

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

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

Report No.: SZCR250500221411

Page: 191 of 199

	1.104	0.858	1.175	0.983	1.005	1.046	0.880	0.861	1.159	1.181	1.222	1.140	1.162	1.203
	0.947	0.947	0.947	0.947	0.947	0.947	0.947	0.947	0.947	0.947	0.947	0.947	0.947	0.947
	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122	0.286	0.229	0.302	0.298	0.241	0.314
	0.343	0.189	0.187	0.355	0.232	0.311	0.292	0.301	0.464	0.341	0.420	0.473	0.350	0.429
	/	/	/	/	/	/	/	/	/	/	/	/	/	/
NR N48	0.911	0.577	0.815	0.675	0.616	0.641	0.637	0.638	0.771	0.712	0.737	0.772	0.713	0.738
	0.981	0.735	1.052	0.860	0.882	0.923	0.757	0.738	1.036	1.058	1.099	1.017	1.039	1.080
	0.800	0.800	0.800	0.800	0.800	0.800	0.800	0.800	0.800	0.800	0.800	0.800	0.800	0.800
	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122	0.286	0.229	0.302	0.298	0.241	0.314
	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118	0.281	0.158	0.237	0.290	0.167	0.246
	/	/	/	/	/	/	/	/	/	/	/	/	/	/
NR N66	0.990	0.656	0.894	0.754	0.695	0.720	0.716	0.717	0.850	0.791	0.816	0.851	0.792	0.817
	1.088	0.842	1.159	0.967	0.989	1.030	0.864	0.845	1.143	1.165	1.206	1.124	1.146	1.187
	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392
	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122	0.286	0.229	0.302	0.298	0.241	0.314
	0.912	0.758	0.756	0.924	0.801	0.880	0.861	0.870	1.033	0.910	0.989	1.042	0.919	0.998
	/	/	/	/	/	/	/	/	/	/	/	/	/	/
NR N70	1.037	0.703	0.941	0.801	0.742	0.767	0.763	0.764	0.897	0.838	0.863	0.898	0.839	0.864
	1.145	0.899	1.216	1.024	1.046	1.087	0.921	0.902	1.200	1.222	1.263	1.181	1.203	1.244
	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640
	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122	0.286	0.229	0.302	0.298	0.241	0.314
	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118	0.281	0.158	0.237	0.290	0.167	0.246
	0.338	0.338	0.338	0.338	0.338	0.338	0.338	0.338	0.338	0.338	0.338	0.338	0.338	0.338
NR N71	0.729	0.395	0.633	0.493	0.434	0.459	0.455	0.456	0.589	0.530	0.555	0.590	0.531	0.556
	0.739	0.493	0.810	0.618	0.640	0.681	0.515	0.496	0.794	0.816	0.857	0.775	0.797	0.838
	0.101	0.101	0.101	0.101	0.101	0.101	0.101	0.101	0.101	0.101	0.101	0.101	0.101	0.101
	0.558	0.300	0.219	0.393	0.336	0.409	0.327	0.339	0.503	0.446	0.519	0.515	0.458	0.531
	0.385	0.231	0.229	0.397	0.274	0.353	0.334	0.343	0.506	0.383	0.462	0.515	0.392	0.471
	/	/	/	/	/	/	/	/	/	/	/	/	/	/
NR N77 (3450-3550) SISO	1.084	0.750	0.988	0.848	0.789	0.814	0.810	0.811	0.944	0.885	0.910	0.945	0.886	0.911
	1.429	1.183	1.500	1.308	1.330	1.371	1.205	1.186	1.484	1.506	1.547	1.465	1.487	1.528
	1.036	1.036	1.036	1.036	1.036	1.036	1.036	1.036	1.036	1.036	1.036	1.036	1.036	1.036
	1.099	0.841	0.760	0.934	0.877	0.950	0.868	0.880	1.044	0.987	1.060	1.056	0.999	1.072
	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118	0.281	0.158	0.237	0.290	0.167	0.246
	/	/	/	/	/	/	/	/	/	/	/	/	/	/
NR N77 (3700-3980) SISO	1.141	0.807	1.045	0.905	0.846	0.871	0.867	0.868	1.001	0.942	0.967	1.002	0.943	0.968
	1.288	1.042	1.359	1.167	1.189	1.230	1.064	1.045	1.343	1.365	1.406	1.324	1.346	1.387
	0.951	0.951	0.951	0.951	0.951	0.951	0.951	0.951	0.951	0.951	0.951	0.951	0.951	0.951
	1.086	0.828	0.747	0.921	0.864	0.937	0.855	0.867	1.031	0.974	1.047	1.043	0.986	1.059
	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118	0.281	0.158	0.237	0.290	0.167	0.246
	/	/	/	/	/	/	/	/	/	/	/	/	/	/
NR N77 (3450-3550) MIMO	0.990	0.656	0.894	0.754	0.695	0.720	0.716	0.717	0.850	0.791	0.816	0.851	0.792	0.817
	1.388	1.142	1.459	1.267	1.289	1.330	1.164	1.145	1.443	1.465	1.506	1.424	1.446	1.487
	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516
	0.817	0.559	0.478	0.652	0.595	0.668	0.586	0.598	0.762	0.705	0.778	0.774	0.717	0.790
	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118	0.281	0.158	0.237	0.290	0.167	0.246
	/	/	/	/	/	/	/	/	/	/	/	/	/	/
NR N77 (3700-3980) MIMO	1.082	0.748	0.986	0.846	0.787	0.812	0.808	0.809	0.942	0.883	0.908	0.943	0.884	0.909
	1.425	1.179	1.496	1.304	1.326	1.367	1.201	1.182	1.480	1.502	1.543	1.461	1.483	1.524
	0.618	0.618	0.618	0.618	0.618	0.618	0.618	0.618	0.618	0.618	0.618	0.618	0.618	0.618



