



FCC SAR Test Report

Report No. : FA320205

	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Right Cheek	0mm	Ant 0	DSI 2	661	1880	25.62	26.50	1.225	-	-	-0.03	0.109	0.133
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Right Tilted	0mm	Ant 0	DSI 2	661	1880	25.62	26.50	1.225	-	-	0.05	0.106	0.130
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Cheek	0mm	Ant 0	DSI 2	661	1880	25.62	26.50	1.225	-	-	-0.03	0.055	0.067
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Tilted	0mm	Ant 0	DSI 2	661	1880	25.62	26.50	1.225	-	-	-0.11	0.103	0.126
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Right Cheek	0mm	Ant 1	DSI 2	661	1880	18.87	19.50	1.156	-	-	0.12	0.970	1.121
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Right Cheek	0mm	Ant 1	DSI 2	512	1850.2	18.76	19.50	1.186	-	-	0.05	0.959	1.137
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Right Cheek	0mm	Ant 1	DSI 2	810	1909.8	18.74	19.50	1.191	-	-	-0.13	0.824	0.982
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Right Tilted	0mm	Ant 1	DSI 2	661	1880	18.87	19.50	1.156	-	-	-0.12	0.947	1.095
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Right Tilted	0mm	Ant 1	DSI 2	512	1850.2	18.76	19.50	1.186	-	-	0.01	0.833	0.988
10	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Right Tilted	0mm	Ant 1	DSI 2	810	1909.8	18.74	19.50	1.191	-	-	0.01	1.000	1.191
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Cheek	0mm	Ant 1	DSI 2	661	1880	18.87	19.50	1.156	-	-	-0.17	0.635	0.734
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Tilted	0mm	Ant 1	DSI 2	661	1880	18.87	19.50	1.156	-	-	0.07	0.587	0.679
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant 0	DSI 2	9400	1880	23.35	25.00	1.462	-	-	-0.03	0.097	0.142
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Tilted	0mm	Ant 0	DSI 2	9400	1880	23.35	25.00	1.462	-	-	-0.12	0.063	0.092
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Cheek	0mm	Ant 0	DSI 2	9400	1880	23.35	25.00	1.462	-	-	0.03	0.127	0.186
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Tilted	0mm	Ant 0	DSI 2	9400	1880	23.35	25.00	1.462	-	-	-0.04	0.051	0.075
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant 1	DSI 2	9400	1880	18.26	19.00	1.186	-	-	-0.16	0.824	0.977
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant 1	DSI 2	9262	1852.4	18.16	19.00	1.213	-	-	0.09	0.916	1.111
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Cheek	0mm	Ant 1	DSI 2	9538	1907.6	18.22	19.00	1.197	-	-	-0.16	0.821	0.983
11	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Tilted	0mm	Ant 1	DSI 2	9400	1880	18.26	19.00	1.186	-	-	0.01	0.997	1.182
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Tilted	0mm	Ant 1	DSI 2	9262	1852.4	18.16	19.00	1.213	-	-	-0.18	0.949	1.152
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Tilted	0mm	Ant 1	DSI 2	9538	1907.6	18.22	19.00	1.197	-	-	0.14	0.961	1.150
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Cheek	0mm	Ant 1	DSI 2	9400	1880	18.26	19.00	1.186	-	-	-0.15	0.505	0.599
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Tilted	0mm	Ant 1	DSI 2	9400	1880	18.26	19.00	1.186	-	-	0.11	0.629	0.746
	LTE Band 2	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	18900	1880	22.58	24.00	1.387	-	-	-0.03	0.085	0.118
	LTE Band 2	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 0	DSI 2	18900	1880	21.74	23.00	1.337	-	-	-0.1	0.070	0.094
	LTE Band 2	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 0	DSI 2	18900	1880	22.58	24.00	1.387	-	-	0.06	0.060	0.083
	LTE Band 2	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 0	DSI 2	18900	1880	21.74	23.00	1.337	-	-	-0.15	0.050	0.067
	LTE Band 2	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 0	DSI 2	18900	1880	22.58	24.00	1.387	-	-	0.09	0.120	0.166
	LTE Band 2	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 0	DSI 2	18900	1880	21.74	23.00	1.337	-	-	0.05	0.096	0.128
	LTE Band 2	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 0	DSI 2	18900	1880	22.58	24.00	1.387	-	-	-0.14	0.050	0.069
	LTE Band 2	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 0	DSI 2	18900	1880	21.74	23.00	1.337	-	-	0.04	0.045	0.060
	LTE Band 2	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	18900	1880	17.05	18.00	1.245	-	-	0.02	0.901	1.121
	LTE Band 2 ENDC	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	18900	1880	15.08	16.00	1.236	-	-	0.02	0.552	0.682
	LTE Band 2	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	18700	1860	16.97	18.00	1.268	-	-	-0.19	0.862	1.093
	LTE Band 2	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	19100	1900	16.95	18.00	1.274	-	-	0.01	0.802	1.021
	LTE Band 2	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 1	DSI 2	18900	1880	17.02	18.00	1.253	-	-	0.03	0.714	0.895
	LTE Band 2	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 1	DSI 2	18700	1860	16.93	18.00	1.279	-	-	0.08	0.719	0.920
	LTE Band 2	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 1	DSI 2	19100	1900	16.89	18.00	1.291	-	-	0.03	0.665	0.859
	LTE Band 2	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 1	DSI 2	18900	1880	16.94	18.00	1.276	-	-	-0.08	0.691	0.882
12	LTE Band 2	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	18900	1880	17.05	18.00	1.245	-	-	-0.01	0.964	1.200
	LTE Band 2 ENDC	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	18900	1880	15.08	16.00	1.236	-	-	0.04	0.651	0.805
	LTE Band 2 Other PA ENDC	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	18900	1880	16.09	17.00	1.233	-	-	0.01	0.645	0.795
	LTE Band 2	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	18700	1860	16.97	18.00	1.268	-	-	0.11	0.905	1.147
	LTE Band 2	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	19100	1900	16.95	18.00	1.274	-	-	0.04	0.910	1.159
	LTE Band 2	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 1	DSI 2	18900	1880	17.02	18.00	1.253	-	-	0.01	0.805	1.009
	LTE Band 2	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 1	DSI 2	18700	1860	16.93	18.00	1.279	-	-	-0.05	0.771	0.986
	LTE Band 2	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 1	DSI 2	19100	1900	16.89	18.00	1.291	-	-	0.09	0.762	0.984
	LTE Band 2	20M	QPSK	100	0	-	Right Tilted	0mm	Ant 1	DSI 2	18900	1880	16.94	18.00	1.276	-	-	0.19	0.788	1.006
	LTE Band 2	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	18900	1880	17.05	18.00	1.245	-	-	-0.07	0.506	0.630
	LTE Band 2	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 1	DSI 2	18900	1880	17.02	18.00	1.253	-	-	-0.1	0.421	0.528
	LTE Band 2	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 1	DSI 2	18900	1880	17.05	18.00	1.245	-	-	-0.07	0.594	0.739
	LTE Band 2	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 1	DSI 2	18900	1880	17.02	18.00	1.253	-	-	0.07	0.498	0.624
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	376000	1880	22.77	24.00	1.327	-	-	0.04	0.061	0.081
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	376000	1880	22.73	24.00	1.340	-	-	0.02	0.067	0.090



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	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	376000	1880	22.77	24.00	1.327	-	-	0.05	0.050	0.066
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	376000	1880	22.73	24.00	1.340	-	-	-0.12	0.052	0.070
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	376000	1880	22.77	24.00	1.327	-	-	0.03	0.098	0.130
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	376000	1880	22.73	24.00	1.340	-	-	0.06	0.101	0.135
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	376000	1880	22.77	24.00	1.327	-	-	-0.09	0.042	0.056
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	376000	1880	22.73	24.00	1.340	-	-	-0.02	0.044	0.059
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	376000	1880	19.35	20.00	1.161	-	-	0.16	0.840	0.976
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	372000	1860	19.27	20.00	1.183	-	-	0.01	0.748	0.885
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	380000	1900	19.23	20.00	1.194	-	-	0.06	0.711	0.849
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	376000	1880	19.31	20.00	1.172	-	-	-0.07	0.808	0.947
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	372000	1860	19.20	20.00	1.202	-	-	-0.07	0.726	0.873
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	380000	1900	19.26	20.00	1.186	-	-	-0.07	0.695	0.824
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	376000	1880	19.26	20.00	1.186	-	-	0.06	0.648	0.768
13	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	376000	1880	19.35	20.00	1.161	-	-	-0.01	0.946	1.099
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	372000	1860	19.27	20.00	1.183	-	-	-0.01	0.804	0.951
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	380000	1900	19.23	20.00	1.194	-	-	-0.01	0.812	0.970
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	376000	1880	19.31	20.00	1.172	-	-	0.01	0.909	1.066
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	372000	1860	19.20	20.00	1.202	-	-	0.01	0.765	0.920
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	380000	1900	19.26	20.00	1.186	-	-	0.01	0.771	0.914
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	376000	1880	19.26	20.00	1.186	-	-	0.09	0.730	0.866
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	376000	1880	19.35	20.00	1.161	-	-	0.02	0.487	0.566
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	376000	1880	19.31	20.00	1.172	-	-	0.03	0.519	0.608
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	376000	1880	19.35	20.00	1.161	-	-	0.01	0.588	0.683
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	376000	1880	19.31	20.00	1.172	-	-	0.04	0.597	0.700
2600MHz																				
	LTE Band 7	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	21100	2535	23.09	24.00	1.233	-	-	-0.11	0.080	0.099
	LTE Band 7	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 0	DSI 2	21100	2535	22.09	23.00	1.233	-	-	0.07	0.061	0.075
	LTE Band 7	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 0	DSI 2	21100	2535	23.09	24.00	1.233	-	-	0.05	0.053	0.065
	LTE Band 7	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 0	DSI 2	21100	2535	22.09	23.00	1.233	-	-	-0.05	0.040	0.049
	LTE Band 7	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 0	DSI 2	21100	2535	23.09	24.00	1.233	-	-	0.09	0.088	0.109
	LTE Band 7C	20M	QPSK	1	99	-	Left Cheek	0mm	Ant 0	DSI 2	21100+ 21298	2535+ 2554.8	22.55	24.00	1.396	-	-	0.08	0.077	0.108
	LTE Band 7	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 0	DSI 2	21100	2535	22.09	23.00	1.233	-	-	0.02	0.066	0.081
	LTE Band 7	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 0	DSI 2	21100	2535	23.09	24.00	1.233	-	-	0.07	0.053	0.065
	LTE Band 7	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 0	DSI 2	21100	2535	22.09	23.00	1.233	-	-	0.03	0.041	0.051
	LTE Band 7	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	21100	2535	16.51	18.00	1.409	-	-	-0.17	0.684	0.964
	LTE Band 7	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	20850	2510	16.47	18.00	1.422	-	-	0.11	0.605	0.861
	LTE Band 7	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	21350	2560	16.39	18.00	1.449	-	-	-0.19	0.713	1.033
	LTE Band 7 ENDC	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	21350	2560	14.39	16.00	1.449	-	-	0.01	0.472	0.684
	LTE Band 7	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 1	DSI 2	21100	2535	16.48	18.00	1.419	-	-	0.07	0.576	0.817
	LTE Band 7	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 1	DSI 2	20850	2510	16.44	18.00	1.432	-	-	-0.05	0.479	0.686
	LTE Band 7	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 1	DSI 2	21350	2560	16.35	18.00	1.462	-	-	0.07	0.541	0.791
	LTE Band 7	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 1	DSI 2	21100	2535	16.42	18.00	1.439	-	-	0.08	0.536	0.771
	LTE Band 7	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	21100	2535	16.51	18.00	1.409	-	-	0.08	0.776	1.094
	LTE Band 7	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	20850	2510	16.47	18.00	1.422	-	-	-0.1	0.686	0.976
14	LTE Band 7	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	21350	2560	16.39	18.00	1.449	-	-	0.04	0.809	1.172
	LTE Band 7 ENDC	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	21350	2560	14.39	16.00	1.449	-	-	0.02	0.560	0.811
	LTE Band 7 Other PA_ENDC	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	21350	2560	15.18	16.00	1.208	-	-	0.01	0.527	0.637
	LTE Band 7C	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	21350+ 21152	2560+ 2540.2	16.04	18.00	1.570	-	-	0.01	0.735	1.154
	LTE Band 7	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 1	DSI 2	21100	2535	16.48	18.00	1.419	-	-	-0.18	0.624	0.885
	LTE Band 7	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 1	DSI 2	20850	2510	16.44	18.00	1.432	-	-	0.05	0.550	0.788
	LTE Band 7	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 1	DSI 2	21350	2560	16.35	18.00	1.462	-	-	0.01	0.646	0.945
	LTE Band 7	20M	QPSK	100	0	-	Right Tilted	0mm	Ant 1	DSI 2	21100	2535	16.42	18.00	1.439	-	-	-0.04	0.611	0.879
	LTE Band 7	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	21100	2535	16.51	18.00	1.409	-	-	-0.06	0.517	0.729
	LTE Band 7	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 1	DSI 2	21100	2535	16.48	18.00	1.419	-	-	0.19	0.411	0.583
	LTE Band 7	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 1	DSI 2	21100	2535	16.51	18.00	1.409	-	-	0.14	0.490	0.691



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	LTE Band 7	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 1	DSI 2	21100	2535	16.48	18.00	1.419	-	-	0.02	0.394	0.559
	LTE Band 41	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 0	DSI 2	40620	2593	22.84	24.00	1.306	62.9	1.006	0.07	0.045	0.059
	LTE Band 41	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 0	DSI 2	40620	2593	21.76	23.00	1.330	62.9	1.006	0.07	0.036	0.048
	LTE Band 41	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 0	DSI 2	40620	2593	22.84	24.00	1.306	62.9	1.006	0.06	0.000	0.000
	LTE Band 41	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 0	DSI 2	40620	2593	21.76	23.00	1.330	62.9	1.006	0.11	0.000	0.000
	LTE Band 41	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 0	DSI 2	40620	2593	22.84	24.00	1.306	62.9	1.006	0.01	0.059	0.078
	LTE Band 41C	20M	QPSK	1	99	-	Left Cheek	0mm	Ant 0	DSI 2	40620+40818	2593+2612.8	22.62	24.00	1.374	62.9	1.006	0.04	0.052	0.072
	LTE Band 41	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 0	DSI 2	40620	2593	21.76	23.00	1.330	62.9	1.006	0.06	0.047	0.063
	LTE Band 41	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 0	DSI 2	40620	2593	22.84	24.00	1.306	62.9	1.006	0.03	0.000	0.000
	LTE Band 41	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 0	DSI 2	40620	2593	21.76	23.00	1.330	62.9	1.006	0.06	0.000	0.000
	LTE Band 41	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	40620	2593	16.20	17.00	1.202	62.9	1.006	-0.09	0.421	0.509
	LTE Band 41	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 1	DSI 2	40620	2593	16.17	17.00	1.211	62.9	1.006	0.07	0.333	0.406
15	LTE Band 41	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	40620	2593	16.20	17.00	1.202	62.9	1.006	0.06	0.517	0.625
	LTE Band 41 Other PA	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	40620	2593	15.33	16.00	1.167	-	-	0.05	0.502	0.586
	LTE Band 41C	20M	QPSK	1	99	-	Right Tilted	0mm	Ant 1	DSI 2	40620+40818	2593+2612.8	15.32	17.00	1.472	62.9	1.006	0.11	0.378	0.560
	LTE Band 41	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 1	DSI 2	40620	2593	16.17	17.00	1.211	62.9	1.006	-0.09	0.365	0.445
	LTE Band 41	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	40620	2593	16.20	17.00	1.202	62.9	1.006	-0.1	0.304	0.368
	LTE Band 41	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 1	DSI 2	40620	2593	16.17	17.00	1.211	62.9	1.006	0.18	0.243	0.296
	LTE Band 41	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 1	DSI 2	40620	2593	16.20	17.00	1.202	62.9	1.006	0.14	0.304	0.368
	LTE Band 41	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 1	DSI 2	40620	2593	16.17	17.00	1.211	62.9	1.006	-0.11	0.243	0.296
	LTE Band 38	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	38000	2595	17.96	19.00	1.271	62.9	1.006	-0.09	0.763	0.975
	LTE Band 38	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	37850	2580	17.91	19.00	1.285	62.9	1.006	0.17	0.743	0.961
	LTE Band 38	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 1	DSI 2	38150	2610	17.88	19.00	1.294	62.9	1.006	0.01	0.787	1.025
	LTE Band 38	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 1	DSI 2	38000	2595	17.90	19.00	1.288	62.9	1.006	0.07	0.603	0.781
	LTE Band 38	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 1	DSI 2	37850	2580	17.86	19.00	1.300	62.9	1.006	0.02	0.583	0.763
	LTE Band 38	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 1	DSI 2	38150	2610	17.82	19.00	1.312	62.9	1.006	0.13	0.616	0.813
	LTE Band 38	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 1	DSI 2	38000	2595	17.78	19.00	1.324	62.9	1.006	0.05	0.600	0.799
16	LTE Band 38	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	38000	2595	17.96	19.00	1.271	62.9	1.006	0.01	0.889	1.136
	LTE Band 38C	20M	QPSK	1	99	-	Right Tilted	0mm	Ant 1	DSI 2	37901+38099	2585.1+2604.9	17.40	19.00	1.445	62.9	1.006	-0.01	0.780	1.134
	LTE Band 38 ENDC	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	38000	2595	16.16	17.00	1.213	62.9	1.006	0.06	0.488	0.596
	LTE Band 38 Other PA	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	38000	2595	15.12	16.00	1.225	-	-	0.05	0.472	0.578
	LTE Band 38	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	37850	2580	17.91	19.00	1.285	62.9	1.006	0.04	0.873	1.129
	LTE Band 38	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 1	DSI 2	38150	2610	17.88	19.00	1.294	62.9	1.006	0.03	0.821	1.069
	LTE Band 38	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 1	DSI 2	38000	2595	17.90	19.00	1.288	62.9	1.006	-0.09	0.661	0.857
	LTE Band 38	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 1	DSI 2	37850	2580	17.86	19.00	1.300	62.9	1.006	0.02	0.689	0.901
	LTE Band 38	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 1	DSI 2	38150	2610	17.82	19.00	1.312	62.9	1.006	0.05	0.702	0.927
	LTE Band 38	20M	QPSK	100	0	-	Right Tilted	0mm	Ant 1	DSI 2	38000	2595	17.78	19.00	1.324	62.9	1.006	0.06	0.652	0.869
	LTE Band 38	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 1	DSI 2	38000	2595	17.96	19.00	1.271	62.9	1.006	-0.1	0.551	0.704
	LTE Band 38	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 1	DSI 2	38000	2595	17.90	19.00	1.288	62.9	1.006	0.18	0.440	0.570
	LTE Band 38	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 1	DSI 2	38000	2595	17.96	19.00	1.271	62.9	1.006	0.14	0.551	0.704
	LTE Band 38	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 1	DSI 2	38000	2595	17.90	19.00	1.288	62.9	1.006	-0.11	0.440	0.570
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	507000	2535	23.17	24.00	1.211	-	-	0.19	0.041	0.050
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Cheek	0mm	Ant 0	DSI 2	507000	2535	23.12	24.00	1.225	-	-	-0.18	0.053	0.065
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	507000	2535	23.17	24.00	1.211	-	-	0.07	0.000	0.000
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Tilted	0mm	Ant 0	DSI 2	507000	2535	23.12	24.00	1.225	-	-	0.04	0.000	0.000
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	507000	2535	23.17	24.00	1.211	-	-	0.05	0.055	0.067
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Cheek	0mm	Ant 0	DSI 2	507000	2535	23.12	24.00	1.225	-	-	0.02	0.061	0.075
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	507000	2535	23.17	24.00	1.211	-	-	0.07	0.000	0.000
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Tilted	0mm	Ant 0	DSI 2	507000	2535	23.12	24.00	1.225	-	-	0.12	0.000	0.000
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	507000	2535	17.33	18.00	1.167	-	-	0.08	0.872	1.017
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	507000	2535	17.30	18.00	1.175	-	-	0.19	0.935	1.099
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Right Cheek	0mm	Ant 1	DSI 2	507000	2535	17.21	18.00	1.199	-	-	0.05	0.787	0.944
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	507000	2535	17.33	18.00	1.167	-	-	-0.03	0.997	1.163
17	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	507000	2535	17.30	18.00	1.175	-	-	-0.06	1.030	1.210



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	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Right Tilted	0mm	Ant 1	DSI 2	507000	2535	17.21	18.00	1.199	-	-	-0.08	0.899	1.078
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	507000	2535	17.33	18.00	1.167	-	-	0.04	0.652	0.761
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DSI 2	507000	2535	17.30	18.00	1.175	-	-	0.05	0.670	0.787
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	507000	2535	17.33	18.00	1.167	-	-	0.11	0.638	0.744
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	507000	2535	17.30	18.00	1.175	-	-	0.18	0.706	0.829
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Left Tilted	0mm	Ant 1	DSI 2	507000	2535	17.21	18.00	1.199	-	-	0.02	0.689	0.826
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Right Cheek	0mm	Ant 0	DSI 2	518598	2592.99	23.01	24.00	1.256	-	-	0.08	0.050	0.063
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 0	DSI 2	518598	2592.99	22.99	24.00	1.262	-	-	0.04	0.076	0.096
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Right Tilted	0mm	Ant 0	DSI 2	518598	2592.99	23.01	24.00	1.256	-	-	-0.06	0.000	0.000
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 0	DSI 2	518598	2592.99	22.99	24.00	1.262	-	-	0.06	0.042	0.053
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Left Cheek	0mm	Ant 0	DSI 2	518598	2592.99	23.01	24.00	1.256	-	-	0.08	0.054	0.068
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 0	DSI 2	518598	2592.99	22.99	24.00	1.262	-	-	0.01	0.067	0.085
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Left Tilted	0mm	Ant 0	DSI 2	518598	2592.99	23.01	24.00	1.256	-	-	0.01	0.000	0.000
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 0	DSI 2	518598	2592.99	22.99	24.00	1.262	-	-	-0.09	0.000	0.000
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1	DSI 2	518598	2592.99	16.79	17.50	1.178	-	-	-0.01	0.748	0.881
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1	DSI 2	518598	2592.99	16.68	17.50	1.208	-	-	0.16	0.860	1.039
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 1	DSI 2	518598	2592.99	16.48	17.50	1.265	-	-	-0.17	0.659	0.833
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Right Tilted	0mm	Ant 1	DSI 2	518598	2592.99	16.79	17.50	1.178	-	-	-0.06	0.852	1.003
18	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 1	DSI 2	518598	2592.99	16.68	17.50	1.208	-	-	-0.13	0.957	1.156
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Right Tilted	0mm	Ant 1	DSI 2	518598	2592.99	16.48	17.50	1.265	-	-	0.02	0.716	0.906
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI 2	518598	2592.99	16.79	17.50	1.178	-	-	0.06	0.551	0.649
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 1	DSI 2	518598	2592.99	16.68	17.50	1.208	-	-	0.16	0.647	0.781
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1	DSI 2	518598	2592.99	16.79	17.50	1.178	-	-	0.06	0.567	0.668
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 1	DSI 2	518598	2592.99	16.68	17.50	1.208	-	-	0.15	0.607	0.733
3500MHz																				
	LTE Band 42	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	42590	3500	17.16	18.00	1.213	62.9	1.006	-0.07	0.513	0.626
	LTE Band 42	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	42190	3460	17.11	18.00	1.227	62.9	1.006	0.08	0.502	0.620
19	LTE Band 42	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	42990	3540	17.12	18.00	1.225	62.9	1.006	0.03	0.530	0.653
	LTE Band 42C	20M	QPSK	1	0	-	Right Cheek	0mm	Ant 2	DSI 2	42990+42792	3540+3520.2	16.83	18.00	1.309	62.9	1.006	0.16	0.477	0.628
	LTE Band 42	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 2	DSI 2	42590	3500	17.12	18.00	1.225	62.9	1.006	0.01	0.411	0.506
	LTE Band 42	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 2	DSI 2	42190	3460	17.04	18.00	1.247	62.9	1.006	-0.14	0.398	0.499
	LTE Band 42	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 2	DSI 2	42990	3540	17.07	18.00	1.239	62.9	1.006	0.03	0.411	0.512
	LTE Band 42	20M	QPSK	100	0	-	Right Cheek	0mm	Ant 2	DSI 2	42590	3500	16.87	18.00	1.297	62.9	1.006	0.11	0.188	0.245
	LTE Band 42	20M	QPSK	1	0	-	Right Tilted	0mm	Ant 2	DSI 2	42590	3500	17.16	18.00	1.213	62.9	1.006	-0.03	0.181	0.221
	LTE Band 42	20M	QPSK	50	0	-	Right Tilted	0mm	Ant 2	DSI 2	42590	3500	17.12	18.00	1.225	62.9	1.006	0.16	0.143	0.176
	LTE Band 42	20M	QPSK	1	0	-	Left Cheek	0mm	Ant 2	DSI 2	42590	3500	17.16	18.00	1.213	62.9	1.006	0.15	0.124	0.151
	LTE Band 42	20M	QPSK	50	0	-	Left Cheek	0mm	Ant 2	DSI 2	42590	3500	17.12	18.00	1.225	62.9	1.006	0.16	0.098	0.121
	LTE Band 42	20M	QPSK	1	0	-	Left Tilted	0mm	Ant 2	DSI 2	42590	3500	17.16	18.00	1.213	62.9	1.006	0.02	0.072	0.088
	LTE Band 42	20M	QPSK	50	0	-	Left Tilted	0mm	Ant 2	DSI 2	42590	3500	17.12	18.00	1.225	62.9	1.006	-0.04	0.057	0.070
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Right Cheek	0mm	Ant 2	DSI 2	656000	3840	17.58	18.50	1.236	-	-	-0.04	0.732	0.905
20	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 2	DSI 2	656000	3840	17.54	18.50	1.247	-	-	0.09	0.952	1.188
	FR1 n77 ENDC	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 2	DSI 2	656000	3840	14.56	15.50	1.242	-	-	0.01	0.477	0.592
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Right Cheek	0mm	Ant 2	DSI 2	656000	3840	17.36	18.50	1.300	-	-	-0.09	0.788	1.025
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Right Tilted	0mm	Ant 2	DSI 2	656000	3840	17.58	18.50	1.236	-	-	0.08	0.343	0.424
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 2	DSI 2	656000	3840	17.54	18.50	1.247	-	-	0.03	0.464	0.579
	FR1 n77 ENDC	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 2	DSI 2	656000	3840	14.56	15.50	1.242	-	-	0.01	0.257	0.319
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Left Cheek	0mm	Ant 2	DSI 2	656000	3840	17.58	18.50	1.236	-	-	0.08	0.203	0.251
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 2	DSI 2	656000	3840	17.54	18.50	1.247	-	-	0.09	0.275	0.343
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Left Tilted	0mm	Ant 2	DSI 2	656000	3840	17.58	18.50	1.236	-	-	0.05	0.131	0.162
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 2	DSI 2	656000	3840	17.54	18.50	1.247	-	-	0.05	0.181	0.226
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4	DSI 2	656000	3840	16.44	17.00	1.138	-	-	0.12	0.302	0.344
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4	DSI 2	656000	3840	16.29	17.00	1.178	-	-	0.04	0.389	0.458
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4	DSI 2	656000	3840	16.44	17.00	1.138	-	-	0.06	0.375	0.427
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4	DSI 2	656000	3840	16.29	17.00	1.178	-	-	0.01	0.402	0.473
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4	DSI 2	656000	3840	16.44	17.00	1.138	-	-	0.07	0.633	0.720



FCC SAR Test Report

Report No. : FA320205

	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4	DSI 2	656000	3840	16.29	17.00	1.178	-	-	0.01	0.798	0.940
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4	DSI 2	656000	3840	15.98	17.00	1.265	-	-	0.06	0.762	0.964
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4	DSI 2	656000	3840	16.44	17.00	1.138	-	-	0.08	0.574	0.653
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4	DSI 2	656000	3840	16.29	17.00	1.178	-	-	0.03	0.627	0.738
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Right Cheek	0mm	Ant 5	DSI 2	656000	3840	16.53	17.50	1.250	-	-	0.06	0.277	0.346
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 5	DSI 2	656000	3840	16.48	17.50	1.265	-	-	0.11	0.395	0.500
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Right Tilted	0mm	Ant 5	DSI 2	656000	3840	16.53	17.50	1.250	-	-	0.06	0.295	0.369
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 5	DSI 2	656000	3840	16.48	17.50	1.265	-	-	-0.07	0.427	0.540
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	656000	3840	16.53	17.50	1.250	-	-	0.04	0.856	1.070
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	656000	3840	16.48	17.50	1.265	-	-	-0.03	0.920	1.164
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	656000	3840	16.16	17.50	1.361	-	-	0.03	0.722	0.983
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	656000	3840	16.53	17.50	1.250	-	-	0.08	0.805	1.006
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	656000	3840	16.48	17.50	1.265	-	-	-0.13	0.909	1.150
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	656000	3840	16.16	17.50	1.361	-	-	0.07	0.716	0.975
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7	DSI 2	656000	3840	25.57	26.50	1.239	-	-	0.08	0.392	0.486
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 7	DSI 2	656000	3840	25.50	26.50	1.259	-	-	0.07	0.541	0.681
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Right Tilted	0mm	Ant 7	DSI 2	656000	3840	25.57	26.50	1.239	-	-	-0.16	0.420	0.520
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 7	DSI 2	656000	3840	25.50	26.50	1.259	-	-	0.04	0.559	0.704
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DSI 2	656000	3840	25.57	26.50	1.239	-	-	0.17	0.530	0.657
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DSI 2	656000	3840	25.50	26.50	1.259	-	-	-0.08	0.690	0.869
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 7	DSI 2	656000	3840	24.43	25.50	1.279	-	-	-0.12	0.547	0.700
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Left Tilted	0mm	Ant 7	DSI 2	656000	3840	25.57	26.50	1.239	-	-	0.13	0.281	0.348
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 7	DSI 2	656000	3840	25.50	26.50	1.259	-	-	-0.04	0.388	0.488
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4	DSI 2	650000	3750	16.23	17.00	1.194	-	-	-0.08	0.527	0.629
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 4	DSI 2	650000	3750	16.15	17.00	1.216	-	-	0.04	0.647	0.787
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4	DSI 2	650000	3750	16.23	17.00	1.194	-	-	-0.08	0.443	0.529
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 4	DSI 2	650000	3750	16.15	17.00	1.216	-	-	0.03	0.519	0.631
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4	DSI 2	650000	3750	16.23	17.00	1.194	-	-	0.02	0.787	0.940
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4	DSI 2	650000	3750	16.15	17.00	1.216	-	-	0.11	0.702	0.854
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 4	DSI 2	650000	3750	15.97	17.00	1.268	-	-	0.06	0.614	0.778
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4	DSI 2	650000	3750	16.23	17.00	1.194	-	-	0.13	0.575	0.687
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4	DSI 2	650000	3750	16.15	17.00	1.216	-	-	-0.19	0.877	1.067
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Left Tilted	0mm	Ant 4	DSI 2	650000	3750	15.97	17.00	1.268	-	-	0.02	0.660	0.837
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Right Cheek	0mm	Ant 5	DSI 2	650000	3750	16.57	17.50	1.239	-	-	-0.18	0.243	0.301
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 5	DSI 2	650000	3750	16.56	17.50	1.242	-	-	-0.13	0.344	0.427
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Right Tilted	0mm	Ant 5	DSI 2	650000	3750	16.57	17.50	1.239	-	-	0.18	0.214	0.265
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Tilted	0mm	Ant 5	DSI 2	650000	3750	16.56	17.50	1.242	-	-	0.12	0.349	0.433
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	650000	3750	16.57	17.50	1.239	-	-	0.06	0.702	0.870
21	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	650000	3750	16.56	17.50	1.242	-	-	0.02	0.932	1.157
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	650000	3750	16.50	17.50	1.259	-	-	0.06	0.912	1.148
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	650000	3750	16.57	17.50	1.239	-	-	-0.15	0.499	0.618
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	650000	3750	16.56	17.50	1.242	-	-	-0.1	0.721	0.895
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Left Tilted	0mm	Ant 5	DSI 2	650000	3750	16.50	17.50	1.259	-	-	0.08	0.696	0.876



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 1g SAR (W/kg)	Reported 1g SAR (W/kg)
2450MHz																
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 6+3 (6)	standalone	6	2437	18.42	20.00	1.439	99.47	1.005	-0.16	0.523	0.756
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 6+3 (6)	standalone	6	2437	18.42	20.00	1.439	99.47	1.005	0.06	0.736	1.064
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 6+3	standalone	1	2412	21.44	22.80	1.368	99.47	1.005	0.03	0.482	0.662
22	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 6+3 (6)	standalone	6	2437	18.42	20.00	1.439	99.47	1.005	-0.17	0.962	1.391
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 6+3	standalone	1	2412	21.44	22.80	1.368	99.47	1.005	0.16	0.819	1.126
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 6+3	standalone	11	2462	21.37	22.80	1.390	99.47	1.005	0.01	0.853	1.192
	WLAN2.4GHz	802.11ax-HE20 MCS0	Left Cheek	0mm	Ant 6+3 (6)	standalone	6	2437	18.53	20.00	1.403	96.97	1.031	0.08	0.816	1.180
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 6+3 (6)	standalone	6	2437	18.42	20.00	1.439	99.47	1.005	-0.04	0.954	1.379
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 6+3	standalone	1	2412	21.44	22.80	1.368	99.47	1.005	-0.01	0.938	1.289
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 6+3 (6)	non DBS	6	2437	12.05	13.50	1.396	99.47	1.005	0.03	0.112	0.157
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 6+3 (6)	non DBS	6	2437	12.05	13.50	1.396	99.47	1.005	0.04	0.144	0.202
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 6+3 (6)	non DBS	6	2437	12.05	13.50	1.396	99.47	1.005	0.02	0.222	0.312
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 6+3 (6)	non DBS	6	2437	12.05	13.50	1.396	99.47	1.005	0.05	0.188	0.264
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 6	standalone	1	2412	18.65	20.00	1.365	99.47	1.005	0.05	0.237	0.325
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 6	standalone	1	2412	18.65	20.00	1.365	99.47	1.005	0.02	0.080	0.110
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 6	Standalone & DBS Only	1	2412	18.65	20.00	1.365	99.47	1.005	0.11	0.581	0.797
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 6	standalone	1	2412	18.65	20.00	1.365	99.47	1.005	0.1	0.161	0.221
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 6	DBS	1	2412	11.21	12.50	1.346	99.47	1.005	-0.05	0.032	0.043
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 6	DBS	1	2412	11.21	12.50	1.346	99.47	1.005	0.01	0.001	0.001
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 6	DBS	1	2412	11.21	12.50	1.346	99.47	1.005	0.02	0.132	0.179
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 6	DBS	1	2412	11.21	12.50	1.346	99.47	1.005	0.04	0.032	0.043
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3	standalone	6	2437	18.62	20.00	1.374	99.47	1.005	-0.11	0.544	0.751
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 3	standalone	6	2437	18.62	20.00	1.374	99.47	1.005	0.12	0.637	0.880
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 3	standalone	1	2412	18.22	19.50	1.343	99.47	1.005	0.01	0.568	0.767
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 3	standalone	6	2437	18.62	20.00	1.374	99.47	1.005	0.07	0.867	1.197
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 3	standalone	1	2412	18.22	19.50	1.343	99.47	1.005	0.16	0.731	0.986
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 3	standalone	6	2437	18.62	20.00	1.374	99.47	1.005	-0.03	0.922	1.273
	WLAN2.4GHz	802.11ax-HE20 MCS0	Left Tilted	0mm	Ant 3	standalone	6	2437	18.61	20.00	1.377	99.47	1.005	-0.03	0.855	1.183
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 3	standalone	6	2437	18.14	19.50	1.368	99.47	1.005	-0.03	0.874	1.201
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 3	standalone	1	2412	18.22	19.50	1.343	99.47	1.005	0.04	0.759	1.024
	WLAN2.4GHz	802.11b 1Mbps	Right Cheek	0mm	Ant 3	non DBS	6	2437	12.21	13.50	1.346	99.47	1.005	0.05	0.107	0.145
	WLAN2.4GHz	802.11b 1Mbps	Right Tilted	0mm	Ant 3	non DBS	6	2437	12.21	13.50	1.346	99.47	1.005	0.04	0.112	0.151
	WLAN2.4GHz	802.11b 1Mbps	Left Cheek	0mm	Ant 3	non DBS	6	2437	12.21	13.50	1.346	99.47	1.005	-0.02	0.187	0.253
	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 3	non DBS	6	2437	12.21	13.50	1.346	99.47	1.005	0.02	0.242	0.327
	Bluetooth	1Mbps	Right Cheek	0mm	Ant 6	Full power	39	2441	11.15	12.00	1.215	76.86	1.084	0.03	0.029	0.038
	Bluetooth	1Mbps	Right Tilted	0mm	Ant 6	Full power	39	2441	11.15	12.00	1.215	76.86	1.084	0.01	0.000	0.000
23	Bluetooth	1Mbps	Left Cheek	0mm	Ant 6	Full power	39	2441	11.15	12.00	1.215	76.86	1.084	-0.01	0.081	0.107
	Bluetooth	1Mbps	Left Tilted	0mm	Ant 6	Full power	39	2441	11.15	12.00	1.215	76.86	1.084	-0.02	0.019	0.025
5000MHz																
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5+4 (5)	Standalone	58	5290	13.56	15.00	1.392	88.23	1.133	0.09	0.282	0.445
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5+4 (5)	Standalone	58	5290	13.56	15.00	1.392	88.23	1.133	-0.11	0.335	0.528
24	WLAN5.3GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4 (5)	Standalone	58	5290	13.56	15.00	1.392	88.23	1.133	0.01	0.643	1.014
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5+4 (5)	Standalone	58	5290	13.56	15.00	1.392	88.23	1.133	0.05	0.606	0.956
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5+4 (5)	WWAN + non DBS	58	5290	8.42	10.00	1.439	88.23	1.133	0.04	0.075	0.122
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5+4 (5)	WWAN + non DBS	58	5290	8.42	10.00	1.439	88.23	1.133	0.02	0.086	0.140
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4 (5)	WWAN + non DBS	58	5290	8.42	10.00	1.439	88.23	1.133	0.09	0.176	0.287
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5+4 (5)	WWAN + non DBS	58	5290	8.42	10.00	1.439	88.23	1.133	0.02	0.156	0.254
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5	Standalone	58	5290	13.56	15.00	1.392	88.23	1.133	-0.16	0.193	0.304
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5	Standalone	58	5290	13.56	15.00	1.392	88.23	1.133	0.11	0.266	0.419
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5	Standalone	58	5290	13.56	15.00	1.392	88.23	1.133	-0.08	0.595	0.938
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5	DBS Only	58	5290	12.41	14.00	1.442	88.23	1.133	0.03	0.488	0.797



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	WLAN5.3GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5	Standalone	58	5290	13.56	15.00	1.392	88.23	1.133	0.02	0.428	0.675
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5	WWAN + non DBS	58	5290	8.42	10.00	1.439	88.23	1.133	0.05	0.060	0.098
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5	WWAN + non DBS	58	5290	8.42	10.00	1.439	88.23	1.133	-0.01	0.079	0.129
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5	WWAN + non DBS	58	5290	8.42	10.00	1.439	88.23	1.133	-0.06	0.176	0.287
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5	WWAN + non DBS	58	5290	8.42	10.00	1.439	88.23	1.133	0.08	0.142	0.231
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5	WWAN + DBS	58	5290	7.37	9.00	1.455	88.23	1.133	0.06	0.048	0.079
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5	WWAN + DBS	58	5290	7.37	9.00	1.455	88.23	1.133	-0.01	0.065	0.107
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5	WWAN + DBS	58	5290	7.37	9.00	1.455	88.23	1.133	0.12	0.123	0.203
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5	WWAN + DBS	58	5290	7.37	9.00	1.455	88.23	1.133	0.01	0.094	0.155
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5+4 (4)	Standalone	122	5610	12.21	13.50	1.346	88.23	1.133	0.07	0.360	0.549
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5+4 (4)	Standalone	122	5610	12.21	13.50	1.346	88.23	1.133	-0.13	0.432	0.659
25	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4 (4)	Standalone	122	5610	12.21	13.50	1.346	88.23	1.133	-0.02	0.745	1.136
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4 (5)	Standalone	138	5690	12.05	13.50	1.396	88.23	1.133	-0.13	0.717	1.134
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5+4 (4)	Standalone	122	5610	12.21	13.50	1.346	88.23	1.133	0.09	0.667	1.017
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5+4 (4)	Standalone	138	5690	12.05	13.50	1.396	88.23	1.133	0.17	0.704	1.114
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4 (5)	WWAN + non DBS	122	5610	7.15	8.50	1.365	88.23	1.133	0.04	0.085	0.131
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4 (5)	WWAN + non DBS	122	5610	7.15	8.50	1.365	88.23	1.133	0.05	0.091	0.141
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4 (5)	WWAN + non DBS	122	5610	7.15	8.50	1.365	88.23	1.133	0.02	0.200	0.309
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4 (5)	WWAN + non DBS	122	5610	7.15	8.50	1.365	88.23	1.133	-0.03	0.192	0.297
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5	Standalone	122	5610	12.22	13.50	1.343	88.23	1.133	-0.03	0.233	0.354
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5	Standalone	122	5610	12.22	13.50	1.343	88.23	1.133	-0.02	0.260	0.396
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5	Standalone	122	5610	12.22	13.50	1.343	88.23	1.133	0.05	0.380	0.578
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5	DBS Only	122	5610	12.22	13.50	1.343	88.23	1.133	0.11	0.520	0.791
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5	WWAN + non DBS	122	5610	7.15	8.50	1.365	88.23	1.133	0.04	0.071	0.110
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5	WWAN + non DBS	122	5610	7.15	8.50	1.365	88.23	1.133	0.05	0.070	0.108
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5	WWAN + non DBS	122	5610	7.15	8.50	1.365	88.23	1.133	0.08	0.168	0.260
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5	WWAN + non DBS	122	5610	7.15	8.50	1.365	88.23	1.133	0.08	0.171	0.264
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5	WWAN + DBS	122	5610	6.18	7.50	1.355	88.23	1.133	0.04	0.059	0.091
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5	WWAN + DBS	122	5610	6.18	7.50	1.355	88.23	1.133	0.05	0.058	0.089
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5	WWAN + DBS	122	5610	6.18	7.50	1.355	88.23	1.133	-0.07	0.121	0.186
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5	WWAN + DBS	122	5610	6.18	7.50	1.355	88.23	1.133	0.08	0.126	0.194
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5+4 (4)	Standalone	155	5775	14.95	16.50	1.429	88.23	1.133	-0.19	0.273	0.442
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5+4 (4)	Standalone	155	5775	14.95	16.50	1.429	88.23	1.133	0.15	0.361	0.584
26	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4 (4)	Standalone	155	5775	14.95	16.50	1.429	88.23	1.133	-0.02	0.721	1.167
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5+4 (4)	Standalone	155	5775	14.95	16.50	1.429	88.23	1.133	0.07	0.690	1.117
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5+4 (4)	WWAN + non DBS	155	5775	8.37	10.00	1.455	88.23	1.133	0.05	0.083	0.137
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5+4 (4)	WWAN + non DBS	155	5775	8.37	10.00	1.455	88.23	1.133	-0.01	0.070	0.115
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5+4 (4)	WWAN + non DBS	155	5775	8.37	10.00	1.455	88.23	1.133	-0.05	0.181	0.298
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5+4 (4)	WWAN + non DBS	155	5775	8.37	10.00	1.455	88.23	1.133	0.04	0.176	0.290
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5	Standalone	155	5775	14.72	16.00	1.343	88.23	1.133	0.09	0.301	0.458
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5	Standalone	155	5775	14.72	16.00	1.343	88.23	1.133	0.14	0.334	0.508
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5	Standalone	155	5775	14.72	16.00	1.343	88.23	1.133	0.03	0.572	0.870
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5	Standalone	155	5775	14.72	16.00	1.343	88.23	1.133	-0.18	0.688	1.047
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5	DBS Only	155	5775	13.22	14.50	1.343	88.23	1.133	-0.14	0.523	0.796
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5	WWAN + non DBS	155	5775	8.11	9.50	1.377	88.23	1.133	0.04	0.051	0.080
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5	WWAN + non DBS	155	5775	8.11	9.50	1.377	88.23	1.133	-0.04	0.061	0.095
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5	WWAN + non DBS	155	5775	8.11	9.50	1.377	88.23	1.133	0.01	0.153	0.239
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5	WWAN + non DBS	155	5775	8.11	9.50	1.377	88.23	1.133	-0.06	0.175	0.273
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Cheek	0mm	Ant 5	WWAN + DBS	155	5775	7.31	8.50	1.315	88.23	1.133	0.05	0.052	0.077
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Tilted	0mm	Ant 5	WWAN + DBS	155	5775	7.31	8.50	1.315	88.23	1.133	-0.07	0.076	0.113
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Cheek	0mm	Ant 5	WWAN + DBS	155	5775	7.31	8.50	1.315	88.23	1.133	0.01	0.107	0.159
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 5	WWAN + DBS	155	5775	7.31	8.50	1.315	88.23	1.133	0.08	0.135	0.201



15.2 Hotspot 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 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																				
	LTE Band 12	10M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 7	23095	707.5	22.73	24.00	1.340	-	-	-0.13	0.545	0.730
	LTE Band 12	10M	QPSK	25	0	-	Front	5mm	Ant 0	DSI 7	23095	707.5	21.59	23.00	1.384	-	-	0.09	0.442	0.612
27	LTE Band 12	10M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	23095	707.5	22.73	24.00	1.340	-	-	-0.07	0.824	1.104
	LTE Band 12	10M	QPSK	25	0	-	Back	5mm	Ant 0	DSI 7	23095	707.5	21.59	23.00	1.384	-	-	0.07	0.649	0.898
	LTE Band 12	10M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	23095	707.5	21.53	23.00	1.403	-	-	-0.14	0.646	0.906
	LTE Band 12	10M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 7	23095	707.5	22.73	24.00	1.340	-	-	-0.03	0.081	0.109
	LTE Band 12	10M	QPSK	25	0	-	Left Side	5mm	Ant 0	DSI 7	23095	707.5	21.59	23.00	1.384	-	-	-0.14	0.062	0.086
	LTE Band 12	10M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	23095	707.5	22.73	24.00	1.340	-	-	0.17	0.254	0.340
	LTE Band 12	10M	QPSK	25	0	-	Right Side	5mm	Ant 0	DSI 7	23095	707.5	21.59	23.00	1.384	-	-	0.12	0.203	0.281
	LTE Band 12	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	23095	707.5	22.73	24.00	1.340	-	-	-0.1	0.524	0.702
	LTE Band 12	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 0	DSI 7	23095	707.5	21.59	23.00	1.384	-	-	-0.04	0.414	0.573
	LTE Band 12	10M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 7	23095	707.5	20.47	22.00	1.422	-	-	0.07	0.142	0.202
	LTE Band 12	10M	QPSK	25	0	-	Front	5mm	Ant 1	DSI 7	23095	707.5	20.45	22.00	1.429	-	-	0.07	0.113	0.161
	LTE Band 12	10M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	23095	707.5	20.47	22.00	1.422	-	-	-0.07	0.468	0.666
	LTE Band 12	10M	QPSK	25	0	-	Back	5mm	Ant 1	DSI 7	23095	707.5	20.45	22.00	1.429	-	-	0.01	0.366	0.523
	LTE Band 12	10M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	23095	707.5	20.47	22.00	1.422	-	-	-0.02	0.135	0.192
	LTE Band 12	10M	QPSK	25	0	-	Left Side	5mm	Ant 1	DSI 7	23095	707.5	20.45	22.00	1.429	-	-	0.04	0.111	0.159
	LTE Band 12	10M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI 7	23095	707.5	20.47	22.00	1.422	-	-	0.17	0.458	0.651
	LTE Band 12	10M	QPSK	25	0	-	Top Side	5mm	Ant 1	DSI 7	23095	707.5	20.45	22.00	1.429	-	-	0.06	0.352	0.503
	LTE Band 13	10M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 7	23230	782	22.60	24.00	1.380	-	-	-0.11	0.669	0.923
	LTE Band 13	10M	QPSK	25	0	-	Front	5mm	Ant 0	DSI 7	23230	782	21.65	23.00	1.365	-	-	-0.16	0.552	0.753
	LTE Band 13	10M	QPSK	50	0	-	Front	5mm	Ant 0	DSI 7	23230	782	21.64	23.00	1.368	-	-	-0.16	0.553	0.756
28	LTE Band 13	10M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	23230	782	22.60	24.00	1.380	-	-	0.01	0.885	1.222
	LTE Band 13	10M	QPSK	25	0	-	Back	5mm	Ant 0	DSI 7	23230	782	21.65	23.00	1.365	-	-	-0.16	0.723	0.987
	LTE Band 13	10M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	23230	782	21.64	23.00	1.368	-	-	-0.17	0.736	1.007
	LTE Band 13	10M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 7	23230	782	22.60	24.00	1.380	-	-	0.07	0.176	0.243
	LTE Band 13	10M	QPSK	25	0	-	Left Side	5mm	Ant 0	DSI 7	23230	782	21.65	23.00	1.365	-	-	-0.01	0.143	0.195
	LTE Band 13	10M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	23230	782	22.60	24.00	1.380	-	-	0.01	0.326	0.450
	LTE Band 13	10M	QPSK	25	0	-	Right Side	5mm	Ant 0	DSI 7	23230	782	21.65	23.00	1.365	-	-	0.13	0.268	0.366
	LTE Band 13	10M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	23230	782	22.60	24.00	1.380	-	-	0.12	0.534	0.737
	LTE Band 13	10M	QPSK	25	0	-	Bottom Side	5mm	Ant 0	DSI 7	23230	782	21.65	23.00	1.365	-	-	-0.1	0.435	0.594
	LTE Band 13	10M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 7	23230	782	22.59	23.00	1.099	-	-	0.06	0.224	0.246
	LTE Band 13	10M	QPSK	25	0	-	Front	5mm	Ant 1	DSI 7	23230	782	22.33	23.00	1.167	-	-	0.04	0.184	0.215
	LTE Band 13	10M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	23230	782	22.59	23.00	1.099	-	-	-0.01	0.461	0.507
	LTE Band 13	10M	QPSK	25	0	-	Back	5mm	Ant 1	DSI 7	23230	782	22.33	23.00	1.167	-	-	0.08	0.379	0.442
	LTE Band 13	10M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	23230	782	22.59	23.00	1.099	-	-	-0.18	0.165	0.181
	LTE Band 13	10M	QPSK	25	0	-	Left Side	5mm	Ant 1	DSI 7	23230	782	22.33	23.00	1.167	-	-	0.01	0.132	0.154
	LTE Band 13	10M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI 7	23230	782	22.59	23.00	1.099	-	-	0.17	0.572	0.629
	LTE Band 13	10M	QPSK	25	0	-	Top Side	5mm	Ant 1	DSI 7	23230	782	22.33	23.00	1.167	-	-	0.05	0.471	0.550
850MHz																				
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 0	DSI 7	189	836.4	25.55	26.50	1.245	-	-	-0.1	0.771	0.960
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 0	DSI 7	128	824.2	25.48	26.50	1.265	-	-	-0.04	0.835	1.056
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 0	DSI 7	251	848.8	25.42	26.50	1.282	-	-	-0.1	0.789	1.012
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	DSI 7	189	836.4	25.55	26.50	1.245	-	-	0.04	0.918	1.142
29	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	DSI 7	128	824.2	25.48	26.50	1.265	-	-	-0.01	0.977	1.236
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	DSI 7	251	848.8	25.42	26.50	1.282	-	-	0.15	0.866	1.110
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Left Side	5mm	Ant 0	DSI 7	189	836.4	25.55	26.50	1.245	-	-	0.02	0.130	0.162
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Right Side	5mm	Ant 0	DSI 7	189	836.4	25.55	26.50	1.245	-	-	0.01	0.287	0.357
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	5mm	Ant 0	DSI 7	189	836.4	25.55	26.50	1.245	-	-	0.14	0.565	0.703
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 1	DSI 7	189	836.4	22.28	23.00	1.180	-	-	0.09	0.257	0.303



