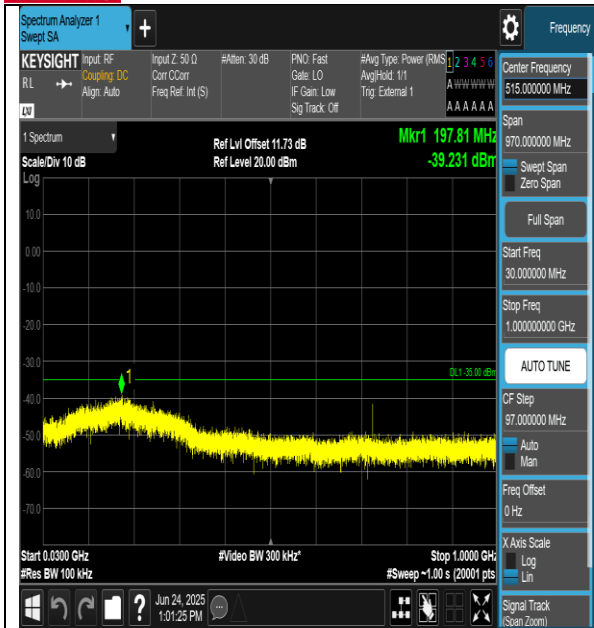
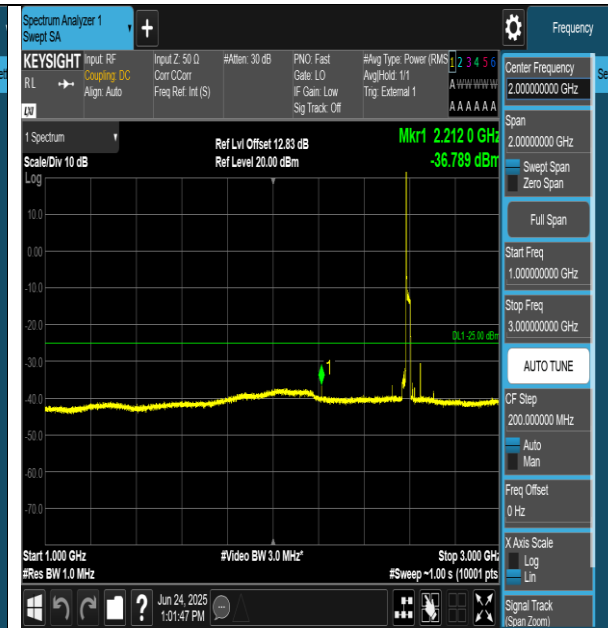




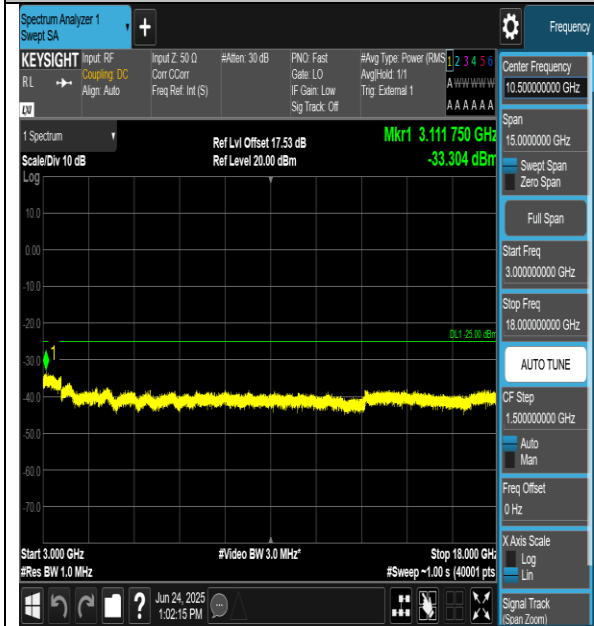
**BUREAU VERITAS** Test Report No.: PSU-QSU2506090109RF04



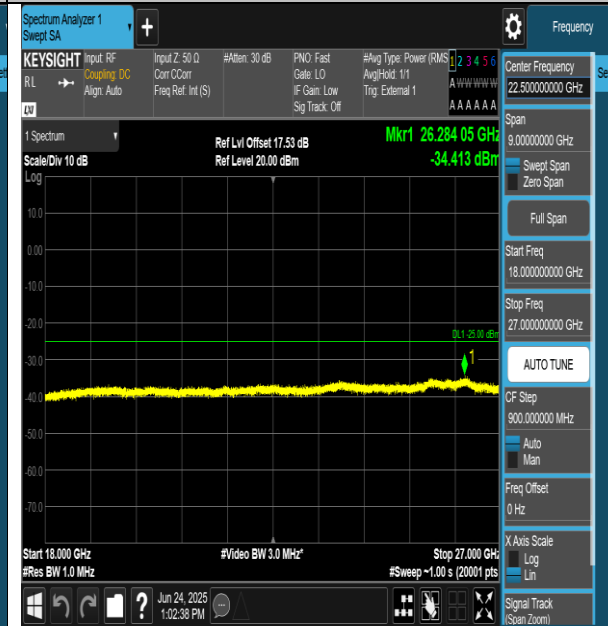
Band41-20MHz-QPSK-40620-1RB#0-30~1000-PASS



Band41-20MHz-QPSK-40620-1RB#0-1000~3000-PASS



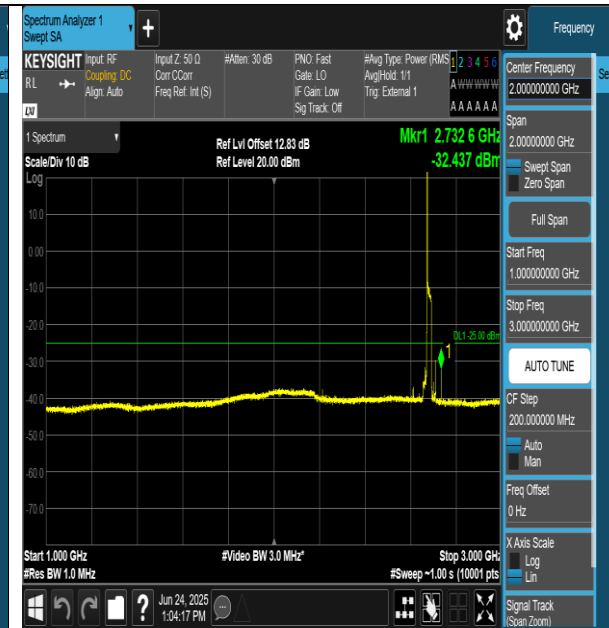
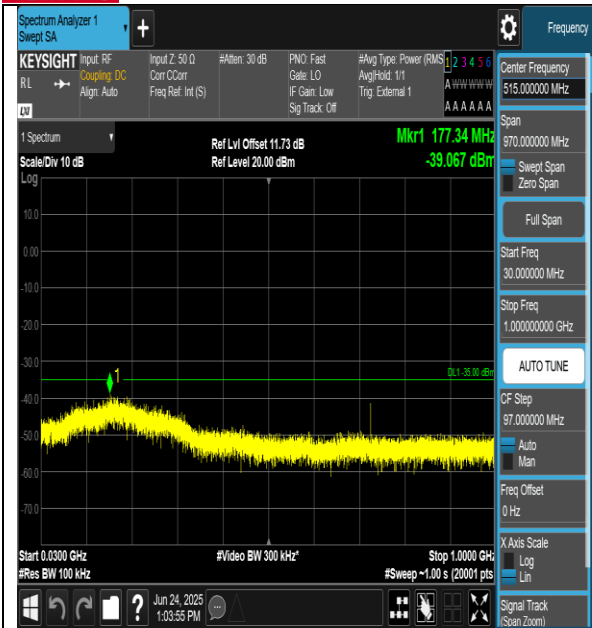
Band41-20MHz-QPSK-40620-1RB#0-3000~18000-PASS



Band41-20MHz-QPSK-40620-1RB#0-18000~27000-PASS

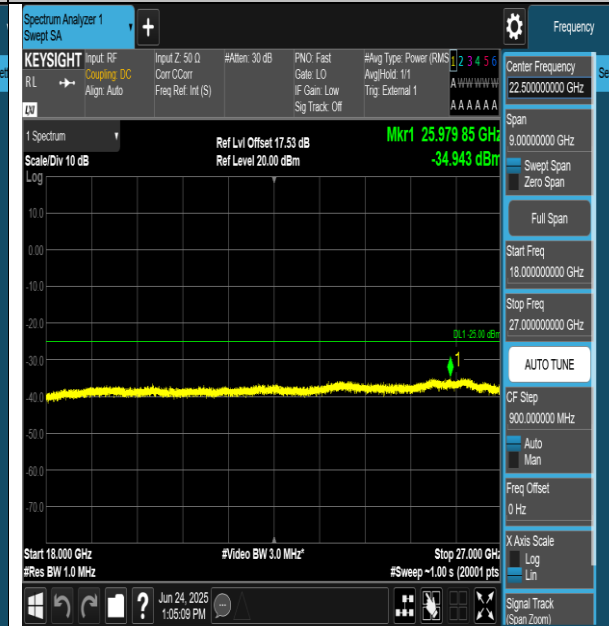
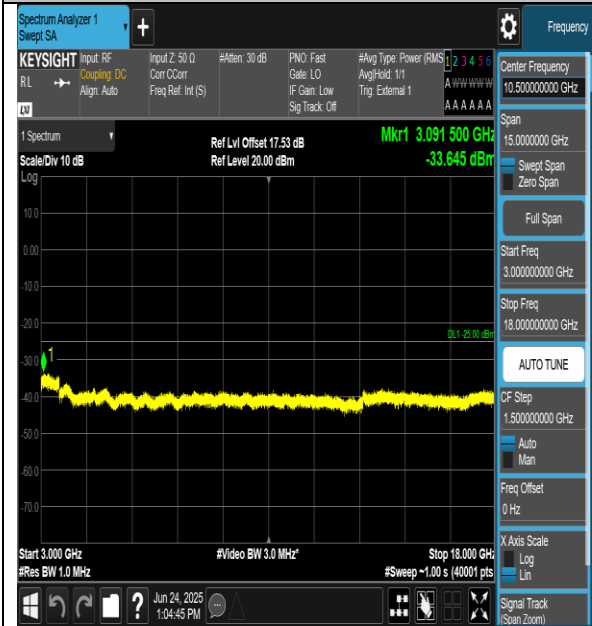


**BUREAU VERITAS** Test Report No.: PSU-QSU2506090109RF04



Band41-20MHz-QPSK-41490-1RB#0-30~1000-PASS

Band41-20MHz-QPSK-41490-1RB#0-1000~3000-PASS



Band41-20MHz-QPSK-41490-1RB#0-3000~18000-PASS

Band41-20MHz-QPSK-41490-1RB#0-18000~27000-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



**FREQUENCY STABILITY**

**Test Result**

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4_1	10MHz	QPSK	39700	50RB#0	VN	NT	3250.00	1.299480	±2.5	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	VL	NT	2550.00	1.019592	±2.5	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	VH	NT	1490.00	0.595762	±2.5	PASS
Band4_1	10MHz	QPSK	41540	50RB#0	VN	NT	2710.00	1.009311	±2.5	PASS
Band4_1	10MHz	QPSK	41540	50RB#0	VL	NT	3470.00	1.292365	±2.5	PASS
Band4_1	10MHz	QPSK	41540	50RB#0	VH	NT	4540.00	1.690875	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4_1	10MHz	QPSK	39700	50RB#0	NV	-30	1480.00	0.591763	±2.5	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	NV	-20	2548.00	1.018792	±2.5	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	NV	-10	1920.00	0.767693	±2.5	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	NV	0	3820.00	1.527389	±2.5	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	NV	10	2430.00	0.971611	±2.5	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	NV	20	5280.00	2.111156	±2.5	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	NV	30	5890.00	2.355058	±2.5	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	NV	40	5400.00	2.159136	±2.5	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	NV	50	4670.00	1.867253	±2.5	PASS
Band4_1	10MHz	QPSK	41540	50RB#0	NV	-30	2740.00	1.020484	±2.5	PASS
Band4_1	10MHz	QPSK	41540	50RB#0	NV	-20	3440.00	1.281192	±2.5	PASS



