

Bluetooth Ant 4

BR / EDR

Power Table 2

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	7.99	6.70	6.71
	CH 39	2441	7.83	6.57	6.59
	CH 78	2480	7.93	6.66	6.75
Tune-up Limit			9	9	9

Power Table 1

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.69	12.19	12.20
	CH 39	2441	15.23	12.47	12.59
	CH 78	2480	15.28	12.72	12.67
Tune-up Limit			15.5	15.5	15.5

LE

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			GFSK	
LE	CH 00	2402	9.00	
	CH 19	2440	8.70	
	CH 39	2480	8.50	
Tune-up Limit			9	

LE 5.0

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	
LE	CH 00	2402	9.00	
	CH 19	2440	8.80	
	CH 39	2480	8.50	
Tune-up Limit			9	



Appendix F. Supplemental Tuner Head & Body SAR Results

The results are shown as follows.

Head															
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
GSM850	GPRS (2 Tx slots)	824.2	128	N/A	N/A	Right Cheek	0mm	0.169	Auto-Tune (State 107)	0	28	56	84	112	140
									0.185	0.116	0.088	0.116	0.116	0.069	0.078
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
GSM1900	GPRS (3 Tx slots)	1850.2	512	N/A	N/A	Left Cheek	0mm	0.12	Auto-Tune (State 103)	1	29	57	85	113	141
									0.133	0.017	0.093	0.045	0.074	0.102	0.074
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
WCDMA B2	RM12.2K	1852.4	9262	N/A	N/A	Left Cheek	0mm	0.176	Auto-Tune (State 51)	2	30	58	86	114	142
									0.19	0.121	0.093	0.178	0.159	0.083	0.121
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
WCDMA B4	RM12.2K	1732.6	1413	N/A	N/A	Left Cheek	0mm	0.19	Auto-Tune (State 66)	3	31	59	87	115	143
									0.3	0.146	0.174	0.108	0.269	0.06	0.279
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
WCDMA B5	RM12.2K	836.4	4182	N/A	N/A	Right Cheek	0mm	0.135	Auto-Tune (State 109)	4	32	60	88	116	0
									0.114	0.026	0.102	0.045	0.102	0.055	0.045
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
CDMA BC0	1xRTT RC3 SO55	836.52	384	N/A	N/A	Right Cheek	0mm	0.134	Auto-Tune (State 109)	5	33	61	89	117	1
									0.186	0.174	0.117	0.127	0.032	0.117	0.127
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
CDMA BC1	1xRTT RC3 SO55	1880	600	N/A	N/A	Left Cheek	0mm	0.223	Auto-Tune (State 51)	6	34	62	90	118	2
									0.22	0.113	0.208	0.028	0.113	0.056	0.094
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
CDMA BC10	1xRTT RC3 SO55	820.5	580	N/A	N/A	Left Cheek	0mm	0.116	Auto-Tune (State 64)	7	35	63	91	119	3
									0.162	0.055	0.16	0.131	0.046	0.017	0.036
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B7	QPSK	2535	21100	1	0	Left Cheek	0mm	0.135	Auto-Tune (State 52)	8	36	64	92	120	4
									0.153	0.113	0.027	0.056	0.018	0.056	0.141
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B7_Ant 2	QPSK	2535	21100	1	0	Right Cheek	0mm	0.191	Auto-Tune (State 25)	9	37	65	93	121	5
									0.304	0.292	0.292	0.026	0.15	0.083	0.245
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B12	QPSK	707.5	23095	1	0	Right Cheek	0mm	0.064	Auto-Tune (State 140)	10	38	66	94	122	6
									0.071	0.012	0.021	0.059	0.002	0.069	0.012
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B12_Ant 2	QPSK	707.5	23095	1	0	Left Cheek	0mm	0.033	Auto-Tune (State 67)	11	39	67	95	123	7