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

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

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

Report No.: SZCR250500221411

Page: 192 of 199

	0.599	0.341	0.260	0.434	0.377	0.450	0.368	0.380	0.544	0.487	0.560	0.556	0.499	0.572
	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118	0.281	0.158	0.237	0.290	0.167	0.246
	/	/	/	/	/	/	/	/	/	/	/	/	/	/
N78 (3450-3550) SISO	0.795	0.461	0.699	0.559	0.500	0.525	0.521	0.522	0.655	0.596	0.621	0.656	0.597	0.622
	1.171	0.925	1.242	1.050	1.072	1.113	0.947	0.928	1.226	1.248	1.289	1.207	1.229	1.270
	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	1.101	0.843	0.762	0.936	0.879	0.952	0.870	0.882	1.046	0.989	1.062	1.058	1.001	1.074
	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118	0.281	0.158	0.237	0.290	0.167	0.246
	/	/	/	/	/	/	/	/	/	/	/	/	/	/
N78 (3450-3550) MIMO	0.973	0.639	0.877	0.737	0.678	0.703	0.699	0.700	0.833	0.774	0.799	0.834	0.775	0.800
	1.407	1.161	1.478	1.286	1.308	1.349	1.183	1.164	1.462	1.484	1.525	1.443	1.465	1.506
	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516
	0.924	0.666	0.585	0.759	0.702	0.775	0.693	0.705	0.869	0.812	0.885	0.881	0.824	0.897
	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118	0.281	0.158	0.237	0.290	0.167	0.246
	/	/	/	/	/	/	/	/	/	/	/	/	/	/
N78 (3700-3800) MIMO	1.012	0.678	0.916	0.776	0.717	0.742	0.738	0.739	0.872	0.813	0.838	0.873	0.814	0.839
	1.426	1.180	1.497	1.305	1.327	1.368	1.202	1.183	1.481	1.503	1.544	1.462	1.484	1.525
	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624
	0.599	0.341	0.260	0.434	0.377	0.450	0.368	0.380	0.544	0.487	0.560	0.556	0.499	0.572
	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118	0.281	0.158	0.237	0.290	0.167	0.246
	/	/	/	/	/	/	/	/	/	/	/	/	/	/



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Services Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Product specific 10gSAR:

