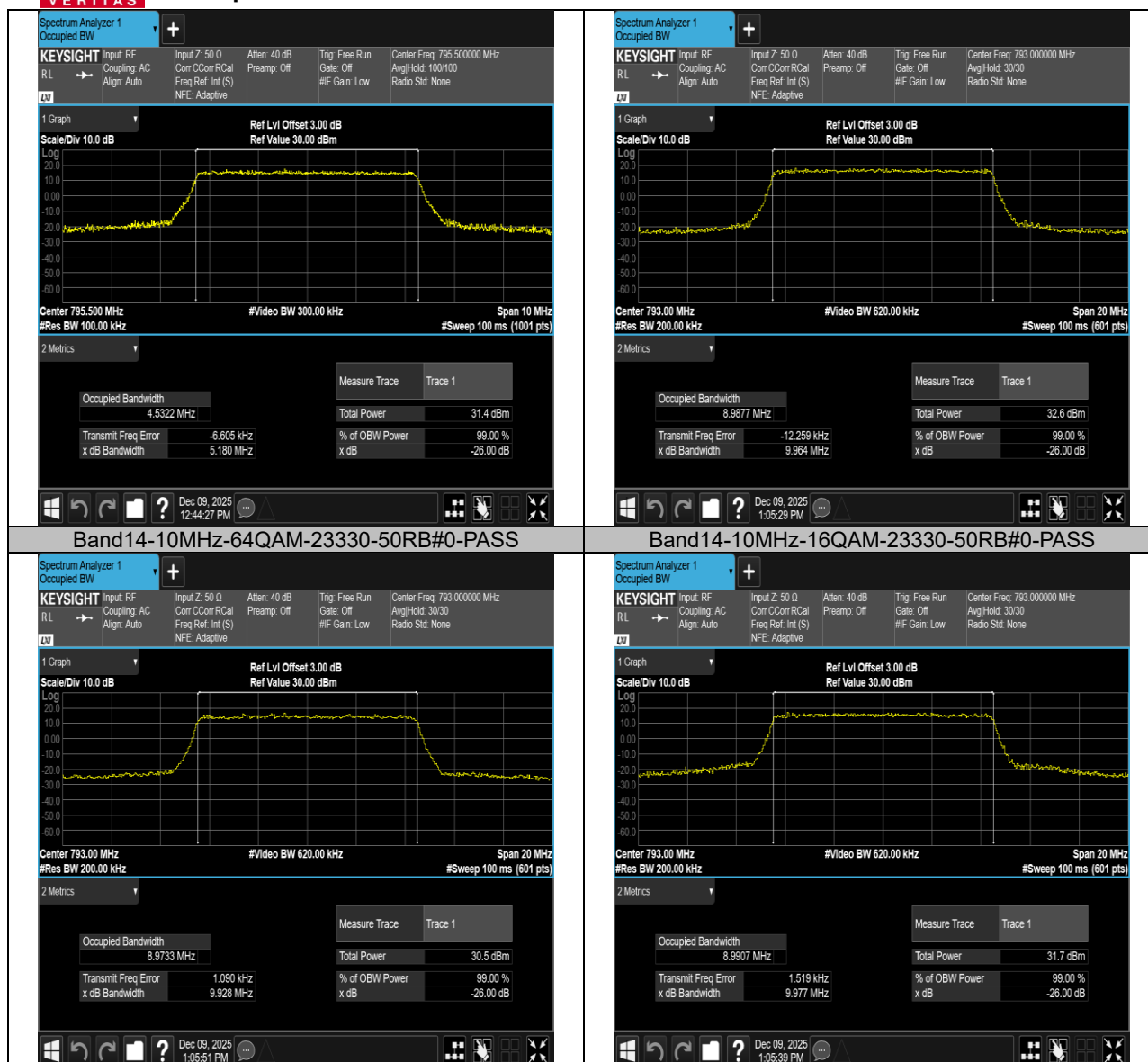




BUREAU VERITAS Test Report No.: PSU-QBJ2512030110RF05





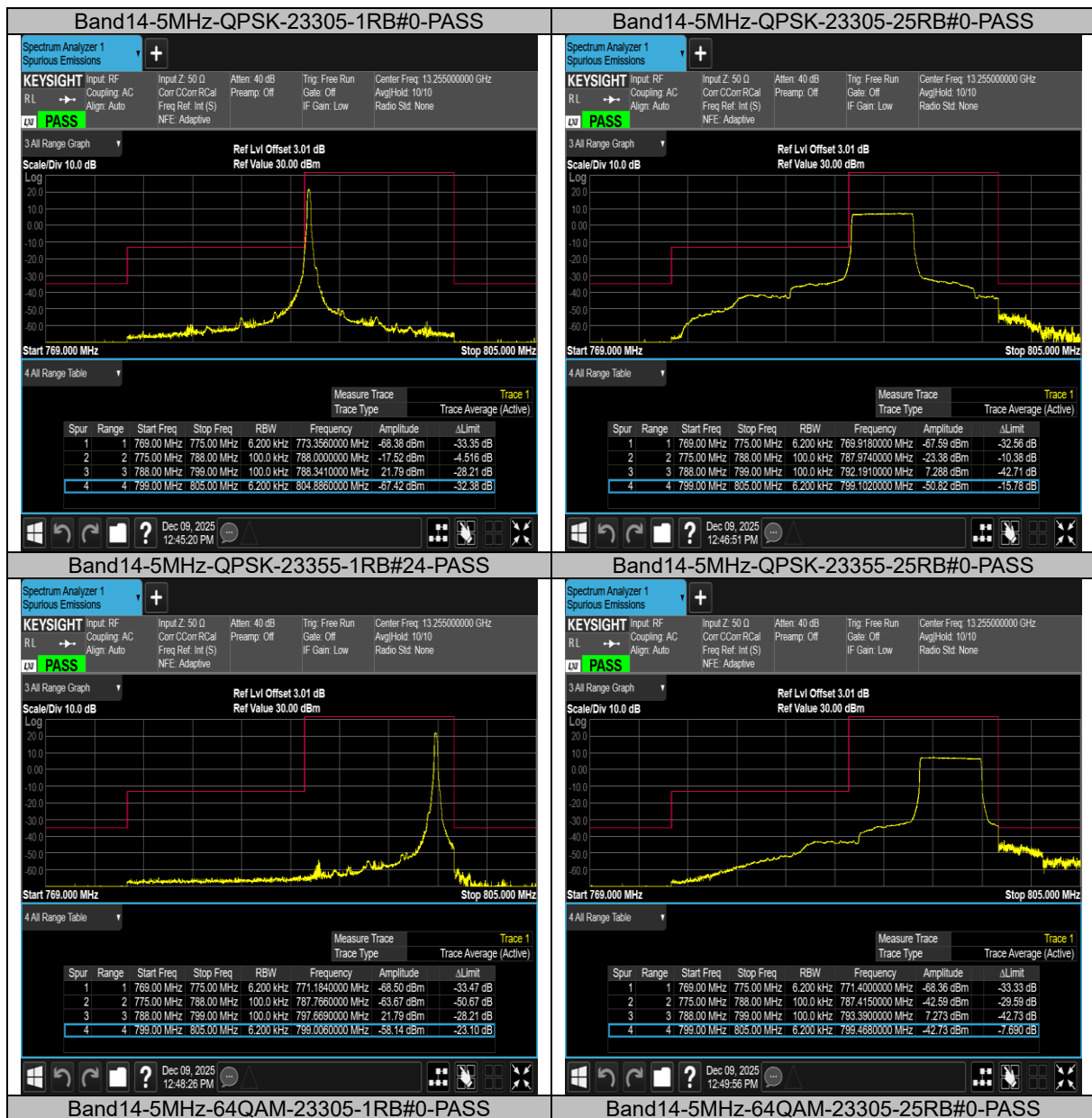
Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	-17.52	PASS
Band14	5MHz	QPSK	23305	25RB#0	-23.38	PASS
Band14	5MHz	QPSK	23355	1RB#24	-58.14	PASS
Band14	5MHz	QPSK	23355	25RB#0	-42.73	PASS
Band14	5MHz	64QAM	23305	1RB#0	-19.00	PASS
Band14	5MHz	64QAM	23305	25RB#0	-24.70	PASS
Band14	5MHz	64QAM	23355	1RB#24	-64.36	PASS
Band14	5MHz	64QAM	23355	25RB#0	-44.37	PASS
Band14	5MHz	16QAM	23305	1RB#0	-18.31	PASS
Band14	5MHz	16QAM	23305	25RB#0	-23.85	PASS
Band14	5MHz	16QAM	23355	1RB#24	-55.56	PASS
Band14	5MHz	16QAM	23355	25RB#0	-43.25	PASS
Band14	10MHz	QPSK	23330	1RB#0	-28.98	PASS
Band14	10MHz	QPSK	23330	1RB#49	-60.79	PASS
Band14	10MHz	QPSK	23330	50RB#0	-43.97	PASS
Band14	10MHz	64QAM	23330	1RB#0	-31.27	PASS
Band14	10MHz	64QAM	23330	1RB#49	-63.87	PASS
Band14	10MHz	64QAM	23330	50RB#0	-44.70	PASS
Band14	10MHz	16QAM	23330	1RB#0	-30.63	PASS
Band14	10MHz	16QAM	23330	1RB#49	-61.79	PASS
Band14	10MHz	16QAM	23330	50RB#0	-44.73	PASS

