

Head SAR Test																											
System & Position										DUT & Accessory		Power				SAR				Auto-tune is turned on		Auto-tune turned off		Auto-tune turned off		Auto-tune is turned back on	
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Turn-Up Limit (dBm)	Tune-up Scaling Factor	Power Dm (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	
	LTE Band 26	15M	QPSK	1	0		Left Cheek	0mm	Ant 1	DS1.2	26865	831.5	20.89	21.90	1.262	-0.15	0.788	0.994	55	0.789	54	0.671	56	0.695	55	0.772	
	LTE Band 71	20M	QPSK	1	0		Left Cheek	0mm	Ant 1	DS1.2	133297	680.5	23.65	24.00	1.084	-0.13	0.730	0.791	136	0.914	135	0.813	137	0.845	136	0.940	
	FR1 n26	20M	BPSK	50	28	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DS1.2	166300	831.5	21.52	22.50	1.253	0.11	0.782	0.992	6	0.804	5	0.855	7	0.876	6	0.893	
	FR1 n71	35M	BPSK	90	45	DFT-SCS-15KHz	Left Cheek	0mm	Ant 1	DS1.2	136100	680.5	23.21	24.00	1.199	0.04	0.553	0.663	119	0.830	118	0.613	120	0.601	119	0.627	
Hotspot SAR Test																											
System & Position										DUT & Accessory		Power				SAR				Auto-tune is turned on		Auto-tune turned off		Auto-tune turned off		Auto-tune is turned back on	
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Turn-Up Limit (dBm)	Tune-up Scaling Factor	Power Dm (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	
	LTE Band 71	20M	QPSK	1	0		Left Side	5mm	Ant 1	DS1.7	133297	680.5	21.77	22.80	1.268	-0.05	0.330	0.418	136	0.482	135	0.435	137	0.457	136	0.455	
	LTE Band 26	15M	QPSK	1	0		Left Side	5mm	Ant 1	DS1.7	26865	831.5	19.83	19.90	1.075	-0.02	0.279	0.357	55	0.602	54	0.704	55	0.756	55	0.780	
	FR1 n26	20M	BPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DS1.7	166300	831.5	18.55	19.80	1.334	-0.02	0.308	0.411	55	0.804	54	0.734	56	0.753	55	0.758	
	FR1 n71	35M	BPSK	90	45	DFT-SCS-15KHz	Left Side	5mm	Ant 1	DS1.7	136100	680.5	21.77	22.90	1.267	0.12	0.274	0.355	136	0.768	135	0.647	137	0.747	136	0.768	
Body worn SAR Test																											
System & Position										DUT & Accessory		Power				SAR				Auto-tune is turned on		Auto-tune turned off		Auto-tune turned off		Auto-tune is turned back on	
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Turn-Up Limit (dBm)	Tune-up Scaling Factor	Power Dm (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	
	LTE Band 71	20M	QPSK	1	0		Front	5mm	Ant 1	EC1.3	133297	680.5	20.89	22.10	1.321	-0.05	0.437	0.577	136	0.975	135	0.964	137	0.932	136	0.976	
	LTE Band 26	15M	QPSK	1	0		Front	5mm	Ant 1	EC1.3	26865	831.5	23.65	24.00	1.084	-0.02	0.433	0.469	55	0.871	54	0.853	56	0.833	55	0.853	
	FR1 n26	20M	BPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 1	EC1.3	166300	831.5	21.51	22.50	1.256	-0.02	0.571	0.717	55	0.818	54	0.808	56	0.765	55	0.813	
	FR1 n71	35M	BPSK	90	45	DFT-SCS-15KHz	Front	5mm	Ant 1	EC1.3	136100	680.5	21.77	22.90	1.267	0.12	0.355	0.460	136	0.765	135	0.731	137	0.744	136	0.749	
Extremity SAR Test																											
System & Position										DUT & Accessory		Power				SAR				Auto-tune is turned on		Auto-tune turned off		Auto-tune turned off		Auto-tune is turned back on	
Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Turn-Up Limit (dBm)	Tune-up Scaling Factor	Power Dm (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	
	LTE Band 71	20M	QPSK	1	0		Left Side	0mm	Ant 1	EC1.6	133297	680.5	23.10	24.00	1.230	-0.05	2.140	2.633	136	5.010	135	4.660	137	4.370	136	4.550	
	LTE Band 26	15M	QPSK	1	0		Front	0mm	Ant 1	EC1.6	26865	831.5	23.65	24.00	1.084	-0.02	1.550	1.680	55	5.120	54	4.090	55	4.700	55	4.800	
	FR1 n26	20M	BPSK	50	28	DFT-SCS-15KHz	Front	0mm	Ant 1	EC1.6	166300	831.5	23.01	24.00	1.256	-0.02	1.360	1.708	55	2.980	54	2.680	56	2.530	55	2.930	