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Band4 1	10MHz	QPSK	41540	50RB#0	NV	-10	4330.0 0	1.6126 63	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	0	2960.0 0	1.1024 21	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	10	3690.0 0	1.3743 02	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	20	2030.0 0	0.7560 52	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	30	2170.0 0	0.8081 94	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	40	3670.0 0	1.3668 53	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	50	3620.0 0	1.3482 31	±2.5	PASS



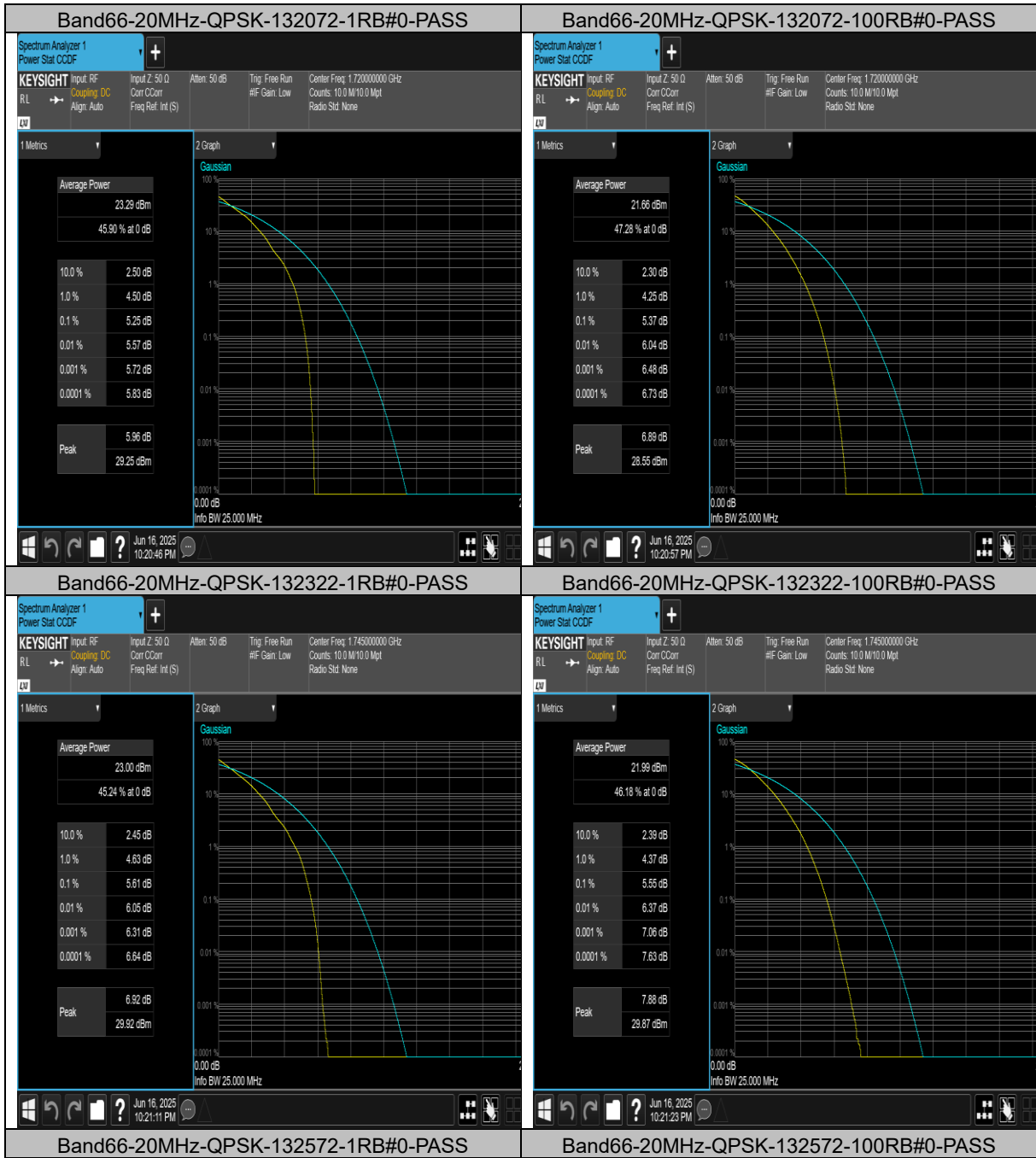
## PEAK-TO-AVERAGE RATIO(CCDF)

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	1RB#0	5.25	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.37	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	5.61	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.55	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	4.78	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.67	13	PASS
Band66	20MHz	16QAM	132072	1RB#0	6.39	13	PASS
Band66	20MHz	16QAM	132072	27RB#0	6.32	13	PASS
Band66	20MHz	16QAM	132322	1RB#0	6.15	13	PASS
Band66	20MHz	16QAM	132322	27RB#0	6.70	13	PASS
Band66	20MHz	16QAM	132572	1RB#0	5.56	13	PASS
Band66	20MHz	16QAM	132572	27RB#0	6.32	13	PASS

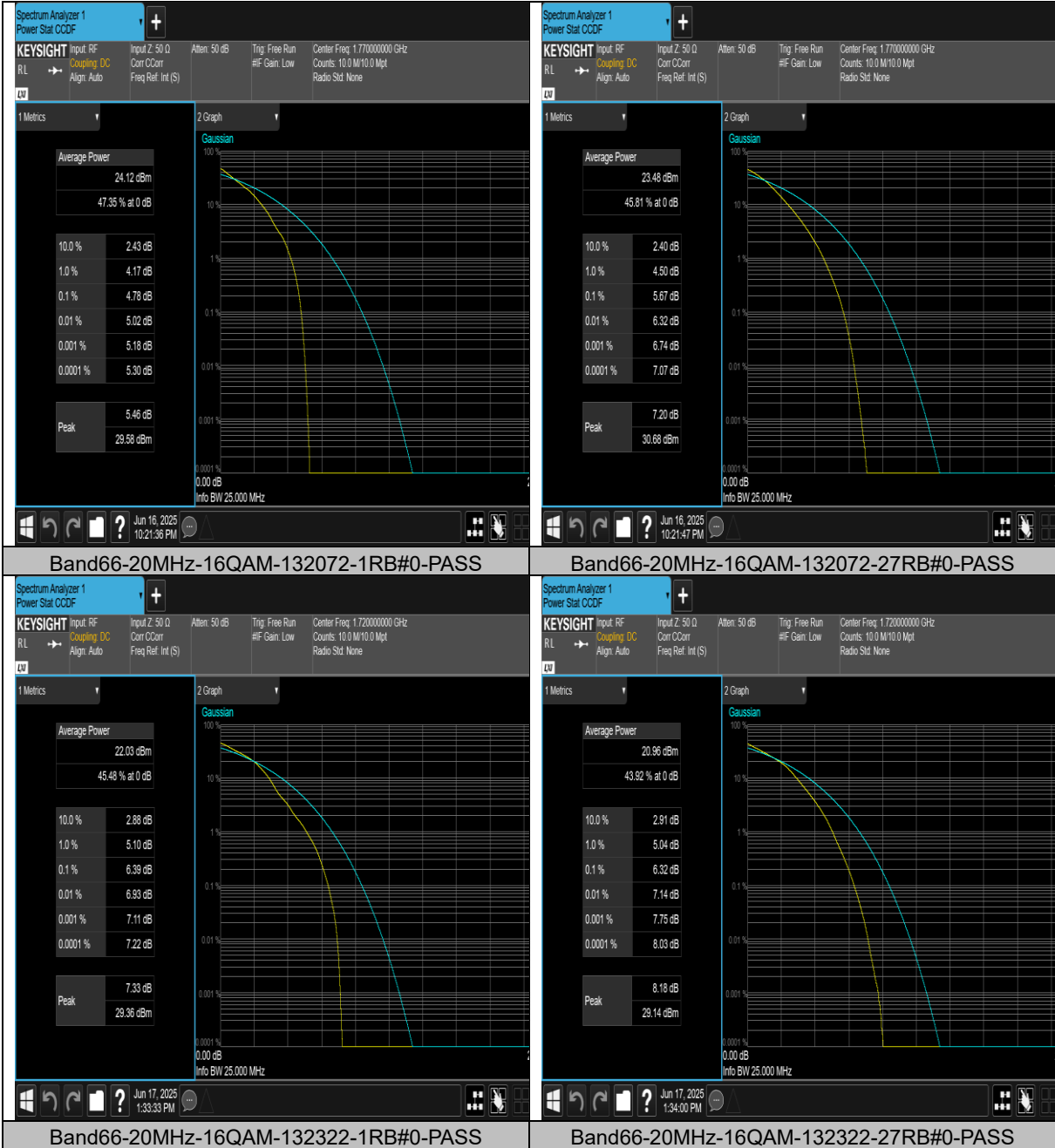


### Test Graphs





**BUREAU VERITAS** Test Report No.: PSU-QSU2506090109RF04



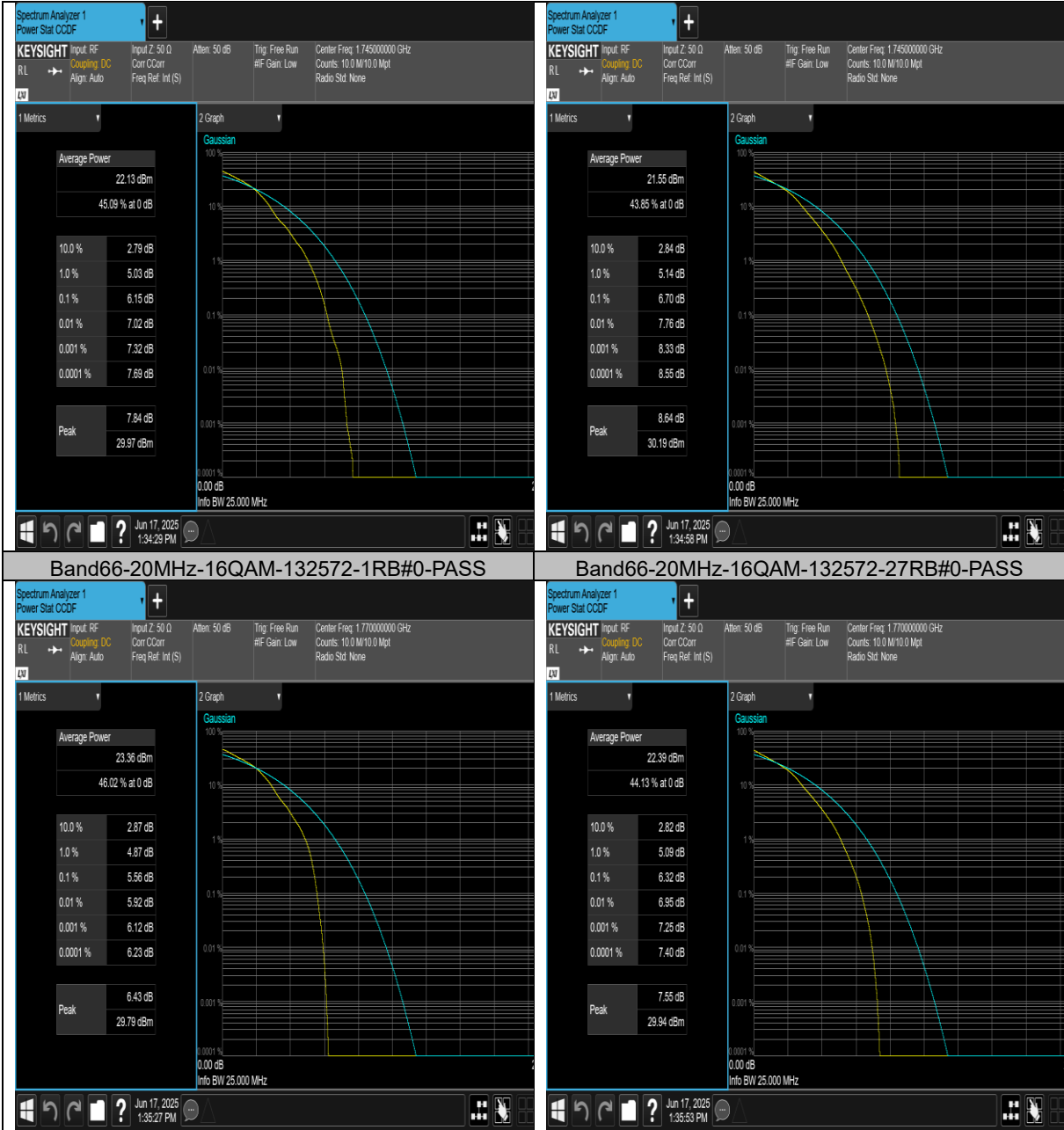
Huarui 7layers High Technology (Suzhou) Co., Ltd.