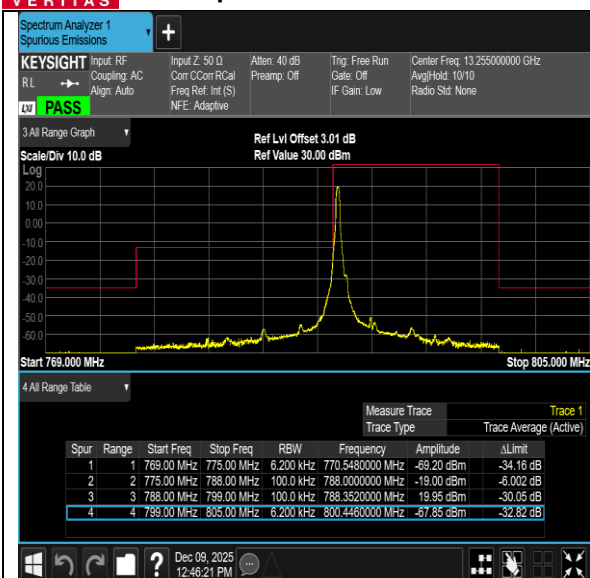


Test Graphs

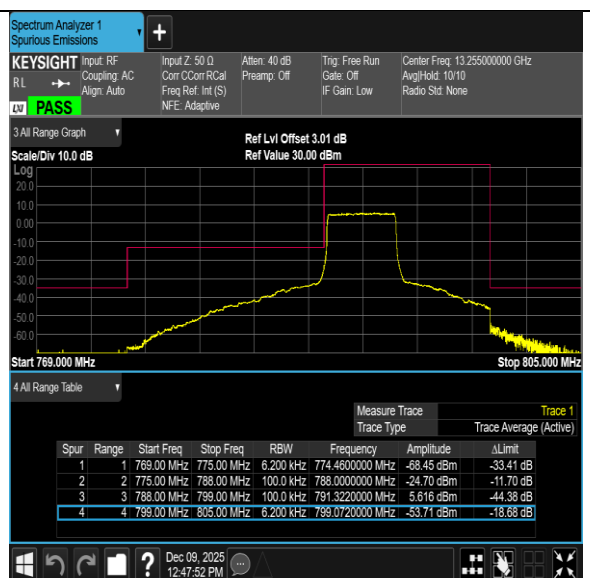




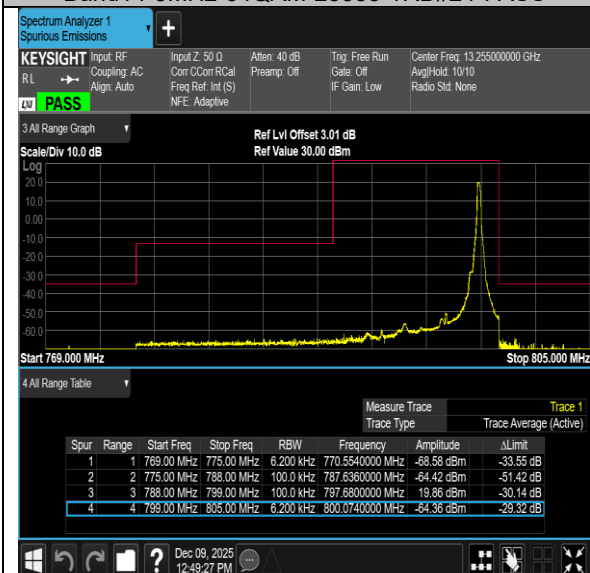
BUREAU VERITAS Test Report No.: PSU-QBJ2512030110RF05



