

	Right side	0.933	0.889	0.927	0.927	0.949	0.889
	Top side	0.828	0.704	0.854	0.933	0.747	0.910
	Bottom side	1.139	1.267	1.239	1.139	1.404	1.245
DC_5A_n2A	Front side	1.035	1.233	1.197	1.324	1.245	1.262
	Back side	1.035	1.082	1.050	0.973	1.041	1.000
	Left side	0.739	1.088	1.063	0.739	1.067	0.849
	Right side	0.905	0.861	0.899	0.899	0.921	0.861
	Top side	0.898	0.774	0.924	1.003	0.817	0.980
	Bottom side	1.165	1.293	1.265	1.165	1.430	1.271
DC_12A_n2A	Front side	0.905	1.103	1.067	1.194	1.115	1.132
	Back side	0.963	1.010	0.978	0.901	0.969	0.928
	Left side	0.492	0.841	0.816	0.492	0.820	0.602
	Right side	0.437	0.393	0.431	0.431	0.453	0.393
	Top side	0.293	0.169	0.319	0.398	0.212	0.375
	Bottom side	0.620	0.748	0.720	0.620	0.885	0.726
DC_30A_n2A	Front side	1.049	1.247	1.211	1.338	1.259	1.276
	Back side	1.217	1.264	1.232	1.155	1.223	1.182
	Left side	0.711	1.060	1.035	0.711	1.039	0.821
	Right side	0.945	0.901	0.939	0.939	0.961	0.901
	Top side	0.884	0.760	0.910	0.989	0.803	0.966
	Bottom side	1.101	1.229	1.201	1.101	1.366	1.207
DC_66A_n2A	Front side	0.826	1.024	0.988	1.115	1.036	1.053
	Back side	1.059	1.106	1.074	0.997	1.065	1.024
	Left side	0.249	0.598	0.573	0.249	0.577	0.359
	Right side	0.752	0.708	0.746	0.746	0.768	0.708
	Top side	0.451	0.327	0.477	0.556	0.370	0.533
	Bottom side	1.083	1.211	1.183	1.083	1.348	1.189
DC_2A_n77A(3450-3550)	Front side	0.822	1.020	0.984	1.111	1.032	1.049
	Back side	1.025	1.072	1.040	0.963	1.031	0.990
	Left side	1.096	1.445	1.420	1.096	1.424	1.206
	Right side	0.624	0.580	0.618	0.618	0.640	0.580
	Top side	0.752	0.628	0.778	0.857	0.671	0.834
	Bottom side	0.687	0.815	0.787	0.687	0.952	0.793
DC_2A_n77A(3700-3980)	Front side	0.844	1.042	1.006	1.133	1.054	1.071
	Back side	1.055	1.102	1.070	0.993	1.061	1.020
	Left side	1.180	1.529	1.504	1.180	1.508	1.290
	Right side	0.624	0.580	0.618	0.618	0.640	0.580
	Top side	0.797	0.673	0.823	0.902	0.716	0.879
	Bottom side	0.687	0.815	0.787	0.687	0.952	0.793
DC_66A_n77A(3450-3550)	Front side	0.643	0.841	0.805	0.932	0.853	0.870
	Back side	0.808	0.855	0.823	0.746	0.814	0.773
	Left side	0.647	0.996	0.971	0.647	0.975	0.757
	Right side	0.485	0.441	0.479	0.479	0.501	0.441
	Top side	0.330	0.206	0.356	0.435	0.249	0.412
	Bottom side	0.523	0.651	0.623	0.523	0.788	0.629
DC_66A_n77A(3700-3980)	Front side	0.665	0.863	0.827	0.954	0.875	0.892
	Back side	0.838	0.885	0.853	0.776	0.844	0.803
	Left side	0.731	1.080	1.055	0.731	1.059	0.841
	Right side	0.485	0.441	0.479	0.479	0.501	0.441
	Top side	0.375	0.251	0.401	0.480	0.294	0.457
	Bottom side	0.523	0.651	0.623	0.523	0.788	0.629