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	/	0.835	0.880	1.316	0.010
	Back side	/	/	/	/	0.013
	Left side	2.047	0.844	0.257	0.650	0.010
	Right side	/	0.695	0.093	0.474	0.010
	Top side	/	/	/	/	0.010
	Bottom side	/	/	/	/	0.010
LTE Band25	Front side	/	0.835	0.880	1.316	0.010
	Back side	/	/	/	/	0.013
	Left side	1.770	0.844	0.257	0.650	0.010
	Right side	/	0.695	0.093	0.474	0.010
	Top side	/	/	/	/	0.010
	Bottom side	/	/	/	/	0.010
LTE Band38	Front side	/	0.835	0.880	1.316	0.010
	Back side	/	/	/	/	0.013
	Left side	1.162	0.844	0.257	0.650	0.010
	Right side	/	0.695	0.093	0.474	0.010
	Top side	/	/	/	/	0.010
	Bottom side	/	/	/	/	0.010
LTE Band41	Front side	/	0.835	0.880	1.316	0.010
	Back side	/	/	/	/	0.013
	Left side	1.248	0.844	0.257	0.650	0.010
	Right side	/	0.695	0.093	0.474	0.010
	Top side	/	/	/	/	0.010
	Bottom side	/	/	/	/	0.010
NR N7	Front side	/	0.835	0.880	1.316	0.010
	Back side	/	/	/	/	0.013
	Left side	1.707	0.844	0.257	0.650	0.010
	Right side	/	0.695	0.093	0.474	0.010
	Top side	/	/	/	/	0.010
	Bottom side	/	/	/	/	0.010
NR N41	Front side	/	0.835	0.880	1.316	0.010
	Back side	/	/	/	/	0.013
	Left side	1.715	0.844	0.257	0.650	0.010
	Right side	/	0.695	0.093	0.474	0.010
	Top side	/	/	/	/	0.010
	Bottom side	/	/	/	/	0.010



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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	0.835	0.880	1.316	0.010	0.845	0.890	1.326	0.845	0.890	1.326
	Back side	/	/	/	0.013	0.013	0.013	0.013	0.013	0.013	0.013
	Left side	2.891	2.304	2.697	2.057	0.854	0.267	0.660	2.901	2.314	2.707
	Right side	0.695	0.093	0.474	0.010	0.705	0.103	0.484	0.705	0.103	0.484
	Top side	/	/	/	0.010	0.010	0.010	0.010	0.010	0.010	0.010
	Bottom side	/	/	/	0.010	0.010	0.010	0.010	0.010	0.010	0.010
LTE Band25	Front side	0.835	0.880	1.316	0.010	0.845	0.890	1.326	0.845	0.890	1.326
	Back side	/	/	/	0.013	0.013	0.013	0.013	0.013	0.013	0.013
	Left side	2.614	2.027	2.420	1.780	0.854	0.267	0.660	2.624	2.037	2.430
	Right side	0.695	0.093	0.474	0.010	0.705	0.103	0.484	0.705	0.103	0.484
	Top side	/	/	/	0.010	0.010	0.010	0.010	0.010	0.010	0.010
	Bottom side	/	/	/	0.010	0.010	0.010	0.010	0.010	0.010	0.010
LTE Band38	Front side	0.835	0.880	1.316	0.010	0.845	0.890	1.326	0.845	0.890	1.326
	Back side	/	/	/	0.013	0.013	0.013	0.013	0.013	0.013	0.013
	Left side	2.006	1.419	1.812	1.172	0.854	0.267	0.660	2.016	1.429	1.822
	Right side	0.695	0.093	0.474	0.010	0.705	0.103	0.484	0.705	0.103	0.484
	Top side	/	/	/	0.010	0.010	0.010	0.010	0.010	0.010	0.010
	Bottom side	/	/	/	0.010	0.010	0.010	0.010	0.010	0.010	0.010
LTE Band41	Front side	0.835	0.880	1.316	0.010	0.845	0.890	1.326	0.845	0.890	1.326
	Back side	/	/	/	0.013	0.013	0.013	0.013	0.013	0.013	0.013
	Left side	2.092	1.505	1.898	1.258	0.854	0.267	0.660	2.102	1.515	1.908
	Right side	0.695	0.093	0.474	0.010	0.705	0.103	0.484	0.705	0.103	0.484
	Top side	/	/	/	0.010	0.010	0.010	0.010	0.010	0.010	0.010
	Bottom side	/	/	/	0.010	0.010	0.010	0.010	0.010	0.010	0.010
NR N7	Front side	0.835	0.880	1.316	0.010	0.845	0.890	1.326	0.845	0.890	1.326
	Back side	/	/	/	0.013	0.013	0.013	0.013	0.013	0.013	0.013
	Left side	2.551	1.964	2.357	1.717	0.854	0.267	0.660	2.561	1.974	2.367
	Right side	0.695	0.093	0.474	0.010	0.705	0.103	0.484	0.705	0.103	0.484
	Top side	/	/	/	0.010	0.010	0.010	0.010	0.010	0.010	0.010
	Bottom side	/	/	/	0.010	0.010	0.010	0.010	0.010	0.010	0.010
NR N41	Front side	0.835	0.880	1.316	0.010	0.845	0.890	1.326	0.845	0.890	1.326
	Back side	/	/	/	0.013	0.013	0.013	0.013	0.013	0.013	0.013
	Left side	2.559	1.972	2.365	1.725	0.854	0.267	0.660	2.569	1.982	2.375
	Right side	0.695	0.093	0.474	0.010	0.705	0.103	0.484	0.705	0.103	0.484
	Top side	/	/	/	0.010	0.010	0.010	0.010	0.010	0.010	0.010
	Bottom side	/	/	/	0.010	0.010	0.010	0.010	0.010	0.010	0.010