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

Tel: +86 (0557) 368 1008



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## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

### Test Result

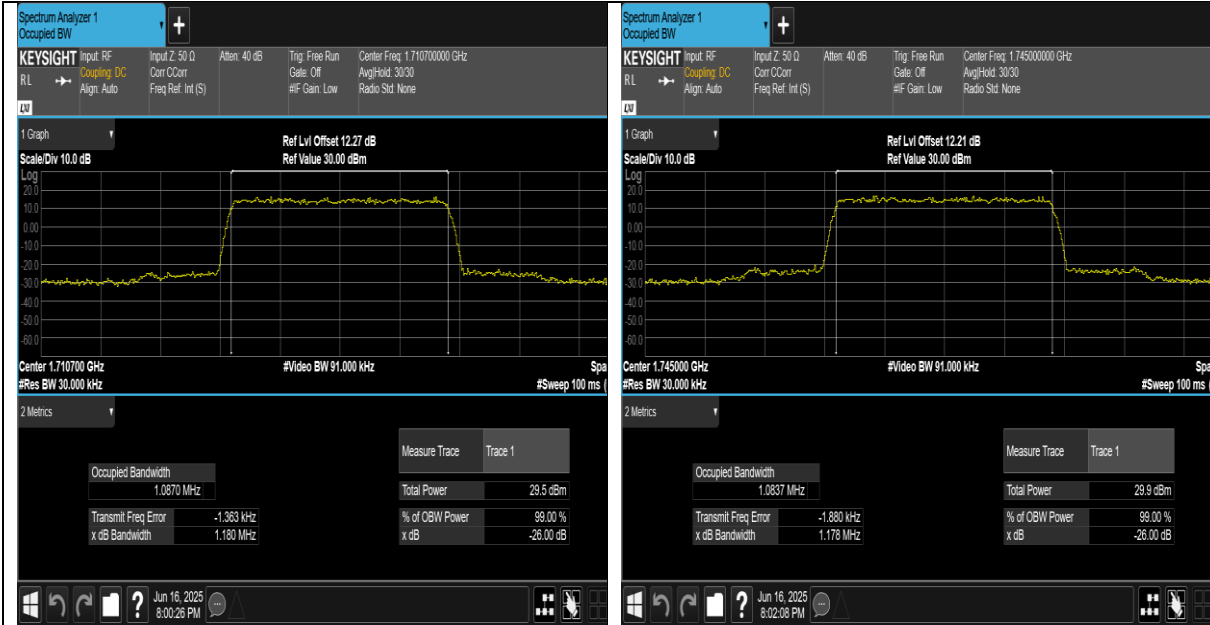
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0870	1.180	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0837	1.178	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0874	1.179	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0840	1.177	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0832	1.179	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0852	1.178	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6906	2.847	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6875	2.855	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.6863	2.848	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6844	2.844	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6841	2.850	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6782	2.845	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.4997	4.844	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.4939	4.832	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.4929	4.839	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.4900	4.825	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.4950	4.848	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5068	4.838	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9444	9.641	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9690	9.635	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9115	9.606	PASS
Band66	10MHz	16QAM	132022	27RB#0	4.9198	6.145	PASS
Band66	10MHz	16QAM	132322	27RB#0	4.9544	6.597	PASS
Band66	10MHz	16QAM	132622	27RB#0	4.9314	6.480	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.451	14.69	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.470	14.71	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.393	14.61	PASS
Band66	15MHz	16QAM	132047	27RB#0	5.0165	7.062	PASS
Band66	15MHz	16QAM	132322	27RB#0	4.9960	6.981	PASS
Band66	15MHz	16QAM	132597	27RB#0	4.9928	7.018	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.871	19.24	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.924	19.29	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.927	19.18	PASS
Band66	20MHz	16QAM	132072	27RB#0	5.0598	7.142	PASS
Band66	20MHz	16QAM	132322	27RB#0	5.0564	7.106	PASS
Band66	20MHz	16QAM	132572	27RB#0	5.0128	6.998	PASS

### Test Graphs

Band66-1.4MHz-QPSK-131979-6RB#0-PASS	Band66-1.4MHz-QPSK-132322-6RB#0-PASS
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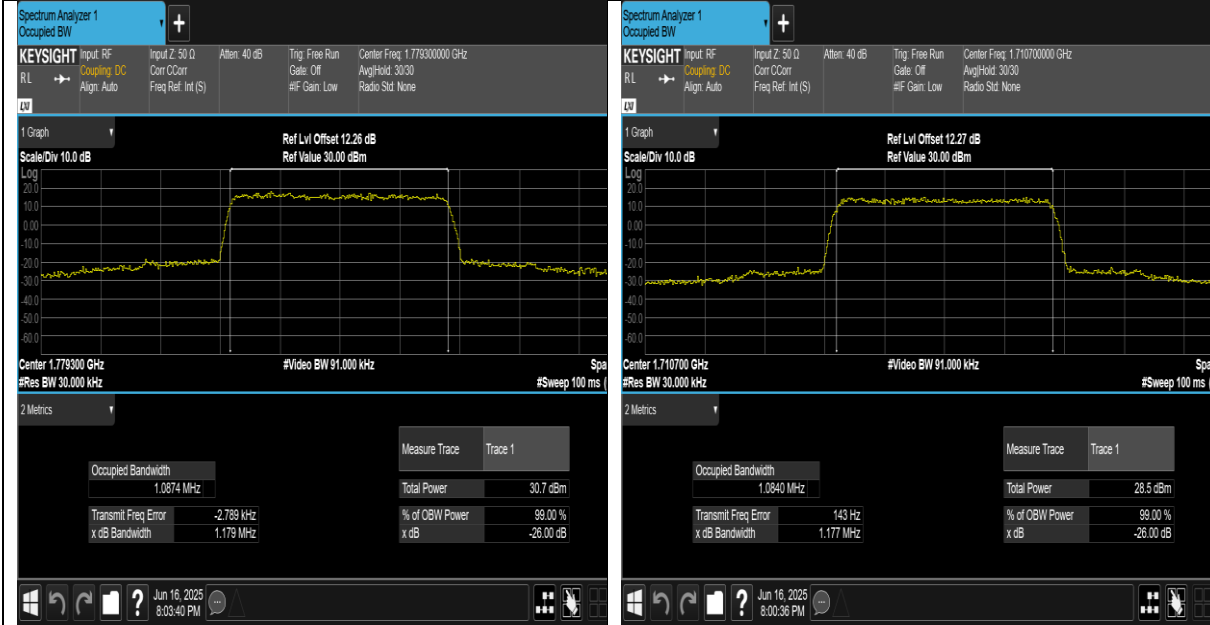


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**Band66-1.4MHz-QPSK-132665-6RB#0-PASS**

