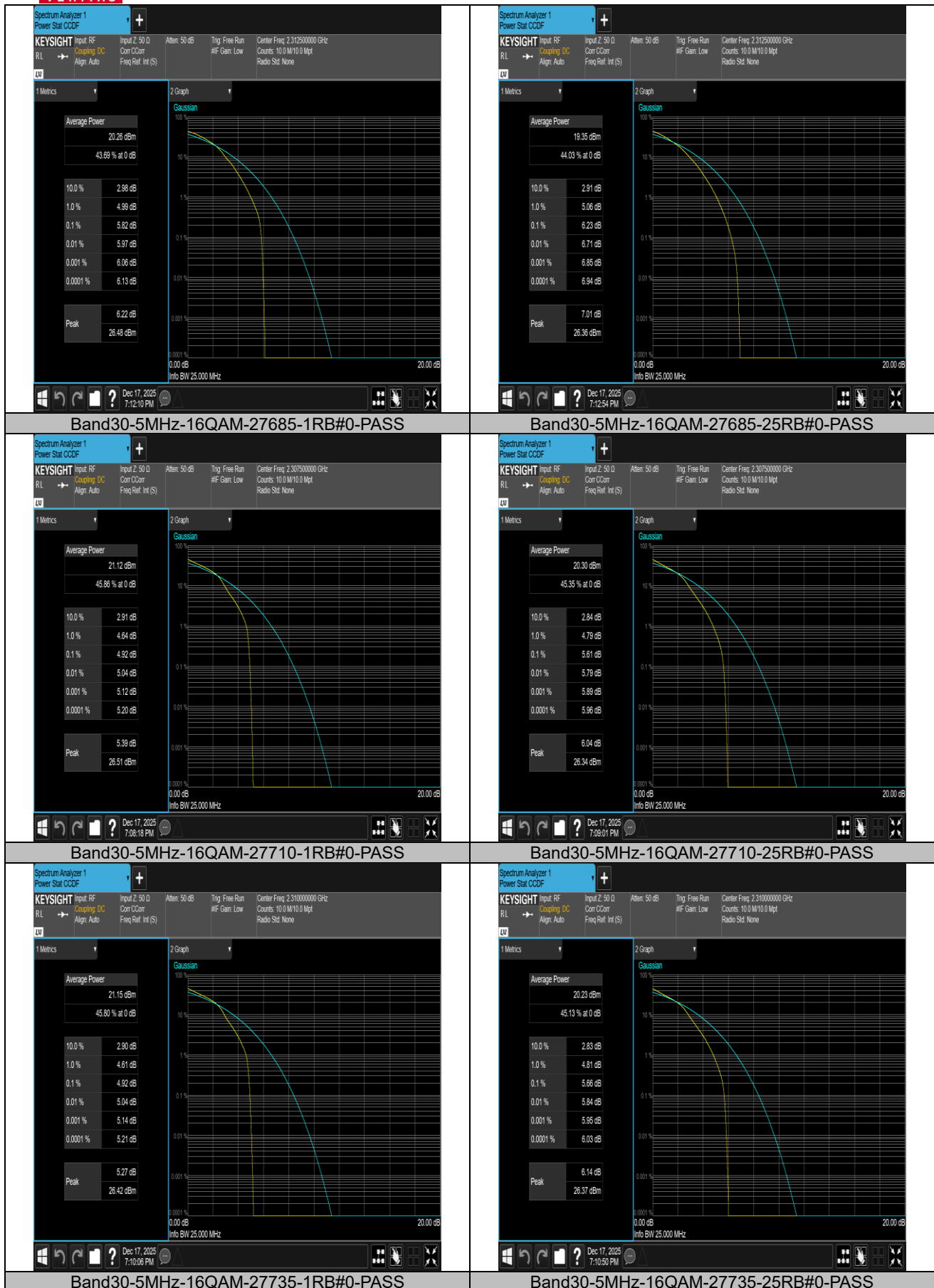
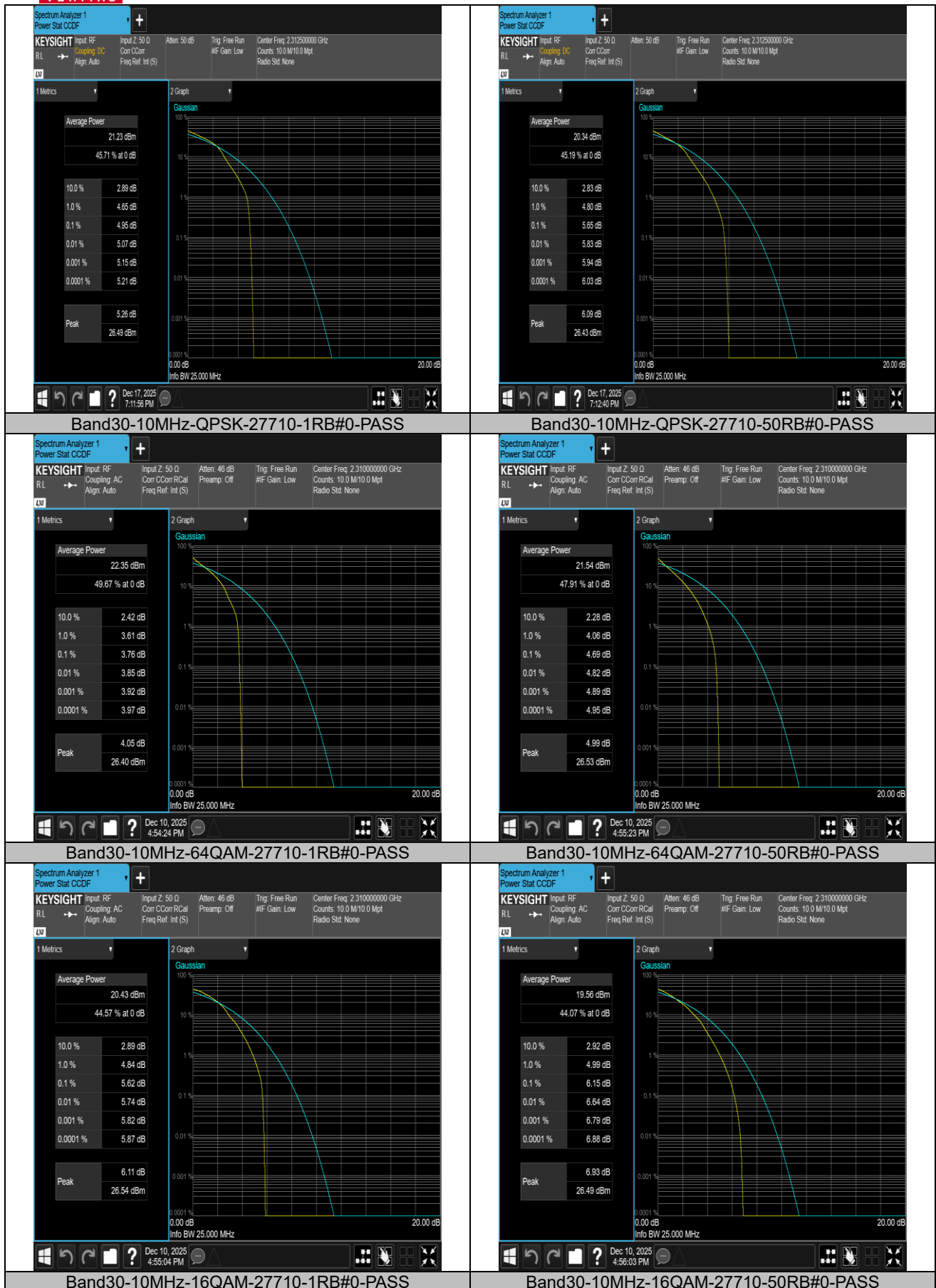
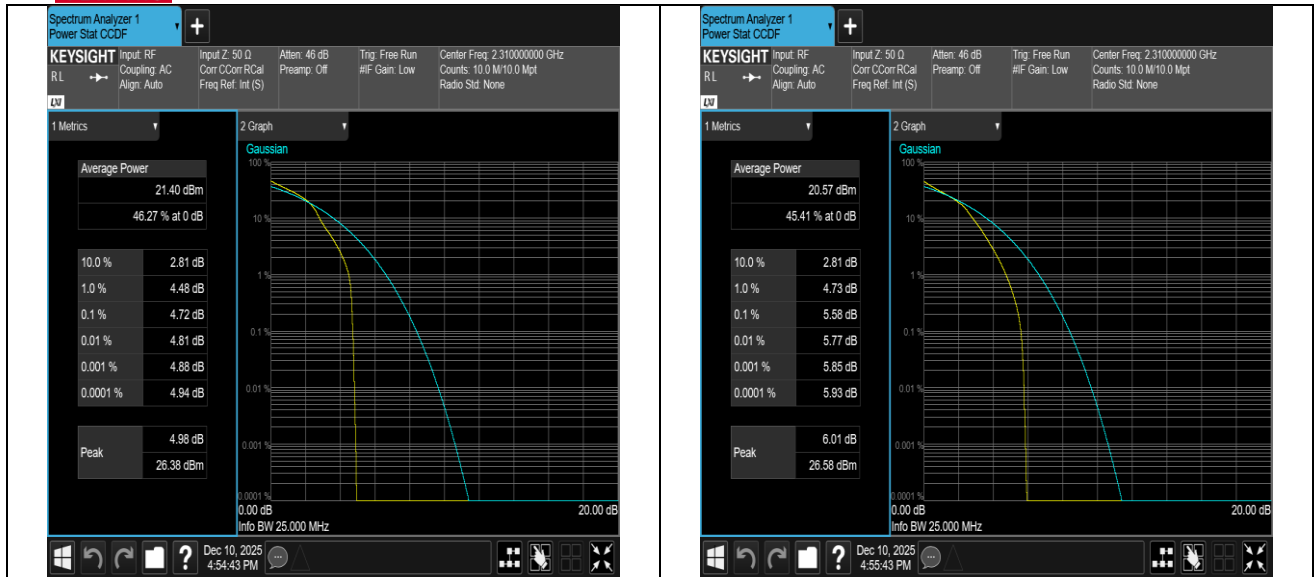










