

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR250400159710

Page: 178 of 187

	Left side	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
	Right side	0.350	0.333	0.559	0.380	0.438	0.526	0.295	0.337	0.444	0.502	0.590	0.486	0.544	0.632
	Top side	0.448	0.348	0.429	0.448	0.422	0.527	0.364	0.383	0.472	0.446	0.551	0.491	0.465	0.570
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
LTE Band14	Front side	0.696	0.538	0.703	0.631	0.614	0.692	0.607	0.577	0.715	0.698	0.776	0.685	0.668	0.746
	Back side	0.820	0.858	1.264	0.799	0.969	1.086	0.716	0.880	0.832	1.002	1.119	0.996	1.166	1.283
	Left side	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.095
	Right side	0.375	0.358	0.584	0.405	0.463	0.551	0.320	0.362	0.469	0.527	0.615	0.511	0.569	0.657
	Top side	0.453	0.353	0.434	0.453	0.427	0.532	0.369	0.388	0.477	0.451	0.556	0.496	0.470	0.575
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
LTE Band25	Front side	0.722	0.564	0.729	0.657	0.640	0.718	0.633	0.603	0.741	0.724	0.802	0.711	0.694	0.772
	Back side	0.747	0.785	1.191	0.726	0.896	1.013	0.643	0.807	0.759	0.929	1.046	0.923	1.093	1.210
	Left side	0.673	0.673	0.673	0.673	0.673	0.673	0.673	0.673	0.673	0.673	0.673	0.673	0.673	0.673
	Right side	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106	0.213	0.271	0.359	0.255	0.313	0.401
	Top side	0.553	0.453	0.534	0.553	0.527	0.632	0.469	0.488	0.577	0.551	0.656	0.596	0.570	0.675
	Bottom side	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206
LTE Band26	Front side	1.082	0.924	1.089	1.017	1.000	1.078	0.993	0.963	1.101	1.084	1.162	1.071	1.054	1.132
	Back side	0.757	0.795	1.201	0.736	0.906	1.023	0.653	0.817	0.769	0.939	1.056	0.933	1.103	1.220
	Left side	0.119	0.119	0.119	0.119	0.119	0.119	0.119	0.119	0.119	0.119	0.119	0.119	0.119	0.119
	Right side	0.390	0.373	0.599	0.420	0.478	0.566	0.335	0.377	0.484	0.542	0.630	0.526	0.584	0.672
	Top side	0.535	0.435	0.516	0.535	0.509	0.614	0.451	0.470	0.559	0.533	0.638	0.578	0.552	0.657
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
LTE Band30	Front side	1.017	0.859	1.024	0.952	0.935	1.013	0.928	0.898	1.036	1.019	1.097	1.006	0.989	1.067
	Back side	1.061	1.099	1.505	1.040	1.210	1.327	0.957	1.121	1.073	1.243	1.360	1.237	1.407	1.524
	Left side	0.602	0.602	0.602	0.602	0.602	0.602	0.602	0.602	0.602	0.602	0.602	0.602	0.602	0.602
	Right side	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106	0.213	0.271	0.359	0.255	0.313	0.401
	Top side	0.673	0.573	0.654	0.673	0.647	0.752	0.589	0.608	0.697	0.671	0.776	0.716	0.690	0.795
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
LTE Band41	Front side	0.980	0.822	0.987	0.915	0.898	0.976	0.891	0.861	0.999	0.982	1.060	0.969	0.952	1.030
	Back side	0.775	0.813	1.219	0.754	0.924	1.041	0.671	0.835	0.787	0.957	1.074	0.951	1.121	1.238
	Left side	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.865	0.865
	Right side	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106	0.213	0.271	0.359	0.255	0.313	0.401
	Top side	0.317	0.217	0.298	0.317	0.291	0.396	0.233	0.252	0.341	0.315	0.420	0.360	0.334	0.439
	Bottom side	0.184	0.184	0.184	0.184	0.184	0.184	0.184	0.184	0.184	0.184	0.184	0.184	0.184	0.184
LTE Band42	Front side	0.495	0.337	0.502	0.430	0.413	0.491	0.406	0.376	0.514	0.497	0.575	0.484	0.467	0.545
	Back side	0.998	1.036	1.442	0.977	1.147	1.264	0.894	1.058	1.010	1.180	1.297	1.174	1.344	1.461
	Left side	0.448	0.448	0.448	0.448	0.448	0.448	0.448	0.448	0.448	0.448	0.448	0.448	0.448	0.448
	Right side	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106	0.213	0.271	0.359	0.255	0.313	0.401
	Top side	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043	0.132	0.106	0.211	0.151	0.125	0.230
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
LTE Band43	Front side	0.652	0.494	0.659	0.587	0.570	0.648	0.563	0.533	0.671	0.654	0.732	0.641	0.624	0.702
	Back side	1.101	1.139	1.545	1.080	1.250	1.367	0.997	1.161	1.113	1.283	1.400	1.277	1.447	1.564
	Left side	0.604	0.604	0.604	0.604	0.604	0.604	0.604	0.604	0.604	0.604	0.604	0.604	0.604	0.604
	Right side	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106	0.213	0.271	0.359	0.255	0.313	0.401
	Top side	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043	0.132	0.106	0.211	0.151	0.125	0.230
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
LTE Band48	Front side	0.896	0.738	0.903	0.831	0.814	0.892	0.807	0.777	0.915	0.898	0.976	0.885	0.868	0.946
	Back side	1.110	1.148	1.554	1.089	1.259	1.376	1.006	1.170	1.122	1.292	1.409	1.286	1.456	1.573
	Left side	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787	0.787
	Right side	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106	0.213	0.271	0.359	0.255	0.313	0.401
	Top side	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043	0.132	0.106	0.211	0.151	0.125	0.230