**Band66-1.4MHz-16QAM-131979-6RB#0-PASS**

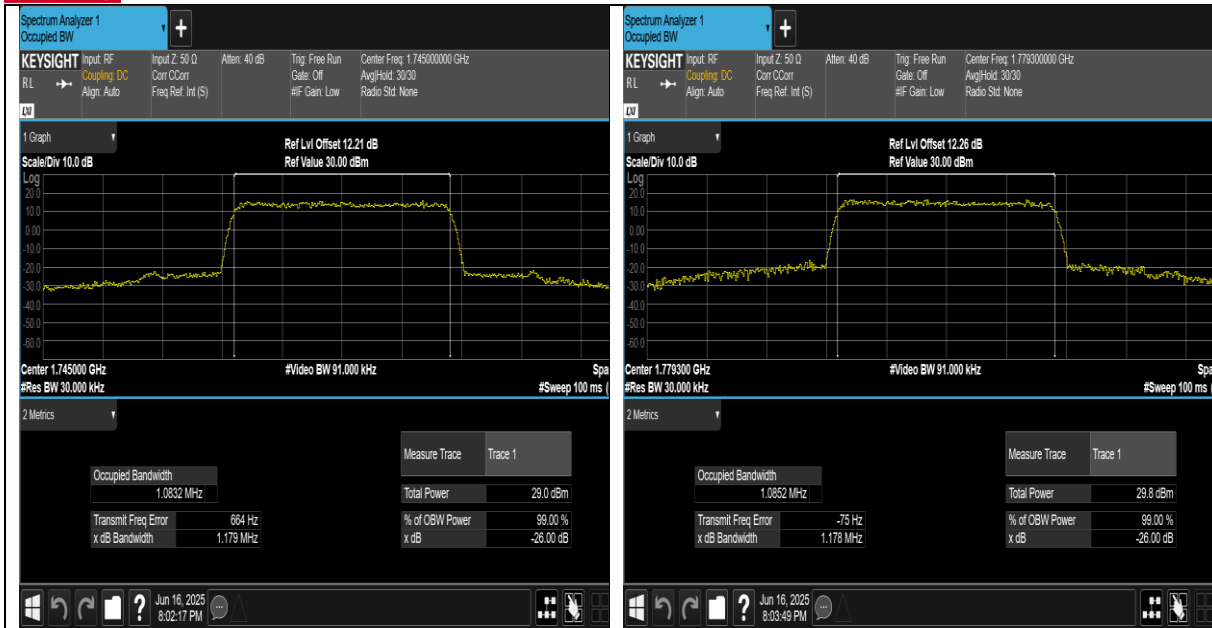


**Band66-1.4MHz-16QAM-132322-6RB#0-PASS**

**Band66-1.4MHz-16QAM-132665-6RB#0-PASS**



**BUREAU VERITAS** Test Report No.: PSU-QSU2506090109RF04



**Band66-3MHz-QPSK-131987-15RB#0-PASS**

**Band66-3MHz-QPSK-132322-15RB#0-PASS**

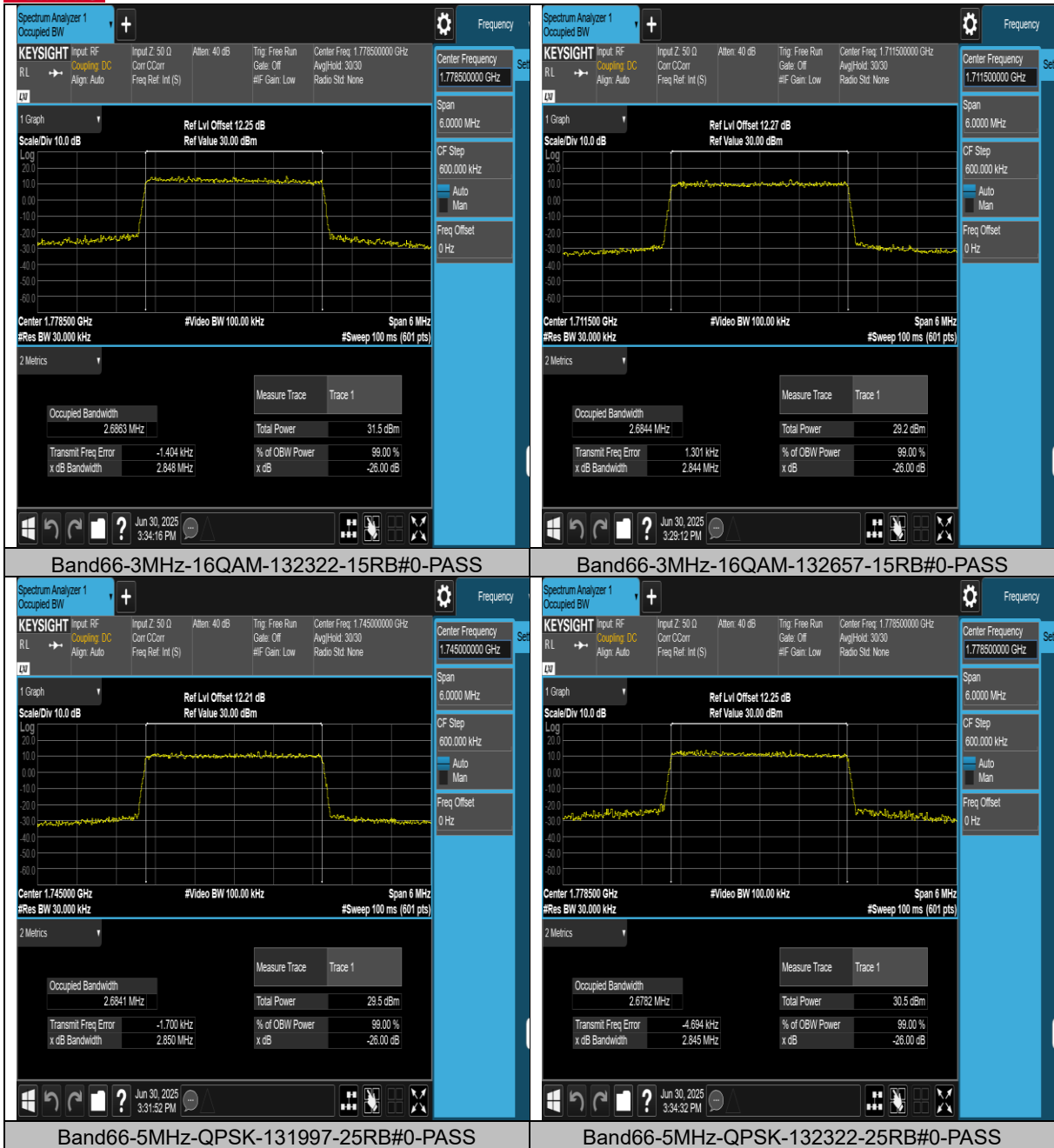


**Band66-3MHz-QPSK-132657-15RB#0-PASS**

**Band66-3MHz-16QAM-131987-15RB#0-PASS**

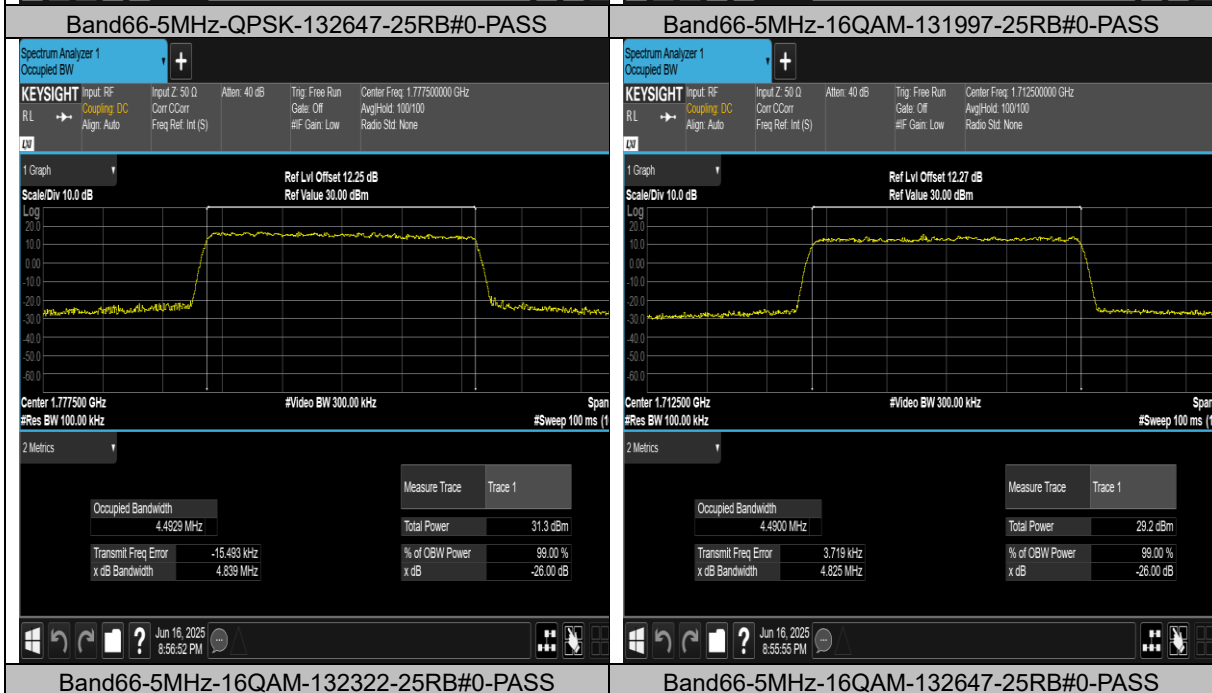


**BUREAU VERITAS** Test Report No.: PSU-QSU2506090109RF04



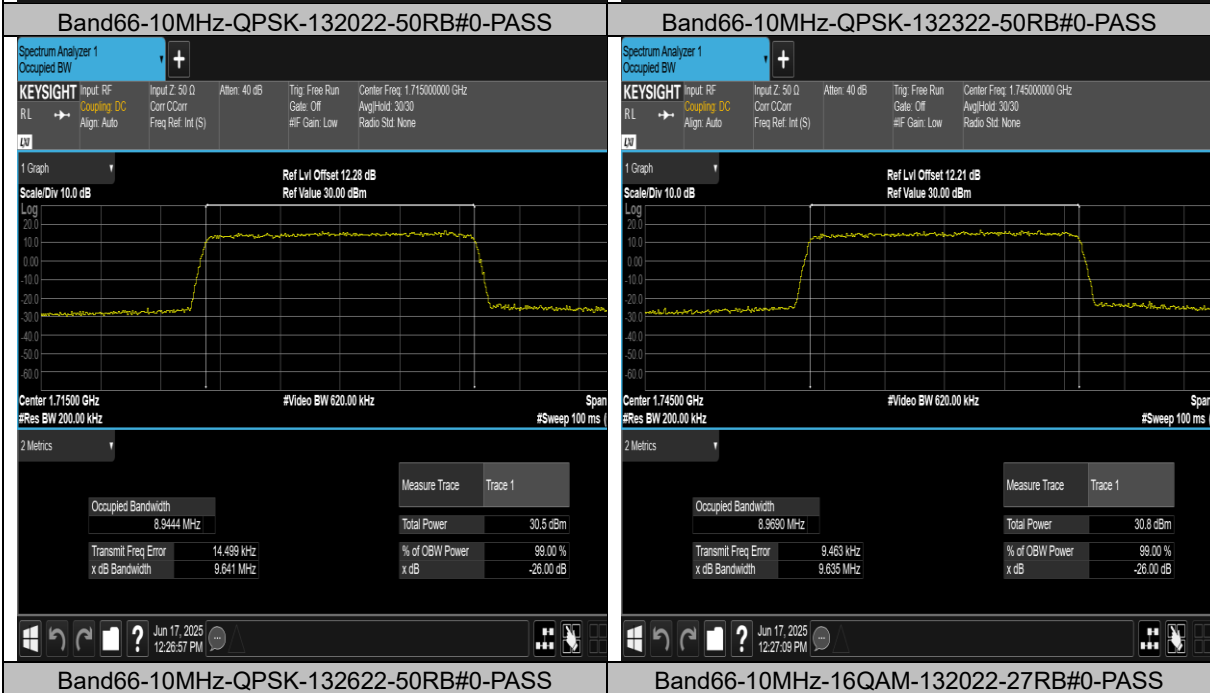
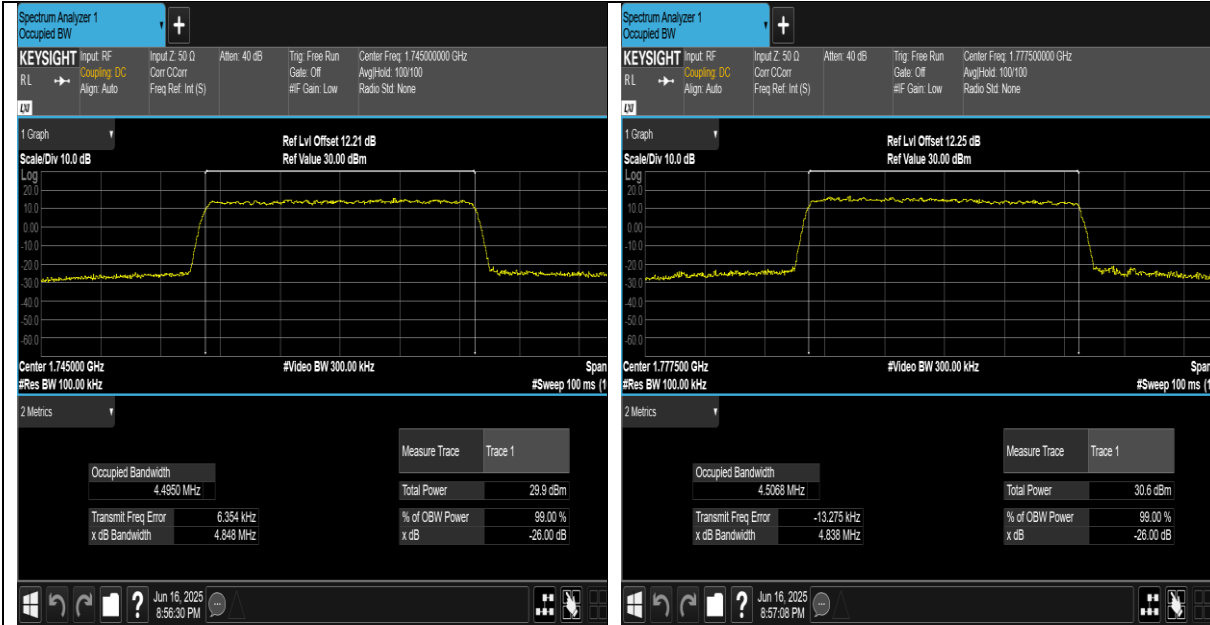