26dB Bandwidth and Occupied Bandwidth

Test Result

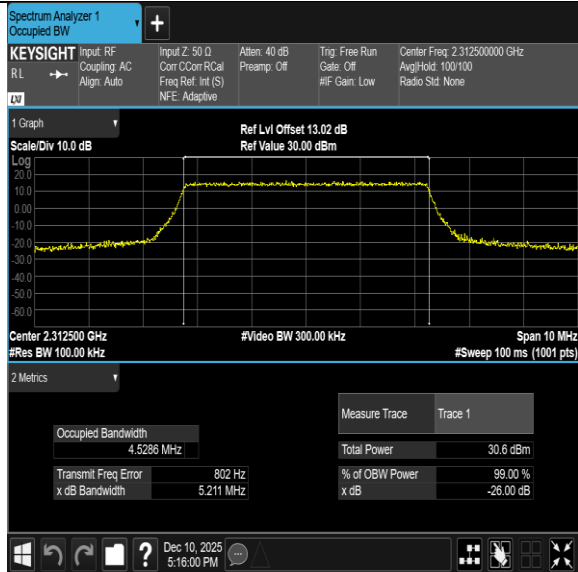
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band30	5MHz	QPSK	27685	25RB#0	4.5251	5.140	PASS
Band30	5MHz	QPSK	27710	25RB#0	4.5217	5.217	PASS
Band30	5MHz	QPSK	27735	25RB#0	4.5286	5.211	PASS
Band30	5MHz	64QAM	27685	25RB#0	4.5209	5.157	PASS
Band30	5MHz	64QAM	27710	25RB#0	4.5298	5.188	PASS
Band30	5MHz	64QAM	27735	25RB#0	4.5366	5.158	PASS
Band30	5MHz	16QAM	27685	25RB#0	4.5262	5.215	PASS
Band30	5MHz	16QAM	27710	25RB#0	4.5271	5.161	PASS
Band30	5MHz	16QAM	27735	25RB#0	4.5289	5.234	PASS
Band30	10MHz	QPSK	27710	50RB#0	9.0207	10.05	PASS
Band30	10MHz	64QAM	27710	50RB#0	9.0018	10.05	PASS
Band30	10MHz	16QAM	27710	50RB#0	9.0231	10.13	PASS

Test Graphs

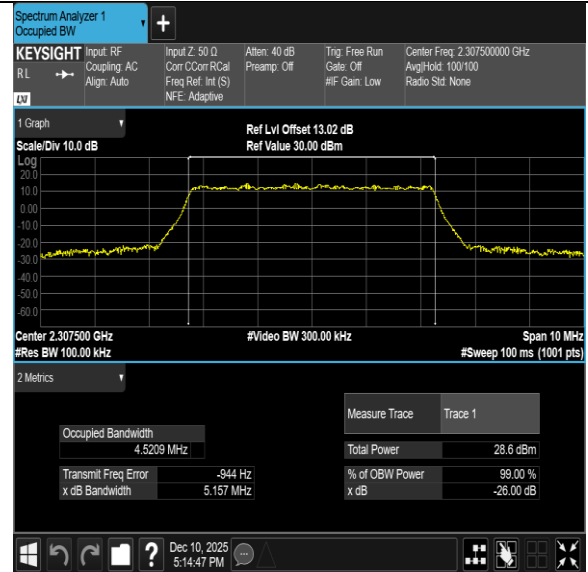




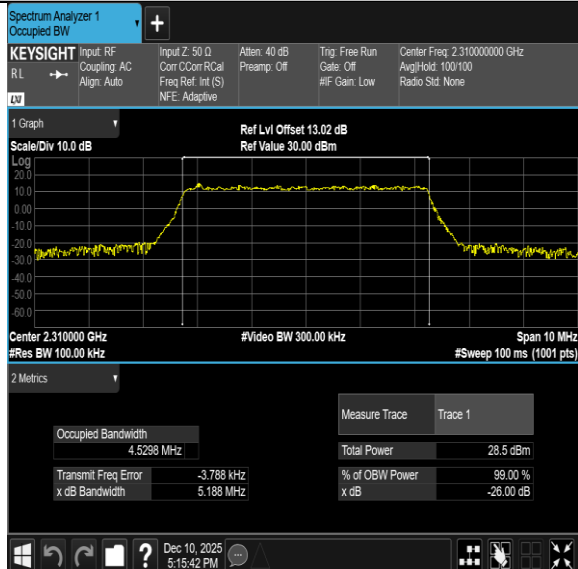
BUREAU VERITAS Test Report No.: PSU-QBJ2512030110RF07



