8	95.2	20.1	71.9	95.1	36.33	69.73	90.82
FR1 n77 Part 27O HPUE	SAR (W/kg)							0.406			0.861				0.841	
	Axis							31.9	141.0	95.7	20	73	94.3	36.41	69.2	90.61
FR1 n77 Part 27Q HPUE	SAR (W/kg)							0.169			0.893				0.925	
	Axis							32.8	141.0	96.0	19.5	70.9	95.6	36.19	72.8	91.2
WLAN2.4GHz Ant3+5	SAR (W/kg)	0.248				WLAN5GHz Ant6	SAR (W/kg)	0.346				WLAN5GHz Ant10	SAR (W/kg)	0.088		
	Axis	26.3	85.9	88.9			Axis	26.4	79.7	94.5			Axis	13.8	60.1	96
WLAN6GHz Ant6	SAR (W/kg)	0.404				WLAN6GHz Ant10	SAR (W/kg)	0.019				BT Ant3	SAR (W/kg)	0.147		
	Axis	25.8	74.7	94.5			Axis	13.8	60.1	96			Axis	19.8	74.6	93.1

Left Tilted													
Band		Ant1			Ant2			Ant6			Ant7		
GSM850	SAR (W/kg)												
	Axis												
GSM1900	SAR (W/kg)												
	Axis												
WCDMA II	SAR (W/kg)	0.466											
	Axis	68.2	70.9	88.4									
WCDMA IV	SAR (W/kg)	0.393											
	Axis	68.5	71.3	88.8									
WCDMA V	SAR (W/kg)	0.353											
	Axis	68.9	71.3	88.9									
LTE Band 71	SAR (W/kg)	0.388											
	Axis	67.2	70.9	87.9									
LTE Band 12	SAR (W/kg)	0.44											
	Axis	68.1	71.3	88.3									
LTE Band 13	SAR (W/kg)	0.486											
	Axis	68.2	70.8	88.1									
LTE Band 14	SAR (W/kg)	0.51											
	Axis	68.6	70.8	88.1									
LTE Band 25	SAR (W/kg)	0.484											
	Axis	68.5	71.2	88.6									
LTE Band 26	SAR (W/kg)	0.547											
	Axis	68.7	71.0	88.9									
LTE Band 66	SAR (W/kg)	0.52											
	Axis	68.8	70.7	88.6									
LTE Band 41	SAR (W/kg)	0.286			0.074								
	Axis	65.3	72.5	88.4	31.3	137.1	94.8						
FR1 n71	SAR (W/kg)	0.504											
	Axis	68.3	71.6	89.0									
FR1 n12	SAR (W/kg)	0.266											
	Axis	68.9	71.5	88.4									
FR1 n14	SAR (W/kg)	0.465											
	Axis	68.4	71.0	88.3									
FR1 n25	SAR (W/kg)	0.554											
	Axis	68.9	71.7	88.8									
FR1 n26	SAR (W/kg)	0.498											
	Axis	68.0	70.7	88.8									
FR1 n66	SAR (W/kg)	0.599											

	Axis	68.1	70.9	88.2									
FR1 n70	SAR (W/kg)	0.647											
	Axis	68.5	71.1	88.8									
FR1 n41 HPUE	SAR (W/kg)	0.206			0.126								
	Axis	68.9	71.5	89.0	27.6	135.2	90.3						
LTE Band 7	SAR (W/kg)				0.098								
	Axis				26.8	135.1	90.0						
LTE Band 30	SAR (W/kg)	0.355			0.092								
	Axis	69.0	71.1	88.9	27.0	135.9	91.2						
FR1 n7	SAR (W/kg)				0.093								
	Axis				27.1	136.2	90.8						
FR1 n30	SAR (W/kg)	0.341			0.074								
	Axis	68.2	71.0	89.0	27.1	135.9	90.3						
LTE Band 42 Part 27Q	SAR (W/kg)				0.45			0.62			0.593		
	Axis				30.5	133.5	93.5	23.9	75.9	93.6	36.3	76.0	94.4
LTE Band 48	SAR (W/kg)				0.2			0.543			0.837		
	Axis				27.9	135.1	91.2	20.4	74.8	91.2	32.8	73.2	91.3
FR1 n48	SAR (W/kg)				0.346			0.618			0.811		
	Axis				27.3	135.5	90.0	20.7	73.8	90.1	33.1	73.2	91.3
FR1 n77 Part 27O HPUE	SAR (W/kg)				0.423			0.515				0.829	
	Axis				27.5	135.1	90.3	21.1	73.7	89.9	33.6	73.0	91.2
FR1 n77 Part 27Q HPUE	SAR (W/kg)				0.184			0.825				0.844	
	Axis				28.2	136.2	91.0	20.9	75.0	90.6	32.8	73.2	90.8

WLAN2.4GHz Ant3+5	SAR (W/kg)	0.175				WLAN5GHz Ant6	SAR (W/kg)	0.368				WLAN5GHz Ant10	SAR (W/kg)	0.062		
	Axis	28.9	76.1	93.3			Axis	31.3	74.2	94.2			Axis	22.6	75.3	94.9
WLAN6GHz Ant6	SAR (W/kg)	0.404				WLAN6GHz Ant10	SAR (W/kg)	0.025				BT Ant3	SAR (W/kg)	0.127		
	Axis	31.3	74.2	94.2			Axis	22.1	73.3	94.5			Axis	28.6	75.5	93.6

<Hotspot>

Front																												
Band		Ant0			Ant2			Ant1			Ant4			Ant5			Ant6			Ant7			Ant10		
GSM850	SAR (W/kg)		0.416																						
	Axis	82.8	197.0	-10.8																					
GSM1900	SAR (W/kg)		0.861																						
	Axis	83.0	201.5	-10.8																					
WCDMA II	SAR (W/kg)		1.03						0.304																
	Axis	82.0	202.8	-10.8				79.9	32.5	-10.8															
WCDMA IV	SAR (W/kg)		1.049						0.275																
	Axis	77.2	197.9	-10.8				85.4	52.2	-10.8															
WCDMA V	SAR (W/kg)		0.394						0.303																
	Axis	77.8	197.5	-10.8				85.2	50.6	-10.8															
LTE Band 71	SAR (W/kg)		0.145						0.302																
	Axis	79.0	195.7	-10.8				83.5	53.5	-10.8															
LTE Band 12	SAR (W/kg)		0.329						0.188																
	Axis	76.4	197.1	-10.8				85.0	51.8	-10.8															
LTE Band 13	SAR (W/kg)		0.351						0.339																
	Axis	77.0	198.3	-10.8				85.1	51.5	-10.8															
LTE Band 14	SAR (W/kg)		0.458						0.327																
	Axis	77.2	198.1	-10.8				86.1	51.9	-10.8															
LTE Band 25	SAR (W/kg)		0.664						0.353																

