



**APPENDIX : CONDUCTED SPURIOUS EMISSION**

**Test Result**

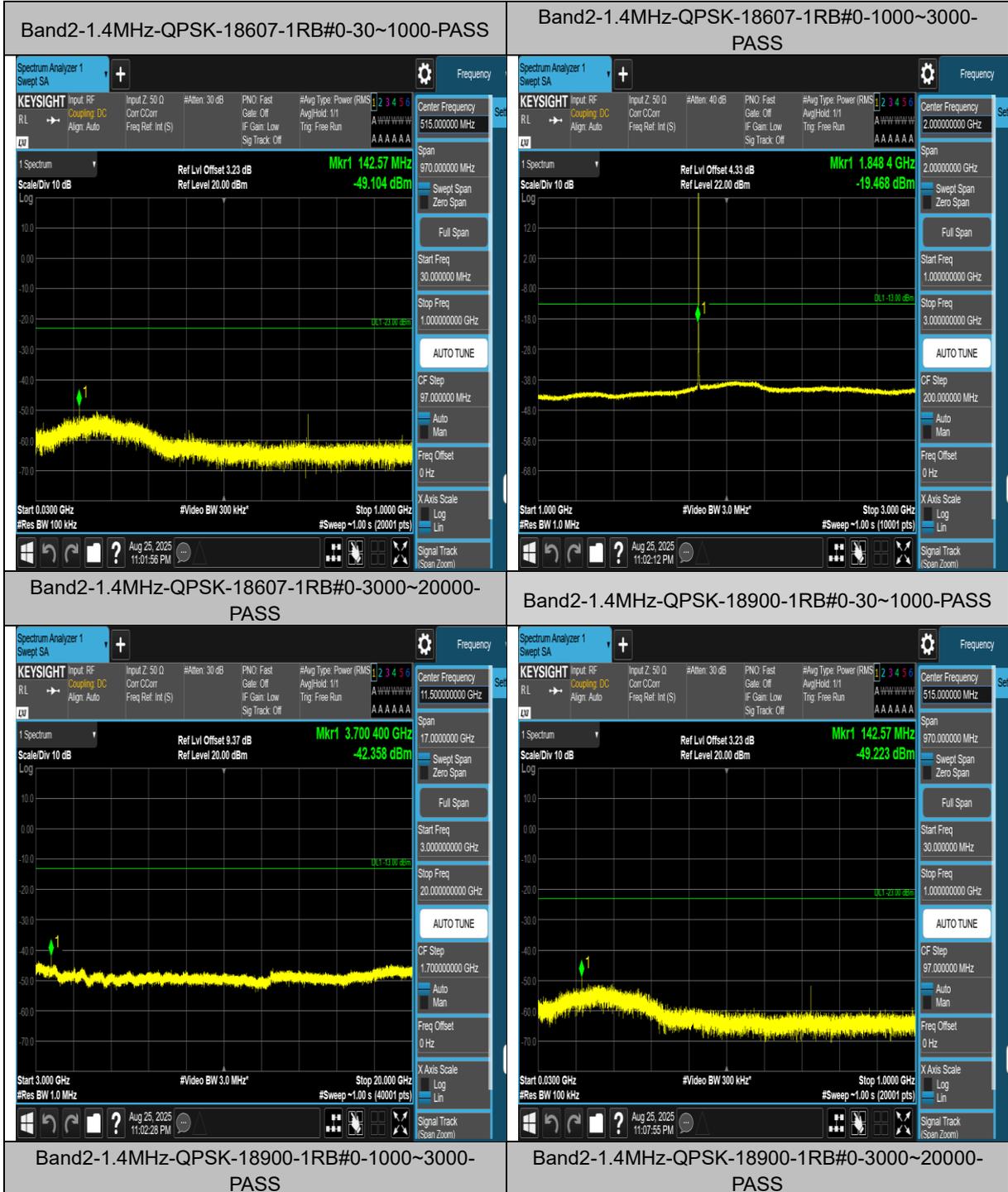
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	30~1000	-49.10	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	1000~3000	-19.47	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	3000~20000	-42.36	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	30~1000	-49.22	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	1000~3000	-38.47	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	3000~20000	-42.59	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	30~1000	-49.59	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	1000~3000	-33.70	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3000~20000	-41.82	PASS
Band2	3MHz	QPSK	18615	1RB#0	30~1000	-48.29	PASS
Band2	3MHz	QPSK	18615	1RB#0	1000~3000	-19.78	PASS
Band2	3MHz	QPSK	18615	1RB#0	3000~20000	-40.35	PASS
Band2	3MHz	QPSK	18900	1RB#0	30~1000	-49.60	PASS
Band2	3MHz	QPSK	18900	1RB#0	1000~3000	-38.36	PASS
Band2	3MHz	QPSK	18900	1RB#0	3000~20000	-42.21	PASS
Band2	3MHz	QPSK	19185	1RB#0	30~1000	-48.65	PASS
Band2	3MHz	QPSK	19185	1RB#0	1000~3000	-30.08	PASS
Band2	3MHz	QPSK	19185	1RB#0	3000~20000	-42.96	PASS
Band2	5MHz	QPSK	18625	1RB#0	30~1000	-48.36	PASS
Band2	5MHz	QPSK	18625	1RB#0	1000~3000	-22.86	PASS
Band2	5MHz	QPSK	18625	1RB#0	3000~20000	-42.47	PASS
Band2	5MHz	QPSK	18900	1RB#0	30~1000	-48.54	PASS
Band2	5MHz	QPSK	18900	1RB#0	1000~3000	-38.03	PASS
Band2	5MHz	QPSK	18900	1RB#0	3000~20000	-41.60	PASS
Band2	5MHz	QPSK	19175	1RB#0	30~1000	-48.84	PASS
Band2	5MHz	QPSK	19175	1RB#0	1000~3000	-29.98	PASS
Band2	5MHz	QPSK	19175	1RB#0	3000~20000	-41.84	PASS
Band2	10MHz	QPSK	18650	1RB#0	30~1000	-48.61	PASS
Band2	10MHz	QPSK	18650	1RB#0	1000~3000	-29.12	PASS
Band2	10MHz	QPSK	18650	1RB#0	3000~20000	-44.19	PASS
Band2	10MHz	QPSK	18900	1RB#0	30~1000	-48.59	PASS
Band2	10MHz	QPSK	18900	1RB#0	1000~3000	-38.34	PASS
Band2	10MHz	QPSK	18900	1RB#0	3000~20000	-43.22	PASS
Band2	10MHz	QPSK	19150	1RB#0	30~1000	-49.93	PASS
Band2	10MHz	QPSK	19150	1RB#0	1000~3000	-29.93	PASS
Band2	10MHz	QPSK	19150	1RB#0	3000~20000	-43.99	PASS
Band2	15MHz	QPSK	18675	1RB#0	30~1000	-49.61	PASS
Band2	15MHz	QPSK	18675	1RB#0	1000~3000	-30.49	PASS
Band2	15MHz	QPSK	18675	1RB#0	3000~20000	-44.02	PASS
Band2	15MHz	QPSK	18900	1RB#0	30~1000	-47.25	PASS
Band2	15MHz	QPSK	18900	1RB#0	1000~3000	-35.73	PASS
Band2	15MHz	QPSK	18900	1RB#0	3000~20000	-43.59	PASS
Band2	15MHz	QPSK	19125	1RB#0	30~1000	-47.91	PASS
Band2	15MHz	QPSK	19125	1RB#0	1000~3000	-31.77	PASS
Band2	15MHz	QPSK	19125	1RB#0	3000~20000	-43.68	PASS
Band2	20MHz	QPSK	18700	1RB#0	30~1000	-49.50	PASS
Band2	20MHz	QPSK	18700	1RB#0	1000~3000	-30.49	PASS
Band2	20MHz	QPSK	18700	1RB#0	3000~20000	-34.05	PASS
Band2	20MHz	QPSK	18900	1RB#0	30~1000	-50.20	PASS



**BUREAU VERITAS** Test Report No.: PSU-QBJ2508070215RF02

Band2	20MHz	QPSK	18900	1RB#0	1000~3000	-38.29	PASS
Band2	20MHz	QPSK	18900	1RB#0	3000~20000	-35.48	PASS
Band2	20MHz	QPSK	19100	1RB#0	30~1000	-48.80	PASS
Band2	20MHz	QPSK	19100	1RB#0	1000~3000	-37.38	PASS
Band2	20MHz	QPSK	19100	1RB#0	3000~20000	-34.73	PASS

**Test Graphs**



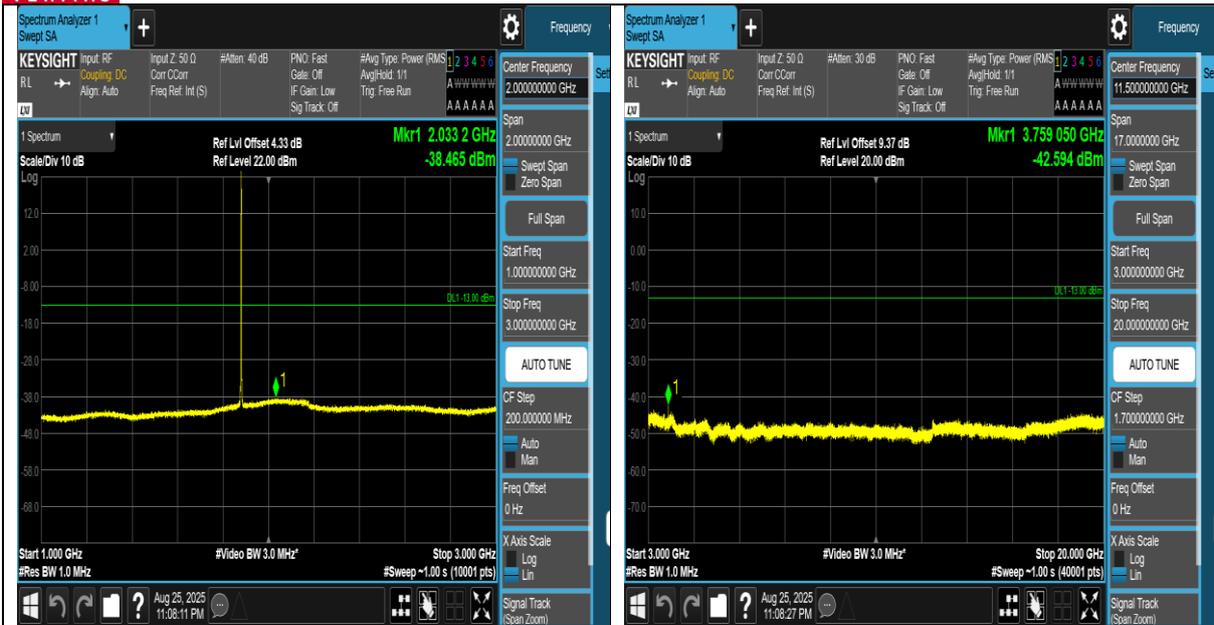
Huarui 7layers High Technology (Suzhou) Co., Ltd.

