



Ant 0

Mode	Service Modulation	Channel	Frequency (MHz)	BS Size	BS Offset	Test Position	Spacing	Measurement Id. S48 (MHz)	Average Value of Time Series (h/ky)																																																																																																																										
									Auto-Tune (h/ky)	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	86	94	102	110	118	126	134	142	150	158	166	174	182	190	198	206																																																																																
FS	FS	FS	FS	FS	FS	FS	FS	FS	0.78	0.79	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17	1.18	1.19	1.20	1.21	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30	1.31	1.32	1.33	1.34	1.35	1.36	1.37	1.38	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1.53	1.54	1.55	1.56	1.57	1.58	1.59	1.60	1.61	1.62	1.63	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99	2.00
FS	FS	FS	FS	FS	FS	FS	FS	FS	0.78	0.79	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17	1.18	1.19	1.20	1.21	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30	1.31	1.32	1.33	1.34	1.35	1.36	1.37	1.38	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1.53	1.54	1.55	1.56	1.57	1.58	1.59	1.60	1.61	1.62	1.63	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99	2.00
FS	FS	FS	FS	FS	FS	FS	FS	FS	0.78	0.79	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17	1.18	1.19	1.20	1.21	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30	1.31	1.32	1.33	1.34	1.35	1.36	1.37	1.38	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1.53	1.54	1.55	1.56	1.57	1.58	1.59	1.60	1.61	1.62	1.63	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99	2.00
FS	FS	FS	FS	FS	FS	FS	FS	FS	0.78	0.79	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17	1.18	1.19	1.20	1.21	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30	1.31	1.32	1.33	1.34	1.35	1.36	1.37	1.38	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1.53	1.54	1.55	1.56	1.57	1.58	1.59	1.60	1.61	1.62	1.63	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99	2.00



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	18	114	
LTE Band 2	QPSK	1930	1930	1	0	Right Tilted	0mm	0.644	0.989	0.54	0.992	0.203	0.607	0.81	0.336	0.465	0.483	0.432	
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	1930	1880	1	0	Back	5mm	0.651	1.00	0.707	0.8	0.287	0.308	0.538	0.226	0.454	0.623	0.350	
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	1930	1930	1	0	Top Side	0mm	1.81	7.60	7.69	5.68	4.32	2.16	4.56	1.67	2.35	3.04	0.93	
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 29	QPSK	2685	8315	1	0	Right Check	0mm	0.633	0.879	0.458	0.378	0.001	0.149	0.247	0.113	0.001	0.613	0.622	
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 29	QPSK	2685	8315	1	0	Back	5mm	0.572	0.861	0.407	0.317	0.001	0.109	0.387	0.081	0.001	0.184	0.111	
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	2130	2580	1	0	Right Tilted	0mm	0.718	1	0.809	0.786	0.87	0.954	0.801	0.481	0.482	0.194	0.151	
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	2130	2530	1	0	Back	5mm	0.721	1.13	0.709	0.88	0.445	0.438	0.7	0.343	0.371	0.124	0.171	
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	2130	2530	1	0	Top Side	0mm	1.97	7.67	5.42	2.82	6.54	6.35	6.87	6.54	6.05	6.56	6.04	
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	2305	7075	1	0	Right Check	0mm	0.701	0.922	0.514	0.501	0.082	0.061	0.071	0.001	0.001	0.054	0.121	
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	2305	7075	1	0	Back	5mm	0.617	0.702	0.412	0.374	0.052	0.031	0.001	0.001	0.001	0.004	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 4	QPSK	4155	2635.5	1	0	Right Tilted	0mm	0.702	1.05	0.340	0.586	0.837	1.02	0.376	0.827	0.12	0.314	0.451	
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 4	QPSK	4020	2593	1	0	Back	5mm	0.684	1.16	1.13	1.04	0.475	1.08	0.865	0.724	0.815	0.523	0.141	
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 4	QPSK	4020	2593	1	0	Top Side	0mm	1.91	8.9	6.12	7.17	5.48	7.42	8.9	8.64	7.5	5.4	8.42	
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 69	QPSK	12572	1770	1	0	Right Tilted	0mm	0.658	0.801	0.303	0.45	0.627	0.327	0.691	0.125	0.001	0.184	0.381	
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 69	QPSK	12572	1720	1	0	Back	5mm	0.709	1.05	0.251	0.365	0.391	0.267	0.748	0.103	0.459	0.153	0.041	
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 69	QPSK	12572	1770	1	0	Top Side	0mm	1.48	6.87	2.39	3.83	2.58	3.08	2.21	1.18	1.21	4.04	1.07	
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-e1	QPSK	51858	2592.99	1	1	Right Tilted	0mm	0.714	0.970	0.862	0.8	0.794	0.874	0.82	0.812	0.493	0.602	0.174	
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-e1	QPSK	51858	2592.99	1	1	Back	5mm	0.665	0.905	0.885	0.921	0.849	0.888	0.88	0.834	0.603	0.602	0.244	
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-e1	QPSK	51858	2592.99	1	1	Front	0mm	1.21	7.42	7.38	8.91	8.84	5.94	8.46	5.48	5.91	5.02	3.37	
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-e6b	QPSK	34920	1745	1	1	Right Tilted	0mm	0.738	1.72	0.648	0.558	0.685	0.483	1.25	0.384	0.813	0.302	0.054	
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-e6b	QPSK	34920	1745	1	1	Back	5mm	0.702	0.958	0.438	0.355	0.188	0.238	0.199	0.181	0.683	0.512	0.254	
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-e6b	QPSK	34920	1745	108	34	Top Side	0mm	1.83	7.11	6.62	3.74	3.3	1.60	1.56	1.65	4.28	1.57	2.94	
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-e5	QPSK	18730	838.5	1	1	Right Check	0mm	0.528	0.628	0.503	0.482	0.134	0.161	0.319	0.213	0.371	0.279	0.243	
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-e5	QPSK	18730	838.5	1	1	Back	5mm	0.545	0.768	0.593	0.472	0.034	0.251	0.409	0.163	0.151	0.479	0.073	