Ant 1																													
Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 10g SAR (W/kg)	Auto-Tune state 136	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 71	QPSK	133297	680.5	1	0	Left Side	0mm	2.14	5.01	0.191	0.319	0.488	0.671	0.923	1.17	1.4	1.6	1.94	2.21	2.51	2.72	2.85	3.15	3.26	3.69	4.09	3.19	0.421	0.703
										20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
										1.05	1.48	1.99	2.45	3.05	3.27	3.72	4.06	4.6	4.79	5.03	5.19	5.42	4.21	0.134	0.212	0.313	0.448	0.578	0.733
										40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
										0.885	1.04	1.24	1.39	1.75	1.91	2.16	2.21	2.32	2.41	2.55	2.62	0.108	0.202	0.342	0.551	0.859	1.27	1.71	2.23
										60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
										2.93	3.69	4.23	4.62	4.82	4.55	4.65	4.29	0.19	4.19	4.17	2.6	1.09	0.071	0.125	0.225	0.357	0.537	0.823	1.14
										80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
										1.62	2.09	2.76	3.4	4.02	4.54	4.86	4.56	4.21	4.02	4.24	0.82	0.224	0.375	0.569	0.796	1.04	1.33	1.58	1.9
										100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
										2.13	2.45	2.61	2.99	3.19	3.47	3.99	3.12	0.257	0.477	0.788	1.31	1.93	2.75	3.68	4.41	4.93	5.33	5.56	5.2
										120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139
										5.07	4.94	4.77	3.82	1.3	0.17	0.321	0.544	0.868	1.34	2.01	2.63	3.31	3.87	4.39	4.66	5.01	4.37	4.29	3.2
										140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159
										0.069	0.12	0.215	0.336	0.508	0.727	1.02	1.41	1.95	2.28	2.8	3.34	4.06	4.14	0.903	0.913	0.076	0.128	0.18	0.747
										160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179
										0.434	0.673	0.821	1.14	1.59	0.61	3.09	3.99	0.746	0.001	0.051	0.079	0.13	0.191	0.292	0.452	0.591	0.842	1.24	1.63
										180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199
										2.24	3.82	0.426	0.133	0.236	0.399	0.652	1.03	1.4	2.05	2.52	3.23	3.88	4.41	4.71	5.06	5.17	3.81	1.16	0.077
										200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219
										0.146	0.246	0.396	0.604	0.889	1.37	1.73	2.4	2.91	3.54	4.06	4.45	4.49	3.82	0.867	0.068	0.135	0.218	0.348	0.531
										220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239
										0.796	1.18	1.51	2.01	2.53	2.91	3.01	2.78	0.501	0.001	0.001	0.001	0.068	0.113	0.167	0.233	0.323	0.422	0.612	0.845
										240	241	242	243	244	245	246	247	248	249	250	251	252	253	254					
										1.52	2.49	0.001	0.001	0.052	0.094	0.147	0.224	0.329	0.507	1.33	2.3	2.83	3.51	0.438					

Mode	Service/Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 10g SAR (W/kg)	Auto-Tune state 55	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 28	QPSK	26865	831.5	1	0	Front	0mm	1.55	5.12	0.719	1.31	2.25	3.11	3.89	4.21	4.33	4.59	4.27	4.24	3.97	3.71	3.55	3.6	3.42	2.92	2.48	1.65	2.61	2.73
										20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
										2.69	2.66	2.53	2.5	2.47	2.45	2.39	2.39	2.34	2.33	2.29	2.27	1.98	0.311	0.614	0.959	1.43	1.91	2.34	2.74
										40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
										3.01	3.13	3.22	3.25	3.19	3.07	3.05	2.92	2.91	2.83	2.73	0.546	1.17	2.46	4.09	5.12	4.7	4.14	3.47	2.94
										60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
										2.95	2.34	2.04	1.61	1.55	1.54	1.5	1.45	1.33	1.1	0.656	0.375	0.884	1.86	3.53	4.5	4.53	3.6	3.29	2.66
										80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
										2.18	1.92	1.74	1.6	1.42	1.27	1.22	1.08	1.02	0.524	2.41	3.72	4.48	4.51	4.56	4.4	4.06	3.79	3.58	3.48
										100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
										3.35	3.14	3.14	2.87	2.63	1.83	1.52	1.58	1.45	1.39	1.3	0.31	1.22	1.21	1.23	1.17	1.23	1.14	1.1	1.08
										120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139
										1.14	1.07	0.948	1.14	1.21	1.14	1.12	0.986	0.935	0.925	0.911	0.912	0.906	0.886	0.799	0.831	0.84	0.804	0.737	0.702
										140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159
										0.21	0.458	0.885	1.7	2.8	3.64	3.96	3.91	3.44	3.11	2.7	2.41	2.14	1.78	0.572	0.158	0.327	0.629	1.19	2.12
										160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179
										3.28	3.91	3.82	3.53	3.05	2.22	2.08	1.59	0.435	0.162	0.384	0.91	2.03	3.29	3.54	2.84	2.27	1.81	1.41	1.2
										180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199
										0.991	0.257	1.87	3.14	3.44	3.22	2.79	2.38	2.12	2.01	1.86	1.74	1.64	1.48	1.38	1.41	1.18	0.794	1.42	2.44
										200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219
										2.79	2.69	2.23	1.97	1.76	1.53	1.39	1.3	1.21	1.13	1.08	1.05	0.925	0.598	0.6	0.594	0.528	0.519	0.487	0.442
										220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239
										0.44	0.438	0.461	0.438	0.436	0.415	0.385	0.33	0.065	0.135	0.27	0.555	1.11	2.04	3.31	3.62	3.26	2.76	2.04	1.38
										240	241	242	243	244	245	246	247	248	249	250	251	252	253	254					
										1.09	0.674	1.28	1.66	1.48	1.28	1.05	0.921	0.83	0.761	0.703	0.637	0.572	0.517	0.315					