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

Tel: +86 (0557) 368 1008

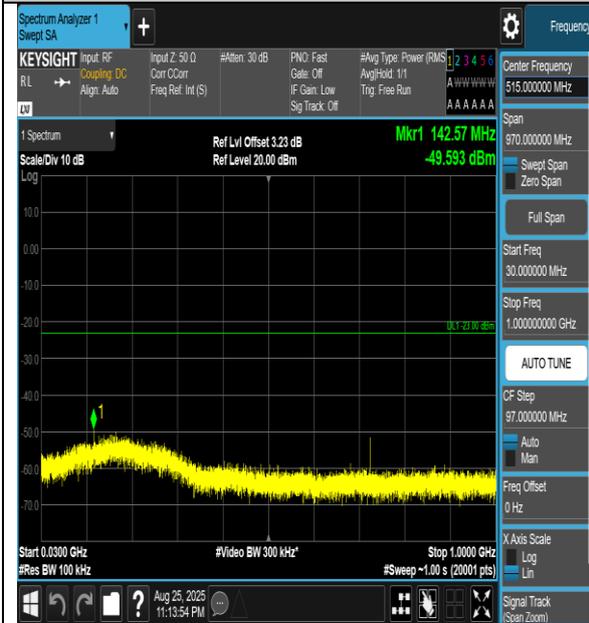


**BUREAU VERITAS** Test Report No.: PSU-QBJ2508070215RF02



Band2-1.4MHz-QPSK-19193-1RB#0-30~1000-PASS

Band2-1.4MHz-QPSK-19193-1RB#0-1000~3000-PASS



Band2-1.4MHz-QPSK-19193-1RB#0-3000~20000-PASS



Band2-3MHz-QPSK-18615-1RB#0-30~1000-PASS

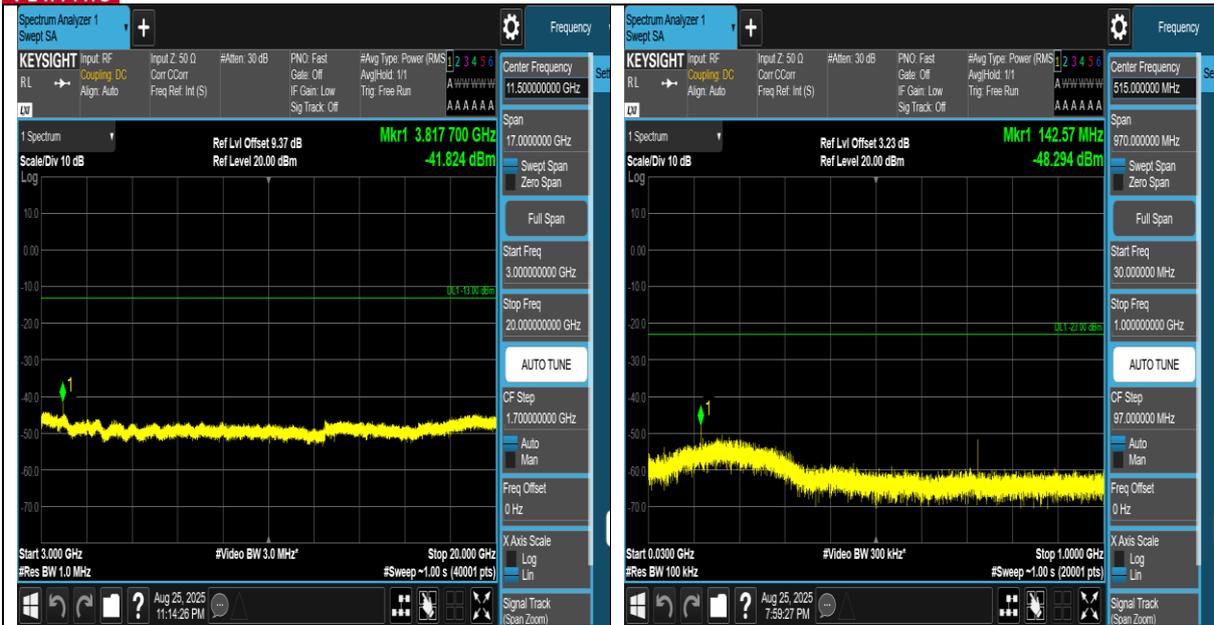
Huarui 7layers High Technology (Suzhou) Co., Ltd.