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	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 1	DSI 7	189	836.4	22.28	23.00	1.180	-	-	-0.08	0.563	0.665
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Left Side	5mm	Ant 1	DSI 7	189	836.4	22.28	23.00	1.180	-	-	-0.03	0.168	0.198
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Top Side	5mm	Ant 1	DSI 7	189	836.4	22.28	23.00	1.180	-	-	-0.08	0.501	0.591
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	DSI 7	4182	836.4	22.68	24.00	1.355	-	-	0.12	0.793	1.075
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	DSI 7	4132	826.4	22.36	24.00	1.459	-	-	0.17	0.730	1.065
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	DSI 7	4233	846.6	22.48	24.00	1.419	-	-	-0.06	0.789	1.120
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 7	4182	836.4	22.68	24.00	1.355	-	-	-0.02	0.918	1.244
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 7	4132	826.4	22.36	24.00	1.459	-	-	0.07	0.921	1.344
30	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 7	4233	846.6	22.48	24.00	1.419	-	-	0.01	0.954	1.354
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 0	DSI 7	4182	836.4	22.68	24.00	1.355	-	-	0.05	0.115	0.156
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 0	DSI 7	4182	836.4	22.68	24.00	1.355	-	-	-0.12	0.267	0.362
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 7	4182	836.4	22.68	24.00	1.355	-	-	0.04	0.652	0.884
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 7	4132	826.4	22.36	24.00	1.459	-	-	0.01	0.601	0.877
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 7	4233	846.6	22.48	24.00	1.419	-	-	0.06	0.589	0.836
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 1	DSI 7	4182	836.4	24.39	25.00	1.151	-	-	0.11	0.291	0.335
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	DSI 7	4182	836.4	24.39	25.00	1.151	-	-	0.05	0.550	0.633
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 1	DSI 7	4182	836.4	24.39	25.00	1.151	-	-	-0.13	0.245	0.282
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Top Side	5mm	Ant 1	DSI 7	4182	836.4	24.39	25.00	1.151	-	-	0.07	0.621	0.715
	LTE Band 26	15M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 7	26865	831.5	22.75	24.00	1.334	-	-	-0.09	0.805	1.073
	LTE Band 26	15M	QPSK	36	0	-	Front	5mm	Ant 0	DSI 7	26865	831.5	21.71	23.00	1.346	-	-	0.01	0.630	0.848
	LTE Band 26	15M	QPSK	75	0	-	Front	5mm	Ant 0	DSI 7	26865	831.5	21.73	23.00	1.340	-	-	0.02	0.625	0.837
31	LTE Band 26	15M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	26865	831.5	22.75	24.00	1.334	-	-	-0.03	1.08	1.440
	LTE Band 26	15M	QPSK	36	0	-	Back	5mm	Ant 0	DSI 7	26865	831.5	21.71	23.00	1.346	-	-	0.03	0.852	1.147
	LTE Band 26	15M	QPSK	75	0	-	Back	5mm	Ant 0	DSI 7	26865	831.5	21.73	23.00	1.340	-	-	0.04	0.843	1.129
	LTE Band 26	15M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 7	26865	831.5	22.75	24.00	1.334	-	-	0.18	0.117	0.156
	LTE Band 26	15M	QPSK	36	0	-	Left Side	5mm	Ant 0	DSI 7	26865	831.5	21.71	23.00	1.346	-	-	0.09	0.092	0.124
	LTE Band 26	15M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	26865	831.5	22.75	24.00	1.334	-	-	0.02	0.278	0.371
	LTE Band 26	15M	QPSK	36	0	-	Right Side	5mm	Ant 0	DSI 7	26865	831.5	21.71	23.00	1.346	-	-	0.16	0.219	0.295
	LTE Band 26	15M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	26865	831.5	22.75	24.00	1.334	-	-	0.05	0.664	0.885
	LTE Band 26	15M	QPSK	36	0	-	Bottom Side	5mm	Ant 0	DSI 7	26865	831.5	21.71	23.00	1.346	-	-	-0.07	0.520	0.700
	LTE Band 26	15M	QPSK	75	0	-	Bottom Side	5mm	Ant 0	DSI 7	26865	831.5	21.73	23.00	1.340	-	-	0.01	0.514	0.689
	LTE Band 26	15M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 7	26865	831.5	22.02	22.50	1.117	-	-	-0.02	0.262	0.293
	LTE Band 26	15M	QPSK	36	0	-	Front	5mm	Ant 1	DSI 7	26865	831.5	21.89	22.50	1.151	-	-	0.15	0.227	0.261
	LTE Band 26	15M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	26865	831.5	22.02	22.50	1.117	-	-	-0.06	0.565	0.631
	LTE Band 26	15M	QPSK	36	0	-	Back	5mm	Ant 1	DSI 7	26865	831.5	21.89	22.50	1.151	-	-	0.08	0.432	0.497
	LTE Band 26	15M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	26865	831.5	22.02	22.50	1.117	-	-	0.04	0.154	0.172
	LTE Band 26	15M	QPSK	36	0	-	Left Side	5mm	Ant 1	DSI 7	26865	831.5	21.89	22.50	1.151	-	-	-0.15	0.157	0.181
	LTE Band 26	15M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI 7	26865	831.5	22.02	22.50	1.117	-	-	0.05	0.456	0.509
	LTE Band 26	15M	QPSK	36	0	-	Top Side	5mm	Ant 1	DSI 7	26865	831.5	21.89	22.50	1.151	-	-	-0.11	0.297	0.342
	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	167300	836.5	22.96	24.00	1.271	-	-	0.11	0.561	0.713
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	167300	836.5	22.92	24.00	1.282	-	-	0.18	0.547	0.701
32	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	167300	836.5	22.96	24.00	1.271	-	-	-0.08	0.717	0.911
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	167300	836.5	22.92	24.00	1.282	-	-	-0.08	0.654	0.839
	FR1 n5	20M	QPSK	100	0	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	167300	836.5	21.83	23.00	1.309	-	-	-0.08	0.567	0.742
	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	167300	836.5	22.96	24.00	1.271	-	-	0.03	0.085	0.108
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	167300	836.5	22.92	24.00	1.282	-	-	0.11	0.083	0.106
	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	167300	836.5	22.96	24.00	1.271	-	-	0.11	0.209	0.266
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	167300	836.5	22.92	24.00	1.282	-	-	0.16	0.197	0.253
	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	167300	836.5	22.96	24.00	1.271	-	-	0.1	0.473	0.601
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	167300	836.5	22.92	24.00	1.282	-	-	-0.15	0.481	0.617
	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	167300	836.5	23.45	24.00	1.135	-	-	-0.14	0.275	0.312
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	167300	836.5	23.41	24.00	1.146	-	-	0.06	0.245	0.281
	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	167300	836.5	23.45	24.00	1.135	-	-	-0.18	0.472	0.536
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	167300	836.5	23.41	24.00	1.146	-	-	-0.05	0.456	0.522
	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	167300	836.5	23.45	24.00	1.135	-	-	0.01	0.201	0.228
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	167300	836.5	23.41	24.00	1.146	-	-	0.05	0.151	0.173



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	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 1	DSI 7	167300	836.5	23.45	24.00	1.135	-	-	0.05	0.529	0.600
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Top Side	5mm	Ant 1	DSI 7	167300	836.5	23.41	24.00	1.146	-	-	0.19	0.425	0.487
1750MHz																				
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	DSI 7	1413	1732.6	15.42	17.00	1.439	-	-	-0.05	0.497	0.715
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 7	1413	1732.6	15.42	17.00	1.439	-	-	0.13	0.601	0.865
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 7	1312	1712.4	15.40	17.00	1.445	-	-	0.09	0.532	0.769
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 7	1513	1752.6	15.33	17.00	1.469	-	-	0.03	0.687	1.009
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 0	DSI 7	1413	1732.6	15.42	17.00	1.439	-	-	0.05	0.017	0.024
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 0	DSI 7	1413	1732.6	15.42	17.00	1.439	-	-	0.17	0.058	0.083
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 7	1413	1732.6	15.42	17.00	1.439	-	-	-0.02	0.821	1.181
33	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 7	1312	1712.4	15.40	17.00	1.445	-	-	0.06	0.877	1.268
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 7	1513	1752.6	15.33	17.00	1.469	-	-	0.08	0.769	1.130
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 1	DSI 7	1413	1732.6	15.80	17.00	1.318	-	-	0.06	0.305	0.402
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	DSI 7	1413	1732.6	15.80	17.00	1.318	-	-	0.08	0.489	0.645
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 1	DSI 7	1413	1732.6	15.80	17.00	1.318	-	-	0.01	0.118	0.156
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	5mm	Ant 1	DSI 7	1413	1732.6	15.80	17.00	1.318	-	-	-0.14	0.501	0.660
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 7	132322	1745	14.64	16.00	1.368	-	-	-0.06	0.544	0.744
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 0	DSI 7	132322	1745	14.59	16.00	1.384	-	-	-0.17	0.462	0.639
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	132322	1745	14.64	16.00	1.368	-	-	0.13	0.656	0.897
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	132072	1720	14.63	16.00	1.371	-	-	0.05	0.661	0.906
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	132572	1770	14.63	16.00	1.371	-	-	0.01	0.629	0.862
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	132322	1745	14.59	16.00	1.384	-	-	-0.16	0.655	0.906
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	132072	1720	14.55	16.00	1.396	-	-	0.13	0.671	0.937
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	132572	1770	14.52	16.00	1.406	-	-	0.04	0.606	0.852
	LTE Band 66	20M	QPSK	100	0	-	Back	5mm	Ant 0	DSI 7	132322	1745	14.54	16.00	1.400	-	-	0.05	0.556	0.778
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 7	132322	1745	14.64	16.00	1.368	-	-	0.04	0.022	0.030
	LTE Band 66	20M	QPSK	50	0	-	Left Side	5mm	Ant 0	DSI 7	132322	1745	14.59	16.00	1.384	-	-	0.03	0.017	0.024
	LTE Band 66	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	132322	1745	14.64	16.00	1.368	-	-	0.17	0.072	0.098
	LTE Band 66	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 7	132322	1745	14.59	16.00	1.384	-	-	-0.03	0.062	0.086
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	132322	1745	14.64	16.00	1.368	-	-	-0.11	0.891	1.219
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	132072	1720	14.63	16.00	1.371	-	-	-0.17	0.828	1.135
34	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	132572	1770	14.63	16.00	1.371	-	-	-0.01	1.00	1.371
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	132322	1745	14.59	16.00	1.384	-	-	-0.11	0.877	1.213
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	132072	1720	14.55	16.00	1.396	-	-	0.03	0.819	1.144
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	132572	1770	14.52	16.00	1.406	-	-	0.15	0.877	1.233
	LTE Band 66	20M	QPSK	100	0	-	Bottom Side	5mm	Ant 0	DSI 7	132322	1745	14.54	16.00	1.400	-	-	-0.12	0.875	1.225
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 7	132322	1745	15.17	16.00	1.211	-	-	0.08	0.325	0.393
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI 7	132322	1745	15.10	16.00	1.230	-	-	0.01	0.317	0.390
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	132322	1745	15.17	16.00	1.211	-	-	0.07	0.476	0.576
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI 7	132322	1745	15.10	16.00	1.230	-	-	-0.14	0.402	0.495
	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	132322	1745	15.17	16.00	1.211	-	-	0.08	0.120	0.145
	LTE Band 66	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 7	132322	1745	15.10	16.00	1.230	-	-	-0.03	0.093	0.114
	LTE Band 66	20M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI 7	132322	1745	15.17	16.00	1.211	-	-	-0.04	0.528	0.639
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI 7	132322	1745	16.10	17.00	1.230	-	-	0.09	0.511	0.629
	LTE Band 66	20M	QPSK	50	0	-	Top Side	5mm	Ant 1	DSI 7	132322	1745	15.10	16.00	1.230	-	-	-0.15	0.405	0.498
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	349000	1745	15.51	17.00	1.409	-	-	0.07	0.591	0.833
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	349000	1745	15.43	17.00	1.435	-	-	0.12	0.614	0.881
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	349000	1745	15.39	17.00	1.449	-	-	0.01	0.587	0.850
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	349000	1745	15.51	17.00	1.409	-	-	0.05	0.744	1.049
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	349000	1745	15.43	17.00	1.435	-	-	-0.01	0.760	1.091
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	349000	1745	15.39	17.00	1.449	-	-	0.02	0.742	1.075
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	349000	1745	15.51	17.00	1.409	-	-	-0.05	0.021	0.030
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	349000	1745	15.43	17.00	1.435	-	-	0.05	0.028	0.040
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	349000	1745	15.51	17.00	1.409	-	-	0.07	0.071	0.100
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	349000	1745	15.43	17.00	1.435	-	-	0.09	0.078	0.112
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	349000	1745	15.51	17.00	1.409	-	-	-0.15	0.951	1.340



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35	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	349000	1745	15.43	17.00	1.435	-	-	0.07	1.00	1.435
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	349000	1745	15.39	17.00	1.449	-	-	0.05	0.925	1.340
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	349000	1745	17.51	18.50	1.256	-	-	0.07	0.280	0.352
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	349000	1745	17.48	18.50	1.265	-	-	-0.1	0.376	0.476
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	349000	1745	17.51	18.50	1.256	-	-	0.08	0.379	0.476
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	349000	1745	17.48	18.50	1.265	-	-	-0.03	0.500	0.632
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	349000	1745	17.51	18.50	1.256	-	-	-0.11	0.112	0.141
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	349000	1745	17.48	18.50	1.265	-	-	0.05	0.125	0.158
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 1	DSI 7	349000	1745	17.51	18.50	1.256	-	-	-0.05	0.409	0.514
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	5mm	Ant 1	DSI 7	349000	1745	17.48	18.50	1.265	-	-	-0.12	0.495	0.626
1900MHz																				
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 0	DSI 7	661	1880	15.65	16.50	1.216	-	-	-0.15	0.572	0.696
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	DSI 7	661	1880	15.65	16.50	1.216	-	-	0.03	0.752	0.915
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	DSI 7	512	1850.2	15.52	16.50	1.253	-	-	-0.07	0.768	0.962
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	DSI 7	810	1909.8	15.54	16.50	1.247	-	-	-0.04	0.792	0.988
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Side	5mm	Ant 0	DSI 7	661	1880	15.65	16.50	1.216	-	-	0.06	0.021	0.026
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Right Side	5mm	Ant 0	DSI 7	661	1880	15.65	16.50	1.216	-	-	-0.09	0.058	0.071
36	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	5mm	Ant 0	DSI 7	661	1880	15.65	16.50	1.216	-	-	0.04	1.160	1.411
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	5mm	Ant 0	DSI 7	512	1850.2	15.52	16.50	1.253	-	-	0.01	1.000	1.253
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	5mm	Ant 0	DSI 7	810	1909.8	15.54	16.50	1.247	-	-	0.05	1.130	1.410
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 1	DSI 7	661	1880	16.87	17.50	1.156	-	-	0.03	0.288	0.333
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 1	DSI 7	661	1880	16.87	17.50	1.156	-	-	-0.04	0.552	0.638
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Side	5mm	Ant 1	DSI 7	661	1880	16.87	17.50	1.156	-	-	-0.18	0.084	0.097
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Top Side	5mm	Ant 1	DSI 7	661	1880	16.87	17.50	1.156	-	-	-0.11	0.532	0.615
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	DSI 7	9400	1880	14.55	16.00	1.396	-	-	0.09	0.352	0.492
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	DSI 7	9400	1880	14.55	16.00	1.396	-	-	0.07	0.571	0.797
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 0	DSI 7	9400	1880	14.55	16.00	1.396	-	-	0.07	0.018	0.025
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Side	5mm	Ant 0	DSI 7	9400	1880	14.55	16.00	1.396	-	-	0.14	0.056	0.078
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 7	9400	1880	14.55	16.00	1.396	-	-	0.16	0.940	1.313
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 7	9262	1852.4	14.32	16.00	1.472	-	-	0.14	0.917	1.350
37	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Ant 0	DSI 7	9538	1907.6	14.52	16.00	1.406	-	-	0.09	1.000	1.406
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 1	DSI 7	9400	1880	15.21	16.00	1.199	-	-	-0.18	0.245	0.294
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	DSI 7	9400	1880	15.21	16.00	1.199	-	-	-0.08	0.419	0.503
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 1	DSI 7	9400	1880	15.21	16.00	1.199	-	-	0.04	0.070	0.084
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	5mm	Ant 1	DSI 7	9400	1880	15.21	16.00	1.199	-	-	0.04	0.504	0.605
	LTE Band 2	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 7	18900	1880	13.43	15.00	1.435	-	-	0.05	0.498	0.715
	LTE Band 2	20M	QPSK	50	0	-	Front	5mm	Ant 0	DSI 7	18900	1880	13.38	15.00	1.452	-	-	0.16	0.497	0.722
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	18900	1880	13.43	15.00	1.435	-	-	-0.03	0.620	0.890
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	18700	1860	13.35	15.00	1.462	-	-	-0.06	0.625	0.914
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	19100	1900	13.26	15.00	1.493	-	-	0.11	0.612	0.914
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	18900	1880	13.38	15.00	1.452	-	-	0.08	0.602	0.874
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	18700	1860	13.17	15.00	1.524	-	-	0.06	0.598	0.911
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	19100	1900	13.25	15.00	1.496	-	-	-0.19	0.597	0.893
	LTE Band 2	20M	QPSK	100	0	-	Back	5mm	Ant 0	DSI 7	18900	1880	13.27	15.00	1.489	-	-	-0.11	0.599	0.892
	LTE Band 2	20M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 7	18900	1880	13.43	15.00	1.435	-	-	0.13	0.020	0.029
	LTE Band 2	20M	QPSK	50	0	-	Left Side	5mm	Ant 0	DSI 7	18900	1880	13.38	15.00	1.452	-	-	-0.08	0.017	0.025
	LTE Band 2	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	18900	1880	13.43	15.00	1.435	-	-	0.07	0.059	0.085
	LTE Band 2	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 7	18900	1880	13.38	15.00	1.452	-	-	0.03	0.050	0.073
	LTE Band 2	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	18900	1880	13.43	15.00	1.435	-	-	-0.18	0.898	1.289
	LTE Band 2	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	18700	1860	13.35	15.00	1.462	-	-	-0.06	0.844	1.234
38	LTE Band 2	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	19100	1900	13.26	15.00	1.493	-	-	-0.05	0.922	1.376
	LTE Band 2	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	18900	1880	13.38	15.00	1.452	-	-	0.1	0.846	1.228
	LTE Band 2	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	18700	1860	13.17	15.00	1.524	-	-	0.03	0.872	1.329
	LTE Band 2	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	19100	1900	13.25	15.00	1.496	-	-	0.03	0.855	1.279
	LTE Band 2	20M	QPSK	100	0	-	Bottom Side	5mm	Ant 0	DSI 7	18900	1880	13.27	15.00	1.489	-	-	-0.02	0.838	1.248
	LTE Band 2	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 7	18900	1880	15.05	16.00	1.245	-	-	0.07	0.287	0.357



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	LTE Band 2	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI 7	18900	1880	15.03	16.00	1.250	-	-	0.02	0.259	0.324
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	18900	1880	15.05	16.00	1.245	-	-	-0.05	0.447	0.556
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI 7	18900	1880	15.03	16.00	1.250	-	-	0.06	0.350	0.438
	LTE Band 2	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	18900	1880	15.05	16.00	1.245	-	-	0.17	0.083	0.103
	LTE Band 2	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 7	18900	1880	15.03	16.00	1.250	-	-	0.1	0.068	0.085
	LTE Band 2	20M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI 7	18900	1880	15.05	16.00	1.245	-	-	0.02	0.540	0.672
	LTE Band 2 Other PA	20M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI 7	18900	1880	16.13	17.00	1.222	-	-	0.08	0.498	0.608
	LTE Band 2	20M	QPSK	50	0	-	Top Side	5mm	Ant 1	DSI 7	18900	1880	15.03	16.00	1.250	-	-	0.03	0.425	0.531
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	376000	1880	14.69	16.00	1.352	-	-	-0.07	0.474	0.641
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	376000	1880	14.64	16.00	1.368	-	-	0.02	0.470	0.643
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	376000	1880	14.69	16.00	1.352	-	-	0.03	0.575	0.777
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	376000	1880	14.64	16.00	1.368	-	-	0.01	0.580	0.793
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	376000	1880	14.69	16.00	1.352	-	-	0.17	0.018	0.024
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	376000	1880	14.64	16.00	1.368	-	-	0.05	0.020	0.027
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	376000	1880	14.69	16.00	1.352	-	-	0.02	0.067	0.091
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	376000	1880	14.64	16.00	1.368	-	-	0.03	0.057	0.078
39	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	376000	1880	14.69	16.00	1.352	-	-	-0.05	0.972	1.314
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	372000	1860	14.56	16.00	1.393	-	-	0.01	0.912	1.271
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	380000	1900	14.51	16.00	1.409	-	-	0.06	0.904	1.274
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	376000	1880	14.64	16.00	1.368	-	-	0.04	0.938	1.283
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	372000	1860	14.52	16.00	1.406	-	-	0.01	0.897	1.261
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	380000	1900	14.52	16.00	1.406	-	-	0.09	0.857	1.205
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	376000	1880	14.60	16.00	1.380	-	-	0.11	0.878	1.212
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	376000	1880	16.83	17.50	1.167	-	-	0.17	0.289	0.337
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	376000	1880	16.81	17.50	1.172	-	-	0.01	0.294	0.345
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	376000	1880	16.83	17.50	1.167	-	-	-0.11	0.387	0.452
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	376000	1880	16.81	17.50	1.172	-	-	0.07	0.392	0.460
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	376000	1880	16.83	17.50	1.167	-	-	0.09	0.086	0.100
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	376000	1880	16.81	17.50	1.172	-	-	-0.06	0.084	0.098
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 1	DSI 7	376000	1880	16.83	17.50	1.167	-	-	0.15	0.471	0.550
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Top Side	5mm	Ant 1	DSI 7	376000	1880	16.81	17.50	1.172	-	-	0.05	0.546	0.640
2600MHz																				
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 7	21100	2535	16.91	18.00	1.285	-	-	0.04	0.448	0.576
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 0	DSI 7	21100	2535	16.80	18.00	1.318	-	-	0.05	0.358	0.472
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	21100	2535	16.91	18.00	1.285	-	-	0.01	0.820	1.054
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	20850	2510	16.73	18.00	1.340	-	-	0.19	0.653	0.875
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	21350	2560	16.61	18.00	1.377	-	-	-0.15	0.789	1.087
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	21100	2535	16.80	18.00	1.318	-	-	0.07	0.653	0.861
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	20850	2510	16.65	18.00	1.365	-	-	0.08	0.515	0.703
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	21350	2560	16.56	18.00	1.393	-	-	-0.16	0.760	1.059
	LTE Band 7	20M	QPSK	100	0	-	Back	5mm	Ant 0	DSI 7	21100	2535	16.77	18.00	1.327	-	-	0.02	0.643	0.854
	LTE Band 7	20M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 7	21100	2535	16.91	18.00	1.285	-	-	-0.06	0.039	0.050
	LTE Band 7	20M	QPSK	50	0	-	Left Side	5mm	Ant 0	DSI 7	21100	2535	16.80	18.00	1.318	-	-	-0.08	0.029	0.038
	LTE Band 7	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	21100	2535	16.91	18.00	1.285	-	-	-0.1	0.034	0.044
	LTE Band 7	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 7	21100	2535	16.80	18.00	1.318	-	-	0.1	0.030	0.040
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	21100	2535	16.91	18.00	1.285	-	-	0.02	0.953	1.225
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	20850	2510	16.73	18.00	1.340	-	-	-0.19	0.856	1.147
40	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	21350	2560	16.61	18.00	1.377	-	-	0.07	0.987	1.359
	LTE Band 7C	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	21350+ 21152	2560+ 2540.2	16.55	18.00	1.396	-	-	0.01	0.854	1.192
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	21100	2535	16.80	18.00	1.318	-	-	0.08	0.762	1.005
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	20850	2510	16.65	18.00	1.365	-	-	0.16	0.673	0.918
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	21350	2560	16.56	18.00	1.393	-	-	-0.02	0.781	1.088
	LTE Band 7	20M	QPSK	100	0	-	Bottom Side	5mm	Ant 0	DSI 7	21100	2535	16.77	18.00	1.327	-	-	0.04	0.750	0.996
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 7	21100	2535	14.52	16.00	1.406	-	-	0.02	0.232	0.326
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI 7	21100	2535	14.52	16.00	1.406	-	-	-0.04	0.185	0.260



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	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	21100	2535	14.52	16.00	1.406	-	-	0.06	0.471	0.662
	LTE Band 7 Other PA	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	21100	2535	15.31	16.00	1.172	-	-	0.01	0.465	0.545
	LTE Band 7C	20M	QPSK	1	99	-	Back	5mm	Ant 1	DSI 7	21100+ 21298	2535+ 2554.8	14.15	16.00	1.531	-	-	0.01	0.421	0.645
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI 7	21100	2535	14.52	16.00	1.406	-	-	0.09	0.378	0.531
	LTE Band 7	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	21100	2535	14.52	16.00	1.406	-	-	-0.06	0.034	0.048
	LTE Band 7	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 7	21100	2535	14.52	16.00	1.406	-	-	-0.16	0.029	0.041
	LTE Band 7	20M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI 7	21100	2535	14.52	16.00	1.406	-	-	0.13	0.468	0.658
	LTE Band 7	20M	QPSK	50	0	-	Top Side	5mm	Ant 1	DSI 7	21100	2535	14.52	16.00	1.406	-	-	0.07	0.416	0.585
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 0	DSI 7	40620	2593	17.66	19.00	1.361	62.9	1.006	0.06	0.340	0.466
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 0	DSI 7	40620	2593	17.54	19.00	1.400	62.9	1.006	0.04	0.268	0.377
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	40620	2593	17.66	19.00	1.361	62.9	1.006	0.04	0.771	1.056
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	39750	2506	17.61	19.00	1.377	62.9	1.006	0.09	0.658	0.912
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	40185	2549.5	17.47	19.00	1.422	62.9	1.006	0.17	0.642	0.919
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	41055	2636.5	17.39	19.00	1.449	62.9	1.006	0.02	0.828	1.207
41	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	41490	2680	17.51	19.00	1.409	62.9	1.006	-0.05	0.873	1.238
	LTE Band 41C	20M	QPSK	1	0	-	Back	5mm	Ant 0	DSI 7	41490+ 41292	2680+ 2660.2	17.21	19.00	1.510	62.9	1.006	0.01	0.745	1.132
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	40620	2593	17.54	19.00	1.400	62.9	1.006	-0.15	0.713	1.004
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	39750	2506	17.42	19.00	1.439	62.9	1.006	0.02	0.736	1.065
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	40185	2549.5	17.29	19.00	1.483	62.9	1.006	0.14	0.748	1.116
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	41055	2636.5	17.22	19.00	1.507	62.9	1.006	0.07	0.792	1.200
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	DSI 7	41490	2680	17.30	19.00	1.479	62.9	1.006	-0.07	0.802	1.193
	LTE Band 41	20M	QPSK	100	0	-	Back	5mm	Ant 0	DSI 7	40620	2593	17.57	19.00	1.390	62.9	1.006	-0.02	0.808	1.130
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 0	DSI 7	40620	2593	17.66	19.00	1.361	62.9	1.006	0.12	0.030	0.041
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 0	DSI 7	40620	2593	17.54	19.00	1.400	62.9	1.006	0.01	0.023	0.032
	LTE Band 41	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	40620	2593	17.66	19.00	1.361	62.9	1.006	-0.14	0.025	0.034
	LTE Band 41	20M	QPSK	50	0	-	Right Side	5mm	Ant 0	DSI 7	40620	2593	17.54	19.00	1.400	62.9	1.006	0.03	0.019	0.027
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	40620	2593	17.66	19.00	1.361	62.9	1.006	-0.18	0.618	0.846
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	39750	2506	17.61	19.00	1.377	62.9	1.006	-0.02	0.634	0.878
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	40185	2549.5	17.47	19.00	1.422	62.9	1.006	0.16	0.641	0.917
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	41055	2636.5	17.39	19.00	1.449	62.9	1.006	0.04	0.627	0.914
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	5mm	Ant 0	DSI 7	41490	2680	17.51	19.00	1.409	62.9	1.006	-0.06	0.625	0.886
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	40620	2593	17.54	19.00	1.400	62.9	1.006	-0.02	0.585	0.824
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	39750	2506	17.42	19.00	1.439	62.9	1.006	0.06	0.593	0.858
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	40185	2549.5	17.29	19.00	1.483	62.9	1.006	0.02	0.605	0.902
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	41055	2636.5	17.22	19.00	1.507	62.9	1.006	-0.14	0.544	0.825
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	5mm	Ant 0	DSI 7	41490	2680	17.30	19.00	1.479	62.9	1.006	0.02	0.583	0.867
	LTE Band 41	20M	QPSK	100	0	-	Bottom Side	5mm	Ant 0	DSI 7	40620	2593	17.57	19.00	1.390	62.9	1.006	-0.11	0.582	0.814
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 1	DSI 7	40620	2593	17.26	18.00	1.186	62.9	1.006	0.12	0.260	0.310
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 1	DSI 7	40620	2593	17.15	18.00	1.216	62.9	1.006	-0.14	0.250	0.306
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	DSI 7	40620	2593	17.26	18.00	1.186	62.9	1.006	-0.06	0.477	0.569
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 1	DSI 7	40620	2593	17.15	18.00	1.216	62.9	1.006	0.08	0.464	0.568
	LTE Band 41	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	40620	2593	17.26	18.00	1.186	62.9	1.006	-0.11	0.048	0.057
	LTE Band 41	20M	QPSK	50	0	-	Left Side	5mm	Ant 1	DSI 7	40620	2593	17.15	18.00	1.216	62.9	1.006	0.12	0.035	0.043
	LTE Band 41	20M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI 7	40620	2593	17.26	18.00	1.186	62.9	1.006	0.09	0.512	0.611
	LTE Band 41 Other PA	20M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI 7	40620	2593	16.29	17.00	1.178	-	-	0.03	0.391	0.460
	LTE Band 41C	20M	QPSK	1	99	-	Top Side	5mm	Ant 1	DSI 7	40620+ 40818	2593+ 2612.8	16.54	18.00	1.400	62.9	1.006	0.01	0.409	0.576
	LTE Band 41	20M	QPSK	50	0	-	Top Side	5mm	Ant 1	DSI 7	40620	2593	17.15	18.00	1.216	62.9	1.006	0.06	0.487	0.596
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	507000	2535	19.13	20.00	1.222	-	-	0.06	0.434	0.530
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 0	DSI 7	507000	2535	19.12	20.00	1.225	-	-	-0.16	0.519	0.636
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	507000	2535	19.13	20.00	1.222	-	-	-0.13	0.810	0.990
42	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	507000	2535	19.12	20.00	1.225	-	-	-0.05	1.100	1.347
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Back	5mm	Ant 0	DSI 7	507000	2535	19.08	20.00	1.236	-	-	-0.09	0.860	1.063
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	507000	2535	19.13	20.00	1.222	-	-	0.04	0.034	0.042
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Side	5mm	Ant 0	DSI 7	507000	2535	19.12	20.00	1.225	-	-	0.12	0.034	0.042



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	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	507000	2535	19.13	20.00	1.222	-	-	0.12	0.034	0.042
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Side	5mm	Ant 0	DSI 7	507000	2535	19.12	20.00	1.225	-	-	-0.11	0.033	0.040
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	507000	2535	19.13	20.00	1.222	-	-	0.17	0.964	1.178
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	507000	2535	19.12	20.00	1.225	-	-	0.03	1.050	1.286
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Bottom Side	5mm	Ant 0	DSI 7	507000	2535	19.08	20.00	1.236	-	-	0.06	0.852	1.053
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	507000	2535	15.79	16.50	1.178	-	-	0.03	0.234	0.276
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 1	DSI 7	507000	2535	15.69	16.50	1.205	-	-	-0.15	0.246	0.296
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	507000	2535	15.79	16.50	1.178	-	-	-0.13	0.380	0.447
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 1	DSI 7	507000	2535	15.69	16.50	1.205	-	-	-0.09	0.421	0.507
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	507000	2535	15.79	16.50	1.178	-	-	-0.14	0.038	0.045
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DSI 7	507000	2535	15.69	16.50	1.205	-	-	0.03	0.037	0.045
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 1	DSI 7	507000	2535	15.79	16.50	1.178	-	-	-0.02	0.476	0.561
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Top Side	5mm	Ant 1	DSI 7	507000	2535	15.69	16.50	1.205	-	-	0.07	0.561	0.676
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Front	5mm	Ant 0	DSI 7	518598	2592.99	17.97	19.00	1.268	-	-	-0.04	0.375	0.475
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 0	DSI 7	518598	2592.99	17.92	19.00	1.282	-	-	-0.1	0.410	0.526
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 0	DSI 7	518598	2592.99	17.97	19.00	1.268	-	-	0.13	0.851	1.079
43	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0	DSI 7	518598	2592.99	17.92	19.00	1.282	-	-	-0.09	1.120	1.436
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 0	DSI 7	518598	2592.99	17.88	19.00	1.294	-	-	0.06	0.923	1.195
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Left Side	5mm	Ant 0	DSI 7	518598	2592.99	17.97	19.00	1.268	-	-	0.04	0.026	0.033
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 0	DSI 7	518598	2592.99	17.92	19.00	1.282	-	-	0.1	0.044	0.056
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Right Side	5mm	Ant 0	DSI 7	518598	2592.99	17.97	19.00	1.268	-	-	-0.12	0.029	0.037
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 0	DSI 7	518598	2592.99	17.92	19.00	1.282	-	-	0.02	0.038	0.049
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Bottom Side	5mm	Ant 0	DSI 7	518598	2592.99	17.97	19.00	1.268	-	-	-0.01	0.770	0.976
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 0	DSI 7	518598	2592.99	17.92	19.00	1.282	-	-	0.05	0.857	1.099
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Bottom Side	5mm	Ant 0	DSI 7	518598	2592.99	17.88	19.00	1.294	-	-	0.06	0.695	0.899
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI 7	518598	2592.99	15.83	16.50	1.167	-	-	0.07	0.251	0.293
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 1	DSI 7	518598	2592.99	15.66	16.50	1.213	-	-	-0.14	0.341	0.414
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI 7	518598	2592.99	15.83	16.50	1.167	-	-	0.06	0.421	0.491
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 1	DSI 7	518598	2592.99	15.66	16.50	1.213	-	-	-0.08	0.502	0.609
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Left Side	5mm	Ant 1	DSI 7	518598	2592.99	15.83	16.50	1.167	-	-	0.03	0.036	0.042
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 1	DSI 7	518598	2592.99	15.66	16.50	1.213	-	-	0.17	0.043	0.052
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Top Side	5mm	Ant 1	DSI 7	518598	2592.99	15.83	16.50	1.167	-	-	0.02	0.525	0.613
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 1	DSI 7	518598	2592.99	15.66	16.50	1.213	-	-	0.02	0.502	0.609
3500MHz																				
	LTE Band 42	20M	QPSK	1	0	-	Front	5mm	Ant 2	DSI 7	42590	3500	13.14	14.00	1.219	62.9	1.006	-0.04	0.165	0.202
	LTE Band 42	20M	QPSK	50	0	-	Front	5mm	Ant 2	DSI 7	42590	3500	13.03	14.00	1.250	62.9	1.006	0.06	0.147	0.185
	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 2	DSI 7	42590	3500	13.14	14.00	1.219	62.9	1.006	-0.09	0.313	0.384
	LTE Band 42	20M	QPSK	50	0	-	Back	5mm	Ant 2	DSI 7	42590	3500	13.03	14.00	1.250	62.9	1.006	0.06	0.259	0.326
44	LTE Band 42	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	42590	3500	13.14	14.00	1.219	62.9	1.006	0.04	0.412	0.505
	LTE Band 42C	20M	QPSK	1	99	-	Left Side	5mm	Ant 2	DSI 7	42590+ 42788	3500+ 3519.8	13.12	14.00	1.225	62.9	1.006	0.09	0.352	0.434
	LTE Band 42	20M	QPSK	50	0	-	Left Side	5mm	Ant 2	DSI 7	42590	3500	13.03	14.00	1.250	62.9	1.006	-0.13	0.362	0.455
	LTE Band 42	20M	QPSK	1	0	-	Top Side	5mm	Ant 2	DSI 7	42590	3500	13.14	14.00	1.219	62.9	1.006	0.04	0.028	0.034
	LTE Band 42	20M	QPSK	50	0	-	Top Side	5mm	Ant 2	DSI 7	42590	3500	13.03	14.00	1.250	62.9	1.006	0.14	0.023	0.029
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Front	5mm	Ant 2	DSI 7	656000	3840	14.29	15.00	1.178	-	-	-0.13	0.201	0.237
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 2	DSI 7	656000	3840	14.22	15.00	1.197	-	-	-0.17	0.277	0.331
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 2	DSI 7	656000	3840	14.29	15.00	1.178	-	-	0.14	0.284	0.334
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 2	DSI 7	656000	3840	14.22	15.00	1.197	-	-	-0.09	0.423	0.506
	FR1 n77 ENDC	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 2	DSI 7	656000	3840	12.24	13.00	1.191	-	-	-0.09	0.312	0.372
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Left Side	5mm	Ant 2	DSI 7	656000	3840	14.29	15.00	1.178	-	-	0.07	0.497	0.585
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 2	DSI 7	656000	3840	14.22	15.00	1.197	-	-	0.03	0.604	0.723
	FR1 n77 ENDC	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 2	DSI 7	656000	3840	12.24	13.00	1.191	-	-	0.01	0.401	0.478
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Top Side	5mm	Ant 2	DSI 7	656000	3840	14.29	15.00	1.178	-	-	-0.16	0.055	0.065
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 2	DSI 7	656000	3840	14.22	15.00	1.197	-	-	0.16	0.083	0.099
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Front	5mm	Ant 4	DSI 7	656000	3840	16.43	17.00	1.140	-	-	0.06	0.354	0.404
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4	DSI 7	656000	3840	16.30	17.00	1.175	-	-	-0.05	0.393	0.462



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	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 4	DSI 7	656000	3840	16.43	17.00	1.140	-	-	0.04	0.357	0.407
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4	DSI 7	656000	3840	16.30	17.00	1.175	-	-	-0.19	0.395	0.464
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Right Side	5mm	Ant 4	DSI 7	656000	3840	16.43	17.00	1.140	-	-	-0.01	0.060	0.068
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 4	DSI 7	656000	3840	16.30	17.00	1.175	-	-	0.06	0.077	0.090
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 7	656000	3840	16.43	17.00	1.140	-	-	-0.02	0.563	0.642
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 7	656000	3840	16.30	17.00	1.175	-	-	0.04	0.607	0.713
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI 7	656000	3840	16.49	17.50	1.262	-	-	0.01	0.400	0.505
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI 7	656000	3840	16.46	17.50	1.271	-	-	-0.08	0.462	0.587
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI 7	656000	3840	16.49	17.50	1.262	-	-	0.02	0.455	0.574
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI 7	656000	3840	16.46	17.50	1.271	-	-	0.15	0.533	0.677
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI 7	656000	3840	16.49	17.50	1.262	-	-	0.06	0.190	0.240
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI 7	656000	3840	16.46	17.50	1.271	-	-	0.01	0.214	0.272
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 7	656000	3840	16.49	17.50	1.262	-	-	0.1	0.543	0.685
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 7	656000	3840	16.46	17.50	1.271	-	-	0.19	0.573	0.728
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Front	5mm	Ant 7	DSI 7	656000	3840	19.10	20.00	1.230	-	-	0.08	0.338	0.416
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 7	DSI 7	656000	3840	19.00	20.00	1.259	-	-	-0.08	0.502	0.632
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 7	DSI 7	656000	3840	19.10	20.00	1.230	-	-	-0.12	0.424	0.522
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 7	DSI 7	656000	3840	19.00	20.00	1.259	-	-	-0.07	0.612	0.770
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Left Side	5mm	Ant 7	DSI 7	656000	3840	19.10	20.00	1.230	-	-	0.09	0.668	0.822
45	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 7	DSI 7	656000	3840	19.00	20.00	1.259	-	-	-0.07	0.929	1.170
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 7	DSI 7	656000	3840	18.98	20.00	1.265	-	-	-0.03	0.758	0.959
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Bottom Side	5mm	Ant 7	DSI 7	656000	3840	19.10	20.00	1.230	-	-	0.09	0.294	0.362
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 7	DSI 7	656000	3840	19.00	20.00	1.259	-	-	-0.16	0.364	0.458
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Front	5mm	Ant 4	DSI 7	650000	3750	16.25	17.00	1.189	-	-	-0.06	0.312	0.371
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4	DSI 7	650000	3750	16.21	17.00	1.199	-	-	-0.17	0.362	0.434
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 4	DSI 7	650000	3750	16.25	17.00	1.189	-	-	0.02	0.347	0.412
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4	DSI 7	650000	3750	16.21	17.00	1.199	-	-	-0.05	0.385	0.462
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Right Side	5mm	Ant 4	DSI 7	650000	3750	16.25	17.00	1.189	-	-	-0.05	0.071	0.084
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 4	DSI 7	650000	3750	16.21	17.00	1.199	-	-	-0.14	0.095	0.114
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 7	650000	3750	16.25	17.00	1.189	-	-	0.09	0.515	0.612
46	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 7	650000	3750	16.21	17.00	1.199	-	-	0.02	0.622	0.746
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI 7	650000	3750	16.45	17.50	1.274	-	-	0.14	0.281	0.358
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI 7	650000	3750	16.40	17.50	1.288	-	-	0.03	0.337	0.434
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI 7	650000	3750	16.45	17.50	1.274	-	-	0.04	0.298	0.380
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI 7	650000	3750	16.40	17.50	1.288	-	-	-0.08	0.427	0.550
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI 7	650000	3750	16.45	17.50	1.274	-	-	0.08	0.190	0.242
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI 7	650000	3750	16.40	17.50	1.288	-	-	-0.17	0.263	0.339
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 7	650000	3750	16.45	17.50	1.274	-	-	0.16	0.434	0.553
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 7	650000	3750	16.40	17.50	1.288	-	-	0.05	0.477	0.614



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 1g SAR (W/kg)	Reported 1g SAR (W/kg)
2450MHZ																
47	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 6+3 (6)	WWAN + non DBS	6	2437	14.42	16.00	1.439	99.47	1.005	-0.11	0.184	0.266
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6+3 (6)	WWAN + non DBS	6	2437	14.42	16.00	1.439	99.47	1.005	0.04	0.288	0.416
	WLAN2.4GHz	802.11b 1Mbps	Right Side	5mm	Ant 6+3 (6)	WWAN + non DBS	6	2437	14.42	16.00	1.439	99.47	1.005	-0.05	0.262	0.379
	WLAN2.4GHz	802.11b 1Mbps	Top Side	5mm	Ant 6+3 (6)	WWAN + non DBS	6	2437	14.42	16.00	1.439	99.47	1.005	0.03	0.476	0.688
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 6	WWAN + non DBS	1	2412	14.57	16.00	1.390	99.47	1.005	0.08	0.108	0.151
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6	WWAN + non DBS	1	2412	14.57	16.00	1.390	99.47	1.005	-0.01	0.255	0.356
	WLAN2.4GHz	802.11b 1Mbps	Right Side	5mm	Ant 6	WWAN + non DBS	1	2412	14.57	16.00	1.390	99.47	1.005	0.05	0.376	0.525
	WLAN2.4GHz	802.11b 1Mbps	Top Side	5mm	Ant 6	WWAN + non DBS	1	2412	14.57	16.00	1.390	99.47	1.005	0.18	0.030	0.042
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 6	WWAN + DBS	1	2412	12.59	14.00	1.384	99.47	1.005	0.08	0.072	0.100
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6	WWAN + DBS	1	2412	12.59	14.00	1.384	99.47	1.005	-0.01	0.181	0.252
	WLAN2.4GHz	802.11b 1Mbps	Right Side	5mm	Ant 6	WWAN + DBS	1	2412	12.59	14.00	1.384	99.47	1.005	0.01	0.217	0.302
	WLAN2.4GHz	802.11b 1Mbps	Top Side	5mm	Ant 6	WWAN + DBS	1	2412	12.59	14.00	1.384	99.47	1.005	0.18	0.031	0.043
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 3	WWAN + non DBS	6	2437	14.51	16.00	1.409	99.47	1.005	0.02	0.188	0.266
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3	WWAN + non DBS	6	2437	14.51	16.00	1.409	99.47	1.005	0.01	0.294	0.416
	WLAN2.4GHz	802.11b 1Mbps	Right Side	5mm	Ant 3	WWAN + non DBS	6	2437	14.51	16.00	1.409	99.47	1.005	0.03	0.048	0.068
	WLAN2.4GHz	802.11b 1Mbps	Top Side	5mm	Ant 3	WWAN + non DBS	6	2437	14.51	16.00	1.409	99.47	1.005	0.01	0.475	0.673
	Bluetooth	1Mbps	Front	5mm	Ant 6	Full Power	39	2441	11.15	12.00	1.215	76.86	1.084	0.06	0.087	0.115
	Bluetooth	1Mbps	Back	5mm	Ant 6	Full Power	39	2441	11.15	12.00	1.215	76.86	1.084	0.03	0.088	0.116
	Bluetooth	1Mbps	Left Side	5mm	Ant 6	Full Power	39	2441	11.15	12.00	1.215	76.86	1.084	0.06	0.001	0.001
48	Bluetooth	1Mbps	Right Side	5mm	Ant 6	Full Power	39	2441	11.15	12.00	1.215	76.86	1.084	0.08	0.120	0.158
	Bluetooth	1Mbps	Top Side	5mm	Ant 6	Full Power	39	2441	11.15	12.00	1.215	76.86	1.084	0.06	0.011	0.014
5000MHZ																
49	WLAN5.2GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 5+4	WWAN + non DBS	42	5210	14.73	16.30	1.437	88.23	1.133	0.07	0.200	0.326
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 5+4	WWAN + non DBS	42	5210	14.73	16.30	1.437	88.23	1.133	0.17	0.199	0.324
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Right Side	5mm	Ant 5+4	WWAN + non DBS	42	5210	14.73	16.30	1.437	88.23	1.133	0.17	0.080	0.130
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Top Side	5mm	Ant 5+4	WWAN + non DBS	42	5210	14.73	16.30	1.437	88.23	1.133	0.01	0.397	0.646
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 5	WWAN + non DBS	42	5210	11.95	13.50	1.429	88.23	1.133	0.04	0.161	0.261
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 5	WWAN + non DBS	42	5210	11.95	13.50	1.429	88.23	1.133	0.03	0.199	0.322
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Right Side	5mm	Ant 5	WWAN + non DBS	42	5210	11.95	13.50	1.429	88.23	1.133	-0.17	0.055	0.089
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Top Side	5mm	Ant 5	WWAN + non DBS	42	5210	11.95	13.50	1.429	88.23	1.133	0.01	0.359	0.581
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 5	WWAN + DBS	42	5210	10.17	11.50	1.358	88.23	1.133	-0.04	0.096	0.148
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 5	WWAN + DBS	42	5210	10.17	11.50	1.358	88.23	1.133	0.03	0.176	0.271
50	WLAN5.2GHz	802.11ac-VHT80 MCS0	Right Side	5mm	Ant 5	WWAN + DBS	42	5210	10.17	11.50	1.358	88.23	1.133	0.04	0.069	0.106
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Top Side	5mm	Ant 5	WWAN + DBS	42	5210	10.17	11.50	1.358	88.23	1.133	0.03	0.227	0.349
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 5+4 (4)	WWAN + non DBS	155	5775	12.28	14.00	1.486	88.23	1.133	0.14	0.150	0.253
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 5+4 (4)	WWAN + non DBS	155	5775	12.28	14.00	1.486	88.23	1.133	0.12	0.231	0.389
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	5mm	Ant 5+4 (4)	WWAN + non DBS	155	5775	12.28	14.00	1.486	88.23	1.133	-0.09	0.207	0.348
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Top Side	5mm	Ant 5+4 (4)	WWAN + non DBS	155	5775	12.28	14.00	1.486	88.23	1.133	0.05	0.410	0.690
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 5	WWAN + non DBS	155	5775	11.95	13.50	1.429	88.23	1.133	0.16	0.137	0.222
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 5	WWAN + non DBS	155	5775	11.95	13.50	1.429	88.23	1.133	0.05	0.152	0.246
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	5mm	Ant 5	WWAN + non DBS	155	5775	11.95	13.50	1.429	88.23	1.133	0.05	0.201	0.325
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Top Side	5mm	Ant 5	WWAN + non DBS	155	5775	11.95	13.50	1.429	88.23	1.133	0.01	0.355	0.575
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 5	WWAN + DBS	155	5775	9.33	10.50	1.309	88.23	1.133	0.07	0.088	0.131
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 5	WWAN + DBS	155	5775	9.33	10.50	1.309	88.23	1.133	-0.01	0.143	0.212
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	5mm	Ant 5	WWAN + DBS	155	5775	9.33	10.50	1.309	88.23	1.133	0.03	0.195	0.289
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Top Side	5mm	Ant 5	WWAN + DBS	155	5775	9.33	10.50	1.309	88.23	1.133	0.02	0.247	0.366



15.3 Body Worn Accessory SAR

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	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)
750MHz																					
51	LTE Band 12	10M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	23095	707.5	22.73	24.00	1.340	-	-	-0.13	0.545	0.730
	LTE Band 12	10M	QPSK	25	0	-	Front	5mm	Ant 0	-	DSI 3	23095	707.5	21.59	23.00	1.384	-	-	0.09	0.442	0.612
	LTE Band 12	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	23095	707.5	22.73	24.00	1.340	-	-	-0.07	0.824	1.104
	LTE Band 12	10M	QPSK	25	0	-	Back	5mm	Ant 0	-	DSI 3	23095	707.5	21.59	23.00	1.384	-	-	0.07	0.649	0.898
	LTE Band 12	10M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	23095	707.5	21.53	23.00	1.403	-	-	-0.14	0.646	0.906
	LTE Band 12	10M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	23095	707.5	22.57	24.00	1.390	-	-	0.07	0.222	0.309
	LTE Band 12	10M	QPSK	25	0	-	Front	5mm	Ant 1	-	DSI 3	23095	707.5	21.56	23.00	1.393	-	-	0.07	0.177	0.247
	LTE Band 12	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	23095	707.5	22.57	24.00	1.390	-	-	-0.07	0.647	0.899
	LTE Band 12	10M	QPSK	25	0	-	Back	5mm	Ant 1	-	DSI 3	23095	707.5	21.56	23.00	1.393	-	-	0.01	0.512	0.713
	LTE Band 12	10M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	23095	707.5	21.53	23.00	1.403	-	-	0.13	0.510	0.715
52	LTE Band 13	10M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	23230	782	22.60	24.00	1.380	-	-	-0.11	0.669	0.923
	LTE Band 13	10M	QPSK	25	0	-	Front	5mm	Ant 0	-	DSI 3	23230	782	21.65	23.00	1.365	-	-	-0.16	0.552	0.753
	LTE Band 13	10M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	23230	782	21.64	23.00	1.368	-	-	-0.16	0.553	0.756
	LTE Band 13	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	23230	782	22.60	24.00	1.380	-	-	0.01	0.885	1.222
	LTE Band 13	10M	QPSK	1	0	-	Back	5mm	Ant 0	Headset	DSI 3	23230	782	22.60	24.00	1.380	-	-	0.01	0.835	1.153
	LTE Band 13	10M	QPSK	25	0	-	Back	5mm	Ant 0	-	DSI 3	23230	782	21.65	23.00	1.365	-	-	-0.16	0.723	0.987
	LTE Band 13	10M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	23230	782	21.64	23.00	1.368	-	-	-0.17	0.736	1.007
	LTE Band 13	10M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	23230	782	23.52	24.00	1.117	-	-	0.06	0.389	0.434
	LTE Band 13	10M	QPSK	25	0	-	Front	5mm	Ant 1	-	DSI 3	23230	782	22.33	23.00	1.167	-	-	0.04	0.320	0.373
	LTE Band 13	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	23230	782	23.52	24.00	1.117	-	-	-0.01	0.802	0.896
53	LTE Band 13	10M	QPSK	25	0	-	Back	5mm	Ant 1	-	DSI 3	23230	782	22.33	23.00	1.167	-	-	0.08	0.660	0.770
	LTE Band 13	10M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	23230	782	22.35	23.00	1.161	-	-	-0.1	0.677	0.786
	850MHz																				
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 0	-	DSI 3	189	836.4	25.55	26.50	1.245	-	-	-0.1	0.771	0.960
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 0	-	DSI 3	128	824.2	25.48	26.50	1.265	-	-	-0.04	0.835	1.056
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 0	-	DSI 3	251	848.8	25.42	26.50	1.282	-	-	-0.1	0.789	1.012
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	-	DSI 3	189	836.4	25.55	26.50	1.245	-	-	0.04	0.918	1.142
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	-	DSI 3	128	824.2	25.48	26.50	1.265	-	-	-0.01	0.977	1.236
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	Headset	DSI 3	128	824.2	25.48	26.50	1.265	-	-	-0.01	0.932	1.179
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	-	DSI 3	251	848.8	25.42	26.50	1.282	-	-	0.15	0.866	1.110
54	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	21mm	Ant 0	-	DSI 4	189	836.4	28.21	29.50	1.346	-	-	0.01	0.289	0.389
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	22mm	Ant 0	-	DSI 4	189	836.4	28.21	29.50	1.346	-	-	0.09	0.262	0.353
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 1	-	DSI 3	189	836.4	25.98	26.50	1.127	-	-	0.09	0.462	0.521
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 1	-	DSI 3	189	836.4	25.98	26.50	1.127	-	-	0.09	0.889	1.002
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 1	-	DSI 3	128	824.2	25.88	26.50	1.153	-	-	-0.04	1.01	1.165
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 1	Headset	DSI 3	128	824.2	25.88	26.50	1.153	-	-	-0.04	0.932	1.075
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 1	-	DSI 3	251	848.8	25.83	26.50	1.167	-	-	-0.12	0.875	1.021
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	21mm	Ant 1	-	DSI 4	189	836.4	28.55	29.50	1.245	-	-	0.15	0.253	0.315
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	22mm	Ant 1	-	DSI 4	189	836.4	28.55	29.50	1.245	-	-	0.12	0.241	0.300
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	-	DSI 3	4182	836.4	22.68	24.00	1.355	-	-	0.12	0.793	1.075
55	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	-	DSI 3	4132	826.4	22.36	24.00	1.459	-	-	0.17	0.730	1.065
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	-	DSI 3	4233	846.6	22.48	24.00	1.419	-	-	-0.06	0.789	1.120
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 3	4182	836.4	22.68	24.00	1.355	-	-	-0.02	0.918	1.244
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 3	4132	826.4	22.36	24.00	1.459	-	-	0.07	0.921	1.344
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 3	4233	846.6	22.48	24.00	1.419	-	-	0.01	0.954	1.354
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	Headset	DSI 3	4233	846.6	22.48	24.00	1.419	-	-	-0.03	0.937	1.330
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	21mm	Ant 0	-	DSI 4	4182	836.4	23.38	25.00	1.452	-	-	-0.18	0.150	0.218
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	22mm	Ant 0	-	DSI 4	4182	836.4	23.38	25.00	1.452	-	-	0.06	0.139	0.202
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 1	-	DSI 3	4182	836.4	24.39	25.00	1.151	-	-	0.11	0.291	0.335
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	-	DSI 3	4182	836.4	24.39	25.00	1.151	-	-	0.05	0.550	0.633