									0.045	0.024	0.024	0.045	0.043	0.033	0.033
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B13	QPSK	782	23230	1	0	Left Cheek	0mm	0.09	Auto-Tune (State 140)	12	40	68	96	124	8
									0.102	0.024	0.043	0.09	0.014	0.033	0.09
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B13_Ant 2	QPSK	782	23230	1	0	Left Cheek	0mm	0.055	Auto-Tune (State 67)	13	41	69	97	125	9
									0.073	0.014	0.052	0.071	0.071	0.042	0.042
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B14	QPSK	793	23330	1	0	Left Cheek	0mm	0.103	Auto-Tune (State 140)	14	42	70	98	126	10
									0.119	0.107	0.069	0.031	0.012	0.079	0.098
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B14_Ant 2	QPSK	793	23330	1	0	Right Cheek	0mm	0.054	Auto-Tune (State 67)	15	43	71	99	127	11
									0.071	0.04	0.04	0.021	0.002	0.021	0.069
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B25	QPSK	1880	26340	1	0	Left Cheek	0mm	0.174	Auto-Tune (State 52)	16	44	72	100	128	12
									0.221	0.105	0.086	0.095	0.038	0.076	0.086
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B25_Ant 2	QPSK	1880	26340	1	0	Right Cheek	0mm	0.082	Auto-Tune (State 87)	17	45	73	101	129	13
									0.103	0.082	0.082	0.015	0.034	0.063	0.072
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B26	QPSK	831.5	26865	1	0	Right Cheek	0mm	0.121	Auto-Tune (State 113)	18	46	74	102	130	14
									0.135	0.028	0.066	0.066	0.009	0.123	0.085
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B26_Ant 2	QPSK	831.5	26865	1	0	Left Cheek	0mm	0.038	Auto-Tune (State 63)	19	47	75	103	131	15
									0.041	0.029	0.029	0.01	0.029	0.02	0.01
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B30	QPSK	2310	27710	1	0	Left Cheek	0mm	0.076	Auto-Tune (State 117)	20	48	76	104	132	16
									0.0833	0.072	0.034	0.053	0.072	0.005	0.015
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B30_Ant 2	QPSK	2310	27710	1	0	Right Cheek	0mm	0.042	Auto-Tune (State 103)	21	49	77	105	133	17
									0.048	0.017	0.027	0.046	0.036	0.036	0.036
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B41	QPSK	2593	40620	1	0	Left Cheek	0mm	0.068	Auto-Tune (State 66)	22	50	78	106	134	18
									0.078	0.019	0.057	0.076	0.047	0.047	0.019
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B41_Ant 2	QPSK	2506	39750	1	0	Left Cheek	0mm	0.081	Auto-Tune (State 20)	23	51	79	107	135	19
									0.0984	0.049	0.077	0.068	0.068	0.02	0.096
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B66	QPSK	1720	132072	1	0	Right Cheek	0mm	0.148	Auto-Tune (State 128)	24	52	80	108	136	20
									0.15	0.1	0.138	0.138	0.138	0.043	0.062
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B66_Ant 2	QPSK	1720	132072	1	0	Right Cheek	0mm	0.098	Auto-Tune (State 90)	25	53	81	109	137	21
									0.105	0.074	0.017	0.055	0.074	0.093	0.055
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B71	QPSK	683	133322	1	0	Left Cheek	0mm	0.056	Auto-Tune (State 141)	26	54	82	110	138	22
									0.0513	0.011	0.011	0.002	0.049	0.03	0.03
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B71_Ant 2	QPSK	683	133322	1	0	Right Cheek	0mm	0.024	Auto-Tune (State 71)	27	55	83	111	139	23
									0.032	0.011	0.011	0.001	0.02	0.011	0.001