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

Tel: +86 (0557) 368 1008

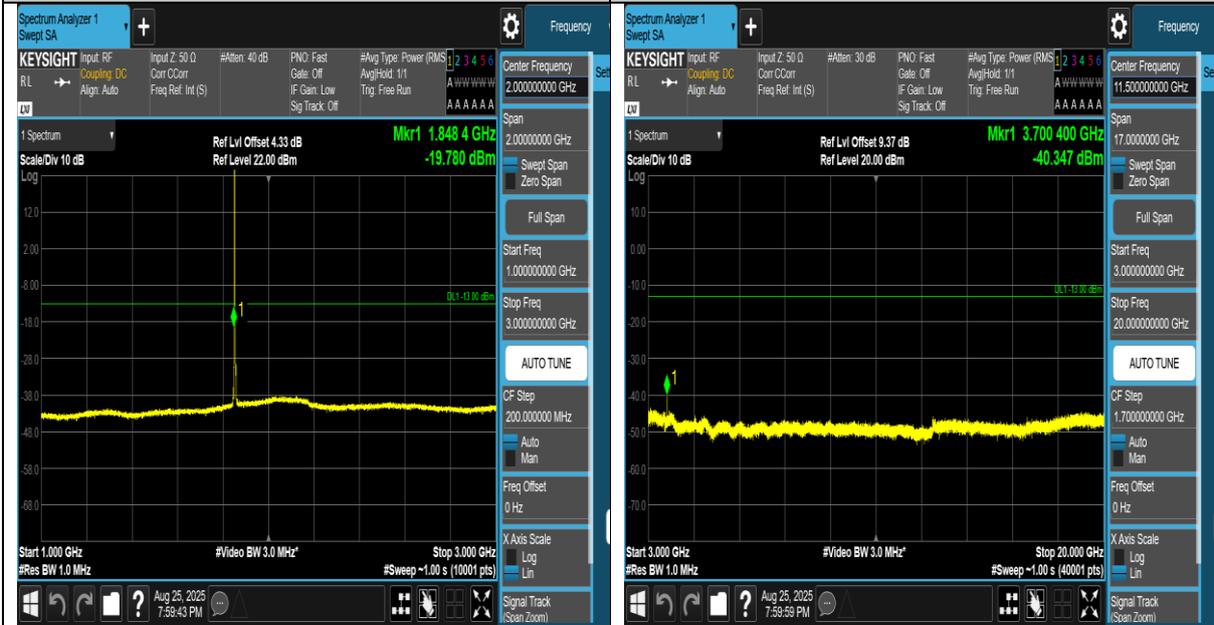


**BUREAU VERITAS** Test Report No.: PSU-QBJ2508070215RF02



Band2-3MHz-QPSK-18615-1RB#0-1000~3000-PASS

Band2-3MHz-QPSK-18615-1RB#0-3000~20000-PASS



Band2-3MHz-QPSK-18900-1RB#0-30~1000-PASS

Band2-3MHz-QPSK-18900-1RB#0-1000~3000-PASS

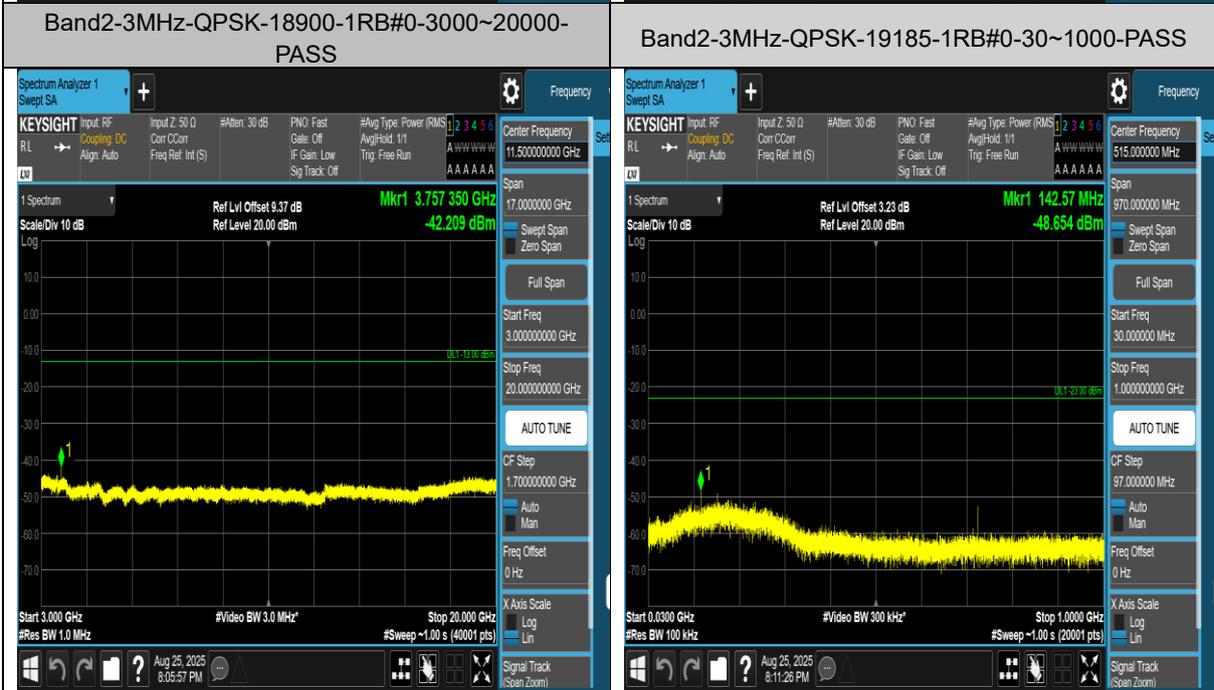
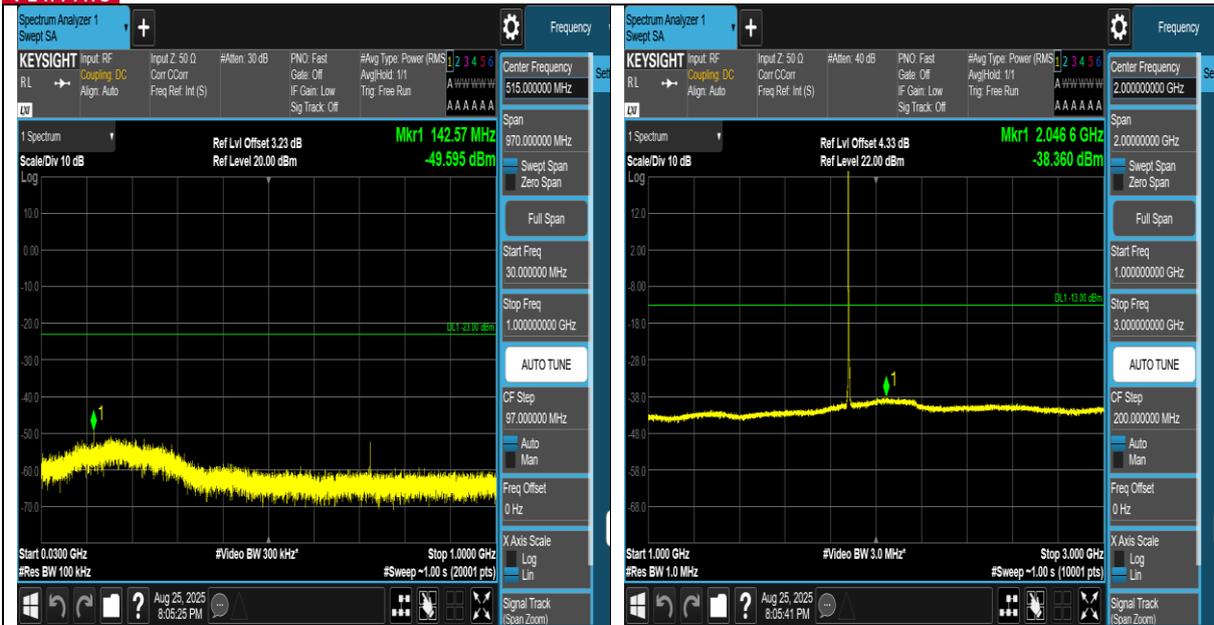
Huarui 7layers High Technology (Suzhou) Co., Ltd.

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-QBJ2508070215RF02



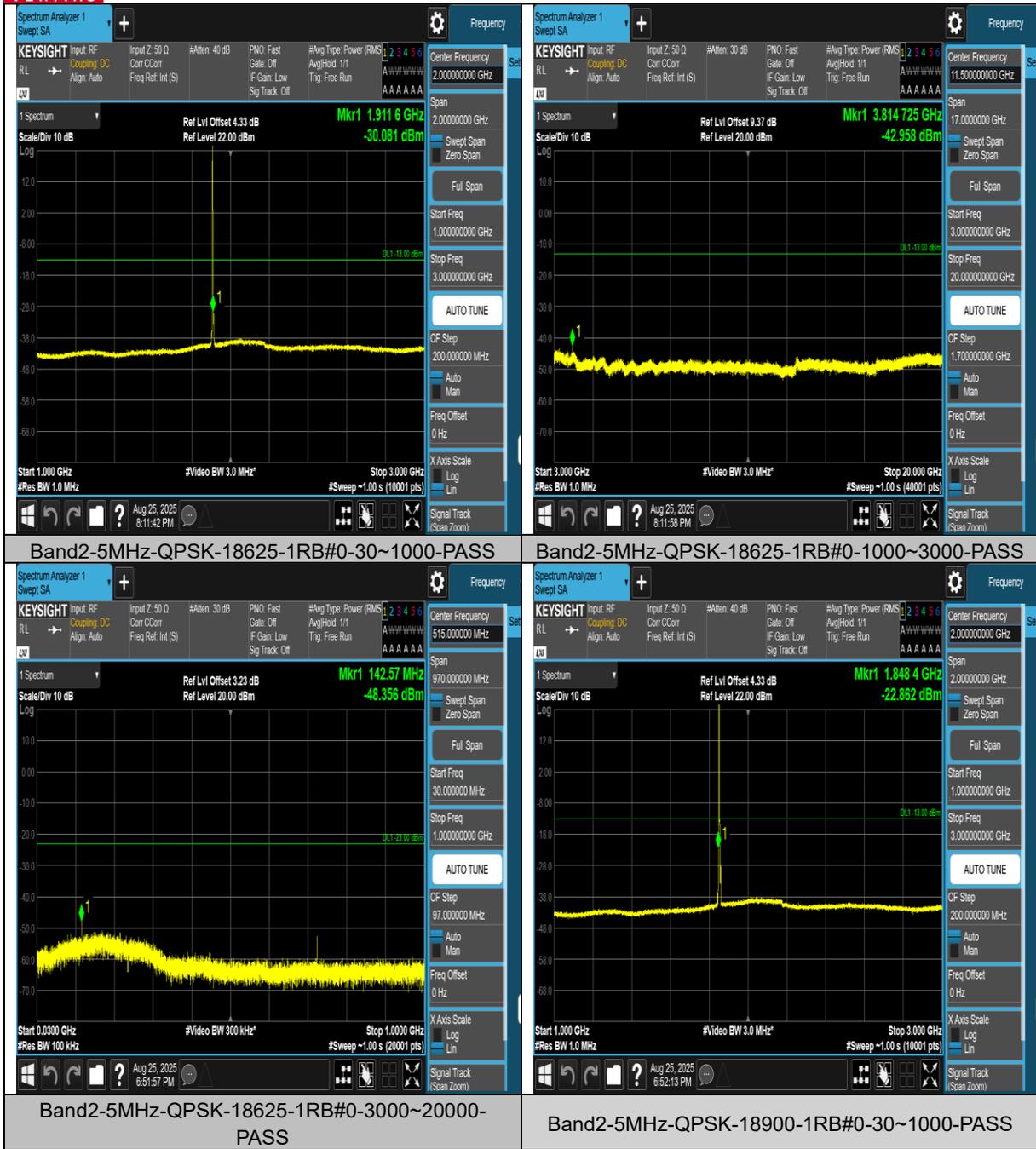
Huarui 7layers High Technology (Suzhou) Co., Ltd.

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-QBJ2508070215RF02



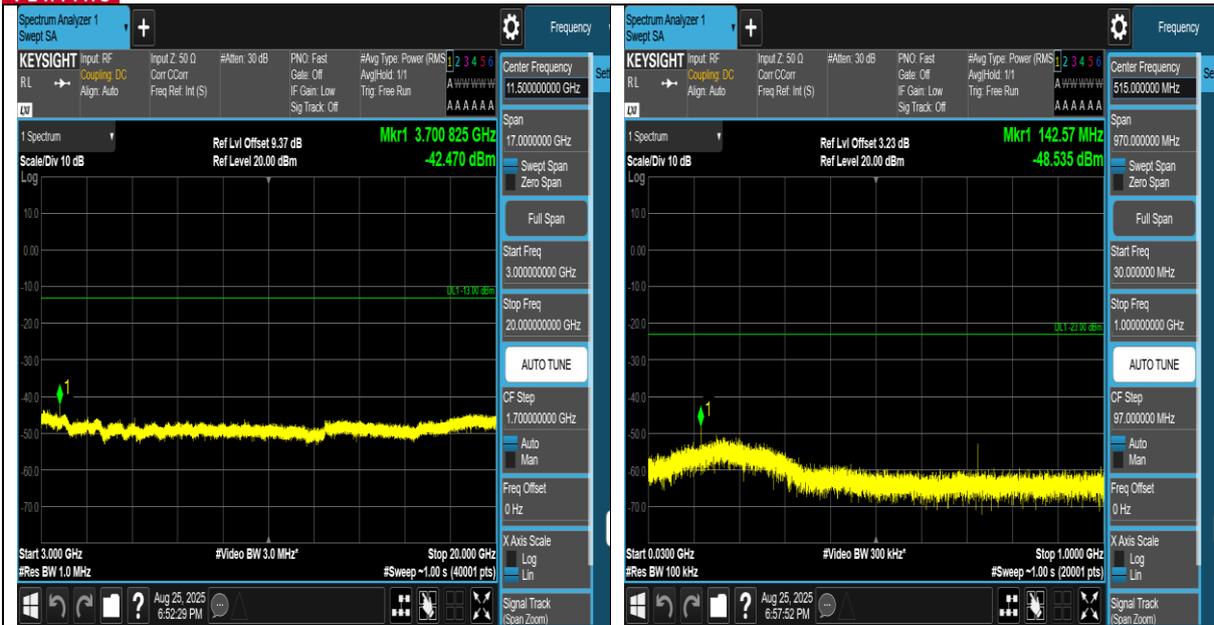
Huarui 7layers High Technology (Suzhou) Co., Ltd.