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Shenzhen Branch (Shenzhen) Laboratory

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SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR250400159710

Page: 179 of 187

	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
LTE Band66	Front side	0.927	0.769	0.934	0.862	0.845	0.923	0.838	0.808	0.946	0.929	1.007	0.916	0.899	0.977
	Back side	1.000	1.038	1.444	0.979	1.149	1.266	0.896	1.060	1.012	1.182	1.299	1.176	1.346	1.463
	Left side	0.902	0.902	0.902	0.902	0.902	0.902	0.902	0.902	0.902	0.902	0.902	0.902	0.902	0.902
	Right side	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106	0.213	0.271	0.359	0.255	0.313	0.401
	Top side	0.932	0.832	0.913	0.932	0.906	1.011	0.848	0.867	0.956	0.930	1.035	0.975	0.949	1.054
	Bottom side	0.232	0.232	0.232	0.232	0.232	0.232	0.232	0.232	0.232	0.232	0.232	0.232	0.232	0.232
LTE Band71	Front side	0.637	0.479	0.644	0.572	0.555	0.633	0.548	0.518	0.656	0.639	0.717	0.626	0.609	0.687
	Back side	0.557	0.595	1.001	0.536	0.706	0.823	0.453	0.617	0.569	0.739	0.856	0.733	0.903	1.020
	Left side	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160
	Right side	0.416	0.399	0.625	0.446	0.504	0.592	0.361	0.403	0.510	0.568	0.656	0.552	0.610	0.698
	Top side	0.398	0.298	0.379	0.398	0.372	0.477	0.314	0.333	0.422	0.396	0.501	0.441	0.415	0.520
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
NR N7	Front side	0.961	0.803	0.968	0.896	0.879	0.957	0.872	0.842	0.980	0.963	1.041	0.950	0.933	1.011
	Back side	1.044	1.082	1.488	1.023	1.193	1.310	0.940	1.104	1.056	1.226	1.343	1.220	1.390	1.507
	Left side	1.133	1.133	1.133	1.133	1.133	1.133	1.133	1.133	1.133	1.133	1.133	1.133	1.133	1.133
	Right side	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106	0.213	0.271	0.359	0.255	0.313	0.401
	Top side	0.524	0.424	0.505	0.524	0.498	0.603	0.440	0.459	0.548	0.522	0.627	0.567	0.541	0.646
	Bottom side	0.445	0.445	0.445	0.445	0.445	0.445	0.445	0.445	0.445	0.445	0.445	0.445	0.445	0.445
NR N14	Front side	0.882	0.724	0.889	0.817	0.800	0.878	0.793	0.763	0.901	0.884	0.962	0.871	0.854	0.932
	Back side	0.713	0.751	1.157	0.692	0.862	0.979	0.609	0.773	0.725	0.895	1.012	0.889	1.059	1.176
	Left side	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128
	Right side	0.436	0.419	0.645	0.466	0.524	0.612	0.381	0.423	0.530	0.588	0.676	0.572	0.630	0.718
	Top side	0.523	0.423	0.504	0.523	0.497	0.602	0.439	0.458	0.547	0.521	0.626	0.566	0.540	0.645
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
NR N25	Front side	0.969	0.811	0.976	0.904	0.887	0.965	0.880	0.850	0.988	0.971	1.049	0.958	0.941	1.019
	Back side	0.960	0.998	1.404	0.939	1.109	1.226	0.856	1.020	0.972	1.142	1.259	1.136	1.306	1.423
	Left side	0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.670
	Right side	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106	0.213	0.271	0.359	0.255	0.313	0.401
	Top side	0.831	0.731	0.812	0.831	0.805	0.910	0.747	0.766	0.855	0.829	0.934	0.874	0.848	0.953
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
NR N26	Front side	0.922	0.764	0.929	0.857	0.840	0.918	0.833	0.803	0.941	0.924	1.002	0.911	0.894	0.972
	Back side	0.671	0.709	1.115	0.650	0.820	0.937	0.567	0.731	0.683	0.853	0.970	0.847	1.017	1.134
	Left side	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128
	Right side	0.371	0.354	0.580	0.401	0.459	0.547	0.316	0.358	0.465	0.523	0.611	0.507	0.565	0.653
	Top side	0.527	0.427	0.508	0.527	0.501	0.606	0.443	0.462	0.551	0.525	0.630	0.570	0.544	0.649
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
NR N30	Front side	1.066	0.908	1.073	1.001	0.984	1.062	0.977	0.947	1.085	1.068	1.146	1.055	1.038	1.116
	Back side	0.893	0.931	1.337	0.872	1.042	1.159	0.789	0.953	0.905	1.075	1.192	1.069	1.239	1.356
	Left side	0.583	0.583	0.583	0.583	0.583	0.583	0.583	0.583	0.583	0.583	0.583	0.583	0.583	0.583
	Right side	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106	0.213	0.271	0.359	0.255	0.313	0.401
	Top side	0.551	0.451	0.532	0.551	0.525	0.630	0.467	0.486	0.575	0.549	0.654	0.594	0.568	0.673
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
NR N41	Front side	0.747	0.589	0.754	0.682	0.665	0.743	0.658	0.628	0.766	0.749	0.827	0.736	0.719	0.797
	Back side	0.904	0.942	1.348	0.883	1.053	1.170	0.800	0.964	0.916	1.086	1.203	1.080	1.250	1.367
	Left side	1.119	1.119	1.119	1.119	1.119	1.119	1.119	1.119	1.119	1.119	1.119	1.119	1.119	1.119
	Right side	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106	0.213	0.271	0.359	0.255	0.313	0.401
	Top side	0.291	0.191	0.272	0.291	0.265	0.370	0.207	0.226	0.315	0.289	0.394	0.334	0.308	0.413
	Bottom side	0.213	0.213	0.213	0.213	0.213	0.213	0.213	0.213	0.213	0.213	0.213	0.213	0.213	0.213
NR N48	Front side	0.544	0.386	0.551	0.479	0.462	0.540	0.455	0.425	0.563	0.546	0.624	0.533	0.516	0.594
	Back side	0.707	0.745	1.151	0.686	0.856	0.973	0.603	0.767	0.719	0.889	1.006	0.883	1.053	1.170



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SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR250400159710