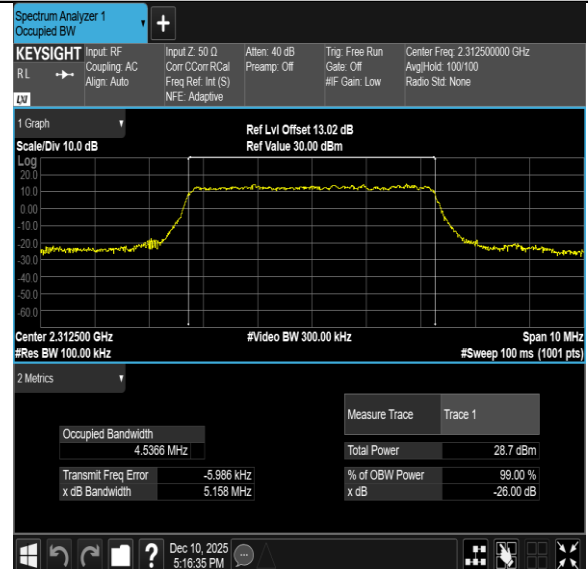
Band30-5MHz-64QAM-27710-25RB#0-PASS



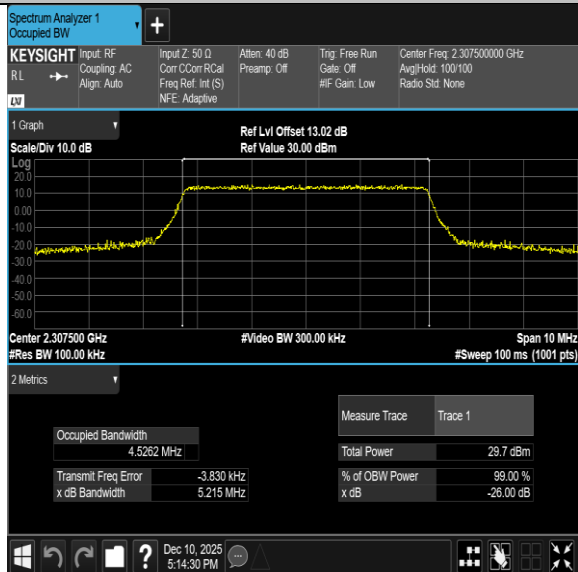
Band30-5MHz-64QAM-27735-25RB#0-PASS



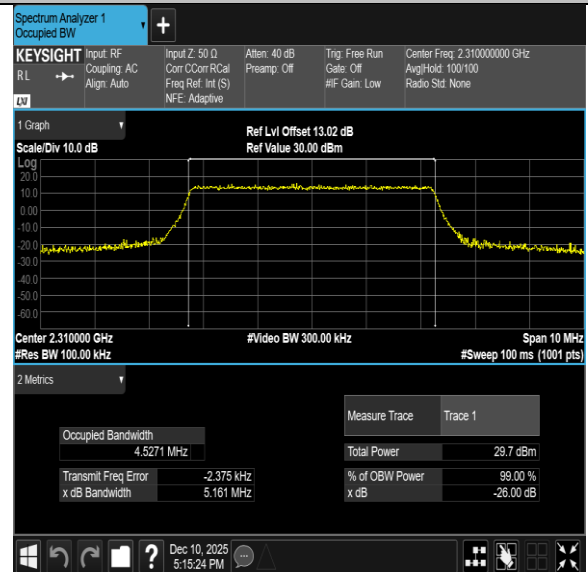
Band30-5MHz-16QAM-27685-25RB#0-PASS



Band30-5MHz-16QAM-27710-25RB#0-PASS



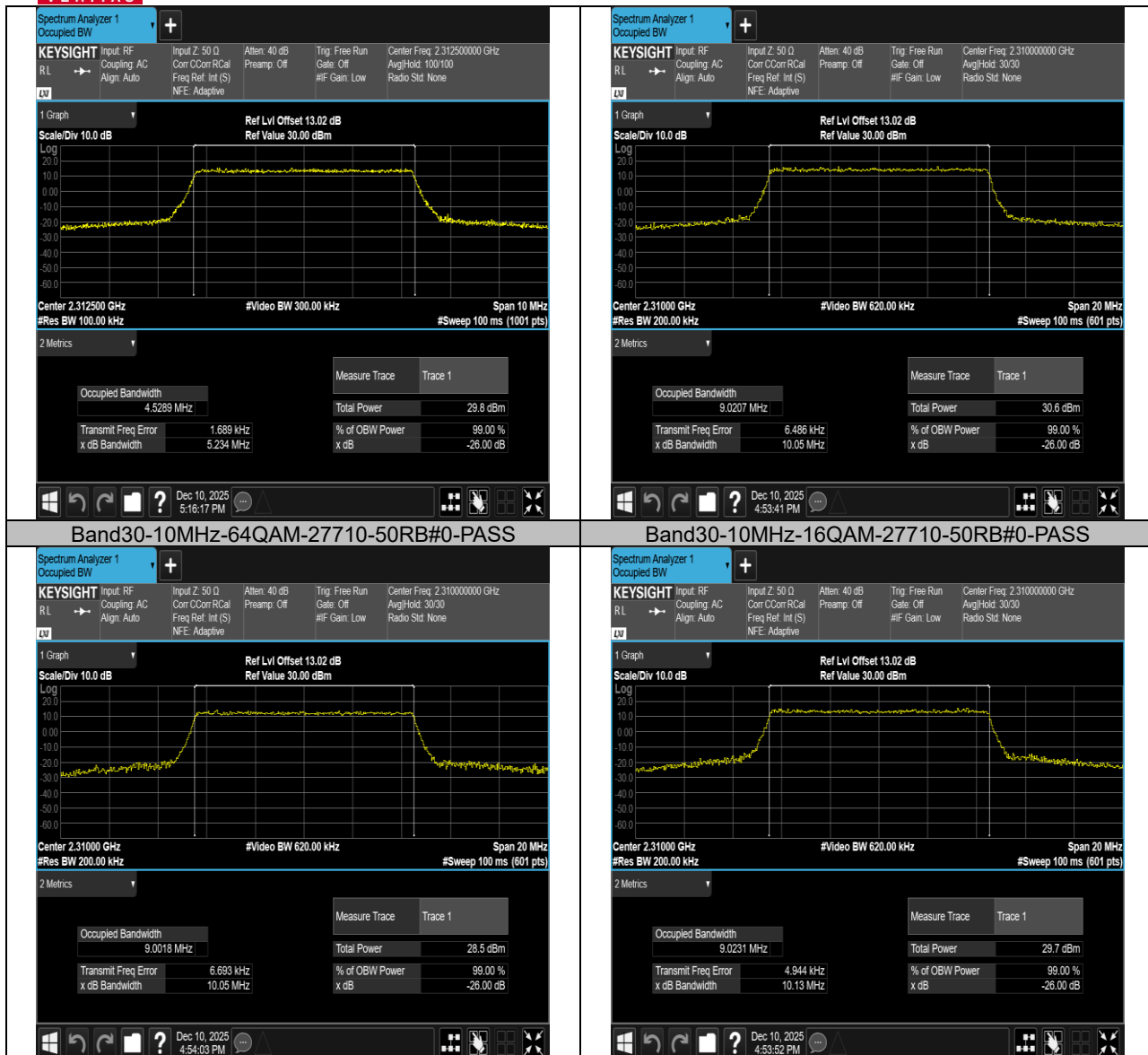
Band30-5MHz-16QAM-27735-25RB#0-PASS



Band30-10MHz-QPSK-27710-50RB#0-PASS



BUREAU VERITAS Test Report No.: PSU-QBJ2512030110RF07





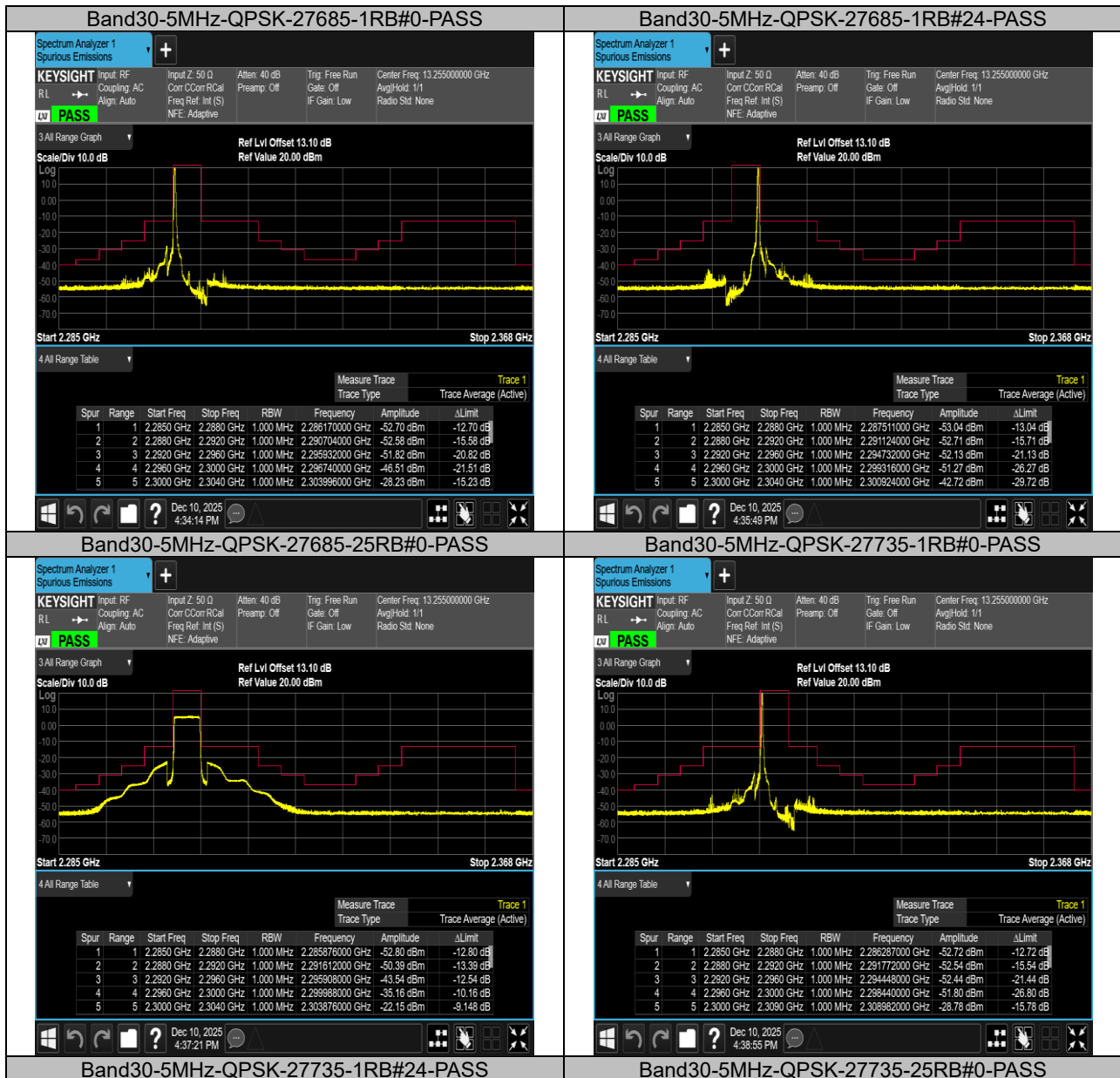
Band Edge

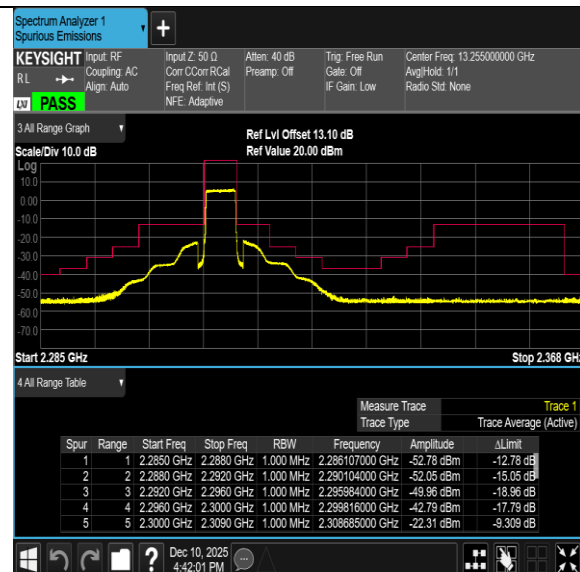
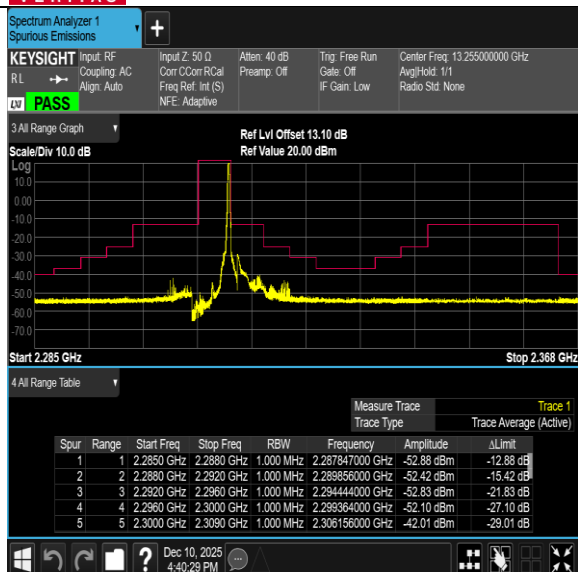
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band30	5MHz	QPSK	27685	1RB#0	-21.92	PASS