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

Tel: +86 (0557) 368 1008

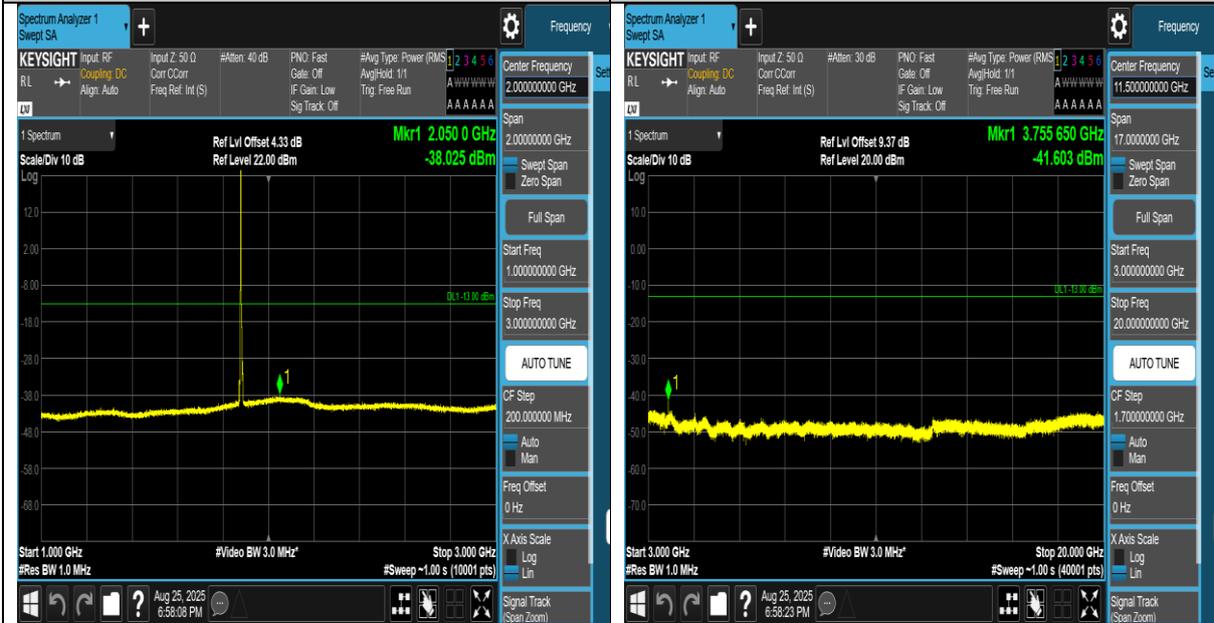


**BUREAU VERITAS** Test Report No.: PSU-QBJ2508070215RF02



Band2-5MHz-QPSK-18900-1RB#0-1000~3000-PASS

Band2-5MHz-QPSK-18900-1RB#0-3000~20000-PASS



Band2-5MHz-QPSK-19175-1RB#0-30~1000-PASS

Band2-5MHz-QPSK-19175-1RB#0-1000~3000-PASS

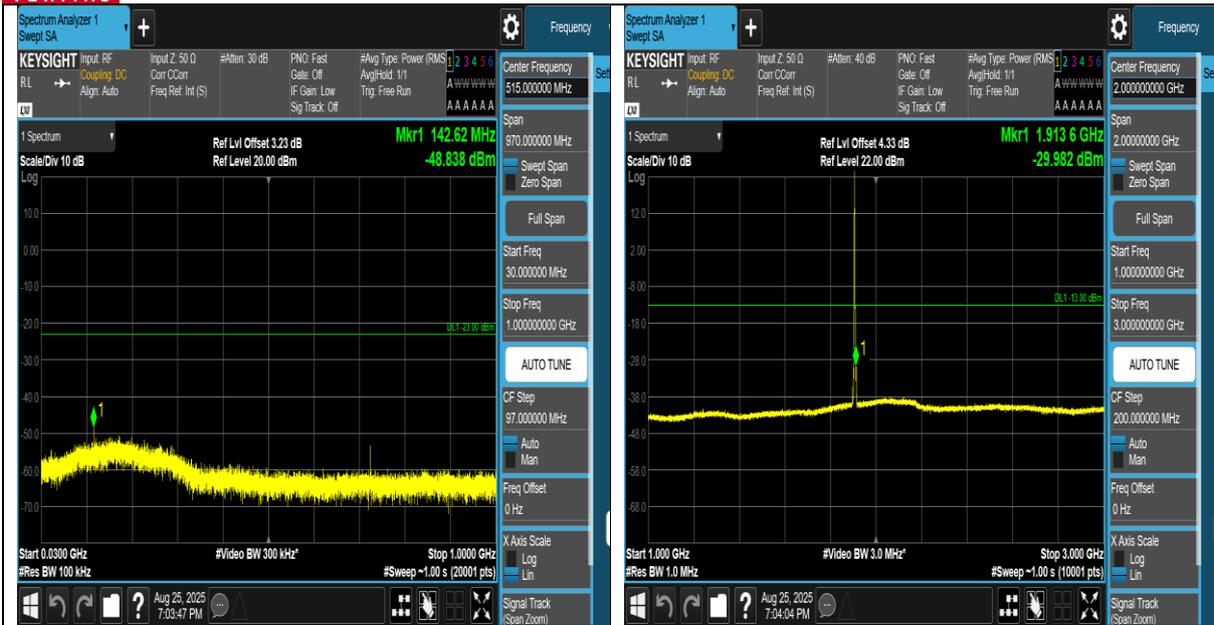
Huarui 7layers High Technology (Suzhou) Co., Ltd.