DC_30A_n77A(3450-3550)	Front side	0.866	1.064	1.028	1.155	1.076	1.093
	Back side	0.966	1.013	0.981	0.904	0.972	0.931
	Left side	1.109	1.458	1.433	1.109	1.437	1.219
	Right side	0.678	0.634	0.672	0.672	0.694	0.634
	Top side	0.763	0.639	0.789	0.868	0.682	0.845
	Bottom side	0.541	0.669	0.641	0.541	0.806	0.647
DC_30A_n77A(3700-3980)	Front side	0.888	1.086	1.050	1.177	1.098	1.115
	Back side	0.996	1.043	1.011	0.934	1.002	0.961
	Left side	1.193	1.542	1.517	1.193	1.521	1.303
	Right side	0.678	0.634	0.672	0.672	0.694	0.634
	Top side	0.808	0.684	0.834	0.913	0.727	0.890
	Bottom side	0.541	0.669	0.641	0.541	0.806	0.647
DC_12A_n77A(3450-3550)	Front side	0.722	0.920	0.884	1.011	0.932	0.949
	Back side	0.712	0.759	0.727	0.650	0.718	0.677
	Left side	0.890	1.239	1.214	0.890	1.218	1.000
	Right side	0.170	0.126	0.164	0.164	0.186	0.126
	Top side	0.172	0.048	0.198	0.277	0.091	0.254
	Bottom side	0.060	0.188	0.160	0.060	0.325	0.166
DC_12A_n77A(3700-3980)	Front side	0.744	0.942	0.906	1.033	0.954	0.971
	Back side	0.742	0.789	0.757	0.680	0.748	0.707
	Left side	0.974	1.323	1.298	0.974	1.302	1.084
	Right side	0.170	0.126	0.164	0.164	0.186	0.126
	Top side	0.217	0.093	0.243	0.322	0.136	0.299
	Bottom side	0.060	0.188	0.160	0.060	0.325	0.166
DC_14A_n77A(3450-3550)	Front side	0.850	1.048	1.012	1.139	1.060	1.077
	Back side	0.883	0.930	0.898	0.821	0.889	0.848
	Left side	1.062	1.411	1.386	1.062	1.390	1.172
	Right side	0.314	0.270	0.308	0.308	0.330	0.270
	Top side	0.367	0.243	0.393	0.472	0.286	0.449
	Bottom side	0.192	0.320	0.292	0.192	0.457	0.298
DC_14A_n77A(3700-3980)	Front side	0.872	1.070	1.034	1.161	1.082	1.099
	Back side	0.913	0.960	0.928	0.851	0.919	0.878
	Left side	1.146	1.495	1.470	1.146	1.474	1.256
	Right side	0.314	0.270	0.308	0.308	0.330	0.270
	Top side	0.412	0.288	0.438	0.517	0.331	0.494
	Bottom side	0.192	0.320	0.292	0.192	0.457	0.298
DC_14A_n66A	Front side	1.198	1.396	1.360	1.487	1.408	1.425
	Back side	1.225	1.272	1.240	1.163	1.231	1.190
	Left side	0.664	1.013	0.988	0.664	0.992	0.774
	Right side	0.569	0.525	0.563	0.563	0.585	0.525
	Top side	0.432	0.308	0.458	0.537	0.351	0.514
	Bottom side	0.790	0.918	0.890	0.790	1.055	0.896
DC_14A_n2A	Front side	1.033	1.231	1.195	1.322	1.243	1.260
	Back side	1.134	1.181	1.149	1.072	1.140	1.099
	Left side	0.664	1.013	0.988	0.664	0.992	0.774
	Right side	0.581	0.537	0.575	0.575	0.597	0.537
	Top side	0.488	0.364	0.514	0.593	0.407	0.570
	Bottom side	0.752	0.880	0.852	0.752	1.017	0.858