FCC SAR Test Report

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	LTE Band 26	15M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	26865	831.5	22.75	24.00	1.334	-	-	-0.09	0.805	1.073
	LTE Band 26	15M	QPSK	36	0	-	Front	5mm	Ant 0	-	DSI 3	26865	831.5	21.71	23.00	1.346	-	-	0.01	0.630	0.848
	LTE Band 26	15M	QPSK	75	0	-	Front	5mm	Ant 0	-	DSI 3	26865	831.5	21.73	23.00	1.340	-	-	0.02	0.625	0.837
55	LTE Band 26	15M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	26865	831.5	22.75	24.00	1.334	-	-	-0.03	1.08	1.440
	LTE Band 26	15M	QPSK	1	0	-	Back	5mm	Ant 0	Headset	DSI 3	26865	831.5	22.75	24.00	1.334	-	-	-0.03	1.00	1.334
	LTE Band 26	15M	QPSK	36	0	-	Back	5mm	Ant 0	-	DSI 3	26865	831.5	21.71	23.00	1.346	-	-	0.03	0.852	1.147
	LTE Band 26	15M	QPSK	75	0	-	Back	5mm	Ant 0	-	DSI 3	26865	831.5	21.73	23.00	1.340	-	-	0.04	0.843	1.129
	LTE Band 26	15M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	26865	831.5	23.55	24.00	1.109	-	-	-0.02	0.439	0.487
	LTE Band 26	15M	QPSK	36	0	-	Front	5mm	Ant 1	-	DSI 3	26865	831.5	22.38	23.00	1.153	-	-	0.15	0.380	0.438
	LTE Band 26	15M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	26865	831.5	23.55	24.00	1.109	-	-	0.05	0.945	1.048
	LTE Band 26 ENDC	15M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	26865	831.5	20.45	21.00	1.135	-	-	0.01	0.475	0.539
	LTE Band 26	15M	QPSK	36	0	-	Back	5mm	Ant 1	-	DSI 3	26865	831.5	22.38	23.00	1.153	-	-	0.08	0.722	0.833
	LTE Band 26	15M	QPSK	75	0	-	Back	5mm	Ant 1	-	DSI 3	26865	831.5	22.41	23.00	1.146	-	-	0.11	0.689	0.789
	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	167300	836.5	22.96	24.00	1.271	-	-	0.11	0.561	0.713
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	167300	836.5	22.92	24.00	1.282	-	-	0.18	0.547	0.701
56	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	167300	836.5	22.96	24.00	1.271	-	-	-0.08	0.717	0.911
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	167300	836.5	22.92	24.00	1.282	-	-	-0.08	0.654	0.839
	FR1 n5	20M	QPSK	100	0	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	167300	836.5	21.83	23.00	1.309	-	-	-0.08	0.567	0.742
	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	167300	836.5	23.45	24.00	1.135	-	-	-0.14	0.275	0.312
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	167300	836.5	23.41	24.00	1.146	-	-	0.06	0.245	0.281
	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	167300	836.5	23.45	24.00	1.135	-	-	-0.18	0.472	0.536
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	167300	836.5	23.41	24.00	1.146	-	-	-0.05	0.456	0.522
1750MHz																					
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	-	DSI 3	1413	1732.6	16.44	18.00	1.432	-	-	-0.05	0.678	0.971
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	-	DSI 3	1312	1712.4	16.29	18.00	1.483	-	-	0.01	0.645	0.956
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	-	DSI 3	1513	1752.6	16.26	18.00	1.493	-	-	0.08	0.650	0.970
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 3	1413	1732.6	16.44	18.00	1.432	-	-	0.13	0.820	1.174
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 3	1312	1712.4	16.29	18.00	1.483	-	-	0.09	0.726	1.076
57	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 3	1513	1752.6	16.26	18.00	1.493	-	-	0.03	0.936	1.397
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	Headset	DSI 3	1513	1752.6	16.26	18.00	1.493	-	-	0.03	0.878	1.311
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	21mm	Ant 0	-	DSI 4	1413	1732.6	23.27	25.00	1.489	-	-	-0.07	0.424	0.631
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	22mm	Ant 0	-	DSI 4	1413	1732.6	23.27	25.00	1.489	-	-	0.02	0.146	0.217
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 1	-	DSI 3	1413	1732.6	18.80	20.00	1.318	-	-	0.06	0.507	0.668
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	-	DSI 3	1413	1732.6	18.80	20.00	1.318	-	-	0.01	0.797	1.051
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	-	DSI 3	1312	1712.4	18.71	20.00	1.346	-	-	0.01	0.759	1.022
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	-	DSI 3	1513	1752.6	18.60	20.00	1.380	-	-	-0.08	0.846	1.168
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	21mm	Ant 1	-	DSI 4	1413	1732.6	22.88	24.00	1.294	-	-	-0.15	0.182	0.236
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	22mm	Ant 1	-	DSI 4	1413	1732.6	22.88	24.00	1.294	-	-	0.04	0.287	0.371
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	132322	1745	15.56	17.00	1.393	-	-	-0.06	0.636	0.886
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	132072	1720	15.49	17.00	1.416	-	-	0.08	0.647	0.916
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	132572	1770	15.51	17.00	1.409	-	-	0.12	0.672	0.947
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	132322	1745	15.54	17.00	1.400	-	-	-0.17	0.641	0.897
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	132072	1720	15.44	17.00	1.432	-	-	0.06	0.650	0.931
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	132572	1770	15.53	17.00	1.403	-	-	0.03	0.632	0.887
	LTE Band 66	20M	QPSK	100	0	-	Front	5mm	Ant 0	-	DSI 3	132322	1745	15.35	17.00	1.462	-	-	0.04	0.621	0.908
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	132322	1745	15.56	17.00	1.393	-	-	0.13	0.868	1.209
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	132072	1720	15.49	17.00	1.416	-	-	0.05	0.857	1.213
58	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	132572	1770	15.51	17.00	1.409	-	-	0.01	0.924	1.302
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	Headset	DSI 3	132572	1770	15.51	17.00	1.409	-	-	0.01	0.870	1.226
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	132322	1745	15.54	17.00	1.400	-	-	-0.16	0.844	1.181
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	132072	1720	15.44	17.00	1.432	-	-	0.13	0.852	1.220
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	132572	1770	15.53	17.00	1.403	-	-	0.04	0.798	1.119
	LTE Band 66	20M	QPSK	100	0	-	Back	5mm	Ant 0	-	DSI 3	132322	1745	15.35	17.00	1.462	-	-	0.05	0.812	1.187
	LTE Band 66	20M	QPSK	1	0	-	Front	21mm	Ant 0	-	DSI 4	132322	1745	22.65	24.00	1.365	-	-	0.18	0.433	0.591
	LTE Band 66	20M	QPSK	1	0	-	Back	22mm	Ant 0	-	DSI 4	132322	1745	22.65	24.00	1.365	-	-	0.18	0.215	0.293
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	132322	1745	18.30	19.00	1.175	-	-	0.08	0.563	0.661



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	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 3	132322	1745	18.27	19.00	1.183	-	-	0.01	0.543	0.642
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	132322	1745	18.30	19.00	1.175	-	-	0.07	0.825	0.969
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	132072	1720	18.23	19.00	1.194	-	-	0.03	0.745	0.890
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	132572	1770	18.08	19.00	1.236	-	-	0.08	0.945	1.168
	LTE Band 66 ENDC	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	132572	1770	15.32	16.00	1.169	-	-	-0.02	0.457	0.534
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	132572	1770	15.80	17.00	1.318	-	-	0.08	0.814	1.073
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 1	Headset	DSI 3	132572	1770	18.08	19.00	1.236	-	-	0.08	0.897	1.109
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	132322	1745	18.27	19.00	1.183	-	-	-0.14	0.798	0.944
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	132072	1720	18.09	19.00	1.233	-	-	0.14	0.785	0.968
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	132572	1770	18.00	19.00	1.259	-	-	-0.11	0.831	1.046
	LTE Band 66	20M	QPSK	100	0	-	Back	5mm	Ant 1	-	DSI 3	132322	1745	18.26	19.00	1.186	-	-	-0.08	0.798	0.946
	LTE Band 66	20M	QPSK	1	0	-	Front	21mm	Ant 1	-	DSI 4	132322	1745	22.14	23.00	1.219	-	-	0.01	0.099	0.121
	LTE Band 66	20M	QPSK	1	0	-	Back	22mm	Ant 1	-	DSI 4	132322	1745	22.14	23.00	1.219	-	-	-0.17	0.163	0.199
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	349000	1745	15.95	17.50	1.429	-	-	0.07	0.712	1.017
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	349000	1745	15.90	17.50	1.445	-	-	0.12	0.746	1.078
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	349000	1745	15.89	17.50	1.449	-	-	0.01	0.723	1.047
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	349000	1745	15.95	17.50	1.429	-	-	0.05	0.861	1.230
59	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	349000	1745	15.90	17.50	1.445	-	-	-0.01	0.924	1.336
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 0	Headset	DSI 3	349000	1745	15.90	17.50	1.445	-	-	-0.01	0.887	1.282
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	349000	1745	15.89	17.50	1.449	-	-	0.02	0.859	1.244
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	21mm	Ant 0	-	DSI 4	349000	1745	22.50	24.00	1.413	-	-	0.16	0.255	0.360
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	21mm	Ant 0	-	DSI 4	349000	1745	22.50	24.00	1.413	-	-	0.08	0.306	0.432
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	22mm	Ant 0	-	DSI 4	349000	1745	22.50	24.00	1.413	-	-	0.12	0.393	0.555
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	22mm	Ant 0	-	DSI 4	349000	1745	22.50	24.00	1.413	-	-	0.02	0.337	0.476
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	349000	1745	19.46	20.50	1.271	-	-	0.07	0.618	0.785
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	349000	1745	19.42	20.50	1.282	-	-	-0.1	0.642	0.823
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	349000	1745	19.35	20.50	1.303	-	-	0.02	0.611	0.796
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	349000	1745	19.46	20.50	1.271	-	-	0.08	0.787	1.000
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	349000	1745	19.42	20.50	1.282	-	-	-0.17	0.853	1.094
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	349000	1745	19.35	20.50	1.303	-	-	0.08	0.811	1.057
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	21mm	Ant 1	-	DSI 4	349000	1745	22.90	24.00	1.288	-	-	-0.18	0.115	0.148
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	21mm	Ant 1	-	DSI 4	349000	1745	22.81	24.00	1.315	-	-	0.08	0.130	0.171
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	22mm	Ant 1	-	DSI 4	349000	1745	22.90	24.00	1.288	-	-	0.06	0.145	0.187
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	22mm	Ant 1	-	DSI 4	349000	1745	22.81	24.00	1.315	-	-	0.09	0.151	0.199
1900MHz																					
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 0	-	DSI 3	661	1880	16.82	17.50	1.169	-	-	-0.15	0.682	0.798
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	-	DSI 3	661	1880	16.82	17.50	1.169	-	-	0.03	0.957	1.119
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	-	DSI 3	512	1850.2	16.73	17.50	1.194	-	-	-0.07	0.971	1.159
60	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	-	DSI 3	810	1909.8	16.70	17.50	1.202	-	-	-0.04	1.060	1.274
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	Headset	DSI 3	810	1909.8	16.70	17.50	1.202	-	-	-0.04	0.987	1.187
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	21mm	Ant 0	-	DSI 4	661	1880	25.62	26.50	1.225	-	-	0.11	0.462	0.566
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	22mm	Ant 0	-	DSI 4	661	1880	25.62	26.50	1.225	-	-	0.05	0.530	0.649
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 1	-	DSI 3	661	1880	18.87	19.50	1.156	-	-	0.03	0.480	0.555
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 1	-	DSI 3	661	1880	18.87	19.50	1.156	-	-	-0.18	0.854	0.987
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 1	-	DSI 3	512	1850.2	18.76	19.50	1.186	-	-	-0.08	0.918	1.089
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 1	-	DSI 3	810	1909.8	18.74	19.50	1.191	-	-	0.09	0.899	1.071
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	21mm	Ant 1	-	DSI 4	661	1880	25.54	26.50	1.247	-	-	0.07	0.193	0.241
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	22mm	Ant 1	-	DSI 4	661	1880	25.54	26.50	1.247	-	-	0.06	0.221	0.276
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	-	DSI 3	9400	1880	16.55	18.00	1.396	-	-	0.09	0.679	0.948
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	-	DSI 3	9262	1852.4	16.38	18.00	1.452	-	-	-0.11	0.624	0.906
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	-	DSI 3	9538	1907.6	16.32	18.00	1.472	-	-	0.16	0.642	0.945
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 3	9400	1880	16.55	18.00	1.396	-	-	0.07	0.911	1.272
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 3	9262	1852.4	16.38	18.00	1.452	-	-	-0.02	0.891	1.294
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	Headset	DSI 3	9538	1907.6	16.42	18.00	1.439	-	-	-0.03	0.968	1.393
61	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 3	9538	1907.6	16.42	18.00	1.439	-	-	0.01	0.991	1.426
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	21mm	Ant 0	-	DSI 4	9400	1880	23.35	25.00	1.462	-	-	0.04	0.130	0.190



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	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	22mm	Ant 0	-	DSI 4	9400	1880	23.35	25.00	1.462	-	-	-0.05	0.154	0.225
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 1	-	DSI 3	9400	1880	19.14	20.00	1.219	-	-	-0.18	0.542	0.661
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	-	DSI 3	9400	1880	19.14	20.00	1.219	-	-	-0.11	0.835	1.018
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	-	DSI 3	9262	1852.4	19.05	20.00	1.245	-	-	-0.08	0.855	1.064
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	-	DSI 3	9538	1907.6	18.92	20.00	1.282	-	-	-0.03	0.816	1.046
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	21mm	Ant 1	-	DSI 4	9400	1880	23.15	24.00	1.216	-	-	0.02	0.119	0.145
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	22mm	Ant 1	-	DSI 4	9400	1880	23.15	24.00	1.216	-	-	0.17	0.179	0.218
	LTE Band 2	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	18900	1880	15.66	17.00	1.361	-	-	0.05	0.679	0.924
	LTE Band 2	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	18700	1860	15.61	17.00	1.377	-	-	0.04	0.642	0.884
	LTE Band 2	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	19100	1900	15.54	17.00	1.400	-	-	0.05	0.688	0.963
	LTE Band 2	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	18900	1880	15.53	17.00	1.403	-	-	0.16	0.678	0.951
	LTE Band 2	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	18700	1860	15.52	17.00	1.406	-	-	-0.12	0.615	0.865
	LTE Band 2	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	19100	1900	15.43	17.00	1.435	-	-	-0.1	0.663	0.952
	LTE Band 2	20M	QPSK	100	0	-	Front	5mm	Ant 0	-	DSI 3	18900	1880	15.47	17.00	1.422	-	-	0.08	0.655	0.932
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	18900	1880	15.66	17.00	1.361	-	-	-0.03	0.845	1.150
62	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	18700	1860	15.61	17.00	1.377	-	-	-0.06	0.852	1.173
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	19100	1900	15.54	17.00	1.400	-	-	0.11	0.834	1.167
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	18900	1880	15.53	17.00	1.403	-	-	0.08	0.820	1.150
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	18700	1860	15.52	17.00	1.406	-	-	0.06	0.815	1.146
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	19100	1900	15.43	17.00	1.435	-	-	-0.19	0.814	1.168
	LTE Band 2	20M	QPSK	100	0	-	Back	5mm	Ant 0	-	DSI 3	18900	1880	15.47	17.00	1.422	-	-	-0.11	0.816	1.161
	LTE Band 2	20M	QPSK	1	0	-	Front	21mm	Ant 0	-	DSI 4	18900	1880	22.58	24.00	1.387	-	-	-0.03	0.294	0.408
	LTE Band 2	20M	QPSK	1	0	-	Back	22mm	Ant 0	-	DSI 4	18900	1880	22.58	24.00	1.387	-	-	0.13	0.134	0.186
	LTE Band 2	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	18900	1880	18.07	19.00	1.239	-	-	0.07	0.573	0.710
	LTE Band 2	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 3	18900	1880	17.88	19.00	1.294	-	-	0.02	0.461	0.597
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	18900	1880	18.07	19.00	1.239	-	-	0.04	0.735	0.911
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	18700	1860	17.92	19.00	1.282	-	-	-0.05	0.796	1.021
	LTE Band 2 ENDC	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	18700	1860	15.12	16.00	1.225	-	-	-0.05	0.452	0.554
	LTE Band 2 Other PA	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	18700	1860	15.65	17.00	1.365	-	-	-0.12	0.714	0.974
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	19100	1900	17.95	19.00	1.274	-	-	0.02	0.735	0.936
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	18900	1880	17.88	19.00	1.294	-	-	0.03	0.712	0.921
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	18700	1860	17.87	19.00	1.297	-	-	0.07	0.721	0.935
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	19100	1900	17.67	19.00	1.358	-	-	0.06	0.743	1.009
	LTE Band 2	20M	QPSK	100	0	-	Back	5mm	Ant 1	-	DSI 3	18900	1880	17.72	19.00	1.343	-	-	-0.12	0.724	0.972
	LTE Band 2	20M	QPSK	1	0	-	Front	21mm	Ant 1	-	DSI 4	18900	1880	22.07	23.00	1.239	-	-	0.05	0.131	0.162
	LTE Band 2	20M	QPSK	1	0	-	Back	22mm	Ant 1	-	DSI 4	18900	1880	22.07	23.00	1.239	-	-	-0.05	0.186	0.230
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	376000	1880	17.41	18.50	1.285	-	-	-0.07	0.788	1.013
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	372000	1860	17.33	18.50	1.309	-	-	0.19	0.727	0.952
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	380000	1900	17.36	18.50	1.300	-	-	0.01	0.818	1.064
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	376000	1880	17.39	18.50	1.291	-	-	0.02	0.782	1.010
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	372000	1860	17.28	18.50	1.324	-	-	0.03	0.763	1.010
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	380000	1900	17.37	18.50	1.297	-	-	0.09	0.833	1.081
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	376000	1880	17.34	18.50	1.306	-	-	-0.03	0.758	0.990
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	376000	1880	17.41	18.50	1.285	-	-	0.03	0.957	1.230
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	372000	1860	17.33	18.50	1.309	-	-	-0.08	0.914	1.197
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	380000	1900	17.36	18.50	1.300	-	-	0.05	0.914	1.188
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	376000	1880	17.39	18.50	1.291	-	-	0.01	0.978	1.263
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	372000	1860	17.28	18.50	1.324	-	-	0.04	0.899	1.191
63	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	380000	1900	17.37	18.50	1.297	-	-	-0.09	1.020	1.323
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 0	Headset	DSI 3	380000	1900	17.37	18.50	1.297	-	-	-0.09	1.000	1.297
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	376000	1880	17.34	18.50	1.306	-	-	-0.17	0.876	1.144
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	21mm	Ant 0	-	DSI 4	376000	1880	22.77	24.00	1.327	-	-	0.03	0.252	0.335
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	21mm	Ant 0	-	DSI 4	376000	1880	22.73	24.00	1.340	-	-	0.17	0.238	0.319
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	22mm	Ant 0	-	DSI 4	376000	1880	22.77	24.00	1.327	-	-	0.06	0.274	0.364
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	22mm	Ant 0	-	DSI 4	376000	1880	22.73	24.00	1.340	-	-	-0.08	0.370	0.496
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	376000	1880	19.35	20.00	1.161	-	-	0.17	0.549	0.638



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	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	376000	1880	19.31	20.00	1.172	-	-	0.01	0.757	0.887
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	372000	1860	19.20	20.00	1.202	-	-	-0.01	0.734	0.882
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	380000	1900	19.26	20.00	1.186	-	-	0.07	0.735	0.872
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	376000	1880	19.26	20.00	1.186	-	-	-0.08	0.744	0.882
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	376000	1880	19.35	20.00	1.161	-	-	0.04	0.721	0.837
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	372000	1860	19.27	20.00	1.183	-	-	-0.11	0.734	0.868
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	380000	1900	19.23	20.00	1.194	-	-	0.08	0.695	0.830
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	376000	1880	19.31	20.00	1.172	-	-	0.17	0.764	0.896
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	372000	1860	19.20	20.00	1.202	-	-	0.07	0.743	0.893
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	380000	1900	19.26	20.00	1.186	-	-	-0.01	0.845	1.002
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	376000	1880	19.26	20.00	1.186	-	-	0.02	0.731	0.867
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	21mm	Ant 1	-	DSI 4	376000	1880	22.30	23.00	1.175	-	-	-0.05	0.092	0.108
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	21mm	Ant 1	-	DSI 4	376000	1880	22.26	23.00	1.186	-	-	0.04	0.113	0.134
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	22mm	Ant 1	-	DSI 4	376000	1880	22.30	23.00	1.175	-	-	0.18	0.122	0.143
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	22mm	Ant 1	-	DSI 4	376000	1880	22.26	23.00	1.186	-	-	-0.18	0.134	0.159
2600MHz																					
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	21100	2535	17.55	18.50	1.245	-	-	0.04	0.450	0.560
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	21100	2535	17.52	18.50	1.253	-	-	0.05	0.360	0.451
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	21100	2535	17.55	18.50	1.245	-	-	0.01	0.825	1.027
	LTE Band 7C	20M	QPSK	1	99	-	Back	5mm	Ant 0	-	DSI 3	21100 +21298	2535 +2554.8	17.34	18.50	1.306	-	-	0.06	0.782	1.021
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	20850	2510	17.36	18.50	1.300	-	-	0.19	0.787	1.023
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	21350	2560	17.23	18.50	1.340	-	-	-0.15	0.753	1.009
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	21100	2535	17.52	18.50	1.253	-	-	0.07	0.798	1.000
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	20850	2510	17.43	18.50	1.279	-	-	0.08	0.798	1.021
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	21350	2560	17.30	18.50	1.318	-	-	-0.16	0.764	1.007
	LTE Band 7	20M	QPSK	100	0	-	Back	5mm	Ant 0	-	DSI 3	21100	2535	17.51	18.50	1.256	-	-	0.02	0.797	1.001
	LTE Band 7	20M	QPSK	1	0	-	Front	21mm	Ant 0	-	DSI 4	21100	2535	23.09	24.00	1.233	-	-	0.08	0.204	0.252
	LTE Band 7	20M	QPSK	1	0	-	Back	22mm	Ant 0	-	DSI 4	21100	2535	23.09	24.00	1.233	-	-	-0.13	0.208	0.256
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	21100	2535	16.51	18.00	1.409	-	-	0.02	0.398	0.561
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 3	21100	2535	16.48	18.00	1.419	-	-	-0.04	0.317	0.450
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	21100	2535	16.51	18.00	1.409	-	-	-0.11	0.779	1.098
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	20850	2510	16.47	18.00	1.422	-	-	-0.16	0.759	1.080
64	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	21350	2560	16.39	18.00	1.449	-	-	-0.01	0.805	1.166
	LTE Band 7 ENDC	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	21350	2560	13.61	15.00	1.377	-	-	-0.01	0.402	0.554
	LTE Band 7 Other PA	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	21350	2560	14.15	15.00	1.216	-	-	-0.07	0.774	0.941
	LTE Band 7C	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	21350 +21152	2560 +2540.2	16.04	18.00	1.570	-	-	0.03	0.725	1.139
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	21100	2535	16.48	18.00	1.419	-	-	-0.03	0.758	1.076
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	20850	2510	16.44	18.00	1.432	-	-	-0.14	0.719	1.030
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	21350	2560	16.35	18.00	1.462	-	-	0.09	0.748	1.094
	LTE Band 7	20M	QPSK	100	0	-	Back	5mm	Ant 1	-	DSI 3	21100	2535	16.42	18.00	1.439	-	-	0.03	0.770	1.108
	LTE Band 7	20M	QPSK	1	0	-	Front	21mm	Ant 1	-	DSI 4	21100	2535	22.57	24.00	1.390	-	-	-0.06	0.064	0.089
	LTE Band 7	20M	QPSK	1	0	-	Back	22mm	Ant 1	-	DSI 4	21100	2535	22.57	24.00	1.390	-	-	-0.08	0.119	0.165
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	40620	2593	17.66	19.00	1.361	62.9	1.006	0.06	0.340	0.466
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	40620	2593	17.54	19.00	1.400	62.9	1.006	0.04	0.268	0.377
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	40620	2593	17.66	19.00	1.361	62.9	1.006	0.04	0.771	1.056
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	39750	2506	17.61	19.00	1.377	62.9	1.006	0.09	0.658	0.912
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	40185	2549.5	17.47	19.00	1.422	62.9	1.006	0.17	0.642	0.919
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	41055	2636.5	17.39	19.00	1.449	62.9	1.006	0.02	0.828	1.207
65	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	41490	2680	17.51	19.00	1.409	62.9	1.006	-0.05	0.873	1.238
	LTE Band 41C	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	41490 +41492	2680 +2660.2	17.21	19.00	1.510	62.9	1.006	0.09	0.781	1.186
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	Headset	DSI 3	41490	2680	17.51	19.00	1.409	62.9	1.006	-0.01	0.852	1.208
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	40620	2593	17.54	19.00	1.400	62.9	1.006	-0.15	0.713	1.004
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	39750	2506	17.42	19.00	1.439	62.9	1.006	0.02	0.736	1.065
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	40185	2549.5	17.29	19.00	1.483	62.9	1.006	0.14	0.748	1.116
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	41055	2636.5	17.22	19.00	1.507	62.9	1.006	0.07	0.792	1.200



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	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	41490	2680	17.30	19.00	1.479	62.9	1.006	-0.07	0.802	1.193
	LTE Band 41	20M	QPSK	100	0	-	Back	5mm	Ant 0	-	DSI 3	40620	2593	17.57	19.00	1.390	62.9	1.006	-0.02	0.808	1.130
	LTE Band 41	20M	QPSK	1	0	-	Front	21mm	Ant 0	-	DSI 4	40620	2593	22.84	24.00	1.306	62.9	1.006	0.06	0.091	0.120
	LTE Band 41	20M	QPSK	1	0	-	Back	22mm	Ant 0	-	DSI 4	40620	2593	22.84	24.00	1.306	62.9	1.006	0.06	0.164	0.215
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	40620	2593	17.26	18.00	1.186	62.9	1.006	0.12	0.253	0.302
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 3	40620	2593	17.15	18.00	1.216	62.9	1.006	-0.14	0.243	0.297
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	40620	2593	17.26	18.00	1.186	62.9	1.006	-0.06	0.468	0.558
	LTE Band 41 Other PA	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	40620	2593	16.29	17.00	1.178	-	-	0.09	0.441	0.519
	LTE Band 41C	20M	QPSK	1	99	-	Back	5mm	Ant 1	-	DSI 3	40620 +40818	2593 +2612.8	16.54	18.00	1.400	62.9	1.006	0.08	0.351	0.494
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	40620	2593	17.15	18.00	1.216	62.9	1.006	0.08	0.451	0.552
	LTE Band 41	20M	QPSK	1	0	-	Front	21mm	Ant 1	-	DSI 4	40620	2593	22.14	23.00	1.219	62.9	1.006	0.01	0.069	0.085
	LTE Band 41	20M	QPSK	1	0	-	Back	22mm	Ant 1	-	DSI 4	40620	2593	22.14	23.00	1.219	62.9	1.006	-0.14	0.102	0.125
	LTE Band 38	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	38000	2595	19.09	20.00	1.233	62.9	1.006	-0.14	0.655	0.813
	LTE Band 38	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	37850	2580	18.77	20.00	1.327	62.9	1.006	0.06	0.601	0.803
	LTE Band 38	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	38150	2610	18.69	20.00	1.352	62.9	1.006	0.14	0.588	0.800
	LTE Band 38	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 3	38000	2595	18.76	20.00	1.330	62.9	1.006	-0.06	0.599	0.802
	LTE Band 38	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 3	37850	2580	18.59	20.00	1.384	62.9	1.006	0.08	0.564	0.785
	LTE Band 38	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 3	38150	2610	18.56	20.00	1.393	62.9	1.006	0.14	0.574	0.804
	LTE Band 38	20M	QPSK	100	0	-	Front	5mm	Ant 1	-	DSI 3	38000	2595	18.52	20.00	1.406	62.9	1.006	0.08	0.541	0.765
66	LTE Band 38	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	38000	2595	19.09	20.00	1.233	62.9	1.006	-0.06	0.852	1.057
	LTE Band 38 ENDC	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	38000	2595	17.06	18.00	1.242	62.9	1.006	0.09	0.442	0.552
	LTE Band 38 Other PA	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	38000	2595	16.13	17.00	1.222	-	-	0.01	0.423	0.517
	LTE Band 38C	20M	QPSK	1	99	-	Back	5mm	Ant 1	-	DSI 3	37901 +38099	2585.1 +2604.9	16.53	18.00	1.403	62.9	1.006	0.07	0.348	0.491
	LTE Band 38	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	37850	2580	18.77	20.00	1.327	62.9	1.006	0.05	0.784	1.047
	LTE Band 38	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	38150	2610	18.69	20.00	1.352	62.9	1.006	0.06	0.775	1.054
	LTE Band 38	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	38000	2595	18.76	20.00	1.330	62.9	1.006	0.19	0.765	1.024
	LTE Band 38	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	37850	2580	18.59	20.00	1.384	62.9	1.006	0.04	0.718	0.999
	LTE Band 38	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	38150	2610	18.56	20.00	1.393	62.9	1.006	0.04	0.709	0.994
	LTE Band 38	20M	QPSK	100	0	-	Back	5mm	Ant 1	-	DSI 3	38000	2595	18.52	20.00	1.406	62.9	1.006	0.13	0.712	1.007
	LTE Band 38	20M	QPSK	1	0	-	Front	21mm	Ant 1	-	DSI 4	38000	2595	22.10	23.00	1.230	62.9	1.006	0.01	0.065	0.080
	LTE Band 38	20M	QPSK	1	0	-	Back	22mm	Ant 1	-	DSI 4	38000	2595	22.10	23.00	1.230	62.9	1.006	0.06	0.099	0.123
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	507000	2535	19.13	20.00	1.222	-	-	0.06	0.434	0.530
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	507000	2535	19.12	20.00	1.225	-	-	-0.16	0.519	0.636
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	507000	2535	19.13	20.00	1.222	-	-	-0.13	0.810	0.990
67	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	507000	2535	19.12	20.00	1.225	-	-	-0.05	1.100	1.347
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 0	Headset	DSI 3	507000	2535	19.12	20.00	1.225	-	-	-0.05	0.978	1.198
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	507000	2535	19.08	20.00	1.236	-	-	-0.09	0.860	1.063
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	21mm	Ant 0	-	DSI 4	507000	2535	23.17	24.00	1.211	-	-	0.01	0.111	0.134
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	21mm	Ant 0	-	DSI 4	507000	2535	23.12	24.00	1.225	-	-	0.09	0.126	0.154
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	22mm	Ant 0	-	DSI 4	507000	2535	23.17	24.00	1.211	-	-	0.07	0.165	0.200
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	22mm	Ant 0	-	DSI 4	507000	2535	23.12	24.00	1.225	-	-	0.06	0.186	0.228
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	507000	2535	18.26	19.00	1.186	-	-	0.03	0.495	0.587
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	507000	2535	18.24	19.00	1.191	-	-	-0.15	0.522	0.622
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	507000	2535	18.26	19.00	1.186	-	-	-0.13	0.804	0.953
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	507000	2535	18.24	19.00	1.191	-	-	-0.09	0.891	1.061
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	507000	2535	18.19	19.00	1.205	-	-	-0.17	0.721	0.869
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	21mm	Ant 1	-	DSI 4	507000	2535	23.47	24.00	1.130	-	-	0.01	0.114	0.129
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	21mm	Ant 1	-	DSI 4	507000	2535	23.43	24.00	1.140	-	-	-0.18	0.105	0.120
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	22mm	Ant 1	-	DSI 4	507000	2535	23.47	24.00	1.130	-	-	0.08	0.215	0.243
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	22mm	Ant 1	-	DSI 4	507000	2535	23.43	24.00	1.140	-	-	0.05	0.223	0.254
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Front	5mm	Ant 0	-	DSI 3	518598	2592.99	17.97	19.00	1.268	-	-	-0.04	0.375	0.475
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 0	-	DSI 3	518598	2592.99	17.92	19.00	1.282	-	-	-0.1	0.410	0.526
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 0	-	DSI 3	518598	2592.99	17.97	19.00	1.268	-	-	0.13	0.851	1.079
68	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0	-	DSI 3	518598	2592.99	17.92	19.00	1.282	-	-	-0.09	1.120	1.436
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0	Headset	DSI 3	518598	2592.99	17.92	19.00	1.282	-	-	0.02	1.010	1.295



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	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 0	-	DSI 3	518598	2592.99	17.88	19.00	1.294	-	-	0.06	0.923	1.195
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Front	21mm	Ant 0	-	DSI 4	518598	2592.99	23.01	24.00	1.256	-	-	0.02	0.115	0.144
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	21mm	Ant 0	-	DSI 4	518598	2592.99	22.99	24.00	1.262	-	-	0.02	0.121	0.153
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Back	22mm	Ant 0	-	DSI 4	518598	2592.99	23.01	24.00	1.256	-	-	0.09	0.174	0.219
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	22mm	Ant 0	-	DSI 4	518598	2592.99	22.99	24.00	1.262	-	-	0.02	0.180	0.227
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Front	5mm	Ant 1	-	DSI 3	518598	2592.99	18.32	19.00	1.169	-	-	0.07	0.418	0.489
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 1	-	DSI 3	518598	2592.99	18.18	19.00	1.208	-	-	-0.14	0.569	0.687
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 1	-	DSI 3	518598	2592.99	18.32	19.00	1.169	-	-	0.06	0.703	0.822
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 1	-	DSI 3	518598	2592.99	18.18	19.00	1.208	-	-	-0.08	0.883	1.066
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 1	-	DSI 3	518598	2592.99	18.03	19.00	1.250	-	-	0.16	0.660	0.825
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Front	21mm	Ant 1	-	DSI 4	518598	2592.99	22.41	23.00	1.146	-	-	0.02	0.077	0.088
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	21mm	Ant 1	-	DSI 4	518598	2592.99	22.40	23.00	1.148	-	-	0.04	0.061	0.070
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Back	22mm	Ant 1	-	DSI 4	518598	2592.99	22.41	23.00	1.146	-	-	0.17	0.108	0.124
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	22mm	Ant 1	-	DSI 4	518598	2592.99	22.40	23.00	1.148	-	-	-0.08	0.094	0.108
3500MHz																					
	LTE Band 42	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	42590	3500	16.06	17.00	1.242	62.9	1.006	-0.04	0.227	0.284
	LTE Band 42	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	42590	3500	16.02	17.00	1.253	62.9	1.006	0.06	0.204	0.257
69	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	42590	3500	16.06	17.00	1.242	62.9	1.006	-0.09	0.427	0.533
	LTE Band 42C	20M	QPSK	1	99	-	Back	5mm	Ant 2	-	DSI 3	42590 +42788	3500 +3519.8	16.02	17.00	1.253	62.9	1.006	0.08	0.348	0.439
	LTE Band 42	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	42590	3500	16.02	17.00	1.253	62.9	1.006	0.06	0.371	0.468
	LTE Band 42	20M	QPSK	1	0	-	Front	21mm	Ant 2	-	DSI 4	42590	3500	23.20	24.00	1.202	62.9	1.006	0.03	0.117	0.142
	LTE Band 42	20M	QPSK	1	0	-	Back	22mm	Ant 2	-	DSI 4	42590	3500	23.20	24.00	1.202	62.9	1.006	-0.11	0.190	0.230
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Front	5mm	Ant 2	-	DSI 3	656000	3840	17.11	18.00	1.227	-	-	-0.13	0.370	0.454
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 2	-	DSI 3	656000	3840	17.08	18.00	1.236	-	-	-0.17	0.508	0.628
	FR1 n77 ENDC	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 2	-	DSI 3	656000	3840	14.12	15.00	1.225	-	-	-0.17	0.262	0.321
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 2	-	DSI 3	656000	3840	17.11	18.00	1.227	-	-	0.14	0.571	0.701
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 2	-	DSI 3	656000	3840	17.08	18.00	1.236	-	-	-0.09	0.850	1.051
	FR1 n77 ENDC	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 2	-	DSI 3	656000	3840	14.12	15.00	1.225	-	-	-0.09	0.423	0.518
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 2	-	DSI 3	656000	3840	16.85	18.00	1.303	-	-	0.1	0.536	0.698
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Front	21mm	Ant 2	-	DSI 4	656000	3840	25.91	27.00	1.285	-	-	0.04	0.606	0.779
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	21mm	Ant 2	-	DSI 4	656000	3840	25.90	27.00	1.288	-	-	0.01	0.617	0.795
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Back	22mm	Ant 2	-	DSI 4	656000	3840	25.91	27.00	1.285	-	-	0.15	0.788	1.013
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	22mm	Ant 2	-	DSI 4	656000	3840	25.90	27.00	1.288	-	-	0.03	0.801	1.032
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 3	656000	3840	17.95	18.50	1.135	-	-	0.06	0.389	0.442
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 3	656000	3840	17.80	18.50	1.175	-	-	-0.05	0.609	0.716
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 3	656000	3840	17.95	18.50	1.135	-	-	0.04	0.433	0.491
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 3	656000	3840	17.80	18.50	1.175	-	-	-0.19	0.594	0.698
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Front	21mm	Ant 4	-	DSI 4	656000	3840	23.33	24.00	1.167	-	-	-0.12	0.160	0.187
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	21mm	Ant 4	-	DSI 4	656000	3840	23.21	24.00	1.199	-	-	0.07	0.172	0.206
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Back	22mm	Ant 4	-	DSI 4	656000	3840	23.33	24.00	1.167	-	-	-0.09	0.221	0.258
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	22mm	Ant 4	-	DSI 4	656000	3840	23.21	24.00	1.199	-	-	-0.11	0.245	0.294
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 3	656000	3840	17.98	19.00	1.265	-	-	0.01	0.618	0.782
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 3	656000	3840	17.93	19.00	1.279	-	-	-0.08	0.875	1.119
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 3	656000	3840	17.68	19.00	1.355	-	-	0.16	0.578	0.783
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	656000	3840	17.98	19.00	1.265	-	-	0.02	0.764	0.966
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	656000	3840	17.93	19.00	1.279	-	-	0.15	0.895	1.145
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	656000	3840	17.68	19.00	1.355	-	-	-0.02	0.804	1.090
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Front	21mm	Ant 5	-	DSI 4	656000	3840	22.46	23.50	1.271	-	-	0.16	0.117	0.149
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	21mm	Ant 5	-	DSI 4	656000	3840	22.39	23.50	1.291	-	-	-0.07	0.123	0.159
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Back	22mm	Ant 5	-	DSI 4	656000	3840	22.46	23.50	1.271	-	-	-0.14	0.167	0.212
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	22mm	Ant 5	-	DSI 4	656000	3840	22.39	23.50	1.291	-	-	0.1	0.185	0.239
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Front	5mm	Ant 7	-	DSI 4	656000	3840	21.10	22.00	1.230	-	-	0.08	0.521	0.641
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 7	-	DSI 4	656000	3840	20.99	22.00	1.262	-	-	-0.08	0.773	0.975
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 7	-	DSI 4	656000	3840	20.94	22.00	1.276	-	-	-0.07	0.592	0.756
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 7	-	DSI 4	656000	3840	21.10	22.00	1.230	-	-	-0.12	0.653	0.803
70	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 7	-	DSI 4	656000	3840	20.99	22.00	1.262	-	-	-0.07	0.914	1.153



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	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 7	-	DSI 4	656000	3840	20.94	22.00	1.276	-	-	0.07	0.755	0.964
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 3	650000	3750	18.76	19.50	1.186	-	-	-0.06	0.523	0.620
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 3	650000	3750	18.72	19.50	1.197	-	-	-0.17	0.614	0.735
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 3	650000	3750	18.76	19.50	1.186	-	-	0.02	0.631	0.748
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 3	650000	3750	18.72	19.50	1.197	-	-	-0.05	0.769	0.920
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 3	650000	3750	18.54	19.50	1.247	-	-	0.03	0.684	0.853
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Front	21mm	Ant 4	-	DSI 4	650000	3750	25.20	26.00	1.202	-	-	0.09	0.134	0.161
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	21mm	Ant 4	-	DSI 4	650000	3750	25.15	26.00	1.216	-	-	0.01	0.146	0.178
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Back	22mm	Ant 4	-	DSI 4	650000	3750	25.20	26.00	1.202	-	-	0.06	0.181	0.218
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	22mm	Ant 4	-	DSI 4	650000	3750	25.15	26.00	1.216	-	-	0.06	0.194	0.236
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 3	650000	3750	17.95	19.00	1.274	-	-	0.14	0.521	0.663
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 3	650000	3750	17.92	19.00	1.282	-	-	0.03	0.781	1.002
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 3	650000	3750	17.88	19.00	1.294	-	-	0.03	0.765	0.990
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	650000	3750	17.95	19.00	1.274	-	-	0.04	0.553	0.704
71	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	650000	3750	17.92	19.00	1.282	-	-	-0.08	0.793	1.017
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	650000	3750	17.88	19.00	1.294	-	-	-0.14	0.781	1.011
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Front	21mm	Ant 5	-	DSI 4	650000	3750	23.36	24.50	1.300	-	-	0.08	0.060	0.078
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	21mm	Ant 5	-	DSI 4	650000	3750	23.30	24.50	1.318	-	-	-0.04	0.074	0.098
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Back	22mm	Ant 5	-	DSI 4	650000	3750	23.36	24.50	1.300	-	-	0.07	0.075	0.098
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	22mm	Ant 5	-	DSI 4	650000	3750	23.30	24.50	1.318	-	-	0.09	0.090	0.119

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)
2450MHZ																	
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 6+3(6)	-	Standalone	6	2437	18.01	19.50	1.409	99.47	1.005	0.01	0.464	0.657
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6+3(6)	-	Standalone	6	2437	18.01	19.50	1.409	99.47	1.005	-0.02	0.735	1.041
72	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6+3(6)	-	Standalone	1	2412	18.17	19.50	1.358	99.47	1.005	-0.01	0.918	1.253
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6+3(6)	Headset	Standalone	1	2412	18.17	19.50	1.358	99.47	1.005	0.04	0.882	1.204
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6+3	-	Standalone	11	2462	20.90	22.30	1.380	99.47	1.005	0.04	0.901	1.249
	WLAN2.4GHz	802.11g 6Mbps	Back	5mm	Ant 6+3(3)	-	Standalone	1	2412	17.19	18.50	1.352	99.47	1.005	0.04	0.834	1.133
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 6+3(6)	-	WWAN + non DBS	1	2412	12.12	13.50	1.374	99.47	1.005	0.01	0.108	0.149
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6+3(6)	-	WWAN + non DBS	1	2412	12.12	13.50	1.374	99.47	1.005	0.04	0.218	0.301
	WLAN2.4GHz	802.11b 1Mbps	Front	21mm	Ant 6+3(6)	-	Full power	6	2437	19.47	21.00	1.422	99.47	1.005	0.08	0.056	0.080
	WLAN2.4GHz	802.11b 1Mbps	Back	22mm	Ant 6+3(6)	-	Full power	6	2437	19.47	21.00	1.422	99.47	1.005	0.01	0.091	0.130
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 6	-	Standalone	1	2412	18.17	19.50	1.358	99.47	1.005	0.02	0.236	0.322
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6	-	Standalone	1	2412	18.17	19.50	1.358	99.47	1.005	-0.01	0.557	0.760
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6	-	Standalone	11	2462	18.14	19.50	1.368	99.47	1.005	0.03	0.581	0.799
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6	-	Standalone	6	2437	18.01	19.50	1.409	99.47	1.005	0.01	0.594	0.841
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6	-	DBS Only	6	2437	17.32	19.00	1.472	99.47	1.005	0.01	0.521	0.771
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 6	-	DBS	6	2437	12.02	13.50	1.406	99.47	1.005	-0.02	0.054	0.076
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 6	-	DBS	6	2437	12.02	13.50	1.406	99.47	1.005	0.02	0.151	0.213
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 3	-	Standalone	6	2437	18.11	19.50	1.377	99.47	1.005	-0.01	0.353	0.489
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3	-	Standalone	6	2437	18.11	19.50	1.377	99.47	1.005	0.02	0.596	0.825
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3	-	Standalone	1	2412	17.81	19.00	1.315	96.97	1.031	0.03	0.457	0.620
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3	-	Standalone	11	2462	17.65	19.00	1.365	99.47	1.005	0.01	0.473	0.649
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 3	-	WWAN + non DBS	6	2437	12.21	13.50	1.355	99.47	1.005	0.01	0.086	0.116
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 3	-	WWAN + non DBS	6	2437	12.21	13.50	1.355	99.47	1.005	0.02	0.127	0.172
	WLAN2.4GHz	802.11b 1Mbps	Front	21mm	Ant 3	-	Full power	6	2437	19.56	21.00	1.393	99.47	1.005	0.09	0.051	0.071
	WLAN2.4GHz	802.11b 1Mbps	Back	22mm	Ant 3	-	Full power	6	2437	19.56	21.00	1.393	99.47	1.005	-0.08	0.074	0.104
	Bluetooth	1Mbps	Front	5mm	Ant 6	-	Ful power	39	2441	11.15	12.00	1.215	76.86	1.084	0.06	0.087	0.115
73	Bluetooth	1Mbps	Back	5mm	Ant 6	-	Ful power	39	2441	11.15	12.00	1.215	76.86	1.084	0.03	0.088	0.116
5000MHZ																	
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	5mm	Ant 5+4(4)	-	Standalone	54	5270	15.42	17.00	1.439	93.67	1.068	0.02	0.512	0.787
74	WLAN5.3GHz	802.11n-HT40 MCS0	Back	5mm	Ant 5+4(4)	-	Standalone	54	5270	15.42	17.00	1.439	93.67	1.068	-0.08	0.780	1.199
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	5mm	Ant 5+4(4)	-	Standalone	62	5310	14.14	15.50	1.366	93.67	1.068	0.03	0.612	0.893



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	WLAN5.3GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 5+4(5)	-	WWAN + non DBS	58	5290	10.07	11.50	1.390	88.23	1.133	0.01	0.113	0.178
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 5+4(5)	-	WWAN + non DBS	58	5290	10.07	11.50	1.390	88.23	1.133	0.01	0.198	0.312
	WLAN5.3GHz	802.11n-HT20 MCS0	Front	21mm	Ant 5+4(4)	-	Full power	52	5260	16.70	18.00	1.348	96.77	1.033	0.05	0.069	0.096
	WLAN5.3GHz	802.11n-HT20 MCS0	Back	22mm	Ant 5+4(4)	-	Full power	52	5260	16.70	18.00	1.348	96.77	1.033	0.03	0.054	0.075
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	5mm	Ant 5	-	Standalone	54	5270	15.48	17.00	1.419	93.67	1.068	0.03	0.486	0.737
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	5mm	Ant 5	-	Standalone	54	5270	15.48	17.00	1.419	93.67	1.068	0.05	0.615	0.932
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	5mm	Ant 5	-	DBS Only	62	5310	14.91	16.00	1.285	93.67	1.068	0.01	0.475	0.652
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 5	-	WWAN + non DBS	58	5290	10.07	11.50	1.390	88.23	1.133	0.01	0.091	0.143
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 5	-	WWAN + non DBS	58	5290	10.07	11.50	1.390	88.23	1.133	-0.05	0.146	0.230
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 5	-	WWAN + DBS	58	5290	9.57	11.00	1.390	88.23	1.133	0.05	0.091	0.143
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 5	-	WWAN + DBS	58	5290	9.57	11.00	1.390	88.23	1.133	0.01	0.112	0.176
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	21mm	Ant 5	-	Full power	52	5260	17.56	18.50	1.241	96.77	1.033	0.01	0.067	0.086
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	22mm	Ant 5	-	Full power	52	5260	17.56	18.50	1.241	96.77	1.033	0.06	0.077	0.099
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 5+4(5)	-	Standalone	122	5610	14.51	16.00	1.409	88.23	1.133	0.07	0.502	0.802
75	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 5+4(5)	-	Standalone	122	5610	14.51	16.00	1.409	88.23	1.133	-0.06	0.750	1.198
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 5+4(5)	-	Standalone	138	5690	14.35	16.00	1.462	88.23	1.133	0.06	0.721	1.194
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 5+4	-	WWAN + non DBS	122	5610	12.44	13.50	1.277	88.23	1.133	0.07	0.142	0.205
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 5+4	-	WWAN + non DBS	122	5610	12.44	13.50	1.277	88.23	1.133	0.02	0.201	0.291
	WLAN5.5GHz	802.11n-HT20 MCS0	Front	21mm	Ant 5+4(5)	-	Full power	124	5620	16.95	18.50	1.428	96.77	1.033	0.09	0.044	0.065
	WLAN5.5GHz	802.11n-HT20 MCS0	Back	22mm	Ant 5+4(5)	-	Full power	124	5620	16.95	18.50	1.428	96.77	1.033	0.01	0.121	0.178
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 5	-	Standalone&DBS Only	122	5610	14.51	16.00	1.409	93.29	1.072	0.03	0.361	0.545
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 5	-	Standalone&DBS Only	122	5610	14.51	16.00	1.409	93.29	1.072	-0.01	0.529	0.799
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 5	-	WWAN + non DBS&DBS	122	5610	9.77	10.50	1.183	88.23	1.133	0.07	0.121	0.162
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 5	-	WWAN + non DBS&DBS	122	5610	9.77	10.50	1.183	88.23	1.133	0.08	0.136	0.182
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	21mm	Ant 5	-	Full power	140	5700	17.04	18.50	1.399	96.77	1.033	-0.17	0.063	0.091
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	22mm	Ant 5	-	Full power	140	5700	17.04	18.50	1.399	96.77	1.033	0.03	0.059	0.085
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 5+4(4)	-	Standalone	155	5775	15.84	17.50	1.466	88.23	1.133	0.01	0.365	0.606
76	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 5+4(4)	-	Standalone	155	5775	15.84	17.50	1.466	88.23	1.133	-0.03	0.717	1.191
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 5+4(4)	-	WWAN + non DBS	155	5775	10.85	12.50	1.462	88.23	1.133	0.02	0.168	0.278
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 5+4(4)	-	WWAN + non DBS	155	5775	10.85	12.50	1.462	88.23	1.133	0.01	0.187	0.310
	WLAN5.8GHz	802.11a 6Mbps	Front	21mm	Ant 5+4(5)	-	Full power	157	5785	18.24	20.00	1.498	96.97	1.031	0.08	0.123	0.190
	WLAN5.8GHz	802.11a 6Mbps	Back	22mm	Ant 5+4(5)	-	Full power	157	5785	18.24	20.00	1.498	96.97	1.031	-0.07	0.130	0.201
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 5	-	Standalone	155	5775	15.70	17.00	1.349	88.23	1.133	0.01	0.407	0.622
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 5	-	Standalone&DBS Only	155	5775	15.70	17.00	1.349	88.23	1.133	0.05	0.450	0.688
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 5	-	WWAN + non DBS	155	5775	10.61	12.00	1.377	88.23	1.133	0.07	0.121	0.189
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 5	-	WWAN + non DBS	155	5775	10.61	12.00	1.377	88.23	1.133	0.01	0.159	0.249
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 5	-	WWAN + DBS	155	5775	10.41	11.50	1.285	88.23	1.133	-0.03	0.114	0.166
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 5	-	WWAN + DBS	155	5775	10.41	11.50	1.285	88.23	1.133	0.04	0.120	0.175
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	21mm	Ant 5	-	Full power	157	5785	18.24	20.00	1.498	96.97	1.031	0.03	0.058	0.090
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	22mm	Ant 5	-	Full power	157	5785	18.24	20.00	1.498	96.97	1.031	0.02	0.073	0.113