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

Tel: +86 (0557) 368 1008

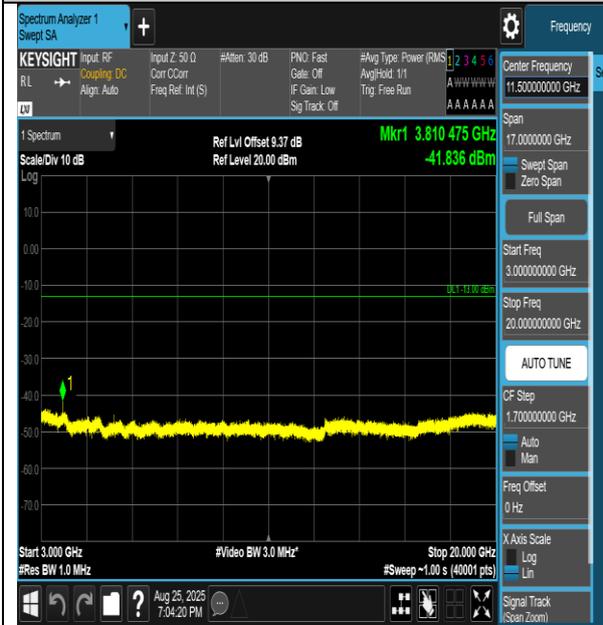


**BUREAU VERITAS** Test Report No.: PSU-QBJ2508070215RF02

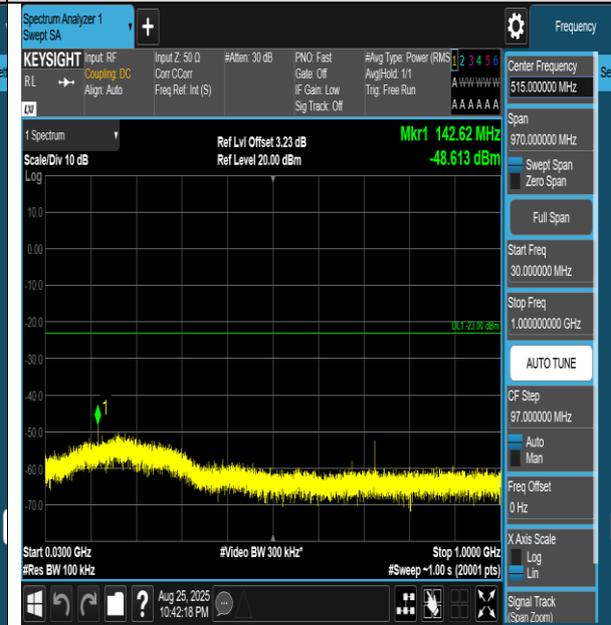


**Band2-5MHz-QPSK-19175-1RB#0-3000~20000-PASS**

**Band2-10MHz-QPSK-18650-1RB#0-30~1000-PASS**



**Band2-10MHz-QPSK-18650-1RB#0-1000~3000-PASS**



**Band2-10MHz-QPSK-18650-1RB#0-3000~20000-PASS**

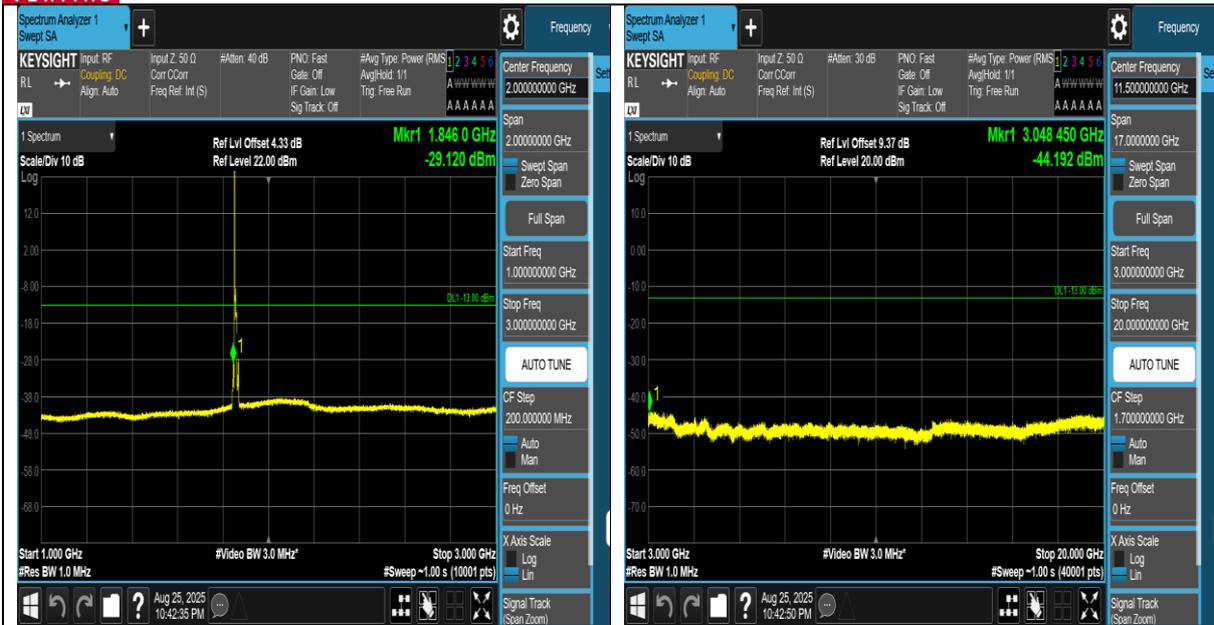
Huarui 7layers High Technology (Suzhou) Co., Ltd.

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

Tel: +86 (0557) 368 1008

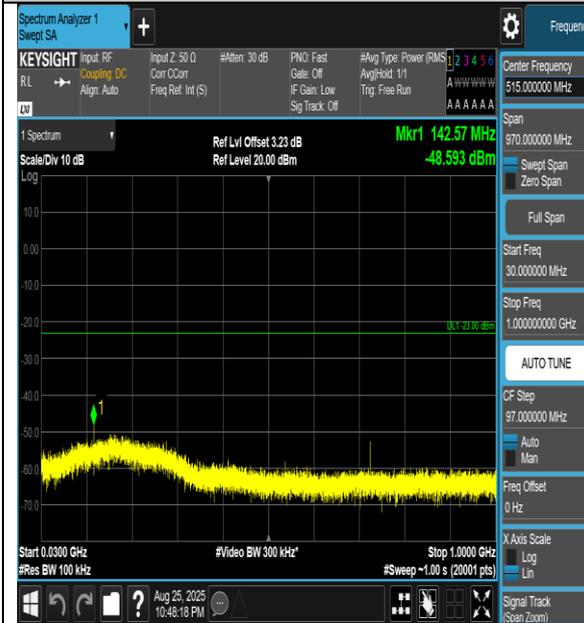


**BUREAU VERITAS** Test Report No.: PSU-QBJ2508070215RF02

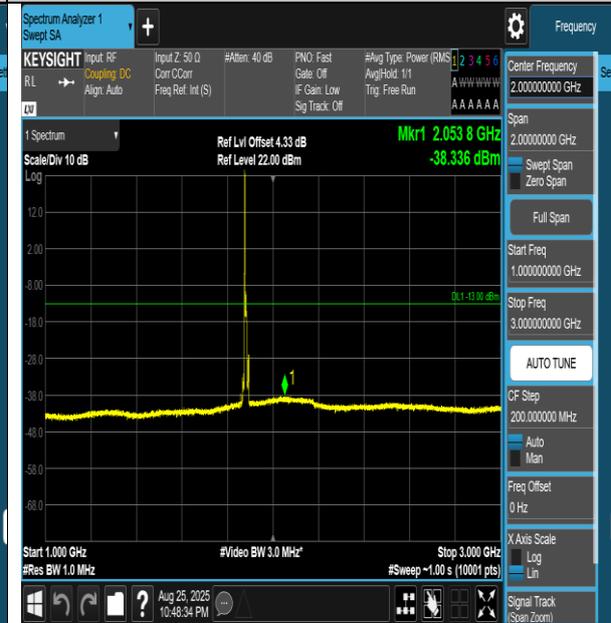


Band2-10MHz-QPSK-18900-1RB#0-30~1000-PASS

Band2-10MHz-QPSK-18900-1RB#0-1000~3000-PASS



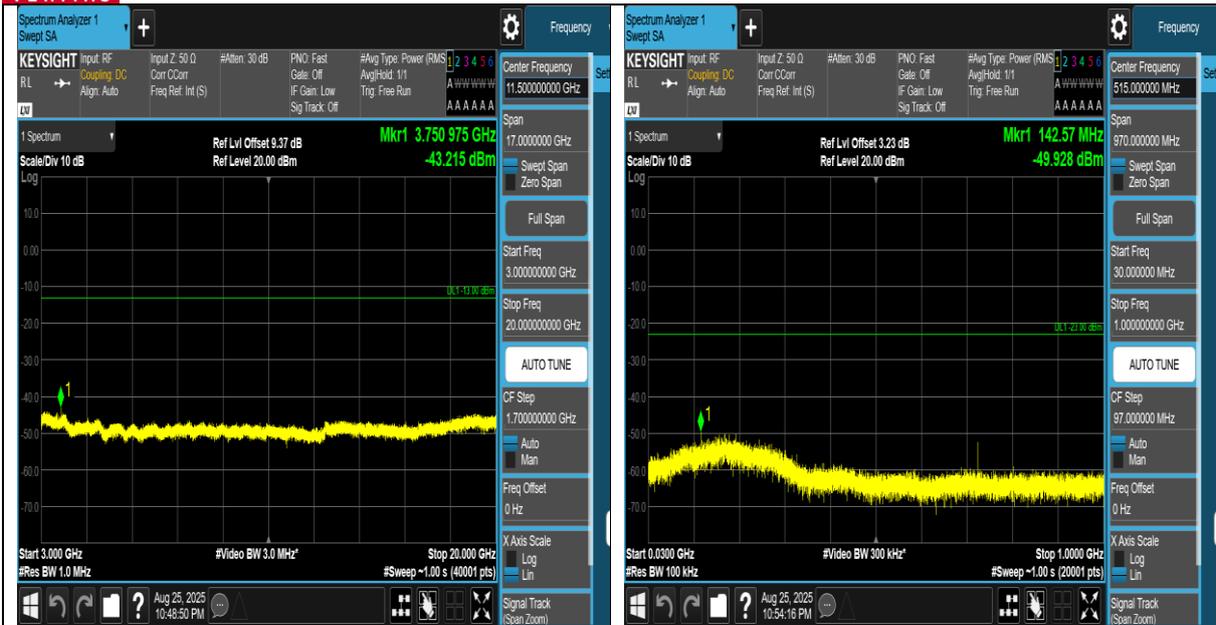
Band2-10MHz-QPSK-18900-1RB#0-3000~20000-PASS