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch Laboratory
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

10 Equipment list

Test Platform		SPEAG DASY Professional				
Description		SAR Test System (Frequency range 300MHz-6GHz)				
Software Reference		DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483) DASY8; Module SAR:V16.2.4.2524				
Hardware Reference						
Equipment	Manufacturer	Model	Inventory No.	Calibration Date	Due date of calibration	
<input checked="" type="checkbox"/>	Test Phantom	SPEAG	SAM Twin	SZ-WSR-A-020	NCR	NCR
<input checked="" type="checkbox"/>	Test Phantom	SPEAG	SAM Twin	SZ-WSR-A-023	NCR	NCR
<input checked="" type="checkbox"/>	Test Phantom	SPEAG	SAM Twin	SZ-WSR-A-025	NCR	NCR
<input checked="" type="checkbox"/>	Test Phantom	SPEAG	SAM Twin	SZ-WSR-A-026	NCR	NCR
<input checked="" type="checkbox"/>	Test Phantom	SPEAG	mmWave Phantom	SZ-WSR-A-029	NCR	NCR
<input checked="" type="checkbox"/>	DAE	SPEAG	DAE4	SZ-WSR-M-030	2023/11/17	2024/11/16
<input checked="" type="checkbox"/>	DAE	SPEAG	DAE4	SZ-WSR-M-031	2024/03/18	2025/03/17
<input checked="" type="checkbox"/>	DAE	SPEAG	DAE4	SZ-WSR-M-029	2024/01/03	2025/01/02
<input checked="" type="checkbox"/>	DAE	SPEAG	DAE4	SZ-WSR-M-028	2024/04/16	2025/04/15
<input checked="" type="checkbox"/>	DAE	SPEAG	DAE4ip	SZ-WSR-M-074	2023/07/14	2024/07/13
<input checked="" type="checkbox"/>	E-Field Probe	SPEAG	EX3DV4	SZ-WSR-M-082	2023/08/07	2024/08/06
<input checked="" type="checkbox"/>	E-Field Probe	SPEAG	EX3DV4	SZ-WSR-M-068	2023/11/23	2024/11/22
<input checked="" type="checkbox"/>	E-Field Probe	SPEAG	EX3DV4	SZ-WSR-M-027	2024/07/16	2025/07/15
<input checked="" type="checkbox"/>	E-Field Probe	SPEAG	EX3DV4	SZ-WSR-M-075	2024/07/17	2025/07/16
<input checked="" type="checkbox"/>	E-U Probe	SPEAG	EUmmWV4	SZ-WSR-M-048	2023-08-18	2024-08-17
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D750V3	SZ-WSR-M-032	2022/06/06	2025/06/05
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D835V2	SZ-WSR-M-033	2022/11/02	2025/11/01
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D1750V2	SZ-WSR-M-035	2022/06/17	2025/06/16
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D1900V2	SZ-WSR-M-036	2022/11/02	2025/11/01
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D2300V2	SZ-WSR-M-038	2022/06/16	2025/06/15
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D2450V2	SZ-WSR-M-039	2022/11/02	2025/11/01
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D2600V2	SZ-WSR-M-040	2022/06/14	2025/06/13
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D3500V2	SZ-WSR-M-041	2022/09/19	2025/09/18
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D3700V2	SZ-WSR-M-042	2022/09/15	2025/09/14
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D3900V2	SZ-WSR-M-043	2022/09/16	2025/09/15
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D5GHzV2	SZ-WSR-M-046	2022/11/01	2025/10/31
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D6.5GHzV2	SZ-WSR-M-080	2023/11/11	2026/11/10
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	Soure 10 GHz	SZ-WSR-M-049	2023/08/21	2026/08/20
<input checked="" type="checkbox"/>	Dielectric parameter probes	SPEAG	DAKS-12	SZ-WSR-M-090	2023/07/31	2024/07/30
<input checked="" type="checkbox"/>	Vector Network Analyzer and Vector Reflectometer	SPEAG	DAKS_VNA R60	SZ-WSR-M-091	2023/07/31	2024/07/30
<input checked="" type="checkbox"/>	Radio Communication	Anritsu	MT8820C	SZ-WSR-M-005	2024/01/30	2025/01/29