Body																	
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		DSI 5	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
GSM850	GPRS (3 Tx slots)	824.2	128	N/A	N/A	Back	5mm		Close	0.606	Auto-Tune (State 109)	0	28	56	84	112	140
										0.897		0.743	0.724	0.39	0.6	0.524	0.543
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		DSI 3	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
GSM1900	GPRS (3 Tx slots)	1880	661	N/A	N/A	Bottom Side	5mm		Open	0.709	Auto-Tune (State 51)	1	29	57	85	113	141
										1.09		0.307	1.031	0.202	0.888	0.678	0.526
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		DSI 5	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
WCDMA B2	RMC12.2K	1852.4	9262	N/A	N/A	Bottom Side	5mm		Close	0.75	Auto-Tune (State 51)	2	30	58	86	114	142
										1.21		0.951	0.627	0.884	0.475	0.656	1.189
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		DSI 3	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
WCDMA B4	RMC12.2K	1752.6	1513	N/A	N/A	Bottom Side	5mm		Open	0.741	Auto-Tune (State 66)	3	31	59	87	115	143
										1.04		0.438	0.981	0.514	0.828	0.628	0.562
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing			Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
WCDMA B5	RMC12.2K	836.4	4182	N/A	N/A	Back	5mm		Open	0.744	Auto-Tune (State 109)	4	32	60	88	116	0
										0.849		0.418	0.761	0.618	0.399	0.133	0.076
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing			Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
CDMA BC0	EVDO 153.6bpsk	836.52	384	N/A	N/A	Back	5mm		Open	0.507	Auto-Tune (State 109)	5	33	61	89	117	1
										0.884		0.453	0.301	0.225	0.358	0.358	0.815
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing			Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
CDMA BC1	EVDO 153.6bpsk	1880	600	N/A	N/A	Back	5mm		Open	0.519	Auto-Tune (State 51)	6	34	62	90	118	2
										1.02		0.942	0.647	0.628	0.77	0.923	0.866
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing			Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
CDMA BC10	EVDO 153.6bpsk	820.5	580	N/A	N/A	Back	5mm		Open	0.504	Auto-Tune (State 64)	7	35	63	91	119	3
										0.697		0.169	0.235	0.492	0.359	0.092	0.302
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		DSI 3	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B7	QPSK	2535	21100	1	0	Bottom Side	5mm		Open	0.672	Auto-Tune (State 82)	8	36	64	92	120	4
										0.993		0.296	0.448	0.058	0.467	0.81	0.496
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		DSI 5	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B7_Ant 2	QPSK	2535	21100	1	0	Bottom Side	5mm		Open	0.635	Auto-Tune (State 20)	9	37	65	93	121	5
										1.18		1.121	0.607	0.368	0.883	1.045	0.883
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing			Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B12	QPSK	707.5	23095	1	0	Bottom Side	5mm		Close	0.428	Auto-Tune (State 141)	10	38	66	94	122	6
										0.957		0.412	0.441	0.669	0.241	0.66	0.812
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing			Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B12_Ant 2	QPSK	707.5	23095	1	0	Bottom Side	5mm		Close	0.199	Auto-Tune (State 67)	11	39	67	95	123	7
										0.424		0.289	0.27	0.424	0.041	0.032	0.241
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing			Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B13	QPSK	782	23230	1	0	Back	5mm		Close	0.432	Auto-Tune (State 137)	12	40	68	96	124	8
										0.647		0.55	0.312	0.464	0.302	0.178	0.14
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing			Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B13_Ant 2	QPSK	782	23230	1	0	Back	5mm		Close	0.366	Auto-Tune (State 67)	13	41	69	97	125	9