**BUREAU VERITAS** Test Report No.: PSU-QSU2506090109RF04



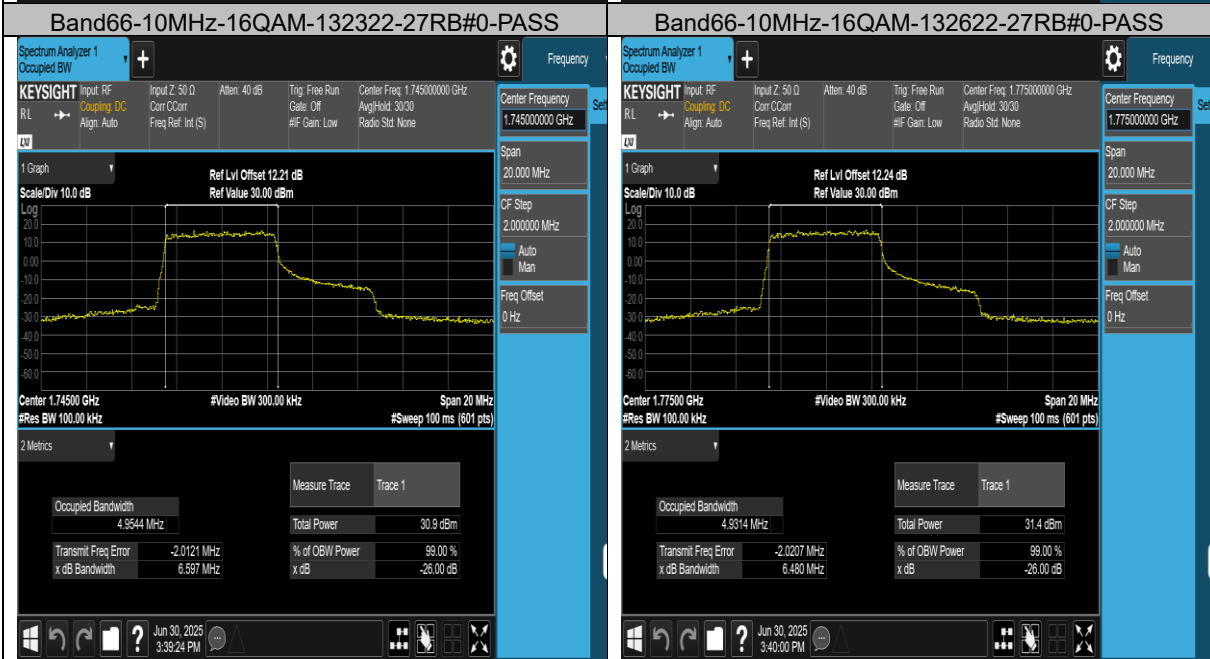


**BUREAU VERITAS** Test Report No.: PSU-QSU2506090109RF04



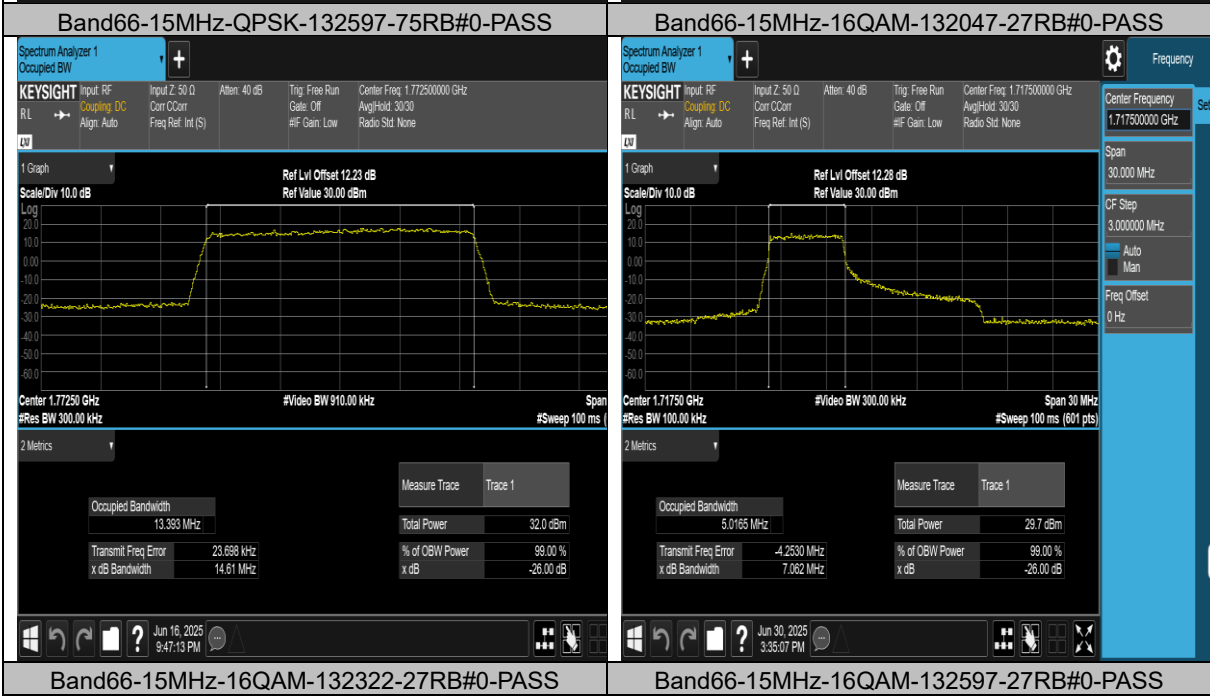
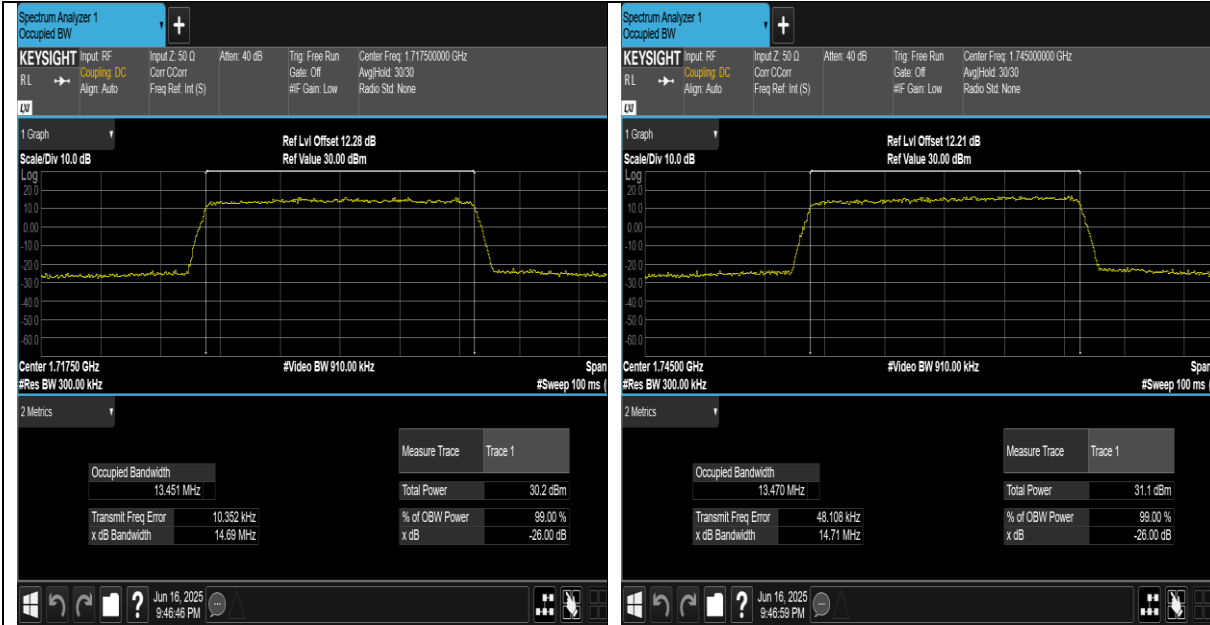


# BUREAU VERITAS Test Report No.: PSU-QSU2506090109RF04





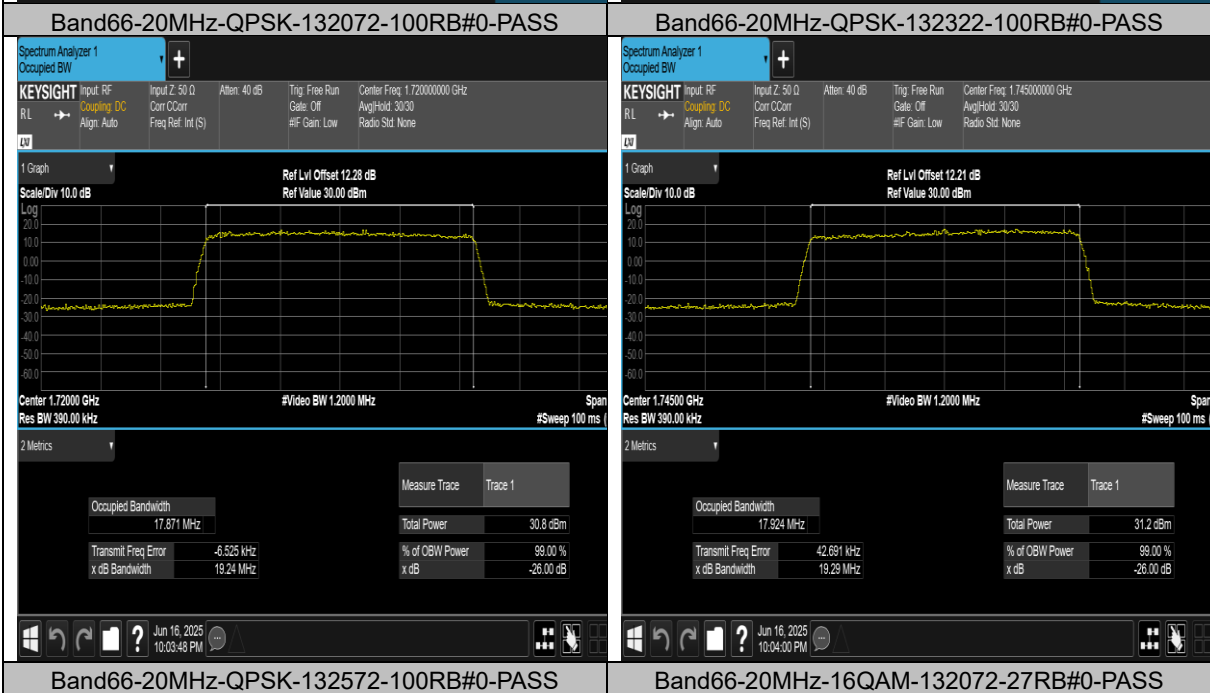
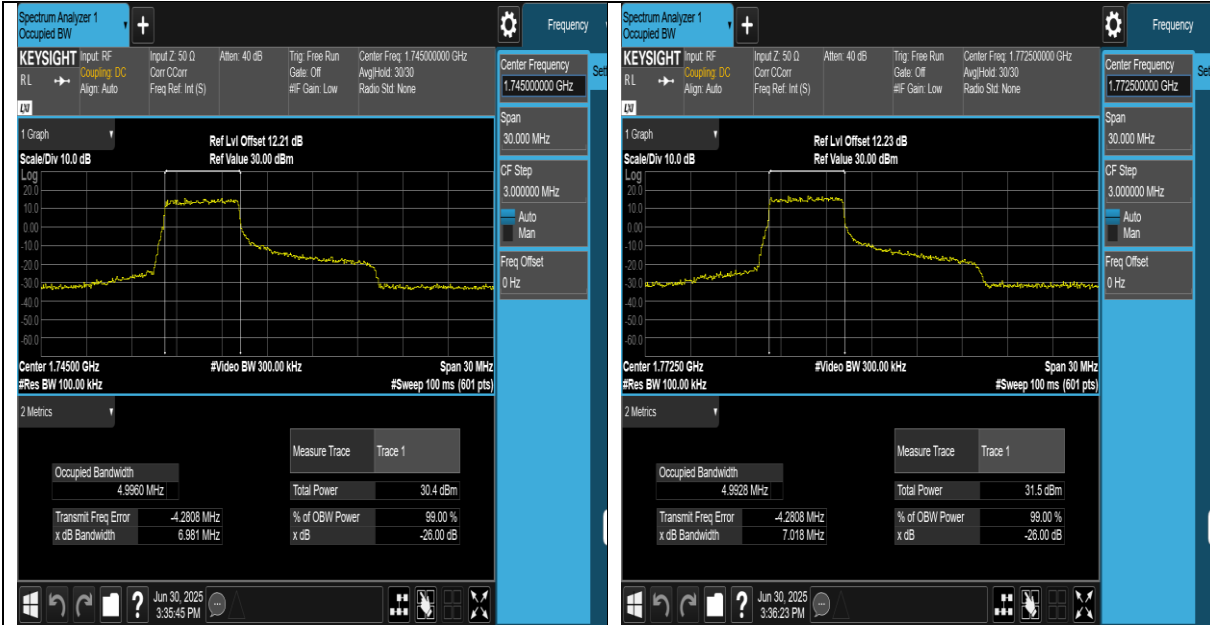
**BUREAU VERITAS** Test Report No.: PSU-QSU2506090109RF04