	Axis	84.6	200.1	-10.8				77.9	34.6	-10.8															
LTE Band 26	SAR (W/kg)		0.379						0.47																
	Axis	83.4	202.0	-10.8				79.1	33.1	-10.8															
LTE Band 66	SAR (W/kg)		0.927						0.257																
	Axis	83.1	201.7	-10.8				79.5	33.4	-10.8															
LTE Band 41	SAR (W/kg)		0.199			0.554			0.207														0.011		
	Axis	76.8	211.2	-10.8	29	209	-10.8	83.5	40.1	-10.8												105.3	75.2	-10.8	
FR1 n71	SAR (W/kg)		0.227						0.215																
	Axis	77.1	196.9	-10.8				85.1	50.7	-10.8															
FR1 n12	SAR (W/kg)		0.266						0.152																
	Axis	76.2	198.4	-10.8				85.0	52.2	-10.8															
FR1 n14	SAR (W/kg)		0.339						0.374																
	Axis	77.3	197.1	-10.8				85.5	50.8	-10.8															
FR1 n25	SAR (W/kg)		0.808						0.225						0.189										
	Axis	82.8	201.2	-10.8				80.2	33.5	-10.8				15.4	72.9	-10.8									
FR1 n26	SAR (W/kg)		0.58						0.495																
	Axis	82.9	201.5	-10.8				79.3	32.7	-10.8															
FR1 n66	SAR (W/kg)		0.97						0.373						0.001										
	Axis	83.0	202.0	-10.8				79.7	32.4	-10.8				14.9	72.5	-10.8									
FR1 n70	SAR (W/kg)		0.871						0.173						0.001										
	Axis	82.3	202.4	-10.8				79.2	33.1	-10.8				14.8	72.4	-10.8									
FR1 n41 HPUE	SAR (W/kg)		0.285			0.979			0.218														0.011		
	Axis	75.2	212.3	-10.8	28.0	209.3	-10.8	85.1	37.6	-10.8												104.6	78.2	-10.8	
LTE Band 7	SAR (W/kg)					0.539																			
	Axis				28.1	209.5	-10.8																		
LTE Band 30	SAR (W/kg)					0.959			0.238																
	Axis				28.4	209.1	-10.8	86.2	38.2	-10.8															
FR1 n7	SAR (W/kg)					0.771																			
	Axis				28.0	209.1	-10.8																		
FR1 n30	SAR (W/kg)					0.624			0.211																
	Axis				28.0	210.1	-10.8	84.8	37.9	-10.8															
LTE Band 42 Part 27Q	SAR (W/kg)					0.809						0.13						0.231			0.378				
	Axis				45.7	211.2	-10.8				99.2	74	-10.8				21.4	45.3	-10.8	43.5	36.8	-10.8			
LTE Band 48	SAR (W/kg)					0.355						0.131						0.237			0.395				
	Axis				44.6	211.9	-10.8				100	71.6	-10.8				20.2	44.4	-10.8	42.7	35.6	-10.8			
FR1 n48	SAR (W/kg)					0.424						0.154						0.252			0.425				
	Axis				44.7	211.8	-10.8				100.2	71.6	-10.8				20.7	44.7	-10.8	42.5	36.1	-10.8			
FR1 n77 Part 27O HPUE	SAR (W/kg)					0.539						0.114						0.267			0.425				
	Axis				45.0	211.8	-10.8				100.1	72.6	-10.8				20.4	44.5	-10.8	42.2	36.1	-10.8			
FR1 n77 Part 27Q HPUE	SAR (W/kg)					0.512						0.152						0.283			0.465				
	Axis				44.6	212.0	-10.8				99.8	71.2	-10.8				20.3	44.0	-10.8	42.2	36.0	-10.8			

WLAN2.4GHz Ant3+5	SAR (W/kg)	0.216				WLAN5GHz Ant6+7	SAR (W/kg)	0.197				BT Ant3	SAR (W/kg)	0.064		
	Axis	13	54.9	-10.8			Axis	27.4	48.9	-10.8			Axis	15	53.6	-10.8

Back																										
Band		Ant0			Ant2			Ant1			Ant4			Ant5			Ant6			Ant7			Ant10		
GSM850	SAR (W/kg)		1.116																						
	Axis	36.6	189.1	-10.8																					
GSM1900	SAR (W/kg)		1.199																						
	Axis	36.7	187.6	-10.8																					
WCDMA II	SAR (W/kg)		1.292						0.519																
	Axis	36.7	189.4	-10.8				38.4	38.2	-10.8															
WCDMA IV	SAR (W/kg)		1.261						0.37																
	Axis	37.0	189.2	-10.8				38.3	37.9	-10.8															
WCDMA V	SAR (W/kg)		1.269						0.57																
	Axis	36.5	189.5	-10.8				38.0	38.4	-10.8															
LTE Band 71	SAR (W/kg)		0.844						0.617																
	Axis	39.3	190.1	-10.8				35.7	47.7	-10.8															
LTE Band 12	SAR (W/kg)		1.041						0.299																
	Axis	37.2	190.5	-10.8				38.4	38.3	-10.8															
LTE Band 13	SAR (W/kg)		0.894						0.49																
	Axis	37.0	189.7	-10.8				37.4	37.6	-10.8															
LTE Band 14	SAR (W/kg)		1.107						0.553																
	Axis	36.4	188.4	-10.8				37.5	38.3	-10.8															
LTE Band 25	SAR (W/kg)		1.125						0.535																
	Axis	35.8	194.9	-10.8				36.9	34.6	-10.8															
LTE Band 26	SAR (W/kg)		1.093						0.605																
	Axis	36.7	191.0	-10.8				37.5	38.4	-10.8															
LTE Band 66	SAR (W/kg)		1.287						0.37																
	Axis	36.8	191.4	-10.8				37.5	37.7	-10.8															
LTE Band 41	SAR (W/kg)		1.243			0.859			0.396															0.634	
	Axis	34.6	178.2	-10.8	84.8	194.9	-10.8	36.9	39.1	-10.8													69.3	65.7	-10.8
FR1 n71	SAR (W/kg)		0.698						0.453																
	Axis	37.2	190.3	-10.8				38.1	38.6	-10.8															
FR1 n12	SAR (W/kg)		0.697						0.325																
	Axis	36.6	191.4	-10.8				37.9	37.7	-10.8															
FR1 n14	SAR (W/kg)		0.902						0.613																
	Axis	36.7	190.7	-10.8				37.4	38.0	-10.8															
FR1 n25	SAR (W/kg)		1.272						0.36						0.363										
	Axis	36.4	190.7	-10.8				38.3	38.1	-10.8				94.4	69.3	-10.8									
FR1 n26	SAR (W/kg)		1.196						0.753																
	Axis	36.4	192.3	-10.8				38.4	38.5	-10.8															
FR1 n66	SAR (W/kg)		1.28						0.558						0.059										
	Axis	36.5	191.4	-10.8				38.3	38.5	-10.8				95.6	65.2	-10.8									
FR1 n70	SAR (W/kg)		1.253						0.295						0.072										
	Axis	36.7	189.7	-10.8				37.7	38.2	-10.8				96.2	66.2	-10.8									
FR1 n41 HPUE	SAR (W/kg)		1.274			1.271			0.421															0.627	
	Axis	36.8	190.4	-10.8	83.5	195.6	-10.8	37.5	38.1	-10.8													66.8	64.2	-10.8
LTE Band 7	SAR (W/kg)					1.158																			
	Axis				84.1	195.9	-10.8																		
LTE Band 30	SAR (W/kg)					1.163			0.445																