Page: 180 of 187

	Left side	0.582	0.582	0.582	0.582	0.582	0.582	0.582	0.582	0.582	0.582	0.582	0.582	0.582	0.582
	Right side	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106	0.213	0.271	0.359	0.255	0.313	0.401
	Top side	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043	0.132	0.106	0.211	0.151	0.125	0.230
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
NR N66	Front side	0.655	0.497	0.662	0.590	0.573	0.651	0.566	0.536	0.674	0.657	0.735	0.644	0.627	0.705
	Back side	0.998	1.036	1.442	0.977	1.147	1.264	0.894	1.058	1.010	1.180	1.297	1.174	1.344	1.461
	Left side	0.472	0.472	0.472	0.472	0.472	0.472	0.472	0.472	0.472	0.472	0.472	0.472	0.472	0.472
	Right side	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106	0.213	0.271	0.359	0.255	0.313	0.401
	Top side	0.596	0.496	0.577	0.596	0.570	0.675	0.512	0.531	0.620	0.594	0.699	0.639	0.613	0.718
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
NR N70	Front side	0.868	0.710	0.875	0.803	0.786	0.864	0.779	0.749	0.887	0.870	0.948	0.857	0.840	0.918
	Back side	0.985	1.023	1.429	0.964	1.134	1.251	0.881	1.045	0.997	1.167	1.284	1.161	1.331	1.448
	Left side	0.707	0.707	0.707	0.707	0.707	0.707	0.707	0.707	0.707	0.707	0.707	0.707	0.707	0.707
	Right side	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106	0.213	0.271	0.359	0.255	0.313	0.401
	Top side	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043	0.132	0.106	0.211	0.151	0.125	0.230
	Bottom side	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303	0.303
NR N71	Front side	0.626	0.468	0.633	0.561	0.544	0.622	0.537	0.507	0.645	0.628	0.706	0.615	0.598	0.676
	Back side	0.526	0.564	0.970	0.505	0.675	0.792	0.422	0.586	0.538	0.708	0.825	0.702	0.872	0.989
	Left side	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166
	Right side	0.367	0.350	0.576	0.397	0.455	0.543	0.312	0.354	0.461	0.519	0.607	0.503	0.561	0.649
	Top side	0.397	0.297	0.378	0.397	0.371	0.476	0.313	0.332	0.421	0.395	0.500	0.440	0.414	0.519
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
NR N77 (3450-3550)	Front side	0.714	0.556	0.721	0.649	0.632	0.710	0.625	0.595	0.733	0.716	0.794	0.703	0.686	0.764
	Back side	0.742	0.780	1.186	0.721	0.891	1.008	0.638	0.802	0.754	0.924	1.041	0.918	1.088	1.205
	Left side	0.439	0.439	0.439	0.439	0.439	0.439	0.439	0.439	0.439	0.439	0.439	0.439	0.439	0.439
	Right side	1.239	1.222	1.448	1.269	1.327	1.415	1.184	1.226	1.333	1.391	1.479	1.375	1.433	1.521
	Top side	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043	0.132	0.106	0.211	0.151	0.125	0.230
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
NR N77 (3700-3980)	Front side	0.703	0.545	0.710	0.638	0.621	0.699	0.614	0.584	0.722	0.705	0.783	0.692	0.675	0.753
	Back side	0.928	0.966	1.372	0.907	1.077	1.194	0.824	0.988	0.940	1.110	1.227	1.104	1.274	1.391
	Left side	0.696	0.696	0.696	0.696	0.696	0.696	0.696	0.696	0.696	0.696	0.696	0.696	0.696	0.696
	Right side	1.101	1.084	1.310	1.131	1.189	1.277	1.046	1.088	1.195	1.253	1.341	1.237	1.295	1.383
	Top side	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043	0.132	0.106	0.211	0.151	0.125	0.230
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR250400159710

Page: 181 of 187

0mm:

Band/Test position		SARmax (W/kg)				
		WWAN Max SAR	WiFi 5G&WIFI 6E Ant9	WiFi 5G&WIFI 6E Ant10	WiFi 5G&WIFI 6E MIMO	NFC
		1	2	3	4	5
LTE Band7	Front side	/	0.221	0.065	0.342	/
	Back side	/	0.155	0.401	0.528	0.009
	Left side	3.161	/	/	/	/
	Right side	/	0.294	0.218	0.572	/
	Top side	/	0.191	0.455	0.197	/
	Bottom side	/	/	/	/	/
LTE Band41	Front side	/	0.221	0.065	0.342	/
	Back side	/	0.155	0.401	0.528	0.009
	Left side	2.576	/	/	/	/
	Right side	/	0.294	0.218	0.572	/
	Top side	/	0.191	0.455	0.197	/
	Bottom side	/	/	/	/	/
NR N7	Front side	2.296	0.221	0.065	0.342	/
	Back side	1.325	0.155	0.401	0.528	0.009
	Left side	3.017	/	/	/	/
	Right side	/	0.294	0.218	0.572	/
	Top side	/	0.191	0.455	0.197	/
	Bottom side	/	/	/	/	/
NR N41	Front side	/	0.221	0.065	0.342	/
	Back side	/	0.155	0.401	0.528	0.009
	Left side	3.170	/	/	/	/
	Right side	/	0.294	0.218	0.572	/
	Top side	/	0.191	0.455	0.197	/
	Bottom side	/	/	/	/	/



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SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR250400159710