Band2-10MHz-QPSK-19150-1RB#0-30~1000-PASS

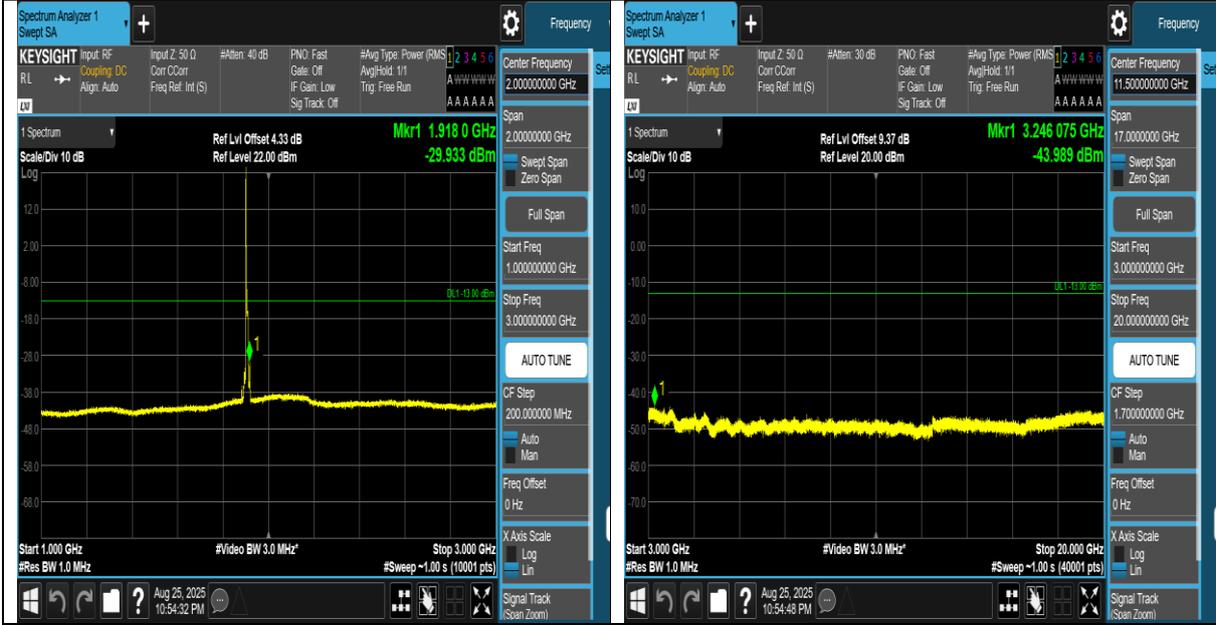


**BUREAU VERITAS** Test Report No.: PSU-QBJ2508070215RF02



Band2-10MHz-QPSK-19150-1RB#0-1000~3000-PASS

Band2-10MHz-QPSK-19150-1RB#0-3000~20000-PASS



Band2-15MHz-QPSK-18675-1RB#0-30~1000-PASS

Band2-15MHz-QPSK-18675-1RB#0-1000~3000-PASS

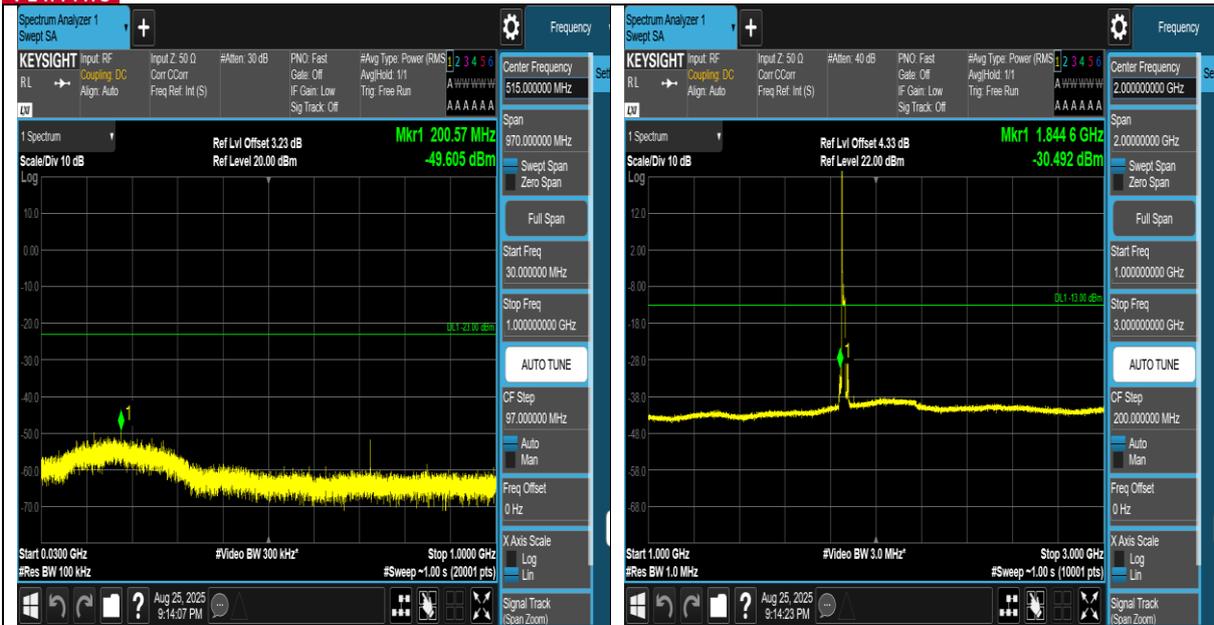
Huarui 7layers High Technology (Suzhou) Co., Ltd.

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

Tel: +86 (0557) 368 1008

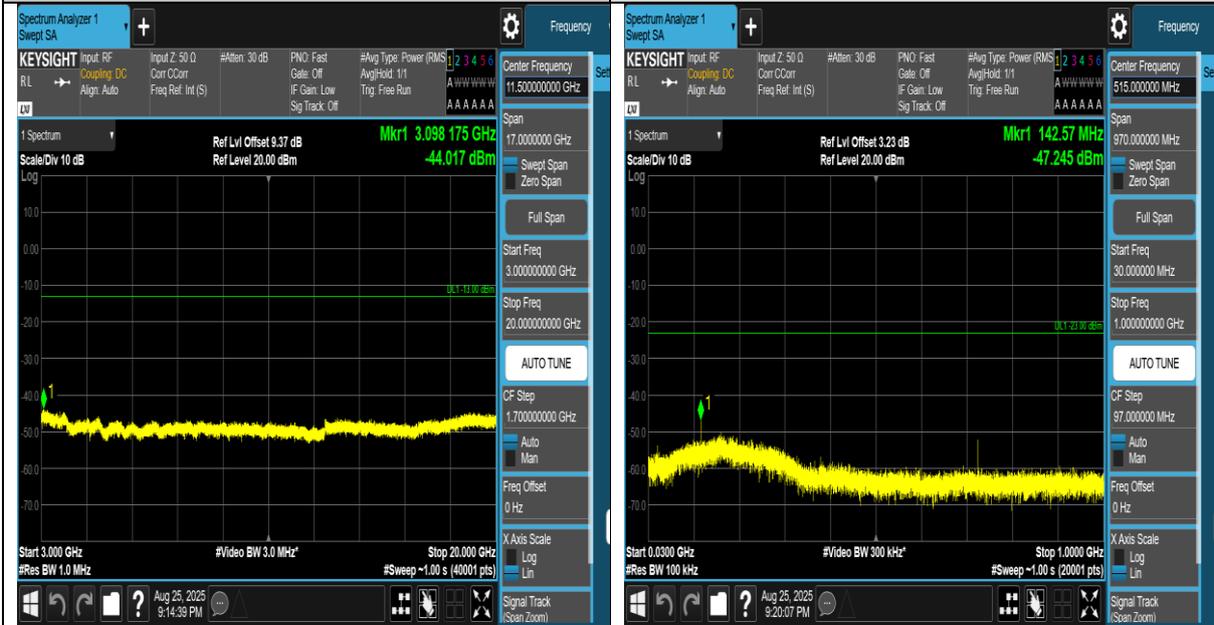


**BUREAU VERITAS** Test Report No.: PSU-QBJ2508070215RF02



Band2-15MHz-QPSK-18675-1RB#0-3000~20000-PASS

Band2-15MHz-QPSK-18900-1RB#0-30~1000-PASS



Band2-15MHz-QPSK-18900-1RB#0-1000~3000-PASS

Band2-15MHz-QPSK-18900-1RB#0-3000~20000-PASS

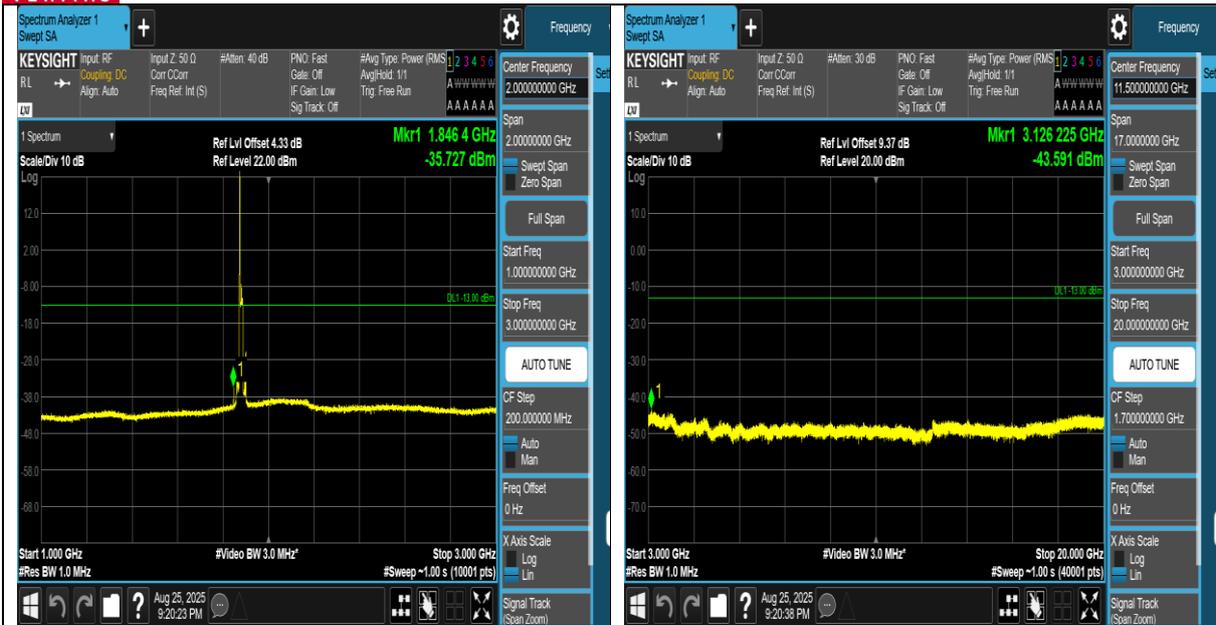
Huarui 7layers High Technology (Suzhou) Co., Ltd.