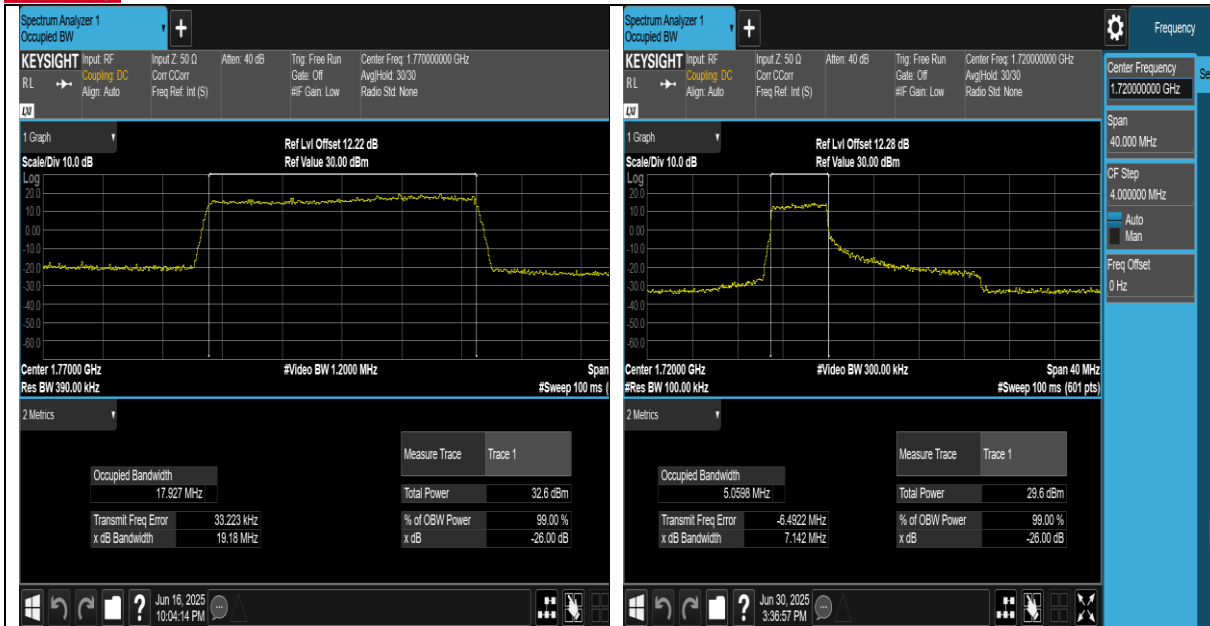


**BUREAU VERITAS** Test Report No.: PSU-QSU2506090109RF04



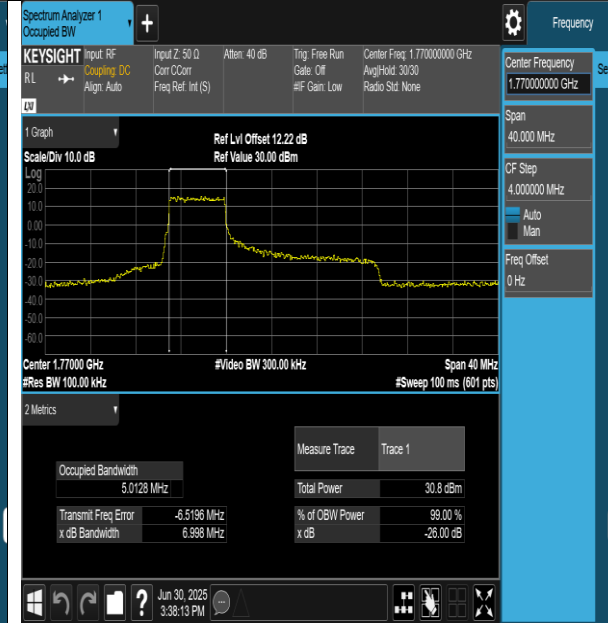
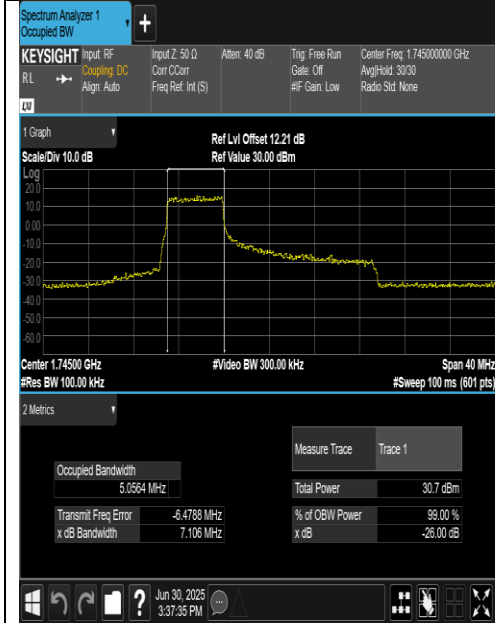


**BUREAU VERITAS** Test Report No.: PSU-QSU2506090109RF04



**Band66-20MHz-16QAM-132322-27RB#0-PASS**

**Band66-20MHz-16QAM-132572-27RB#0-PASS**





**BAND EDGE**

**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	-30.86	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-34.21	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-28.47	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-29.96	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	-30.36	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-33.45	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-28.99	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-31.11	PASS
Band66	3MHz	QPSK	131987	1RB#0	-27.22	PASS
Band66	3MHz	QPSK	131987	15RB#0	-38.26	PASS
Band66	3MHz	QPSK	132657	1RB#14	-26.73	PASS
Band66	3MHz	QPSK	132657	15RB#0	-32.01	PASS
Band66	3MHz	16QAM	131987	1RB#0	-28.79	PASS
Band66	3MHz	16QAM	131987	15RB#0	-37.78	PASS
Band66	3MHz	16QAM	132657	1RB#14	-29.36	PASS
Band66	3MHz	16QAM	132657	15RB#0	-33.85	PASS
Band66	5MHz	QPSK	131997	1RB#0	-28.69	PASS
Band66	5MHz	QPSK	131997	25RB#0	-38.82	PASS
Band66	5MHz	QPSK	132647	1RB#24	-28.07	PASS
Band66	5MHz	QPSK	132647	25RB#0	-35.48	PASS
Band66	5MHz	16QAM	131997	1RB#0	-29.98	PASS
Band66	5MHz	16QAM	131997	25RB#0	-38.31	PASS
Band66	5MHz	16QAM	132647	1RB#24	-28.70	PASS
Band66	5MHz	16QAM	132647	25RB#0	-36.39	PASS
Band66	10MHz	QPSK	132022	1RB#0	-35.02	PASS
Band66	10MHz	QPSK	132022	50RB#0	-38.67	PASS
Band66	10MHz	QPSK	132622	1RB#49	-33.44	PASS
Band66	10MHz	QPSK	132622	50RB#0	-36.36	PASS
Band66	10MHz	16QAM	132022	1RB#0	-35.73	PASS
Band66	10MHz	16QAM	132022	27RB#0	-36.72	PASS
Band66	10MHz	16QAM	132622	1RB#49	-34.36	PASS
Band66	10MHz	16QAM	132622	27RB#23	-34.71	PASS
Band66	15MHz	QPSK	132047	1RB#0	-30.17	PASS
Band66	15MHz	QPSK	132047	75RB#0	-37.45	PASS
Band66	15MHz	QPSK	132597	1RB#74	-29.23	PASS
Band66	15MHz	QPSK	132597	75RB#0	-35.10	PASS
Band66	15MHz	16QAM	132047	1RB#0	-30.73	PASS
Band66	15MHz	16QAM	132047	27RB#0	-34.83	PASS
Band66	15MHz	16QAM	132597	1RB#74	-29.77	PASS
Band66	15MHz	16QAM	132597	27RB#48	-32.67	PASS
Band66	20MHz	QPSK	132072	1RB#0	-37.22	PASS
Band66	20MHz	QPSK	132072	100RB#0	-36.07	PASS
Band66	20MHz	QPSK	132572	1RB#99	-36.05	PASS
Band66	20MHz	QPSK	132572	100RB#0	-33.77	PASS
Band66	20MHz	16QAM	132072	1RB#0	-37.54	PASS
Band66	20MHz	16QAM	132072	27RB#0	-33.98	PASS
Band66	20MHz	16QAM	132572	1RB#99	-36.42	PASS
Band66	20MHz	16QAM	132572	27RB#73	-32.39	PASS