Page: 182 of 187

Band/Test position		Summed SAR									
		1+2	1+3	1+4	1+5	2+5	3+5	4+5	1+2+5	1+3+5	1+4+5
LTE Band7	Front side	0.221	0.065	0.342	/	0.221	0.065	0.342	0.221	0.065	0.342
	Back side	0.155	0.401	0.528	0.009	0.164	0.410	0.537	0.164	0.410	0.537
	Left side	3.161	3.161	3.161	3.161	/	/	/	3.161	3.161	3.161
	Right side	0.294	0.218	0.572	/	0.294	0.218	0.572	0.294	0.218	0.572
	Top side	0.191	0.455	0.197	/	0.191	0.455	0.197	0.191	0.455	0.197
	Bottom side	/	/	/	/	/	/	/	/	/	/
LTE Band41	Front side	0.221	0.065	0.342	/	0.221	0.065	0.342	0.221	0.065	0.342
	Back side	0.155	0.401	0.528	0.009	0.164	0.410	0.537	0.164	0.410	0.537
	Left side	2.576	2.576	2.576	2.576	/	/	/	2.576	2.576	2.576
	Right side	0.294	0.218	0.572	/	0.294	0.218	0.572	0.294	0.218	0.572
	Top side	0.191	0.455	0.197	/	0.191	0.455	0.197	0.191	0.455	0.197
	Bottom side	/	/	/	/	/	/	/	/	/	/
NR N7	Front side	2.517	2.361	2.638	2.296	0.221	0.065	0.342	2.517	2.361	2.638
	Back side	1.480	1.726	1.853	1.334	0.164	0.410	0.537	1.489	1.735	1.862
	Left side	3.017	3.017	3.017	3.017	/	/	/	3.017	3.017	3.017
	Right side	0.294	0.218	0.572	/	0.294	0.218	0.572	0.294	0.218	0.572
	Top side	0.191	0.455	0.197	/	0.191	0.455	0.197	0.191	0.455	0.197
	Bottom side	/	/	/	/	/	/	/	/	/	/
NR N41	Front side	0.221	0.065	0.342	/	0.221	0.065	0.342	0.221	0.065	0.342
	Back side	0.155	0.401	0.528	0.009	0.164	0.410	0.537	0.164	0.410	0.537
	Left side	3.170	3.170	3.170	3.170	/	/	/	3.170	3.170	3.170
	Right side	0.294	0.218	0.572	/	0.294	0.218	0.572	0.294	0.218	0.572
	Top side	0.191	0.455	0.197	/	0.191	0.455	0.197	0.191	0.455	0.197
	Bottom side	/	/	/	/	/	/	/	/	/	/

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SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR250400159710

Page: 183 of 187

Band/Test position		SARmax (W/kg)				
		WWAN Max SAR	WiFi 5G&WIFI 6E Ant9	WiFi 5G&WIFI 6E Ant10	WiFi 5G&WIFI 6E MIMO	NFC
		1	2	3	4	5
LTE Band7	Front side	/	0.221	0.065	0.342	/
	Back side	/	0.155	0.401	0.528	0.009
	Left side	3.161	/	/	/	/
	Right side	/	0.294	0.218	0.739	/
	Top side	/	0.191	0.455	0.197	/
	Bottom side	/	/	/	/	/
LTE Band41	Front side	/	0.221	0.065	0.342	0.000
	Back side	/	0.155	0.401	0.528	0.009
	Left side	2.576	/	/	/	/
	Right side	/	0.294	0.218	0.739	/
	Top side	/	0.191	0.455	0.197	/
	Bottom side	/	/	/	/	/
NR N7	Front side	2.296	0.221	0.065	0.342	/
	Back side	1.325	0.155	0.401	0.528	0.009
	Left side	3.017	/	/	/	/
	Right side	/	0.294	0.218	0.739	/
	Top side	/	0.191	0.455	0.197	/
	Bottom side	/	/	/	/	/
NR N41	Front side	/	0.221	0.065	0.342	/
	Back side	/	0.155	0.401	0.528	0.009
	Left side	3.170	/	/	/	/
	Right side	/	0.294	0.218	0.739	/
	Top side	/	0.191	0.455	0.197	/
	Bottom side	/	/	/	/	/



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SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR250400159710