	Axis				83.2	196.2	-10.8	38.2	37.9	-10.8															
FR1 n7	SAR (W/kg)					1.03																			
	Axis				82.1	196.4	-10.8																		
FR1 n30	SAR (W/kg)					0.933			0.371																
	Axis				83.3	198.4	-10.8	38.2	38.4	-10.8															
LTE Band 42 Part 27Q	SAR (W/kg)					0.863						0.252						0.622			0.392				
	Axis				78.8	199.7	-10.8				25	69.3	-10.8				95.6	46.5	-10.8	78.8	40.5	-10.8			
LTE Band 48	SAR (W/kg)					0.39						0.26						0.641			0.56				
	Axis				80.5	200.1	-10.8				24	67.5	-10.8				96.5	43.2	-10.8	80.2	38.6	-10.8			
FR1 n48	SAR (W/kg)					0.444						0.332						0.619			0.434				
	Axis				80.4	201.2	-10.8				23.5	66.5	-10.8				96.1	44.7	-10.8	79.6	39.4	-10.8			
FR1 n77 Part 27O HPUE	SAR (W/kg)					0.632						0.346						0.284			0.403				
	Axis				80.6	199.8	-10.8				23.9	66.7	-10.8				96.7	43.8	-10.8	80.4	37.5	-10.8			
FR1 n77 Part 27Q HPUE	SAR (W/kg)					0.579						0.283						0.638			0.652				
	Axis				79.5	200.7	-10.8				23.4	64.8	-10.8				97	42.8	-10.8	81.5	38.1	-10.8			

WLAN2.4GHz Ant3+5	SAR (W/kg)	0.672				WLAN5GHz Ant6+7	SAR (W/kg)	0.358				BT Ant3	SAR (W/kg)	0.073		
	Axis	80	62.1	-10.8			Axis	89.6	54.9	-10.8			Axis	76	63.4	-10.8

Left Side							
Band		Ant0			Ant4		
GSM850	SAR (W/kg)		0.452				
	Axis	52.2	21.9	-10.8			
GSM1900	SAR (W/kg)		0.99				
	Axis	53.7	20.4	-10.8			
WCDMA II	SAR (W/kg)		0.768				
	Axis	53.7	20.7	-10.8			
WCDMA IV	SAR (W/kg)		1.231				
	Axis	52.5	20.7	-10.8			
WCDMA V	SAR (W/kg)		0.428				
	Axis	53.2	20.6	-10.8			
LTE Band 71	SAR (W/kg)		0.53				
	Axis	62.1	19.2	-10.8			
LTE Band 12	SAR (W/kg)		0.792				
	Axis	52.7	20.3	-10.8			
LTE Band 13	SAR (W/kg)		0.488				
	Axis	52.6	20.4	-10.8			
LTE Band 14	SAR (W/kg)		0.646				
	Axis	53.6	20.3	-10.8			
LTE Band 25	SAR (W/kg)		0.75				
	Axis	56.1	25.2	-10.8			
LTE Band 26	SAR (W/kg)		0.443				
	Axis	53.0	20.5	-10.8			
LTE Band 66	SAR (W/kg)		1.131				
	Axis	52.4	20.4	-10.8			
LTE Band 41	SAR (W/kg)		0.079				
	Axis	50.1	19.4	-10.8			
FR1 n71	SAR (W/kg)		0.482				
	Axis	52.4	21.6	-10.8			
FR1 n12	SAR (W/kg)		0.569				
	Axis	53.7	20.3	-10.8			
FR1 n14	SAR (W/kg)		0.499				
	Axis	53.2	21.0	-10.8			

FR1 n25	SAR (W/kg)		0.785				
	Axis	52.4	20.8	-10.8			
FR1 n26	SAR (W/kg)		0.692				
	Axis	53.9	22.3	-10.8			
FR1 n66	SAR (W/kg)		1.139				
	Axis	53.6	20.1	-10.8			
FR1 n70	SAR (W/kg)		1.161				
	Axis	53.4	21.5	-10.8			
FR1 n41 HPUE	SAR (W/kg)		0.118				
	Axis	53.2	20.2	-10.8			
LTE Band 42 Part 27Q	SAR (W/kg)					0.61	
	Axis				70.1	167.8	-10.8
LTE Band 48	SAR (W/kg)					0.604	
	Axis				70.5	165.3	-10.8
FR1 n48	SAR (W/kg)					0.627	
	Axis				69.3	161.4	-10.8
FR1 n77 Part 27O HPUE	SAR (W/kg)					0.623	
	Axis				69.8	166.6	-10.8
FR1 n77 Part 27Q HPUE	SAR (W/kg)					0.587	
	Axis				71.2	162.4	-10.8
WLAN5GHz Ant6+7	SAR (W/kg)		**0.041**				
	Axis	53.7	183.6	-10.8			

Right Side																						
Band		Ant2			Ant1			Ant4			Ant5			Ant6			Ant7			Ant10		
WCDMA II	SAR (W/kg)					0.016																
	Axis				70.2	36.8	-10.8															
WCDMA IV	SAR (W/kg)					0.016																
	Axis				70.1	36.5	-10.8															
WCDMA V	SAR (W/kg)					0.092																
	Axis				69.1	36.7	-10.8															
LTE Band 71	SAR (W/kg)					0.117																
	Axis				69.3	36.4	-10.8															
LTE Band 12	SAR (W/kg)					0.091																
	Axis				68.4	36.1	-10.8															
LTE Band 13	SAR (W/kg)					0.139																
	Axis				62.3	37	-10.8															
LTE Band 14	SAR (W/kg)					0.127																
	Axis				65.2	36.5	-10.8															
LTE Band 25	SAR (W/kg)					0.02																
	Axis				69.5	37.8	-10.8															
LTE Band 26	SAR (W/kg)					0.153																
	Axis				68.2	33.4	-10.8															
LTE Band 66	SAR (W/kg)					0.016																
	Axis				67.4	34.7	-10.8															
LTE Band 41	SAR (W/kg)		0.633			0.001															0.049	
	Axis	62.1	159	-10.8	62.6	32.3	-10.8													62.4	75.2	-10.8
FR1 n71	SAR (W/kg)					0.099																
	Axis				65.2	36.7	-10.8															
FR1 n12	SAR (W/kg)					0.061																

	Axis				63.4	40	-10.8															
FR1 n14	SAR (W/kg)					0.165																
	Axis				68.1	34.8	-10.8															
FR1 n25	SAR (W/kg)					0.011						0.612										
	Axis				67.6	37.6	-10.8				56.1	61	-10.8									
FR1 n26	SAR (W/kg)					0.165																
	Axis				66.8	31.2	-10.8															
FR1 n66	SAR (W/kg)					0.018						0.15										
	Axis				69.1	32.8	-10.8				54.2	60.2	-10.8									
FR1 n70	SAR (W/kg)					0.009						0.111										
	Axis				63.4	33.4	-10.8				55.4	60.3	-10.8									
FR1 n41 HPUE	SAR (W/kg)		1.035			0.014															0.047	
	Axis	63.4	152.6	-10.8	64.8	36.1	-10.8													60.1	74.6	-10.8
LTE Band 7	SAR (W/kg)		0.555																			
	Axis	64.2	158.2	-10.8																		
LTE Band 30	SAR (W/kg)		0.633			0.007																
	Axis	63.5	157.4	-10.8	66.5	35.2	-10.8															
FR1 n7	SAR (W/kg)		0.843																			
	Axis	64.8	158.9	-10.8																		
FR1 n30	SAR (W/kg)		0.47			0.016																
	Axis	66.8	156.7	-10.8	63.9	36.1	-10.8															
LTE Band 42 Part 27Q	SAR (W/kg)		1.078						0.004						0.633			0.12				
	Axis	62.1	150.7	-10.8				68.5	81.2	-10.8				63.3	58	-10.8	65.7	62.1	-10.8			
LTE Band 48	SAR (W/kg)		0.446						0.004						0.429			0.119				
	Axis	67.5	154.8	-10.8				70.5	80.5	-10.8				64.2	57.7	-10.8	64.2	56.7	-10.8			
FR1 n48	SAR (W/kg)		0.438						0.004						0.472			0.139				
	Axis	67.4	153.2	-10.8				69.4	80.6	-10.8				63.5	57	-10.8	64.2	58.7	-10.8			
FR1 n77 Part 27O HPUE	SAR (W/kg)		0.16						0.004						0.264			0.13				
	Axis	67.7	154.9	-10.8				71.2	81	-10.8				64.1	57.8	-10.8	64.8	57.2	-10.8			
FR1 n77 Part 27Q HPUE	SAR (W/kg)		1.083						0.003						0.66			0.155				
	Axis	65.8	155.3	-10.8				70.1	79.5	-10.8				63.7	56	-10.8	65	58.9	-10.8			