Band30	5MHz	QPSK	27685	1RB#24	-21.64	PASS
Band30	5MHz	QPSK	27685	25RB#0	-22.15	PASS
Band30	5MHz	QPSK	27735	1RB#0	-22.29	PASS
Band30	5MHz	QPSK	27735	1RB#24	-21.84	PASS
Band30	5MHz	QPSK	27735	25RB#0	-33.17	PASS
Band30	5MHz	64QAM	27685	1RB#0	-24.46	PASS
Band30	5MHz	64QAM	27685	1RB#24	-24.18	PASS
Band30	5MHz	64QAM	27685	25RB#0	-35.90	PASS
Band30	5MHz	64QAM	27735	1RB#0	-23.60	PASS
Band30	5MHz	64QAM	27735	1RB#24	-23.77	PASS
Band30	5MHz	64QAM	27735	25RB#0	-33.72	PASS
Band30	5MHz	16QAM	27685	1RB#0	-22.71	PASS
Band30	5MHz	16QAM	27685	1RB#24	-23.08	PASS
Band30	5MHz	16QAM	27685	25RB#0	-34.71	PASS
Band30	5MHz	16QAM	27735	1RB#0	-22.71	PASS
Band30	5MHz	16QAM	27735	1RB#24	-22.76	PASS