Page: 184 of 187

Band/Test position		Summed SAR									
		1+2	1+3	1+4	1+5	2+5	3+5	4+5	1+2+5	1+3+5	1+4+5
LTE Band7	Front side	0.221	0.065	0.342	0.000	0.221	0.065	0.342	0.221	0.065	0.342
	Back side	0.155	0.401	0.528	0.009	0.164	0.410	0.537	0.164	0.410	0.537
	Left side	3.161	3.161	3.161	3.161	/	/	/	3.161	3.161	3.161
	Right side	0.294	0.218	0.739	/	0.294	0.218	0.739	0.294	0.218	0.739
	Top side	0.191	0.455	0.197	/	0.191	0.455	0.197	0.191	0.455	0.197
	Bottom side	/	/	/	/	/	/	/	/	/	/
LTE Band41	Front side	0.221	0.065	0.342	/	0.221	0.065	0.342	0.221	0.065	0.342
	Back side	0.155	0.401	0.528	0.009	0.164	0.410	0.537	0.164	0.410	0.537
	Left side	2.576	2.576	2.576	2.576	/	/	/	2.576	2.576	2.576
	Right side	0.294	0.218	0.739	/	0.294	0.218	0.739	0.294	0.218	0.739
	Top side	0.191	0.455	0.197	/	0.191	0.455	0.197	0.191	0.455	0.197
	Bottom side	/	/	/	/	/	/	/	/	/	/
NR N7	Front side	2.517	2.361	2.638	2.296	0.221	0.065	0.342	2.517	2.361	2.638
	Back side	1.480	1.726	1.853	1.334	0.164	0.410	0.537	1.489	1.735	1.862
	Left side	3.017	3.017	3.017	3.017	/	/	/	3.017	3.017	3.017
	Right side	0.294	0.218	0.739	/	0.294	0.218	0.739	0.294	0.218	0.739
	Top side	0.191	0.455	0.197	/	0.191	0.455	0.197	0.191	0.455	0.197
	Bottom side	/	/	/	/	/	/	/	/	/	/
NR N41	Front side	0.221	0.065	0.342	/	0.221	0.065	0.342	0.221	0.065	0.342
	Back side	0.155	0.401	0.528	0.009	0.164	0.410	0.537	0.164	0.410	0.537
	Left side	3.170	3.170	3.170	3.170	/	/	/	3.170	3.170	3.170
	Right side	0.294	0.218	0.739	/	0.294	0.218	0.739	0.294	0.218	0.739
	Top side	0.191	0.455	0.197	/	0.191	0.455	0.197	0.191	0.455	0.197
	Bottom side	/	/	/	/	/	/	/	/	/	/

(for new report SZCR250400159712)