Ant 1																																																																												
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Sse	RB Offset	Test Position	Spacing	Measured 10g SAR (W/kg)	Auto-Tune state 2	Average Value of Time Sweep (W/kg)																																																																		
										0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19																																															
LTE Band 2	QPSK	1900	1900	1	0	Top Side	0mm	1.91	7.63	4.95	6.03	7.69	7.57	7.37	7.31	7.27	7.17	7.13	7.08	6.98	6.91	6.56	5.85	5.99	4.7	3.89	3.46	3.33	3.15																																															
										LTE Band 7	QPSK	2100	2535	1	0	Top Side	0mm	1.97	7.67	2.37	3.09	4.1	4.71	4.06	5.14	5.77	5.42	5.43	5.64	5.69	5.77	5.93	4.28	3.35	6.27	6.83	6.77	6.17	6.71																																					
																				LTE Band 41	QPSK	40020	2583	0	Top Side	0mm	1.91	8.9	2.57	3.55	4.6	5.23	6.13	6.17	6.43	6.73	6.63	6.92	7.02	7.16	7.32	4.89	6.12	7.72	7.83	8.25	7.97	8.09																												
																													LTE Band 68	QPSK	132972	1770	0	Top Side	0mm	1.86	6.83	4.67	5.65	6.83	5.68	5.2	5.07	4.96	4.81	4.76	4.68	4.59	4.52	4.38	4.27	3.47	3.36	2.71	2.39	2.26	2.13																			
																																						FR1 e18	QPSK	34000	1745	108	54	Top Side	0mm	1.83	7.11	4.68	5.47	5.98	5.93	5.89	5.94	5.89	5.81	5.83	5.71	5.99	5.65	5.4	5.35	4.66	4.55	3.72	3.85	4.52										
																																																FR1 e68	QPSK	34000	1745	1	Right Thru	0mm	0.798	1.72	1.26	1.72	1.15	1.01	0.913	0.884	0.85	0.813	0.796	0.778	0.762	0.75	0.67	1.17	0.864	0.509	0.384	0.379	0.305	0.295