Band30	5MHz	16QAM	27735	25RB#0	-32.55	PASS
Band30	10MHz	QPSK	27710	1RB#0	-52.13	PASS
Band30	10MHz	QPSK	27710	1RB#49	-51.98	PASS
Band30	10MHz	QPSK	27710	50RB#0	-26.31	PASS
Band30	10MHz	64QAM	27710	1RB#0	-52.21	PASS
Band30	10MHz	64QAM	27710	1RB#49	-52.04	PASS
Band30	10MHz	64QAM	27710	50RB#0	-41.50	PASS
Band30	10MHz	16QAM	27710	1RB#0	-52.53	PASS
Band30	10MHz	16QAM	27710	1RB#49	-51.76	PASS
Band30	10MHz	16QAM	27710	50RB#0	-40.19	PASS



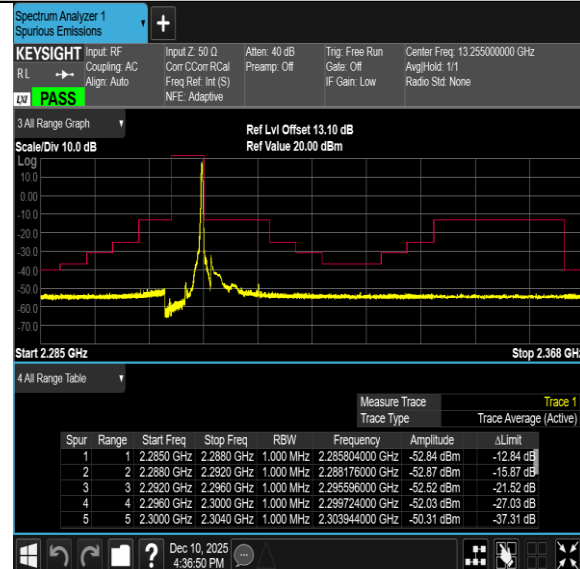
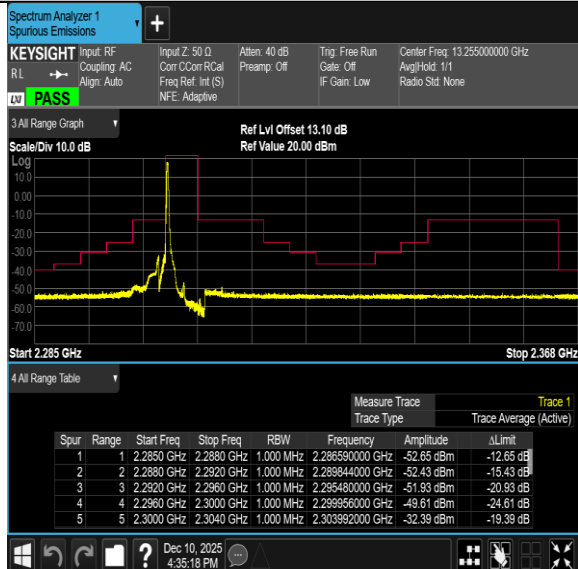
Test Graphs





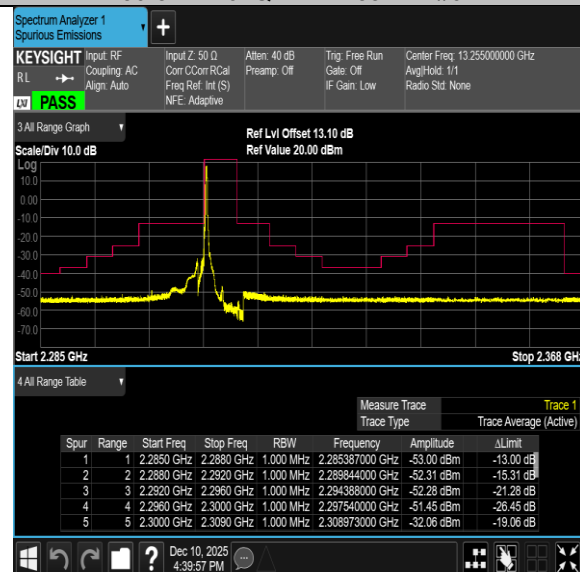
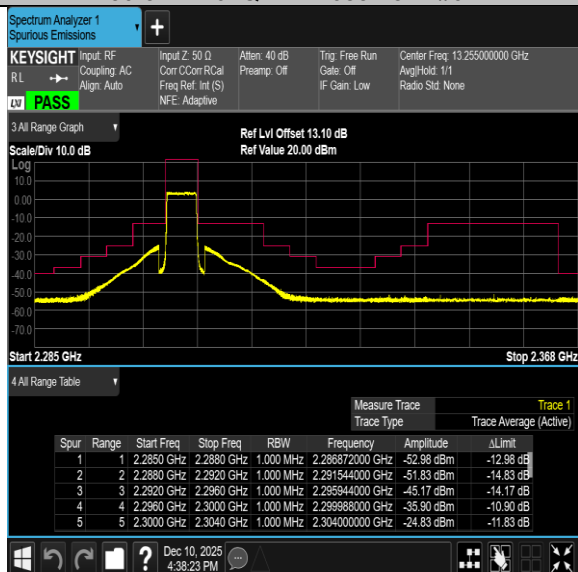
Band30-5MHz-64QAM-27685-1RB#0-PASS