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10 Equipment list

Test Platform		SPEAG DASY Professional				
Description		SAR Test System (Frequency range 300MHz-6GHz)				
Software Reference		cDASY6 V16.4.0.5005; cDASY8 V16.4.0.5005; DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483).				
Hardware Reference						
Equipment		Manufacturer	Model	Inventory No.	Calibration Date	Due date of calibration
☒	Test Phantom	SPEAG	SAM Twin	SZ-WSR-A-020	NCR	NCR
☒	Test Phantom	SPEAG	SAM Twin	SZ-WSR-A-023	NCR	NCR
☒	Test Phantom	SPEAG	SAM Twin	SZ-WSR-A-026	NCR	NCR
☒	Test Phantom	SPEAG	SAM Twin	SZ-WSR-A-027	NCR	NCR
☒	Test Phantom	SPEAG	mmWave Phantom	SZ-WSR-A-029	NCR	NCR
☒	DAE	SPEAG	DAE4	SZ-WSR-M-081	2024/8/15	2025/8/14
☒	DAE	SPEAG	DAE4	SZ-WSR-M-031	2024/3/18	2025/3/17
☒	DAE	SPEAG	DAE4ip	SZ-WSR-M-074	2024/8/8	2025/8/7
☒	DAE	SPEAG	DAE4ip	SZ-WSR-M-078	2024/10/18	2025/10/17
☒	E-Field Probe	SPEAG	EX3DV4	SZ-WSR-M-082	2024/9/19	2025/9/18
☒	E-Field Probe	SPEAG	EX3DV4	SZ-WSR-M-027	2024/7/17	2025/7/16
☒	E-Field Probe	SPEAG	EX3DV4	SZ-WSR-M-075	2024/8/29	2025/8/28
☒	E-Field Probe	SPEAG	EX3DV4	SZ-WSR-M-079	2024/11/20	2025/11/19
☒	E-U Probe	SPEAG	EUmmWV4	SZ-WSR-M-048	2024/8/23	2025/8/22
☒	Validation Kits	SPEAG	D750V3	SZ-WSR-M-032	2022/06/06	2025/06/05
☒	Validation Kits	SPEAG	D835V2	SZ-WSR-M-033	2022/11/02	2025/11/01
☒	Validation Kits	SPEAG	D1750V2	SZ-WSR-M-035	2022/06/17	2025/06/16
☒	Validation Kits	SPEAG	D1950V2	SZ-WSR-M-037	2022/10/31	2025/10/30
☒	Validation Kits	SPEAG	D2300V2	SZ-WSR-M-038	2022/06/16	2025/06/15
☒	Validation Kits	SPEAG	D2450V2	SZ-WSR-M-039	2022/11/02	2025/11/01
☒	Validation Kits	SPEAG	D2600V2	SZ-WSR-M-040	2022/06/14	2025/06/13
☒	Validation Kits	SPEAG	D3500V2	SZ-WSR-M-041	2022/09/19	2025/09/18
☒	Validation Kits	SPEAG	D3700V2	SZ-WSR-M-042	2022/09/15	2025/09/14
☒	Validation Kits	SPEAG	D3900V2	SZ-WSR-M-043	2022/09/16	2025/09/15
☒	Validation Kits	SPEAG	D5GHzV2	SZ-WSR-M-046	2022/11/01	2025/10/31
☒	Validation Kits	SPEAG	D6.5GHzV2	SZ-WSR-M-080	2023/11/11	2026/11/10
☒	Validation Kits	SPEAG	Soure 10 GHz	SZ-WSR-M-049	2023/08/21	2026/08/20