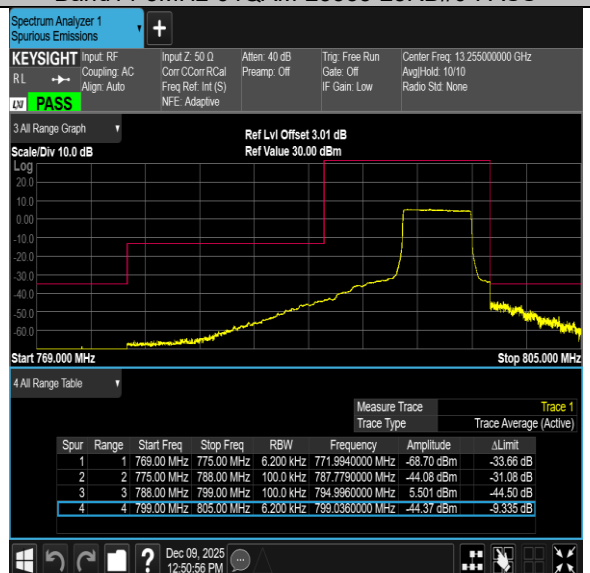
Band14-5MHz-64QAM-23355-1RB#24-PASS



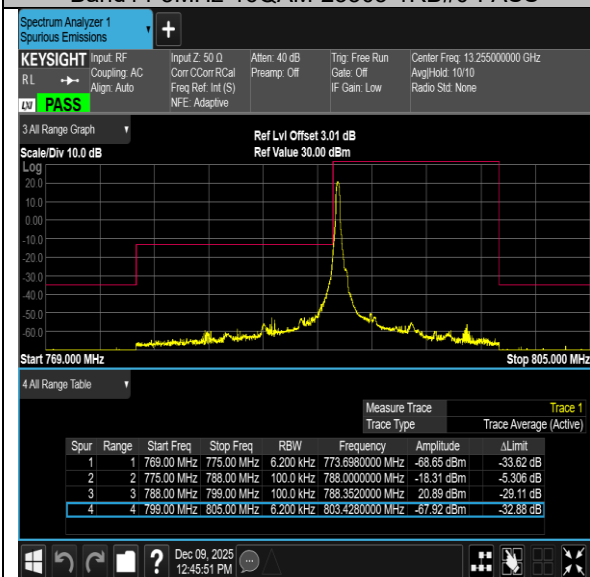
Band14-5MHz-64QAM-23355-25RB#0-PASS



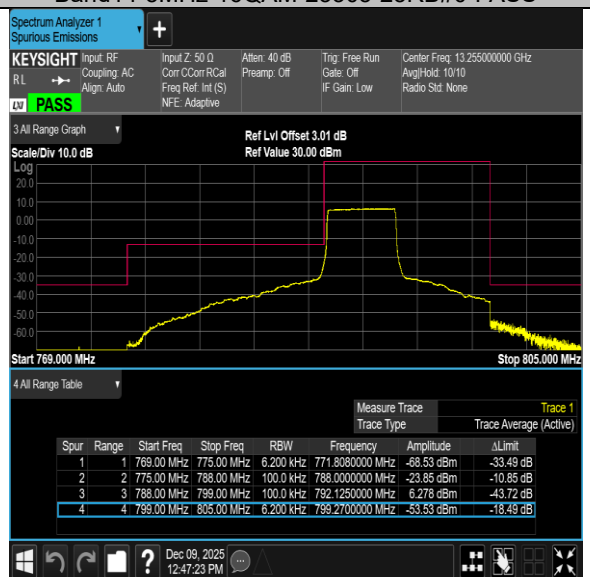
Band14-5MHz-16QAM-23305-1RB#0-PASS



Band14-5MHz-16QAM-23305-25RB#0-PASS



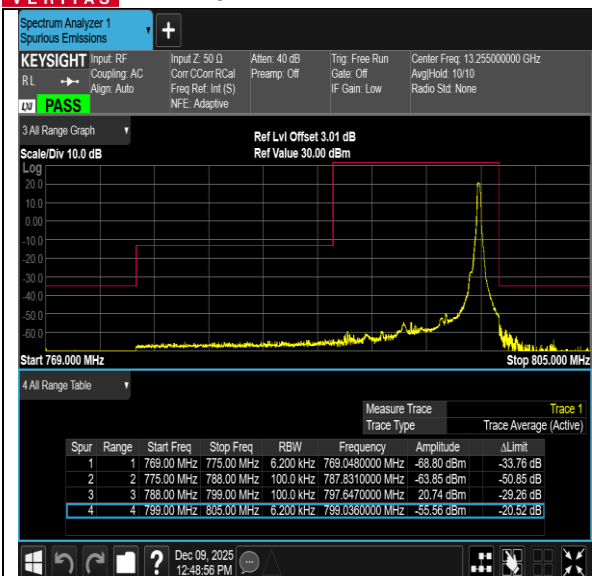
Band14-5MHz-16QAM-23355-1RB#24-PASS



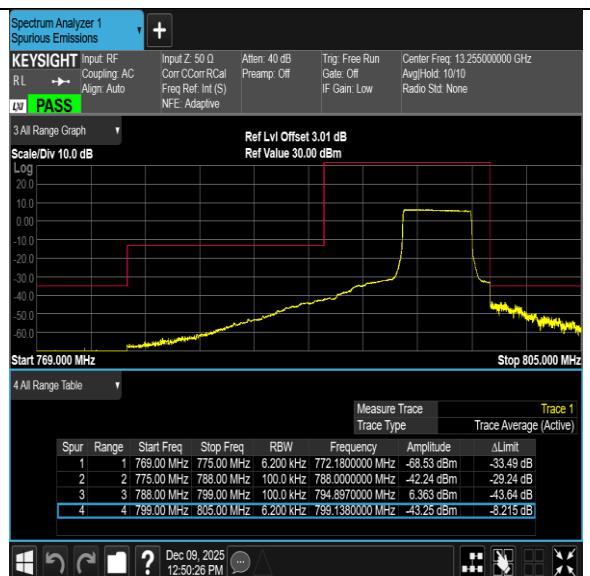
Band14-5MHz-16QAM-23355-25RB#0-PASS



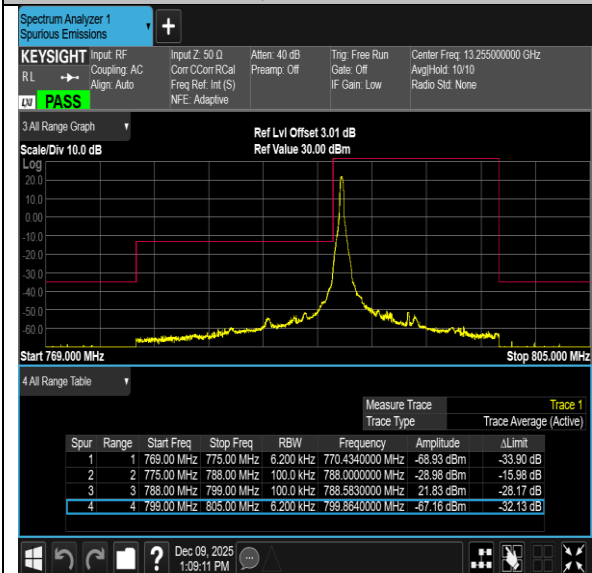
BUREAU VERITAS Test Report No.: PSU-QBJ2512030110RF05



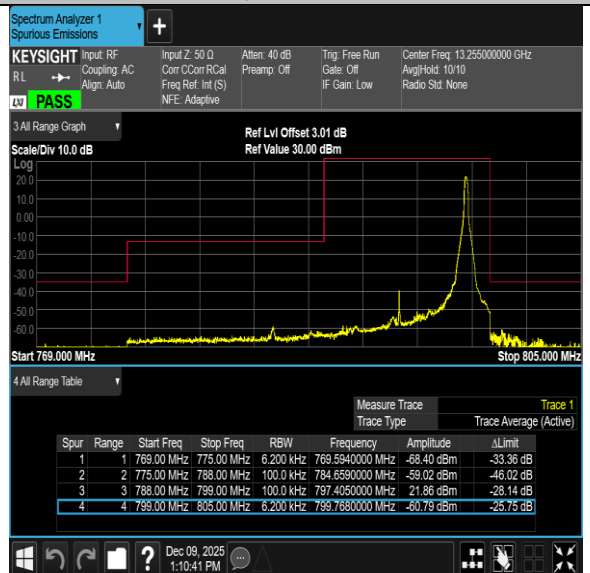
Band14-10MHz-QPSK-23330-1RB#0-PASS



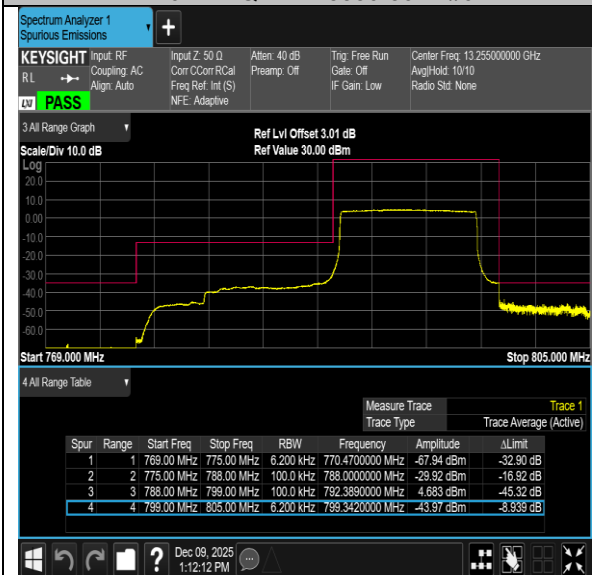
Band14-10MHz-QPSK-23330-1RB#49-PASS



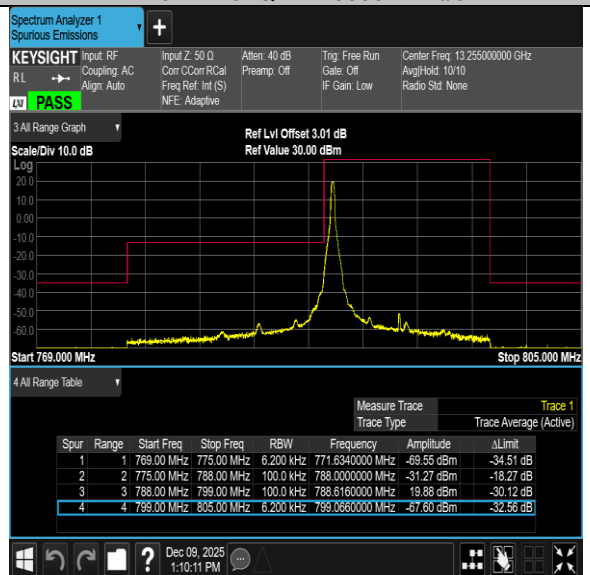
Band14-10MHz-QPSK-23330-50RB#0-PASS



Band14-10MHz-64QAM-23330-1RB#0-PASS



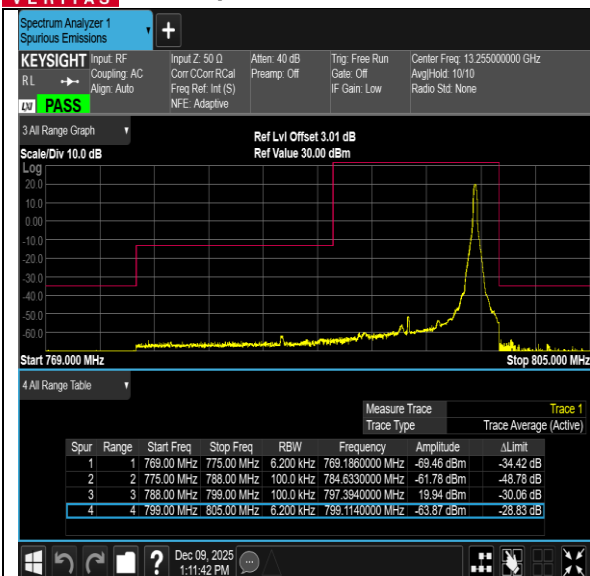
Band14-10MHz-64QAM-23330-1RB#49-PASS



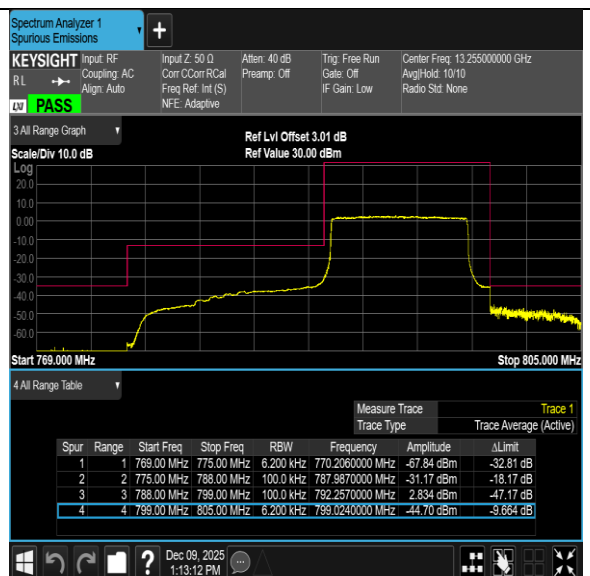
Band14-10MHz-64QAM-23330-50RB#0-PASS



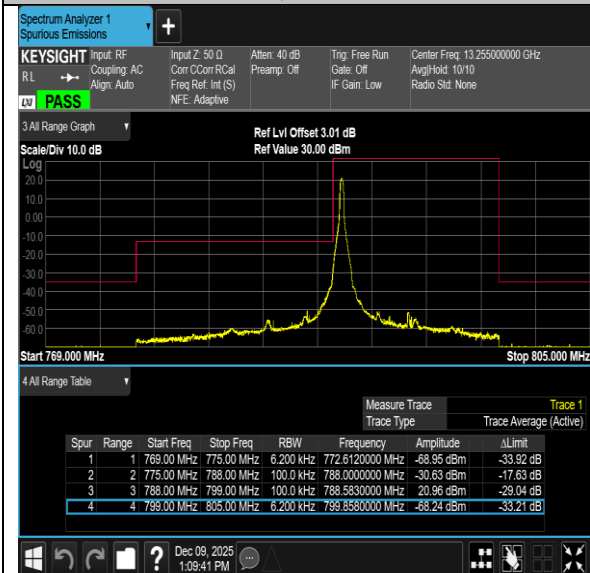
BUREAU VERITAS Test Report No.: PSU-QBJ2512030110RF05