Band30-5MHz-64QAM-27685-1RB#24-PASS



Band30-5MHz-64QAM-27685-25RB#0-PASS

Band30-5MHz-64QAM-27735-1RB#0-PASS

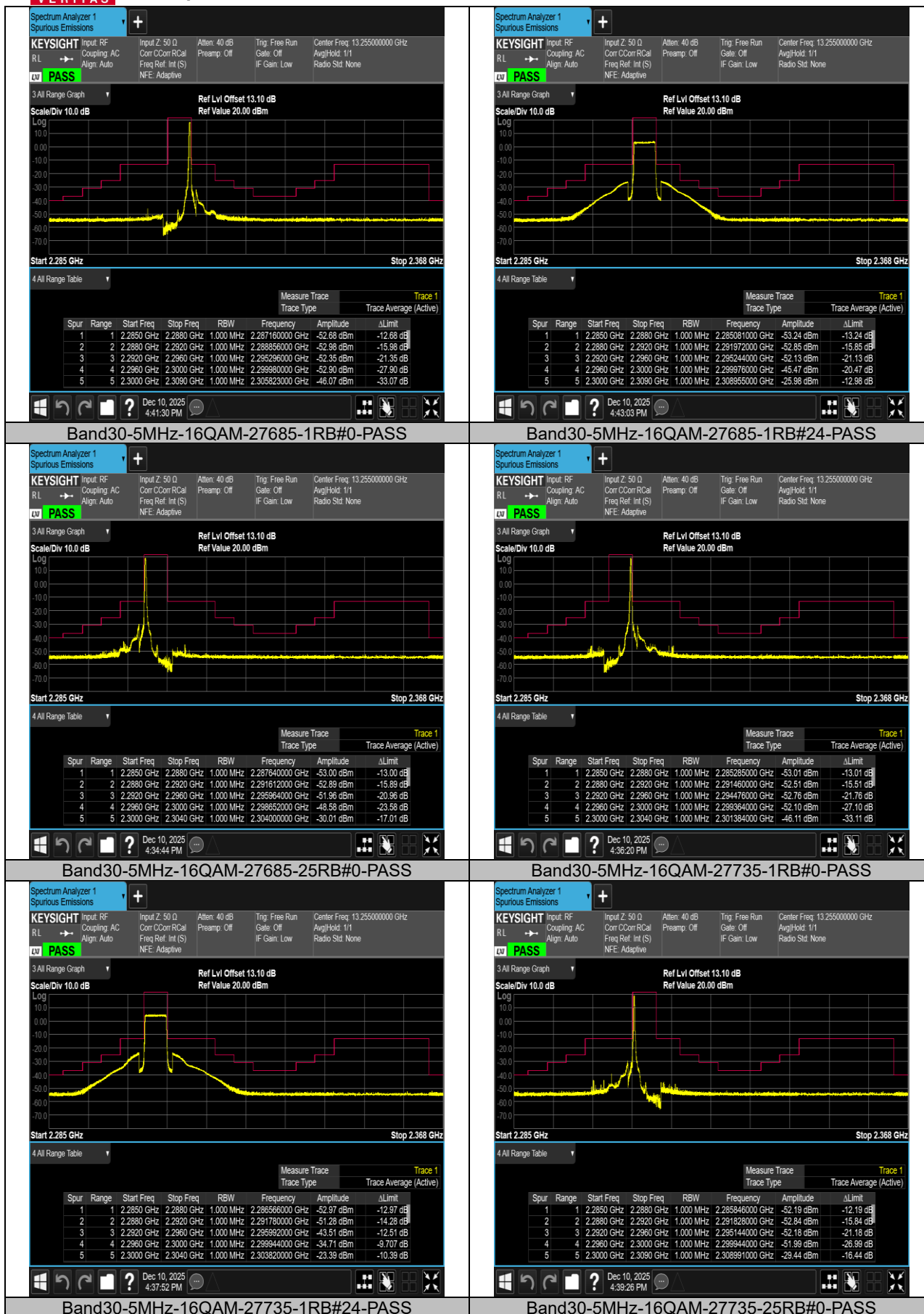


Band30-5MHz-64QAM-27735-1RB#24-PASS

Band30-5MHz-64QAM-27735-25RB#0-PASS

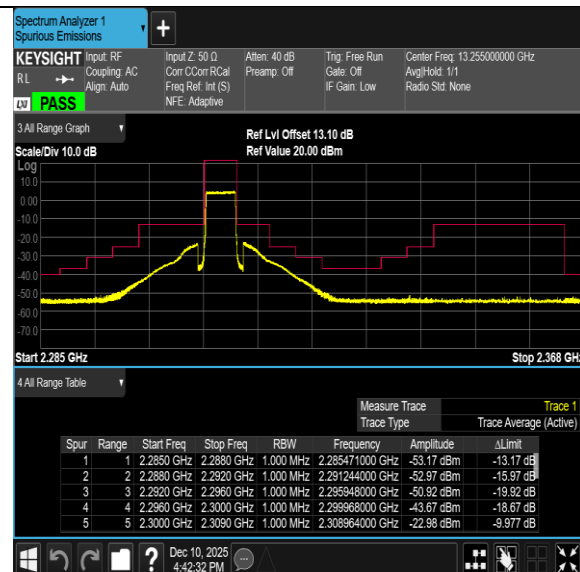
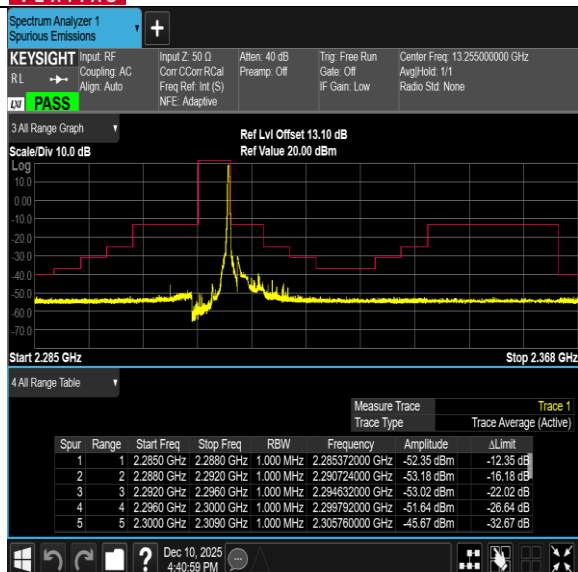