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	3.76	0.124	0.098	0.001	0.004	0.00	0.001	0.004	0.007	0.071	0.088	0.087	0.134	0.075	0.094	0.078	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	1.26	1.31	1.26	1.44	1.15	1.7	1.18	1.24	1.25	0.801	0.302
LTE Band 2	QPSK	18700	1890	1	0	Bottom Side	Down	2.3	7.82	6.58	0.75	7.08	7.89	0.31	6.90	7.78	7.42	7.8	6.43	7.09	5.4	1.42	1.42	4.60	3.81
LTE Band 7	QPSK	21100	2038	1	0	Right Check	Down	0.133	0.253	0.09	0.225	0.2	0.116	0.201	0.112	0.082	0.253	0.091	0.068	0.195	0.138	0.121	0.094	0.075	0.194
LTE Band 7	QPSK	21100	2038	1	0	Back	Down	1.61	1.24	0.522	1.21	1.02	0.602	1.07	0.654	0.458	1.24	0.481	0.323	0.97	0.698	0.637	0.502	0.360	1
LTE Band 7	QPSK	20800	2038	1	0	Bottom Side	Down	2.35	12	6.29	10.0	11.5	7.15	8.9	7.76	5.32	11.3	6.05	4.05	12	9.34	7.41	6.36	4.88	6.18
LTE Band 41 FPLTE	QPSK	40420	2093	1	0	Right Check	Down	0.157	0.001	0.130	0.105	0.08	0.098	0.112	0.001	0.157	0.05	0.001	0.154	0.114	0.094	0.001	0.001	0.001	0.002
LTE Band 41	QPSK	41400	2093	1	0	Bottom Side	Down	3.96	1.25	0.387	1.48	1.18	0.867	0.71	0.828	0.372	1.25	0.39	0.258	1.14	0.307	0.572	0.41	0.284	0.178
LTE Band 41 FPLTE	QPSK	40420	2093	1	0	Bottom Side	Down	2.48	0.84	0.33	0.65	0.84	0.68	0.84	7.90	0.32	7.1	3.89	2.42	8.78	8.68	5.23	3.9	2.74	3.89
LTE Band 68	QPSK	12252	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	0.068	0.174	0.076	0.114	0.085	0.001	0.001
LTE Band 68	QPSK	12072	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	0.763	0.308	0.662	0.453	0.219	0.228
LTE Band 68	QPSK	12252	1745	1	0	Front	Down	2.4	3.35	3.34	7.07	4.95	2.46	6.38	0.31	6.86	4.82	0.20	7.08	3.67	5.15	4.11	2.15	1.42	
FRI 141	QPSK	31898	2522.99	135	69	Right Check	Down	3.108	0.15	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	0.088
FRI 141	QPSK	31898	2522.99	135	69	Bottom Side	Down	1.05	0.080	0.085	0.912	0.844	0.903	0.707	0.971	0.339	0.802	0.389	0.25	0.881	0.63	0.603	0.393	0.28	0.058
FRI 141	QPSK	31898	2522.99	135	69	Bottom Side	Down	2.34	7.58	3.33	6	7.98	4.8	3.32	6.91	2.69	5.86	3.29	2.65	7.53	7.54	4.67	3.42	2.33	3.34
FRI 148	QPSK	36900	1745	1	1	Right Check	Down	0.1	0.142	0.05	0.058	0.142	0.142	0.001	0.109	0.088	0.135	0.074	0.001	0.129	0.056	0.087	0.083	0.001	0.01
FRI 148	QPSK	36900	1745	108	54	Bottom Side	Down	0.973	0.972	0.316	0.468	0.979	0.614	0.353	0.623	0.578	0.827	0.479	0.299	0.722	0.309	0.579	0.408	0.181	0.191
FRI 148	QPSK	36900	1745	108	54	Front	Down	2.41	4.45	3	2.01	5.09	4.4	2.14	5.54	4.7	5.50	4.23	2.3	6.43	3.42	4.63	3.72	1.91	1.2