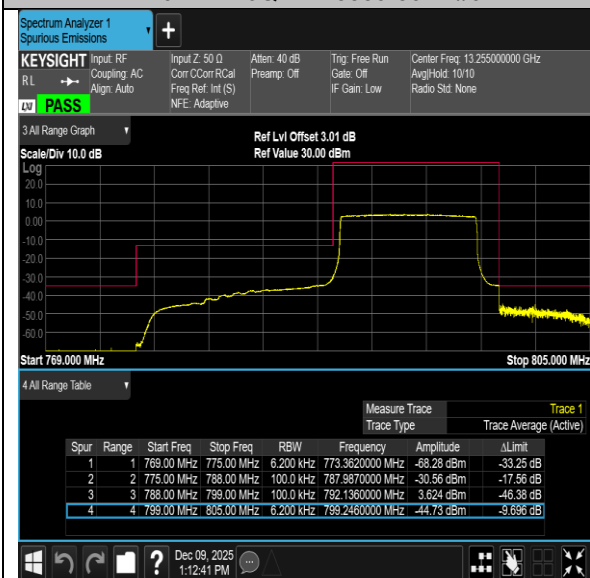
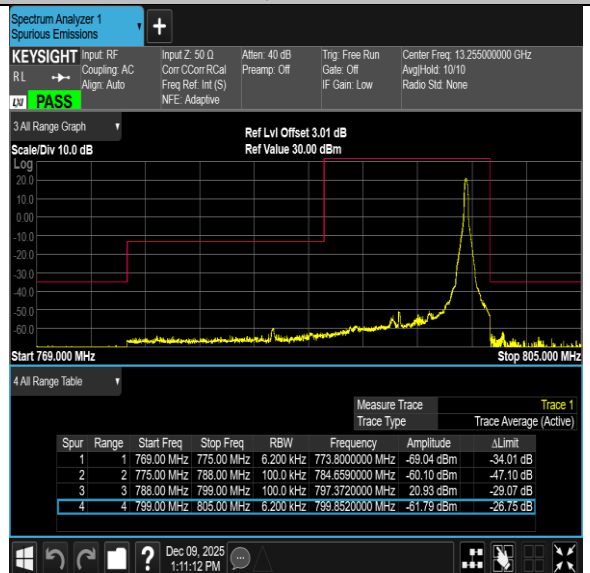
Band14-10MHz-16QAM-23330-1RB#0-PASS



Band14-10MHz-16QAM-23330-1RB#49-PASS



Band14-10MHz-16QAM-23330-50RB#0-PASS



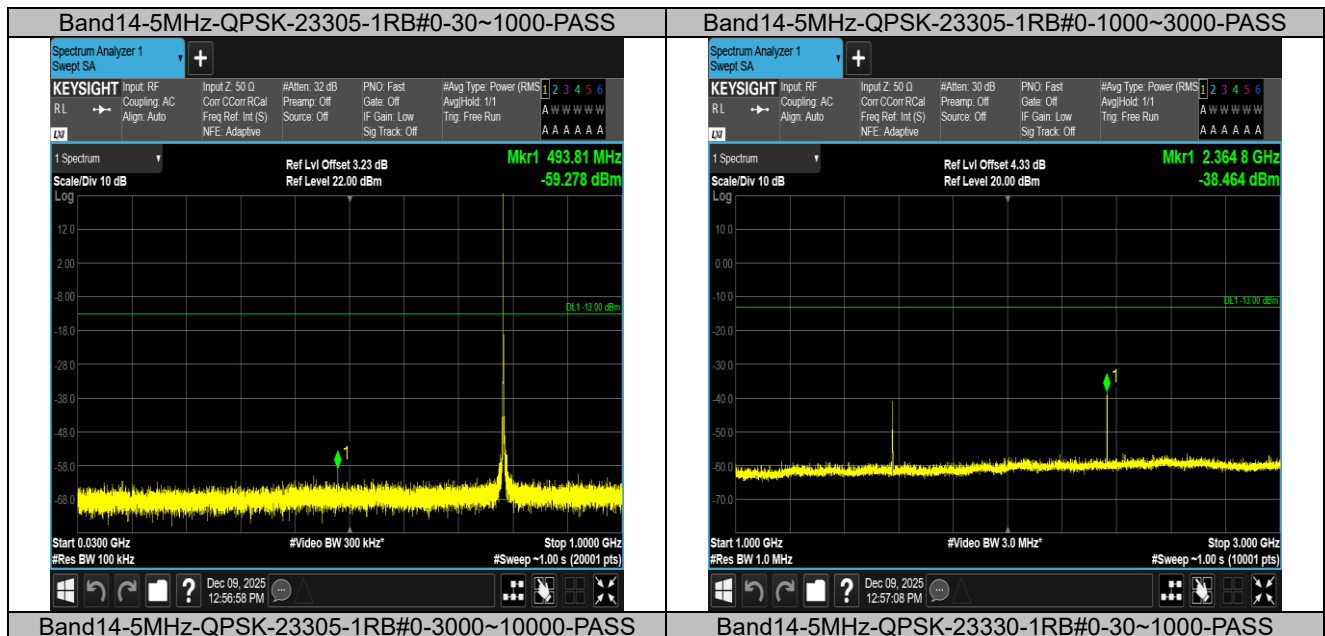


Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	30~1000	-59.28	PASS
Band14	5MHz	QPSK	23305	1RB#0	1000~3000	-38.46	PASS
Band14	5MHz	QPSK	23305	1RB#0	3000~10000	-51.40	PASS
Band14	5MHz	QPSK	23330	1RB#0	30~1000	-60.97	PASS
Band14	5MHz	QPSK	23330	1RB#0	1000~3000	-39.11	PASS
Band14	5MHz	QPSK	23330	1RB#0	3000~10000	-51.04	PASS
Band14	5MHz	QPSK	23355	1RB#0	30~1000	-60.91	PASS
Band14	5MHz	QPSK	23355	1RB#0	1000~3000	-39.15	PASS
Band14	5MHz	QPSK	23355	1RB#0	3000~10000	-51.20	PASS
Band14	10MHz	QPSK	23330	1RB#0	30~1000	-59.61	PASS
Band14	10MHz	QPSK	23330	1RB#0	1000~3000	-38.71	PASS
Band14	10MHz	QPSK	23330	1RB#0	3000~10000	-50.71	PASS

