



Ant 0

Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																										
									Auto-Tune state 17	1	9	17	25	33	41	49	57	65	73	81	89	97	105	113	121	129	137	145	153	161	169	177	185	193	201
LTE Band 28	QPSK	26865	831.5	1	0	Left Cheek	0mm	3.76	0.007	0.001	0.124	0.207	0.083	0.17	0.001	0.08	0.001	0.001	0.107	0.204	0.072	0.11	0.125	0.084	0.083	0.05	0.001	0.001	0.004	0.188	0.001	0.001	0.002	0.001	0.015
LTE Band 28	QPSK	26865	831.5	1	0	Back	0mm	3.64	0.146	0.247	0.465	0.721	0.364	0.625	0.120	0.247	0.176	0.071	0.400	0.695	0.120	0.354	0.527	0.327	0.307	0.001	0.112	0.378	0.228	0.561	0.001	0.160	0.176	0.12	0.43
LTE Band 12	QPSK	23095	787.5	1	0	Left Cheek	0mm	0.137	0.158	0.120	0.104	0.001	0.001	0.004	0.114	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
LTE Band 12	QPSK	23095	787.5	1	0	Back	0mm	0.04	0.005	0.001	0.001	0.001	0.001	0.001	0.114	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
LTE Band 13	QPSK	23220	792	1	0	Left Cheek	0mm	0.154	0.194	0.089	0.001	0.112	0.156	0.101	0.068	0.001	0.001	0.001	0.001	0.117	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
LTE Band 13	QPSK	23220	792	1	0	Back	0mm	0.015	0.008	0.350	0.001	0.401	0.04	0.311	0.308	0.231	0.219	0.190	0.001	0.41	0.207	0.227	0.564	0.007	0.208	0.139	0.120	0.382	0.001	0.24	0.684	0.001	0.219	0.001	0.165
FDD-LTE	QPSK	19030	831.5	1	1	Left Cheek	0mm	3.75	0.120	0.001	0.01	0.071	0.112	0.01	0.002	0.01	0.01	0.07	0	0.01	0.105	0	0.007	0.009	0.01	0.01	0.01	0.007	0.01	0.01	0.01	0.01	0.01	0.01	
FDD-LTE	QPSK	19030	831.5	1	1	Back	0mm	0.509	0.137	0.300	0.128	0.413	0.000	0.302	0.127	0.291	0.413	0.407	0.205	0.400	0.182	0.307	0.286	0.207	0.078	0	0.372	0.318	0.108	0	0.127	0.120	0.310	0.007	



Ant 1

Ant 1																		
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
									Auto-Tune state 38	0	32	64	96	128	160	192		
LTE Band 2	QPSK	19100	1900	1	0	Right Flank	0mm	0.444	0.389	0.54	0.552	0.203	0.507	0.81	0.336	0.685		
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
LTE Band 2	QPSK	19100	1800	1	0	Back	5mm	0.651	1.04	0.757	0.8	0.287	0.358	0.536	0.228	0.434		
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
LTE Band 2	QPSK	19100	1900	1	0	Top Side	0mm	1.91	7.89	7.62	5.68	4.32	2.16	4.56	1.67	2.35		
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
LTE Band 28	QPSK	28850	831.5	1	0	Right Cheek	0mm	0.633	0.819	0.458	0.378	0.601	0.148	0.247	0.113	0.601		
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
LTE Band 28	QPSK	28850	831.5	1	0	Back	5mm	0.572	0.861	0.407	0.317	0.601	0.156	0.267	0.091	0.601		
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
LTE Band 7	QPSK	21350	2560	1	0	Right Flank	0mm	0.718	1	0.855	0.788	0.37	0.554	0.801	0.451	0.462		
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
LTE Band 7	QPSK	21350	2535	1	0	Back	5mm	0.721	1.13	0.759	0.88	0.445	0.438	0.7	0.343	0.371		
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
LTE Band 7	QPSK	21350	2535	1	0	Top Side	0mm	1.97	7.87	5.42	2.82	6.54	6.35	6.87	6.54	6.05		
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
LTE Band 12	QPSK	23250	707.5	1	0	Right Cheek	0mm	0.791	0.922	0.514	0.601	0.662	0.601	0.671	0.601	0.601		
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
LTE Band 12	QPSK	23250	707.5	1	0	Back	5mm	0.871	0.796	0.412	0.574	0.652	0.601	0.601	0.601	0.601		
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
LTE Band 13	QPSK	23250	782	1	0	Right Cheek	0mm	0.643	0.508	0.486	0.506	0.601	0.757	0.289	0.051	0.201		
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
LTE Band 13	QPSK	23250	782	1	0	Back	5mm	0.614	0.652	0.448	0.737	0.601	0.647	0.287	0.601	0.221		
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
LTE Band 41	QPSK	41050	2630.5	1	0	Right Flank	0mm	0.702	1.05	0.940	0.906	0.897	1.02	0.976	0.827	0.12		
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
LTE Band 41	QPSK	40620	2650	1	0	Back	5mm	0.684	1.16	1.13	1.04	0.675	1.08	0.665	0.724	0.515		
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
LTE Band 41	QPSK	40620	2650	1	0	Top Side	0mm	1.91	8.9	6.12	7.17	5.48	7.42	8.9	8.64	7.5		
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
LTE Band 68	QPSK	132570	1770	1	0	Right Flank	0mm	0.658	0.651	0.363	0.46	0.627	0.327	0.691	0.125	0.601		
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
LTE Band 68	QPSK	132570	1720	1	0	Back	5mm	0.708	1.09	0.291	0.385	0.391	0.287	0.746	0.103			
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
LTE Band 68	QPSK	132570	1770	1	0	Top Side	0mm	1.88	6.83	2.39	3.83	2.58	3.08	3.21	1.18			
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
FR1-r2	QPSK	380500	1000	1	1	Right Flank	0mm	0.643	0.797	0.582	0.682	0.508	0.817	0.339	0.323			
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
FR1-r2	QPSK	376500	1800	30	28	Back	5mm	0.634	0.546	0.343	0.718	0.28	0.645	0.195	0.158			
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
FR1-r2	QPSK	376500	1800	1	1	Back	0mm	1.91	8.9	1.59	2.89	1.56	2.74	1.07	0.756			
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)									
FR1-r7	QPSK	507000	2535	1	1	Right Flank	0mm	0.7	1.17	0.871	1.11	0.774	1.17	0.647	0.507			



Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
									Auto-Tune state 1	22	54	86	118	150	182	
FR1-r7	QPSK	507000	2030	1	1	Back	5mm	0.646	0.937	0.533	0.85	0.494	0.881	0.405	0.899	
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
FR1-r7	QPSK	507000	2030	1	1	Front	5mm	1.87	7	3.88	5.92	3.53	5.99	2.91	5.88	
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
FR1-r26	QPSK	168300	831.5	1	1	Right Chant	5mm	0.626	0.91	0.01	0.887	0.009	0.737	0.002	0.32	
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
FR1-r26	QPSK	168300	831.5	30	26	Back	5mm	0.812	0.08	0.000	0.756	0.000	0.436	0.000	0.660	
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
FR1-r41	QPSK	518500	2592.99	1	1	Right TBar2	5mm	0.714	0.876	0.862	0.8	0.794	0.874	0.82	0.812	
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
FR1-r41	QPSK	518500	2592.99	1	1	Back	5mm	0.686	0.905	0.985	0.921	0.949	0.898	0.88	0.834	
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
FR1-r41	QPSK	518500	2592.99	1	1	Front	5mm	1.71	7.42	7.38	6.91	6.94	6.94	6.46	5.48	
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
FR1-r68	QPSK	349000	1745	1	1	Right TBar2	5mm	0.738	1.72	0.648	0.608	0.688	0.493	1.29	0.364	
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
FR1-r68	QPSK	349000	1745	1	1	Back	5mm	0.702	0.988	0.436	0.355	0.189	0.238	0.199	0.181	
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)							
FR1-r68	QPSK	349000	1745	308	54	Top Side	5mm	1.91	1.11	4.62	3.74	2.2	1.68	1.05	1.66	