15.4 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	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
850MHz																		
98	LTE Band 13	10M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6	23230	782	22.60	24.00	1.380	-0.14	0.772	1.066
	LTE Band 13	10M	QPSK	25	0	-	Back	0mm	Ant 0	DSI 6	23230	782	21.65	23.00	1.365	0.01	0.505	0.689
	LTE Band 13	10M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6	23230	782	21.64	23.00	1.368	0.01	0.510	0.698
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	0mm	Ant 0	DSI 6	189	836.4	28.21	29.50	1.346	0.09	1.71	2.301
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	0mm	Ant 0	DSI 6	128	824.2	27.96	29.50	1.426	0.02	1.51	2.153
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	0mm	Ant 0	DSI 6	251	848.8	28.13	29.50	1.371	-0.01	1.49	2.043
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	0mm	Ant 0	DSI 6	189	836.4	28.21	29.50	1.346	-0.1	1.61	2.167
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	0mm	Ant 0	DSI 6	128	824.2	27.96	29.50	1.426	0.03	1.32	1.882
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	0mm	Ant 0	DSI 6	251	848.8	28.13	29.50	1.371	0.05	1.29	1.768
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	0mm	Ant 0	DSI 6	189	836.4	28.21	29.50	1.346	0.02	0.968	1.303
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	0mm	Ant 1	DSI 6	189	836.4	26.58	27.50	1.236	0.12	1.570	1.940
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Top Side	0mm	Ant 1	DSI 6	189	836.4	26.58	27.50	1.236	-0.14	1.860	2.299
77	GSM850	-	-	-	-	GPRS (4 Tx slots)	Top Side	0mm	Ant 1	DSI 6	128	824.2	26.46	27.50	1.271	-0.04	1.950	2.478
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Top Side	0mm	Ant 1	DSI 6	251	848.8	26.44	27.50	1.276	0.08	1.530	1.953
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	14mm	Ant 1	DSI 4	189	836.4	28.55	29.50	1.245	0.03	0.132	0.164
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Top Side	12mm	Ant 1	DSI 4	189	836.4	28.55	29.50	1.245	0.01	0.211	0.263
78	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6	4182	836.4	22.68	24.00	1.355	-0.02	1.03	1.396
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6	4132	826.4	22.36	24.00	1.459	0.07	0.943	1.376
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6	4233	846.6	22.48	24.00	1.419	0.01	0.947	1.344
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	25mm	Ant 0	DSI 4	4182	836.4	23.38	25.00	1.452	0.01	0.041	0.060
79	LTE Band 26	15M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6	26865	831.5	22.75	24.00	1.334	0.02	1.15	1.534
	LTE Band 26	15M	QPSK	36	0	-	Back	0mm	Ant 0	DSI 6	26865	831.5	22.71	23.00	1.069	0.01	0.869	0.929
1750MHz																		
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 0	DSI 6	1413	1732.6	20.71	22.50	1.510	-0.08	2.200	3.322
80	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 0	DSI 6	1312	1712.4	20.63	22.50	1.538	0.01	2.290	3.522
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 0	DSI 6	1513	1752.6	20.57	22.50	1.560	0.11	2.150	3.353
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6	1413	1732.6	20.71	22.50	1.510	-0.06	1.910	2.884
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6	1312	1712.4	20.63	22.50	1.538	0.13	2.140	3.292
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6	1513	1752.6	20.57	22.50	1.560	0.04	1.830	2.854
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 0	DSI 6	1413	1732.6	20.71	22.50	1.510	0.07	0.622	0.939
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	19mm	Ant 0	DSI 4	1413	1732.6	23.27	25.00	1.489	0.04	0.077	0.115
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	25mm	Ant 0	DSI 4	1413	1732.6	23.27	25.00	1.489	0.03	0.053	0.079
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	31mm	Ant 0	DSI 4	1413	1732.6	23.27	25.00	1.489	0.07	0.052	0.077
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 1	DSI 6	1413	1732.6	21.94	23.00	1.276	0.05	1.490	1.902
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 1	DSI 6	1413	1732.6	21.94	23.00	1.276	-0.17	1.940	2.476
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 1	DSI 6	1312	1712.4	21.72	23.00	1.343	0.14	1.820	2.444
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 1	DSI 6	1513	1752.6	21.75	23.00	1.334	0.16	1.830	2.440
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 1	DSI 6	1413	1732.6	21.94	23.00	1.276	-0.18	1.780	2.272
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 1	DSI 6	1312	1712.4	21.72	23.00	1.343	0.04	1.800	2.417
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 1	DSI 6	1513	1752.6	21.75	23.00	1.334	0.03	1.830	2.440
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	9mm	Ant 1	DSI 4	1413	1732.6	22.88	24.00	1.294	0.03	0.399	0.516
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	14mm	Ant 1	DSI 4	1413	1732.6	22.88	24.00	1.294	0.08	0.342	0.443
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	12mm	Ant 1	DSI 4	1413	1732.6	22.88	24.00	1.294	0.17	0.368	0.476
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 0	DSI 6	132322	1745	20.61	22.00	1.377	0.01	2.450	3.374
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 0	DSI 6	132072	1720	20.51	22.00	1.409	0.03	2.440	3.439
81	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 0	DSI 6	132572	1770	20.46	22.00	1.426	0.01	2.470	3.521
	LTE Band 66	20M	QPSK	50	0	-	Front	0mm	Ant 0	DSI 6	132322	1745	20.47	22.00	1.422	-0.09	2.110	3.001
	LTE Band 66	20M	QPSK	50	0	-	Front	0mm	Ant 0	DSI 6	132072	1720	20.35	22.00	1.462	0.03	2.030	2.968
	LTE Band 66	20M	QPSK	50	0	-	Front	0mm	Ant 0	DSI 6	132572	1770	20.32	22.00	1.472	0.08	2.210	3.254
	LTE Band 66	20M	QPSK	100	0	-	Front	0mm	Ant 0	DSI 6	132322	1745	20.35	22.00	1.462	0.04	2.080	3.041
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6	132322	1745	20.61	22.00	1.377	0.01	2.090	2.878



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	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6	132072	1720	20.51	22.00	1.409	0.14	2.340	3.298
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6	132572	1770	20.46	22.00	1.426	0.08	2.040	2.908
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6	132322	1745	20.47	22.00	1.422	-0.14	2.130	3.030
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6	132072	1720	20.35	22.00	1.462	0.15	2.170	3.173
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6	132572	1770	20.32	22.00	1.472	0.05	2.080	3.062
	LTE Band 66	20M	QPSK	100	0	-	Back	0mm	Ant 0	DSI 6	132322	1745	20.35	22.00	1.462	0.01	2.110	3.085
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 6	132322	1745	20.61	22.00	1.377	0.06	0.682	0.939
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 6	132322	1745	20.47	22.00	1.422	-0.07	0.631	0.897
	LTE Band 66	20M	QPSK	1	0	-	Front	19mm	Ant 0	DSI 4	132322	1745	22.65	24.00	1.365	0.07	0.319	0.435
	LTE Band 66	20M	QPSK	1	0	-	Back	25mm	Ant 0	DSI 4	132322	1745	22.65	24.00	1.365	0.04	0.071	0.097
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	31mm	Ant 0	DSI 4	132322	1745	22.65	24.00	1.365	0.03	0.070	0.096
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 1	DSI 6	132322	1745	21.29	22.00	1.178	0.02	1.420	1.672
	LTE Band 66	20M	QPSK	50	0	-	Front	0mm	Ant 1	DSI 6	132322	1745	21.17	22.00	1.211	0.01	1.210	1.465
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSI 6	132322	1745	21.29	22.00	1.178	0.12	1.910	2.249
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSI 6	132072	1720	21.01	22.00	1.256	-0.01	1.820	2.286
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSI 6	132572	1770	21.18	22.00	1.208	-0.09	1.920	2.319
	LTE Band 66 Other PA	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSI 6	132572	1770	21.90	23.00	1.288	0.05	1.770	2.280
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSI 6	132322	1745	20.87	22.00	1.297	0.02	1.470	1.907
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSI 6	132072	1720	20.68	22.00	1.355	0.02	1.390	1.884
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSI 6	132572	1770	20.76	22.00	1.330	-0.01	1.520	2.022
	LTE Band 66	20M	QPSK	100	0	-	Back	0mm	Ant 1	DSI 6	132322	1745	20.68	22.00	1.355	0.17	1.500	2.033
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	DSI 6	132322	1745	20.99	22.00	1.262	0.04	1.720	2.170
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	DSI 6	132072	1720	20.71	22.00	1.346	0.04	1.600	2.153
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	DSI 6	132572	1770	20.88	22.00	1.294	0.13	1.850	2.394
	LTE Band 66	20M	QPSK	50	0	-	Top Side	0mm	Ant 1	DSI 6	132322	1745	20.87	22.00	1.297	0.15	1.590	2.063
	LTE Band 66	20M	QPSK	50	0	-	Top Side	0mm	Ant 1	DSI 6	132072	1720	20.68	22.00	1.355	0.04	1.310	1.775
	LTE Band 66	20M	QPSK	50	0	-	Top Side	0mm	Ant 1	DSI 6	132572	1770	20.76	22.00	1.330	0.08	1.370	1.823
	LTE Band 66	20M	QPSK	100	0	-	Top Side	0mm	Ant 1	DSI 6	132322	1745	20.68	22.00	1.355	0.08	1.470	1.992
	LTE Band 66	20M	QPSK	1	0	-	Front	9mm	Ant 1	DSI 4	132322	1745	22.14	23.00	1.219	0.09	0.402	0.490
	LTE Band 66	20M	QPSK	1	0	-	Back	14mm	Ant 1	DSI 4	132322	1745	22.14	23.00	1.219	0.01	0.355	0.433
	LTE Band 66	20M	QPSK	1	0	-	Top Side	12mm	Ant 1	DSI 4	132322	1745	22.14	23.00	1.219	0.06	0.377	0.460
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 0	DSI 6	349000	1745	21.08	22.50	1.387	0.03	2.36	3.273
82	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	0mm	Ant 0	DSI 6	349000	1745	21.01	22.50	1.409	-0.07	2.45	3.453
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Front	0mm	Ant 0	DSI 6	349000	1745	20.94	22.50	1.432	0.06	2.12	3.036
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 0	DSI 6	349000	1745	21.08	22.50	1.387	0.11	2.13	2.954
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	0mm	Ant 0	DSI 6	349000	1745	21.01	22.50	1.409	-0.04	2.25	3.171
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Back	0mm	Ant 0	DSI 6	349000	1745	20.94	22.50	1.432	0.07	2.20	3.151
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI 6	349000	1745	21.08	22.50	1.387	0.17	0.648	0.899
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI 6	349000	1745	21.01	22.50	1.409	0.06	0.657	0.926
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	19mm	Ant 0	DSI 4	349000	1745	22.50	24.00	1.413	0.12	0.174	0.246
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	19mm	Ant 0	DSI 4	349000	1745	22.50	24.00	1.413	0.02	0.212	0.299
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	25mm	Ant 0	DSI 4	349000	1745	22.50	24.00	1.413	0.07	0.131	0.185
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	25mm	Ant 0	DSI 4	349000	1745	22.50	24.00	1.413	-0.06	0.145	0.205
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	31mm	Ant 0	DSI 4	349000	1745	22.50	24.00	1.413	0.02	0.143	0.202
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	31mm	Ant 0	DSI 4	349000	1745	22.50	24.00	1.413	-0.16	0.157	0.222
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 1	DSI 6	349000	1745	22.36	23.50	1.300	-0.15	1.87	2.431
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	0mm	Ant 1	DSI 6	349000	1745	22.33	23.50	1.309	0.06	1.94	2.540
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Back	0mm	Ant 1	DSI 6	349000	1745	21.77	23.00	1.327	0.06	1.68	2.230
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 1	DSI 6	349000	1745	22.36	23.50	1.300	-0.17	1.79	2.327
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	0mm	Ant 1	DSI 6	349000	1745	22.33	23.50	1.309	0.09	1.98	2.592
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Top Side	0mm	Ant 1	DSI 6	349000	1745	21.77	23.00	1.327	-0.06	1.74	2.310
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	14mm	Ant 1	DSI 4	349000	1745	22.90	24.00	1.288	-0.15	0.377	0.486
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	14mm	Ant 1	DSI 4	349000	1745	22.81	24.00	1.315	0.06	0.382	0.502
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	12mm	Ant 1	DSI 4	349000	1745	22.90	24.00	1.288	-0.17	0.395	0.509
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	12mm	Ant 1	DSI 4	349000	1745	22.81	24.00	1.315	0.09	0.417	0.548
1900MHz																		



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83	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	0mm	Ant 0	DSI 6	661	1880	22.30	23.00	1.175	0.01	2.840	3.337
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	0mm	Ant 0	DSI 6	512	1850.2	22.24	23.00	1.191	-0.05	2.730	3.252
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	0mm	Ant 0	DSI 6	810	1909.8	22.22	23.00	1.197	0.09	2.780	3.327
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	0mm	Ant 0	DSI 6	661	1880	22.30	23.00	1.175	-0.02	2.550	2.996
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	0mm	Ant 0	DSI 6	512	1850.2	22.24	23.00	1.191	0.12	2.600	3.097
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	0mm	Ant 0	DSI 6	810	1909.8	22.22	23.00	1.197	0.04	2.060	2.465
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	0mm	Ant 0	DSI 6	661	1880	22.30	23.00	1.175	-0.19	1.240	1.457
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	19mm	Ant 0	DSI 4	661	1880	25.62	26.50	1.225	-0.15	0.265	0.325
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	25mm	Ant 0	DSI 4	661	1880	25.62	26.50	1.225	0.04	0.209	0.256
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	31mm	Ant 0	DSI 4	661	1880	25.62	26.50	1.225	-0.04	0.207	0.253
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	0mm	Ant 1	DSI 6	661	1880	21.50	22.50	1.259	-0.09	1.53	1.926
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Top Side	0mm	Ant 1	DSI 6	661	1880	21.50	22.50	1.259	-0.12	2.08	2.619
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Top Side	0mm	Ant 1	DSI 6	512	1850.2	21.42	22.50	1.282	0.07	2.13	2.731
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Top Side	0mm	Ant 1	DSI 6	810	1909.8	21.46	22.50	1.271	0.07	2.01	2.554
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	14mm	Ant 1	DSI 4	661	1880	25.54	26.50	1.247	0.06	0.428	0.534
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Top Side	12mm	Ant 1	DSI 4	661	1880	25.54	26.50	1.247	0.02	0.491	0.612
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 0	DSI 6	9400	1880	20.26	22.00	1.493	-0.14	2.100	3.135
84	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 0	DSI 6	9262	1852.4	20.11	22.00	1.545	0.01	2.120	3.276
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 0	DSI 6	9538	1907.6	20.08	22.00	1.556	0.13	2.000	3.112
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6	9400	1880	20.26	22.00	1.493	-0.05	1.890	2.821
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6	9262	1852.4	20.11	22.00	1.545	0.09	1.960	3.029
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6	9538	1907.6	20.08	22.00	1.556	0.01	1.720	2.676
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 0	DSI 6	9400	1880	20.26	22.00	1.493	0.01	1.220	1.821
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	19mm	Ant 0	DSI 4	9400	1880	23.35	25.00	1.462	-0.05	0.077	0.113
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	25mm	Ant 0	DSI 4	9400	1880	23.35	25.00	1.462	-0.19	0.054	0.079
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	31mm	Ant 0	DSI 4	9400	1880	23.35	25.00	1.462	-0.18	0.077	0.113
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 1	DSI 6	9400	1880	21.01	22.00	1.256	0.08	2.070	2.600
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 1	DSI 6	9262	1852.4	20.95	22.00	1.274	0.1	1.910	2.432
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 1	DSI 6	9538	1907.6	20.98	22.00	1.265	-0.17	2.010	2.542
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 1	DSI 6	9400	1880	21.01	22.00	1.256	0.01	2.160	2.713
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 1	DSI 6	9262	1852.4	20.95	22.00	1.274	0.06	2.100	2.674
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 1	DSI 6	9538	1907.6	20.98	22.00	1.265	-0.03	2.110	2.669
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	14mm	Ant 1	DSI 4	9400	1880	23.15	24.00	1.216	-0.14	0.318	0.387
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	12mm	Ant 1	DSI 4	9400	1880	23.15	24.00	1.216	-0.18	0.370	0.450
	LTE Band 2	20M	QPSK	1	0	-	Front	0mm	Ant 0	DSI 6	18900	1880	20.97	22.00	1.268	0.04	2.530	3.207
85	LTE Band 2	20M	QPSK	1	0	-	Front	0mm	Ant 0	DSI 6	18700	1860	20.91	22.00	1.285	0.01	2.550	3.277
	LTE Band 2	20M	QPSK	1	0	-	Front	0mm	Ant 0	DSI 6	19100	1900	20.87	22.00	1.297	0.1	2.360	3.061
	LTE Band 2	20M	QPSK	50	0	-	Front	0mm	Ant 0	DSI 6	18900	1880	20.78	22.00	1.324	-0.09	2.280	3.019
	LTE Band 2	20M	QPSK	50	0	-	Front	0mm	Ant 0	DSI 6	18700	1860	20.71	22.00	1.346	0.08	2.310	3.109
	LTE Band 2	20M	QPSK	50	0	-	Front	0mm	Ant 0	DSI 6	19100	1900	20.74	22.00	1.337	0.07	2.210	2.954
	LTE Band 2	20M	QPSK	100	0	-	Front	0mm	Ant 0	DSI 6	18900	1880	20.73	22.00	1.340	-0.09	2.310	3.095
	LTE Band 2	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6	18900	1880	20.97	22.00	1.268	-0.08	2.250	2.852
	LTE Band 2	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6	18700	1860	20.91	22.00	1.285	0.06	2.320	2.982
	LTE Band 2	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6	19100	1900	20.87	22.00	1.297	0.03	2.040	2.646
	LTE Band 2	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6	18900	1880	20.78	22.00	1.324	0.07	2.120	2.808
	LTE Band 2	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6	18700	1860	20.71	22.00	1.346	0.1	2.170	2.921
	LTE Band 2	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6	19100	1900	20.74	22.00	1.337	-0.04	2.210	2.954
	LTE Band 2	20M	QPSK	100	0	-	Back	0mm	Ant 0	DSI 6	18900	1880	20.73	22.00	1.340	0.05	2.180	2.920
	LTE Band 2	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 6	18900	1880	20.97	22.00	1.268	0.06	1.280	1.623
	LTE Band 2	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 6	18900	1880	20.78	22.00	1.324	-0.18	1.110	1.470
	LTE Band 2	20M	QPSK	1	0	-	Front	19mm	Ant 0	DSI 4	18900	1880	22.58	24.00	1.387	0.11	0.078	0.108
	LTE Band 2	20M	QPSK	1	0	-	Back	25mm	Ant 0	DSI 4	18900	1880	22.58	24.00	1.387	0.19	0.053	0.073
	LTE Band 2	20M	QPSK	1	0	-	Bottom Side	31mm	Ant 0	DSI 4	18900	1880	22.58	24.00	1.387	0.03	0.176	0.244
	LTE Band 2	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSI 6	18900	1880	20.11	21.00	1.227	0.08	1.530	1.878
	LTE Band 2	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSI 6	18900	1880	20.06	21.00	1.242	-0.11	1.450	1.800
	LTE Band 2	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	DSI 6	18900	1880	20.11	21.00	1.227	0.03	2.046	2.511



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	LTE Band 2 Othher PA	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	DSI 6	18900	1880	21.11	22.00	1.227	0.05	1.910	2.344
	LTE Band 2	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	DSI 6	18700	1860	20.02	21.00	1.253	0.05	2.000	2.506
	LTE Band 2	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	DSI 6	19100	1900	20.03	21.00	1.250	0.08	1.950	2.438
	LTE Band 2	20M	QPSK	50	0	-	Top Side	0mm	Ant 1	DSI 6	18900	1880	20.06	21.00	1.242	0.02	1.940	2.409
	LTE Band 2	20M	QPSK	50	0	-	Top Side	0mm	Ant 1	DSI 6	18700	1860	20.02	21.00	1.253	0.02	1.960	2.456
	LTE Band 2	20M	QPSK	50	0	-	Top Side	0mm	Ant 1	DSI 6	19100	1900	20.02	21.00	1.253	-0.08	1.860	2.331
	LTE Band 2	20M	QPSK	100	0	-	Top Side	0mm	Ant 1	DSI 6	18900	1880	19.98	21.00	1.265	-0.08	1.820	2.302
	LTE Band 2	20M	QPSK	1	0	-	Back	14mm	Ant 1	DSI 4	18900	1880	22.07	23.00	1.239	-0.17	0.209	0.259
	LTE Band 2	20M	QPSK	1	0	-	Top Side	12mm	Ant 1	DSI 4	18900	1880	22.07	23.00	1.239	0.03	0.436	0.540
86	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 0	DSI 6	376000	1880	21.91	23.00	1.285	0.03	2.530	3.252
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 0	DSI 6	372000	1860	21.82	23.00	1.312	0.09	2.150	2.821
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 0	DSI 6	380000	1900	21.85	23.00	1.303	0.08	2.210	2.880
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	0mm	Ant 0	DSI 6	376000	1880	21.86	23.00	1.300	0.07	2.360	3.068
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	0mm	Ant 0	DSI 6	372000	1860	21.79	23.00	1.321	0.08	2.110	2.788
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	0mm	Ant 0	DSI 6	380000	1900	21.80	23.00	1.318	0.07	2.130	2.808
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Front	0mm	Ant 0	DSI 6	376000	1880	21.80	23.00	1.318	0.02	1.920	2.531
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 0	DSI 6	376000	1880	21.91	23.00	1.285	-0.13	2.330	2.995
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 0	DSI 6	372000	1860	21.82	23.00	1.312	0.01	2.050	2.690
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 0	DSI 6	380000	1900	21.85	23.00	1.303	-0.07	2.060	2.685
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	0mm	Ant 0	DSI 6	376000	1880	21.86	23.00	1.300	0.04	2.180	2.834
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	0mm	Ant 0	DSI 6	372000	1860	21.79	23.00	1.321	0.06	1.980	2.616
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	0mm	Ant 0	DSI 6	380000	1900	21.80	23.00	1.318	-0.15	1.910	2.518
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Back	0mm	Ant 0	DSI 6	376000	1880	21.80	23.00	1.318	0.06	1.910	2.518
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI 6	376000	1880	21.91	23.00	1.285	-0.17	1.470	1.889
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI 6	376000	1880	21.86	23.00	1.300	0.02	1.340	1.742
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	19mm	Ant 0	DSI 4	376000	1880	22.77	24.00	1.327	0.04	0.163	0.216
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	25mm	Ant 0	DSI 4	376000	1880	22.77	24.00	1.327	0.15	0.119	0.158
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	31mm	Ant 0	DSI 4	376000	1880	22.77	24.00	1.327	0.04	0.151	0.200
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 1	DSI 6	376000	1880	21.27	22.00	1.183	0.04	1.540	1.822
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	0mm	Ant 1	DSI 6	376000	1880	21.22	22.00	1.197	0.08	1.560	1.867
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 1	DSI 6	376000	1880	21.27	22.00	1.183	0.08	2.080	2.461
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 1	DSI 6	372000	1860	21.21	22.00	1.199	0.05	1.910	2.291
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 1	DSI 6	380000	1900	21.19	22.00	1.205	0.01	1.880	2.265
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Top Side	0mm	Ant 1	DSI 6	376000	1880	21.22	22.00	1.197	-0.12	2.120	2.537
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Top Side	0mm	Ant 1	DSI 6	372000	1860	21.07	22.00	1.239	0.05	1.920	2.378
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Top Side	0mm	Ant 1	DSI 6	380000	1900	21.20	22.00	1.202	0.08	1.890	2.272
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Top Side	0mm	Ant 1	DSI 6	376000	1880	21.18	22.00	1.208	-0.1	1.910	2.307
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	14mm	Ant 1	DSI 4	376000	1880	22.30	23.00	1.175	-0.04	0.184	0.216
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	14mm	Ant 1	DSI 4	376000	1880	22.26	23.00	1.186	-0.06	0.195	0.231
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Top Side	12mm	Ant 1	DSI 4	376000	1880	22.30	23.00	1.175	0.03	0.267	0.314
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Top Side	12mm	Ant 1	DSI 4	376000	1880	22.26	23.00	1.186	0.03	0.284	0.337
2600MHz																		
	LTE Band 7	20M	QPSK	1	0	-	Front	0mm	Ant 0	DSI 6	21100	2535	17.55	18.50	1.245	0.08	0.770	0.958
	LTE Band 7	20M	QPSK	50	0	-	Front	0mm	Ant 0	DSI 6	21100	2535	17.52	18.50	1.253	0.11	0.719	0.901
87	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6	21100	2535	17.55	18.50	1.245	0.01	1.110	1.381
	LTE Band 7C	20M	QPSK	1	99	-	Back	0mm	Ant 0	DSI 6	21100+21298	2535+2554.8	17.34	18.50	1.306	0.07	1.020	1.332
	LTE Band 7	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6	21100	2535	17.52	18.50	1.253	-0.14	0.893	1.119
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 6	21100	2535	17.55	18.50	1.245	0.04	0.414	0.515
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 6	21100	2535	17.52	18.50	1.253	0.08	0.330	0.414
	LTE Band 7	20M	QPSK	1	0	-	Front	19mm	Ant 0	DSI 4	21100	2535	23.09	24.00	1.233	0.07	0.085	0.105
	LTE Band 7	20M	QPSK	1	0	-	Back	25mm	Ant 0	DSI 4	21100	2535	23.09	24.00	1.233	0.11	0.087	0.107
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	31mm	Ant 0	DSI 4	21100	2535	23.09	24.00	1.233	0.03	0.079	0.097



Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor			Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
2600MHz																			
	LTE Band 41	20M	QPSK	1	0	Front	0mm	Ant 0	DSI 6	40620	2593	17.66	19.00	1.361	62.9	1.006	0.12	0.519	0.711
	LTE Band 41	20M	QPSK	50	0	Front	0mm	Ant 0	DSI 6	40620	2593	17.54	19.00	1.400	62.9	1.006	-0.11	0.495	0.697
88	LTE Band 41	20M	QPSK	1	0	Back	0mm	Ant 0	DSI 6	40620	2593	17.66	19.00	1.361	62.9	1.006	-0.08	0.794	1.087
	LTE Band 41C	20M	QPSK	1	99	Back	0mm	Ant 0	DSI 6	40620+40818	2593+2612.8	17.27	19.00	1.489	62.9	1.006	0.09	0.715	1.071
	LTE Band 41	20M	QPSK	50	0	Back	0mm	Ant 0	DSI 6	40620	2593	17.54	19.00	1.400	62.9	1.006	0.16	0.729	1.026
	LTE Band 41	20M	QPSK	1	0	Bottom Side	0mm	Ant 0	DSI 6	40620	2593	17.66	19.00	1.361	62.9	1.006	0.02	0.282	0.386
	LTE Band 41	20M	QPSK	50	0	Bottom Side	0mm	Ant 0	DSI 6	40620	2593	17.54	19.00	1.400	62.9	1.006	0.12	0.274	0.386
	LTE Band 41	20M	QPSK	1	0	Front	19mm	Ant 0	DSI 4	40620	2593	22.84	24.00	1.306	62.9	1.006	0.09	0.061	0.080
	LTE Band 41	20M	QPSK	1	0	Back	25mm	Ant 0	DSI 4	40620	2593	22.84	24.00	1.306	62.9	1.006	0.02	0.065	0.085
	LTE Band 41	20M	QPSK	1	0	Bottom Side	31mm	Ant 0	DSI 4	40620	2593	22.84	24.00	1.306	62.9	1.006	0.08	0.051	0.067

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	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
2600MHz																		
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 0	DSI 6	507000	2535	19.13	20.00	1.222	0.06	0.798	0.975
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	0mm	Ant 0	DSI 6	507000	2535	19.12	20.00	1.225	0.02	0.758	0.928
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 0	DSI 6	507000	2535	19.13	20.00	1.222	-0.08	1.220	1.491
89	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	0mm	Ant 0	DSI 6	507000	2535	19.12	20.00	1.225	0.04	1.260	1.543
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI 6	507000	2535	19.13	20.00	1.222	-0.02	0.465	0.568
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI 6	507000	2535	19.12	20.00	1.225	-0.08	0.429	0.525
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	19mm	Ant 0	DSI 4	507000	2535	23.17	24.00	1.211	0.08	0.161	0.195
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	25mm	Ant 0	DSI 4	507000	2535	23.17	24.00	1.211	0.08	0.074	0.090
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	25mm	Ant 0	DSI 4	507000	2535	23.12	24.00	1.225	0.02	0.081	0.099
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	31mm	Ant 0	DSI 4	507000	2535	23.17	24.00	1.211	0.06	0.115	0.139
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 1	DSI 6	507000	2535	18.26	19.00	1.186	-0.08	1.300	1.541
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Top Side	0mm	Ant 1	DSI 6	507000	2535	18.24	19.00	1.191	-0.11	1.270	1.513
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Top Side	12mm	Ant 1	DSI 4	507000	2535	23.47	24.00	1.130	-0.03	0.336	0.380
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Front	0mm	Ant 0	DSI 6	518598	2592.99	17.97	19.00	1.268	0.03	0.629	0.797
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 0	DSI 6	518598	2592.99	17.92	19.00	1.282	-0.17	0.662	0.849
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Back	0mm	Ant 0	DSI 6	518598	2592.99	17.97	19.00	1.268	0.02	1.040	1.318
90	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 0	DSI 6	518598	2592.99	17.92	19.00	1.282	0.04	1.270	1.629
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Bottom Side	0mm	Ant 0	DSI 6	518598	2592.99	17.97	19.00	1.268	-0.03	0.362	0.459
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	0mm	Ant 0	DSI 6	518598	2592.99	17.92	19.00	1.282	0.07	0.356	0.457
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Front	19mm	Ant 0	DSI 4	518598	2592.99	23.01	24.00	1.256	0.07	0.075	0.094
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	19mm	Ant 0	DSI 4	518598	2592.99	22.99	24.00	1.262	0.07	0.065	0.082
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Back	25mm	Ant 0	DSI 4	518598	2592.99	23.01	24.00	1.256	0.18	0.076	0.095
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	25mm	Ant 0	DSI 4	518598	2592.99	22.99	24.00	1.262	0.04	0.087	0.110
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Bottom Side	31mm	Ant 0	DSI 4	518598	2592.99	23.01	24.00	1.256	0.06	0.076	0.095
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Top Side	0mm	Ant 1	DSI 6	518598	2592.99	18.32	19.00	1.169	0.05	1.100	1.286
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 1	DSI 6	518598	2592.99	18.18	19.00	1.208	-0.02	1.280	1.546
	FR1 n41	100M	QPSK	1	137	DFT-SCS-30KHz	Top Side	12mm	Ant 1	DSI 4	518598	2592.99	22.41	23.00	1.146	0.09	0.268	0.307
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	12mm	Ant 1	DSI 4	518598	2592.99	22.40	23.00	1.148	0.02	0.254	0.292



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	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
3500MHz																		
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Left Side	0mm	Ant 2	DSI 6	656000	3840	17.11	18.00	1.227	-0.12	0.946	1.161
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 2	DSI 6	656000	3840	17.08	18.00	1.236	0.03	1.210	1.495
91	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Left Side	10mm	Ant 2	DSI 4	656000	3840	25.91	27.00	1.285	0.04	1.410	1.812
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 2	DSI 4	656000	3840	25.90	27.00	1.288	0.14	1.350	1.739
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Back	0mm	Ant 7	DSI 6	656000	3840	21.10	22.00	1.230	0.06	0.926	1.139
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 7	DSI 6	656000	3840	20.99	22.00	1.262	0.01	1.310	1.653
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Left Side	0mm	Ant 7	DSI 6	656000	3840	21.10	22.00	1.230	0.03	1.150	1.415
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 7	DSI 6	656000	3840	20.99	22.00	1.262	-0.02	1.140	1.438
	FR1 n77	100M	QPSK	1	137	DFT-SCS-30KHz	Bottom Side	0mm	Ant 7	DSI 6	656000	3840	21.10	22.00	1.230	0.06	0.334	0.411
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	0mm	Ant 7	DSI 6	656000	3840	20.99	22.00	1.262	-0.17	0.468	0.591
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Top Side	0mm	Ant 4	DSI 6	650000	3750	18.76	19.50	1.186	0.05	1.000	1.186
92	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 4	DSI 6	650000	3750	18.72	19.50	1.197	0.07	1.220	1.460
	FR1 n78	100M	QPSK	1	137	DFT-SCS-30KHz	Top Side	20mm	Ant 4	DSI 4	650000	3750	25.20	26.00	1.202	0.18	0.112	0.135
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	20mm	Ant 4	DSI 4	650000	3750	25.15	26.00	1.216	0.03	0.134	0.163



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)
2450MHZ																
93	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6+3 (6)	Full power	6	2437	19.47	21.00	1.422	99.47	1.005	-0.08	0.774	1.106
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 6+3 (6)	Full power	6	2437	19.47	21.00	1.422	99.47	1.005	0.07	1.00	1.429
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 6+3 (6)	Full power	6	2437	19.47	21.00	1.422	99.47	1.005	0.05	2.43	3.474
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 6+3	Full power	1	2412	22.40	23.80	1.382	99.47	1.005	-0.02	1.76	2.444
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 6+3	Full power	11	2462	22.31	23.80	1.409	99.47	1.005	0.01	1.57	2.223
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 6+3 (6)	WWAN + non DBS	6	2437	15.48	17.00	1.419	99.47	1.005	0.04	0.368	0.525
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 6+3 (6)	WWAN + non DBS	6	2437	15.48	17.00	1.419	99.47	1.005	0.07	0.686	0.978
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 6+3 (6)	WWAN + non DBS	6	2437	15.48	17.00	1.419	99.47	1.005	0.01	0.748	1.067
	WLAN2.4GHz	802.11g 6Mbps	Top Side	0mm	Ant 6+3 (6)	Full power	6	2437	18.79	20.50	1.483	96.97	1.031	0.12	2.12	3.240
	WLAN2.4GHz	802.11n-HT20 MCS0	Top Side	0mm	Ant 6+3 (6)	Full power	6	2437	18.47	20.00	1.422	96.77	1.033	-0.01	1.91	2.806
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 6+3 (6)	Full power	6	2437	19.47	21.00	1.422	99.47	1.005	0.01	0.071	0.101
	WLAN2.4GHz	802.11b 1Mbps	Right Side	17mm	Ant 6+3 (6)	Full power	6	2437	19.47	21.00	1.422	99.47	1.005	0.09	0.099	0.142
	WLAN2.4GHz	802.11b 1Mbps	Top Side	20mm	Ant 6+3 (6)	Full power	6	2437	19.47	21.00	1.422	99.47	1.005	0.02	0.102	0.146
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 6	Full power	1	2412	19.61	21.00	1.377	99.47	1.005	0.07	1.27	1.758
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 6	WWAN + non DBS	1	2412	15.57	17.00	1.390	99.47	1.005	0.01	0.505	0.706
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 3	Full power	6	2437	19.56	21.00	1.393	99.47	1.005	-0.16	0.570	0.798
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 3	Full power	6	2437	19.56	21.00	1.393	99.47	1.005	0.12	2.18	3.052
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 3	Full power	1	2412	19.15	20.50	1.365	96.97	1.031	0.07	1.63	2.293
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 3	Full power	11	2462	19.05	20.50	1.396	96.97	1.031	0.01	1.55	2.231
94	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 3	WWAN + non DBS	6	2437	15.57	17.00	1.390	99.47	1.005	0.07	0.217	0.303
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 3	WWAN + non DBS	6	2437	15.57	17.00	1.390	99.47	1.005	0.01	0.727	1.016
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 3	Full power	6	2437	19.56	21.00	1.393	99.47	1.005	0.02	0.041	0.057
	WLAN2.4GHz	802.11b 1Mbps	Top Side	20mm	Ant 3	Full power	6	2437	19.56	21.00	1.393	99.47	1.005	-0.19	0.092	0.129
	WLAN5.2GHz	802.11n-HT20 MCS0	Front	0mm	Ant 5+4	Full power	44	5220	20.56	21.80	1.330	96.77	1.033	0.07	0.845	1.161
	WLAN5.2GHz	802.11n-HT20 MCS0	Back	0mm	Ant 5+4	Full power	44	5220	20.56	21.80	1.330	96.77	1.033	-0.05	0.326	0.448
	WLAN5.2GHz	802.11n-HT20 MCS0	Top Side	0mm	Ant 5+4	Full power	44	5220	20.56	21.80	1.330	96.77	1.033	0.16	1.45	1.993
	WLAN5.2GHz	802.11n-HT40 MCS0	Front	0mm	Ant 5+4	WWAN + non DBS	46	5230	16.99	18.50	1.489	93.67	1.068	0.05	0.695	1.105
	WLAN5.2GHz	802.11n-HT40 MCS0	Back	0mm	Ant 5+4	WWAN + non DBS	46	5230	16.99	18.50	1.489	93.67	1.068	-0.02	0.173	0.275
	WLAN5.2GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 5+4	WWAN + non DBS	46	5230	16.99	18.50	1.489	93.67	1.068	0.01	0.714	1.136
	WLAN5.2GHz	802.11n-HT20 MCS0	Front	13mm	Ant 5+4	Full power	44	5220	20.56	21.80	1.330	96.77	1.033	0.02	0.122	0.168
	WLAN5.2GHz	802.11n-HT20 MCS0	Back	15mm	Ant 5+4	Full power	44	5220	20.56	21.80	1.330	96.77	1.033	0.06	0.027	0.037
	WLAN5.2GHz	802.11n-HT20 MCS0	Top Side	20mm	Ant 5+4	Full power	44	5220	20.56	21.80	1.330	96.77	1.033	0.07	0.059	0.081
	WLAN5.2GHz	802.11n-HT20 MCS0	Front	0mm	Ant 5	Full power	44	5220	17.80	19.00	1.317	96.77	1.033	0.04	1.46	1.987
	WLAN5.2GHz	802.11n-HT20 MCS0	Back	0mm	Ant 5	Full power	44	5220	17.80	19.00	1.317	96.77	1.033	0.11	0.271	0.369
	WLAN5.2GHz	802.11n-HT20 MCS0	Top Side	0mm	Ant 5	Full power	44	5220	17.80	19.00	1.317	96.77	1.033	-0.1	1.080	1.470
	WLAN5.2GHz	802.11n-HT40 MCS0	Front	0mm	Ant 5	WWAN + non DBS	46	5230	14.20	15.50	1.349	93.67	1.068	0.01	0.451	0.650
	WLAN5.2GHz	802.11n-HT40 MCS0	Back	0mm	Ant 5	WWAN + non DBS	46	5230	14.20	15.50	1.349	93.67	1.068	0.04	0.112	0.161
	WLAN5.2GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 5	WWAN + non DBS	46	5230	14.20	15.50	1.349	93.67	1.068	0.01	0.574	0.827
95	WLAN5.2GHz	802.11n-HT20 MCS0	Front	13mm	Ant 5	Full power	44	5220	17.80	19.00	1.317	96.77	1.033	-0.07	0.133	0.181
	WLAN5.2GHz	802.11n-HT20 MCS0	Back	15mm	Ant 5	Full power	44	5220	17.80	19.00	1.317	96.77	1.033	0.08	0.041	0.056
	WLAN5.2GHz	802.11n-HT20 MCS0	Top Side	20mm	Ant 5	Full power	44	5220	17.80	19.00	1.317	96.77	1.033	0.04	0.039	0.053
	WLAN5.3GHz	802.11n-HT20 MCS0	Front	0mm	Ant 5+4 (4)	Full power	52	5260	16.70	18.00	1.348	96.77	1.033	-0.05	1.31	1.824
	WLAN5.3GHz	802.11n-HT20 MCS0	Back	0mm	Ant 5+4 (4)	Full power	52	5260	16.70	18.00	1.348	96.77	1.033	0.07	0.355	0.494
	WLAN5.3GHz	802.11n-HT20 MCS0	Right Side	0mm	Ant 5+4 (4)	Full power	52	5260	16.70	18.00	1.348	96.77	1.033	0.01	0.495	0.689
	WLAN5.3GHz	802.11n-HT20 MCS0	Top Side	0mm	Ant 5+4 (4)	Full power	52	5260	16.70	18.00	1.348	96.77	1.033	0.01	1.47	2.047
	WLAN5.3GHz	802.11n-HT20 MCS0	Top Side	0mm	Ant 5+4 (4)	Full power	56	5280	16.65	18.00	1.364	96.77	1.033	-0.01	1.41	1.987
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	0mm	Ant 5+4 (4)	WWAN + non DBS	54	5270	13.88	15.50	1.452	93.67	1.068	0.05	0.703	1.090
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	0mm	Ant 5+4 (4)	WWAN + non DBS	54	5270	13.88	15.50	1.452	93.67	1.068	-0.01	0.190	0.295
	WLAN5.3GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 5+4 (4)	WWAN + non DBS	54	5270	13.88	15.50	1.452	93.67	1.068	0.02	0.290	0.450
	WLAN5.3GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 5+4 (4)	WWAN + non DBS	54	5270	13.88	15.50	1.452	93.67	1.068	0.03	0.715	1.109
	WLAN5.3GHz	802.11n-HT20 MCS0	Front	13mm	Ant 5+4 (4)	Full power	52	5260	16.70	18.00	1.348	96.77	1.033	0.06	0.126	0.175
	WLAN5.3GHz	802.11n-HT20 MCS0	Back	15mm	Ant 5+4 (4)	Full power	52	5260	16.70	18.00	1.348	96.77	1.033	0.01	0.035	0.049
	WLAN5.3GHz	802.11n-HT20 MCS0	Right Side	17mm	Ant 5+4 (4)	Full power	52	5260	16.70	18.00	1.348	96.77	1.033	-0.07	0.012	0.017



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	WLAN5.3GHz	802.11n-HT20 MCS0	Top Side	20mm	Ant 5+4 (4)	Full power	52	5260	16.70	18.00	1.348	96.77	1.033	0.18	0.028	0.039
	WLAN5.3GHz	802.11n-HT20 MCS0	Front	0mm	Ant 5	Full power	52	5260	17.56	18.50	1.241	96.77	1.033	0.01	1.10	1.410
	WLAN5.3GHz	802.11n-HT20 MCS0	Back	0mm	Ant 5	Full power	52	5260	17.56	18.50	1.241	96.77	1.033	0.04	0.213	0.273
	WLAN5.3GHz	802.11n-HT20 MCS0	Right Side	0mm	Ant 5	Full power	52	5260	17.56	18.50	1.241	96.77	1.033	0.06	0.322	0.413
	WLAN5.3GHz	802.11n-HT20 MCS0	Top Side	0mm	Ant 5	Full power	52	5260	17.56	18.50	1.241	96.77	1.033	-0.06	0.839	1.075
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	0mm	Ant 5	WWAN + non DBS	62	5310	14.27	15.50	1.327	93.67	1.068	0.02	0.642	0.910
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	0mm	Ant 5	WWAN + non DBS	62	5310	14.27	15.50	1.327	93.67	1.068	0.01	0.132	0.187
	WLAN5.3GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 5	WWAN + non DBS	62	5310	14.27	15.50	1.327	93.67	1.068	-0.04	0.278	0.394
	WLAN5.3GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 5	WWAN + non DBS	62	5310	14.27	15.50	1.327	93.67	1.068	0.07	0.704	0.998
	WLAN5.3GHz	802.11n-HT20 MCS0	Front	13mm	Ant 5	Full power	52	5260	17.56	18.50	1.241	96.77	1.033	0.08	0.103	0.132
	WLAN5.3GHz	802.11n-HT20 MCS0	Back	15mm	Ant 5	Full power	52	5260	17.56	18.50	1.241	96.77	1.033	-0.01	0.029	0.037
	WLAN5.3GHz	802.11n-HT20 MCS0	Right Side	17mm	Ant 5	Full power	52	5260	17.56	18.50	1.241	96.77	1.033	0.04	0.009	0.012
	WLAN5.3GHz	802.11n-HT20 MCS0	Top Side	20mm	Ant 5	Full power	52	5260	17.56	18.50	1.241	96.77	1.033	0.06	0.023	0.029
	WLAN5.5GHz	802.11n-HT20 MCS0	Front	0mm	Ant 5+4 (5)	Full power	124	5620	16.95	18.50	1.428	96.77	1.033	-0.1	1.37	2.021
	WLAN5.5GHz	802.11n-HT20 MCS0	Front	0mm	Ant 5+4 (5)	Full power	144	5720	17.01	18.50	1.408	96.77	1.033	-0.05	1.24	1.804
	WLAN5.5GHz	802.11n-HT20 MCS0	Back	0mm	Ant 5+4 (5)	Full power	124	5620	16.95	18.50	1.428	96.77	1.033	-0.11	0.443	0.653
	WLAN5.5GHz	802.11n-HT20 MCS0	Right Side	0mm	Ant 5+4 (5)	Full power	124	5620	17.01	18.50	1.408	96.77	1.033	-0.02	0.666	0.982
96	WLAN5.5GHz	802.11n-HT20 MCS0	Top Side	0mm	Ant 5+4 (5)	Full power	124	5620	16.95	18.50	1.428	96.77	1.033	0.15	1.47	2.168
	WLAN5.5GHz	802.11n-HT20 MCS0	Top Side	0mm	Ant 5+4 (5)	Full power	144	5720	17.01	18.50	1.408	96.77	1.033	0.05	1.40	2.036
	WLAN5.5GHz	802.11n-HT40 MCS0	Front	0mm	Ant 5+4 (4)	WWAN + non DBS	110	5550	14.14	15.50	1.368	93.67	1.068	0.03	0.769	1.123
	WLAN5.5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 5+4 (4)	WWAN + non DBS	110	5550	14.14	15.50	1.368	93.67	1.068	-0.01	0.244	0.356
	WLAN5.5GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 5+4 (4)	WWAN + non DBS	110	5550	14.14	15.50	1.368	93.67	1.068	0.05	0.292	0.427
	WLAN5.5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 5+4 (4)	WWAN + non DBS	110	5550	14.14	15.50	1.368	93.67	1.068	0.01	0.771	1.126
	WLAN5.5GHz	802.11n-HT20 MCS0	Front	13mm	Ant 5+4 (5)	Full power	124	5620	16.95	18.50	1.428	96.77	1.033	0.09	0.115	0.170
	WLAN5.5GHz	802.11n-HT20 MCS0	Back	15mm	Ant 5+4 (5)	Full power	124	5620	16.95	18.50	1.428	96.77	1.033	0.07	0.035	0.052
	WLAN5.5GHz	802.11n-HT20 MCS0	Right Side	17mm	Ant 5+4 (5)	Full power	124	5620	16.95	18.50	1.428	96.77	1.033	-0.06	0.021	0.031
	WLAN5.5GHz	802.11n-HT20 MCS0	Top Side	20mm	Ant 5+4 (5)	Full power	124	5620	16.95	18.50	1.428	96.77	1.033	0.01	0.045	0.066
	WLAN5.5GHz	802.11n-HT20 MCS0	Front	0mm	Ant 5	Full power	140	5700	17.04	18.50	1.399	96.77	1.033	0.09	0.850	1.228
	WLAN5.5GHz	802.11n-HT20 MCS0	Back	0mm	Ant 5	Full power	140	5700	17.04	18.50	1.399	96.77	1.033	0.03	0.165	0.238
	WLAN5.5GHz	802.11n-HT20 MCS0	Right Side	0mm	Ant 5	Full power	140	5700	17.04	18.50	1.399	96.77	1.033	0.09	0.383	0.553
	WLAN5.5GHz	802.11n-HT20 MCS0	Top Side	0mm	Ant 5	Full power	140	5700	17.04	18.50	1.399	96.77	1.033	-0.05	0.815	1.178
	WLAN5.5GHz	802.11n-HT40 MCS0	Front	0mm	Ant 5	WWAN + non DBS	102	5510	14.21	15.50	1.346	93.67	1.068	0.01	0.641	0.921
	WLAN5.5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 5	WWAN + non DBS	102	5510	14.21	15.50	1.346	93.67	1.068	-0.03	0.143	0.206
	WLAN5.5GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 5	WWAN + non DBS	102	5510	14.21	15.50	1.346	93.67	1.068	0.01	0.273	0.392
	WLAN5.5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 5	WWAN + non DBS	102	5510	14.21	15.50	1.346	93.67	1.068	-0.06	0.748	1.075
	WLAN5.5GHz	802.11n-HT20 MCS0	Front	13mm	Ant 5	Full power	140	5700	17.04	18.50	1.399	96.77	1.033	0.09	0.082	0.118
	WLAN5.5GHz	802.11n-HT20 MCS0	Back	15mm	Ant 5	Full power	140	5700	17.04	18.50	1.399	96.77	1.033	0.01	0.009	0.013
	WLAN5.5GHz	802.11n-HT20 MCS0	Right Side	17mm	Ant 5	Full power	140	5700	17.04	18.50	1.399	96.77	1.033	-0.05	0.013	0.019
	WLAN5.5GHz	802.11n-HT20 MCS0	Top Side	20mm	Ant 5	Full power	140	5700	17.04	18.50	1.399	96.77	1.033	0.12	0.027	0.039
	WLAN5.8GHz	802.11a 6Mbps	Back	0mm	Ant 5+4 (5)	Full power	157	5785	18.24	20.00	1.498	96.97	1.031	0.03	0.642	0.992
	WLAN5.8GHz	802.11a 6Mbps	Right Side	0mm	Ant 5+4 (5)	Full power	157	5785	18.24	20.00	1.498	96.97	1.031	0.16	1.05	1.622
97	WLAN5.8GHz	802.11a 6Mbps	Top Side	0mm	Ant 5+4 (5)	Full power	157	5785	18.24	20.00	1.498	96.97	1.031	0.01	2.01	3.105
	WLAN5.8GHz	802.11a 6Mbps	Top Side	0mm	Ant 5+4 (5)	Full power	165	5825	18.24	20.00	1.498	96.97	1.031	0.03	1.83	2.873
	WLAN5.8GHz	802.11a 6Mbps	Top Side	0mm	Ant 5+4 (5)	Full power	149	5745	18.17	20.00	1.523	96.97	1.031	0.03	1.71	2.703
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 5+4	WWAN + non DBS	155	5775	18.14	20.00	1.533	88.23	1.133	0.05	0.226	0.352
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5+4	WWAN + non DBS	155	5775	17.42	18.80	1.373	88.23	1.133	0.04	0.320	0.498
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 5+4	WWAN + non DBS	155	5775	17.42	18.80	1.373	88.23	1.133	0.03	0.516	0.803
	WLAN5.8GHz	802.11a 6Mbps	Back	15mm	Ant 5+4 (5)	Full power	157	5785	17.42	18.80	1.373	96.97	1.031	0.06	0.051	0.079
	WLAN5.8GHz	802.11a 6Mbps	Right Side	17mm	Ant 5+4 (5)	Full power	157	5785	18.24	20.00	1.498	96.97	1.031	-0.01	0.044	0.068
	WLAN5.8GHz	802.11a 6Mbps	Top Side	20mm	Ant 5+4 (5)	Full power	157	5785	18.24	20.00	1.498	96.97	1.031	0.06	0.088	0.136
	WLAN5.8GHz	802.11a 6Mbps	Right Side	0mm	Ant 5	Full power	157	5785	18.24	20.00	1.498	96.97	1.031	0.08	1.02	1.576
	WLAN5.8GHz	802.11a 6Mbps	Top Side	0mm	Ant 5	Full power	157	5785	18.24	20.00	1.498	96.97	1.031	0.15	1.54	2.379
	WLAN5.8GHz	802.11a 6Mbps	Top Side	0mm	Ant 5	Full power	165	5825	18.17	20.00	1.523	96.97	1.031	-0.11	1.46	2.292
	WLAN5.8GHz	802.11a 6Mbps	Top Side	0mm	Ant 5	Full power	149	5745	18.14	20.00	1.533	96.97	1.031	0.01	1.21	1.913
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5	WWAN + non DBS	155	5775	14.27	15.50	1.327	88.23	1.133	-0.01	0.331	0.498
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 5	WWAN + non DBS	155	5775	14.27	15.50	1.327	88.23	1.133	0.07	0.354	0.532
	WLAN5.8GHz	802.11a 6Mbps	Right Side	17mm	Ant 5	Full power	157	5785	18.24	20.00	1.498	96.97	1.031	0.06	0.048	0.074



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WLAN5.8GHz	802.11a 6Mbps	Top Side	20mm	Ant 5	Full power	157	5785	18.24	20.00	1.498	96.97	1.031	0.01	0.068	0.105
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15.5 Repeated SAR Measurement

<1g>

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	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 2	DSI 2	656000	3840	17.54	18.50	1.247		1.000	0.09	0.952	1	1.188
2st	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Cheek	0mm	Ant 2	DSI 2	656000	3840	17.54	18.50	1.247		1.000	0.01	0.932	1.021	1.163
1st	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	650000	3750	16.56	17.50	1.242		1.000	0.02	0.932	1	1.157
2st	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 5	DSI 2	650000	3750	16.56	17.50	1.242		1.000	0.01	0.902	1.033	1.120
1st	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Cheek	0mm	Ant 6+3	standalone	6	2437	18.42	20.00	1.439	99.47	1.005	-0.17	0.962	1	1.391
2st	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Left Cheek	0mm	Ant 6+3	standalone	6	2437	18.42	20.00	1.439	99.47	1.005	0.02	0.913	1.054	1.320
1st	LTE Band 13	10M	QPSK	1	0		Back	5mm	Ant 0	DSI 7	23230	782	22.60	24.00	1.380		1.000	0.01	0.885	1	1.222
2st	LTE Band 13	10M	QPSK	1	0		Back	5mm	Ant 0	DSI 7	23230	782	22.60	24.00	1.380		1.000	0.02	0.872	1.015	1.204
1st	LTE Band 26	15M	QPSK	1	0		Back	5mm	Ant 0	DSI 7	26865	831.5	22.75	24.00	1.334		1.000	-0.03	1.08	1	1.440
2st	LTE Band 26	15M	QPSK	1	0		Back	5mm	Ant 0	DSI 7	26865	831.5	22.75	24.00	1.334		1.000	0.02	1.00	1.080	1.334
1st	LTE Band 66	20M	QPSK	1	0		Bottom Side	5mm	Ant 0	DSI 7	132572	1770	14.63	16.00	1.371		1.000	-0.01	1.00	1	1.371
2st	LTE Band 66	20M	QPSK	1	0		Bottom Side	5mm	Ant 0	DSI 7	132572	1770	14.63	16.00	1.371		1.000	0.02	0.994	1.006	1.363
1st	GSM1900					GPRS (4 Tx slots)	Bottom Side	5mm	Ant 0	DSI 7	661	1880	15.65	16.50	1.216		1.000	0.04	1.160	1	1.411
2st	GSM1900					GPRS (4 Tx slots)	Bottom Side	5mm	Ant 0	DSI 7	661	1880	15.65	16.50	1.216		1.000	0.04	1.050	1.105	1.277
1st	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0	DSI 7	518598	2592.99	17.92	19.00	1.282		1.000	-0.09	1.120	1	1.436
2st	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0	DSI 7	518598	2592.99	17.92	19.00	1.282		1.000	0.01	1.010	1.109	1.295

<10g>

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	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 0	DSI 6	132572	1770	20.46	22.00	1.426	-	1.000	0.01	2.470	1	3.521
2st	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 0	DSI 6	132572	1770	20.46	22.00	1.426	-	1.000	0.01	2.210	1.118	3.151
1st	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	0mm	Ant 0	DSI 6	661	1880	22.30	23.00	1.175	-	1.000	0.01	2.840	1	3.337
2st	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	0mm	Ant 0	DSI 6	661	1880	22.30	23.00	1.175	-	1.000	0.07	2.670	1.064	3.137
1st	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Top Side	0mm	Ant 6+3 (6)	Full power	6	2437	19.47	21.00	1.422	99.47	1.005	0.05	2.43	1	3.474
2st	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Top Side	0mm	Ant 6+3 (6)	Full power	6	2437	19.47	21.00	1.422	99.47	1.005	0.02	2.12	1.146	3.030
1st	WLAN 5.8GHz	-	-	-	-	802.11a 6Mbps	Top Side	0mm	Ant 5+4 (5)	Full power	157	5785	18.24	20.00	1.498	96.97	1.031	0.01	2.01	1	3.105
2st	WLAN 5.8GHz	-	-	-	-	802.11a 6Mbps	Top Side	0mm	Ant 5+4 (5)	Full power	157	5785	18.24	20.00	1.498	96.97	1.031	0.02	1.87	1.075	2.889

General Note:

- Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥ 0.8 W/kg.
- Per KDB 865664 D01v01r04, if the ratio among the repeated measurement is ≤ 1.2 and the measured SAR < 1.45 W/kg, only one repeated measurement is required.
- 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.
- The ratio is the difference in percentage between original and repeated *measured* SAR.
- All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.