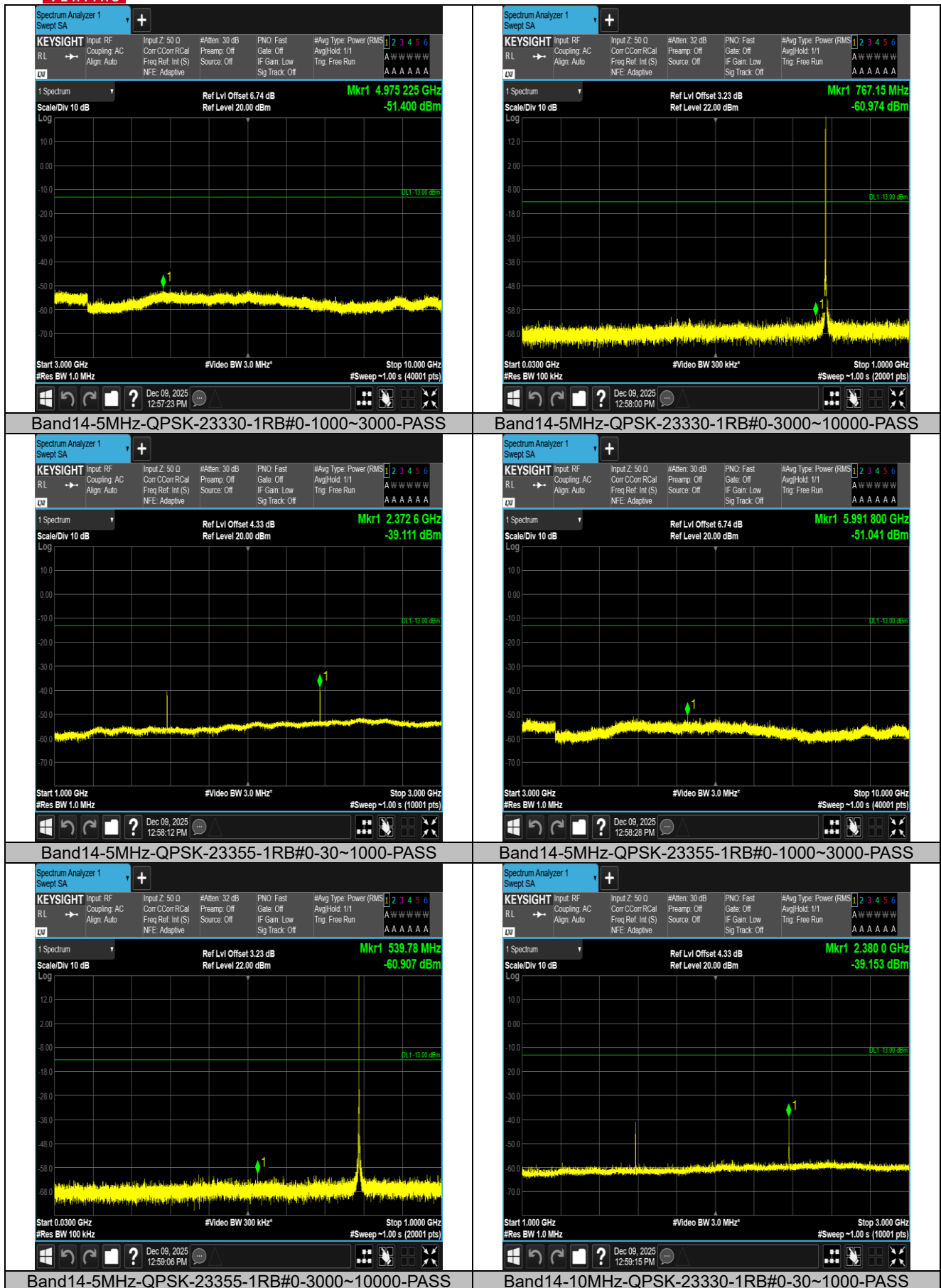
Test Graphs





BUREAU
VERITAS

Test Report No.: PSU-QBJ2512030110RF05



Huarui 7layers High Technology
(Suzhou) Co., Ltd.

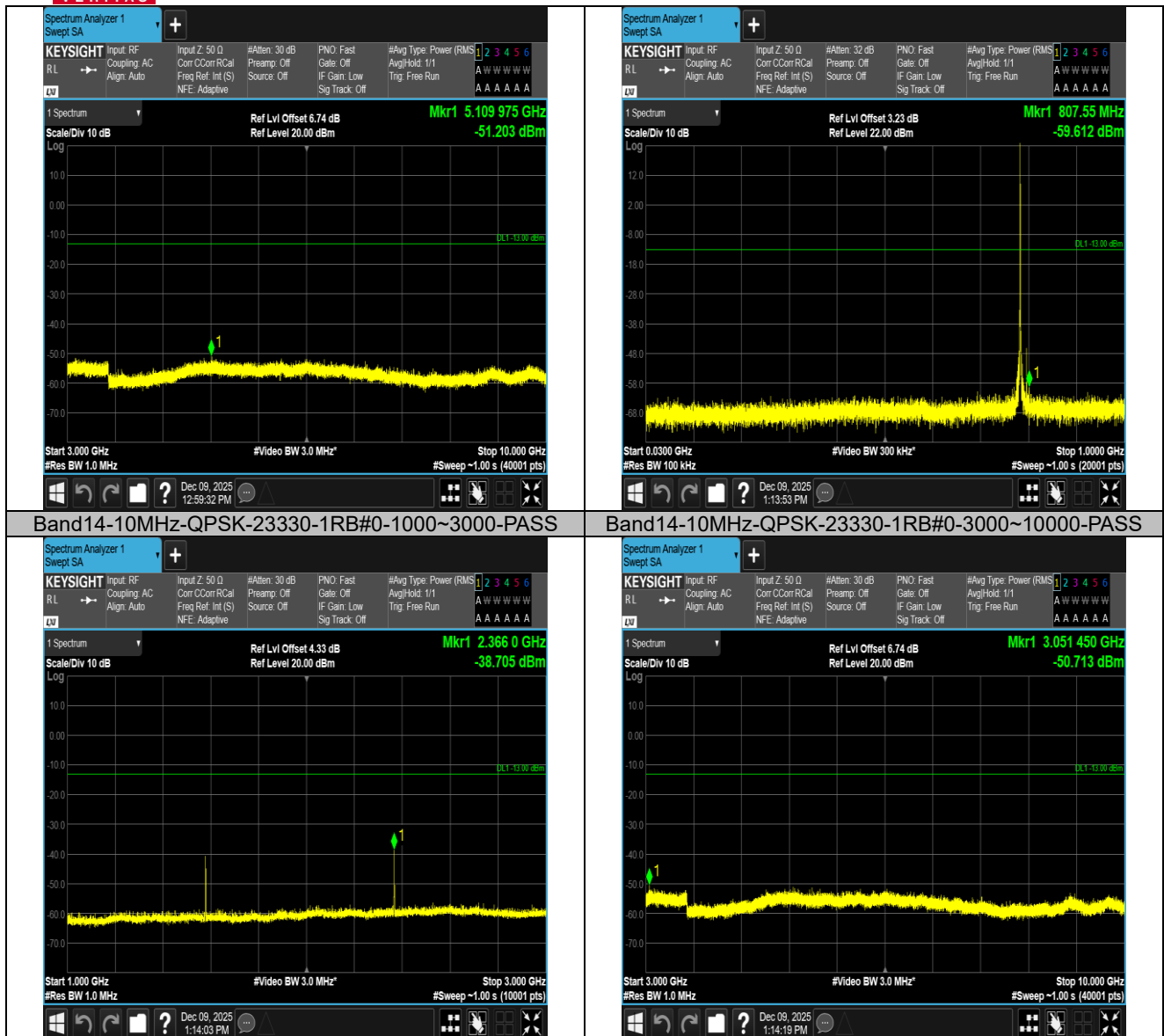
Tower N, Innovation Center, 88 Zuyi Road, High-tech
District, Suzhou City, Anhui Province, China

Tel: +86 (0557) 368 1008



BUREAU
VERITAS

Test Report No.: PSU-QBJ2512030110RF05



Huarui 7layers High Technology
(Suzhou) Co., Ltd.

Tower N, Innovation Center, 88 Zuyi Road, High-tech
District, Suzhou City, Anhui Province, China

Tel: +86 (0557) 368 1008



Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band14	5MHz	QPSK	23305	25RB#0	VN	NT	536.00	0.678052	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	VL	NT	1070.00	1.353574	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	VH	NT	1270.00	1.606578	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	VN	NT	-476.00	-0.598366	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	VL	NT	-457.00	-0.574481	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	VH	NT	-333.00	-0.418605	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band14	5MHz	QPSK	23305	25RB#0	NV	-30	175.00	0.221379	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	-20	-357.00	-0.451613	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	-10	-90.00	-0.113852	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	0	269.00	0.340291	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	10	187.00	0.236559	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	20	262.00	0.331436	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	30	200.00	0.253004	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	40	368.00	0.465528	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	NV	50	-680.00	-0.860215	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	-30	-401.00	-0.504085	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	-20	-332.00	-0.417348	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	-10	-209.00	-0.262728	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	0	-519.00	-0.652420	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	10	-254.00	-0.319296	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	20	-1280.00	-1.609051	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	30	-264.00	-0.331867	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	40	-418.00	-0.525456	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	50	-624.00	-0.784412	±2.5	PASS



LTE BAND 26(814-824)