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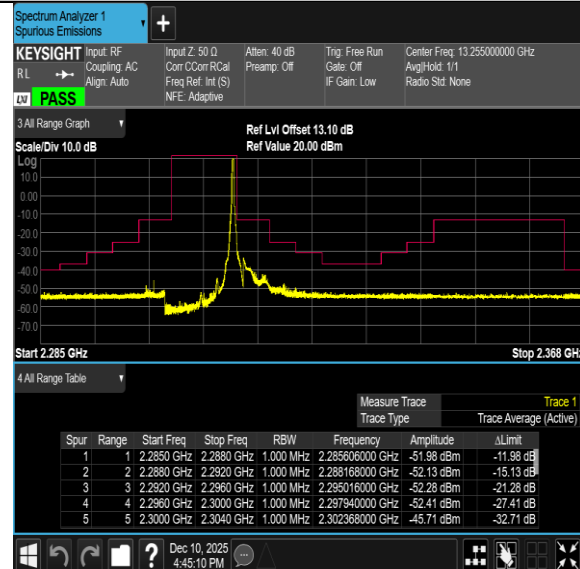
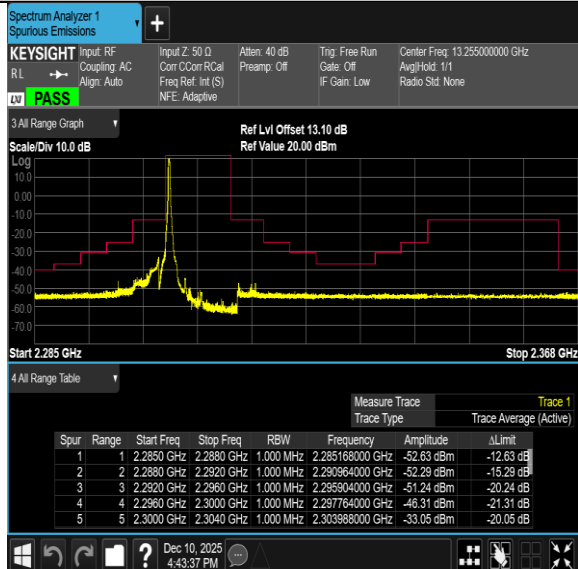


BUREAU VERITAS Test Report No.: PSU-QBJ2512030110RF07



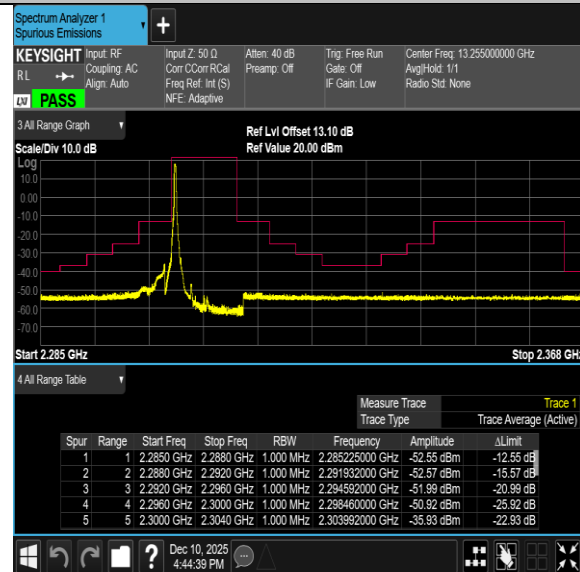
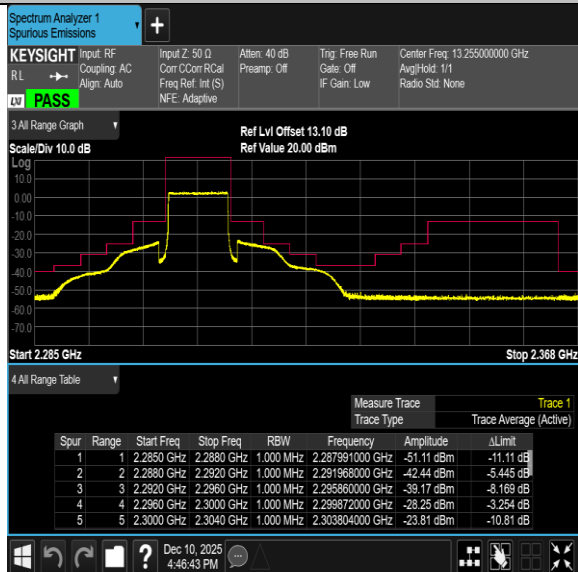
Band30-10MHz-QPSK-27710-1RB#0-PASS

Band30-10MHz-QPSK-27710-1RB#49-PASS



Band30-10MHz-QPSK-27710-50RB#0-PASS

Band30-10MHz-64QAM-27710-1RB#0-PASS

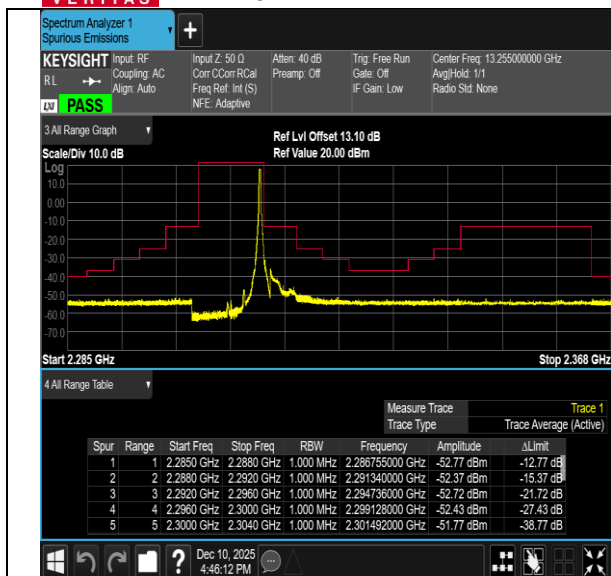


Band30-10MHz-64QAM-27710-1RB#49-PASS

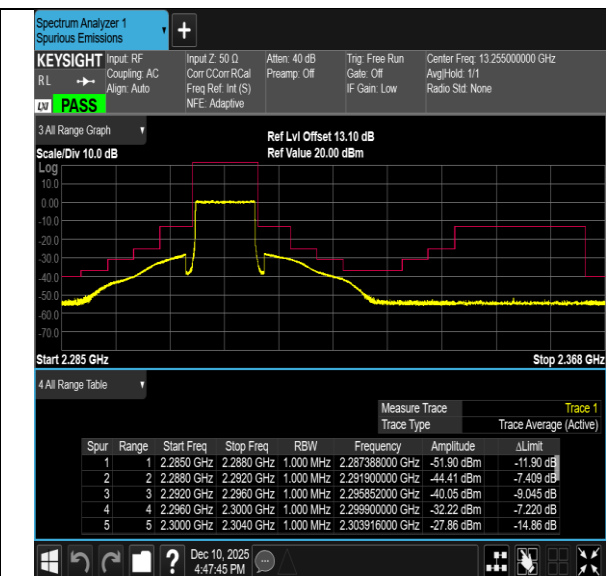
Band30-10MHz-64QAM-27710-50RB#0-PASS



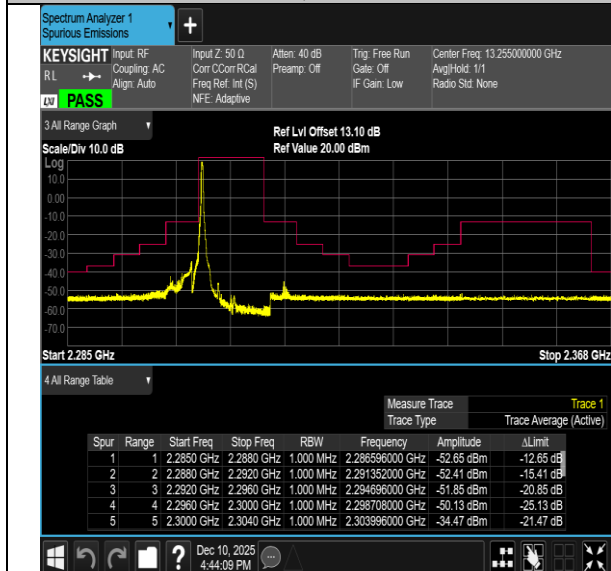
BUREAU VERITAS Test Report No.: PSU-QBJ2512030110RF07