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

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

Report No.: SZCR250500221411

Page: 196 of 199

	Analyzer					
<input checked="" type="checkbox"/>	Radio Communication Analyzer	Anritsu	MT8820C	SZ-WSR-M-018	2024/05/24	2025/05/23
<input checked="" type="checkbox"/>	Radio Communication Analyzer	Anritsu	MT8820C	SZ-WSR-M-020	2023/09/14	2024/09/13
<input checked="" type="checkbox"/>	RF Bi-Directional Coupler	Agilent	86205-60001	SZ-WSR-A-004	NCR	NCR
<input checked="" type="checkbox"/>	Signal Generator	Agilent	N5171B	SZ-WSR-M-006	2024/01/30	2025/01/29
<input checked="" type="checkbox"/>	Preamplifier	Mini-Circuits	ZHL-42W	SZ-WSR-A-001	NCR	NCR
<input checked="" type="checkbox"/>	Preamplifier	Compliance Directions Systems Inc.	AMP28-3W	SZ-WSR-A-002	NCR	NCR
<input checked="" type="checkbox"/>	Power Meter	Agilent	E4416A	SZ-WSR-M-007	2024/01/30	2025/01/29
<input checked="" type="checkbox"/>	Power Sensor	Agilent	8481H	SZ-WSR-M-008	2024/01/30	2025/01/29
<input checked="" type="checkbox"/>	Power Sensor	R&S	NRP-Z92	SZ-WSR-M-009	2024/01/30	2025/01/29
<input checked="" type="checkbox"/>	Attenuator	SHX	TS2-3dB	SZ-WSR-A-012	NCR	NCR
<input checked="" type="checkbox"/>	Speed reading thermometer	Zhengzhou Boyang Instrument	TP3001	SZ-WSR-M-014	2024/05/30	2025/05/29
<input checked="" type="checkbox"/>	Temperature	MingGao	T809	SZ-WSR-M-015	2024/05/30	2025/05/29
<input checked="" type="checkbox"/>	Temperature	MingGao	T809	SZ-WSR-M-016	2024/05/30	2025/05/29
<input checked="" type="checkbox"/>	Humidity and Temperature Indicator	CHIGAO	HTC-1	SZ-WSR-M-013	2024/05/28	2025/05/27
<input checked="" type="checkbox"/>	Humidity and Temperature Indicator	CHIGAO	HTC-1	SZ-WSR-M-012	2024/05/28	2025/05/27
<input checked="" type="checkbox"/>	Humidity and Temperature Indicator	CHIGAO	HTC-1	SZ-WSR-M-011	2024/05/28	2025/05/27

(for original report SZCR240300076714)