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
26(814-824)	1.4MHz	QPSK	26697	1RB#0	3.70	13	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	4.52	13	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	3.95	13	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	4.72	13	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	3.52	13	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	4.22	13	PASS
26(814-824)	1.4MHz	64QAM	26697	1RB#0	5.57	13	PASS
26(814-824)	1.4MHz	64QAM	26697	6RB#0	6.12	13	PASS
26(814-824)	1.4MHz	64QAM	26740	1RB#0	5.84	13	PASS
26(814-824)	1.4MHz	64QAM	26740	6RB#0	6.23	13	PASS
26(814-824)	1.4MHz	64QAM	26783	1RB#0	5.37	13	PASS
26(814-824)	1.4MHz	64QAM	26783	6RB#0	5.84	13	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	4.70	13	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	5.45	13	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	4.94	13	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	5.68	13	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	4.48	13	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	5.17	13	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	3.68	13	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	4.70	13	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	3.96	13	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	4.76	13	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	3.70	13	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	4.38	13	PASS
26(814-824)	3MHz	64QAM	26705	1RB#0	5.55	13	PASS
26(814-824)	3MHz	64QAM	26705	15RB#0	6.20	13	PASS
26(814-824)	3MHz	64QAM	26740	1RB#0	5.88	13	PASS
26(814-824)	3MHz	64QAM	26740	15RB#0	6.25	13	PASS
26(814-824)	3MHz	64QAM	26775	1RB#0	5.60	13	PASS
26(814-824)	3MHz	64QAM	26775	15RB#0	5.96	13	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	4.67	13	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	5.62	13	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	5.01	13	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	5.70	13	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	4.71	13	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	5.32	13	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	3.76	13	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	4.83	13	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	3.98	13	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	4.77	13	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	3.91	13	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	4.53	13	PASS
26(814-824)	5MHz	64QAM	26715	1RB#0	5.62	13	PASS
26(814-824)	5MHz	64QAM	26715	25RB#0	6.32	13	PASS
26(814-824)	5MHz	64QAM	26740	1RB#0	5.86	13	PASS
26(814-824)	5MHz	64QAM	26740	25RB#0	6.23	13	PASS
26(814-824)	5MHz	64QAM	26765	1RB#0	5.79	13	PASS
26(814-824)	5MHz	64QAM	26765	25RB#0	6.05	13	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	4.72	13	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	5.75	13	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	4.92	13	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	5.70	13	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	4.89	13	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	5.48	13	PASS

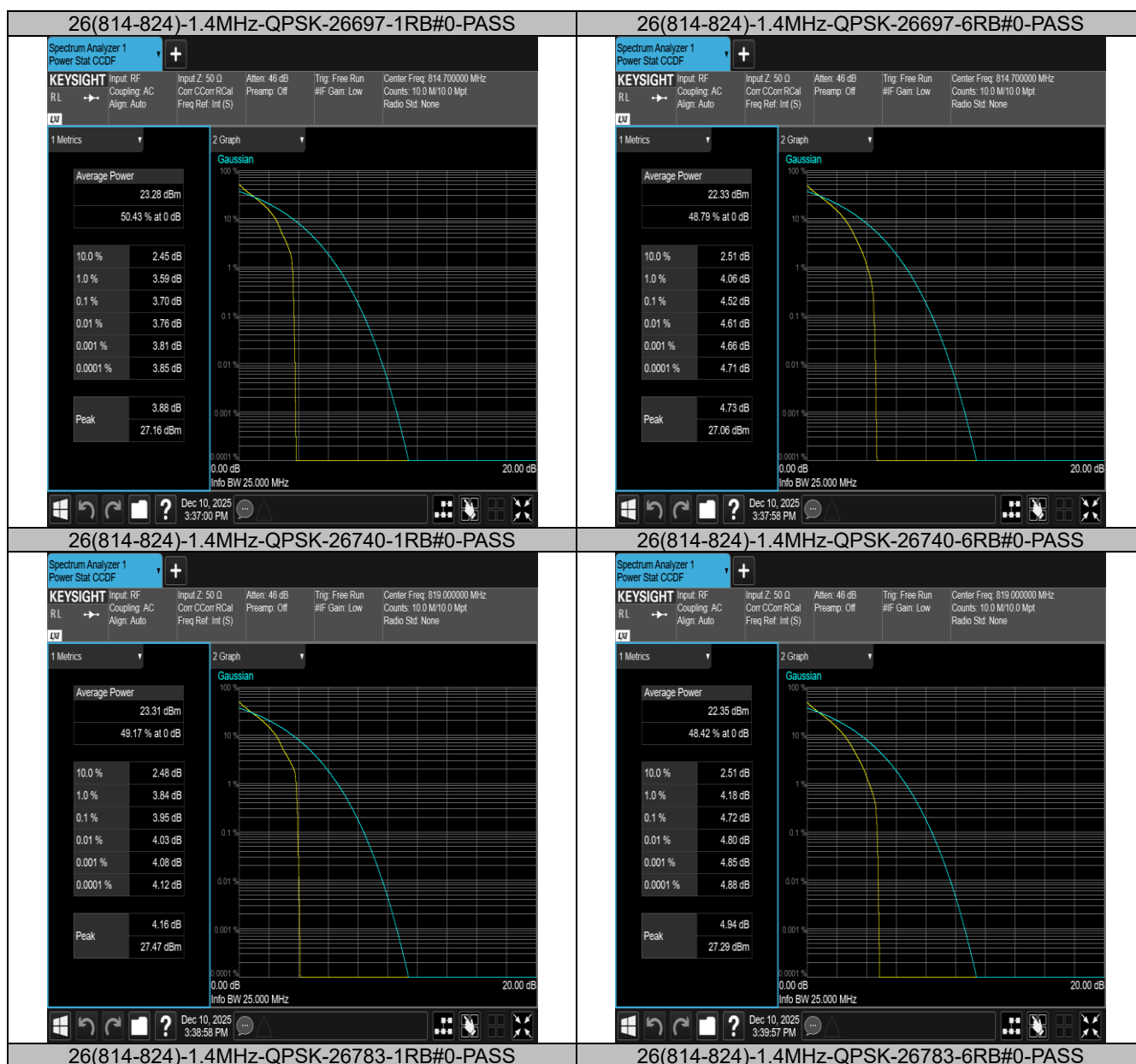


BUREAU VERITAS Test Report No.: PSU-QBJ2512030110RF05

26(814-824)	10MHz	QPSK	26740	1RB#0	3.82	13	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	4.78	13	PASS
26(814-824)	10MHz	64QAM	26740	1RB#0	5.69	13	PASS
26(814-824)	10MHz	64QAM	26740	50RB#0	6.19	13	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	4.79	13	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	5.68	13	PASS



Test Graphs





BUREAU
VERITAS

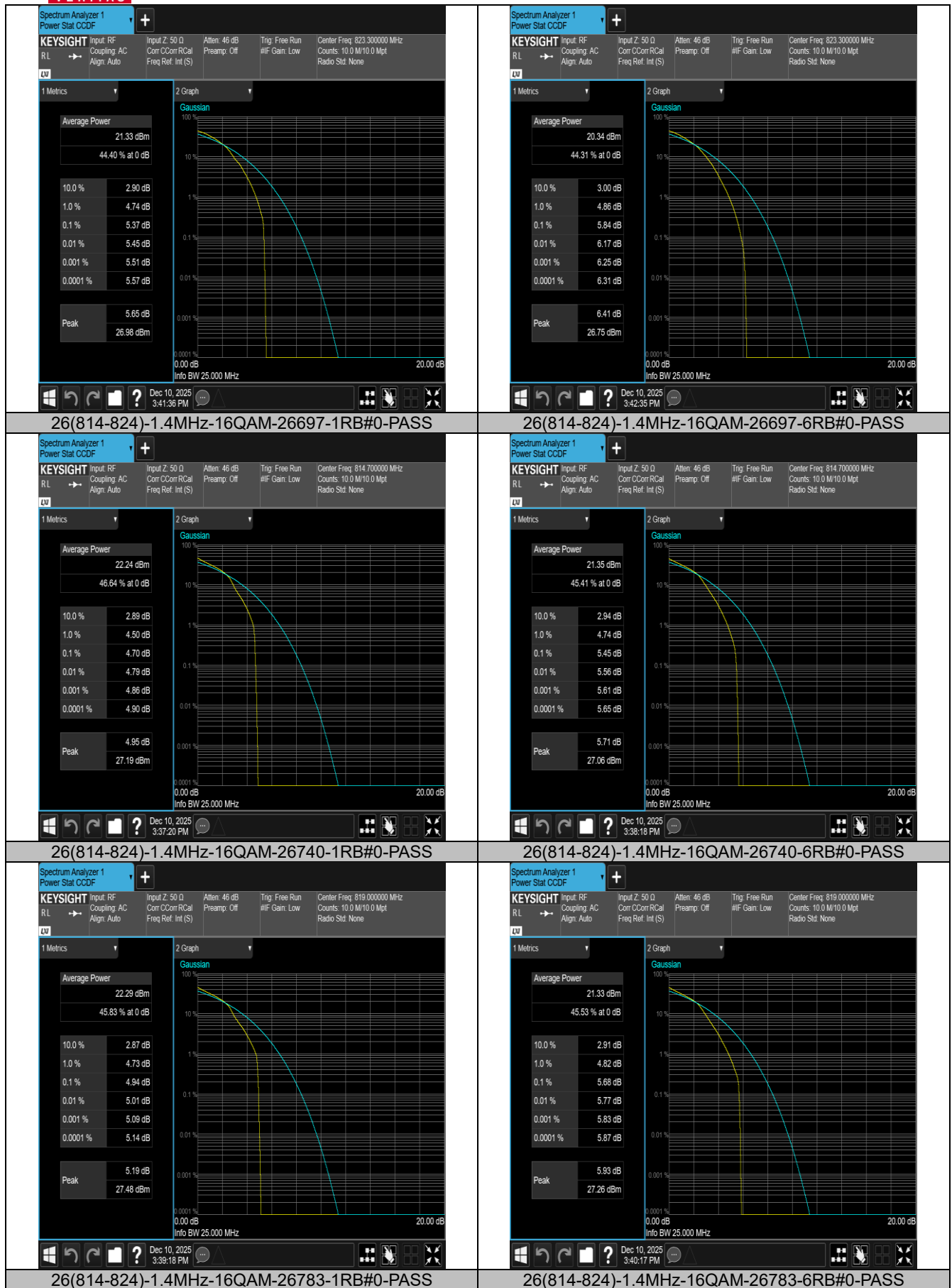
Test Report No.: PSU-QBJ2512030110RF05



Huarui 7layers High Technology
(Suzhou) Co., Ltd.