WLAN2.4GHz Ant3+5	SAR (W/kg)	0.253				WLAN5GHz Ant6+7	SAR (W/kg)	0.232				BT Ant3	SAR (W/kg)	0.043		
	Axis	34.6	59.6	-10.8			Axis	46.5	51.3	-10.8			Axis	32.4	60.3	-10.8

<Body-worn>

Front																										
Band		Ant0			Ant2			Ant1			Ant4			Ant5			Ant6			Ant7			Ant10		
GSM850	SAR (W/kg)	0.416																							
	Axis	82.8	197.0	-10.8																					
GSM1900	SAR (W/kg)	0.861																							
	Axis	83.0	201.5	-10.8																					
WCDMA II	SAR (W/kg)	1.03							0.51																
	Axis	82.0	202.8	-10.8				79.9	32.5	-10.8															
WCDMA IV	SAR (W/kg)	1.049							0.523																
	Axis	77.2	197.9	-10.8				85.4	52.2	-10.8															
WCDMA V	SAR (W/kg)	0.394							0.425																
	Axis	77.8	197.5	-10.8				85.2	50.6	-10.8															
LTE Band 71	SAR (W/kg)	0.145							0.324																
	Axis	79.0	195.7	-10.8				83.5	53.5	-10.8															
LTE Band 12	SAR (W/kg)	0.329							0.188																
	Axis	76.4	197.1	-10.8				85.0	51.8	-10.8															
LTE Band 13	SAR (W/kg)	0.351							0.339																
	Axis	77.0	198.3	-10.8				85.1	51.5	-10.8															
LTE Band 14	SAR (W/kg)	0.458							0.327																
	Axis	77.2	198.1	-10.8				86.1	51.9	-10.8															
LTE Band 25	SAR (W/kg)	0.664							0.584																
	Axis	84.6	200.1	-10.8				77.9	34.6	-10.8															
LTE Band 26	SAR (W/kg)	0.379							0.47																
	Axis	83.4	202.0	-10.8				79.1	33.1	-10.8															
LTE Band 66	SAR (W/kg)	0.927							0.618																
	Axis	83.1	201.7	-10.8				79.5	33.4	-10.8															
LTE Band 41	SAR (W/kg)	0.199			0.758				0.441														0.001	
	Axis	76.8	211.2	-10.8	29	209	-10.8	83.5	40.1	-10.8												105.3	75.2	-10.8
FR1 n71	SAR (W/kg)	0.227							0.215																
	Axis	77.1	196.9	-10.8				85.1	50.7	-10.8															
FR1 n12	SAR (W/kg)	0.266							0.152																
	Axis	76.2	198.4	-10.8				85.0	52.2	-10.8															
FR1 n14	SAR (W/kg)	0.274							0.4																
	Axis	77.3	197.1	-10.8				85.5	50.8	-10.8															
FR1 n25	SAR (W/kg)	0.808							0.504					0.212											
	Axis	82.8	201.2	-10.8				80.2	33.5	-10.8				15.4	72.9	-10.8									
FR1 n26	SAR (W/kg)	0.58							0.495																
	Axis	82.9	201.5	-10.8				79.3	32.7	-10.8															
FR1 n66	SAR (W/kg)	0.97							0.543					0.001											
	Axis	83.0	202.0	-10.8				79.7	32.4	-10.8				14.9	72.5	-10.8									
FR1 n70	SAR (W/kg)	0.871							0.521					0.001											
	Axis	82.3	202.4	-10.8				79.2	33.1	-10.8				14.8	72.4	-10.8									
FR1 n41 HPUE	SAR (W/kg)	0.285			0.979				0.445														0.015	
	Axis	75.2	212.3	-10.8	28.0	209.3	-10.8	85.1	37.6	-10.8												104.6	78.2	-10.8
LTE Band 7	SAR (W/kg)				0.539																				
	Axis				28.1	209.5	-10.8																		

LTE Band 30	SAR (W/kg)				1.068				0.472																	
	Axis				28.4	209.1	-10.8	86.2	38.2	-10.8																
FR1 n7	SAR (W/kg)				0.983																					
	Axis				28.0	209.1	-10.8																			
FR1 n30	SAR (W/kg)				0.849				0.5																	
	Axis				28.0	210.1	-10.8	84.8	37.9	-10.8																
LTE Band 42 Part 27Q	SAR (W/kg)				1.193							0.333						0.331			0.647					
	Axis				45.7	211.2	-10.8				99.2	74.0	-10.8				21.4	45.3	-10.8	43.5	36.8	-10.8				
LTE Band 48	SAR (W/kg)				0.599							0.389						0.353			0.703					
	Axis				44.6	211.9	-10.8				100.0	71.6	-10.8				20.2	44.4	-10.8	42.7	35.6	-10.8				
FR1 n48	SAR (W/kg)				1.234							0.395						0.353			0.862					
	Axis				44.7	211.8	-10.8				100.2	71.6	-10.8				20.7	44.7	-10.8	42.5	36.1	-10.8				
FR1 n77 Part 27O HPUE	SAR (W/kg)				0.678							0.223						0.576			0.885					
	Axis				45.0	211.8	-10.8				100.1	72.6	-10.8				20.4	44.5	-10.8	42.2	36.1	-10.8				
FR1 n77 Part 27Q HPUE	SAR (W/kg)				0.838							0.29						0.42			0.544					
	Axis				44.6	212.0	-10.8				99.8	71.2	-10.8				20.3	44.0	-10.8	42.2	36.0	-10.8				

WLAN2.4GHz Ant3+5	SAR (W/kg)	0.167				WLAN5GHz Ant6+7	SAR (W/kg)	0.336				WLAN6GHz Ant6+7	SAR (W/kg)	0.107		
	Axis	13	54.9	-10.8			Axis	27.4	48.9	-10.8			Axis	48.9	38.1	-10.8
BT Ant3	SAR (W/kg)	0.062														
	Axis	15	53.6	-10.8												