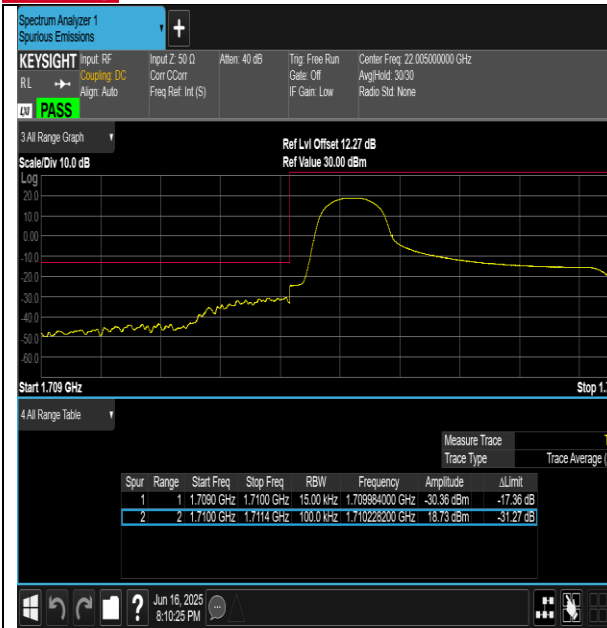


### Test Graphs

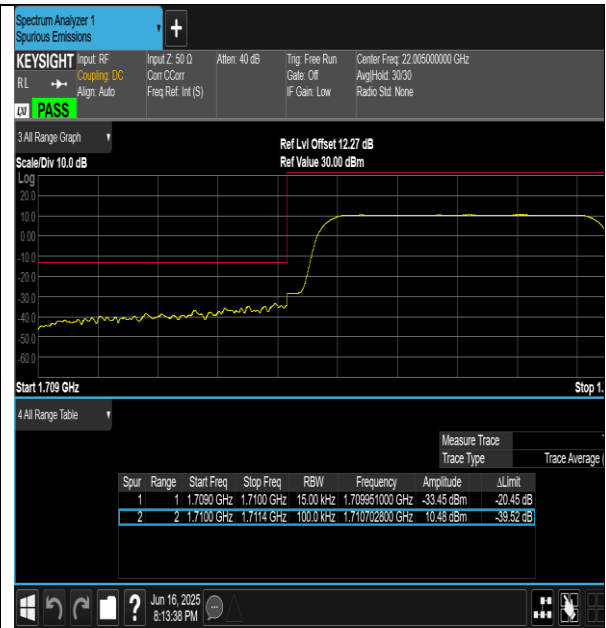




**BUREAU VERITAS** Test Report No.: PSU-QSU2506090109RF04



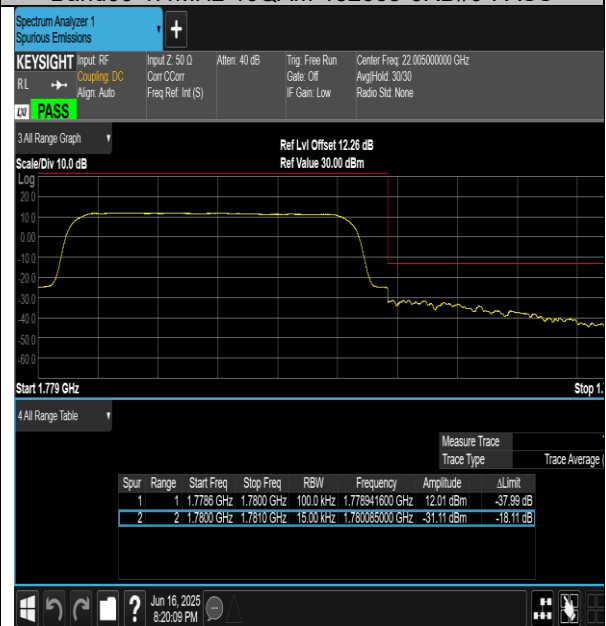
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**Band66-1.4MHz-16QAM-132665-6RB#0-PASS**



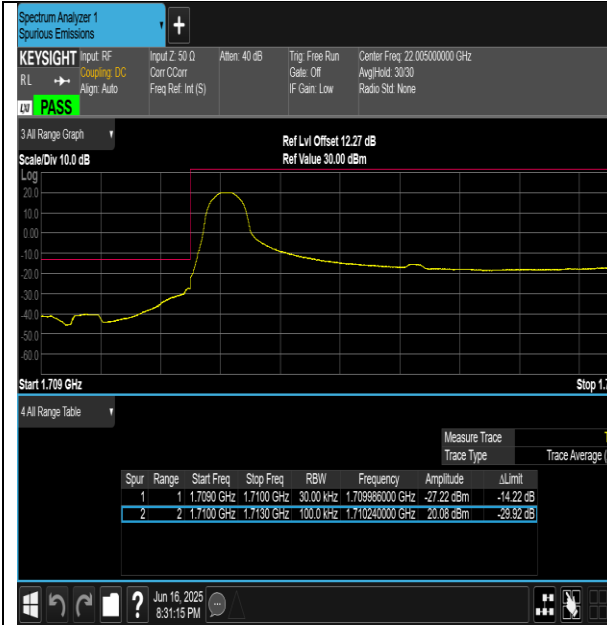
**Band66-3MHz-QPSK-131987-1RB#0-PASS**



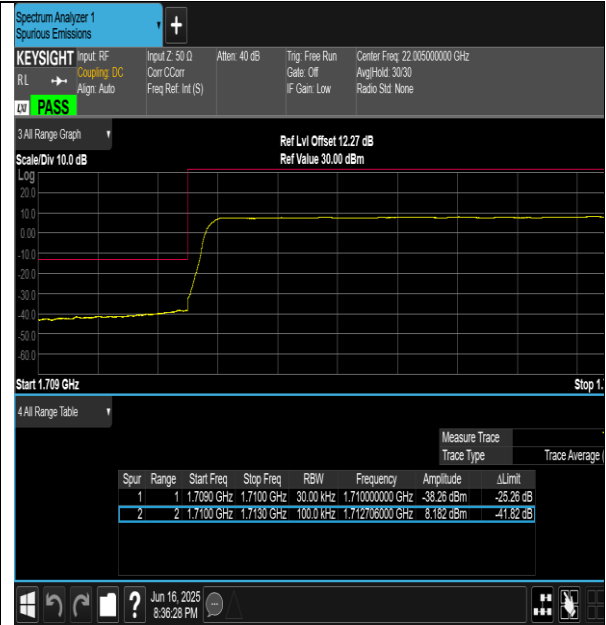
**Band66-3MHz-QPSK-131987-15RB#0-PASS**



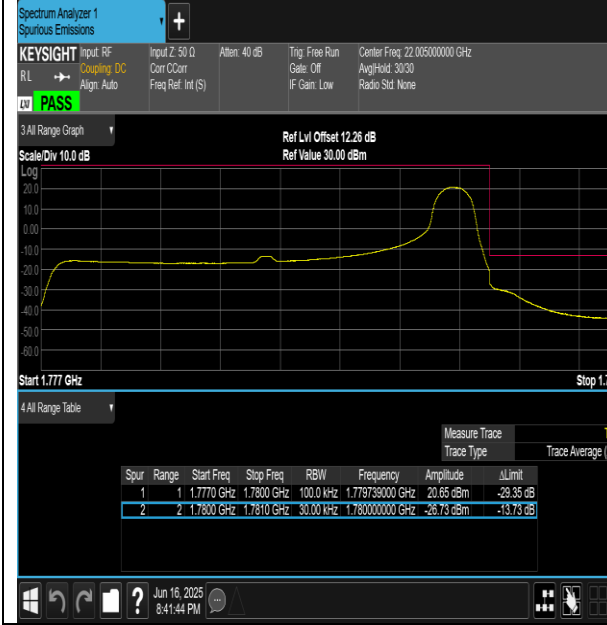
**BUREAU VERITAS** Test Report No.: PSU-QSU2506090109RF04



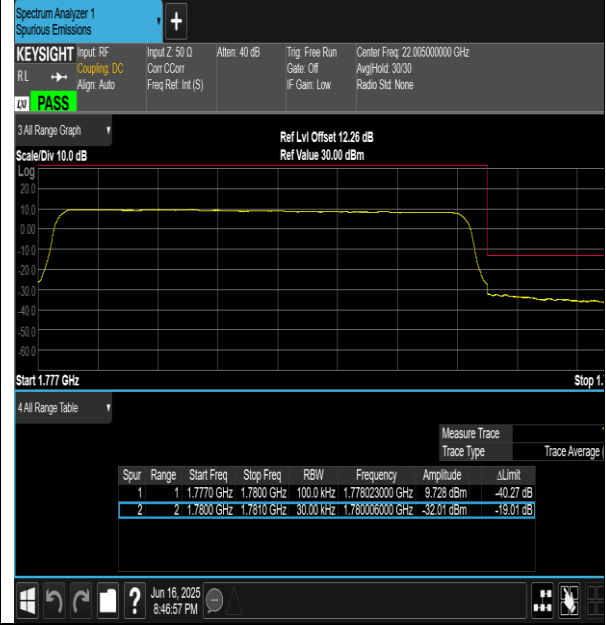
**Band66-3MHz-QPSK-132657-1RB#14-PASS**



**Band66-3MHz-QPSK-132657-15RB#0-PASS**



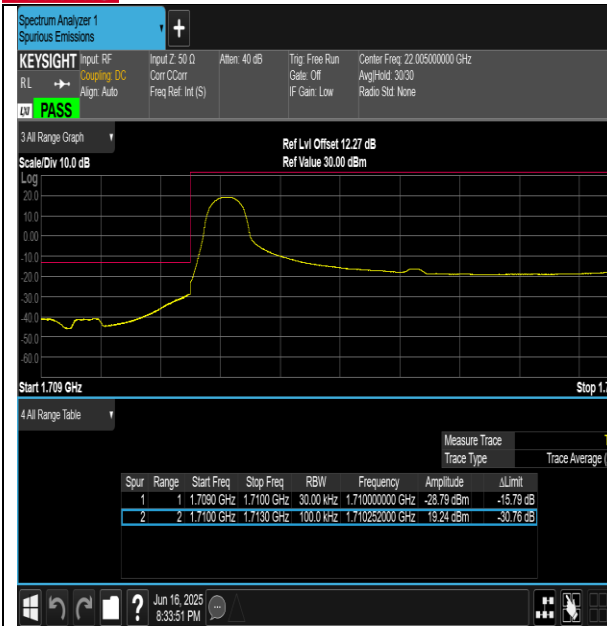
**Band66-3MHz-16QAM-131987-1RB#0-PASS**



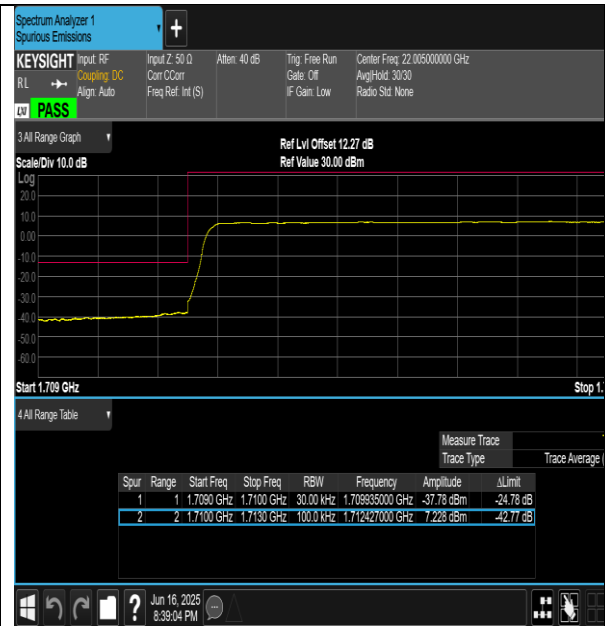
**Band66-3MHz-16QAM-131987-15RB#0-PASS**



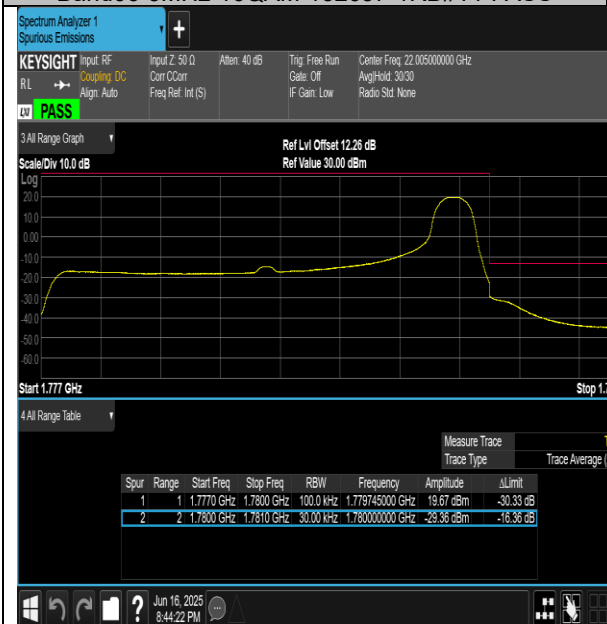
**BUREAU VERITAS** Test Report No.: PSU-QSU2506090109RF04