Tower N, Innovation Center, 88 Zuyi Road, High-tech
District, Suzhou City, Anhui Province, China

Tel: +86 (0557) 368 1008





BUREAU
VERITAS

Test Report No.: PSU-QBJ2512030110RF05



Huarui 7layers High Technology
(Suzhou) Co., Ltd.

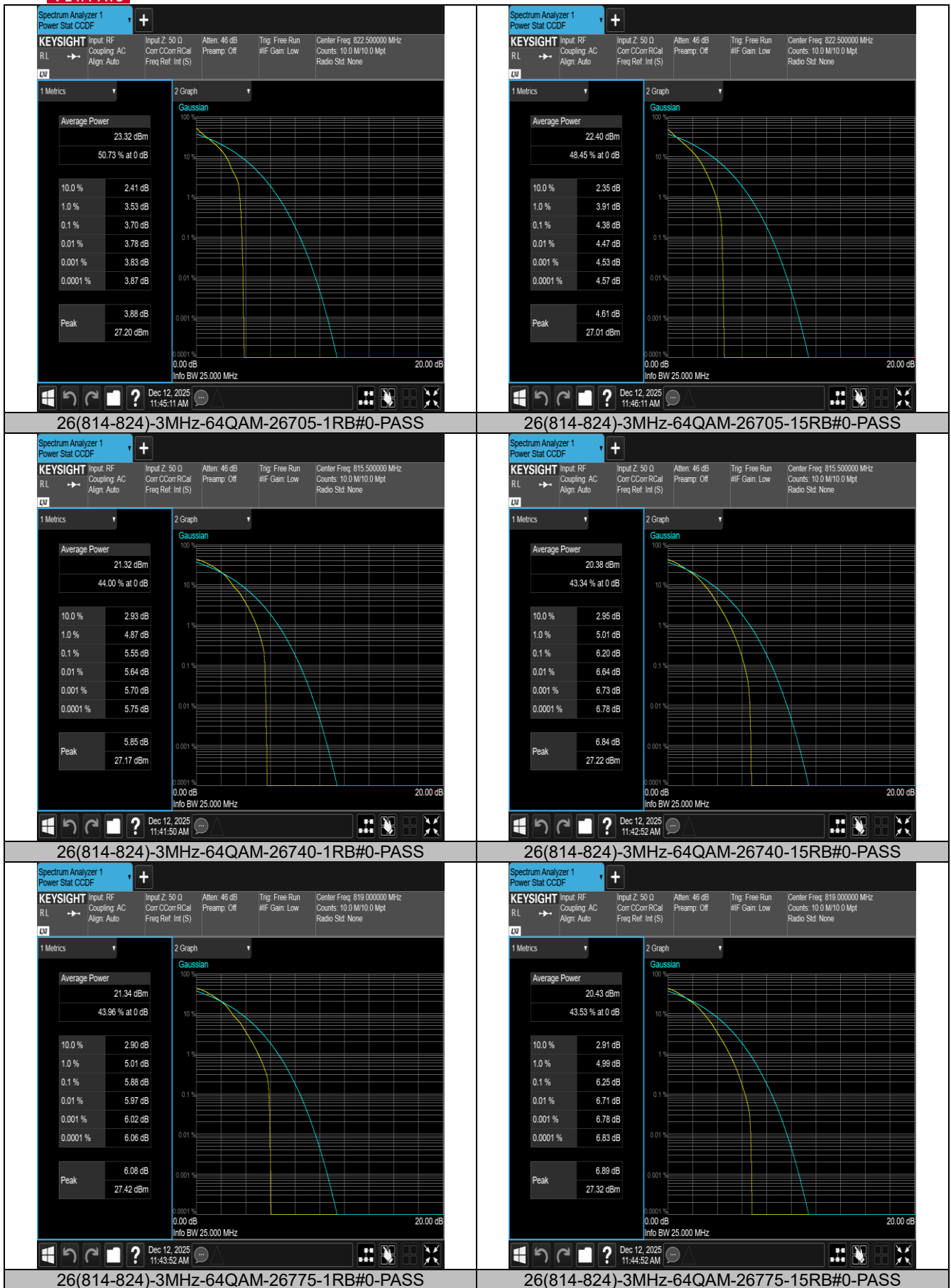
Tower N, Innovation Center, 88 Zuyi Road, High-tech
District, Suzhou City, Anhui Province, China

Tel: +86 (0557) 368 1008



BUREAU
VERITAS

Test Report No.: PSU-QBJ2512030110RF05



Huarui 7layers High Technology
(Suzhou) Co., Ltd.

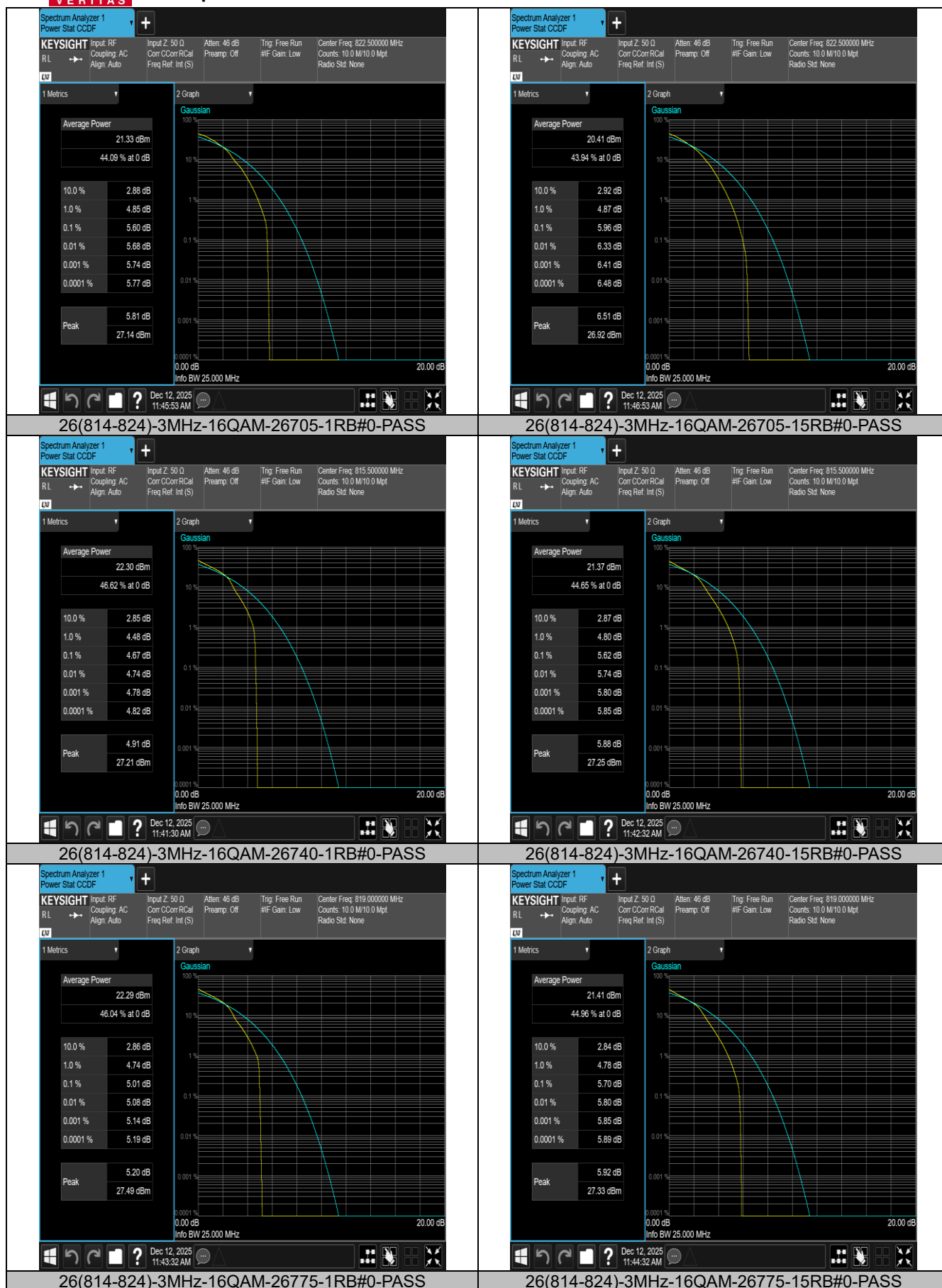
Tower N, Innovation Center, 88 Zuyi Road, High-tech
District, Suzhou City, Anhui Province, China