Back																										
Band		Ant0			Ant2			Ant1			Ant4			Ant5			Ant6			Ant7			Ant10		
GSM850	SAR (W/kg)		1.116																							
	Axis	36.6	189.1	-10.8																						
GSM1900	SAR (W/kg)		1.199																							
	Axis	36.7	187.6	-10.8																						
WCDMA II	SAR (W/kg)		1.292						0.867																	
	Axis	36.7	189.4	-10.8				38.4	38.2	-10.8																
WCDMA IV	SAR (W/kg)		1.261						0.881																	
	Axis	37.0	189.2	-10.8				38.3	37.9	-10.8																
WCDMA V	SAR (W/kg)		1.269						0.801																	
	Axis	36.5	189.5	-10.8				38.0	38.4	-10.8																
LTE Band 71	SAR (W/kg)		0.844						0.661																	
	Axis	39.3	190.1	-10.8				35.7	47.7	-10.8																
LTE Band 12	SAR (W/kg)		1.041						0.299																	
	Axis	37.2	190.5	-10.8				38.4	38.3	-10.8																
LTE Band 13	SAR (W/kg)		0.894						0.49																	
	Axis	37.0	189.7	-10.8				37.4	37.6	-10.8																
LTE Band 14	SAR (W/kg)		1.107						0.553																	
	Axis	36.4	188.4	-10.8				37.5	38.3	-10.8																
LTE Band 25	SAR (W/kg)		1.125						0.889																	
	Axis	35.8	194.9	-10.8				36.9	34.6	-10.8																
LTE Band 26	SAR (W/kg)		1.093						0.605																	
	Axis	36.7	191.0	-10.8				37.5	38.4	-10.8																
LTE Band 66	SAR (W/kg)		1.287						0.888																	

	Axis	36.8	191.4	-10.8				37.5	37.7	-10.8																
LTE Band 41	SAR (W/kg)		1.243			1.125			0.844																0.952	
	Axis	34.6	178.2	-10.8	84.8	194.9	-10.8	36.9	39.1	-10.8													69.3	65.7	-10.8
FR1 n71	SAR (W/kg)		0.698						0.453																	
	Axis	37.2	190.3	-10.8				38.1	38.6	-10.8																
FR1 n12	SAR (W/kg)		0.697						0.325																	
	Axis	36.6	191.4	-10.8				37.9	37.7	-10.8																
FR1 n14	SAR (W/kg)		0.793						0.575																	
	Axis	36.7	190.7	-10.8				37.4	38.0	-10.8																
FR1 n25	SAR (W/kg)		1.272						0.886						0.406											
	Axis	36.4	190.7	-10.8				38.3	38.1	-10.8				94.4	69.3	-10.8										
FR1 n26	SAR (W/kg)		1.275						0.753																	
	Axis	36.4	192.3	-10.8				38.4	38.5	-10.8																
FR1 n66	SAR (W/kg)		1.28						0.878						0.059											
	Axis	36.5	191.4	-10.8				38.3	38.5	-10.8				95.6	65.2	-10.8										
FR1 n70	SAR (W/kg)		1.253						0.885						0.072											
	Axis	36.7	189.7	-10.8				37.7	38.2	-10.8				96.2	66.2	-10.8										
FR1 n41 HPUE	SAR (W/kg)		1.274			1.271			0.847																0.882	
	Axis	36.8	190.4	-10.8	83.5	195.6	-10.8	37.5	38.1	-10.8													66.8	64.2	-10.8
LTE Band 7	SAR (W/kg)					1.158																				
	Axis				84.1	195.9	-10.8																			
LTE Band 30	SAR (W/kg)					1.294			0.882																	
	Axis				83.2	196.2	-10.8	38.2	37.9	-10.8																
FR1 n7	SAR (W/kg)					1.285																				
	Axis				82.1	196.4	-10.8																			
FR1 n30	SAR (W/kg)					1.267			0.877																	
	Axis				83.3	198.4	-10.8	38.2	38.4	-10.8																
LTE Band 42 Part 27Q	SAR (W/kg)					1.195						0.885						0.885			0.879					
	Axis				78.8	199.7	-10.8				25	69.3	-10.8				95.6	46.5	-10.8	78.8	40.5	-10.8				
LTE Band 48	SAR (W/kg)					1.048						0.879						0.88			0.878					
	Axis				80.5	200.1	-10.8				24	67.5	-10.8				96.5	43.2	-10.8	80.2	38.6	-10.8				
FR1 n48	SAR (W/kg)					1.291						0.854						0.867			0.879					
	Axis				80.4	201.2	-10.8				23.5	66.5	-10.8				96.1	44.7	-10.8	79.6	39.4	-10.8				
FR1 n77 Part 27O HPUE	SAR (W/kg)					0.793						0.68						0.604			0.838					
	Axis				80.6	199.8	-10.8				23.9	66.7	-10.8				96.7	43.8	-10.8	80.4	37.5	-10.8				
FR1 n77 Part 27Q HPUE	SAR (W/kg)					0.959						0.541						0.887			0.743					
	Axis				79.5	200.7	-10.8				23.4	64.8	-10.8				97	42.8	-10.8	81.5	38.1	-10.8				

WLAN2.4GHz Ant3+5	SAR (W/kg)	0.388				WLAN5GHz Ant6+7	SAR (W/kg)	0.363				WLAN6GHz Ant6+7	SAR (W/kg)	0.279		
	Axis	80	62.1	-10.8			Axis	89.6	54.9	-10.8			Axis	72.9	42.9	-10.8
BT Ant3	SAR (W/kg)	0.093														
	Axis	76	63.4	-10.8												

<Sensor off>

Front																							
Band		Ant0			Ant 2			Ant 1			Ant4			Ant6			Ant7			Ant10		
GSM1900	SAR (W/kg)		0.791																				
	Axis	83.0	201.5	-10.8																			
WCDMA II	SAR (W/kg)		0.725						0.329														
	Axis	82.0	202.8	-10.8				79.9	32.5	-10.8													
WCDMA IV	SAR (W/kg)		0.428						0.162														
	Axis	77.2	197.9	-10.8				85.4	52.2	-10.8													
LTE Band 25	SAR (W/kg)		0.271						0.333														
	Axis	84.6	200.1	-10.8				77.9	34.6	-10.8													
LTE Band 66	SAR (W/kg)		0.427						0.309														
	Axis	83.1	201.7	-10.8				79.5	33.4	-10.8													
LTE Band 41	SAR (W/kg)		0.22			0.138			0.177												0.241	
	Axis	76.8	211.2	-10.8	29.0	209.0	-10.8	83.5	40.1	-10.8										105.3	75.2	-10.8
FR1 n25	SAR (W/kg)		0.294						0.383													
	Axis	82.8	201.2	-10.8				80.2	33.5	-10.8												
FR1 n66	SAR (W/kg)		0.417						0.327													
	Axis	83.0	202.0	-10.8				79.7	32.4	-10.8												
FR1 n70	SAR (W/kg)		0.402						0.306													
	Axis	82.3	202.4	-10.8				79.2	33.1	-10.8												
FR1 n41 HPUE	SAR (W/kg)		0.148			0.091			0.498												0.32	
	Axis	75.2	212.3	-10.8	28.0	209.3	-10.8	85.1	37.6	-10.8										104.6	78.2	-10.8
LTE Band 7	SAR (W/kg)					0.072																
	Axis				28.1	209.5	-10.8															
LTE Band 30	SAR (W/kg)					0.2			0.121													
	Axis				28.4	209.1	-10.8	86.2	38.2	-10.8												
FR1 n7	SAR (W/kg)					0.112																
	Axis				28.0	209.1	-10.8															
FR1 n30	SAR (W/kg)					0.195			0.416													
	Axis				28.0	210.1	-10.8	84.8	37.9	-10.8												
LTE Band 42 Part 27Q	SAR (W/kg)											0.383			0.152			0.253				
	Axis										99.2	74.0	-10.8	21.4	45.3	-10.8	43.5	36.8	-10.8			
LTE Band 48	SAR (W/kg)					0.173						0.259			0.157			0.36				
	Axis				44.6	211.9	-10.8				100.0	71.6	-10.8	20.2	44.4	-10.8	42.7	35.6	-10.8			
FR1 n48	SAR (W/kg)					0.243						0.265			0.158			0.378				
	Axis				44.7	211.8	-10.8				100.2	71.6	-10.8	20.7	44.7	-10.8	42.5	36.1	-10.8			
FR1 n77 Part 27O HPUE	SAR (W/kg)					0.448						0.238			0.11			0.455				
	Axis				45.0	211.8	-10.8				100.1	72.6	-10.8	20.4	44.5	-10.8	42.2	36.1	-10.8			
FR1 n77 Part 27Q HPUE	SAR (W/kg)					0.516						0.177			0.149			0.354				
	Axis				44.6	212.0	-10.8				99.8	71.2	-10.8	20.3	44.0	-10.8	42.2	36.0	-10.8			