										0.504		0.178	0.483	0.283	0.035	0.207	0.321
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing			Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B14	QPSK	793	23330	1	0	Back	5mm		Close	0.565	Auto-Tune (State 80)	14	42	70	98	126	10
										0.685		0.569	0.34	0.407	0.283	0.569	0.654
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing			Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B14_Ant 2	QPSK	793	23330	1	0	Front	5mm		Close	0.618	Auto-Tune (State 67)	15	43	71	99	127	11
										0.756		0.383	0.335	0.525	0.668	0.306	0.64
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		DSI 5	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B25	QPSK	1860	26140	1	0	Back	5mm		Close	0.63	Auto-Tune (State 86)	16	44	72	100	128	12
										0.75		0.386	0.729	0.215	0.405	0.138	0.662
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing			Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B25_Ant 2	QPSK	1880	26340	1	0	Front	5mm		Open	0.526	Auto-Tune (State 87)	17	45	73	101	129	13
										0.64		0.333	0.286	0.048	0.448	0.419	0.114
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing			Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B26	QPSK	831.5	26865	1	0	Back	5mm		Open	0.67	Auto-Tune (State 113)	18	46	74	102	130	14
										1.01		0.408	0.141	0.97	0.989	0.684	0.284
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing			Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B26_Ant 2	QPSK	841.5	26965	1	0	Back	5mm		Close	0.326	Auto-Tune (State 63)	19	47	75	103	131	15
										0.453		0.184	0.365	0.137	0.318	0.403	0.118
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		DSI 5	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B30	QPSK	2310	27710	1	0	Back	5mm		Close	0.713	Auto-Tune (State 117)	20	48	76	104	132	16
										0.928		0.697	0.907	0.793	0.669	0.621	0.659
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing			Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B30_Ant 2	QPSK	2310	27710	1	0	Bottom Side	5mm		Close	0.618	Auto-Tune (State 103)	21	49	77	105	133	17
										0.831		0.324	0.219	0.8	0.4	0.619	0.067
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		DSI 3	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B41	QPSK	2593	40620	1	0	Bottom Side	5mm		Close	0.772	Auto-Tune (State 66)	22	50	78	106	134	18
										1.53		1.309	0.528	0.414	1.071	0.747	0.423
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		DSI 3	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B41_Ant 2	QPSK	2636.5	41055	50	0	Bottom Side	5mm		Open	0.608	Auto-Tune (State 20)	23	51	79	107	135	19
										1.43		0.857	1.218	0.352	0.523	1.276	0.333
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing		DSI 3	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B66	QPSK	1770	132572	1	0	Bottom Side	5mm		Close	0.645	Auto-Tune (State 128)	24	52	80	108	136	20
										1.14		0.481	0.881	0.976	0.624	1.1	0.5
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing			Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B66_Ant 2	QPSK	1720	132072	1	0	Bottom Side	5mm		Close	0.406	Auto-Tune (State 90)	25	53	81	109	137	21
										0.631		0.6	0.524	0.362	0.124	0.258	0.315
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing			Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B71	QPSK	683	133322	1	0	Back	5mm		Close	0.479	Auto-Tune (State 141)	26	54	82	110	138	22
										0.682		0.486	0.448	0.486	0.039	0.124	0.191
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing			Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
LTE B71_Ant 2	QPSK	683	133322	1	0	Bottom Side	5mm		Close	0.188	Auto-Tune (State 71)	27	55	83	111	139	23
										0.251		0.211	0.23	0.192	0.154	0.135	0.087