☒	Dielectric parameter probes	SPEAG	DAKS-12	SZ-WSR-M-090	2024/8/20	2025/8/19
☒	Vector Network Analyzer and Vector Reflectometer	SPEAG	DAKS_VNA R60	SZ-WSR-M-091	2024/8/20	2025/8/19
☒	Radio Communication Analyzer	Anritsu	MT8820C	SZ-WSR-M-005	2024/01/30	2025/01/29



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SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR250400159710

Page: 186 of 187

☒	Radio Communication Analyzer	Anritsu	MT8820C	SZ-WSR-M-018	2024/05/24	2025/05/23
☒	Radio Communication Analyzer	Anritsu	MT8820C	SZ-WSR-M-020	2024/8/19	2025/8/18
☒	RF Bi-Directional Coupler	Agilent	86205-60001	SZ-WSR-A-004	NCR	NCR
☒	Signal Generator	Agilent	N5171B	SZ-WSR-M-006	2024/01/30	2025/01/29
☒	Preamplifier	Mini-Circuits	ZHL-42W	SZ-WSR-A-001	NCR	NCR
☒	Preamplifier	Compliance Directions Systems Inc.	AMP28-3W	SZ-WSR-A-002	NCR	NCR
☒	Power Meter	Agilent	E4416A	SZ-WSR-M-007	2024/01/30	2025/01/29
☒	Power Sensor	Agilent	8481H	SZ-WSR-M-008	2024/01/30	2025/01/29
☒	Power Sensor	R&S	NRP-Z92	SZ-WSR-M-009	2024/01/30	2025/01/29
☒	Attenuator	SHX	TS2-3dB	SZ-WSR-A-012	NCR	NCR
☒	Speed reading thermometer	Zhengzhou Boyang Instrument	TP3001	SZ-WSR-M-014	2024/05/30	2025/05/29
☒	Temperature	MingGao	T809	SZ-WSR-M-015	2024/05/30	2025/05/29
☒	Temperature	MingGao	T809	SZ-WSR-M-016	2024/05/30	2025/05/29
☒	Humidity and Temperature Indicator	CHIGAO	HTC-1	SZ-WSR-M-013	2024/05/28	2025/05/27
☒	Humidity and Temperature Indicator	CHIGAO	HTC-1	SZ-WSR-M-012	2024/05/28	2025/05/27
☒	Humidity and Temperature Indicator	CHIGAO	HTC-1	SZ-WSR-M-011	2024/05/28	2025/05/27

Note: All the equipment are within the valid period when the tests are performed.



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11 Calibration certificate

Please see the Appendix C

12 Photographs

Please see the Appendix D

Appendix A: Detailed System Check Results

Appendix B: Detailed Test Results

Appendix C: Calibration certificate

Appendix D: Photographs

Appendix E: Conducted RF Output Power

--- End of report ---



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