16. 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 + Bluetooth	Yes	Yes	Yes	Yes
4.	WLAN2.4GHz Ant 3 + Bluetooth Ant 6	Yes	Yes	Yes	Yes
5.	WLAN2.4GHz Ant 6 + WLAN5GHz Ant 5	Yes	Yes	Yes	Yes
6.	WLAN5GHz+ Bluetooth	Yes	Yes	Yes	Yes
7.	WWAN + WLAN2.4GHz Ant 3 + Bluetooth Ant 6	Yes	Yes	Yes	Yes
8.	WWAN + WLAN2.4GHz Ant 6 + WLAN5GHz Ant 5	Yes	Yes	Yes	Yes
9.	WWAN + WLAN5GHz+ Bluetooth	Yes	Yes	Yes	Yes
10.	WWAN + WLAN2.4GHz + NFC				Yes
11.	WWAN + WLAN5GHz + NFC				Yes
12.	WWAN + Bluetooth + NFC				Yes
13.	WLAN2.4GHz Ant 3 + Bluetooth Ant 6 + NFC				Yes
14.	WLAN2.4GHz Ant 6 + WLAN5GHz Ant 5 + NFC				Yes
15.	WLAN5GHz+ Bluetooth + NFC				Yes
16.	WWAN + WLAN2.4GHz Ant 3 + Bluetooth Ant 6 + NFC				Yes
17.	WWAN + WLAN2.4GHz Ant 6 + WLAN5GHz Ant 5 + NFC				Yes
18.	WWAN + WLAN5GHz+ Bluetooth + NFC				Yes

General Note:

- This device supports VoIP in GPRS, EGPRS, WCDMA and LTE (e.g. for 3rd-party VoIP), LTE supports VoLTE operation.
- WWAN above includes 5G NR bands and EN-DC combination..
- The 2.4GHz/5GHz WLAN can transmit in SISO and MIMO antenna mode.
- EUT will choose each GSM, WCDMA, LTE and 5GNR according to the network signal condition; therefore, they will not operate simultaneously at any moment.
- This device 2.4GHz WLAN support hotspot operation and Bluetooth support tethering applications.
- 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).
- According to the EUT characteristic, WLAN 5GHz and Bluetooth can transmit simultaneously.
- According to the EUT characteristic, WLAN 5GHz Ant5 and WLAN 2.4GHz Ant6 can transmit simultaneously.
- According to the EUT characteristic, WLAN 2.4GHz Ant6 and Bluetooth share the same antenna and they cannot transmit simultaneously each other, and WLAN 2.4GHz Ant3 and Bluetooth can transmit simultaneously.
- The worst case 5 GHz WLAN SAR for each configuration was used for SAR summation.
- For Headset SAR and non-Headset SAR always chose higher SAR to do co-located analysis.
- For 5GNR EN-DC mode, standalone SAR performed for 5GNR NSA band with the maximum power, EN-DC SAR summed EN-DC mode 5GNR standalone SAR and LTE standalone SAR, the result of EN-DC SAR is more conservatively.
- When stand-alone SAR is not required for a transmitter or antenna, its SAR is considered zero in the SAR summing process to assess Multi-band transmission SAR compliance.
- For standalone WWAN, always choose the highest SAR among all WWAN bands for Head SAR and body-worn distance SAR each exposure position to perform simultaneous transmission analysis with WLAN/BT. This is the worst co-located analysis and can represent each bands.
- For standalone WWAN, always choose the highest SAR among all WWAN bands within the selected antenna for each exposure position (except Head exposure Conditions) to perform simultaneous transmission analysis with WLAN/BT. This is the worst co-located analysis and can represent each bands. If the co-located analysis within standalone SAR is higher SAR limit (1.6W/kg for 1g SAR, 4.0W/kg for 10g SAR), always choose the highest SAR among the selected WWAN bands within the selected antenna for each exposure position to perform simultaneous transmission analysis with WLAN/BT.
- For inter-band UL CA SAR co-located with WLAN/Bluetooth, chose the worst SAR among the selected LTE bands within the selected antenna per each test position to do co-located with WLAN/Bluetooth. This is the worst co-located analysis and can represent each LTE bands.
- For EN-DC SAR co-located with WLAN/Bluetooth, chose the worst SAR among the selected LTE bands within the selected antenna per each test position and also the worst SAR of the selected 5GNR Bands within the selected

antenna to do co-located with WLAN/Bluetooth. This is the worst co-located analysis and can represent each LTE bands and each 5GNR bands.

18. The maximum SAR summation is calculated based on the same configuration and test position.
19. 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.
20. 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) $SPLSR = (SAR1 + SAR2)^{1.5} / (\min. \text{ separation distance, mm})$, 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 $SPLSR \leq 0.04$ for 1g SAR and $SPLSR \leq 0.10$ 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 16.5.



16.1 Head Exposure Conditions

WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	3+7	1+2	1+5+9	1+6+9	1+4+8
		WWAN	WLAN2.4GHz Ant 6+3 non DBS	WLAN2.4GHz Ant 6 DBS Only	WLAN2.4GHz Ant 6 DBS	WLAN2.4GHz Ant 3 non DBS	WLAN 5GHz Ant 5+4 non DBS	WLAN 5GHz Ant 5 DBS only	WLAN 5GHz Ant 5 DBS	Bluetooth Ant 6	Summed	Summed	Summed	Summed	Summed
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
WWAN All Bands	Right Cheek	1.188	0.157	0.797	0.043	0.145	0.137	0.797	0.091	0.107	1.59	1.35	1.44	1.43	1.32
	Right Tilted	1.210	0.202	0.797	0.001	0.151	0.141	0.797	0.113	0.107	1.59	1.41	1.47	1.46	1.32
	Left Cheek	1.164	0.312	0.797	0.179	0.253	0.309	0.797	0.203	0.107	1.59	1.48	1.52	1.58	1.55
	Left Tilted	1.150	0.264	0.797	0.043	0.327	0.297	0.797	0.201	0.107	1.59	1.41	1.58	1.55	1.39

<Inter-Band UL CA>

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	1+2+3	1+2+5+8	1+2+6+8	1+2+4+7
			WWAN	WWAN	WLAN2.4GHz Ant 6+3 non DBS	WLAN2.4GHz Ant 6 DBS	WLAN2.4GHz Ant 3 non DBS	WLAN 5GHz Ant 5+4 non DBS	WLAN 5GHz Ant 5 DBS	Bluetooth Ant 6	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Band 2 Ant 0	LTE Band 26(5) Ant 1	Right Cheek	0.118	1.154	0.157	0.043	0.145	0.137	0.091	0.107	1.43	1.52	1.52	1.41
		Right Tilted	0.083	1.076	0.202	0.001	0.151	0.141	0.113	0.107	1.36	1.42	1.41	1.27
		Left Cheek	0.166	0.555	0.312	0.179	0.253	0.309	0.203	0.107	1.03	1.08	1.14	1.10
		Left Tilted	0.069	0.560	0.264	0.043	0.327	0.297	0.201	0.107	0.89	1.06	1.03	0.87
LTE Band 2 Ant 0	LTE Band 7 Ant 1	Right Cheek	0.118	1.033	0.157	0.043	0.145	0.137	0.091	0.107	1.31	1.40	1.40	1.29
		Right Tilted	0.083	1.172	0.202	0.001	0.151	0.141	0.113	0.107	1.46	1.51	1.50	1.37
		Left Cheek	0.166	0.729	0.312	0.179	0.253	0.309	0.203	0.107	1.21	1.26	1.31	1.28
		Left Tilted	0.069	0.691	0.264	0.043	0.327	0.297	0.201	0.107	1.02	1.19	1.16	1.00
LTE Band 2 Ant 0	LTE Band 66(4) Ant 1	Right Cheek	0.118	1.054	0.157	0.043	0.145	0.137	0.091	0.107	1.33	1.42	1.42	1.31
		Right Tilted	0.083	1.095	0.202	0.001	0.151	0.141	0.113	0.107	1.38	1.44	1.43	1.29
		Left Cheek	0.166	0.664	0.312	0.179	0.253	0.309	0.203	0.107	1.14	1.19	1.25	1.21
		Left Tilted	0.069	0.787	0.264	0.043	0.327	0.297	0.201	0.107	1.12	1.29	1.26	1.10
LTE Band 66(4) Ant 0	LTE Band 26(5) Ant 1	Right Cheek	0.078	1.154	0.157	0.043	0.145	0.137	0.091	0.107	1.39	1.48	1.48	1.37
		Right Tilted	0.070	1.076	0.202	0.001	0.151	0.141	0.113	0.107	1.35	1.40	1.39	1.26
		Left Cheek	0.154	0.555	0.312	0.179	0.253	0.309	0.203	0.107	1.02	1.07	1.13	1.09
		Left Tilted	0.072	0.560	0.264	0.043	0.327	0.297	0.201	0.107	0.90	1.07	1.04	0.88
LTE Band 66(4) Ant 1	LTE Band 26(5) Ant 0	Right Cheek	1.054	0.283	0.157	0.043	0.145	0.137	0.091	0.107	1.49	1.59	1.58	1.47
		Right Tilted	1.095	0.156	0.202	0.001	0.151	0.141	0.113	0.107	1.45	1.51	1.50	1.37
		Left Cheek	0.664	0.188	0.312	0.179	0.253	0.309	0.203	0.107	1.16	1.21	1.27	1.23
		Left Tilted	0.787	0.141	0.264	0.043	0.327	0.297	0.201	0.107	1.19	1.36	1.33	1.17
LTE Band 66(4) Ant 0	LTE Band 7 Ant 1	Right Cheek	0.078	1.033	0.157	0.043	0.145	0.137	0.091	0.107	1.27	1.36	1.36	1.25
		Right Tilted	0.070	1.172	0.202	0.001	0.151	0.141	0.113	0.107	1.44	1.50	1.49	1.36
		Left Cheek	0.154	0.729	0.312	0.179	0.253	0.309	0.203	0.107	1.20	1.24	1.30	1.27
		Left Tilted	0.072	0.691	0.264	0.043	0.327	0.297	0.201	0.107	1.03	1.20	1.17	1.01
LTE Band 66(4) Ant 1	LTE Band 7 Ant 0	Right Cheek	1.054	0.099	0.157	0.043	0.145	0.137	0.091	0.107	1.31	1.41	1.40	1.29
		Right Tilted	1.095	0.065	0.202	0.001	0.151	0.141	0.113	0.107	1.36	1.42	1.41	1.27
		Left Cheek	0.664	0.109	0.312	0.179	0.253	0.309	0.203	0.107	1.09	1.13	1.19	1.16
		Left Tilted	0.787	0.065	0.264	0.043	0.327	0.297	0.201	0.107	1.12	1.29	1.26	1.10
LTE Band 26(5) Ant 0	LTE Band 7 Ant 1	Right Cheek	0.283	1.033	0.157	0.043	0.145	0.137	0.091	0.107	1.47	1.57	1.56	1.45
		Right Tilted	0.156	1.172	0.202	0.001	0.151	0.141	0.113	0.107	1.53	1.59	1.58	1.44
		Left Cheek	0.188	0.729	0.312	0.179	0.253	0.309	0.203	0.107	1.23	1.28	1.33	1.30
		Left Tilted	0.141	0.691	0.264	0.043	0.327	0.297	0.201	0.107	1.10	1.27	1.24	1.08
LTE Band 26(5) Ant 1	LTE Band 7 Ant 0	Right Cheek	1.154	0.099	0.157	0.043	0.145	0.137	0.091	0.107	1.41	1.51	1.50	1.39
		Right Tilted	1.076	0.065	0.202	0.001	0.151	0.141	0.113	0.107	1.34	1.40	1.39	1.26
		Left Cheek	0.555	0.109	0.312	0.179	0.253	0.309	0.203	0.107	0.98	1.02	1.08	1.05
		Left Tilted	0.560	0.065	0.264	0.043	0.327	0.297	0.201	0.107	0.89	1.06	1.03	0.87
LTE Band	LTE Band	Right Cheek	0.059	0.668	0.157	0.043	0.145	0.137	0.091	0.107	0.88	0.98	0.97	0.86
		Right Tilted		0.226	0.202	0.001	0.151	0.141	0.113	0.107	0.43	0.48	0.47	0.34



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41 Ant 0	42 Ant 2	Left Cheek	0.078	0.155	0.312	0.179	0.253	0.309	0.203	0.107	0.55	0.59	0.65	0.62
		Left Tilted		0.090	0.264	0.043	0.327	0.297	0.201	0.107	0.35	0.52	0.49	0.33
LTE Band 41 Ant 1	LTE Band 42 Ant 2	Right Cheek	0.486	0.653	0.157	0.043	0.145	0.137	0.091	0.107	1.30	1.39	1.38	1.27
		Right Tilted	0.597	0.221	0.202	0.001	0.151	0.141	0.113	0.107	1.02	1.08	1.07	0.93
		Left Cheek	0.351	0.151	0.312	0.179	0.253	0.309	0.203	0.107	0.81	0.86	0.92	0.88
		Left Tilted	0.351	0.088	0.264	0.043	0.327	0.297	0.201	0.107	0.70	0.87	0.84	0.68

<5G NR ENDC>

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	1+2+3	1+2+5+8	1+2+6+8	1+2+4+7	Case No
			WWAN	FR1	WLAN2.4GHz Ant 6+3 non DBS	WLAN2.4GHz Ant 6 DBS	WLAN2.4GHz Ant 3 non DBS	WLAN 5GHz Ant 5+4 non BDS	WLAN 5GHz Ant 5 DBS	Bluetooth Ant 6	Summed	Summed	Summed	Summed	
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
LTE Band 7 Ant 0	FR1 n5 Ant 1	Right Cheek	0.099	0.841	0.157	0.043	0.145	0.137	0.091	0.107	1.10	1.19	1.18	1.07	
		Right Tilted	0.065	0.858	0.202	0.001	0.151	0.141	0.113	0.107	1.13	1.18	1.17	1.04	
		Left Cheek	0.109	0.469	0.312	0.179	0.253	0.309	0.203	0.107	0.89	0.94	0.99	0.96	
		Left Tilted	0.065	0.476	0.264	0.043	0.327	0.297	0.201	0.107	0.81	0.98	0.95	0.79	
LTE Band 7 Ant 1	FR1 n5 Ant 0	Right Cheek	0.684	0.199	0.157	0.043	0.145	0.137	0.091	0.107	1.04	1.14	1.13	1.02	
		Right Tilted	0.811	0.107	0.202	0.001	0.151	0.141	0.113	0.107	1.12	1.18	1.17	1.03	
		Left Cheek	0.729	0.136	0.312	0.179	0.253	0.309	0.203	0.107	1.18	1.23	1.28	1.25	
		Left Tilted	0.691	0.099	0.264	0.043	0.327	0.297	0.201	0.107	1.05	1.22	1.19	1.03	
LTE Band 26 Ant 1	FR1 n7 Ant 0	Right Cheek	0.745	0.065	0.157	0.043	0.145	0.137	0.091	0.107	0.97	1.06	1.05	0.94	
		Right Tilted	0.702		0.202	0.001	0.151	0.141	0.113	0.107	0.90	0.96	0.95	0.82	
		Left Cheek	0.555	0.075	0.312	0.179	0.253	0.309	0.203	0.107	0.94	0.99	1.05	1.01	
		Left Tilted	0.560		0.264	0.043	0.327	0.297	0.201	0.107	0.82	0.99	0.96	0.80	
LTE Band 26 Ant 0	FR1 n7 Ant 1	Right Cheek	0.283	1.099	0.157	0.043	0.145	0.137	0.091	0.107	1.54	1.63	1.63	1.52	1&2
		Right Tilted	0.156	1.210	0.202	0.001	0.151	0.141	0.113	0.107	1.57	1.62	1.61	1.48	3&4
		Left Cheek	0.188	0.787	0.312	0.179	0.253	0.309	0.203	0.107	1.29	1.34	1.39	1.36	
		Left Tilted	0.141	0.829	0.264	0.043	0.327	0.297	0.201	0.107	1.23	1.40	1.37	1.21	
LTE Band 66 Ant 1	FR1 n7 Ant 0	Right Cheek	0.737	0.065	0.157	0.043	0.145	0.137	0.091	0.107	0.96	1.05	1.05	0.94	
		Right Tilted	0.781		0.202	0.001	0.151	0.141	0.113	0.107	0.98	1.04	1.03	0.90	
		Left Cheek	0.664	0.075	0.312	0.179	0.253	0.309	0.203	0.107	1.05	1.10	1.16	1.12	
		Left Tilted	0.787		0.264	0.043	0.327	0.297	0.201	0.107	1.05	1.22	1.19	1.03	
LTE Band 2 Ant 0	FR1 n66 Ant 1	Right Cheek	0.118	1.131	0.157	0.043	0.145	0.137	0.091	0.107	1.41	1.50	1.49	1.38	
		Right Tilted	0.083	1.194	0.202	0.001	0.151	0.141	0.113	0.107	1.48	1.54	1.53	1.39	
		Left Cheek	0.166	0.742	0.312	0.179	0.253	0.309	0.203	0.107	1.22	1.27	1.32	1.29	
		Left Tilted	0.069	0.789	0.264	0.043	0.327	0.297	0.201	0.107	1.12	1.29	1.26	1.10	
LTE Band 26 Ant 1	FR1 n66 Ant 0	Right Cheek	0.745	0.086	0.157	0.043	0.145	0.137	0.091	0.107	0.99	1.08	1.08	0.97	
		Right Tilted	0.702	0.069	0.202	0.001	0.151	0.141	0.113	0.107	0.97	1.03	1.02	0.89	
		Left Cheek	0.555	0.157	0.312	0.179	0.253	0.309	0.203	0.107	1.02	1.07	1.13	1.09	
		Left Tilted	0.560	0.068	0.264	0.043	0.327	0.297	0.201	0.107	0.89	1.06	1.03	0.87	
LTE Band 7 Ant 0	FR1 n66 Ant 1	Right Cheek	0.099	1.131	0.157	0.043	0.145	0.137	0.091	0.107	1.39	1.48	1.47	1.36	
		Right Tilted	0.065	1.194	0.202	0.001	0.151	0.141	0.113	0.107	1.46	1.52	1.51	1.37	
		Left Cheek	0.109	0.742	0.312	0.179	0.253	0.309	0.203	0.107	1.16	1.21	1.27	1.23	
		Left Tilted	0.065	0.789	0.264	0.043	0.327	0.297	0.201	0.107	1.12	1.29	1.26	1.10	
LTE Band 66 Ant 1	FR1 n41 Ant 0	Right Cheek	0.737	0.096	0.157	0.043	0.145	0.137	0.091	0.107	0.99	1.09	1.08	0.97	
		Right Tilted	0.781	0.053	0.202	0.001	0.151	0.141	0.113	0.107	1.04	1.09	1.08	0.95	
		Left Cheek	0.664	0.085	0.312	0.179	0.253	0.309	0.203	0.107	1.06	1.11	1.17	1.13	
		Left Tilted	0.787		0.264	0.043	0.327	0.297	0.201	0.107	1.05	1.22	1.19	1.03	
LTE Band 2 Ant 0	FR1 n77 Ant 2	Right Cheek	0.118	1.188	0.157	0.043	0.145	0.137	0.091	0.107	1.46	1.56	1.55	1.44	
		Right Tilted	0.083	0.579	0.202	0.001	0.151	0.141	0.113	0.107	0.86	0.92	0.91	0.78	
		Left Cheek	0.166	0.343	0.312	0.179	0.253	0.309	0.203	0.107	0.82	0.87	0.93	0.89	
		Left Tilted	0.069	0.226	0.264	0.043	0.327	0.297	0.201	0.107	0.56	0.73	0.70	0.54	
LTE Band 2 Ant 1	FR1 n77 Ant 2	Right Cheek	0.682	0.592	0.157	0.043	0.145	0.137	0.091	0.107	1.43	1.53	1.52	1.41	
		Right Tilted	0.805	0.319	0.202	0.001	0.151	0.141	0.113	0.107	1.33	1.38	1.37	1.24	
		Left Cheek	0.630	0.343	0.312	0.179	0.253	0.309	0.203	0.107	1.29	1.33	1.39	1.36	
		Left Tilted	0.739	0.226	0.264	0.043	0.327	0.297	0.201	0.107	1.23	1.40	1.37	1.21	



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LTE Band 66 Ant 0	FR1 n77 Ant 2	Right Cheek	0.078	0.592	0.157	0.043	0.145	0.137	0.091	0.107	0.83	0.92	0.91	0.80	
		Right Tilted	0.070	0.319	0.202	0.001	0.151	0.141	0.113	0.107	0.59	0.65	0.64	0.50	
		Left Cheek	0.154	0.343	0.312	0.179	0.253	0.309	0.203	0.107	0.81	0.86	0.91	0.88	
		Left Tilted	0.072	0.226	0.264	0.043	0.327	0.297	0.201	0.107	0.56	0.73	0.70	0.54	
LTE Band 66 Ant 1	FR1 n77 Ant 2	Right Cheek	0.750	0.592	0.157	0.043	0.145	0.137	0.091	0.107	1.50	1.59	1.59	1.48	
		Right Tilted	0.781	0.319	0.202	0.001	0.151	0.141	0.113	0.107	1.30	1.36	1.35	1.21	
		Left Cheek	0.664	0.343	0.312	0.179	0.253	0.309	0.203	0.107	1.32	1.37	1.42	1.39	
		Left Tilted	0.787	0.226	0.264	0.043	0.327	0.297	0.201	0.107	1.28	1.45	1.42	1.26	
LTE Band 26 Ant 0	FR1 n77 Ant 2	Right Cheek	0.283	0.592	0.157	0.043	0.145	0.137	0.091	0.107	1.03	1.13	1.12	1.01	
		Right Tilted	0.156	0.319	0.202	0.001	0.151	0.141	0.113	0.107	0.68	0.73	0.72	0.59	
		Left Cheek	0.188	0.343	0.312	0.179	0.253	0.309	0.203	0.107	0.84	0.89	0.95	0.91	
		Left Tilted	0.141	0.226	0.264	0.043	0.327	0.297	0.201	0.107	0.63	0.80	0.77	0.61	
LTE Band 26 Ant 1	FR1 n77 Ant 2	Right Cheek	0.745	0.592	0.157	0.043	0.145	0.137	0.091	0.107	1.49	1.59	1.58	1.47	
		Right Tilted	0.702	0.319	0.202	0.001	0.151	0.141	0.113	0.107	1.22	1.28	1.27	1.14	
		Left Cheek	0.555	0.343	0.312	0.179	0.253	0.309	0.203	0.107	1.21	1.26	1.31	1.28	
		Left Tilted	0.560	0.226	0.264	0.043	0.327	0.297	0.201	0.107	1.05	1.22	1.19	1.03	
LTE Band 7 Ant 0	FR1 n77 Ant 2	Right Cheek	0.099	0.592	0.157	0.043	0.145	0.137	0.091	0.107	0.85	0.94	0.94	0.83	
		Right Tilted	0.065	0.319	0.202	0.001	0.151	0.141	0.113	0.107	0.59	0.64	0.63	0.50	
		Left Cheek	0.109	0.343	0.312	0.179	0.253	0.309	0.203	0.107	0.76	0.81	0.87	0.83	
		Left Tilted	0.065	0.226	0.264	0.043	0.327	0.297	0.201	0.107	0.56	0.73	0.70	0.54	
LTE Band 7 Ant 1	FR1 n77 Ant 2	Right Cheek	0.684	0.592	0.157	0.043	0.145	0.137	0.091	0.107	1.43	1.53	1.52	1.41	
		Right Tilted	0.811	0.319	0.202	0.001	0.151	0.141	0.113	0.107	1.33	1.39	1.38	1.24	
		Left Cheek	0.729	0.343	0.312	0.179	0.253	0.309	0.203	0.107	1.38	1.43	1.49	1.45	
		Left Tilted	0.691	0.226	0.264	0.043	0.327	0.297	0.201	0.107	1.18	1.35	1.32	1.16	

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	1+2+3	1+2+5+8	1+2+6+8	1+2+4+7
			WWAN 1g SAR (W/kg)	FR1 1g SAR (W/kg)	WLAN2.4GHz Ant 6+3 non DBS 1g SAR (W/kg)	WLAN2.4GHz Ant 6 DBS 1g SAR (W/kg)	WLAN2.4GHz Ant 3 non DBS 1g SAR (W/kg)	WLAN 5GHz Ant 5+4 non BDS 1g SAR (W/kg)	WLAN 5GHz Ant 5 DBS 1g SAR (W/kg)	Bluetooth Ant 6 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
LTE Band 41 Ant 0	FR1 n77 Ant 2	Right Cheek	0.059	0.592	0.157	0.043	0.145	0.137	0.091	0.107	0.81	0.90	0.90	0.79
		Right Tilted		0.319	0.202	0.001	0.151	0.141	0.113	0.107	0.52	0.58	0.57	0.43
		Left Cheek	0.078	0.343	0.312	0.179	0.253	0.309	0.203	0.107	0.73	0.78	0.84	0.80
		Left Tilted		0.226	0.264	0.043	0.327	0.297	0.201	0.107	0.49	0.66	0.63	0.47
LTE Band 41 Ant 1	FR1 n77 Ant 2	Right Cheek	0.486	0.592	0.157	0.043	0.145	0.137	0.091	0.107	1.24	1.33	1.32	1.21
		Right Tilted	0.597	0.319	0.202	0.001	0.151	0.141	0.113	0.107	1.12	1.17	1.16	1.03
		Left Cheek	0.351	0.343	0.312	0.179	0.253	0.309	0.203	0.107	1.01	1.05	1.11	1.08
		Left Tilted	0.351	0.226	0.264	0.043	0.327	0.297	0.201	0.107	0.84	1.01	0.98	0.82
LTE Band 66 Ant 1	FR1 n2 Ant 0	Right Cheek	0.737	0.090	0.157	0.043	0.145	0.137	0.091	0.107	0.98	1.08	1.07	0.96
		Right Tilted	0.781	0.070	0.202	0.001	0.151	0.141	0.113	0.107	1.05	1.11	1.10	0.97
		Left Cheek	0.664	0.135	0.312	0.179	0.253	0.309	0.203	0.107	1.11	1.16	1.22	1.18
		Left Tilted	0.787	0.059	0.264	0.043	0.327	0.297	0.201	0.107	1.11	1.28	1.25	1.09



16.2 Hotspot Exposure Conditions

WWAN Band	Exposure Position	1	2	3	4	5	6	7	1+2	1+4+7	1+5+7	1+3+6	Case No
		WWAN	WLAN2.4GHz Ant 6+3 non DBS	WLAN2.4GHz Ant 6 DBS	WLAN2.4GHz Ant 3 non DBS	WLAN 5GHz Ant 5+4 non DBS	WLAN 5GHz Ant 5 DBS	Bluetooth Ant 6	Summed	Summed	Summed	Summed	
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
All Bands Ant1	Front	0.476	0.266	0.100	0.266	0.326	0.148	0.115	0.74	0.86	0.92	0.72	
	Back	0.676	0.416	0.252	0.416	0.389	0.271	0.116	1.09	1.21	1.18	1.20	
	Left side	0.282						0.001	0.28	0.28	0.28	0.28	
	Right side		0.525	0.302	0.068	0.348	0.289	0.158	0.53	0.23	0.51	0.59	
	Top side	0.715	0.688	0.043	0.673	0.690	0.366	0.014	1.40	1.40	1.42	1.12	
	Bottom side								0.00	0.00	0.00	0.00	
All Bands Ant2	Front	0.331	0.266	0.100	0.266	0.326	0.148	0.115	0.60	0.71	0.77	0.58	
	Back	0.506	0.416	0.252	0.416	0.389	0.271	0.116	0.92	1.04	1.01	1.03	
	Left side	0.741						0.001	0.74	0.74	0.74	0.74	
	Right side		0.525	0.302	0.068	0.348	0.289	0.158	0.53	0.23	0.51	0.59	
	Top side	0.099	0.688	0.043	0.673	0.690	0.366	0.014	0.79	0.79	0.80	0.51	
	Bottom side								0.00	0.00	0.00	0.00	
All Bands Ant4	Front	0.462	0.266	0.100	0.266	0.326	0.148	0.115	0.73	0.84	0.90	0.71	
	Back	0.464	0.416	0.252	0.416	0.389	0.271	0.116	0.88	1.00	0.97	0.99	
	Left side							0.001	0.00	0.00	0.00	0.00	
	Right side	0.114	0.525	0.302	0.068	0.348	0.289	0.158	0.64	0.34	0.62	0.71	
	Top side	0.746	0.688	0.043	0.673	0.690	0.366	0.014	1.43	1.43	1.45	1.16	
	Bottom side								0.00	0.00	0.00	0.00	
All Bands Ant5	Front	0.587	0.266	0.100	0.266	0.326	0.148	0.115	0.85	0.97	1.03	0.84	
	Back	0.677	0.416	0.252	0.416	0.389	0.271	0.116	1.09	1.21	1.18	1.20	
	Left side							0.001	0.00	0.00	0.00	0.00	
	Right side	0.339	0.525	0.302	0.068	0.348	0.289	0.158	0.86	0.57	0.85	0.93	
	Top side	0.728	0.688	0.043	0.673	0.690	0.366	0.014	1.42	1.42	1.43	1.14	
	Bottom side								0.00	0.00	0.00	0.00	
All Bands Ant7	Front	0.632	0.266	0.100	0.266	0.326	0.148	0.115	0.90	1.01	1.07	0.88	
	Back	0.770	0.416	0.252	0.416	0.389	0.271	0.116	1.19	1.30	1.28	1.29	
	Left side	1.170						0.001	1.17	1.17	1.17	1.17	
	Right side		0.525	0.302	0.068	0.348	0.289	0.158	0.53	0.23	0.51	0.59	
	Top side		0.688	0.043	0.673	0.690	0.366	0.014	0.69	0.69	0.70	0.41	
	Bottom side	0.458							0.46	0.46	0.46	0.46	
GSM850 Ant 0	Front	1.056	0.266	0.100	0.266	0.326	0.148	0.115	1.32	1.44	1.50	1.30	
	Back	1.236	0.416	0.252	0.416	0.389	0.271	0.116	1.65	1.77	1.74	1.76	5&6&7&8
	Left side	0.162						0.001	0.16	0.16	0.16	0.16	
	Right side	0.357	0.525	0.302	0.068	0.348	0.289	0.158	0.88	0.58	0.86	0.95	
	Top side		0.688	0.043	0.673	0.690	0.366	0.014	0.69	0.69	0.70	0.41	
	Bottom side	0.703							0.70	0.70	0.70	0.70	
GSM1900 Ant 0	Front	0.696	0.266	0.100	0.266	0.326	0.148	0.115	0.96	1.08	1.14	0.94	
	Back	0.988	0.416	0.252	0.416	0.389	0.271	0.116	1.40	1.52	1.49	1.51	
	Left side	0.026						0.001	0.03	0.03	0.03	0.03	
	Right side	0.071	0.525	0.302	0.068	0.348	0.289	0.158	0.60	0.30	0.58	0.66	
	Top side		0.688	0.043	0.673	0.690	0.366	0.014	0.69	0.69	0.70	0.41	
	Bottom side	1.411							1.41	1.41	1.41	1.41	
WCDMA II Ant 0	Front	0.492	0.266	0.100	0.266	0.326	0.148	0.115	0.76	0.87	0.93	0.74	
	Back	0.797	0.416	0.252	0.416	0.389	0.271	0.116	1.21	1.33	1.30	1.32	
	Left side	0.025						0.001	0.03	0.03	0.03	0.03	
	Right side	0.078	0.525	0.302	0.068	0.348	0.289	0.158	0.60	0.30	0.58	0.67	
	Top side		0.688	0.043	0.673	0.690	0.366	0.014	0.69	0.69	0.70	0.41	
	Bottom side	1.406							1.41	1.41	1.41	1.41	
WCDMA	Front	0.715	0.266	0.100	0.266	0.326	0.148	0.115	0.98	1.10	1.16	0.96	



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IV Ant 0	Back	1.009	0.416	0.252	0.416	0.389	0.271	0.116	1.43	1.54	1.51	1.53	
	Left side	0.024						0.001	0.02	0.03	0.03	0.02	
	Right side	0.083	0.525	0.302	0.068	0.348	0.289	0.158	0.61	0.31	0.59	0.67	
	Top side		0.688	0.043	0.673	0.690	0.366	0.014	0.69	0.69	0.70	0.41	
	Bottom side	1.268							1.27	1.27	1.27	1.27	
WCDMA V Ant 0	Front	1.120	0.266	0.100	0.266	0.326	0.148	0.115	1.39	1.50	1.56	1.37	
	Back	1.354	0.416	0.252	0.416	0.389	0.271	0.116	1.77	1.89	1.86	1.88	9&10&11&12
	Left side	0.156						0.001	0.16	0.16	0.16	0.16	
	Right side	0.362	0.525	0.302	0.068	0.348	0.289	0.158	0.89	0.59	0.87	0.95	
	Top side		0.688	0.043	0.673	0.690	0.366	0.014	0.69	0.69	0.70	0.41	
LTE Band 2 Ant 0	Bottom side	0.884							0.88	0.88	0.88	0.88	
	Front	0.722	0.266	0.100	0.266	0.326	0.148	0.115	0.99	1.10	1.16	0.97	
	Back	0.914	0.416	0.252	0.416	0.389	0.271	0.116	1.33	1.45	1.42	1.44	
	Left side	0.029						0.001	0.03	0.03	0.03	0.03	
	Right side	0.085	0.525	0.302	0.068	0.348	0.289	0.158	0.61	0.31	0.59	0.68	
LTE Band 7 Ant 0	Top side		0.688	0.043	0.673	0.690	0.366	0.014	0.69	0.69	0.70	0.41	
	Bottom side	1.376							1.38	1.38	1.38	1.38	
	Front	0.576	0.266	0.100	0.266	0.326	0.148	0.115	0.84	0.96	1.02	0.82	
	Back	1.087	0.416	0.252	0.416	0.389	0.271	0.116	1.50	1.62	1.59	1.61	13&15
	Left side	0.050						0.001	0.05	0.05	0.05	0.05	
LTE Band 12 Ant 0	Right side	0.044	0.525	0.302	0.068	0.348	0.289	0.158	0.57	0.27	0.55	0.64	
	Top side		0.688	0.043	0.673	0.690	0.366	0.014	0.69	0.69	0.70	0.41	
	Bottom side	1.359							1.36	1.36	1.36	1.36	
	Front	0.730	0.266	0.100	0.266	0.326	0.148	0.115	1.00	1.11	1.17	0.98	
	Back	1.104	0.416	0.252	0.416	0.389	0.271	0.116	1.52	1.64	1.61	1.63	16&17&18
LTE Band 13 Ant 0	Left side	0.109						0.001	0.11	0.11	0.11	0.11	
	Right side	0.340	0.525	0.302	0.068	0.348	0.289	0.158	0.87	0.57	0.85	0.93	
	Top side		0.688	0.043	0.673	0.690	0.366	0.014	0.69	0.69	0.70	0.41	
	Bottom side	0.702							0.70	0.70	0.70	0.70	
	Front	0.923	0.266	0.100	0.266	0.326	0.148	0.115	1.19	1.30	1.36	1.17	
LTE Band 26 Ant 0	Back	1.222	0.416	0.252	0.416	0.389	0.271	0.116	1.64	1.75	1.73	1.75	19&20&21&22
	Left side	0.243						0.001	0.24	0.24	0.24	0.24	
	Right side	0.450	0.525	0.302	0.068	0.348	0.289	0.158	0.98	0.68	0.96	1.04	
	Top side		0.688	0.043	0.673	0.690	0.366	0.014	0.69	0.69	0.70	0.41	
	Bottom side	0.737							0.74	0.74	0.74	0.74	
LTE Band 66 Ant 0	Front	1.073	0.266	0.100	0.266	0.326	0.148	0.115	1.34	1.45	1.51	1.32	
	Back	1.440	0.416	0.252	0.416	0.389	0.271	0.116	1.86	1.97	1.95	1.96	23&24&25&26
	Left side	0.156						0.001	0.16	0.16	0.16	0.16	
	Right side	0.371	0.525	0.302	0.068	0.348	0.289	0.158	0.90	0.60	0.88	0.96	
	Top side		0.688	0.043	0.673	0.690	0.366	0.014	0.69	0.69	0.70	0.41	
LTE Band 41 Ant 0	Bottom side	0.885							0.89	0.89	0.89	0.89	
	Front	0.744	0.266	0.100	0.266	0.326	0.148	0.115	1.01	1.13	1.19	0.99	
	Back	0.937	0.416	0.252	0.416	0.389	0.271	0.116	1.35	1.47	1.44	1.46	
	Left side	0.030						0.001	0.03	0.03	0.03	0.03	
	Right side	0.098	0.525	0.302	0.068	0.348	0.289	0.158	0.62	0.32	0.60	0.69	
FR1 n2 Ant 0	Top side		0.688	0.043	0.673	0.690	0.366	0.014	0.69	0.69	0.70	0.41	
	Bottom side	1.371							1.37	1.37	1.37	1.37	
	Front	0.466	0.266	0.100	0.266	0.326	0.148	0.115	0.73	0.85	0.91	0.71	
	Back	1.238	0.416	0.252	0.416	0.389	0.271	0.116	1.65	1.77	1.74	1.76	27&28&29&30
	Left side	0.041						0.001	0.04	0.04	0.04	0.04	
	Right side	0.034	0.525	0.302	0.068	0.348	0.289	0.158	0.56	0.26	0.54	0.63	
	Top side		0.688	0.043	0.673	0.690	0.366	0.014	0.69	0.69	0.70	0.41	
	Bottom side	0.917							0.92	0.92	0.92	0.92	
	Front	0.643	0.266	0.100	0.266	0.326	0.148	0.115	0.91	1.02	1.08	0.89	
	Back	0.793	0.416	0.252	0.416	0.389	0.271	0.116	1.21	1.33	1.30	1.32	
	Left side	0.027						0.001	0.03	0.03	0.03	0.03	



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	Right side	0.091	0.525	0.302	0.068	0.348	0.289	0.158	0.62	0.32	0.60	0.68	
	Top side		0.688	0.043	0.673	0.690	0.366	0.014	0.69	0.69	0.70	0.41	
	Bottom side	1.314							1.31	1.31	1.31	1.31	
FR1 n5 Ant 0	Front	0.713	0.266	0.100	0.266	0.326	0.148	0.115	0.98	1.09	1.15	0.96	
	Back	0.911	0.416	0.252	0.416	0.389	0.271	0.116	1.33	1.44	1.42	1.43	
	Left side	0.108						0.001	0.11	0.11	0.11	0.11	
	Right side	0.266	0.525	0.302	0.068	0.348	0.289	0.158	0.79	0.49	0.77	0.86	
	Top side		0.688	0.043	0.673	0.690	0.366	0.014	0.69	0.69	0.70	0.41	
	Bottom side	0.617							0.62	0.62	0.62	0.62	
FR1 n7 Ant 0	Front	0.636	0.266	0.100	0.266	0.326	0.148	0.115	0.90	1.02	1.08	0.88	
	Back	1.347	0.416	0.252	0.416	0.389	0.271	0.116	1.76	1.88	1.85	1.87	31&32&33&34
	Left side	0.042						0.001	0.04	0.04	0.04	0.04	
	Right side	0.042	0.525	0.302	0.068	0.348	0.289	0.158	0.57	0.27	0.55	0.63	
	Top side		0.688	0.043	0.673	0.690	0.366	0.014	0.69	0.69	0.70	0.41	
	Bottom side	1.286							1.29	1.29	1.29	1.29	
FR1 n66 Ant 0	Front	0.881	0.266	0.100	0.266	0.326	0.148	0.115	1.15	1.26	1.32	1.13	
	Back	1.091	0.416	0.252	0.416	0.389	0.271	0.116	1.51	1.62	1.60	1.61	35&36&37
	Left side	0.040						0.001	0.04	0.04	0.04	0.04	
	Right side	0.112	0.525	0.302	0.068	0.348	0.289	0.158	0.64	0.34	0.62	0.70	
	Top side		0.688	0.043	0.673	0.690	0.366	0.014	0.69	0.69	0.70	0.41	
	Bottom side	1.435							1.44	1.44	1.44	1.44	
FR1 n41 Ant 0	Front	0.526	0.266	0.100	0.266	0.326	0.148	0.115	0.79	0.91	0.97	0.77	
	Back	1.436	0.416	0.252	0.416	0.389	0.271	0.116	1.85	1.97	1.94	1.96	38&39&40&41
	Left side	0.056						0.001	0.06	0.06	0.06	0.06	
	Right side	0.049	0.525	0.302	0.068	0.348	0.289	0.158	0.57	0.28	0.56	0.64	
	Top side		0.688	0.043	0.673	0.690	0.366	0.014	0.69	0.69	0.70	0.41	
	Bottom side	1.099							1.10	1.10	1.10	1.10	

<Inter-Band UL CA>

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	1+2+3	1+2+5+8	1+2+6+8	1+2+4+7	Case No
			WWAN	WWAN	WLAN2.4GHz Ant 6+3 non DBS	WLAN2.4GHz Ant 6 DBS	WLAN2.4GHz Ant 3 non DBS	WLAN 5GHz Ant 5+4 non DBS	WLAN 5GHz Ant 5 DBS	Bluetooth Ant 6	Summed	Summed	Summed	Summed	
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
LTE Band 2 Ant 0	LTE Band 7 Ant 1	Front	0.722	0.326	0.266	0.100	0.266	0.326	0.148	0.115	1.31	1.43	1.49	1.30	
		Back	0.914	0.662	0.416	0.252	0.416	0.389	0.271	0.116	1.99	2.11	2.08	2.10	42&43&44&45
		Left side	0.029	0.048						0.001	0.08	0.08	0.08	0.08	
		Right side	0.085		0.525	0.302	0.068	0.348	0.289	0.158	0.61	0.31	0.59	0.68	
		Top side		0.658	0.688	0.043	0.673	0.690	0.366	0.014	1.35	1.35	1.36	1.07	
		Bottom side	1.376								1.38	1.38	1.38	1.38	
LTE Band 2 Ant 0	LTE Band 66(4) Ant 1	Front	0.722	0.393	0.266	0.100	0.266	0.326	0.148	0.115	1.38	1.50	1.56	1.36	
		Back	0.914	0.576	0.416	0.252	0.416	0.389	0.271	0.116	1.91	2.02	2.00	2.01	46&47&48&49
		Left side	0.029	0.145						0.001	0.17	0.18	0.18	0.17	
		Right side	0.085		0.525	0.302	0.068	0.348	0.289	0.158	0.61	0.31	0.59	0.68	
		Top side		0.639	0.688	0.043	0.673	0.690	0.366	0.014	1.33	1.33	1.34	1.05	
		Bottom side	1.376								1.38	1.38	1.38	1.38	
LTE Band 66(4) Ant 0	LTE Band 26(5) Ant 1	Front	0.744	0.293	0.266	0.100	0.266	0.326	0.148	0.115	1.30	1.42	1.48	1.29	
		Back	0.937	0.631	0.416	0.252	0.416	0.389	0.271	0.116	1.98	2.10	2.07	2.09	50&51&52&53
		Left side	0.030	0.181						0.001	0.21	0.21	0.21	0.21	
		Right side	0.098		0.525	0.302	0.068	0.348	0.289	0.158	0.62	0.32	0.60	0.69	
		Top side		0.509	0.688	0.043	0.673	0.690	0.366	0.014	1.20	1.20	1.21	0.92	
		Bottom side	1.371								1.37	1.37	1.37	1.37	
LTE Band 66(4) Ant 0	LTE Band 7 Ant 1	Front	0.744	0.326	0.266	0.100	0.266	0.326	0.148	0.115	1.34	1.45	1.51	1.32	
		Back	0.937	0.662	0.416	0.252	0.416	0.389	0.271	0.116	2.02	2.13	2.10	2.12	54&55&56&57
		Left side	0.030	0.048						0.001	0.08	0.08	0.08	0.08	
		Right side	0.098		0.525	0.302	0.068	0.348	0.289	0.158	0.62	0.32	0.60	0.69	



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		Top side		0.658	0.688	0.043	0.673	0.690	0.366	0.014	1.35	1.35	1.36	1.07	
		Bottom side	1.371								1.37	1.37	1.37	1.37	
LTE Band 66(4) Ant 1	LTE Band 7 Ant 0	Front	0.393	0.576	0.266	0.100	0.266	0.326	0.148	0.115	1.24	1.35	1.41	1.22	
		Back	0.576	1.087	0.416	0.252	0.416	0.389	0.271	0.116	2.08	2.20	2.17	2.19	58&59&60&61
		Left side	0.145	0.050						0.001	0.20	0.20	0.20	0.20	
		Right side		0.044	0.525	0.302	0.068	0.348	0.289	0.158	0.57	0.27	0.55	0.64	
		Top side	0.639		0.688	0.043	0.673	0.690	0.366	0.014	1.33	1.33	1.34	1.05	
		Bottom side		1.359							1.36	1.36	1.36	1.36	
LTE Band 26(5) Ant 0	LTE Band 7 Ant 1	Front	1.073	0.326	0.266	0.100	0.266	0.326	0.148	0.115	1.67	1.78	1.84	1.65	62&63&64&65
		Back	1.440	0.662	0.416	0.252	0.416	0.389	0.271	0.116	2.52	2.63	2.61	2.63	66&67&68&69
		Left side	0.156	0.048						0.001	0.20	0.21	0.21	0.20	
		Right side	0.371		0.525	0.302	0.068	0.348	0.289	0.158	0.90	0.60	0.88	0.96	
		Top side		0.658	0.688	0.043	0.673	0.690	0.366	0.014	1.35	1.35	1.36	1.07	
		Bottom side	0.885								0.89	0.89	0.89	0.89	
LTE Band 26(5) Ant 1	LTE Band 7 Ant 0	Front	0.293	0.576	0.266	0.100	0.266	0.326	0.148	0.115	1.14	1.25	1.31	1.12	
		Back	0.631	1.087	0.416	0.252	0.416	0.389	0.271	0.116	2.13	2.25	2.22	2.24	70&71&72&73
		Left side	0.181	0.050						0.001	0.23	0.23	0.23	0.23	
		Right side		0.044	0.525	0.302	0.068	0.348	0.289	0.158	0.57	0.27	0.55	0.64	
		Top side	0.509		0.688	0.043	0.673	0.690	0.366	0.014	1.20	1.20	1.21	0.92	
		Bottom side		1.359							1.36	1.36	1.36	1.36	
LTE Band 41 Ant 0	LTE Band 42 Ant 2	Front	0.466	0.202	0.266	0.100	0.266	0.326	0.148	0.115	0.93	1.05	1.11	0.92	
		Back	1.238	0.384	0.416	0.252	0.416	0.389	0.271	0.116	2.04	2.15	2.13	2.15	74&75&76&77
		Left side	0.041	0.505						0.001	0.55	0.55	0.55	0.55	
		Right side	0.034		0.525	0.302	0.068	0.348	0.289	0.158	0.56	0.26	0.54	0.63	
		Top side		0.034	0.688	0.043	0.673	0.690	0.366	0.014	0.72	0.72	0.74	0.44	
		Bottom side	0.917								0.92	0.92	0.92	0.92	
LTE Band 41 Ant 1	LTE Band 42 Ant 2	Front	0.310	0.202	0.266	0.100	0.266	0.326	0.148	0.115	0.78	0.89	0.95	0.76	
		Back	0.569	0.384	0.416	0.252	0.416	0.389	0.271	0.116	1.37	1.49	1.46	1.48	
		Left side	0.057	0.505						0.001	0.56	0.56	0.56	0.56	
		Right side			0.525	0.302	0.068	0.348	0.289	0.158	0.53	0.23	0.51	0.59	
		Top side	0.611	0.034	0.688	0.043	0.673	0.690	0.366	0.014	1.33	1.33	1.35	1.05	
		Bottom side									0.00	0.00	0.00	0.00	
LTE Band 2 Ant 0	LTE Band 26(5) Ant 1	Front	0.722	0.293	0.266	0.100	0.266	0.326	0.148	0.115	1.28	1.40	1.46	1.26	
		Back	0.914	0.631	0.416	0.252	0.416	0.389	0.271	0.116	1.96	2.08	2.05	2.07	209&210&211&212
		Left side	0.029	0.181						0.001	0.21	0.21	0.21	0.21	
		Right side	0.085		0.525	0.302	0.068	0.348	0.289	0.158	0.61	0.31	0.59	0.68	
		Top side		0.509	0.688	0.043	0.673	0.690	0.366	0.014	1.20	1.20	1.21	0.92	
		Bottom side	1.376								1.38	1.38	1.38	1.38	
LTE Band 66(4) Ant 1	LTE Band 26(5) Ant 0	Front	0.393	1.073	0.266	0.100	0.266	0.326	0.148	0.115	1.73	1.85	1.91	1.71	215&102&216&217
		Back	0.576	1.440	0.416	0.252	0.416	0.389	0.271	0.116	2.43	2.55	2.52	2.54	218&219&220&221
		Left side	0.145	0.156						0.001	0.30	0.30	0.30	0.30	
		Right side		0.371	0.525	0.302	0.068	0.348	0.289	0.158	0.90	0.60	0.88	0.96	
		Top side	0.639		0.688	0.043	0.673	0.690	0.366	0.014	1.33	1.33	1.34	1.05	
		Bottom side		0.885							0.89	0.89	0.89	0.89	