9 Equipment list

Test Platform		SPEAG DASY Professional				
Software Reference		DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)				
		cDASY8 V16.4.0.5005				
Hardware Reference						
Equipment		Manufacturer	Model	Serial Number	Calibration Date	Due date of calibration
☒	Twin Phantom	SPEAG	SAM7	1702	NCR	NCR
☒	Twin Phantom	SPEAG	ELI V5.0	1239	NCR	NCR
☒	DAE	SPEAG	DAE4	1740	2025-02-17	2026-02-16
☒	E-Field Probe	SPEAG	EX3DV4	7735	2025-01-29	2026-01-28
☒	E-Field Probe	SPEAG	EX3DV4	3982	2025-11-07	2026-11-06
☒	Validation Kits	SPEAG	CLA13	1032	2023-02-09	2026-02-08
☒	Validation Kits	SPEAG	D750V3	1214	2025-04-01	2028-03-31
☒	Validation Kits	SPEAG	D835V2	4d161	2023-08-25	2026-08-24
☒	Validation Kits	SPEAG	D1750V2	1105	2023-11-03	2026-11-02
☒	Validation Kits	SPEAG	D1950V3	1218	2023-05-04	2026-05-03
☒	Validation Kits	SPEAG	D2450V2	922	2023-08-28	2026-08-27
☒	Validation Kits	SPEAG	D2600V2	1158	2025-03-31	2028-03-30
☒	Validation Kits	SPEAG	D3500V2	1067	2025-01-16	2028-01-15
☒	Validation Kits	SPEAG	D3700V2	1108	2025-04-02	2028-03-31
☒	Validation Kits	SPEAG	D3900V2	1083	2025-03-31	2028-03-30
☒	Validation Kits	SPEAG	D5GHzV2	1174	2023-08-23	2026-08-22
☒	Dielectric parameter probes	SPEAG	DAKS-3.5	1120	2025-08-25	2026-08-24
☒	Vector Network Analyzer and Vector Reflectometer	SPEAG	DAKS_VNA R140	50920	2025-08-25	2026-08-24
☒	Dielectric parameter probes	SPEAG	DAKS-12	1043	2025-09-22	2026-09-21
☒	Vector Network Analyzer and Vector Reflectometer	SPEAG	DAKS_VNA R60	21423005	2025-09-22	2026-09-21
☒	Universal Radio Communication Tester	R&S	CMW500	111637	2025-09-03	2026-09-02
☒	RF Bi-Directional Coupler	Agilent	86205-60001	MY31400031	NCR	NCR
☒	Signal Generator	R&S	SMB100A	182393	2025-02-05	2026-02-04
☒	Preamplifier	Qiji	YX28980933	202104001	NCR	NCR
☒	Preamplifier	QiJi	YX28982108	K2110F01	NCR	NCR
☒	USB Average Power Sensor	Keysight	U2002H	MY5639004	2025-09-10	2026-09-09
☒	USB Average Power Sensor	Agilent	U2002H	MY48200110	2025-11-20	2026-11-19
☒	USB Power Sensor	KEYSIGHT	U8481A	MZ52460001	2025-06-16	2026-06-14
☒	USB Power Sensor	KEYSIGHT	U8481A	MZ52460007	2025-06-16	2026-06-14
☒	Attenuator	SHX	TS2-3dB	30704	NCR	NCR
☒	Coaxial low pass filter	Mini-Circuits	VLF-2500(+)	NA	NCR	NCR
☒	Coaxial low pass filter	Microlab Fxr	LA-F13	NA	NCR	NCR



☒	DC POWER SUPPLY	SAKO	SK1730SL5A	NA	NCR	NCR
☒	Speed reading thermometer	LKM	DTM3000	NA	2025-09-16	2026-09-15
☒	Humidity and Temperature Indicator	MingGao	MingGao	NA	2025-09-16	2026-09-15
☒	Humidity and Temperature Indicator	ASONE	THA-02L	2201-1017	2025-09-16	2026-09-15

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



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10 Calibration certificate

Please see the Appendix C

11 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 ---