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

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

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

Report No.: SZCR250500221411

Page: 197 of 199

Test Platform		SPEAG DASY Professional				
Description		SAR Test System				
Software Reference		DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)				
Hardware Reference						
Equipment	Manufacturer	Model	Inventory No.	Calibration Date	Due date of calibration	
<input checked="" type="checkbox"/>	Test Phantom	SPEAG	SAM Twin	SZ-WSR-A-020	NCR	NCR
<input checked="" type="checkbox"/>	DAE	SPEAG	DAE4	SZ-WSR-M-081	2024/08/15	2025/08/14
<input checked="" type="checkbox"/>	E-Field Probe	SPEAG	EX3DV4	SZ-WSR-M-082	2024/09/19	2025/09/18
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D835V2	SZ-WSR-M-033	2022/11/02	2025/11/01
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D1750V2	SZ-WSR-M-035	2022/06/17	2025/06/16
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D1950V3	SZ-WSR-M-037	2022/10/31	2025/10/30
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D2450V2	SZ-WSR-M-039	2022/11/02	2025/11/01
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D2600V2	SZ-WSR-M-040	2022/06/14	2025/06/13
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D3700V2	SZ-WSR-M-042	2022/09/15	2025/09/14
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D3900V2	SZ-WSR-M-043	2022/09/16	2025/09/15
<input checked="" type="checkbox"/>	Validation Kits	SPEAG	D5GHzV2	SZ-WSR-M-046	2022/11/01	2025/10/31
<input checked="" type="checkbox"/>	Dielectric parameter probes	SPEAG	DAKS-3.5	SZ-WSR-M-053	2024/06/26	2025/06/25
<input checked="" type="checkbox"/>	Vector Network Analyzer and Vector Reflectometer	SPEAG	DAKS_VNA R140	SZ-WSR-M-054	2024/06/26	2025/06/25
<input checked="" type="checkbox"/>	Radio Communication Analyzer	Anritsu	MT8820C	SZ-WSR-M-005	2025/01/08	2026/01/07
<input checked="" type="checkbox"/>	Radio Communication Analyzer	Anritsu	MT8820C	SZ-WSR-M-018	2025/05/22	2026/05/21
<input checked="" type="checkbox"/>	Radio Communication Analyzer	Anritsu	MT8820C	SZ-WSR-M-020	2024/08/19	2025/08/18
<input checked="" type="checkbox"/>	RF Bi-Directional Coupler	Agilent	86205-60001	SZ-WSR-A-004	NCR	NCR
<input checked="" type="checkbox"/>	Signal Generator	Agilent	N5171B	SZ-WSR-M-006	2025/01/07	2026/01/06
<input checked="" type="checkbox"/>	Preamplifier	Mini-Circuits	ZHL-42W	SZ-WSR-A-001	NCR	NCR
<input checked="" type="checkbox"/>	Preamplifier	Compliance Directions Systems Inc.	AMP28-3W	SZ-WSR-A-002	NCR	NCR
<input checked="" type="checkbox"/>	Power Meter	Agilent	E4416A	SZ-WSR-M-007	2025/01/07	2026/01/06
<input checked="" type="checkbox"/>	Power Sensor	Agilent	8481H	SZ-WSR-M-008	2025/01/07	2026/01/06
<input checked="" type="checkbox"/>	Power Sensor	R&S	NRP-Z92	SZ-WSR-M-009	2025/01/08	2026/01/07
<input checked="" type="checkbox"/>	Attenuator	SHX	TS2-3dB	SZ-WSR-A-012	NCR	NCR
<input checked="" type="checkbox"/>	Speed reading thermometer	Zhengzhou Boyang Instrument	TP3001	SZ-WSR-M-014	2025/05/19	2026/05/18
<input checked="" type="checkbox"/>	Temperature	MingGao	T809	SZ-WSR-M-015	2025/05/19	2026/05/18



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

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

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

Report No.: SZCR250500221411

Page: 198 of 199

<input checked="" type="checkbox"/>	Temperature	MingGao	T809	SZ-WSR-M-016	2025/05/19	2026/05/18
<input checked="" type="checkbox"/>	Humidity and Temperature Indicator	CHIGAO	HTC-1	SZ-WSR-M-013	2025/05/16	2026/05/15
<input checked="" type="checkbox"/>	Humidity and Temperature Indicator	CHIGAO	HTC-1	SZ-WSR-M-012	2025/05/16	2026/05/15
<input checked="" type="checkbox"/>	Humidity and Temperature Indicator	CHIGAO	HTC-1	SZ-WSR-M-011	2025/05/19	2026/05/18

(for new report SZCR250500221411)

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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

Appendix F: Antenna Locations

--- End of report ---



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch Laboratory
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com