verified for SAR higher than 1.2W/Kg											Average Value of Time Sweep (W/kg)													
Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	DSI 5	Measured 1g SAR (W/kg)	Auto-Tune (State 51)	0	1	2	3	4	5	6	7	8	9	10	11	12	13
WCDMA B2	RMC12.2K	1852.4	9262	N/A	N/A	Bottom Side	5mm	Close	0.75	1.21	1.075	1.075	0.951	0.998	0.56	1.056	0.894	0.97	0.941	0.951	1.075	1.189	0.637	0.208
										14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
										0.503	0.56	1.141	1.151	0.265	0.198	0.16	0.094	0.894	1.132	0.694	0.151	0.541	0.465	0.598
										29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
										0.57	0.627	0.846	1.065	0.075	1.198	0.818	0.103	0.208	0.989	0.798	0.122	1.018	0.503	0.694
										43	44	45	46	47	48	49	50	51	52	53	54	55	56	57
										0.894	0.884	0.884	0.637	0.218	1.018	0.751	0.379	1.21	0.179	0.503	0.208	0.189	0.741	0.951
										58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
										0.884	0.503	0.779	0.379	0.827	1.122	0.456	0.237	0.198	0.837	0.427	0.722	1.056	0.913	0.97
										73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
										0.427	1.208	0.465	0.418	1.027	0.246	0.751	0.818	0.97	0.76	0.398	0.303	0.922	0.475	1.198
										88	89	90	91	92	93	94	95	96	97	98	99	100	101	102
										0.713	0.856	0.237	0.694	0.218	0.579	0.932	0.589	0.989	0.551	0.951	0.437	1.16	0.694	0.951
										103	104	105	106	107	108	109	110	111	112	113	114	115	116	117
										0.103	0.846	0.865	1.151	0.808	1.208	0.075	0.979	1.151	0.684	0.275	0.656	0.265	0.103	0.541
										118	119	120	121	122	123	124	125	126	127	128	129	130	131	132
										0.341	0.979	0.465	0.179	0.36	0.075	0.598	0.932	0.36	0.332	0.837	1.008	0.084	0.075	0.446
										133	134	135	136	137	138	139	140	141	142	143				
										0.875	1.046	0.741	1.027	0.056	0.57	0.732	0.694	1.008	1.189	0.475				
										Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	DSI 5	Measured 1g SAR (W/kg)	Auto-Tune (State 66)	0	1	2	3
LTE B41	QPSK	2593	40620	1	0	Bottom Side	5mm	Close	0.772	1.53	1.147	0.252	1.49	0.785	1.404	0.252	0.69	0.328	1.252	1.528	1.309	0.604	0.499	0.652
										14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
										0.252	0.69	0.223	0.528	0.423	1.29	0.69	0.452	1.309	1.099	1.347	0.071	0.728	0.28	0.757
										29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
										1.528	0.614	0.49	1.242	0.138	0.661	0.88	0.614	1.061	0.214	0.88	0.766	0.49	0.299	0.461
										43	44	45	46	47	48	49	50	51	52	53	54	55	56	57
										1.528	0.204	0.176	0.738	0.204	0.147	1.423	0.528	1.195	1.08	0.871	1.471	0.204	1.318	1.061
										58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
										1.309	0.528	1.347	0.385	0.88	0.633	0.09	0.976	1.53	0.676	0.614	0.928	1.404	0.299	0.999
										73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
										0.68	0.976	0.395	1.28	1.033	0.414	0.452	0.147	1.452	0.89	0.309	0.795	0.938	0.109	0.814
										88	89	90	91	92	93	94	95	96	97	98	99	100	101	102
										1.014	1.157	0.899	0.195	0.423	0.538	1.185	0.699	1.271	0.576	0.766	0.747	0.947	1.366	0.89
										103	104	105	106	107	108	109	110	111	112	113	114	115	116	117
										0.585	0.642	1.042	1.071	1.147	1.166	0.899	0.28	0.28	0.538	0.109	0.776	0.528	1.509	0.709
										118	119	120	121	122	123	124	125	126	127	128	129	130	131	132
										1.28	1.28	0.661	0.347	0.08	1.061	0.328	0.842	0.223	0.414	1.271	1.004	0.338	0.318	0.204
										133	134	135	136	137	138	139	140	141	142	143				
										0.452	0.747	0.166	0.376	0.509	0.138	0.318	0.804	1.299	0.204	0.252				
										Mode	Service/ Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	DSI 5	Measured 1g SAR (W/kg)	Auto-Tune (State 20)	0	1	2	3
LTE B41_Ant 2	QPSK	2636.5	41055	50	0	Bottom Side	5mm	OPEN	0.608	1.43	1.147	0.252	1.49	0.785	1.404	0.252	0.69	0.533	0.571	0.361	0.904	0.095	1.19	1.257
										14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
										0.542	0.618	0.695	1.133	0.961	0.333	1.43	0.199	0.352	0.857	0.523	1.41	0.857	1.057	0.504
										29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
										0.247	0.133	0.733	0.885	0.58	1.038	0.276	0.895	1.018	1.018	1.39	0.123	0.847	1.323	0.418
										43	44	45	46	47	48	49	50	51	52	53	54	55	56	57
										0.199	1.085	0.218	1.199	0.733	0.628	0.39	0.285	1.218	1.104	0.618	0.352	1.123	0.238	0.999
										58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
										0.676	0.809	1.238	0.542	0.552	1.19	1.066	0.685	1.285	1.228	0.838	0.771	1.238	1.161	0.066
										73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
										0.59	0.371	0.923	0.942	0.647	0.085	0.352	0.19	0.399	0.371	1.085	0.818	1.085	0.571	0.276
										88	89	90	91	92	93	94	95	96	97	98	99	100	101	102
										1.361	0.476	0.552	1.352	1.409	0.123	0.104	1.161	0.238	0.98	0.457	0.38	1.18	0.171	1.18
103	104	105	106	107	108	109	110	111	112	113	114	115	116	117										
1.047	0.971	0.704	0.666	0.523	1.247	1.095	0.647	0.799	0.447	1.38	0.238	1.314	1.352	0.723										
118	119	120	121	122	123	124	125	126	127	128	129	130	131	132										
0.114	0.38	1.218	0.609	0.904	0.923	1.057	1.304	0.818	1.38	0.752	0.095	0.199	1.18	0.695										
133	134	135	136	137	138	139	140	141	142	143														
0.247	1.295	1.276	1.333	0.876	0.085	0.066	0.104	0.847	0.657	0.114														