WLAN2.4GHz Ant3+5	SAR (W/kg)	0.245				WLAN5GHz Ant6+7	SAR (W/kg)	0.525				WLAN6GHz Ant6+7	SAR (W/kg)	0.16		
	Axis	13	54.9	-10.8			Axis	27.4	48.9	-10.8			Axis	48.9	38.1	-10.8

Back																						
Band		Ant0			Ant 2			Ant 1			Ant4			Ant6			Ant7			Ant10	
GSM1900	SAR (W/kg)		0.756																			
	Axis	36.7	187.6	-10.8																		
WCDMA II	SAR (W/kg)		0.697						0.299													
	Axis	36.7	189.4	-10.8				38.39	38.24	-10.8												
WCDMA IV	SAR (W/kg)		0.346						0.149													
	Axis	37.0	189.2	-10.8				38.3	37.89	-10.8												
LTE Band 25	SAR (W/kg)		0.26						0.286													
	Axis	35.8	194.9	-10.8				36.9	34.6	-10.8												
LTE Band 26	SAR (W/kg)																					
	Axis																					
LTE Band 66	SAR (W/kg)		0.272						0.256													
	Axis	36.8	191.4	-10.8				37.5	37.69	-10.8												
LTE Band 41	SAR (W/kg)		0.163			0.148			0.141												0.271	
	Axis	34.6	178.2	-10.8	84.8	194.9	-10.8	36.9	39.1	-10.8										69.3	65.7	-10.8
FR1 n25	SAR (W/kg)		0.274						0.447													
	Axis	36.4	190.7	-10.8				38.3	38.07	-10.8												
FR1 n66	SAR (W/kg)		0.265						0.33													
	Axis	36.5	191.4	-10.8				38.34	38.47	-10.8												
FR1 n70	SAR (W/kg)		0.251						0.309													
	Axis	36.7	189.7	-10.8				37.73	38.23	-10.8												
FR1 n41 HPUE	SAR (W/kg)		0.288			0.092			0.537												0.351	
	Axis	36.8	190.4	-10.8	83.5	195.6	-10.8	37.53	38.13	-10.8										66.8	64.2	-10.8
LTE Band 7	SAR (W/kg)					0.077																
	Axis				84.1	195.9	-10.8															
LTE Band 30	SAR (W/kg)					0.197			0.126													
	Axis				83.2	196.2	-10.8	38.17	37.92	-10.8												
FR1 n7	SAR (W/kg)					0.113																
	Axis				82.1	196.4	-10.8															
FR1 n30	SAR (W/kg)					0.192			0.466													
	Axis				83.3	198.4	-10.8	38.2	38.43	-10.8												
LTE Band 42 Part 27Q	SAR (W/kg)											0.717			0.205			0.215				
	Axis										25	69.3	-10.8	95.6	46.5	-10.8	78.8	40.5	-10.8			
LTE Band 48	SAR (W/kg)					0.144						0.461			0.214			0.321				
	Axis				80.5	200.1	-10.8				24	67.5	-10.8	96.5	43.2	-10.8	80.2	38.6	-10.8			
FR1 n48	SAR (W/kg)					0.252						0.467			0.216			0.327				
	Axis				80.4	201.2	-10.8				23.5	66.5	-10.8	96.1	44.7	-10.8	79.6	39.4	-10.8			
FR1 n77 Part 27O HPUE	SAR (W/kg)					0.304						0.405			0.142			0.326				
	Axis				80.6	199.8	-10.8				23.9	66.7	-10.8	96.7	43.8	-10.8	80.4	37.5	-10.8			
FR1 n77 Part 27Q HPUE	SAR (W/kg)					0.35						0.311			0.197			0.258				
	Axis				79.5	200.7	-10.8				23.4	64.8	-10.8	97	42.8	-10.8	81.5	38.1	-10.8			

WLAN2.4GHz Ant3+5	SAR (W/kg)	0.219				WLAN5GHz Ant6+7	SAR (W/kg)	0.612				WLAN6GHz Ant6+7	SAR (W/kg)	0.258		
	Axis	80	62.1	-10.8			Axis	89.6	54.9	-10.8			Axis	72.9	42.9	-10.8

<Extremity>

Front																				
Band		Ant0			Ant2			Ant1			Ant4			Ant6			Ant7		
GSM1900	SAR (W/kg)		2.208																
	Axis	82.4	211.4	-10.8															
WCDMA II	SAR (W/kg)		3.173						1.958										
	Axis	82.6	212.2	-10.8				73.1	24.1	-10.8									
WCDMA IV	SAR (W/kg)		2.907						1.108										
	Axis	82.7	211.5	-10.8				73.5	23.8	-10.8									
LTE Band 25	SAR (W/kg)		2.526						2.424										
	Axis	82.4	205.7	-10.8				74	26.5	-10.8									
LTE Band 66	SAR (W/kg)		2.98						1.442										
	Axis	82.5	210.4	-10.8				73	25.4	-10.8									
FR1 n25	SAR (W/kg)		2.707						2.324										
	Axis	83.1	208.7	-10.8				89.1	30.2	-10.8									
FR1 n66	SAR (W/kg)		2.649						1.504										
	Axis	83.2	209.6	-10.8				88.7	30	-10.8									
FR1 n70	SAR (W/kg)		2.517						0.973										
	Axis	82.6	210.5	-10.8				89.6	30.8	-10.8									
FR1 n41 HPUE	SAR (W/kg)					2.861			1.782										
	Axis				30	198.2	-10.8	90.8	31	-10.8									
LTE Band 7	SAR (W/kg)					196.3													
	Axis				31	196.1	-10.8												
LTE Band 30	SAR (W/kg)					2.762			1.901										
	Axis				30.5	197.8	-10.8	87.5	30.5	-10.8									
FR1 n7	SAR (W/kg)					2.172													
	Axis				30.6	197.5	-10.8												
FR1 n30	SAR (W/kg)					2.475													
	Axis				30	197.4	-10.8												
LTE Band 42 Part 27Q	SAR (W/kg)					2.368						0.745							
	Axis				38.1	197.3	-10.8				100.4	43.2	-10.8						
LTE Band 48	SAR (W/kg)					0.995						2.265						2.308	
	Axis				38	198.6	-10.8				98.6	41.2	-10.8				41.2	38.6	-10.8
FR1 n48	SAR (W/kg)					1.284						0.937						1.674	
	Axis				37.5	199.9	-10.8				99.7	40.1	-10.8				40.1	37.9	-10.8
FR1 n77 Part 27O HPUE	SAR (W/kg)					0.881						0.483			1.249			1.366	
	Axis				37.8	200	-10.8				100.1	41.9	-10.8	22.6	40.5	-10.8	41.7	40.5	-10.8
FR1 n77 Part 27Q HPUE	SAR (W/kg)					0.66						0.906			1.192			1.333	
	Axis				36	200.2	-10.8				100.3	42.1	-10.8	21.13	39.6	-10.8	40.5	38.1	-10.8