<5G NR ENDC>

WWAN Band		Exposure Position	1	2	3	4	5	6	7	8	1+2+3	1+2+5+8	1+2+6+8	1+2+4+7	Case No
			WWAN	FR1	WLAN2.4GHz Ant 6+3 non DBS	WLAN2.4GHz Ant 6 DBS	WLAN2.4GHz Ant 3 non DBS	WLAN 5GHz Ant 5+4 non DBS	WLAN 5GHz Ant 5 DBS	Bluetooth Ant 6	Summed	Summed	Summed	Summed	
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
LTE Band 7 Ant 0	FR1 n5 Ant 1	Front	0.576	0.312	0.266	0.100	0.266	0.326	0.148	0.115	1.15	1.27	1.33	1.14	78&79&80&81
		Back	1.087	0.536	0.416	0.252	0.416	0.389	0.271	0.116	2.04	2.16	2.13	2.15	
		Left side	0.050	0.228					0.001	0.28	0.28	0.28	0.28		
		Right side	0.044		0.525	0.302	0.068	0.348	0.289	0.158	0.57	0.27	0.55	0.64	
		Top side		0.600	0.688	0.043	0.673	0.690	0.366	0.014	1.29	1.29	1.30	1.01	
		Bottom side	1.359								1.36	1.36	1.36	1.36	
LTE Band 7 Ant 1	FR1 n5 Ant 0	Front	0.326	0.713	0.266	0.100	0.266	0.326	0.148	0.115	1.31	1.42	1.48	1.29	82&83&84&85
		Back	0.662	0.911	0.416	0.252	0.416	0.389	0.271	0.116	1.99	2.11	2.08	2.10	
		Left side	0.048	0.108					0.001	0.16	0.16	0.16	0.16		
		Right side		0.266	0.525	0.302	0.068	0.348	0.289	0.158	0.79	0.49	0.77	0.86	
		Top side	0.658		0.688	0.043	0.673	0.690	0.366	0.014	1.35	1.35	1.36	1.07	
		Bottom side		0.617							0.62	0.62	0.62	0.62	
LTE Band 26 Ant 1	FR1 n7 Ant 0	Front	0.293	0.636	0.266	0.100	0.266	0.326	0.148	0.115	1.20	1.31	1.37	1.18	86&87&88&89
		Back	0.631	1.347	0.416	0.252	0.416	0.389	0.271	0.116	2.39	2.51	2.48	2.50	
		Left side	0.181	0.042					0.001	0.22	0.22	0.22	0.22		
		Right side		0.042	0.525	0.302	0.068	0.348	0.289	0.158	0.57	0.27	0.55	0.63	
		Top side	0.509		0.688	0.043	0.673	0.690	0.366	0.014	1.20	1.20	1.21	0.92	
		Bottom side		1.286							1.29	1.29	1.29	1.29	
LTE Band 26 Ant 0	FR1 n7 Ant 1	Front	1.073	0.296	0.266	0.100	0.266	0.326	0.148	0.115	1.64	1.75	1.81	1.62	90&91&92&93
		Back	1.440	0.507	0.416	0.252	0.416	0.389	0.271	0.116	2.36	2.48	2.45	2.47	94&95&96&97
		Left side	0.156	0.045					0.001	0.20	0.20	0.20	0.20		
		Right side	0.371		0.525	0.302	0.068	0.348	0.289	0.158	0.90	0.60	0.88	0.96	
		Top side		0.676	0.688	0.043	0.673	0.690	0.366	0.014	1.36	1.36	1.38	1.09	
		Bottom side	0.885								0.89	0.89	0.89	0.89	
LTE Band 66 Ant 1	FR1 n7 Ant 0	Front	0.393	0.636	0.266	0.100	0.266	0.326	0.148	0.115	1.30	1.41	1.47	1.28	98&99&100&101
		Back	0.576	1.347	0.416	0.252	0.416	0.389	0.271	0.116	2.34	2.46	2.43	2.45	
		Left side	0.145	0.042					0.001	0.19	0.19	0.19	0.19		
		Right side		0.042	0.525	0.302	0.068	0.348	0.289	0.158	0.57	0.27	0.55	0.63	
		Top side	0.639		0.688	0.043	0.673	0.690	0.366	0.014	1.33	1.33	1.34	1.05	
		Bottom side		1.286							1.29	1.29	1.29	1.29	
LTE Band 2 Ant 0	FR1 n66 Ant 1	Front	0.722	0.476	0.266	0.100	0.266	0.326	0.148	0.115	1.46	1.58	1.64	1.45	103
		Back	0.914	0.632	0.416	0.252	0.416	0.389	0.271	0.116	1.96	2.08	2.05	2.07	104&105&106&107
		Left side	0.029	0.158					0.001	0.19	0.19	0.19	0.19		
		Right side	0.085		0.525	0.302	0.068	0.348	0.289	0.158	0.61	0.31	0.59	0.68	
		Top side		0.626	0.688	0.043	0.673	0.690	0.366	0.014	1.31	1.31	1.33	1.04	
		Bottom side	1.376								1.38	1.38	1.38	1.38	
LTE Band 26 Ant 1	FR1 n66 Ant 0	Front	0.293	0.881	0.266	0.100	0.266	0.326	0.148	0.115	1.44	1.56	1.62	1.42	108
		Back	0.631	1.091	0.416	0.252	0.416	0.389	0.271	0.116	2.14	2.25	2.23	2.25	109&110&111&112
		Left side	0.181	0.040					0.001	0.22	0.22	0.22	0.22		
		Right side		0.112	0.525	0.302	0.068	0.348	0.289	0.158	0.64	0.34	0.62	0.70	
		Top side	0.509		0.688	0.043	0.673	0.690	0.366	0.014	1.20	1.20	1.21	0.92	
		Bottom side		1.435							1.44	1.44	1.44	1.44	
LTE Band 7 Ant 0	FR1 n66 Ant 1	Front	0.576	0.476	0.266	0.100	0.266	0.326	0.148	0.115	1.32	1.43	1.49	1.30	113&114&115&116
		Back	1.087	0.632	0.416	0.252	0.416	0.389	0.271	0.116	2.14	2.25	2.22	2.24	
		Left side	0.050	0.158					0.001	0.21	0.21	0.21	0.21		
		Right side	0.044		0.525	0.302	0.068	0.348	0.289	0.158	0.57	0.27	0.55	0.64	
		Top side		0.626	0.688	0.043	0.673	0.690	0.366	0.014	1.31	1.31	1.33	1.04	
		Bottom side	1.359								1.36	1.36	1.36	1.36	
LTE Band	FR1 n41	Front	0.393	0.526	0.266	0.100	0.266	0.326	0.148	0.115	1.19	1.30	1.36	1.17	117&118&119&120
		Back	0.576	1.436	0.416	0.252	0.416	0.389	0.271	0.116	2.43	2.54	2.52	2.54	



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66 Ant 1	Ant 0	Left side	0.145	0.056					0.001	0.20	0.20	0.20	0.20	
		Right side		0.049	0.525	0.302	0.068	0.348	0.158	0.57	0.28	0.56	0.64	
		Top side	0.639		0.688	0.043	0.673	0.690	0.366	0.014	1.33	1.33	1.34	1.05
		Bottom side		1.099							1.10	1.10	1.10	1.10
LTE Band 2 Ant 0	FR1 n77 Ant 2	Front	0.722	0.331	0.266	0.100	0.266	0.326	0.148	0.115	1.32	1.43	1.49	1.30
		Back	0.914	0.372	0.416	0.252	0.416	0.389	0.271	0.116	1.70	1.82	1.79	1.81
		Left side	0.029	0.723					0.001	0.75	0.75	0.75	0.75	
		Right side	0.085		0.525	0.302	0.068	0.348	0.158	0.61	0.31	0.59	0.68	
		Top side		0.099	0.688	0.043	0.673	0.690	0.366	0.014	0.79	0.79	0.80	0.51
		Bottom side	1.376								1.38	1.38	1.38	1.38
LTE Band 2 Ant 1	FR1 n77 Ant 2	Front	0.357	0.331	0.266	0.100	0.266	0.326	0.148	0.115	0.95	1.07	1.13	0.94
		Back	0.556	0.372	0.416	0.252	0.416	0.389	0.271	0.116	1.34	1.46	1.43	1.45
		Left side	0.103	0.723					0.001	0.83	0.83	0.83	0.83	
		Right side			0.525	0.302	0.068	0.348	0.158	0.53	0.23	0.51	0.59	
		Top side	0.672	0.099	0.688	0.043	0.673	0.690	0.366	0.014	1.46	1.46	1.48	1.18
		Bottom side									0.00	0.00	0.00	0.00
LTE Band 66 Ant 0	FR1 n77 Ant 2	Front	0.744	0.331	0.266	0.100	0.266	0.326	0.148	0.115	1.34	1.46	1.52	1.32
		Back	0.937	0.372	0.416	0.252	0.416	0.389	0.271	0.116	1.73	1.84	1.81	1.83
		Left side	0.030	0.723					0.001	0.75	0.75	0.75	0.75	
		Right side	0.098		0.525	0.302	0.068	0.348	0.158	0.62	0.32	0.60	0.69	
		Top side		0.099	0.688	0.043	0.673	0.690	0.366	0.014	0.79	0.79	0.80	0.51
		Bottom side	1.371								1.37	1.37	1.37	1.37
LTE Band 66 Ant 1	FR1 n77 Ant 2	Front	0.393	0.331	0.266	0.100	0.266	0.326	0.148	0.115	0.99	1.11	1.17	0.97
		Back	0.576	0.372	0.416	0.252	0.416	0.389	0.271	0.116	1.36	1.48	1.45	1.47
		Left side	0.145	0.723					0.001	0.87	0.87	0.87	0.87	
		Right side			0.525	0.302	0.068	0.348	0.158	0.53	0.23	0.51	0.59	
		Top side	0.639	0.099	0.688	0.043	0.673	0.690	0.366	0.014	1.43	1.43	1.44	1.15
		Bottom side									0.00	0.00	0.00	0.00
LTE Band 26 Ant 0	FR1 n77 Ant 2	Front	1.073	0.331	0.266	0.100	0.266	0.326	0.148	0.115	1.67	1.79	1.85	1.65
		Back	1.440	0.372	0.416	0.252	0.416	0.389	0.271	0.116	2.23	2.34	2.32	2.34
		Left side	0.156	0.723					0.001	0.88	0.88	0.88	0.88	
		Right side	0.371		0.525	0.302	0.068	0.348	0.158	0.90	0.60	0.88	0.96	
		Top side		0.099	0.688	0.043	0.673	0.690	0.366	0.014	0.79	0.79	0.80	0.51
		Bottom side	0.885								0.89	0.89	0.89	0.89
LTE Band 26 Ant 1	FR1 n77 Ant 2	Front	0.293	0.331	0.266	0.100	0.266	0.326	0.148	0.115	0.89	1.01	1.07	0.87
		Back	0.631	0.372	0.416	0.252	0.416	0.389	0.271	0.116	1.42	1.54	1.51	1.53
		Left side	0.181	0.723					0.001	0.90	0.91	0.91	0.90	
		Right side			0.525	0.302	0.068	0.348	0.158	0.53	0.23	0.51	0.59	
		Top side	0.509	0.099	0.688	0.043	0.673	0.690	0.366	0.014	1.30	1.30	1.31	1.02
		Bottom side									0.00	0.00	0.00	0.00
LTE Band 7 Ant 0	FR1 n77 Ant 2	Front	0.576	0.331	0.266	0.100	0.266	0.326	0.148	0.115	1.17	1.29	1.35	1.16
		Back	1.087	0.372	0.416	0.252	0.416	0.389	0.271	0.116	1.88	1.99	1.96	1.98
		Left side	0.050	0.723					0.001	0.77	0.77	0.77	0.77	
		Right side	0.044		0.525	0.302	0.068	0.348	0.158	0.57	0.27	0.55	0.64	
		Top side		0.099	0.688	0.043	0.673	0.690	0.366	0.014	0.79	0.79	0.80	0.51
		Bottom side	1.359								1.36	1.36	1.36	1.36
LTE Band 7 Ant 1	FR1 n77 Ant 2	Front	0.326	0.331	0.266	0.100	0.266	0.326	0.148	0.115	0.92	1.04	1.10	0.91
		Back	0.662	0.372	0.416	0.252	0.416	0.389	0.271	0.116	1.45	1.57	1.54	1.56
		Left side	0.048	0.723					0.001	0.77	0.77	0.77	0.77	
		Right side			0.525	0.302	0.068	0.348	0.158	0.53	0.23	0.51	0.59	
		Top side	0.658	0.099	0.688	0.043	0.673	0.690	0.366	0.014	1.45	1.44	1.46	1.17
		Bottom side									0.00	0.00	0.00	0.00
LTE Band 41 Ant 0	FR1 n77 Ant 2	Front	0.466	0.331	0.266	0.100	0.266	0.326	0.148	0.115	1.06	1.18	1.24	1.05
		Back	1.238	0.372	0.416	0.252	0.416	0.389	0.271	0.116	2.03	2.14	2.12	2.13
		Left side	0.041	0.723					0.001	0.76	0.77	0.77	0.76	
		Right side	0.034		0.525	0.302	0.068	0.348	0.158	0.56	0.26	0.54	0.63	



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		Top side		0.099	0.688	0.043	0.673	0.690	0.366	0.014	0.79	0.79	0.80	0.51	
		Bottom side	0.917								0.92	0.92	0.92	0.92	
LTE Band 41 Ant 1	FR1 n77 Ant 2	Front	0.310	0.331	0.266	0.100	0.266	0.326	0.148	0.115	0.91	1.02	1.08	0.89	
		Back	0.569	0.372	0.416	0.252	0.416	0.389	0.271	0.116	1.36	1.47	1.45	1.46	
		Left side	0.057	0.723						0.001	0.78	0.78	0.78	0.78	
		Right side			0.525	0.302	0.068	0.348	0.289	0.158	0.53	0.23	0.51	0.59	
		Top side	0.611	0.099	0.688	0.043	0.673	0.690	0.366	0.014	1.40	1.40	1.41	1.12	
		Bottom side									0.00	0.00	0.00	0.00	
LTE Band 66 Ant 1	FR1 n2 Ant 0	Front	0.393	0.331	0.266	0.100	0.266	0.326	0.148	0.115	0.99	1.11	1.17	0.97	
		Back	0.576	0.372	0.416	0.252	0.416	0.389	0.271	0.116	1.36	1.48	1.45	1.47	
		Left side	0.145	0.723						0.001	0.87	0.87	0.87	0.87	
		Right side			0.525	0.302	0.068	0.348	0.289	0.158	0.53	0.23	0.51	0.59	
		Top side	0.639	0.099	0.688	0.043	0.673	0.690	0.366	0.014	1.43	1.43	1.44	1.15	
		Bottom side									0.00	0.00	0.00	0.00	



16.3 Body-Worn Accessory Exposure Conditions

WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	3+7	1+2	1+5+9	1+6+9	1+4+8	Case No
		WWAN 1g SAR (W/kg)	WLAN2.4G Hz Ant 6+3 non DBS 1g SAR (W/kg)	WLAN2.4G Hz Ant 6 DBS Only 1g SAR (W/kg)	WLAN2.4G Hz Ant 6 DBS 1g SAR (W/kg)	WLAN2.4G Hz Ant 3 non DBS 1g SAR (W/kg)	WLAN 5GHz Ant 5+4 non DBS 1g SAR (W/kg)	WLAN 5GHz Ant 5 DBS only 1g SAR (W/kg)	WLAN 5GHz Ant 5 DBS 1g SAR (W/kg)	Bluetooth Ant 6 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)	
All Bands Ant 1	Front	0.887	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	1.04	1.12	0.54	1.13	
	Back	1.168	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.47	1.46	0.73	1.56	
All Bands Ant 2	Front	0.795	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	0.94	1.03	0.54	1.04	
	Back	1.051	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.35	1.34	0.73	1.45	
All Bands Ant 4	Front	0.735	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	0.88	0.97	0.54	0.98	
	Back	0.920	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.22	1.21	0.73	1.32	
All Bands Ant 5	Front	1.119	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	1.27	1.35	0.54	1.36	
	Back	1.145	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.45	1.43	0.73	1.54	
GSM850 Ant 0	Front	1.056	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	1.21	1.29	0.54	1.30	
	Back	1.236	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.54	1.52	0.73	1.63	226
GSM1900 Ant 0	Front	0.798	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	0.95	1.03	0.54	1.04	
	Back	1.274	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.58	1.56	0.73	1.67	227
WCDMA II Ant 0	Front	0.948	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	1.10	1.18	0.54	1.19	
	Back	1.426	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.73	1.71	0.73	1.82	228&229&230
WCDMA IV Ant 0	Front	0.971	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	1.12	1.20	0.54	1.21	
	Back	1.397	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.70	1.69	0.73	1.79	231&232&233
WCDMA V Ant 0	Front	1.120	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	1.27	1.35	0.54	1.36	
	Back	1.354	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.66	1.64	0.73	1.75	234&235&236
LTE Band 2 Ant 0	Front	0.963	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	1.11	1.19	0.54	1.21	
	Back	1.173	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.47	1.46	0.73	1.57	
LTE Band 7 Ant 0	Front	0.560	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	0.71	0.79	0.54	0.80	
	Back	1.027	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.33	1.32	0.73	1.42	
LTE Band 12 Ant 0	Front	0.730	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	0.88	0.96	0.54	0.97	
	Back	1.104	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.41	1.39	0.73	1.50	
LTE Band 13 Ant 0	Front	0.923	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	1.07	1.15	0.54	1.17	
	Back	1.222	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.52	1.51	0.73	1.62	237
LTE Band 26 Ant 0	Front	1.073	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	1.22	1.30	0.54	1.32	
	Back	1.440	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.74	1.73	0.73	1.84	238&239&240
LTE Band 66 Ant 0	Front	0.947	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	1.10	1.18	0.54	1.19	
	Back	1.302	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.60	1.59	0.73	1.70	241&242
LTE Band 41 Ant 0	Front	0.466	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	0.62	0.70	0.54	0.71	
	Back	1.238	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.54	1.53	0.73	1.63	243
FR1 n2 Ant 0	Front	1.081	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	1.23	1.31	0.54	1.32	
	Back	1.323	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.62	1.61	0.73	1.72	244&245&246
FR1 n5 Ant 0	Front	0.713	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	0.86	0.94	0.54	0.96	
	Back	0.911	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.21	1.20	0.73	1.31	
FR1 n7 Ant 0	Front	0.636	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	0.79	0.87	0.54	0.88	
	Back	1.347	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.65	1.64	0.73	1.74	247&248&249
FR1 n66 Ant 0	Front	1.078	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	1.23	1.31	0.54	1.32	
	Back	1.336	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.64	1.62	0.73	1.73	250&251&252
FR1 n41 Ant 0	Front	0.526	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	0.68	0.76	0.54	0.77	
	Back	1.436	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.74	1.72	0.73	1.83	253&254&255
FR1 n77 Ant 7	Front	0.975	0.149	0.771	0.076	0.116	0.278	0.799	0.166	0.115	1.57	1.12	1.21	0.54	1.22	
	Back	1.153	0.301	0.771	0.213	0.172	0.312	0.799	0.182	0.116	1.57	1.45	1.44	0.73	1.55	



<Inter-Band UL CA>

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	1+2+3	1+2+5+8	1+2+6+8	1+2+4+7	Case No
			WWAN 1g SAR (W/kg)	WWAN 1g SAR (W/kg)	WLAN2.4GHz Ant 6+3 non DBD 1g SAR (W/kg)	WLAN2.4GHz Ant 6 DBS 1g SAR (W/kg)	WLAN2.4GHz Ant 3 non DBS 1g SAR (W/kg)	WLAN 5GHz Ant 5+4 non BDS 1g SAR (W/kg)	WLAN 5GHz Ant 5 DBS 1g SAR (W/kg)	Bluetooth Ant 6 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	
LTE Band 2 Ant 0	LTE Band 26(5) Ant 1	Front	0.963	0.710	0.149	0.076	0.116	0.278	0.166	0.115	1.82	1.90	2.07	1.92	256&257&258&259
		Back	1.173	1.021	0.301	0.213	0.172	0.312	0.182	0.116	2.50	2.48	2.62	2.59	260&261&262&263
LTE Band 2 Ant 0	LTE Band 7 Ant 1	Front	0.963	0.561	0.149	0.076	0.116	0.278	0.166	0.115	1.67	1.76	1.92	1.77	264&265&266&267
		Back	1.173	1.166	0.301	0.213	0.172	0.312	0.182	0.116	2.64	2.63	2.77	2.73	268&269&270&271
LTE Band 2 Ant 0	LTE Band 66(4) Ant 1	Front	0.963	0.661	0.149	0.076	0.116	0.278	0.166	0.115	1.77	1.86	2.02	1.87	272&273&274&275
		Back	1.173	1.168	0.301	0.213	0.172	0.312	0.182	0.116	2.64	2.63	2.77	2.74	276&277&278&279
LTE Band 66(4) Ant 0	LTE Band 26(5) Ant 1	Front	0.947	0.710	0.149	0.076	0.116	0.278	0.166	0.115	1.81	1.89	2.05	1.90	280&281&282&283
		Back	1.302	1.021	0.301	0.213	0.172	0.312	0.182	0.116	2.62	2.61	2.75	2.72	284&285&286&287
LTE Band 66(4) Ant 1	LTE Band 26(5) Ant 0	Front	0.661	1.073	0.149	0.076	0.116	0.278	0.166	0.115	1.88	1.97	2.13	1.98	288&289&290&291
		Back	1.168	1.440	0.301	0.213	0.172	0.312	0.182	0.116	2.91	2.90	3.04	3.00	292&293&294&295
LTE Band 66(4) Ant 0	LTE Band 7 Ant 1	Front	0.947	0.561	0.149	0.076	0.116	0.278	0.166	0.115	1.66	1.74	1.90	1.75	296&297&298&299
		Back	1.302	1.166	0.301	0.213	0.172	0.312	0.182	0.116	2.77	2.76	2.90	2.86	300&301&302&303
LTE Band 66(4) Ant 1	LTE Band 7 Ant 0	Front	0.661	0.560	0.149	0.076	0.116	0.278	0.166	0.115	1.37	1.45	1.61	1.46	304
		Back	1.168	1.027	0.301	0.213	0.172	0.312	0.182	0.116	2.50	2.48	2.62	2.59	305&306&307&308
LTE Band 26(5) Ant 0	LTE Band 7 Ant 1	Front	1.073	0.561	0.149	0.076	0.116	0.278	0.166	0.115	1.78	1.87	2.03	1.88	309&310&311&312
		Back	1.440	1.166	0.301	0.213	0.172	0.312	0.182	0.116	2.91	2.89	3.03	3.00	313&314&315&316
LTE Band 26(5) Ant 1	LTE Band 7 Ant 0	Front	0.710	0.560	0.149	0.076	0.116	0.278	0.166	0.115	1.42	1.50	1.66	1.51	317
		Back	1.021	1.027	0.301	0.213	0.172	0.312	0.182	0.116	2.35	2.34	2.48	2.44	318&319&320&321
LTE Band 41 Ant 0	LTE Band 42 Ant 2	Front	0.466	0.284	0.149	0.076	0.116	0.278	0.166	0.115	0.90	0.98	1.14	0.99	
		Back	1.238	0.533	0.301	0.213	0.172	0.312	0.182	0.116	2.07	2.06	2.20	2.17	322&323&324&325
LTE Band 41 Ant 1	LTE Band 42 Ant 2	Front	0.302	0.284	0.149	0.076	0.116	0.278	0.166	0.115	0.74	0.82	0.98	0.83	
		Back	0.558	0.533	0.301	0.213	0.172	0.312	0.182	0.116	1.39	1.38	1.52	1.49	

<5G NR ENDC>

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	1+2+3	1+2+5+8	1+2+6+8	1+2+4+7	Case No
			WWAN 1g SAR (W/kg)	FR1 1g SAR (W/kg)	WLAN2.4GHz Ant 6+3 non DBS 1g SAR (W/kg)	WLAN2.4GHz Ant 6 DBS 1g SAR (W/kg)	WLAN2.4GHz Ant 3 non DBS 1g SAR (W/kg)	WLAN 5GHz Ant 5+4 non BDS 1g SAR (W/kg)	WLAN 5GHz Ant 5 DBS 1g SAR (W/kg)	Bluetooth Ant 6 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	
LTE Band 7 Ant 0	FR1 n5 Ant 1	Front	0.560	0.312	0.149	0.076	0.116	0.278	0.166	0.115	1.02	1.10	1.27	1.11	
		Back	1.027	0.536	0.301	0.213	0.172	0.312	0.182	0.116	1.86	1.85	1.99	1.96	326&327&328&329
LTE Band 7 Ant 1	FR1 n5 Ant 0	Front	0.561	0.713	0.149	0.076	0.116	0.278	0.166	0.115	1.42	1.51	1.67	1.52	330
		Back	1.166	0.911	0.301	0.213	0.172	0.312	0.182	0.116	2.38	2.37	2.51	2.47	331&332&333&334
LTE Band 26 Ant 1	FR1 n7 Ant 0	Front	0.487	0.636	0.149	0.076	0.116	0.278	0.166	0.115	1.27	1.35	1.52	1.37	
		Back	1.048	1.347	0.301	0.213	0.172	0.312	0.182	0.116	2.70	2.68	2.82	2.79	335&336&337&338
LTE Band 26 Ant 0	FR1 n7 Ant 1	Front	1.073	0.622	0.149	0.076	0.116	0.278	0.166	0.115	1.84	1.93	2.09	1.94	339&340&341&342
		Back	1.440	1.061	0.301	0.213	0.172	0.312	0.182	0.116	2.80	2.79	2.93	2.90	343&344&345&346
LTE Band 66 Ant 1	FR1 n7 Ant 0	Front	0.661	0.636	0.149	0.076	0.116	0.278	0.166	0.115	1.45	1.53	1.69	1.54	347
		Back	1.168	1.347	0.301	0.213	0.172	0.312	0.182	0.116	2.82	2.80	2.94	2.91	348&349&350&351
LTE Band 2 Ant 0	FR1 n66 Ant 1	Front	0.963	0.823	0.149	0.076	0.116	0.278	0.166	0.115	1.94	2.02	2.18	2.03	352&353&354&355
		Back	1.173	1.094	0.301	0.213	0.172	0.312	0.182	0.116	2.57	2.56	2.70	2.66	356&357&358&359
LTE Band 26 Ant 1	FR1 n66 Ant 0	Front	0.487	1.078	0.149	0.076	0.116	0.278	0.166	0.115	1.71	1.80	1.96	1.81	360&361&362&363
		Back	1.048	1.336	0.301	0.213	0.172	0.312	0.182	0.116	2.69	2.67	2.81	2.78	364&365&366&367
LTE Band 7 Ant 0	FR1 n66 Ant 1	Front	0.560	0.823	0.149	0.076	0.116	0.278	0.166	0.115	1.53	1.61	1.78	1.63	368&369&370
		Back	1.027	1.094	0.301	0.213	0.172	0.312	0.182	0.116	2.42	2.41	2.55	2.52	371&372&373&374
LTE Band 66 Ant 1	FR1 n41 Ant 0	Front	0.661	0.526	0.149	0.076	0.116	0.278	0.166	0.115	1.34	1.42	1.58	1.43	
		Back	1.168	1.436	0.301	0.213	0.172	0.312	0.182	0.116	2.91	2.89	3.03	3.00	375&376&377&378
LTE Band 2 Ant 0	FR1 n77 Ant 2	Front	0.963	0.321	0.149	0.076	0.116	0.278	0.166	0.115	1.43	1.52	1.68	1.53	379
		Back	1.173	0.518	0.301	0.213	0.172	0.312	0.182	0.116	1.99	1.98	2.12	2.09	380&381&382&383



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LTE Band 2 Ant 1	FR1 n77 Ant 2	Front	0.710	0.321	0.149	0.076	0.116	0.278	0.166	0.115	1.18	1.26	1.42	1.27	
		Back	0.554	0.518	0.301	0.213	0.172	0.312	0.182	0.116	1.37	1.36	1.50	1.47	
LTE Band 66 Ant 0	FR1 n77 Ant 2	Front	0.947	0.321	0.149	0.076	0.116	0.278	0.166	0.115	1.42	1.50	1.66	1.51	384
		Back	1.302	0.518	0.301	0.213	0.172	0.312	0.182	0.116	2.12	2.11	2.25	2.22	385&386&387&388
LTE Band 66 Ant 1	FR1 n77 Ant 2	Front	0.661	0.321	0.149	0.076	0.116	0.278	0.166	0.115	1.13	1.21	1.38	1.22	
		Back	0.534	0.518	0.301	0.213	0.172	0.312	0.182	0.116	1.35	1.34	1.48	1.45	
LTE Band 26 Ant 0	FR1 n77 Ant 2	Front	1.073	0.321	0.149	0.076	0.116	0.278	0.166	0.115	1.54	1.63	1.79	1.64	389&390&391
		Back	1.440	0.518	0.301	0.213	0.172	0.312	0.182	0.116	2.26	2.25	2.39	2.35	392&393&394&395
LTE Band 26 Ant 1	FR1 n77 Ant 2	Front	0.487	0.321	0.149	0.076	0.116	0.278	0.166	0.115	0.96	1.04	1.20	1.05	
		Back	0.539	0.518	0.301	0.213	0.172	0.312	0.182	0.116	1.36	1.35	1.49	1.45	
LTE Band 7 Ant 0	FR1 n77 Ant 2	Front	0.560	0.321	0.149	0.076	0.116	0.278	0.166	0.115	1.03	1.11	1.27	1.12	
		Back	1.027	0.518	0.301	0.213	0.172	0.312	0.182	0.116	1.85	1.83	1.97	1.94	396&397&398&399
LTE Band 7 Ant 1	FR1 n77 Ant 2	Front	0.561	0.321	0.149	0.076	0.116	0.278	0.166	0.115	1.03	1.11	1.28	1.12	
		Back	0.554	0.518	0.301	0.213	0.172	0.312	0.182	0.116	1.37	1.36	1.50	1.47	
LTE Band 41 Ant 0	FR1 n77 Ant 2	Front	0.466	0.321	0.149	0.076	0.116	0.278	0.166	0.115	0.94	1.02	1.18	1.03	
		Back	1.238	0.518	0.301	0.213	0.172	0.312	0.182	0.116	2.06	2.04	2.18	2.15	400&401&402&403

WWAN Band	FR1 Band	Exposure Position	1 WWAN 1g SAR (W/kg)	2 FR1 1g SAR (W/kg)	3 WLAN2.4GHz Ant 6+3 non DBS 1g SAR (W/kg)	4 WLAN2.4GHz Ant 6 DBS 1g SAR (W/kg)	5 WLAN2.4GHz Ant 3 non DBS 1g SAR (W/kg)	6 WLAN 5GHz Ant 5+4 non BDS 1g SAR (W/kg)	7 WLAN 5GHz Ant 5 DBS 1g SAR (W/kg)	8 Bluetooth Ant 6 1g SAR (W/kg)	1+2+3 Summed 1g SAR (W/kg)	1+2+5+8 Summed 1g SAR (W/kg)	1+2+6+8 Summed 1g SAR (W/kg)	1+2+4+7 Summed 1g SAR (W/kg)	Case No
LTE Band 41 Ant 1	FR1 n77 Ant 2	Front	0.302	0.321	0.149	0.076	0.116	0.278	0.166	0.115	0.77	0.85	1.02	0.87	
		Back	0.558	0.518	0.301	0.213	0.172	0.312	0.182	0.116	1.38	1.36	1.50	1.47	
LTE Band 66 Ant 1	FR1 n2 Ant 0	Front	0.661	1.081	0.149	0.076	0.116	0.278	0.166	0.115	1.89	1.97	2.14	1.98	404&405&406&407
		Back	1.168	1.323	0.301	0.213	0.172	0.312	0.182	0.116	2.79	2.78	2.92	2.89	408&409&410&414

<Sensor off>

WWAN Band	Exposure Position	1 WWAN 1g SAR (W/kg)	2 WLAN2.4GHz Ant 6+3 1g SAR (W/kg)	3 WLAN 5GHz Ant 5+4 1g SAR (W/kg)	1+2+3 Summed 1g SAR (W/kg)
All Bands	Front	0.795	0.080	0.190	1.07
	Back	1.032	0.130	0.201	1.36

16.4 Product specific 10g SAR Exposure Conditions

Remark:

- 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.

WWAN Band	Exposure Position	1	2	3	4	5	6	7	1+2+7	1+4+7	1+5+7	1+3+6+7	Case No
		WWAN	WLAN2.4GHz Ant 6+3 non DBS	WLAN2.4GHz Ant 6 DBS	WLAN2.4GHz Ant 3 non DBS	WLAN 5GHz Ant 5+4 non DBS	WLAN 5GHz Ant 5 DBS	NFC	Summed	Summed	Summed	Summed	
		10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	
All Band Ant1	Front	1.902				1.123	0.921	0.003	1.91	1.91	3.03	2.83	
	Back	2.600	0.525		0.303	0.356	0.206	0.020	3.15	2.92	2.98	2.83	
	Left side							0.003	0.00	0.00	0.00	0.00	
	Right side		0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
	Top side	2.731	1.067		1.016	1.136	1.075	0.001	3.80	3.75	3.87	3.81	
	Bottom side							0.001	0.00	0.00	0.00	0.00	
All Band Ant2	Front					1.123	0.921	0.003	0.00	0.00	1.13	0.92	
	Back		0.525		0.303	0.356	0.206	0.020	0.55	0.32	0.38	0.23	
	Left side	1.736						0.003	1.74	1.74	1.74	1.74	
	Right side		0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
	Top side		1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
	Bottom side							0.001	0.00	0.00	0.00	0.00	
All Band Ant4	Front					1.123	0.921	0.003	0.00	0.00	1.13	0.92	
	Back		0.525		0.303	0.356	0.206	0.020	0.55	0.32	0.38	0.23	
	Left side							0.003	0.00	0.00	0.00	0.00	
	Right side		0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
	Top side	1.460	1.067		1.016	1.136	1.075	0.001	2.53	2.48	2.60	2.54	
	Bottom side							0.001	0.00	0.00	0.00	0.00	
All Band Ant5	Front					1.123	0.921	0.003	0.00	0.00	1.13	0.92	
	Back		0.525		0.303	0.356	0.206	0.020	0.55	0.32	0.38	0.23	
	Left side							0.003	0.00	0.00	0.00	0.00	
	Right side		0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
	Top side		1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
	Bottom side							0.001	0.00	0.00	0.00	0.00	
All Band Ant7	Front					1.123	0.921	0.003	0.00	0.00	1.13	0.92	
	Back	1.653	0.525		0.303	0.356	0.206	0.020	2.20	1.98	2.03	1.88	
	Left side	1.438						0.003	1.44	1.44	1.44	1.44	
	Right side		0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
	Top side		1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
	Bottom side	0.591						0.001	0.59	0.59	0.59	0.59	
GSM850 Ant 0	Front	2.301				1.123	0.921	0.003	2.30	2.30	3.43	3.23	
	Back	2.167	0.525		0.303	0.356	0.206	0.020	2.71	2.49	2.54	2.39	
	Left side							0.003	0.00	0.00	0.00	0.00	
	Right side		0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
	Top side		1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
	Bottom side	1.303						0.001	1.30	1.30	1.30	1.30	
GSM1900 Ant 0	Front	3.337				1.123	0.921	0.003	3.34	3.34	4.46	4.26	145&146
	Back	3.097	0.525		0.303	0.356	0.206	0.020	3.64	3.42	3.47	3.32	
	Left side							0.003	0.00	0.00	0.00	0.00	
	Right side		0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
	Top side		1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
	Bottom side	1.457						0.001	1.46	1.46	1.46	1.46	
WCDMA IV Ant 0	Front	3.522				1.123	0.921	0.003	3.53	3.53	4.65	4.45	147&148
	Back	3.292	0.525		0.303	0.356	0.206	0.020	3.84	3.62	3.67	3.52	
	Left side							0.003	0.00	0.00	0.00	0.00	



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	Right side		0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
	Top side		1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
	Bottom side	0.939						0.001	0.94	0.94	0.94	0.94	
WCDMA V Ant 0	Front					1.123	0.921	0.003	0.00	0.00	1.13	0.92	
	Back	1.396	0.525		0.303	0.356	0.206	0.020	1.94	1.72	1.77	1.62	
	Left side							0.003	0.00	0.00	0.00	0.00	
	Right side		0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
	Top side		1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
	Bottom side							0.001	0.00	0.00	0.00	0.00	
LTE Band 2 Ant 0	Front	3.277				1.123	0.921	0.003	3.28	3.28	4.40	4.20	149&150
	Back	2.982	0.525		0.303	0.356	0.206	0.020	3.53	3.31	3.36	3.21	
	Left side							0.003	0.00	0.00	0.00	0.00	
	Right side		0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
	Top side		1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
	Bottom side	1.623						0.001	1.62	1.62	1.62	1.62	
LTE Band 7 Ant 0	Front	0.958				1.123	0.921	0.003	0.96	0.96	2.08	1.88	
	Back	1.381	0.525		0.303	0.356	0.206	0.020	1.93	1.70	1.76	1.61	
	Left side							0.003	0.00	0.00	0.00	0.00	
	Right side		0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
	Top side		1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
	Bottom side	0.515						0.001	0.52	0.52	0.52	0.52	
LTE Band 26 Ant 0	Front					1.123	0.921	0.003	0.00	0.00	1.13	0.92	
	Back	1.534	0.525		0.303	0.356	0.206	0.020	2.08	1.86	1.91	1.76	
	Left side							0.003	0.00	0.00	0.00	0.00	
	Right side		0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
	Top side		1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
	Bottom side							0.001	0.00	0.00	0.00	0.00	
LTE Band 66 Ant 0	Front	3.521				1.123	0.921	0.003	3.52	3.52	4.65	4.45	151&152
	Back	3.298	0.525		0.303	0.356	0.206	0.020	3.84	3.62	3.67	3.52	
	Left side							0.003	0.00	0.00	0.00	0.00	
	Right side		0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
	Top side		1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
	Bottom side	0.939						0.001	0.94	0.94	0.94	0.94	
LTE Band 41 Ant 0	Front	0.711				1.123	0.921	0.003	0.71	0.71	1.84	1.64	
	Back	1.087	0.525		0.303	0.356	0.206	0.020	1.63	1.41	1.46	1.31	
	Left side							0.003	0.00	0.00	0.00	0.00	
	Right side		0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
	Top side		1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
	Bottom side	0.386						0.001	0.39	0.39	0.39	0.39	
FR1 n2 Ant 0	Front	3.252				1.123	0.921	0.003	3.26	3.26	4.38	4.18	153&154
	Back	2.995	0.525		0.303	0.356	0.206	0.020	3.54	3.32	3.37	3.22	
	Left side							0.003	0.00	0.00	0.00	0.00	
	Right side		0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
	Top side		1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
	Bottom side	1.889						0.001	1.89	1.89	1.89	1.89	
FR1 n7 Ant 0	Front	0.975				1.123	0.921	0.003	0.98	0.98	2.10	1.90	
	Back	1.543	0.525		0.303	0.356	0.206	0.020	2.09	1.87	1.92	1.77	
	Left side							0.003	0.00	0.00	0.00	0.00	
	Right side		0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
	Top side		1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
	Bottom side	0.568						0.001	0.57	0.57	0.57	0.57	
FR1 n66 Ant 0	Front	3.453				1.123	0.921	0.003	3.46	3.46	4.58	4.38	155&156
	Back	3.171	0.525		0.303	0.356	0.206	0.020	3.72	3.49	3.55	3.40	
	Left side							0.003	0.00	0.00	0.00	0.00	
	Right side		0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
	Top side		1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	



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FR1 n41 Ant 0	Bottom side	0.926						0.001	0.93	0.93	0.93	0.93	
	Front	0.849					1.123	0.921	0.003	0.85	0.85	1.98	1.77
	Back	1.629	0.525			0.303	0.356	0.206	0.020	2.17	1.95	2.01	1.86
	Left side								0.003	0.00	0.00	0.00	0.00
	Right side		0.978	0.706			0.498	0.498	0.002	0.98	0.00	0.50	1.21
	Top side		1.067			1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08
	Bottom side	0.459							0.001	0.46	0.46	0.46	0.46
LTE Band 13 Ant 0	Front						1.123	0.921	0.003	0.00	0.00	1.13	0.92
	Back	1.066	0.525			0.303	0.356	0.206	0.020	1.61	1.39	1.44	1.29
	Left side								0.003	0.00	0.00	0.00	0.00
	Right side		0.978	0.706			0.498	0.498	0.002	0.98	0.00	0.50	1.21
	Top side		1.067			1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08
	Bottom side								0.001	0.00	0.00	0.00	0.00

<Inter-Band UL CA>

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	1+2+3+8	1+2+5+8	1+2+6+8	1+2+4+7+8	Case No
			WWAN	WWAN	WLAN2.4GHz Ant 6+3 non DBS	WLAN2.4GHz Ant 6 DBS	WLAN2.4GHz Ant 3 non DBS	WLAN 5GHz Ant 5+4 non DBS	WLAN 5GHz Ant 5 DBS	NFC	Summed	Summed	Summed	Summed	
			10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	
LTE Band 2 Ant 0	LTE Band 7 Ant 1	Front	3.277					1.123	0.921	0.003	3.28	3.28	4.40	4.20	157&158
		Back	2.982		0.525		0.303	0.356	0.206	0.020	3.53	3.31	3.36	3.21	
		Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
		Bottom side	1.623							0.001	1.62	1.62	1.62	1.62	
LTE Band 2 Ant 0	LTE Band 6(4) Ant 1	Front	3.277	1.672				1.123	0.921	0.003	4.95	4.95	6.08	5.87	159&160&161&162
		Back	2.982	2.319	0.525		0.303	0.356	0.206	0.020	5.85	5.62	5.68	5.53	174&175&163&164
		Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side		2.394	1.067		1.016	1.136	1.075	0.001	3.46	3.41	3.53	3.47	
		Bottom side	1.623							0.001	1.62	1.62	1.62	1.62	
LTE Band 6(4) Ant 0	LTE Band 26(5) Ant 1	Front	3.521					1.123	0.921	0.003	3.52	3.52	4.65	4.45	165&166
		Back	3.298		0.525		0.303	0.356	0.206	0.020	3.84	3.62	3.67	3.52	
		Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
		Bottom side	0.939							0.001	0.94	0.94	0.94	0.94	
LTE Band 6(4) Ant 0	LTE Band 7 Ant 1	Front	3.521					1.123	0.921	0.003	3.52	3.52	4.65	4.45	167&168
		Back	3.298		0.525		0.303	0.356	0.206	0.020	3.84	3.62	3.67	3.52	
		Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
		Bottom side	0.939							0.001	0.94	0.94	0.94	0.94	
LTE Band 6(4) Ant 1	LTE Band 7 Ant 0	Front	1.672	0.958				1.123	0.921	0.003	2.63	2.63	3.76	3.55	
		Back	2.319	1.381	0.525		0.303	0.356	0.206	0.020	4.25	4.02	4.08	3.93	170&171&172
		Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side	2.394		1.067		1.016	1.136	1.075	0.001	3.46	3.41	3.53	3.47	
		Bottom side		0.515						0.001	0.52	0.52	0.52	0.52	
LTE Band 26(5) Ant 0	LTE Band 7 Ant 1	Front						1.123	0.921	0.003	0.00	0.00	1.13	0.92	
		Back	1.534		0.525		0.303	0.356	0.206	0.020	2.08	1.86	1.91	1.76	
		Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
		Bottom side								0.001	0.00	0.00	0.00	0.00	



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LTE Band 26(5) Ant 1	LTE Band 7 Ant 0	Front		0.958				1.123	0.921	0.003	0.96	0.96	2.08	1.88	
		Back		1.381	0.525		0.303	0.356	0.206	0.020	1.93	1.70	1.76	1.61	
		Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
		Bottom side		0.515						0.001	0.52	0.52	0.52	0.52	
LTE Band 41 Ant 0	LTE Band 42 Ant 2	Front	0.711					1.123	0.921	0.003	0.71	0.71	1.84	1.64	
		Back	1.087		0.525		0.303	0.356	0.206	0.020	1.63	1.41	1.46	1.31	
		Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
		Bottom side	0.386							0.001	0.39	0.39	0.39	0.39	
LTE Band 41 Ant 1	LTE Band 42 Ant 2	Front						1.123	0.921	0.003	0.00	0.00	1.13	0.92	
		Back			0.525		0.303	0.356	0.206	0.020	0.55	0.32	0.38	0.23	
		Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
		Bottom side								0.001	0.00	0.00	0.00	0.00	
LTE Band 2 Ant 0	LTE Band 26(5) Ant 1	Front	3.277					1.123	0.921	0.003	3.28	3.28	4.40	4.20	213&214
		Back	2.982		0.525		0.303	0.356	0.206	0.020	3.53	3.31	3.36	3.21	
		Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
		Bottom side	1.623							0.001	1.62	1.62	1.62	1.62	
LTE Band 66(4) Ant 1	LTE Band 26(5) Ant 0	Front	1.672					1.123	0.921	0.003	1.68	1.68	2.80	2.60	
		Back	2.319	1.534	0.525		0.303	0.356	0.206	0.020	4.40	4.18	4.23	4.08	222&176&169&173
		Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side	2.394		1.067		1.016	1.136	1.075	0.001	3.46	3.41	3.53	3.47	
		Bottom side								0.001	0.00	0.00	0.00	0.00	

<5G NR ENDC>

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	1+2+3+8	1+2+5+8	1+2+6+8	1+2+4+7+8	Case No
			WWAN	FR1	WLAN2.4GHz Ant 6+3 non DBS	WLAN2.4GHz Ant 6 DBS	WLAN2.4GHz Ant 3 non DBS	WLAN 5GHz Ant 5+4 non DBS	WLAN 5GHz Ant 5 DBS	NFC	Summed	Summed	Summed	Summed	
			10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	
LTE Band 7 Ant 0	FR1 n5 Ant 1	Front	0.958					1.123	0.921	0.003	0.96	0.96	2.08	1.88	
		Back	1.381		0.525		0.303	0.356	0.206	0.020	1.93	1.70	1.76	1.61	
		Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
		Bottom side	0.515							0.001	0.52	0.52	0.52	0.52	
LTE Band 7 Ant 1	FR1 n5 Ant 0	Front						1.123	0.921	0.003	0.00	0.00	1.13	0.92	
		Back			0.525		0.303	0.356	0.206	0.020	0.55	0.32	0.38	0.23	
		Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
		Bottom side								0.001	0.00	0.00	0.00	0.00	
LTE Band 26 Ant 1	FR1 n7 Ant 0	Front		0.975				1.123	0.921	0.003	0.98	0.98	2.10	1.90	
		Back		1.543	0.525		0.303	0.356	0.206	0.020	2.09	1.87	1.92	1.77	
		Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
		Bottom side		0.568						0.001	0.57	0.57	0.57	0.57	
LTE	FR1 n7	Front						1.123	0.921	0.003	0.00	0.00	1.13	0.92	



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Band 26 Ant 0	Ant 1	Back	1.534		0.525		0.303	0.356	0.206	0.020	2.08	1.86	1.91	1.76	
		Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side		1.541	1.067		1.016	1.136	1.075	0.001	2.61	2.56	2.68	2.62	
		Bottom side								0.001	0.00	0.00	0.00	0.00	
LTE Band 66 Ant 1	FR1 n7 Ant 0	Front	1.672	0.975				1.123	0.921	0.003	2.65	2.65	3.77	3.57	
		Back	2.319	1.543	0.525		0.303	0.356	0.206	0.020	4.41	4.19	4.24	4.09	177&178&179&180
		Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side	2.394		1.067		1.016	1.136	1.075	0.001	3.46	3.41	3.53	3.47	
LTE Band 2 Ant 0	FR1 n66 Ant 1	Bottom side		0.568						0.001	0.57	0.57	0.57	0.57	
		Front	3.277					1.123	0.921	0.003	3.28	3.28	4.40	4.20	181&182
		Back	2.982	2.540	0.525		0.303	0.356	0.206	0.020	6.07	5.85	5.90	5.75	183&184&185&186
		Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
LTE Band 26 Ant 1	FR1 n66 Ant 0	Top side		2.592	1.067		1.016	1.136	1.075	0.001	3.66	3.61	3.73	3.67	
		Bottom side	1.623							0.001	1.62	1.62	1.62	1.62	
		Front		3.453				1.123	0.921	0.003	3.46	3.46	4.58	4.38	187&188
		Back		3.171	0.525		0.303	0.356	0.206	0.020	3.72	3.49	3.55	3.40	
		Left side								0.003	0.00	0.00	0.00	0.00	
LTE Band 7 Ant 0	FR1 n66 Ant 1	Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
		Bottom side		0.926						0.001	0.93	0.93	0.93	0.93	
		Front	0.958					1.123	0.921	0.003	0.96	0.96	2.08	1.88	
		Back	1.381	2.540	0.525		0.303	0.356	0.206	0.020	4.47	4.24	4.30	4.15	189&190&191&192
LTE Band 66 Ant 1	FR1 n41 Ant 0	Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side	2.394		1.067		1.016	1.136	1.075	0.001	3.46	3.41	3.53	3.47	
		Bottom side		0.459						0.001	0.46	0.46	0.46	0.46	
		Front	1.672	0.849				1.123	0.921	0.003	2.52	2.52	3.65	3.45	
LTE Band 2 Ant 0	FR1 n77 Ant 2	Back	2.319	1.629	0.525		0.303	0.356	0.206	0.020	4.49	4.27	4.32	4.17	193&194&195&196
		Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	3.46	3.41	3.53	3.47	
		Bottom side								0.001	0.46	0.46	0.46	0.46	
LTE Band 2 Ant 1	FR1 n77 Ant 2	Front	3.277					1.123	0.921	0.003	3.28	3.28	4.40	4.20	197&198
		Back	2.982		0.525		0.303	0.356	0.206	0.020	3.53	3.31	3.36	3.21	
		Left side		1.495						0.003	1.50	1.50	1.50	1.50	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
LTE Band 2 Ant 1	FR1 n77 Ant 2	Bottom side	1.623							0.001	1.62	1.62	1.62	1.62	
		Front						1.123	0.921	0.003	0.00	0.00	1.13	0.92	
		Back	1.878		0.525		0.303	0.356	0.206	0.020	2.42	2.20	2.25	2.10	
		Left side		1.495						0.003	1.50	1.50	1.50	1.50	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
LTE Band 66 Ant 0	FR1 n77 Ant 2	Top side	2.511		1.067		1.016	1.136	1.075	0.001	3.58	3.53	3.65	3.59	
		Bottom side								0.001	0.00	0.00	0.00	0.00	
		Front	3.521					1.123	0.921	0.003	3.52	3.52	4.65	4.45	199&200
		Back	3.298		0.525		0.303	0.356	0.206	0.020	3.84	3.62	3.67	3.52	
		Left side		1.495						0.003	1.50	1.50	1.50	1.50	
LTE Band 66 Ant 1	FR1 n77 Ant 2	Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
		Bottom side	0.939							0.001	0.94	0.94	0.94	0.94	
LTE Band 66 Ant 1	FR1 n77 Ant 2	Front	1.918					1.123	0.921	0.003	1.92	1.92	3.04	2.84	
		Back	2.614		0.525		0.303	0.356	0.206	0.020	3.16	2.94	2.99	2.84	
		Left side		1.495						0.003	1.50	1.50	1.50	1.50	



FCC SAR Test Report

Report No. : FA320205

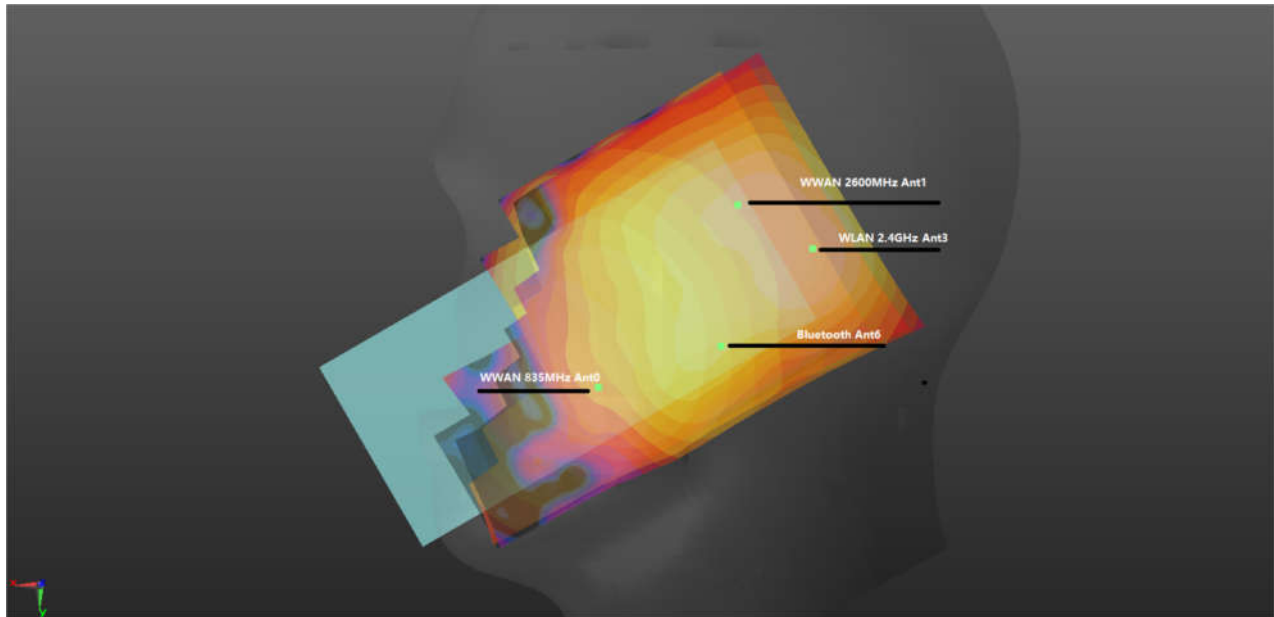
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side	2.524		1.067		1.016	1.136	1.075	0.001	3.59	3.54	3.66	3.60	
		Bottom side								0.001	0.00	0.00	0.00	0.00	
LTE Band 26 Ant 0	FR1 n77 Ant 2	Front						1.123	0.921	0.003	0.00	0.00	1.13	0.92	
		Back	1.534		0.525		0.303	0.356	0.206	0.020	2.08	1.86	1.91	1.76	
		Left side		1.495						0.003	1.50	1.50	1.50	1.50	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
		Bottom side								0.001	0.00	0.00	0.00	0.00	
LTE Band 26 Ant 1	FR1 n77 Ant 2	Front						1.123	0.921	0.003	0.00	0.00	1.13	0.92	
		Back			0.525		0.303	0.356	0.206	0.020	0.55	0.32	0.38	0.23	
		Left side		1.495						0.003	1.50	1.50	1.50	1.50	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
		Bottom side								0.001	0.00	0.00	0.00	0.00	
LTE Band 7 Ant 0	FR1 n77 Ant 2	Front						1.123	0.921	0.003	0.00	0.00	1.13	0.92	
		Back	1.534		0.525		0.303	0.356	0.206	0.020	2.08	1.86	1.91	1.76	
		Left side		1.495						0.003	1.50	1.50	1.50	1.50	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
		Bottom side								0.001	0.00	0.00	0.00	0.00	
LTE Band 7 Ant 1	FR1 n77 Ant 2	Front						1.123	0.921	0.003	0.00	0.00	1.13	0.92	
		Back			0.525		0.303	0.356	0.206	0.020	0.55	0.32	0.38	0.23	
		Left side		1.495						0.003	1.50	1.50	1.50	1.50	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
		Bottom side								0.001	0.00	0.00	0.00	0.00	
LTE Band 41 Ant 0	FR1 n77 Ant 2	Front	0.958					1.123	0.921	0.003	0.96	0.96	2.08	1.88	
		Back	1.381		0.525		0.303	0.356	0.206	0.020	1.93	1.70	1.76	1.61	
		Left side		1.495						0.003	1.50	1.50	1.50	1.50	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
		Bottom side	0.515							0.001	0.52	0.52	0.52	0.52	
LTE Band 41 Ant 1	FR1 n77 Ant 2	Front						1.123	0.921	0.003	0.00	0.00	1.13	0.92	
		Back			0.525		0.303	0.356	0.206	0.020	0.55	0.32	0.38	0.23	
		Left side		1.495						0.003	1.50	1.50	1.50	1.50	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side			1.067		1.016	1.136	1.075	0.001	1.07	1.02	1.14	1.08	
		Bottom side								0.001	0.00	0.00	0.00	0.00	
LTE Band 66 Ant 1	FR1 n2 Ant 0	Front	1.672	3.252				1.123	0.921	0.003	4.93	4.93	6.05	5.85	201&202&203&204
		Back	2.319	2.995	0.525		0.303	0.356	0.206	0.020	5.86	5.64	5.69	5.54	205&206&207&208
		Left side								0.003	0.00	0.00	0.00	0.00	
		Right side			0.978	0.706		0.498	0.498	0.002	0.98	0.00	0.50	1.21	
		Top side	2.394		1.067		1.016	1.136	1.075	0.001	3.46	3.41	3.53	3.47	
		Bottom side		1.889						0.001	1.89	1.89	1.89	1.89	

16.5 SPLSR Evaluation and Analysis

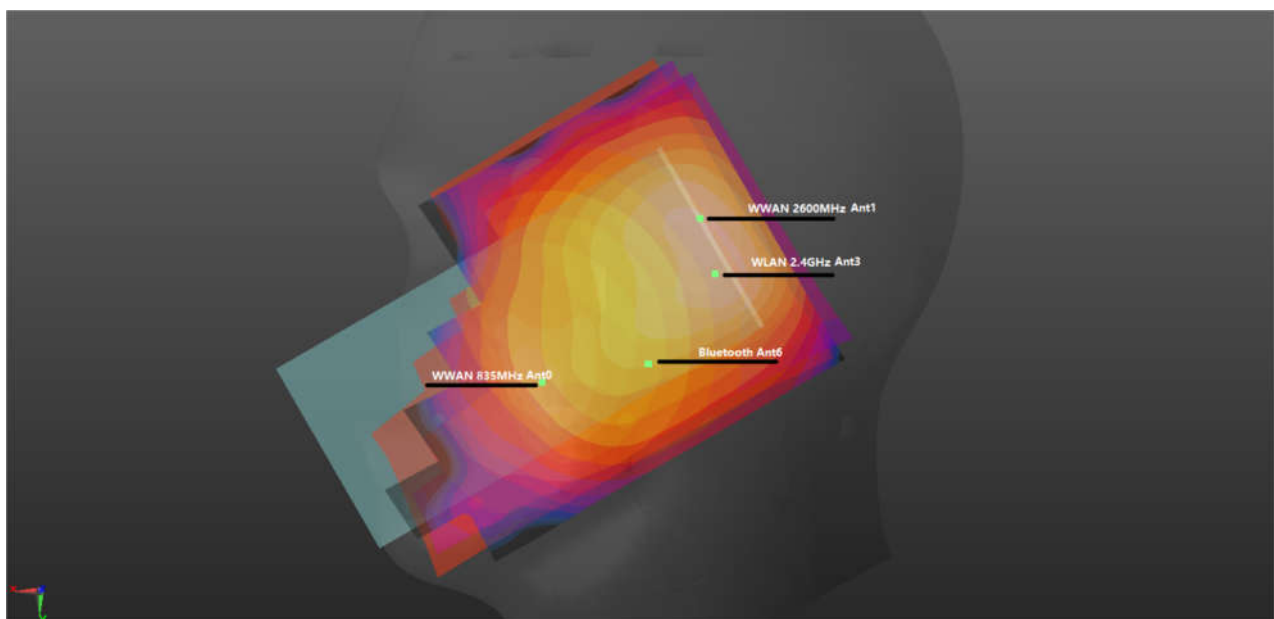
General Note:

1. When standalone SAR is measured for both antennas in the pair, the peak location separation distance is computed by the square root of $[(x_1 - x_2)^2 + (y_1 - y_2)^2 + (z_1 - z_2)^2]$, where (x_1, y_1, z_1) and (x_2, y_2, z_2) are the coordinates in the area scans or extrapolated peak SAR locations in the zoom scans, as appropriate.
2. $SPLSR = (SAR_1 + SAR_2) \cdot 1.5 / (\text{min. separation distance, mm})$. If $SPLSR \leq 0.04$ for 1g SAR and $SPLSR \leq 0.10$ for 10g SAR, simultaneously transmission SAR measurement is not necessary.
3. Per April 2022 TCB Workshop Notes, WWAN band antenna 1/2/4/5 was summed algebraically with the NFC and BT/WIFI Antenna 3/4/5/6 separately 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.