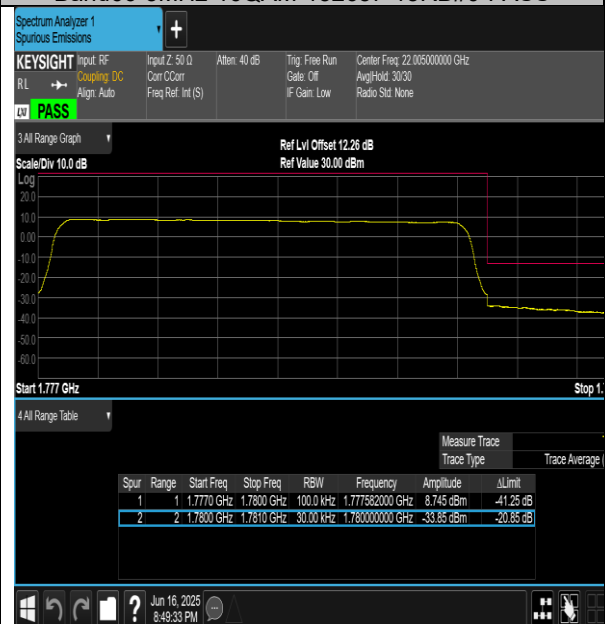
**Band66-3MHz-16QAM-132657-1RB#14-PASS**



**Band66-3MHz-16QAM-132657-15RB#0-PASS**



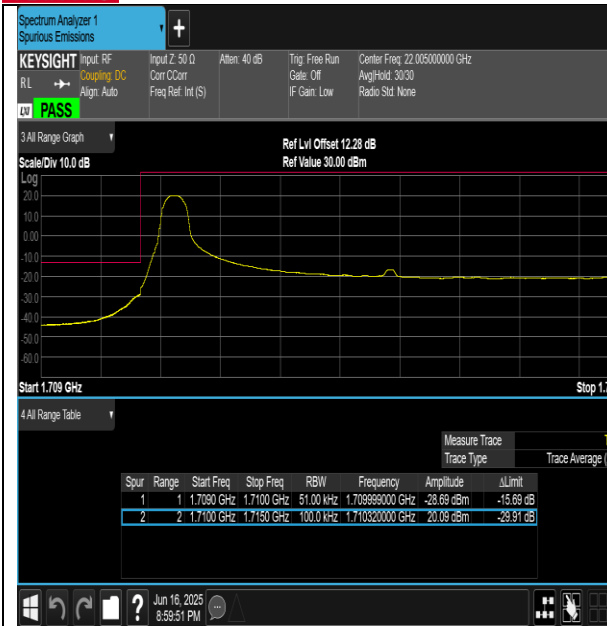
**Band66-5MHz-QPSK-131997-1RB#0-PASS**



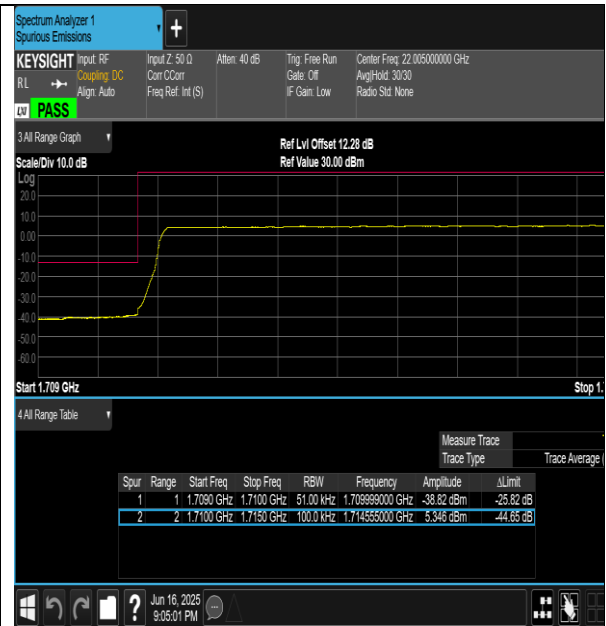
**Band66-5MHz-QPSK-131997-25RB#0-PASS**



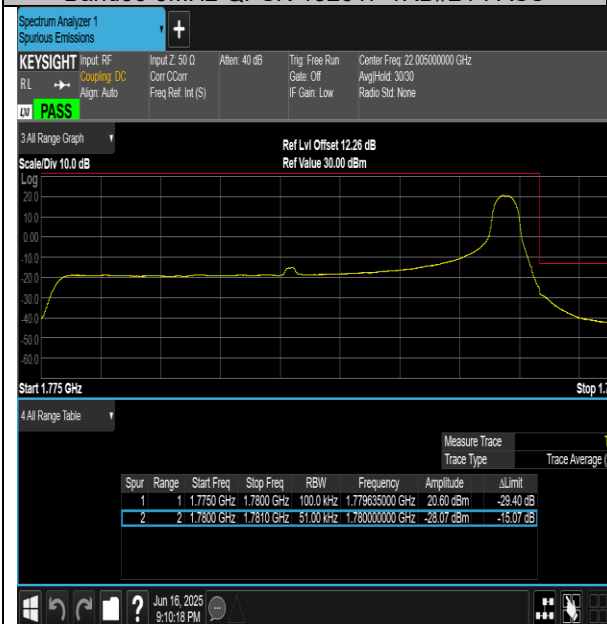
**BUREAU VERITAS** Test Report No.: PSU-QSU2506090109RF04



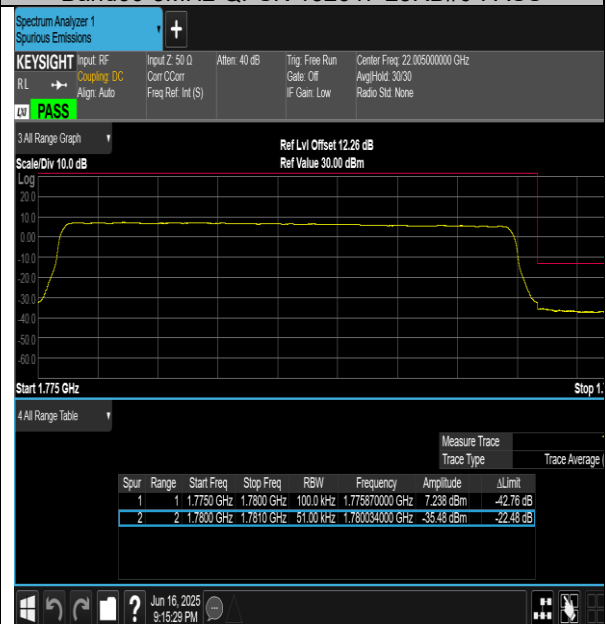
**Band66-5MHz-QPSK-132647-1RB#24-PASS**



**Band66-5MHz-QPSK-132647-25RB#0-PASS**



**Band66-5MHz-16QAM-131997-1RB#0-PASS**

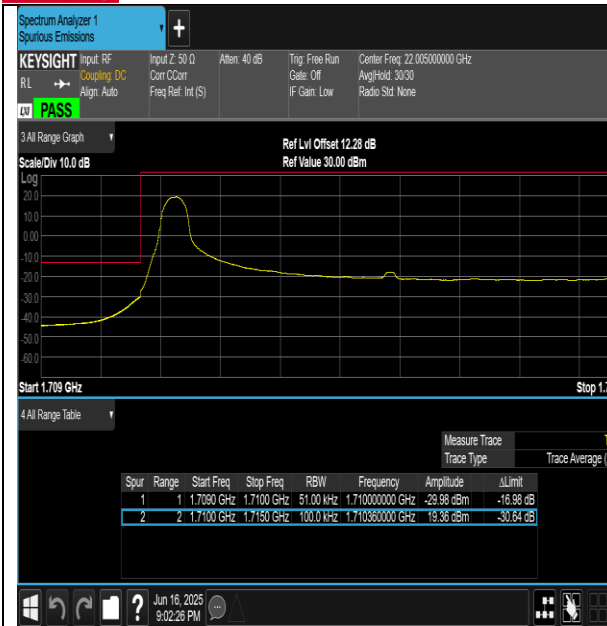


**Band66-5MHz-16QAM-131997-25RB#0-PASS**

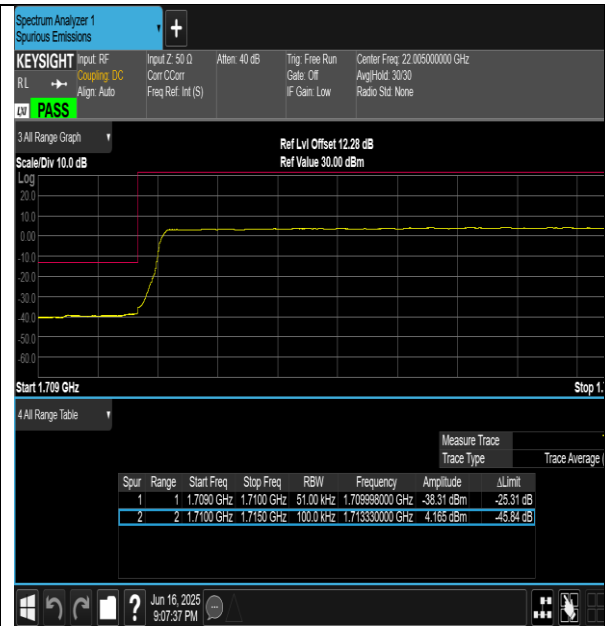




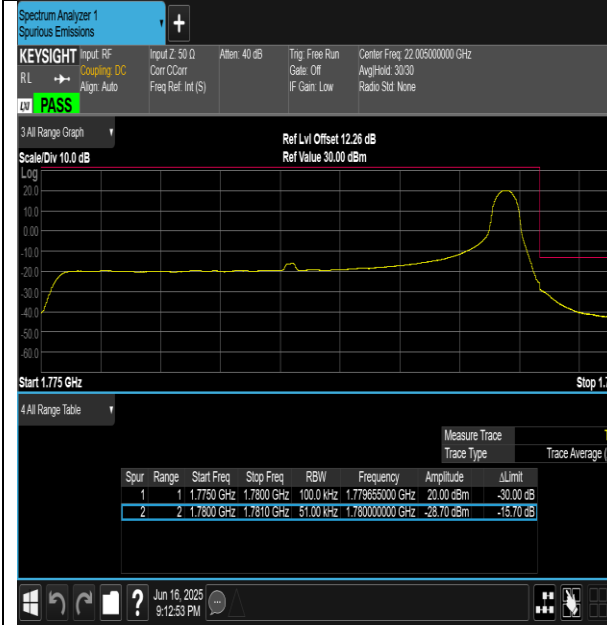
**BUREAU VERITAS** Test Report No.: PSU-QSU2506090109RF04



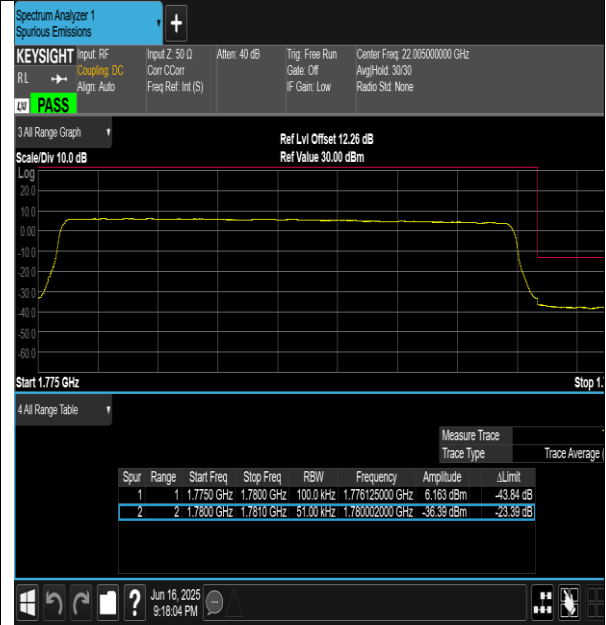
**Band66-5MHz-16QAM-132647-1RB#24-PASS**



**Band66-5MHz-16QAM-132647-25RB#0-PASS**



**Band66-10MHz-QPSK-132022-1RB#0-PASS**



**Band66-10MHz-QPSK-132022-50RB#0-PASS**