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

Tel: +86 (0557) 368 1008

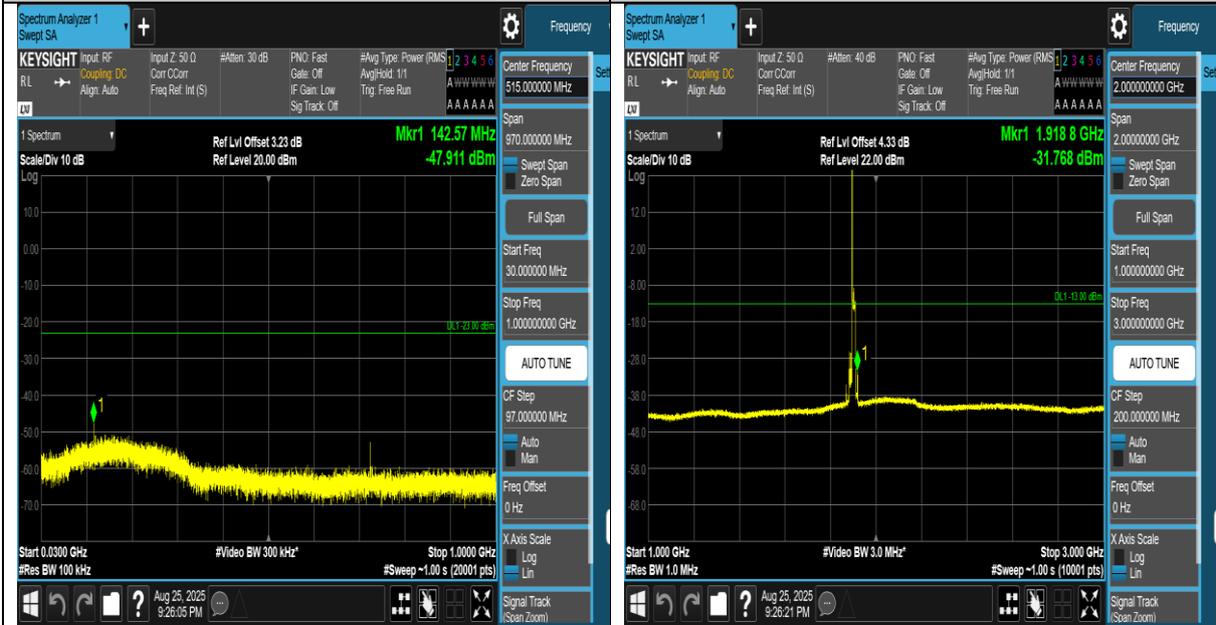


**BUREAU VERITAS** Test Report No.: PSU-QBJ2508070215RF02



Band2-15MHz-QPSK-19125-1RB#0-30~1000-PASS

Band2-15MHz-QPSK-19125-1RB#0-1000~3000-PASS



Band2-15MHz-QPSK-19125-1RB#0-3000~20000-PASS

Band2-20MHz-QPSK-18700-1RB#0-30~1000-PASS

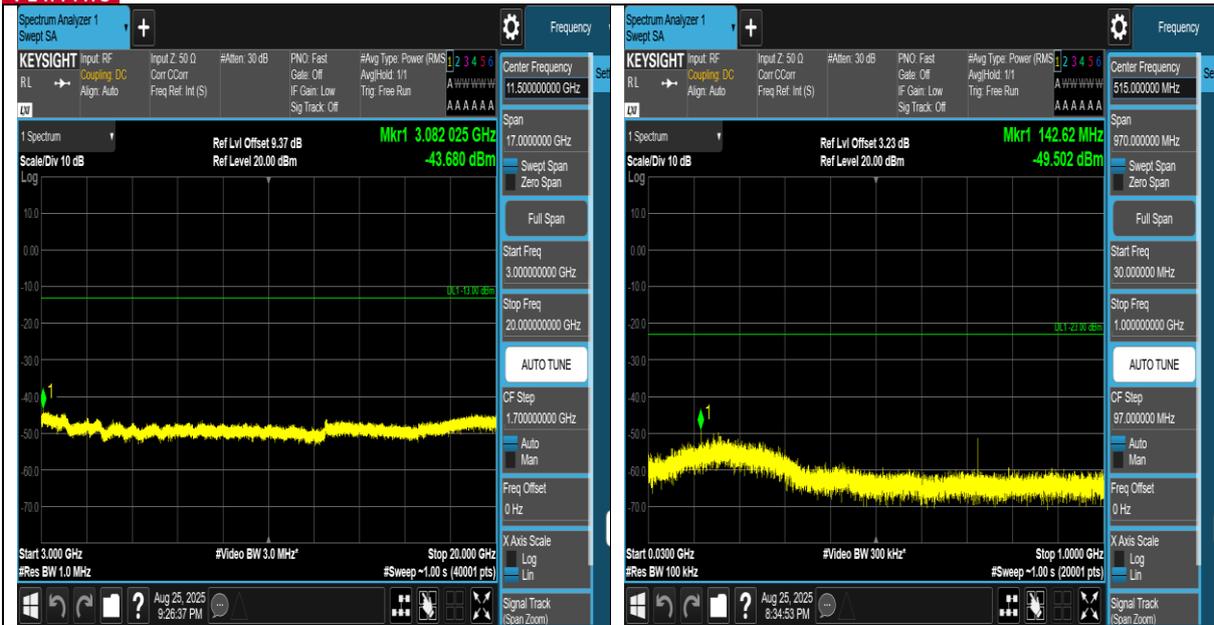
Huarui 7layers High Technology (Suzhou) Co., Ltd.