NFC	SAR (W/kg)	0.001				WLAN5GHz Ant6+7	SAR (W/kg)	0.985				WLAN6GHz Ant6+7	SAR (W/kg)	0.13		
	Axis	99.5	37.5	-10.8			Axis	48.9	39.3	-10.8			Axis	49.1	39.8	-10.8

Back																							
Band		Ant0			Ant2			Ant1			Ant4			Ant6			Ant7			Ant10		
GSM1900	SAR (W/kg)		2.323																				
	Axis	34.8	208.6	-10.8																			
WCDMA II	SAR		3.188						1.907														

	(W/kg)																						
	Axis	35.1	209.3	-10.8				30.6	20.9	-10.8													
WCDMA IV	SAR (W/kg)		3.158						0.999														
	Axis	34.6	206.4	-10.8				29.3	20.6	-10.8													
WCDMA V	SAR (W/kg)		1.549																				
	Axis	34.2	207.3	-10.8																			
LTE Band 25	SAR (W/kg)		2.77						2.103														
	Axis	33.4	208	-10.8				42.9	20.4	-10.8													
LTE Band 66	SAR (W/kg)		2.92						1.492														
	Axis	33.5	206.3	-10.8				28.7	20.9	-10.8													
LTE Band 41	SAR (W/kg)		1.44			2.202			1.412												1.364		
	Axis	32.2	205.8	-10.8	83.6	195.5	-10.8	28.6	24.9	-10.8										63.3	43.9	-10.8	
FR1 n25	SAR (W/kg)		3.183						1.433														
	Axis	33.6	207.2	-10.8				27.9	20.6	-10.8													
FR1 n66	SAR (W/kg)		2.42						0.852														
	Axis	34.1	208.3	-10.8				31.4	21.7	-10.8													
FR1 n70	SAR (W/kg)		2.894						0.526														
	Axis	35	207.2	-10.8				32.1	22.5	-10.8													
FR1 n41 HPUE	SAR (W/kg)		2.288			2.414			0.958												2.013		
	Axis	34.5	206.8	-10.8	85.6	196.6	-10.8	35.1	23.6	-10.8										63.3	43.9	-10.8	
LTE Band 7	SAR (W/kg)					2.339																	
	Axis				84.7	197.8	-10.8																
LTE Band 30	SAR (W/kg)					2.811			2.256														
	Axis				84.5	197	-10.8	33.3	21.8	-10.8													
FR1 n7	SAR (W/kg)					2.243																	
	Axis				84.6	196.7	-10.8																
FR1 n30	SAR (W/kg)					2.257			0.818														
	Axis				84.3	196.8	-10.8	34	20.9	-10.8													
LTE Band 42 Part 27Q	SAR (W/kg)					1.236						0.633			0.649								
	Axis				90.8	196.6	-10.8				26.2	38.2	-10.8	77.6	44.1	-10.8							
LTE Band 48	SAR (W/kg)					2.021						2.057			0.612			0.855					
	Axis				90.1	197.3	-10.8				25.3	37.2	-10.8	78.5	43.2	-10.8	74.2	41.2	-10.8				
FR1 n48	SAR (W/kg)					1.287						0.802			0.605			0.639					
	Axis				90.2	197.7	-10.8				24.3	37.3	-10.8	77.9	42.1	-10.8	75.6	40.5	-10.8				
FR1 n77 Part 27O HPUE	SAR (W/kg)					1.167						0.54			0.526			0.455					
	Axis				89.6	197.6	-10.8				24.8	37.7	-10.8	78.2	43.6	-10.8	77.5	40.3	-10.8				
FR1 n77 Part 27Q HPUE	SAR (W/kg)					0.821						0.766			0.875			0.543					
	Axis				91.3	198.8	-10.8				25.6	37.1	-10.8	78.9	41.8	-10.8	77.2	39.6	-10.8				

WLAN2.4GHz Ant3+5	SAR (W/kg)	0.264				WLAN5GHz Ant6+7	SAR (W/kg)	0.716				WLAN6GHz Ant6+7	SAR (W/kg)	0.059		
	Axis	74.8	36.2	-10.8			Axis	77.6	34.4	-10.8			Axis	77.6	44.4	-10.8
NFC	SAR (W/kg)	0.02														
	Axis	22.4	20.5	-10.8												

Left Side										
Band		Ant0			Ant4			Ant1		
GSM1900	SAR (W/kg)	1.844								
	Axis	55	23.5	-10.8						
WCDMA II	SAR (W/kg)	2.732								
	Axis	54.6	22.1	-10.8						
WCDMA IV	SAR (W/kg)	3.084								
	Axis	55.2	23.4	-10.8						
LTE Band 25	SAR (W/kg)	1.8								
	Axis	53.7	25.3	-10.8						
LTE Band 66	SAR (W/kg)	3.11								
	Axis	54.2	21.4	-10.8						
LTE Band 41	SAR (W/kg)							1.169		
	Axis							58.5	185.6	-10.8
FR1 n25	SAR (W/kg)	2.043								
	Axis	55.3	21.6	-10.8						
FR1 n66	SAR (W/kg)	3.196								
	Axis	55.1	21.7	-10.8						
FR1 n70	SAR (W/kg)	3.08								
	Axis	54.8	22.6	-10.8						
FR1 n41 HPUE	SAR (W/kg)							1.765		
	Axis							58.6	188.6	-10.8
LTE Band 7	SAR (W/kg)									
	Axis									
LTE Band 30	SAR (W/kg)							1.124		
	Axis							58.4	187.2	-10.8
LTE Band 42 Part 27Q	SAR (W/kg)				2.397					
	Axis				71.7	180.2	-10.8			
LTE Band 48	SAR (W/kg)				2.474					
	Axis				71.2	183.5	-10.8			
FR1 n48	SAR (W/kg)				2.418					
	Axis				70.9	184.6	-10.8			
FR1 n77 Part 27O HPUE	SAR (W/kg)				1.606					
	Axis				71.6	183.7	-10.8			
FR1 n77 Part 27Q HPUE	SAR (W/kg)				2.472					
	Axis				71	184.5	-10.8			

NFC	SAR (W/kg)	0.001				WLAN5GHz Ant6+7	SAR (W/kg)	0.079		
	Axis	68.1	173.4	-10.8			Axis	48.9	171	-10.8

Right Side										
Band		Ant2			Ant6			Ant7		
LTE Band 41	SAR (W/kg)		1.296							
	Axis	71.7	166.2	-10.8						
FR1 n41 HPUE	SAR (W/kg)		1.719							
	Axis	64.7	203.7	-10.8						
LTE Band 7	SAR (W/kg)		1.279							
	Axis	66.1	205.7	-10.8						
LTE Band 30	SAR (W/kg)		1.233							
	Axis	65.8	203.8	-10.8						
FR1 n7	SAR (W/kg)		1.532							
	Axis	67.9	204.2	-10.8						
FR1 n30	SAR (W/kg)		1.132							
	Axis	64.8	205.1	-10.8						
LTE Band 42 Part 27Q	SAR (W/kg)		2.952			2.073				
	Axis	65.7	204.1	-10.8	70.5	20.9	-10.8			
LTE Band 48	SAR (W/kg)		0.857			1.805				
	Axis	64.1	202.8	-10.8	71.2	19.1	-10.8			
FR1 n48	SAR (W/kg)		1.04			1.842				
	Axis	63.5	204.7	-10.8	71.5	18.2	-10.8			
FR1 n77 Part 27O HPUE	SAR (W/kg)					1.352			0.258	
	Axis				70.8	20.7	-10.8	68.7	26.3	-10.8
FR1 n77 Part 27Q HPUE	SAR (W/kg)		1.027			2.635			0.319	
	Axis	63.2	203.5	-10.8	71.1	20.6	-10.8	68.1	25.3	-10.8