Tel: +86 (0557) 368 1008



BUREAU
VERITAS

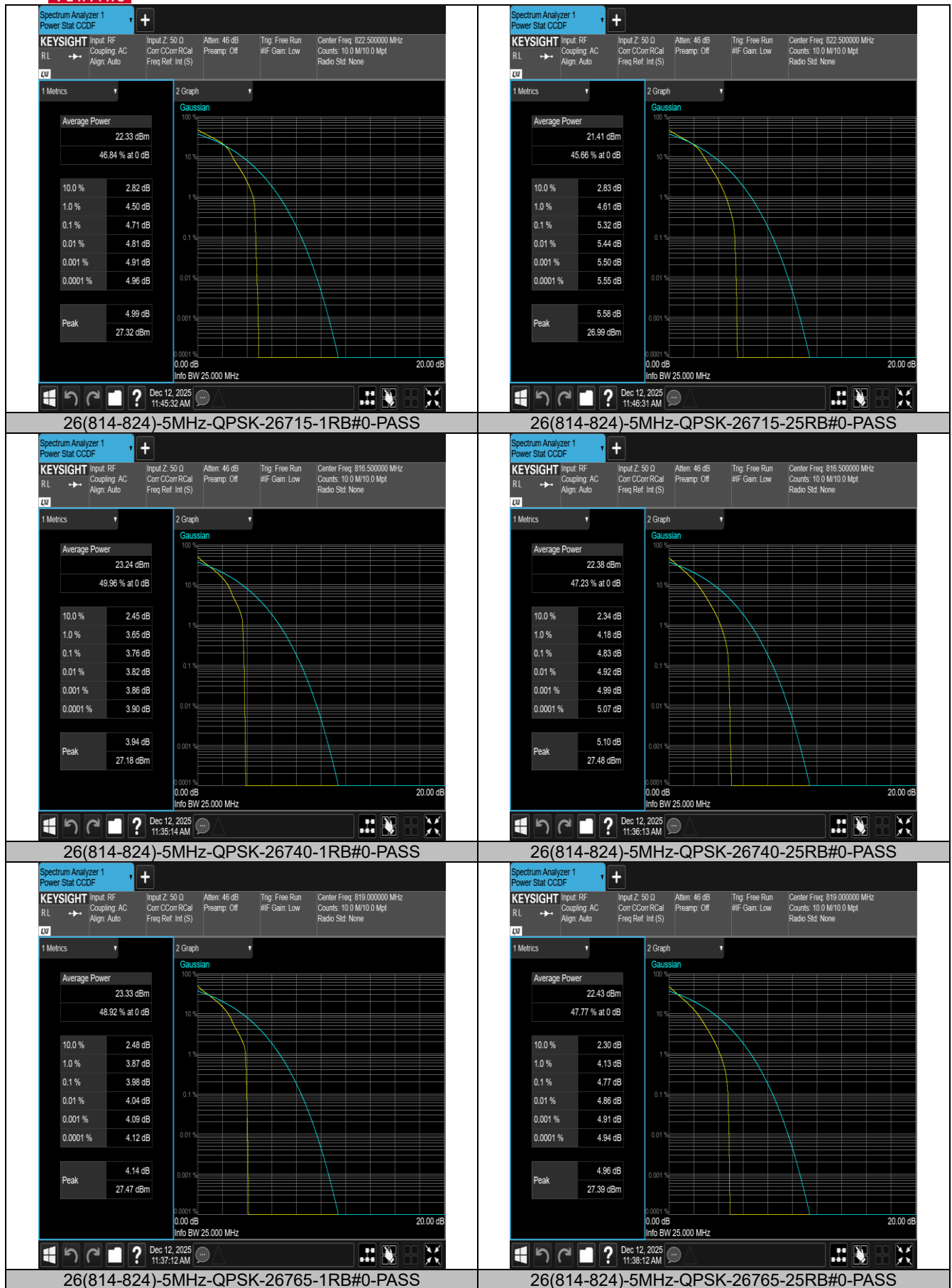
Test Report No.: PSU-QBJ2512030110RF05



Huarui 7layers High Technology
(Suzhou) Co., Ltd.

Tower N, Innovation Center, 88 Zuyi Road, High-tech
District, Suzhou City, Anhui Province, China

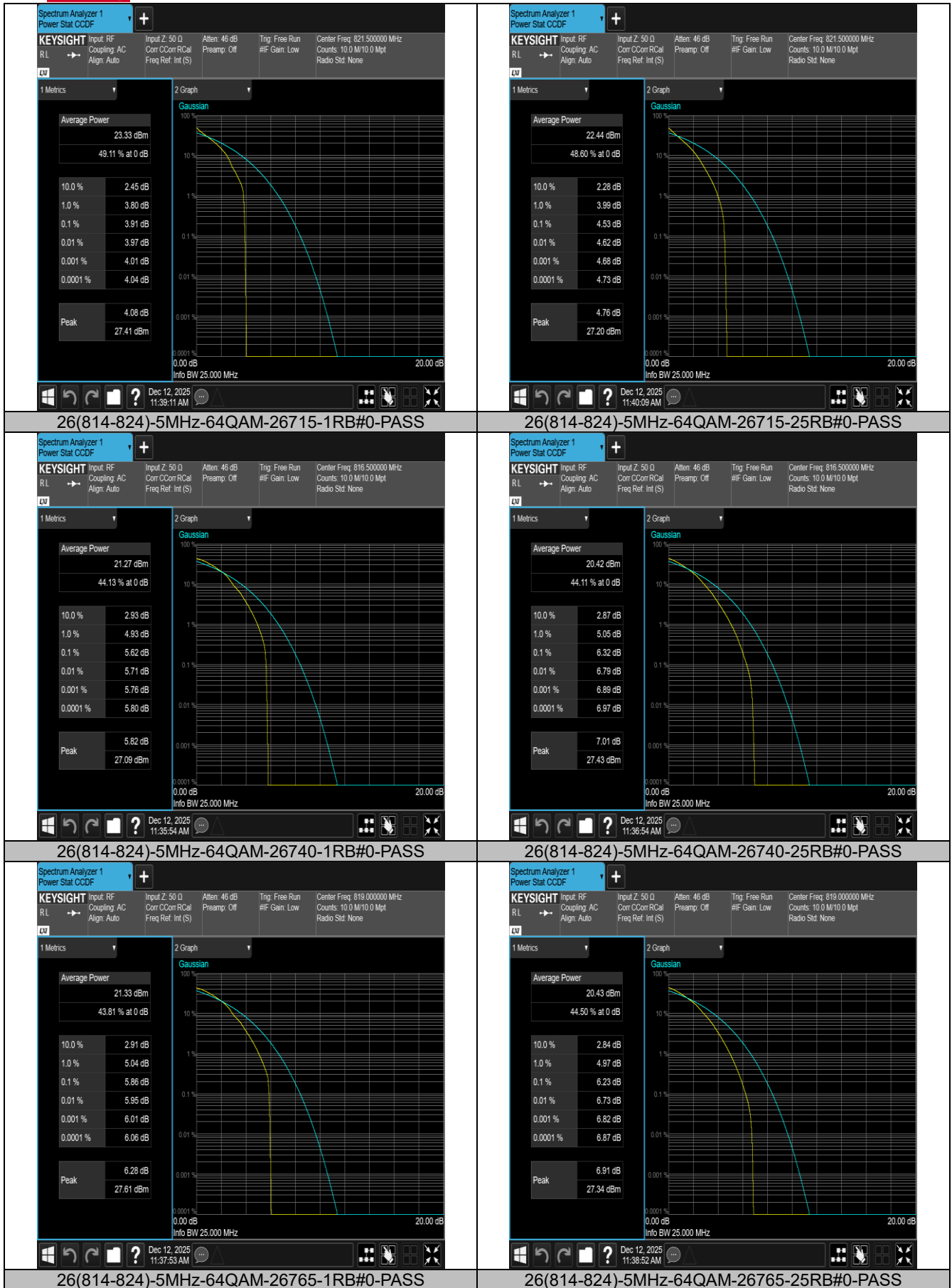
Tel: +86 (0557) 368 1008





BUREAU
VERITAS

Test Report No.: PSU-QBJ2512030110RF05



Huarui 7layers High Technology
(Suzhou) Co., Ltd.

Tower N, Innovation Center, 88 Zuyi Road, High-tech
District, Suzhou City, Anhui Province, China

Tel: +86 (0557) 368 1008