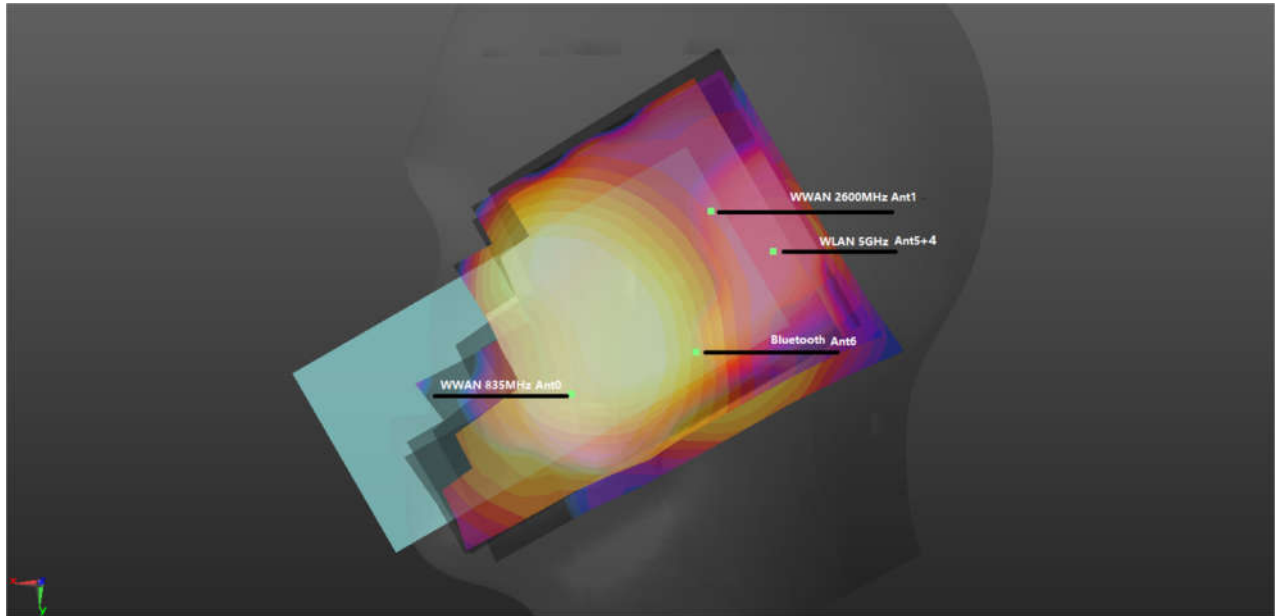
Head



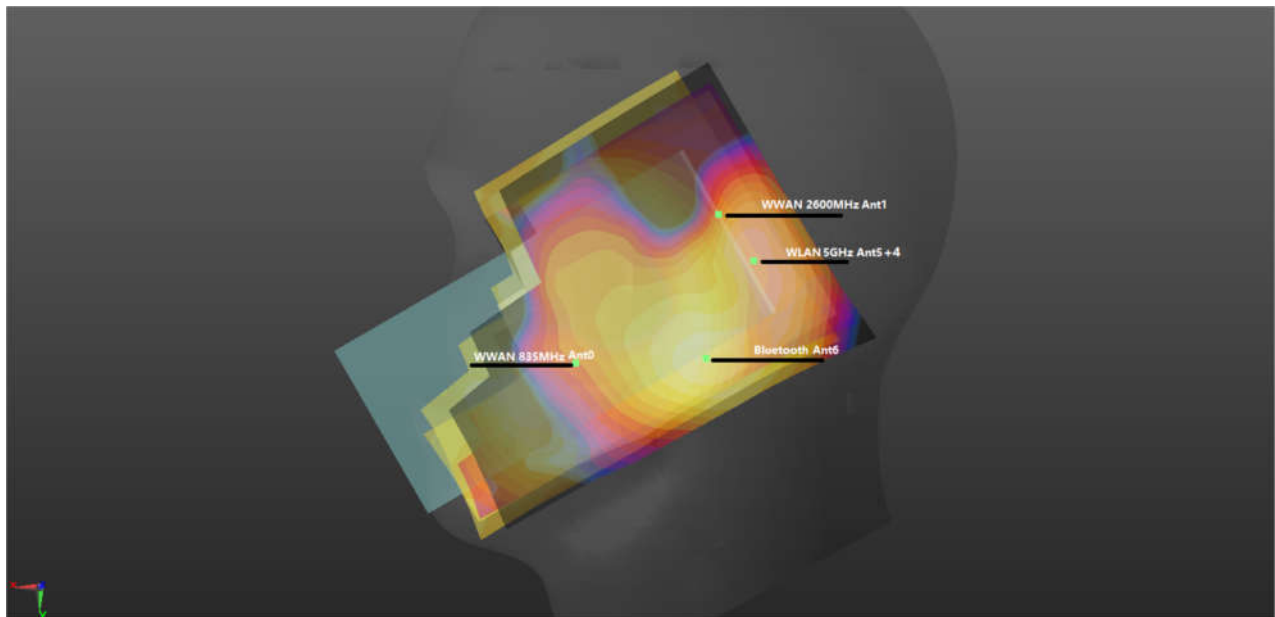
WWAN+2.4G Right Cheek



WWAN+2.4G Right Tilted

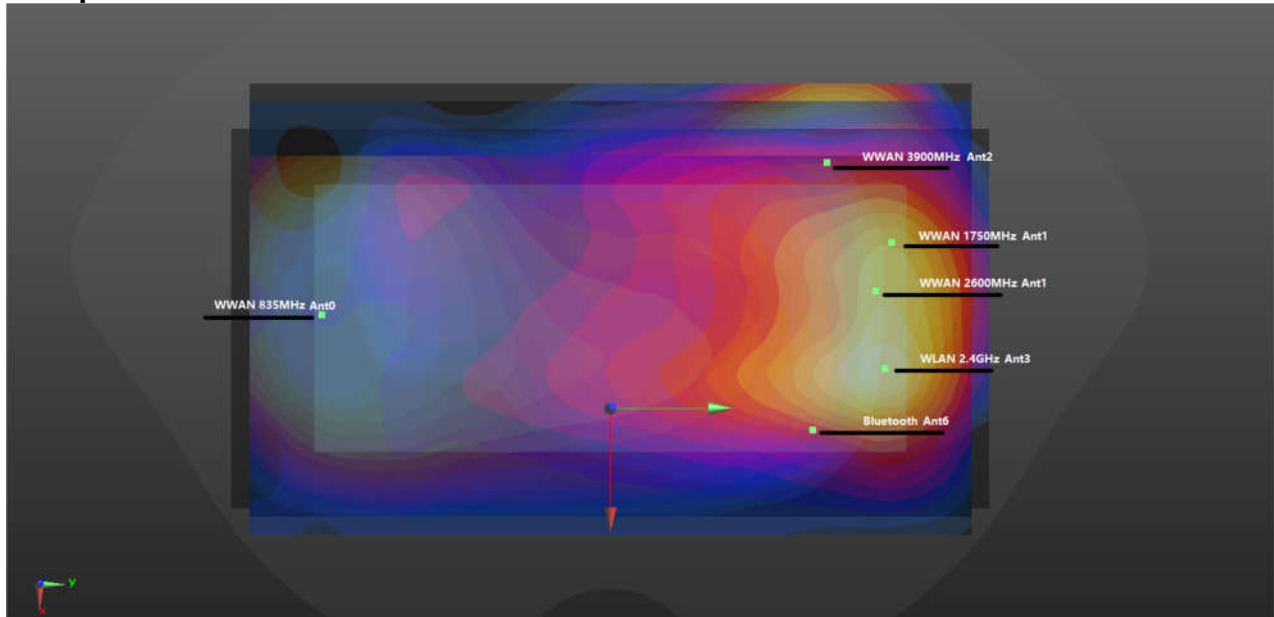


WWAN+5G Right Cheek

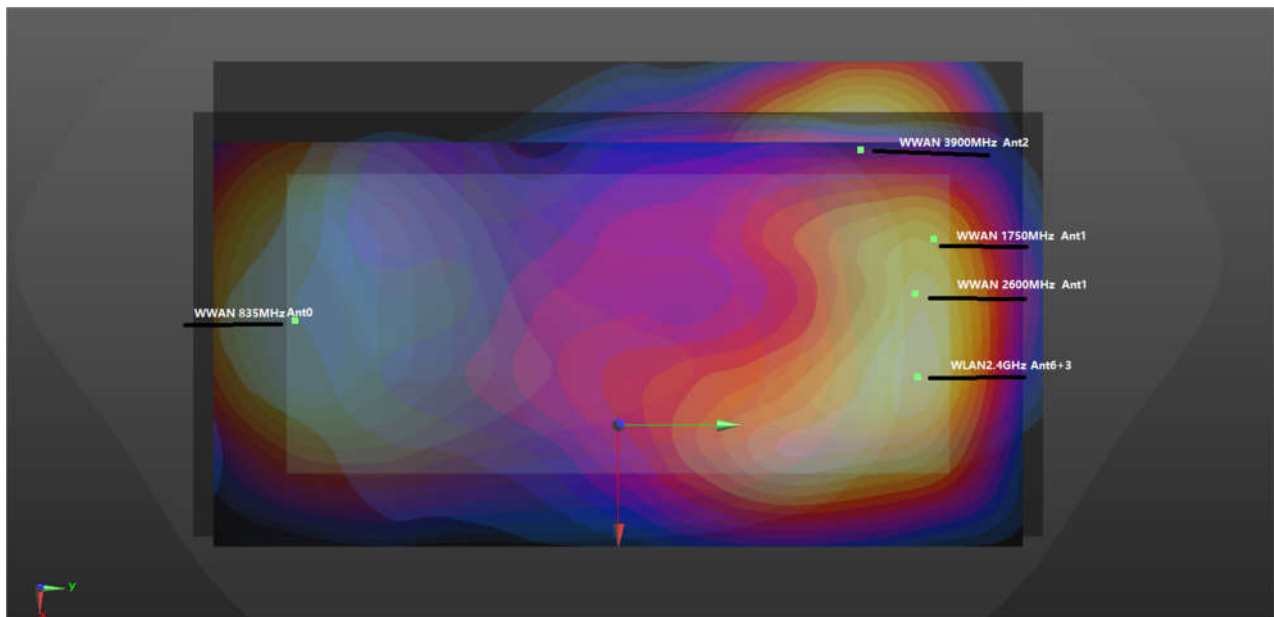


WWAN+5G Right Tilted

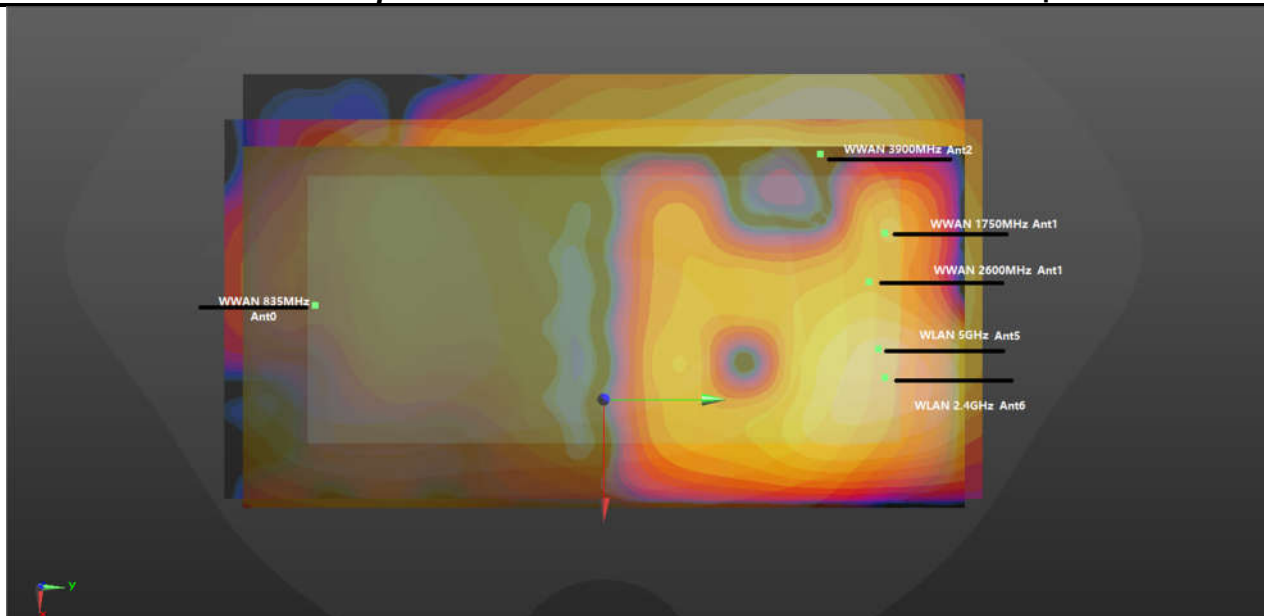
Hotspot



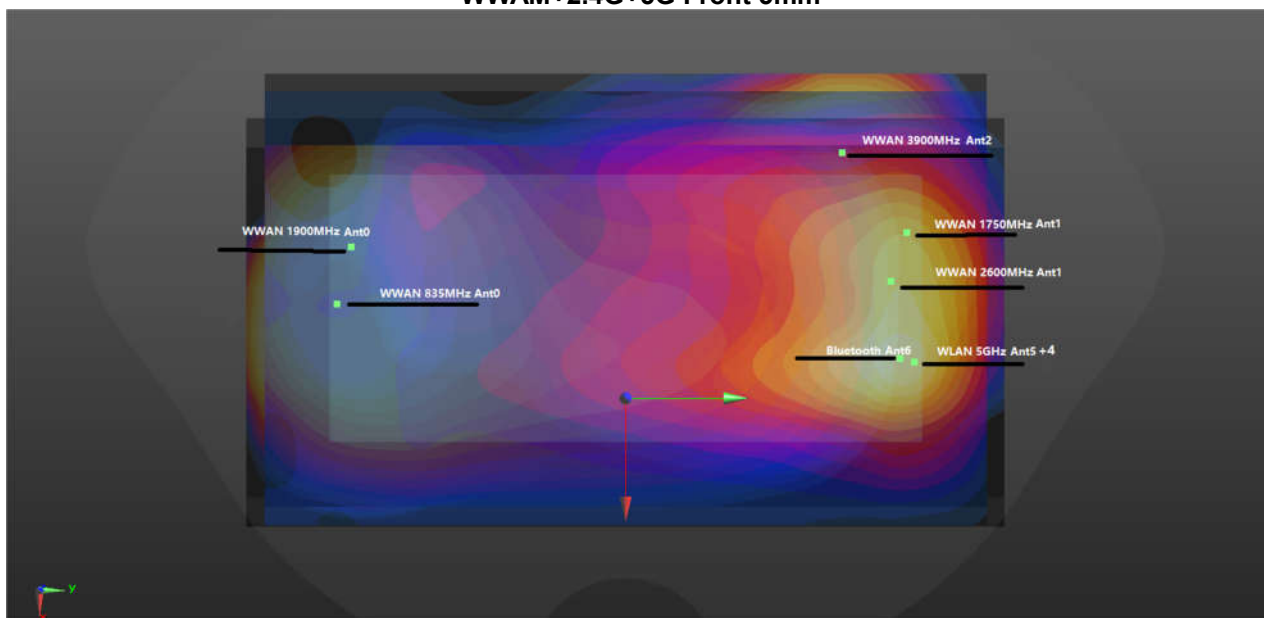
WWAM+2.4G Ant3 Front 5mm



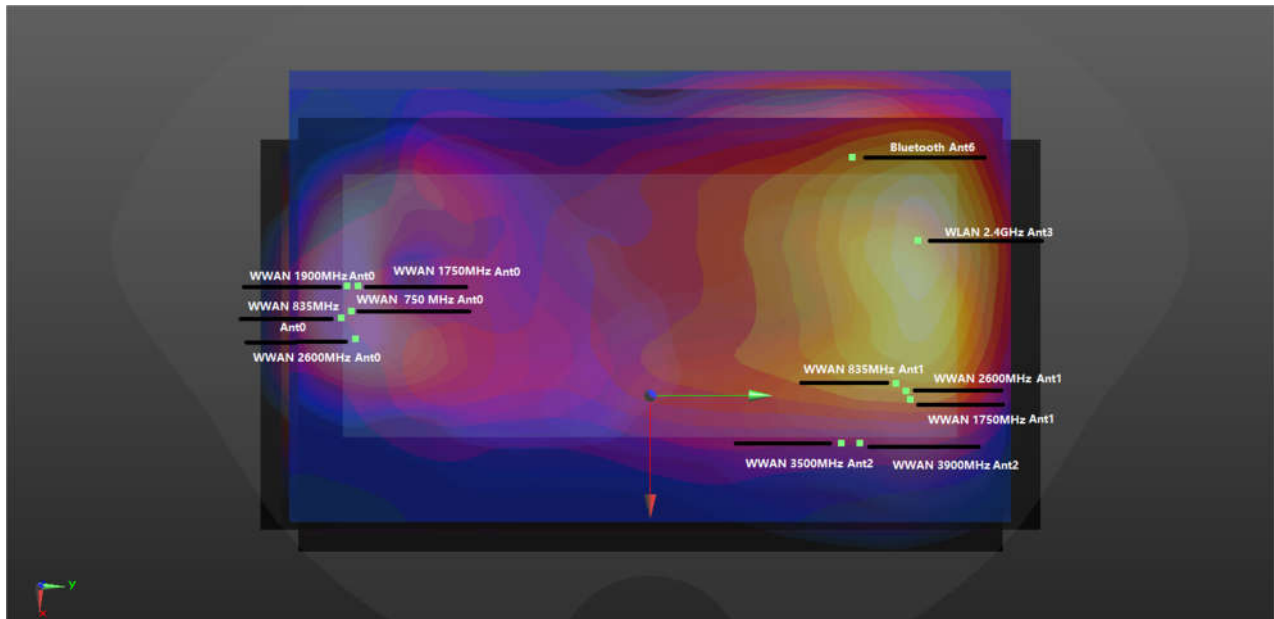
WWAM+2.4G Front 5mm



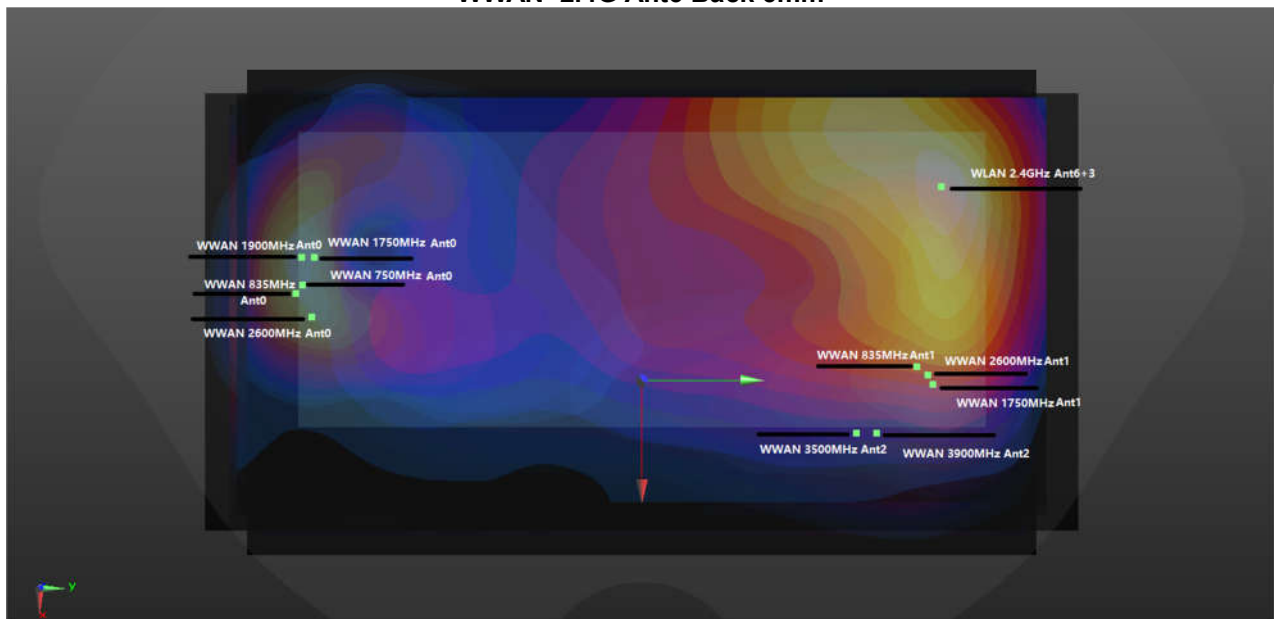
WWAM+2.4G+5G Front 5mm



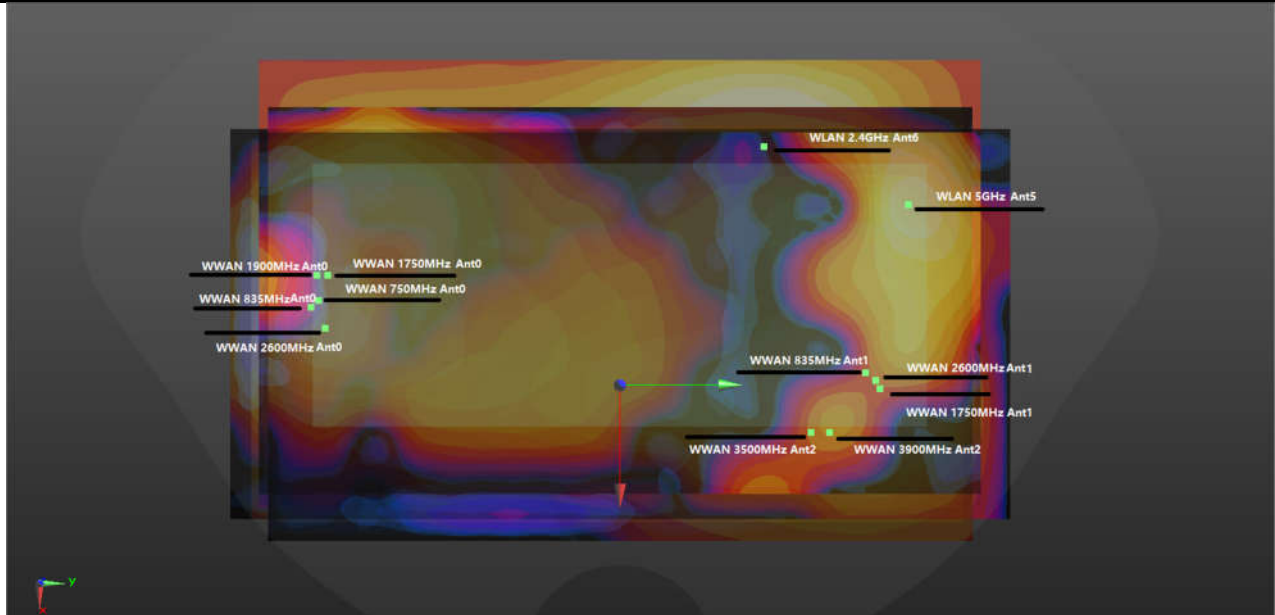
WWAM+5G Front 5mm



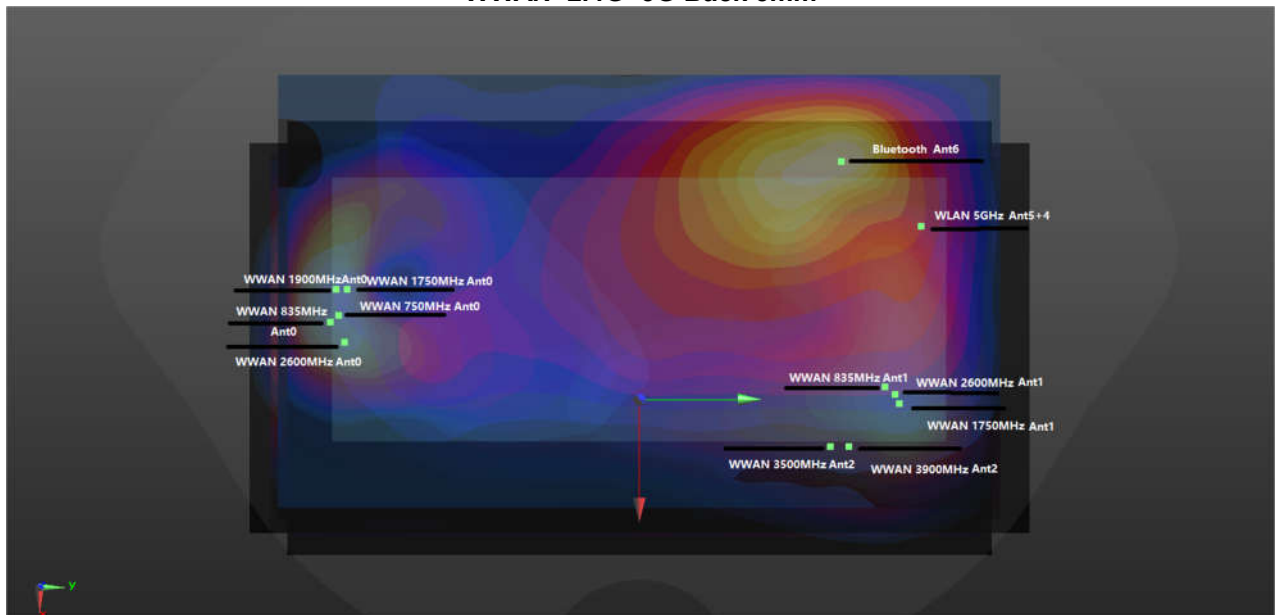
WWAN+2.4G Ant3 Back 5mm



WWAN+2.4G Back 5mm

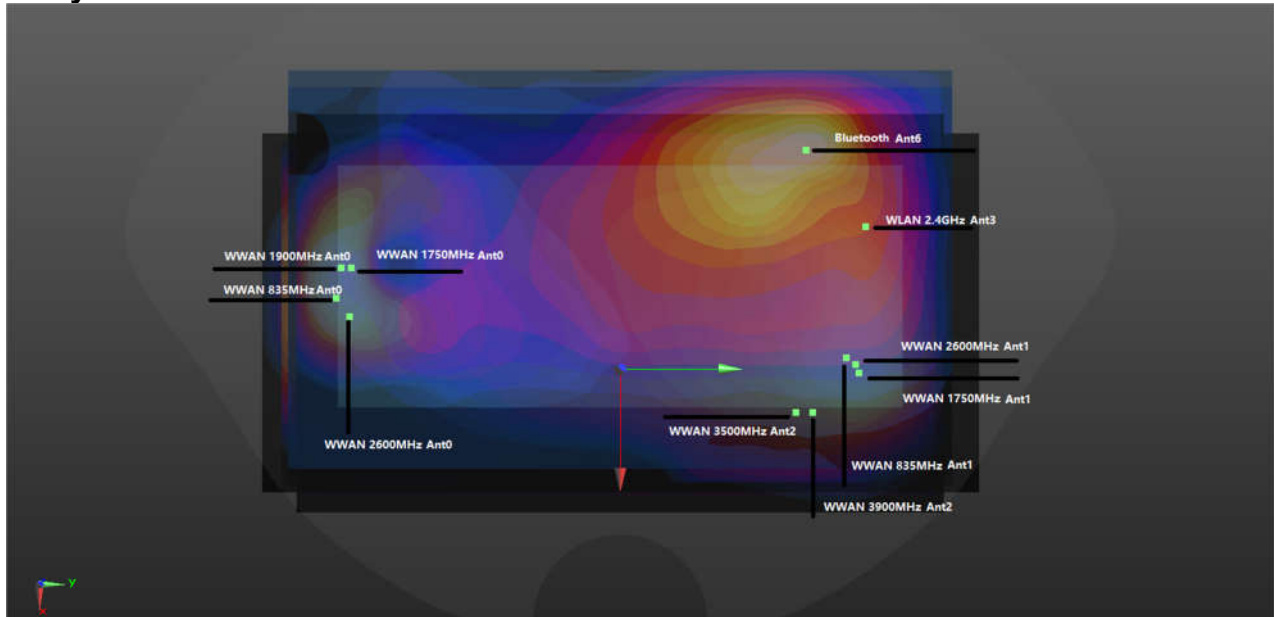


WWAN+2.4G+5G Back 5mm

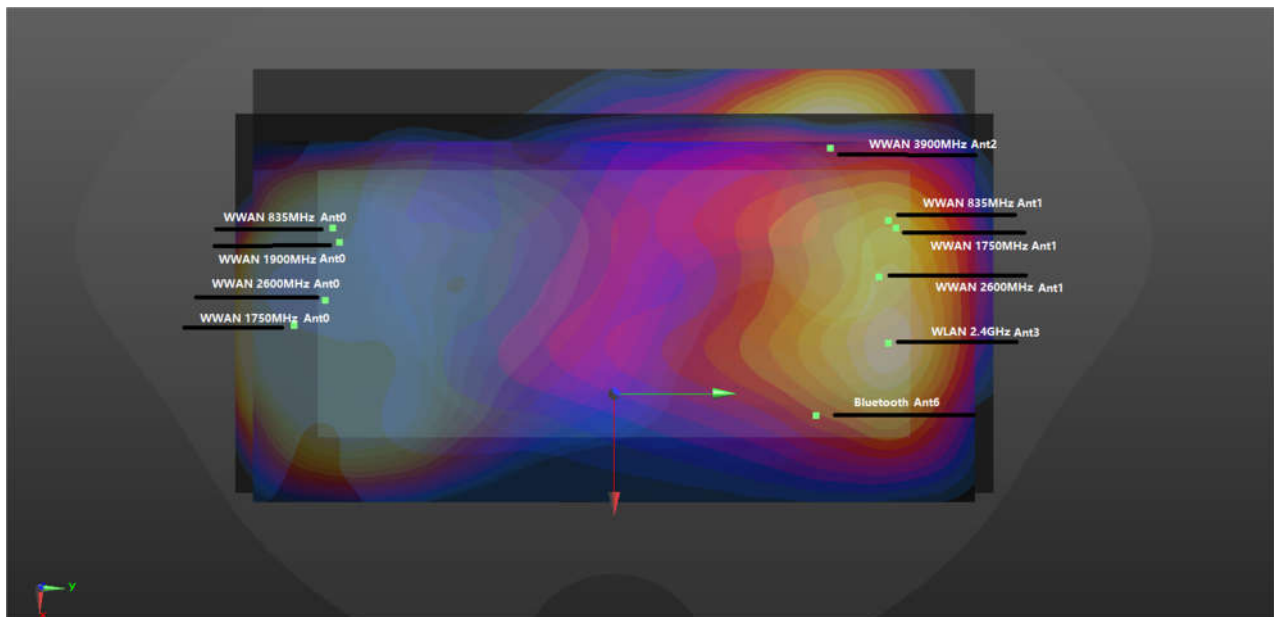


WWAN+5G Back 5mm

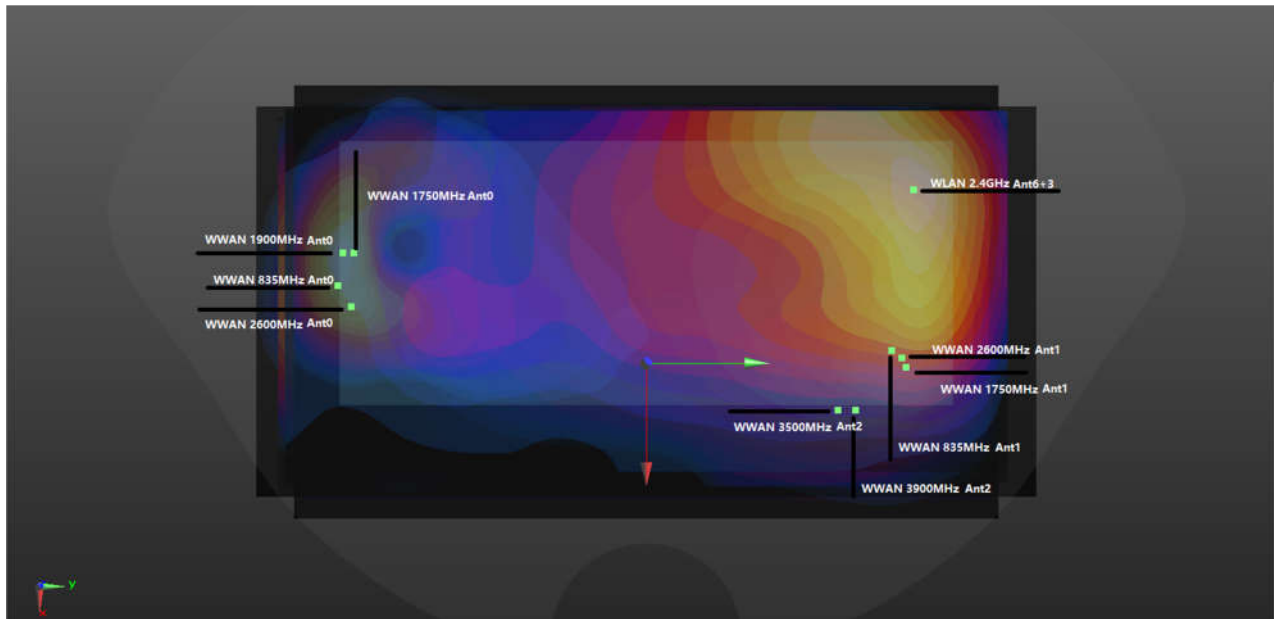
Body worn



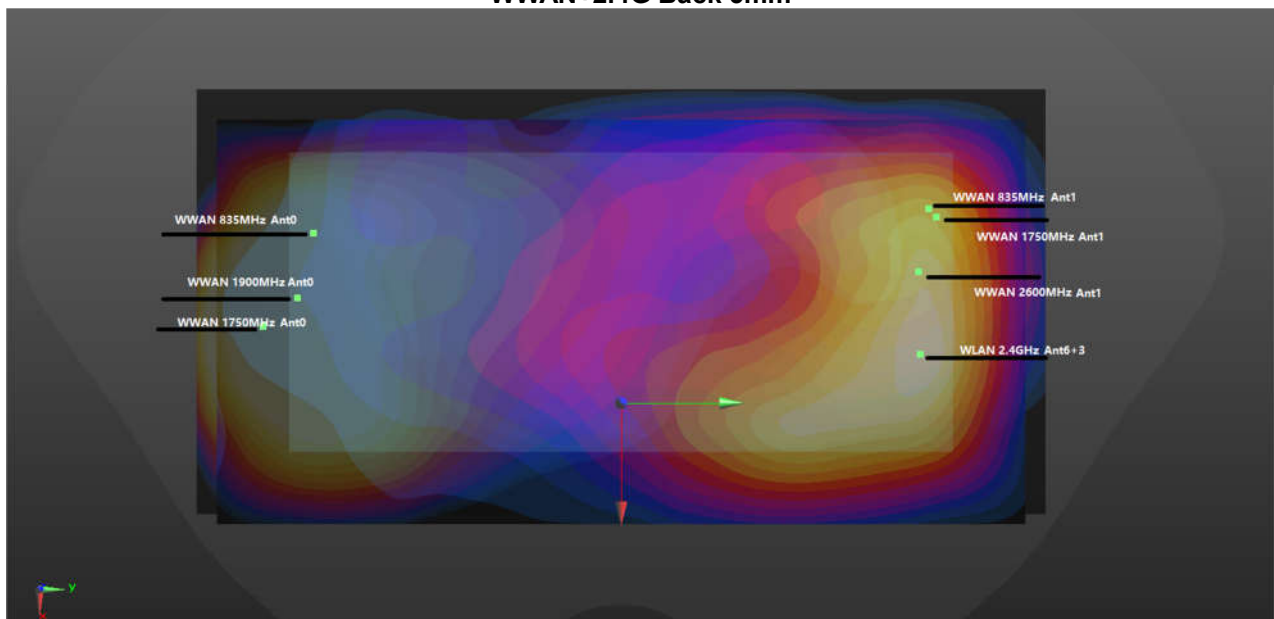
WWAM+2.4G Ant3 Back 5mm



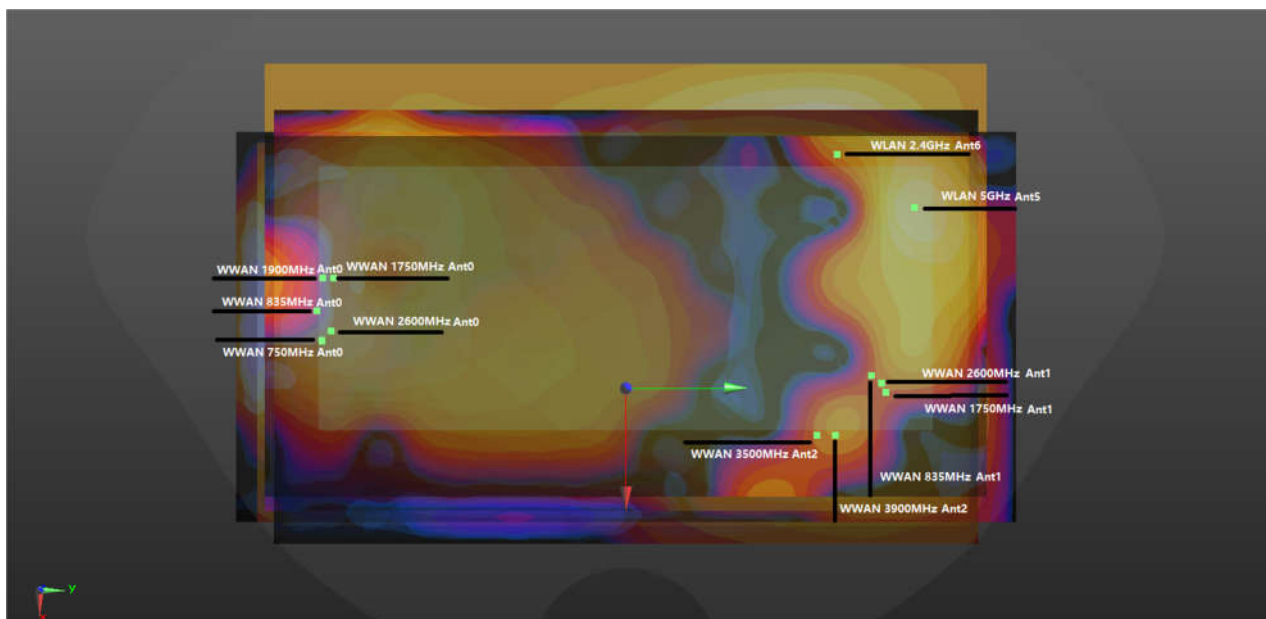
WWAN+2.4G Ant3 Fornt 5mm



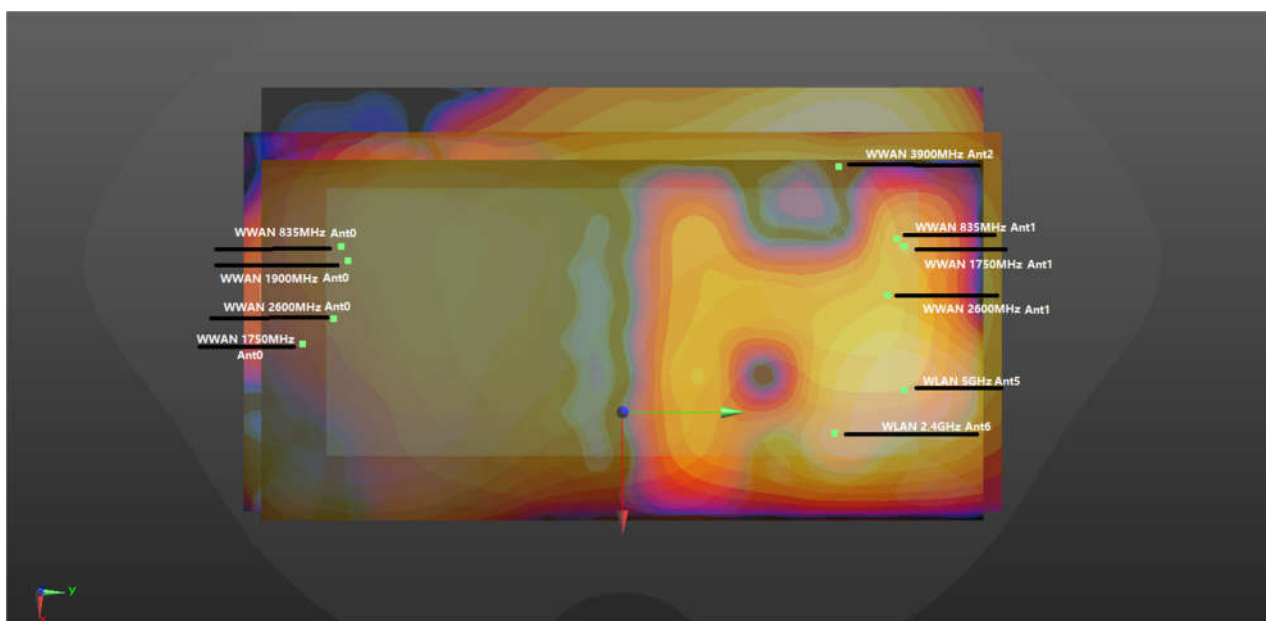
WWAN+2.4G Back 5mm



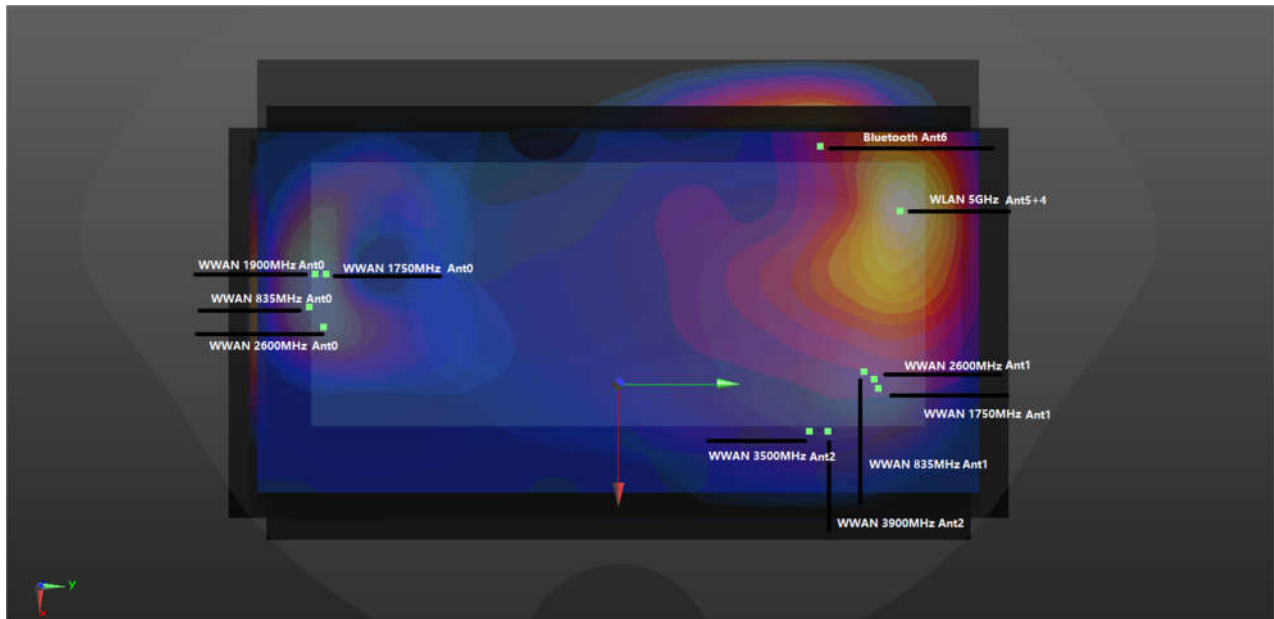
WWAN+2.4G Fornt 5mm



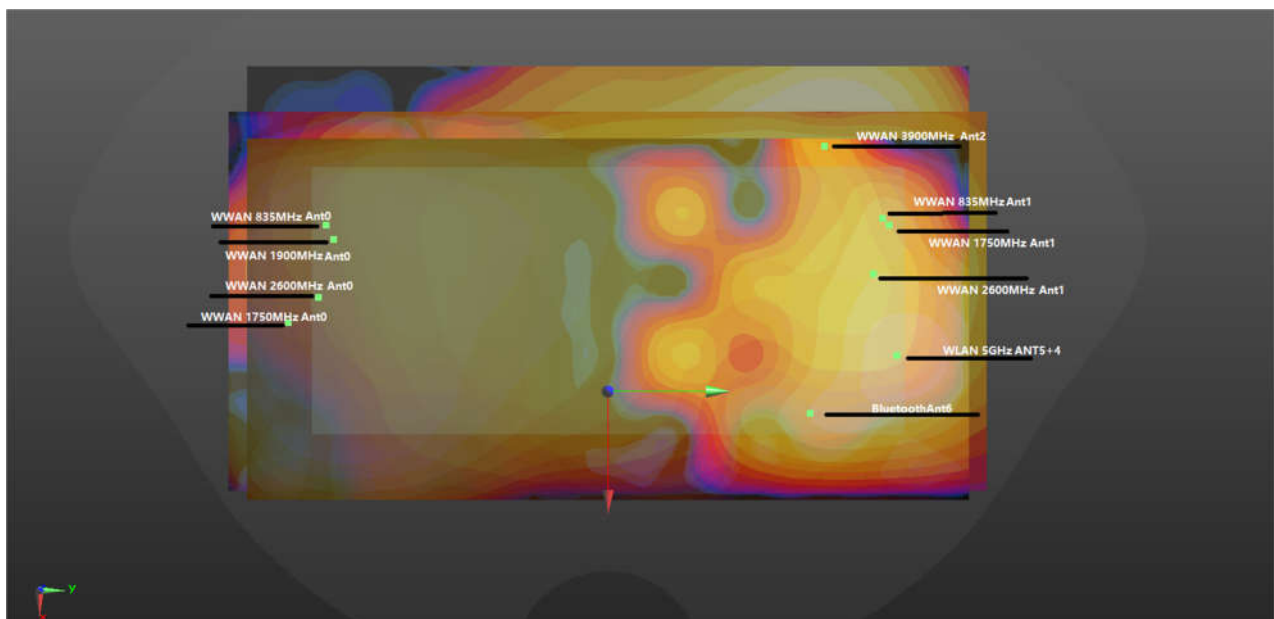
WWAN+2.4G+5G Back 5mm



WWAN+2.4G+5G Fornt 5mm

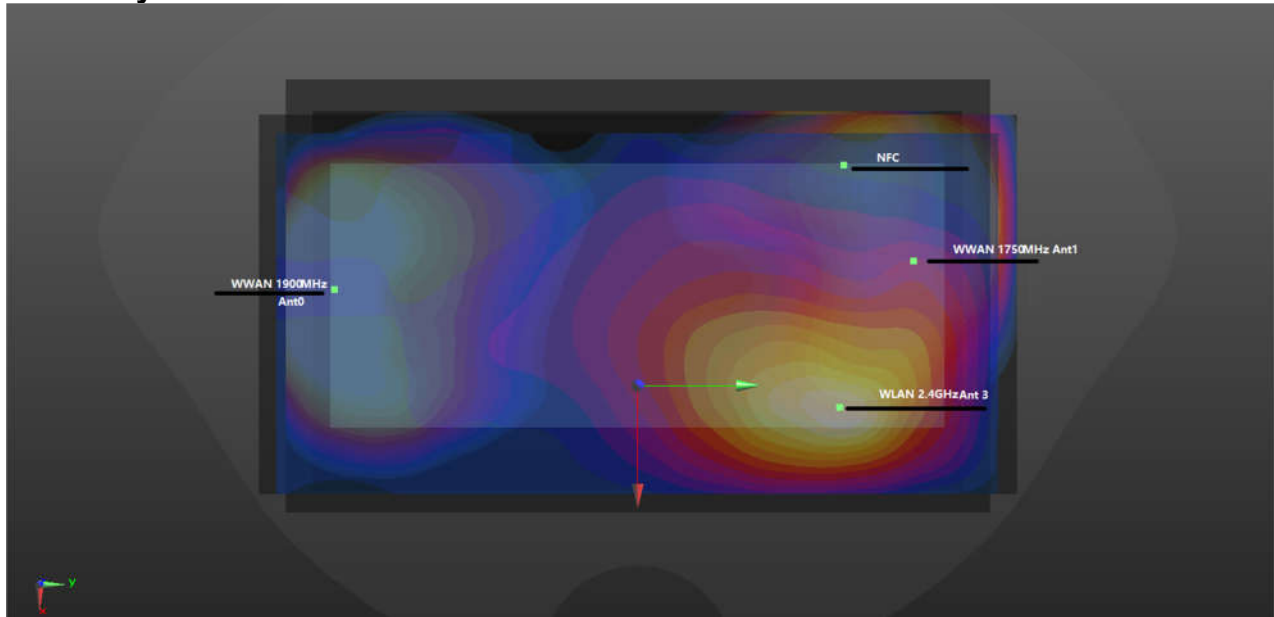


WWAN+5G Back 5mm

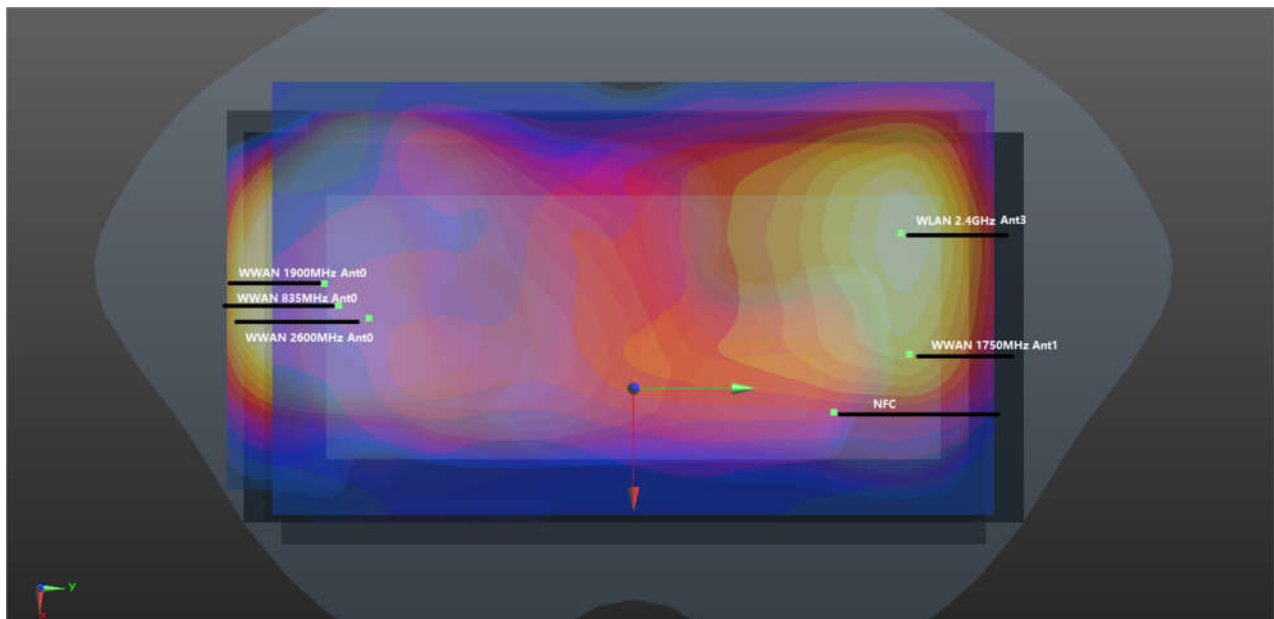


WWAN+5G Fornt 5mm

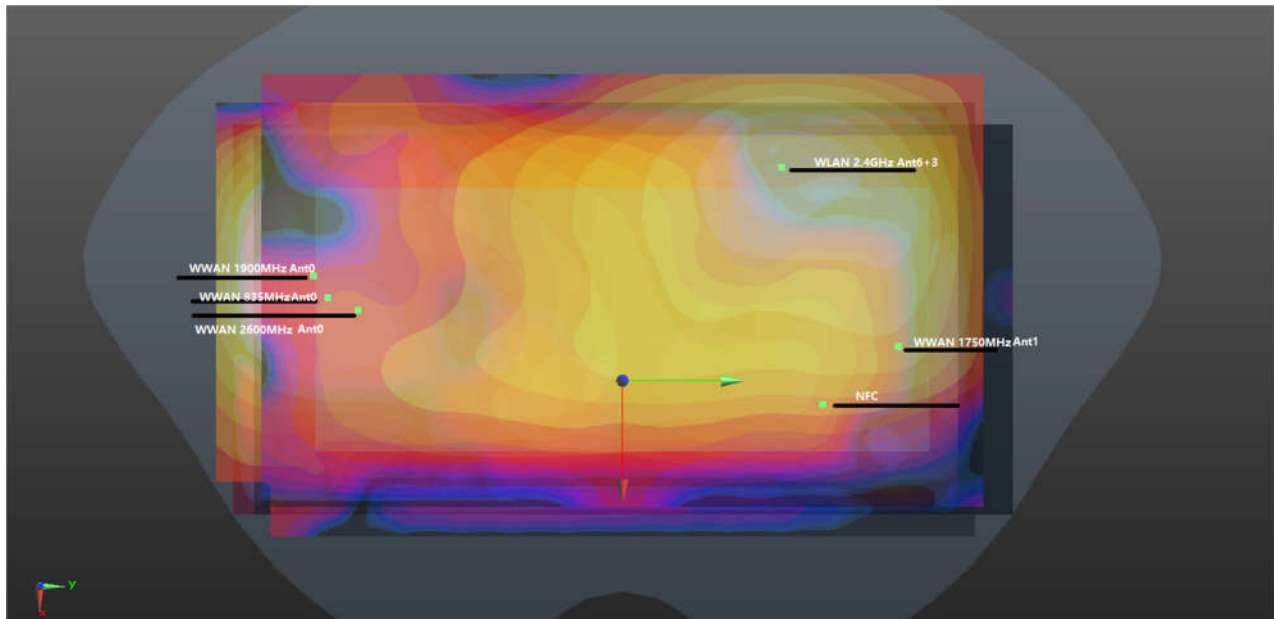
Extremity



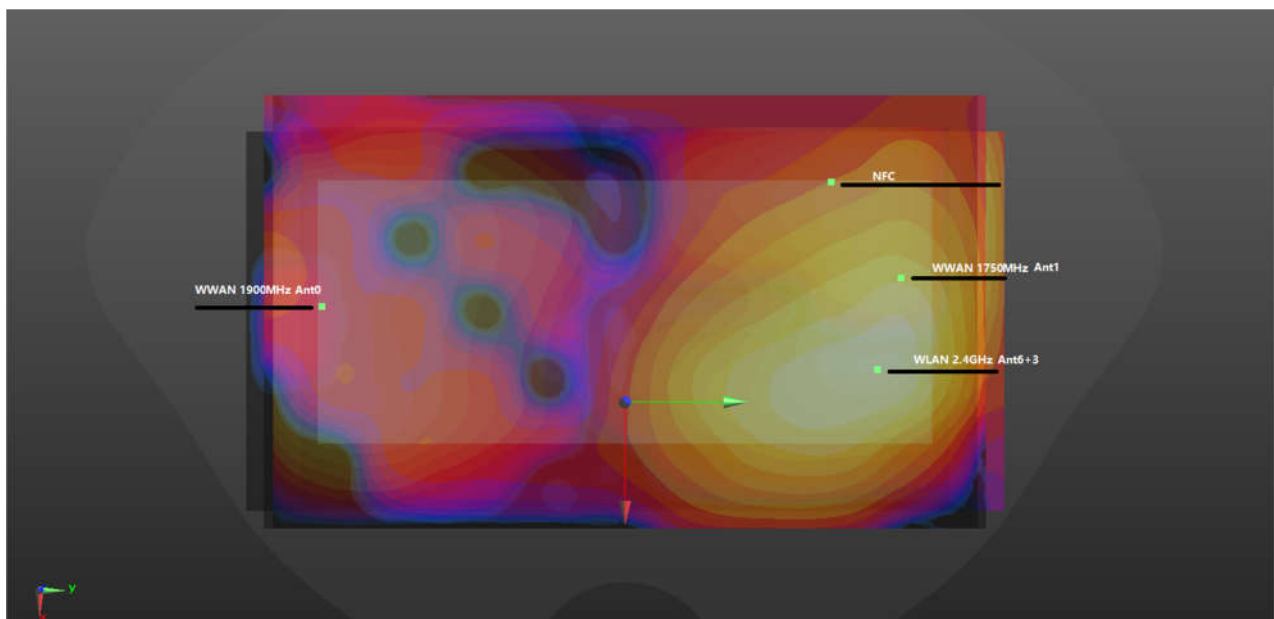
WWAN+2.4G Ant 3 Front 0mm



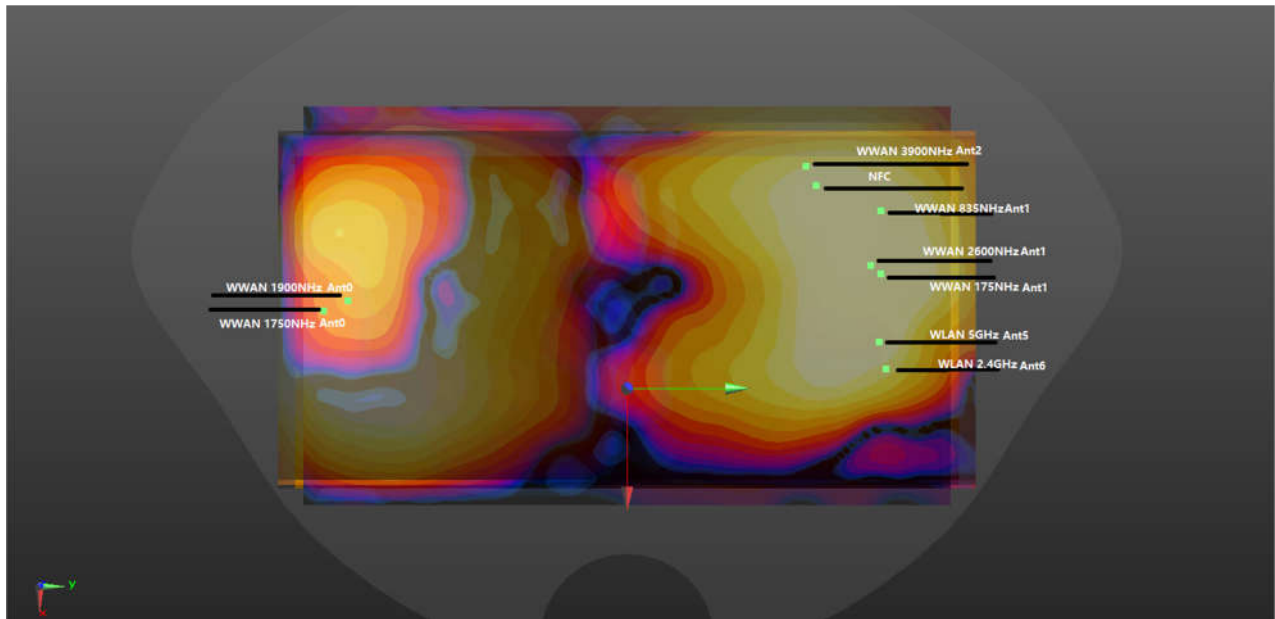
WWAN+2.4G Ant3 Back 0mm



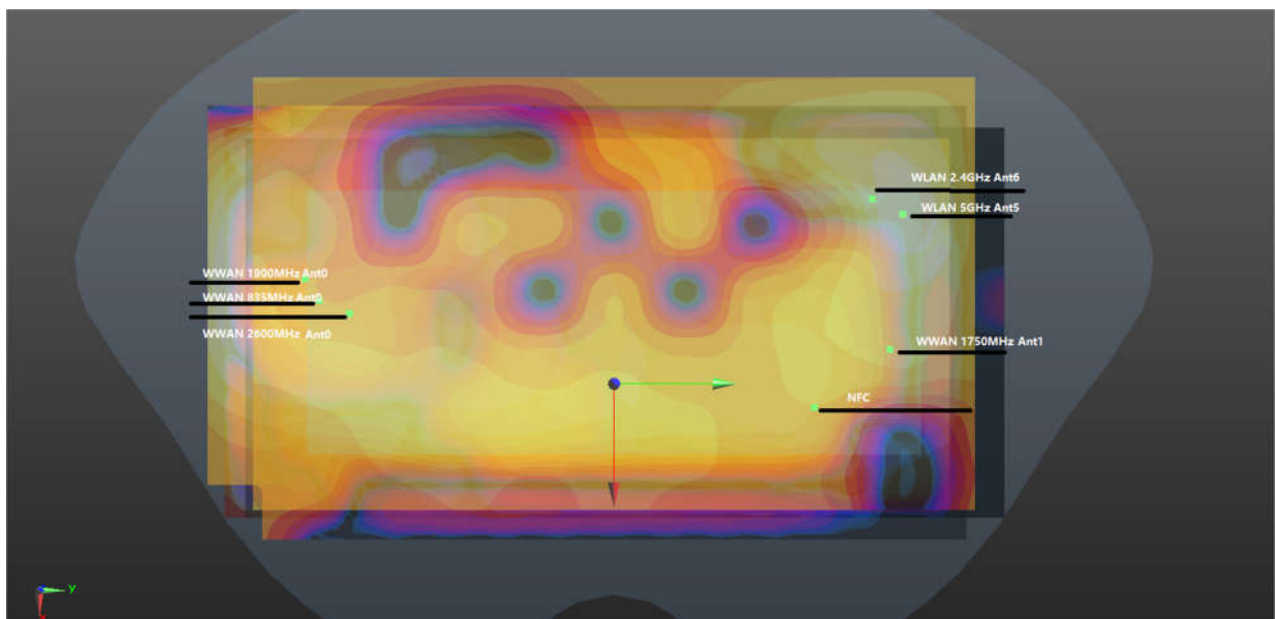
WWAN+2.4G Back 0mm



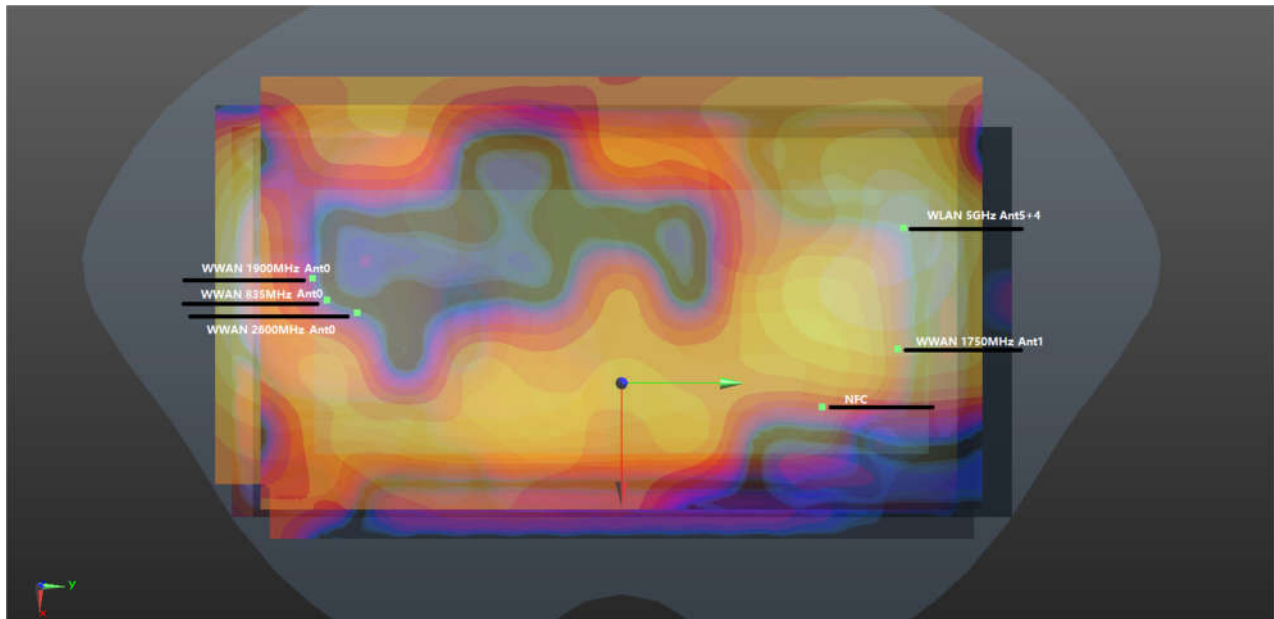
WWAN+2.4G Front 0mm



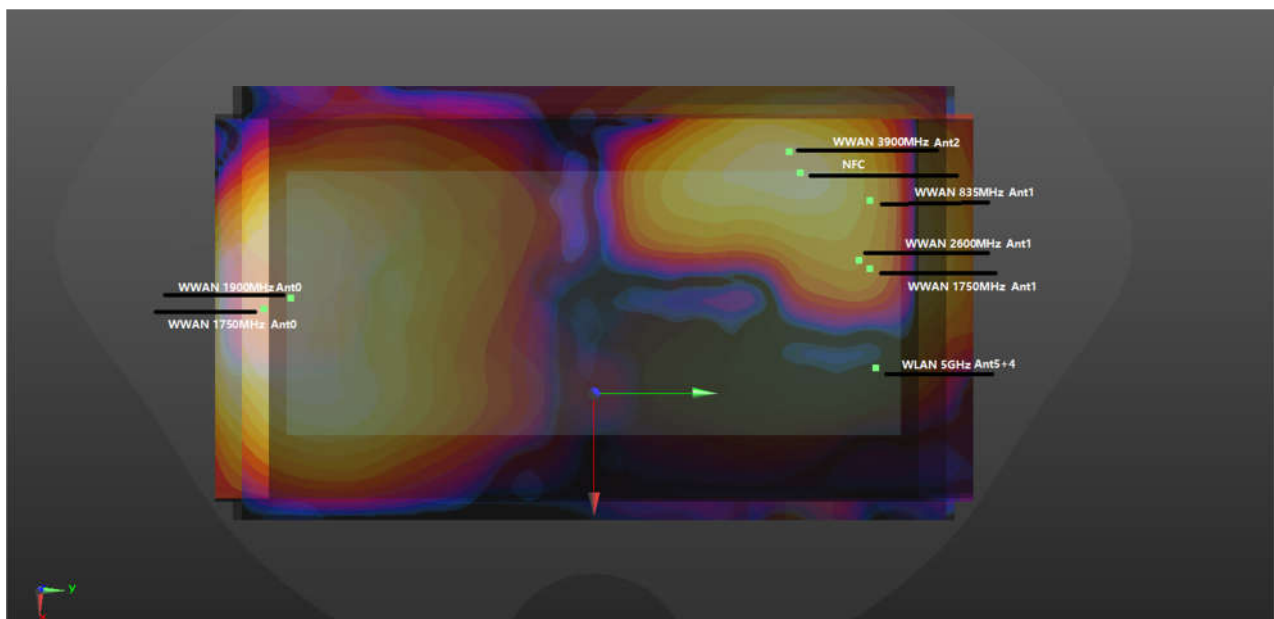
WWAN+2.4G+5G Front 0mm



WWAN+5G Ant 5 Back 0mm



WWAN+5G Back 0mm



WWAN+5G Front 0mm



<Head SAR>

Case No	Band	Position	SAR 1g SAR (W/kg)	Summed	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
				1g SAR (W/kg)		X	Y	Z				
Case 1	LTE Band 26 Ant 0	Right Cheek	0.283	0.283	0mm	62.33	54.64	5.25	92.4	1.63	0.02	Not required
	FR1 n7 Ant 1		1.099	1.351	0mm	-11.77	-0.26	-0.01				
	WLAN2.4GHz Ant 3		0.145		0mm							
	Bluetooth Ant 6		0.107		0mm							
	LTE Band 26 Ant 0	Right Cheek	0.283	0.283	0mm	62.33	54.64	5.25	94.7	1.63	0.02	Not required
	FR1 n7 Ant 1		1.099	1.351	0mm							
	WLAN2.4GHz Ant 3		0.145		0mm	10.8	-23	-11.7				
	Bluetooth Ant 6		0.107		0mm							
	LTE Band 26 Ant 0	Right Cheek	0.283	0.283	0mm	62.33	54.64	5.25	67.3	1.63	0.03	Not required
	FR1 n7 Ant 1		1.099	1.351	0mm							
	WLAN2.4GHz Ant 3		0.145		0mm							
	Bluetooth Ant 6		0.107		0mm	-2.97	38.6	2.39				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 2	LTE Band 26 Ant 0	Right Cheek	0.283	0.283	0mm	62.33	54.64	5.25	92.4	1.63	0.02	Not required
	FR1 n7 Ant 1		1.099	1.343	0mm	-11.77	-0.26	-0.01				
	WLAN 5GHz Ant 5+4		0.137		0mm							
	Bluetooth Ant 6		0.107		0mm							
	LTE Band 26 Ant 0	Right Cheek	0.283	0.283	0mm	62.33	54.64	5.25	100.8	1.63	0.02	Not required
	FR1 n7 Ant 1		1.099	1.343	0mm							
	WLAN 5GHz Ant 5+4		0.137		0mm	-26.78	7.63	3.66				
	Bluetooth Ant 6		0.107		0mm							
	LTE Band 26 Ant 0	Right Cheek	0.283	0.283	0mm	62.33	54.64	5.25	67.3	1.63	0.03	Not required
	FR1 n7 Ant 1		1.099	1.343	0mm							
	WLAN 5GHz Ant 5+4		0.137		0mm							
	Bluetooth Ant 6		0.107		0mm	-2.97	38.6	2.39				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 3	LTE Band 26 Ant 0	Right Tilted	0.156	0.156	0mm	58.96	51.4	3.29	85.5	1.62	0.02	Not required
	FR1 n7 Ant 1		1.210	1.462	0mm	-3.39	-7.16	1.93				
	WLAN2.4GHz Ant 3		0.145		0mm							
	Bluetooth Ant 6		0.107		0mm							
	LTE Band 26 Ant 0	Right Tilted	0.156	0.156	0mm	58.96	51.4	3.29	89.9	1.62	0.02	Not required
	FR1 n7 Ant 1		1.210	1.462	0mm							
	WLAN2.4GHz Ant 3		0.145		0mm	10.8	-23	-11.7				
	Bluetooth Ant 6		0.107		0mm							
	LTE Band 26 Ant 0	Right Tilted	0.156	0.156	0mm	58.96	51.4	3.29	59.4	1.62	0.03	Not required
	FR1 n7 Ant 1		1.210	1.462	0mm							
	WLAN2.4GHz Ant 3		0.145		0mm							
	Bluetooth Ant 6		0.107		0mm	0.37	41.35	3.03				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 4	LTE Band 26 Ant 0	Right Tilted	0.156	0.156	0mm	58.96	51.4	3.29	85.5	1.61	0.02	Not required
	FR1 n7 Ant 1		1.210	1.458	0mm	-3.39	-7.16	1.93				
	WLAN 5GHz Ant 5+4		0.141		0mm							
	Bluetooth Ant 6		0.107		0mm							
	LTE Band 26 Ant 0	Right Tilted	0.156	0.156	0mm	58.96	51.4	3.29	95.4	1.61	0.02	Not required
	FR1 n7 Ant 1		1.210	1.458	0mm							
	WLAN 5GHz Ant 5+4		0.141		0mm	-25.7	7.4	3.61				
	Bluetooth Ant 6		0.107		0mm							
	LTE Band 26 Ant 0	Right Tilted	0.156	0.156	0mm	58.96	51.4	3.29	59.4	1.61	0.03	Not required
	FR1 n7 Ant 1		1.210	1.458	0mm							
	WLAN 5GHz Ant 5+4		0.141		0mm							
	Bluetooth Ant 6		0.107		0mm	0.37	41.35	3.03				



<Hotspot SAR>

Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 5	GSM850 Ant 0	Back	1.236	1.236	5mm	4.9	-75.8	3.35	159.0	1.65	0.01	Not required
	WLAN2.4GHz Ant 6+3		0.416	0.416	5mm	-19.8	81.2	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 6	GSM850 Ant 0	Back	1.236	1.236	5mm	4.9	-75.8	3.35	133.1	1.77	0.02	Not required
	WLAN2.4GHz Ant 3		0.416	0.532	5mm	-39.4	49.6	-1.02				
	Bluetooth Ant 6		0.116		5mm							
	GSM850 Ant 0	Back	1.236	1.236	5mm	4.9	-75.8	3.35	153.7	1.77	0.02	Not required
	WLAN2.4GHz Ant 3		0.416	0.532	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 7	GSM850 Ant 0	Back	1.236	1.236	5mm	4.9	-75.8	3.35	158.8	1.74	0.01	Not required
	WLAN5GHz Ant 5+4		0.389	0.505	5mm	-34.2	78	-0.97				
	Bluetooth Ant 6		0.116		5mm							
	GSM850 Ant 0	Back	1.236	1.236	5mm	4.9	-75.8	3.35	153.7	1.74	0.01	Not required
	WLAN5GHz Ant 5+4		0.389	0.505	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 8	GSM850 Ant 0	Back	1.236	1.236	5mm	4.9	-75.8	3.35	153.7	1.76	0.02	Not required
	WLAN2.4GHz Ant 6		0.252	0.523	5mm	-29.3	74	-0.96				
	WLAN5GHz Ant 5		0.271		5mm							
	GSM850 Ant 0	Back	1.236	1.236	5mm	4.9	-75.8	3.35	160.1	1.76	0.01	Not required
	WLAN2.4GHz Ant 6		0.252	0.523	5mm							
	WLAN5GHz Ant 5		0.271		5mm	-28.2	80.8	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 9	WCDMA V Ant 0	Back	1.354	1.354	5mm	5.1	-78.3	3.36	161.5	1.77	0.01	Not required
	WLAN2.4GHz Ant 6+3		0.416	0.416	5mm	-19.8	81.2	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 10	WCDMA V Ant 0	Back	1.354	1.354	5mm	5.1	-78.3	3.36	135.5	1.89	0.02	Not required
	WLAN2.4GHz Ant 3		0.416	0.532	5mm	-39.4	49.6	-1.02				
	Bluetooth Ant 6		0.116		5mm							
	WCDMA V Ant 0	Back	1.354	1.354	5mm	5.1	-78.3	3.36	156.2	1.89	0.02	Not required
	WLAN2.4GHz Ant 3		0.416	0.532	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 11	WCDMA V Ant 0	Back	1.354	1.354	5mm	5.1	-78.3	3.36	161.2	1.86	0.02	Not required
	WLAN5GHz Ant 5+4		0.389	0.505	5mm	-34.2	78	-0.97				
	Bluetooth Ant 6		0.116		5mm							
	WCDMA V Ant 0	Back	1.354	1.354	5mm	5.1	-78.3	3.36	156.2	1.86	0.02	Not required
	WLAN5GHz Ant 5+4		0.389	0.505	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 12	WCDMA V Ant 0	Back	1.354	1.354	5mm	5.1	-78.3	3.36	156.2	1.88	0.02	Not required
	WLAN2.4GHz Ant 6		0.252	0.523	5mm	-29.3	74	-0.96				



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	WLAN5GHz Ant 5		0.271		5mm							
	WCDMA V Ant 0		1.354	1.354	5mm	5.1	-78.3	3.36				
	WLAN2.4GHz Ant 6	Back	0.252	0.523	5mm				162.6	1.88	0.02	Not required
	WLAN5GHz Ant 5		0.271		5mm	-28.2	80.8	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 13	LTE Band 7 Ant 0	Back	1.087	1.087	5mm	8.2	-78.6	3.37	136.8	1.62	0.02	Not required
	WLAN2.4GHz Ant 3		0.416	0.532	5mm	-39.4	49.6	-1.02				
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 7 Ant 0	Back	1.087	1.087	5mm	8.2	-78.6	3.37	157.2	1.62	0.01	Not required
	WLAN2.4GHz Ant 3		0.416	0.532	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 15	WCDMA V Ant 0	Back	1.087	1.087	5mm	5.1	-78.3	3.36	156.2	1.61	0.01	Not required
	WLAN2.4GHz Ant 6		0.252	0.523	5mm	-29.3	74	-0.96				
	WLAN5GHz Ant 5		0.271		5mm							
	WCDMA V Ant 0	Back	1.087	1.087	5mm	5.1	-78.3	3.36	162.6	1.61	0.01	Not required
	WLAN2.4GHz Ant 6		0.252	0.523	5mm							
	WLAN5GHz Ant 5		0.271		5mm	-28.2	80.8	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 16	LTE Band 12 Ant 0	Back	1.104	1.104	5mm	12	-81.9	3.46	141.3	1.64	0.01	Not required
	WLAN2.4GHz Ant 3		0.416	0.532	5mm	-39.4	49.6	-1.02				
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 12 Ant 0	Back	1.104	1.104	5mm	12	-81.9	3.46	161.3	1.64	0.01	Not required
	WLAN2.4GHz Ant 3		0.416	0.532	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 17	LTE Band 12 Ant 0	Back	1.104	1.104	5mm	12	-81.9	3.46	166.5	1.61	0.01	Not required
	WLAN5GHz Ant 5+4		0.389	0.505	5mm	-34.2	78	-0.97				
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 12 Ant 0	Back	1.104	1.104	5mm	12	-81.9	3.46	161.3	1.61	0.01	Not required
	WLAN5GHz Ant 5+4		0.389	0.505	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 18	LTE Band 12 Ant 0	Back	1.104	1.104	5mm	12	-81.9	3.46	161.3	1.63	0.01	Not required
	WLAN2.4GHz Ant 6		0.252	0.523	5mm	-29.3	74	-0.96				
	WLAN5GHz Ant 5		0.271		5mm							
	LTE Band 12 Ant 0	Back	1.104	1.104	5mm	12	-81.9	3.46	167.7	1.63	0.01	Not required
	WLAN2.4GHz Ant 6		0.252	0.523	5mm							
	WLAN5GHz Ant 5		0.271		5mm	-28.2	80.8	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 19	LTE Band 13 Ant 0	Back	1.222	1.222	5mm	12	-81.9	3.48	166.2	1.64	0.01	Not required
	WLAN2.4GHz Ant 6+3		0.416	0.416	5mm	-19.8	81.2	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 20	LTE Band 13 Ant 0	Back	1.222	1.222	5mm	12	-81.9	3.48	141.3	1.75	0.02	Not required
	WLAN2.4GHz Ant 3		0.416	0.532	5mm	-39.4	49.6	-1.02				
	Bluetooth Ant 6		0.116		5mm							



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	LTE Band 13 Ant 0	Back	1.222	1.222	5mm	12	-81.9	3.48	161.3	1.75	0.01	Not required
	WLAN2.4GHz Ant 3		0.416	0.532	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 21	LTE Band 13 Ant 0	Back	1.222	1.222	5mm	12	-81.9	3.48	166.5	1.73	0.01	Not required
	WLAN5GHz Ant 5+4		0.389	0.505	5mm	-34.2	78	-0.97				
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 13 Ant 0	Back	1.222	1.222	5mm	12	-81.9	3.48	161.3	1.73	0.01	Not required
	WLAN5GHz Ant 5+4		0.389	0.505	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 22	LTE Band 13 Ant 0	Back	1.222	1.222	5mm	12	-81.9	3.48	161.3	1.75	0.01	Not required
	WLAN2.4GHz Ant 6		0.252	0.523	5mm	-29.3	74	-0.96				
	WLAN5GHz Ant 5		0.271		5mm							
	LTE Band 13 Ant 0	Back	1.222	1.222	5mm	12	-81.9	3.48	167.7	1.75	0.01	Not required
	WLAN2.4GHz Ant 6		0.252	0.523	5mm							
	WLAN5GHz Ant 5		0.271		5mm	-28.2	80.8	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 23	LTE Band 26(5) Ant 0	Back	1.440	1.440	5mm	5.1	-81.7	3.36	164.8	1.86	0.02	Not required
	WLAN2.4GHz Ant 6+3		0.416	0.416	5mm	-19.8	81.2	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 24	LTE Band 26(5) Ant 0	Back	1.440	1.440	5mm	5.1	-81.7	3.36	138.7	1.97	0.02	Not required
	WLAN2.4GHz Ant 3		0.416	0.532	5mm	-39.4	49.6	-1.02				
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 26(5) Ant 0	Back	1.440	1.440	5mm	5.1	-81.7	3.36	159.5	1.97	0.02	Not required
	WLAN2.4GHz Ant 3		0.416	0.532	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 25	LTE Band 26(5) Ant 0	Back	1.440	1.440	5mm	5.1	-81.7	3.36	164.5	1.95	0.02	Not required
	WLAN5GHz Ant 5+4		0.389	0.505	5mm	-34.2	78	-0.97				
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 26(5) Ant 0	Back	1.440	1.440	5mm	5.1	-81.7	3.36	159.5	1.95	0.02	Not required
	WLAN5GHz Ant 5+4		0.389	0.505	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 26	LTE Band 26(5) Ant 0	Back	1.440	1.440	5mm	5.1	-81.7	3.36	159.5	1.96	0.02	Not required
	WLAN2.4GHz Ant 6		0.252	0.523	5mm	-29.3	74	-0.96				
	WLAN5GHz Ant 5		0.271		5mm							
	LTE Band 26(5) Ant 0	Back	1.440	1.440	5mm	5.1	-81.7	3.36	165.9	1.96	0.02	Not required
	WLAN2.4GHz Ant 6		0.252	0.523	5mm							
	WLAN5GHz Ant 5		0.271		5mm	-28.2	80.8	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 27	LTE Band 41 Ant 0	Back	1.238	1.238	5mm	10.6	-75.6	3.32	159.8	1.65	0.01	Not required
	WLAN2.4GHz Ant 6+3		0.416	0.416	5mm	-19.8	81.2	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR



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Case 28	LTE Band 41 Ant 0	Back	1.238	1.238	5mm	10.6	-75.6	3.32	134.9	1.77	0.02	Not required
	WLAN2.4GHz Ant 3		0.416	0.532	5mm	-39.4	49.6	-1.02				
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 41 Ant 0	Back	1.238	1.238	5mm	10.6	-75.6	3.32	154.9	1.77	0.02	Not required
	WLAN2.4GHz Ant 3		0.416	0.532	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 29	LTE Band 41 Ant 0	Back	1.238	1.238	5mm	10.6	-75.6	3.32	160.1	1.74	0.01	Not required