WLAN2.4GHz Ant3+5	SAR (W/kg)	0.448				WLAN5GHz Ant6+7	SAR (W/kg)	0.8				WLAN6GHz Ant6+7	SAR (W/kg)	0.158		
	Axis	69.3	20.6	-10.8			Axis	68.8	26.2	-10.8			Axis	68.8	26.2	-10.8
NFC	SAR (W/kg)	0.001														
	Axis	66.1	20.2	-10.8												

<Sensor off>

Front										
Band		Ant0			Ant1			Ant4		
GSM850	SAR (W/kg)									
	Axis									
GSM1900	SAR (W/kg)									
	Axis									
WCDMA II	SAR (W/kg)		2.058			0.497				
	Axis	82.6	212.2	-10.8	73.1	24.1	-10.8			
WCDMA IV	SAR (W/kg)		1.971			0.435				
	Axis	82.7	211.5	-10.8	73.5	23.8	-10.8			
WCDMA V	SAR (W/kg)									
	Axis									
LTE Band 71	SAR (W/kg)									
	Axis									
LTE Band 12	SAR (W/kg)									
	Axis									
LTE Band 13	SAR (W/kg)									
	Axis									
LTE Band 14	SAR (W/kg)									
	Axis									
LTE Band 25	SAR (W/kg)		1.692			0.183				
	Axis	82.4	205.7	-10.8	74	26.5	-10.8			

LTE Band 26	SAR (W/kg)									
	Axis									
LTE Band 66	SAR (W/kg)		1.886			0.903				
	Axis	82.5	210.4	-10.8	73	25.4	-10.8			
LTE Band 41	SAR (W/kg)									
	Axis									
FR1 n71	SAR (W/kg)									
	Axis									
FR1 n12	SAR (W/kg)									
	Axis									
FR1 n14	SAR (W/kg)									
	Axis									
FR1 n25	SAR (W/kg)		1.14			1.087				
	Axis	83.1	208.7	-10.8	89.1	30.2	-10.8			
FR1 n26	SAR (W/kg)									
	Axis									
FR1 n66	SAR (W/kg)		1.135			0.766				
	Axis	83.2	209.6	-10.8	88.7	30	-10.8			
FR1 n70	SAR (W/kg)		1.233			0.738				
	Axis	82.6	210.5	-10.8	89.6	30.8	-10.8			
FR1 n41 HPUE	SAR (W/kg)					1.254				
	Axis				90.8	31	-10.8			
LTE Band 7	SAR (W/kg)									
	Axis									
LTE Band 30	SAR (W/kg)					0.338				
	Axis				87.5	30.5	-10.8			
FR1 n7	SAR (W/kg)									
	Axis									
FR1 n30	SAR (W/kg)									
	Axis									
LTE Band 42 Part 27Q	SAR (W/kg)								2.013	
	Axis							100.4	43.2	-10.8
LTE Band 48	SAR (W/kg)								1.126	
	Axis							98.6	41.2	-10.8
FR1 n48	SAR (W/kg)								1.892	
	Axis							99.7	40.1	-10.8
FR1 n77 Part 27O HPUE	SAR (W/kg)								1.101	
	Axis							100.1	41.9	-10.8
FR1 n77 Part 27Q HPUE	SAR (W/kg)								1.673	
	Axis							100.3	42.1	-10.8

WLAN5GHz Ant6+7	SAR (W/kg)	0.788		
	Axis	48.9	39.3	-10.8

18. Supplemental Tuner Tests Results

General Note:

1. This device implements impedance tuner antenna tuning techniques, and the number of supported tune codes is different for each frequency band as shown in the following table.

Antenna	Band	Number of tune states
Ant 0 (LB)	LTE Band 5/12/13/14/17/26/71 n5/12/14/26/71	465
Ant 0 (MB)	LTE Band 2/4/25/66 n2/25/66/70	459

2. LTE B17 / B5 / B4 / B2 SAR test was covered by LTE B12 / B26 / B66 / B25; according to April 2015 TCB workshop, SAR test for overlapping LTE bands can be reduced.
3. 5GNR n2/ n5 SAR test was covered by 5GNR n25 / n26; according to April 2015 TCB workshop, SAR test for overlapping NR bands can be reduced.
4. SAR is measured according to required procedures for each mode of operation with the dynamic tuner active, allowing the DUT to automatically tune and find the best impedance match. The auto-tune state determined by device during normal SAR measurement shall be verified and listed in the reported SAR results. This process is based on single point SAR evaluations to verify that the conditions leading to the largest SAR have been captured. The SAR probe shall remain stationary for the entire series of measurements. The functionality of the tuner configurations is checked to ensure that the tuned state corresponds to the maximum SAR for that particular transmission configuration.
5. The following test procedure was followed to demonstrate that the SAR results in this report represent the appropriate SAR test conditions. For bands with dynamic tuning implemented, SAR will be measured according to the required FCC SAR test procedures with the dynamic tuner active to allow the device to automatically tune to the antenna state for the respective RF exposure test configurations. Additional single point SAR time-sweep measurements will be evaluated for other tuner states to determine that the other tuner configurations would result in equivalent or lower SAR values.
6. The tuner state was established remotely through Wi-Fi so that the device is not moved for the entire series of single point SAR for the tuner states in each combination (band, mode, exposure conditions).
7. Per 2024, October TCBC Workshop titled “RF Exposure Updates”, the following test procedure was followed to demonstrate that the SAR results in this report represent the appropriate SAR test conditions.
   1) The auto-tune is turned off, a different tune state (randomly, at least one) is selected, and the single SAR variation is recorded.
   2) The new value is expected to be less or equal to previously recorded max. SAR, within applicable tolerance margin)
   3) If the new value is larger than the previously recorded max. SAR (beyond the documented tolerance), then the auto-tune feature is deemed not suitable for compliance. The procedure and/or system may need to be rechecked to yield consistent results.
   4) The auto-tune is turned back on, and the previous maximum SAR value shall be recovered (documented tolerance is acceptable)
8. The operational decryption contains more information about the design and implementation of the dynamic antenna tuning.

18.1 Supplemental Tuner Head & Body SAR Results

Please refer to Appendix G.

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19. Uncertainty Assessment

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

20. References

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

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

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

[4] SPEAG DASY System Handbook

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

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

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

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

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

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

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

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

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

[14] FCC KDB 447498 D01 v06, “Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies”, Oct 2015

Appendixes

Please refer to separated files for the following appendixes

Appendix A. Plots of System Performance Check

Appendix B. Plots of High SAR Measurement

Appendix C. DASY Calibration Certificate

Appendix D. Test Setup Photos

Appendix E. Conducted RF Output Power Table

Appendix F. Power measurement connection diagram and CA Conducted RF Output Power Table

Appendix G. Supplemental Tuner SAR Results

Appendix H. Power reduction mechanism verification

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