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

Tel: +86 (0557) 368 1008

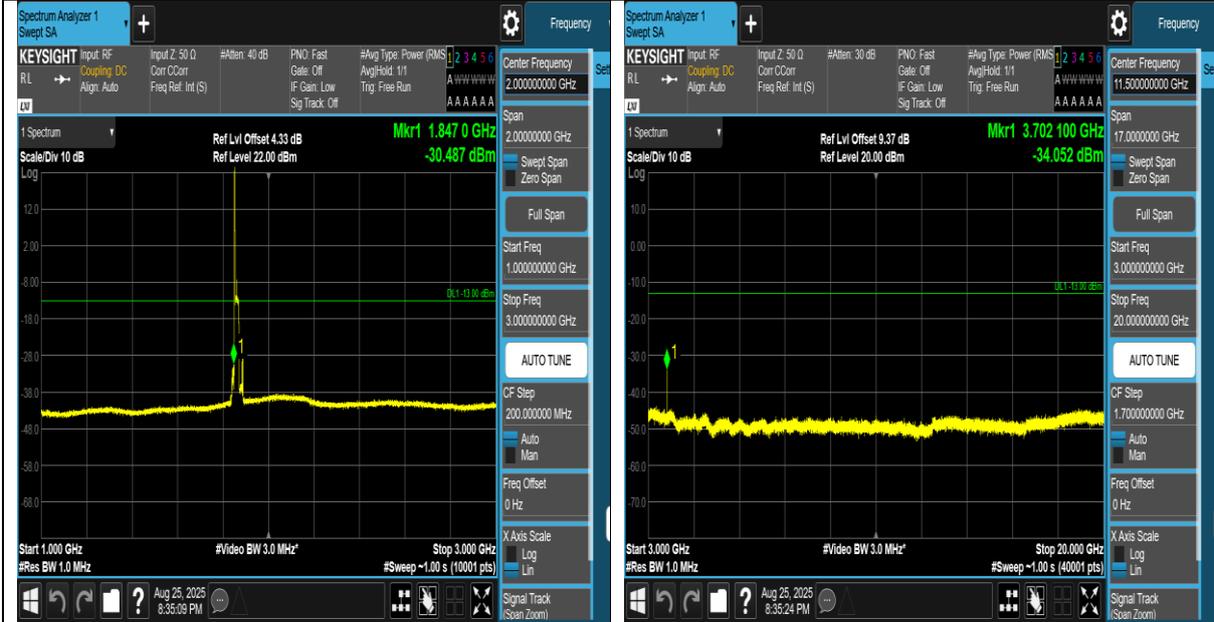


**BUREAU VERITAS** Test Report No.: PSU-QBJ2508070215RF02



Band2-20MHz-QPSK-18700-1RB#0-1000~3000-PASS

Band2-20MHz-QPSK-18700-1RB#0-3000~20000-PASS

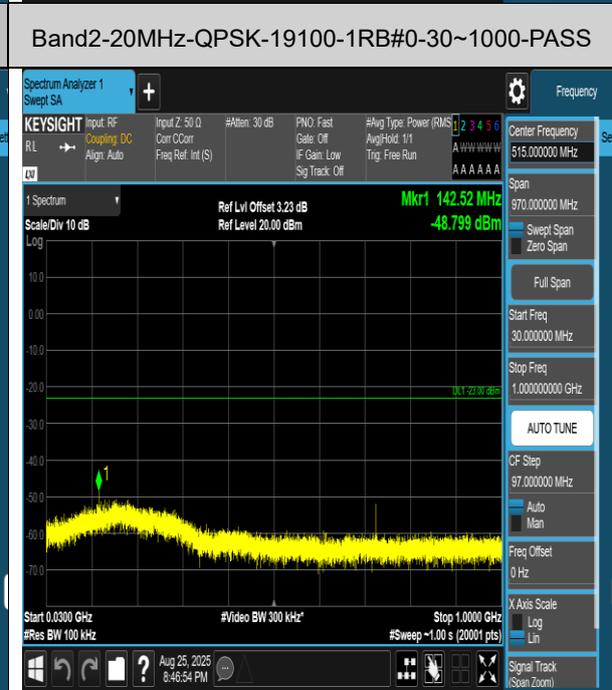
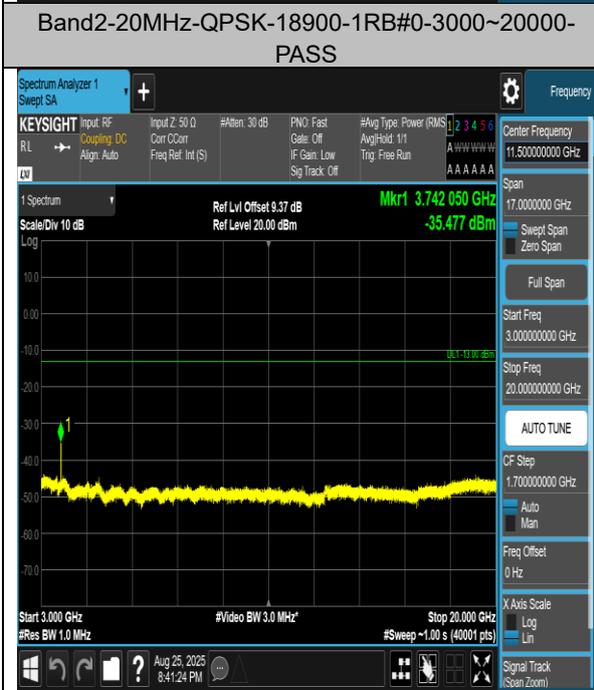
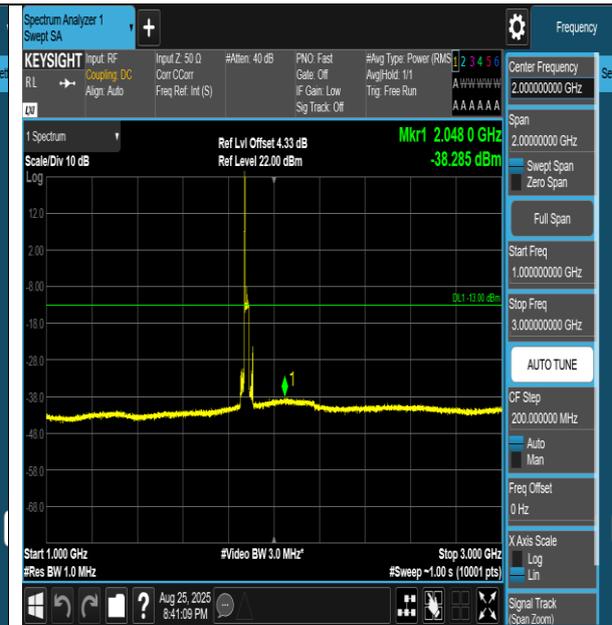
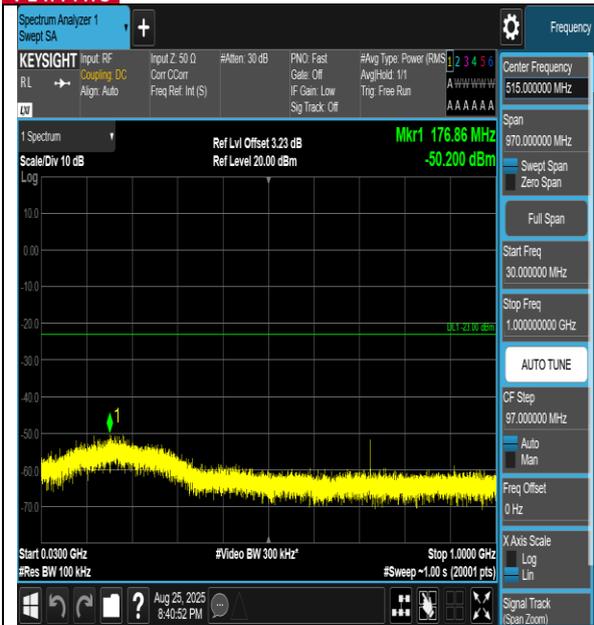


Band2-20MHz-QPSK-18900-1RB#0-30~1000-PASS

Band2-20MHz-QPSK-18900-1RB#0-1000~3000-PASS



**BUREAU VERITAS** Test Report No.: PSU-QBJ2508070215RF02



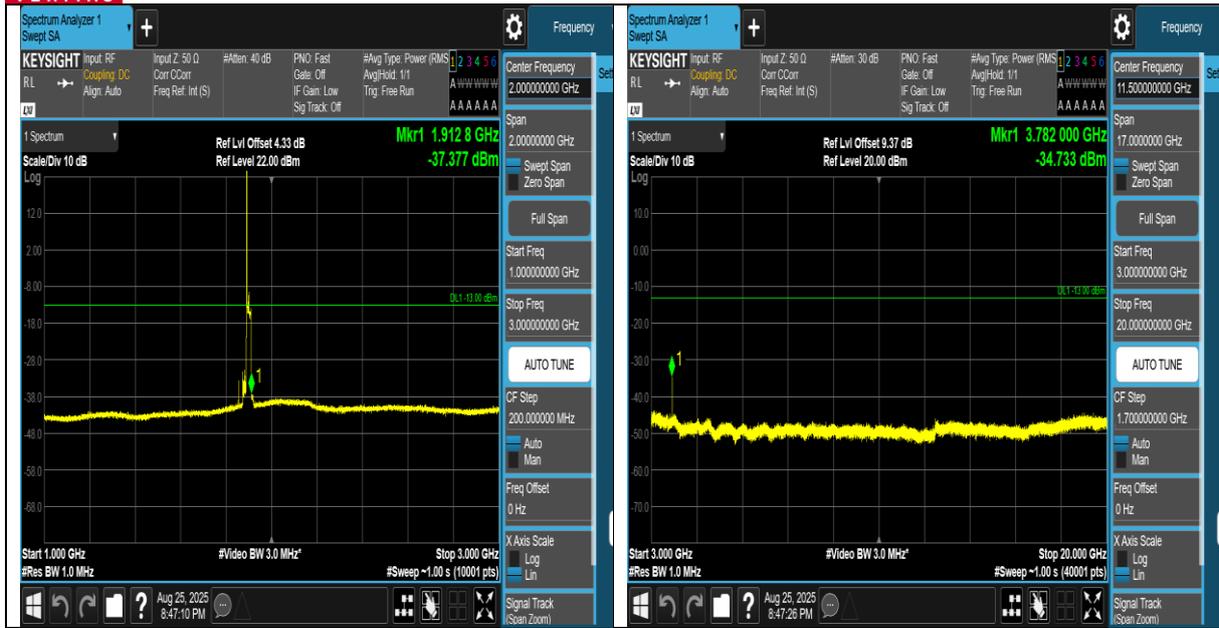
Huarui 7layers High Technology (Suzhou) Co., Ltd.

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-QBJ2508070215RF02



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



**APPENDIX : FREQUENCY STABILITY**

**Test Result**

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band 2	10MHz	QPSK	18650	50RB#0	VN	NT	3090.00	1.665768	±2.5	PASS
Band 2	10MHz	QPSK	18650	50RB#0	VL	NT	4220.00	2.274933	±2.5	PASS
Band 2	10MHz	QPSK	18650	50RB#0	VH	NT	2350.00	1.266846	±2.5	PASS
Band 2	10MHz	QPSK	19150	50RB#0	VN	NT	4230.00	2.220472	±2.5	PASS
Band 2	10MHz	QPSK	19150	50RB#0	VL	NT	3920.00	2.057743	±2.5	PASS
Band 2	10MHz	QPSK	19150	50RB#0	VH	NT	1800.00	0.944882	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band 2	10MHz	QPSK	18650	50RB#0	NV	-30	2810.00	1.514825	±2.5	PASS
Band 2	10MHz	QPSK	18650	50RB#0	NV	-20	2540.00	1.369272	±2.5	PASS
Band 2	10MHz	QPSK	18650	50RB#0	NV	-10	970.00	0.522911	±2.5	PASS
Band 2	10MHz	QPSK	18650	50RB#0	NV	0	2890.00	1.557951	±2.5	PASS
Band 2	10MHz	QPSK	18650	50RB#0	NV	10	2920.00	1.574124	±2.5	PASS
Band 2	10MHz	QPSK	18650	50RB#0	NV	20	2470.00	1.331536	±2.5	PASS
Band 2	10MHz	QPSK	18650	50RB#0	NV	30	4370.00	2.355795	±2.5	PASS
Band 2	10MHz	QPSK	18650	50RB#0	NV	40	1150.00	0.619946	±2.5	PASS
Band 2	10MHz	QPSK	18650	50RB#0	NV	50	1850.00	0.971129	±2.5	PASS
Band 2	10MHz	QPSK	19150	50RB#0	NV	-30	4530.00	2.377953	±2.5	PASS
Band 2	10MHz	QPSK	19150	50RB#0	NV	-20	2196.00	1.152759	±2.5	PASS
Band 2	10MHz	QPSK	19150	50RB#0	NV	-10	4410.00	2.314961	±2.5	PASS
Band 2	10MHz	QPSK	19150	50RB#0	NV	0	1640.00	0.860892	±2.5	PASS
Band 2	10MHz	QPSK	19150	50RB#0	NV	10	2380.00	1.249344	±2.5	PASS
Band 2	10MHz	QPSK	19150	50RB#0	NV	20	4240.00	2.22572	±2.5	PASS



**BUREAU VERITAS** Test Report No.: PSU-QBJ2508070215RF02

2							0	2		
Band 2	10MHz	QPSK	19150	50RB#0	NV	30	1120.00	0.587927	±2.5	PASS
Band 2	10MHz	QPSK	19150	50RB#0	NV	40	2350.00	1.233596	±2.5	PASS
Band 2	10MHz	QPSK	19150	50RB#0	NV	50	3560.00	1.868766	±2.5	PASS

**--END--**