	WLAN5GHz Ant 5+4		0.389	0.505	5mm	-34.2	78	-0.97				
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 41 Ant 0	Back	1.238	1.238	5mm	10.6	-75.6	3.32	154.9	1.74	0.01	Not required
	WLAN5GHz Ant 5+4		0.389	0.505	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 30	LTE Band 41 Ant 0	Back	1.238	1.238	5mm	10.6	-75.6	3.32	154.9	1.76	0.02	Not required
	WLAN2.4GHz Ant 6		0.252	0.523	5mm	-29.3	74	-0.96				
	WLAN5GHz Ant 5		0.271		5mm							
	LTE Band 41 Ant 0	Back	1.238	1.238	5mm	10.6	-75.6	3.32	161.2	1.76	0.01	Not required
	WLAN2.4GHz Ant 6		0.252	0.523	5mm							
	WLAN5GHz Ant 5		0.271		5mm	-28.2	80.8	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 31	FR1 n7 Ant 0	Back	1.347	1.347	5mm	9.6	-64	3.23	148.2	1.76	0.02	Not required
	WLAN2.4GHz Ant 6+3		0.416	0.416	5mm	-19.8	81.2	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 32	FR1 n7 Ant 0	Back	1.347	1.347	5mm	9.6	-64	3.23	123.8	1.88	0.02	Not required
	WLAN2.4GHz Ant 3		0.416	0.532	5mm	-39.4	49.6	-1.02				
	Bluetooth Ant 6		0.116		5mm							
	FR1 n7 Ant 0	Back	1.347	1.347	5mm	9.6	-64	3.23	143.4	1.88	0.02	Not required
	WLAN2.4GHz Ant 3		0.416	0.532	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 33	FR1 n7 Ant 0	Back	1.347	1.347	5mm	9.6	-64	3.23	148.7	1.85	0.02	Not required
	WLAN5GHz Ant 5+4		0.389	0.505	5mm	-34.2	78	-0.97				
	Bluetooth Ant 6		0.116		5mm							
	FR1 n7 Ant 0	Back	1.347	1.347	5mm	9.6	-64	3.23	143.4	1.85	0.02	Not required
	WLAN5GHz Ant 5+4		0.389	0.505	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 34	FR1 n7 Ant 0	Back	1.347	1.347	5mm	9.6	-64	3.23	143.4	1.87	0.02	Not required
	WLAN2.4GHz Ant 6		0.252	0.523	5mm	-29.3	74	-0.96				
	WLAN5GHz Ant 5		0.271		5mm							
	FR1 n7 Ant 0	Back	1.347	1.347	5mm	9.6	-64	3.23	149.7	1.87	0.02	Not required
	WLAN2.4GHz Ant 6		0.252	0.523	5mm							
	WLAN5GHz Ant 5		0.271		5mm	-28.2	80.8	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case	FR1 n66 Ant 0	Back	1.091	1.091	5mm	-5.7	-85.3	2.75	139.1	1.62	0.01	Not required



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35	WLAN2.4GHz Ant 3	Back	0.416	0.532	5mm	-39.4	49.6	-1.02	143.4	1.62	0.01	Not required
	Bluetooth Ant 6		0.116		5mm							
	FR1 n7 Ant 0		1.091	1.091	5mm	9.6	-64	3.23				
	WLAN2.4GHz Ant 3		0.416	0.532	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 36	FR1 n66 Ant 0	Back	1.091	1.091	5mm	-5.7	-85.3	2.75	165.8	1.60	0.01	Not required
	WLAN5GHz Ant 5+4		0.389		5mm	-34.2	78	-0.97				
	Bluetooth Ant 6		0.116	0.505	5mm							
	FR1 n7 Ant 0	Back	1.091	1.091	5mm	9.6	-64	3.23	143.4	1.60	0.01	Not required
	WLAN5GHz Ant 5+4		0.389		5mm							
	Bluetooth Ant 6		0.116	0.505	5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 37	FR1 n66 Ant 0	Back	1.091	1.091	5mm	-5.7	-85.3	2.75	161.1	1.61	0.01	Not required
	WLAN2.4GHz Ant 6		0.252		5mm	-29.3	74	-0.96				
	WLAN5GHz Ant 5		0.271	0.523	5mm							
	FR1 n7 Ant 0	Back	1.091	1.091	5mm	9.6	-64	3.23	149.7	1.61	0.01	Not required
	WLAN2.4GHz Ant 6		0.252		5mm							
	WLAN5GHz Ant 5		0.271	0.523	5mm	-28.2	80.8	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 38	FR1 n41 Ant 0	Back	1.436	1.436	5mm	11.8	-74.4	3.28	158.8	1.85	0.02	Not required
	WLAN2.4GHz Ant 6+3		0.416	0.416	5mm	-19.8	81.2	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 39	FR1 n41 Ant 0	Back	1.436	1.436	5mm	11.8	-74.4	3.28	134.2	1.97	0.02	Not required
	WLAN2.4GHz Ant 3		0.416		5mm	-39.4	49.6	-1.02				
	Bluetooth Ant 6		0.116	0.532	5mm							
	FR1 n41 Ant 0	Back	1.436	1.436	5mm	11.8	-74.4	3.28	154.0	1.97	0.02	Not required
	WLAN2.4GHz Ant 3		0.416		5mm							
	Bluetooth Ant 6		0.116	0.532	5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 40	FR1 n41 Ant 0	Back	1.436	1.436	5mm	11.8	-74.4	3.28	159.2	1.94	0.02	Not required
	WLAN5GHz Ant 5+4		0.389		5mm	-34.2	78	-0.97				
	Bluetooth Ant 6		0.116	0.505	5mm							
	FR1 n41 Ant 0	Back	1.436	1.436	5mm	11.8	-74.4	3.28	154.0	1.94	0.02	Not required
	WLAN5GHz Ant 5+4		0.389		5mm							
	Bluetooth Ant 6		0.116	0.505	5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 41	FR1 n41 Ant 0	Back	1.436	1.436	5mm	11.8	-74.4	3.28	154.0	1.96	0.02	Not required
	WLAN2.4GHz Ant 6		0.252		5mm	-29.3	74	-0.96				
	WLAN5GHz Ant 5		0.271	0.523	5mm							
	FR1 n41 Ant 0	Back	1.436	1.436	5mm	11.8	-74.4	3.28	160.3	1.96	0.02	Not required
	WLAN2.4GHz Ant 6		0.252		5mm							
	WLAN5GHz Ant 5		0.271	0.523	5mm	-28.2	80.8	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 42	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	153.7	1.99	0.02	Not required
	LTE Band 7 Ant 1		0.662	1.078	5mm	22.8	70.8	3.08				



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	WLAN2.4GHz Ant 6+3		0.416		5mm							
	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31				
	LTE Band 7 Ant 1		0.662	1.078	5mm				163.0	1.99	0.02	Not required
	WLAN2.4GHz Ant 6+3		0.416		5mm	-19.8	81.2	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 43	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	153.7	2.11	0.02	Not required
	LTE Band 7 Ant 1		0.662		5mm	22.8	70.8	3.08				
	WLAN2.4GHz Ant 3		0.416	1.194	5mm							
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	135.6	2.11	0.02	Not required
	LTE Band 7 Ant 1		0.662		5mm							
	WLAN2.4GHz Ant 3		0.416	1.194	5mm	-39.4	49.6	-1.02				
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	157.2	2.11	0.02	Not required
	LTE Band 7 Ant 1		0.662		5mm							
	WLAN2.4GHz Ant 3		0.416	1.194	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 44	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	153.7	2.08	0.02	Not required
	LTE Band 7 Ant 1		0.662		5mm	22.8	70.8	3.08				
	WLAN5GHz Ant 5+4		0.389	1.167	5mm							
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	162.0	2.08	0.02	Not required
	LTE Band 7 Ant 1		0.662		5mm							
	WLAN5GHz Ant 5+4		0.389	1.167	5mm	-34.2	78	-0.97				
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	157.2	2.08	0.02	Not required
	LTE Band 7 Ant 1		0.662		5mm							
	WLAN5GHz Ant 5+4		0.389	1.167	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 45	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	153.7	2.10	0.02	Not required
	LTE Band 7 Ant 1		0.662		5mm	22.8	70.8	3.08				
	WLAN2.4GHz Ant 6		0.252	1.185	5mm							
	WLAN5GHz Ant 5		0.271		5mm							
	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	157.2	2.10	0.02	Not required
	LTE Band 7 Ant 1		0.662		5mm							
	WLAN2.4GHz Ant 6		0.252	1.185	5mm	-29.3	74	-0.96				
	WLAN5GHz Ant 5		0.271		5mm							
	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	163.7	2.10	0.02	Not required
	LTE Band 7 Ant 1		0.662		5mm							
	WLAN2.4GHz Ant 6		0.252	1.185	5mm							
	WLAN5GHz Ant 5		0.271		5mm	-28.2	80.8	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 46	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	153.9	1.91	0.02	Not required
	LTE Band 66(4) Ant 1		0.576	0.992	5mm	16.4	72	3.13				
	WLAN2.4GHz Ant 6+3		0.416		5mm							
	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	163.0	1.91	0.02	Not required
	LTE Band 66(4) Ant 1		0.576	0.992	5mm							
	WLAN2.4GHz Ant 6+3		0.416		5mm	-19.8	81.2	-0.99				



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Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 47	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	153.9	2.02	0.02	Not required
	LTE Band 66(4) Ant 1		0.576	1.108	5mm	16.4	72	3.13				
	WLAN2.4GHz Ant 3		0.416		5mm							
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	135.6	2.02	0.02	Not required
	LTE Band 66(4) Ant 1		0.576	1.108	5mm							
	WLAN2.4GHz Ant 3		0.416		5mm	-39.4	49.6	-1.02				
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	157.2	2.02	0.02	Not required
	LTE Band 66(4) Ant 1		0.576	1.108	5mm							
	WLAN2.4GHz Ant 3		0.416		5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 48	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	153.9	2.00	0.02	Not required
	LTE Band 66(4) Ant 1		0.576	1.081	5mm	16.4	72	3.13				
	WLAN5GHz Ant 5+4		0.389		5mm							
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	162.0	2.00	0.02	Not required
	LTE Band 66(4) Ant 1		0.576	1.081	5mm							
	WLAN5GHz Ant 5+4		0.389		5mm	-34.2	78	-0.97				
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	157.2	2.00	0.02	Not required
	LTE Band 66(4) Ant 1		0.576	1.081	5mm							
	WLAN5GHz Ant 5+4		0.389		5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 49	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	153.9	2.01	0.02	Not required
	LTE Band 66(4) Ant 1		0.576	1.099	5mm	16.4	72	3.13				
	WLAN2.4GHz Ant 6		0.252		5mm							
	WLAN5GHz Ant 5		0.271		5mm							
	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	157.2	2.01	0.02	Not required
	LTE Band 66(4) Ant 1		0.576	1.099	5mm							
	WLAN2.4GHz Ant 6		0.252		5mm	-29.3	74	-0.96				
	WLAN5GHz Ant 5		0.271		5mm							
	LTE Band 2 Ant 0	Back	0.914	0.914	5mm	-2.3	-80.8	3.31	163.7	2.01	0.02	Not required
	LTE Band 66(4) Ant 1		0.576	1.099	5mm							
	WLAN2.4GHz Ant 6		0.252		5mm							
	WLAN5GHz Ant 5		0.271		5mm	-28.2	80.8	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 50	LTE Band 66(4) Ant 0	Back	0.937	0.937	5mm	-3.9	-77.8	3.24	151.0	1.98	0.02	Not required
	LTE Band 26(5) Ant 1		0.631	1.047	5mm	19.9	71.2	-1.39				
	WLAN2.4GHz Ant 6+3		0.416		5mm							
	LTE Band 66(4) Ant 0	Back	0.937	0.937	5mm	-3.9	-77.8	3.24	159.8	1.98	0.02	Not required
	LTE Band 26(5) Ant 1		0.631	1.047	5mm							
	WLAN2.4GHz Ant 6+3		0.416		5mm	-19.8	81.2	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 51	LTE Band 66(4) Ant 0	Back	0.937	0.937	5mm	-3.9	-77.8	3.24	151.0	2.10	0.02	Not required
	LTE Band 26(5) Ant 1		0.631	1.163	5mm	19.9	71.2	-1.39				



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	WLAN2.4GHz Ant 3		0.416		5mm				132.3	2.10	0.02	Not required
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 66(4) Ant 0	Back	0.937	0.937	5mm	-3.9	-77.8	3.24				
	LTE Band 26(5) Ant 1		0.631		5mm							
	WLAN2.4GHz Ant 3		0.416	1.163	5mm	-39.4	49.6	-1.02				
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 66(4) Ant 0	Back	0.937	0.937	5mm	-3.9	-77.8	3.24	154.0	2.10	0.02	Not required
	LTE Band 26(5) Ant 1		0.631		5mm							
	WLAN2.4GHz Ant 3		0.416	1.163	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 52	LTE Band 66(4) Ant 0	Back	0.937	0.937	5mm	-3.9	-77.8	3.24	151.0	2.07	0.02	Not required
	LTE Band 26(5) Ant 1		0.631		5mm	19.9	71.2	-1.39				
	WLAN5GHz Ant 5+4		0.389	1.136	5mm							
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 66(4) Ant 0	Back	0.937	0.937	5mm	-3.9	-77.8	3.24	158.8	2.07	0.02	Not required
	LTE Band 26(5) Ant 1		0.631		5mm							
	WLAN5GHz Ant 5+4		0.389	1.136	5mm	-34.2	78	-0.97				
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 66(4) Ant 0	Back	0.937	0.937	5mm	-3.9	-77.8	3.24	154.0	2.07	0.02	Not required
	LTE Band 26(5) Ant 1		0.631		5mm							
	WLAN5GHz Ant 5+4		0.389	1.136	5mm							
	Bluetooth Ant 6		0.116		5mm	-29.2	74	-0.95				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 53	LTE Band 66(4) Ant 0	Back	0.937	0.937	5mm	-3.9	-77.8	3.24	151.0	2.09	0.02	Not required
	LTE Band 26(5) Ant 1		0.631		5mm	19.9	71.2	-1.39				
	WLAN2.4GHz Ant 6		0.252	1.154	5mm							
	WLAN5GHz Ant 5		0.271		5mm							
	LTE Band 66(4) Ant 0	Back	0.937	0.937	5mm	-3.9	-77.8	3.24	154.0	2.09	0.02	Not required
	LTE Band 26(5) Ant 1		0.631		5mm							
	WLAN2.4GHz Ant 6		0.252	1.154	5mm	-29.3	74	-0.96				
	WLAN5GHz Ant 5		0.271		5mm							
	LTE Band 66(4) Ant 0	Back	0.937	0.937	5mm	-3.9	-77.8	3.24	160.5	2.09	0.02	Not required
	LTE Band 26(5) Ant 1		0.631		5mm							
	WLAN2.4GHz Ant 6		0.252	1.154	5mm							
	WLAN5GHz Ant 5		0.271		5mm	-28.2	80.8	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 54	LTE Band 66(4) Ant 0	Back	0.937	0.937	5mm	-3.9	-77.8	3.24	151.0	2.02	0.02	Not required
	LTE Band 7 Ant 1		0.662		5mm	22.8	70.8	3.08				
	WLAN2.4GHz Ant 6+3		0.416	1.078	5mm							
	LTE Band 66(4) Ant 0	Back	0.937	0.937	5mm	-3.9	-77.8	3.24	159.8	2.02	0.02	Not required
	LTE Band 7 Ant 1		0.662		5mm							
	WLAN2.4GHz Ant 6+3		0.416	1.078	5mm	-19.8	81.2	-0.99				
Case No	Band	Position	SAR 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Gap (mm)	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
						X	Y	Z				
Case 55	LTE Band 66(4) Ant 0	Back	0.937	0.937	5mm	-3.9	-77.8	3.24	151.0	2.13	0.02	Not required
	LTE Band 7 Ant 1		0.662		5mm	22.8	70.8	3.08				
	WLAN2.4GHz Ant 3		0.416	1.194	5mm							
	Bluetooth Ant 6		0.116		5mm							
	LTE Band 66(4) Ant 0	Back	0.937	0.937	5mm	-3.9	-77.8	3.24	132.3	2.13	0.02	Not required
	LTE Band 7 Ant 1		0.662	1.194	5mm							