Ant 2

Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																
									Auto-Tune state 10	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LTE Band 2	QPSK	18900	1890	1	0	Right Check	Down	1.74	0.098	0.001	0.004	0.00	0.001	0.004	0.007	0.011	0.008	0.007	0.134	0.075	0.064	0.076	0.001	0.001	
LTE Band 2	QPSK	18700	1890	1	0	Front	Down	1.02	1.7	1.03	0.901	1.23	1.01	0.912	1.6	1.31	1.26	1.44	1.15	1.7	1.16	1.24	1.25	0.801	0.302
LTE Band 2	QPSK	18700	1890	1	0	Bottom Side	Down	2.3	7.62	6.58	5.75	7.08	7.69	5.31	6.90	7.76	7.42	7.8	6.43	7.05	5.4	1.42	1.42	4.50	3.81
LTE Band 7	QPSK	21100	2035	1	0	Right Check	Down	0.133	0.253	0.09	0.225	0.2	0.116	0.201	0.112	0.082	0.203	0.091	0.065	0.195	0.138	0.121	0.094	0.075	0.194
LTE Band 7	QPSK	21100	2035	1	0	Back	Down	1.61	1.24	0.522	1.21	1.02	0.602	1.07	0.654	0.458	1.24	0.461	0.323	0.97	0.688	0.637	0.502	0.360	1
LTE Band 7	QPSK	20800	2035	1	0	Bottom Side	Down	2.35	12	6.29	10.0	11.5	7.15	9.3	7.70	5.32	11.3	6.05	4.05	12	9.34	7.41	6.36	4.80	6.18
LTE Band 41 FPLTE	QPSK	40420	2035	1	0	Right Check	Down	3.76	0.001	0.130	0.105	0.06	0.098	0.112	0.001	0.157	0.05	0.001	0.154	0.114	0.064	0.001	0.001	0.001	0.002
LTE Band 41	QPSK	41400	2040	1	0	Bottom Side	Down	3.99	1.25	0.387	1.48	1.18	0.867	0.71	0.828	0.372	1.26	0.39	0.256	1.14	0.607	0.672	0.41	0.384	0.719
LTE Band 41 FPLTE	QPSK	40420	2035	1	0	Bottom Side	Down	2.46	0.84	3.03	6.95	8.84	5.08	8.84	7.90	3.32	7.1	3.81	2.42	8.78	8.68	5.23	3.9	2.74	3.89
LTE Band 68	QPSK	122520	1745	1	0	Right Check	Down	0.084	0.178	0.071	0.075	0.176	0.113	0.054	0.149	0.113	0.17	0.099	0.065	0.174	0.076	0.114	0.085	0.001	0.001
LTE Band 68	QPSK	120720	1720	1	0	Bottom Side	Down	0.81	1.2	0.347	0.621	1.2	0.707	0.439	0.645	0.645	1.19	0.528	0.335	0.793	0.398	0.662	0.453	0.219	0.228
LTE Band 68	QPSK	122520	1745	1	0	Front	Down	2.4	3.35	3.34	7.07	4.95	2.46	6.38	3.31	6.86	4.82	0.20	7.08	3.07	5.15	4.11	2.15	1.42	
FR1 12	QPSK	373000	1890	1	1	Right Check	Down	3.74	0.01	0.055	0.01	0.061	0.01	0.01	0.01	0.003	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.004
FR1 12	QPSK	372000	1890	1	1	Bottom Side	Down	1.09	1.01	0.661	0.467	0.446	0.72	0.39	1.00	0.871	0.603	0.888	0.605	1.01	0.603	0.620	0.706	0.384	0.228
FR1 12	QPSK	372000	1890	1	1	Front	Down	2.28	7.8	6.92	3.43	6.15	0.79	3	7.8	7.29	6.40	7.77	6.47	7.17	6.73	7.05	7.26	4.52	1.81
FR1 17	QPSK	507000	2035	1	1	Right Check	Down	0.123	0.169	0.138	0.140	0.074	0.061	0.001	0.162	0.083	0.072	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
FR1 17	QPSK	507000	2035	1	1	Bottom Side	Down	0.88	1.22	0.972	1.12	0.958	0.73	0.86	0.694	0.615	1.22	0.542	0.386	0.844	0.682	0.750	0.502	0.422	1.02
FR1 17	QPSK	507000	2035	1	1	Bottom Side	Down	2.76	0.12	11.3	12.5	7.08	0.21	8.58	5.17	11.6	6	3.38	13	10.2	7.38	5.2	4.72	5.24	
FR1 141	QPSK	318580	2032.99	155	69	Right Check	Down	3.128	0.16	0.01	0.134	0.15	0.063	0.087	0.106	0.01	0.145	0.055	0.01	0.147	0.114	0.068	0.01	0.01	0.008
FR1 141	QPSK	318580	2032.99	155	69	Bottom Side	Down	1.05	0.060	0.385	0.910	0.844	0.503	0.707	0.571	0.339	0.803	0.389	0.25	0.861	0.65	0.600	0.395	0.26	0.058
FR1 141	QPSK	318580	2032.99	155	69	Bottom Side	Down	2.34	7.68	3.33	6	7.96	4.4	3.32	6.01	2.83	5.66	3.29	2.05	7.53	7.54	4.67	3.42	2.33	3.34
FR1 486	QPSK	349000	1745	1	1	Right Check	Down	0.1	0.142	0.05	0.050	0.142	0.142	0.001	0.109	0.088	0.135	0.074	0.001	0.129	0.035	0.087	0.003	0.001	0.01
FR1 486	QPSK	349000	1745	158	54	Bottom Side	Down	0.971	0.971	0.318	0.408	0.979	0.614	0.303	0.623	0.576	0.927	0.479	0.299	0.722	0.309	0.570	0.408	0.191	0.191
FR1 486	QPSK	349000	1745	159	54	Front	Down	2.41	4.43	3	2.91	6.09	4.4	2.14	5.84	4.7	5.99	4.23	2.9	4.43	3.42	4.83	3.72	1.91	1.2