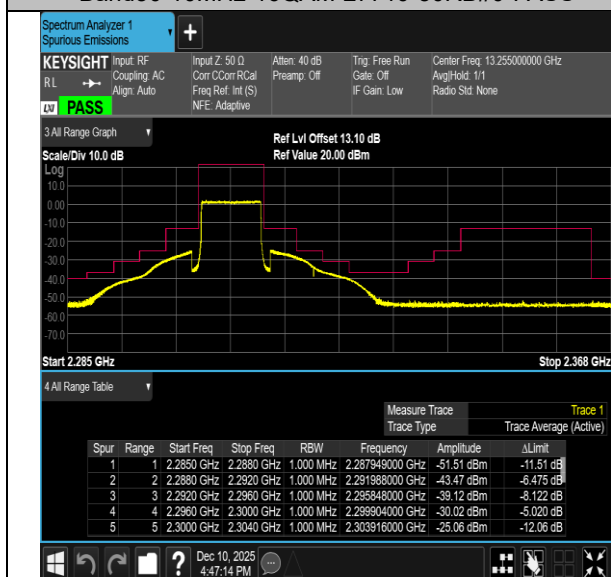
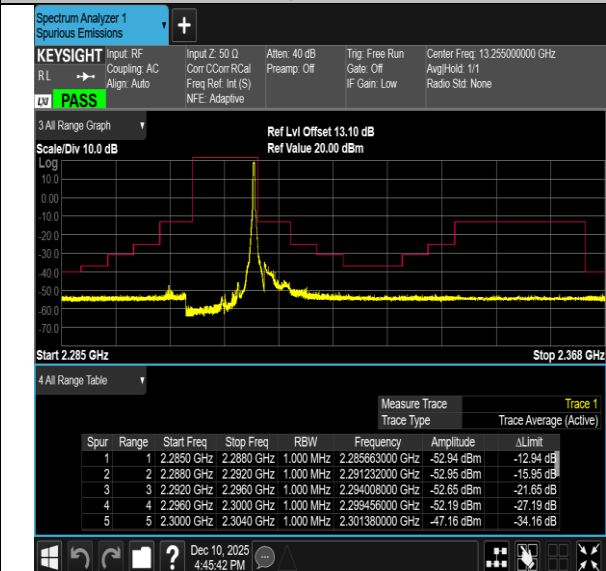
Band30-10MHz-16QAM-27710-1RB#0-PASS



Band30-10MHz-16QAM-27710-1RB#49-PASS



Band30-10MHz-16QAM-27710-50RB#0-PASS





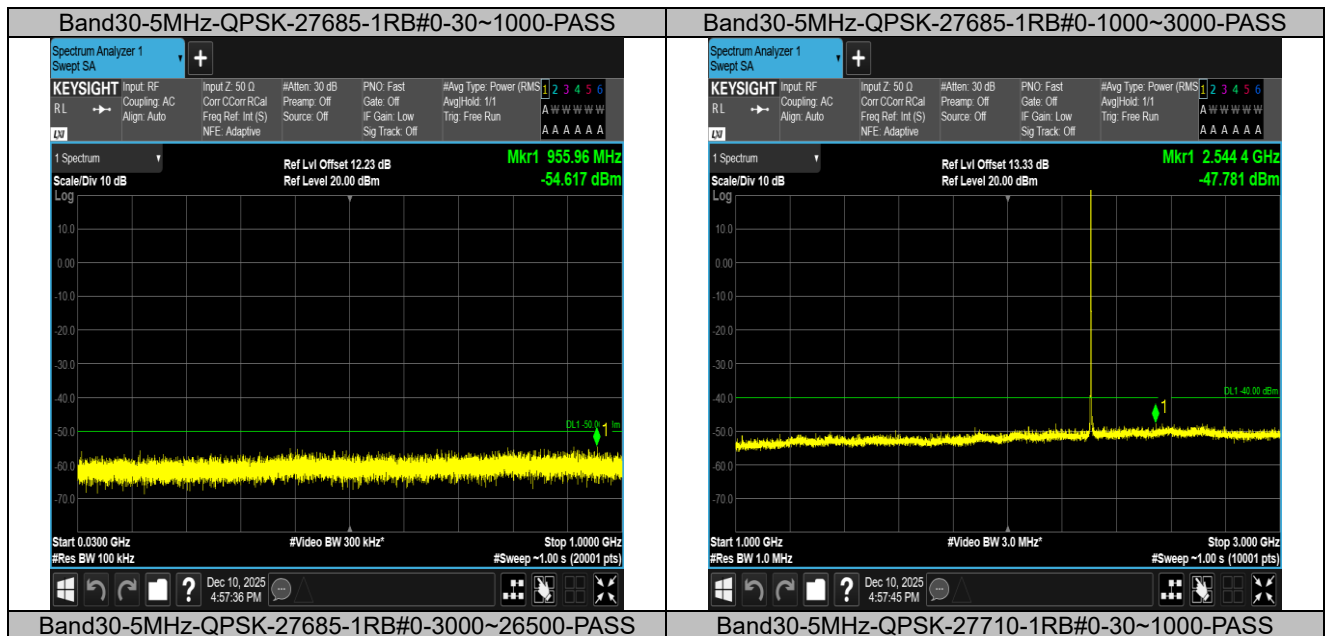


Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band30	5MHz	QPSK	27685	1RB#0	30~1000	-54.62	PASS
Band30	5MHz	QPSK	27685	1RB#0	1000~3000	-47.78	PASS
Band30	5MHz	QPSK	27685	1RB#0	3000~26500	-46.74	PASS
Band30	5MHz	QPSK	27710	1RB#0	30~1000	-54.54	PASS
Band30	5MHz	QPSK	27710	1RB#0	1000~3000	-47.85	PASS
Band30	5MHz	QPSK	27710	1RB#0	3000~26500	-47.51	PASS
Band30	5MHz	QPSK	27735	1RB#0	30~1000	-54.42	PASS
Band30	5MHz	QPSK	27735	1RB#0	1000~3000	-46.97	PASS
Band30	5MHz	QPSK	27735	1RB#0	3000~26500	-45.14	PASS
Band30	10MHz	QPSK	27710	1RB#0	30~1000	-54.47	PASS
Band30	10MHz	QPSK	27710	1RB#0	1000~3000	-47.75	PASS
Band30	10MHz	QPSK	27710	1RB#0	3000~26500	-47.08	PASS

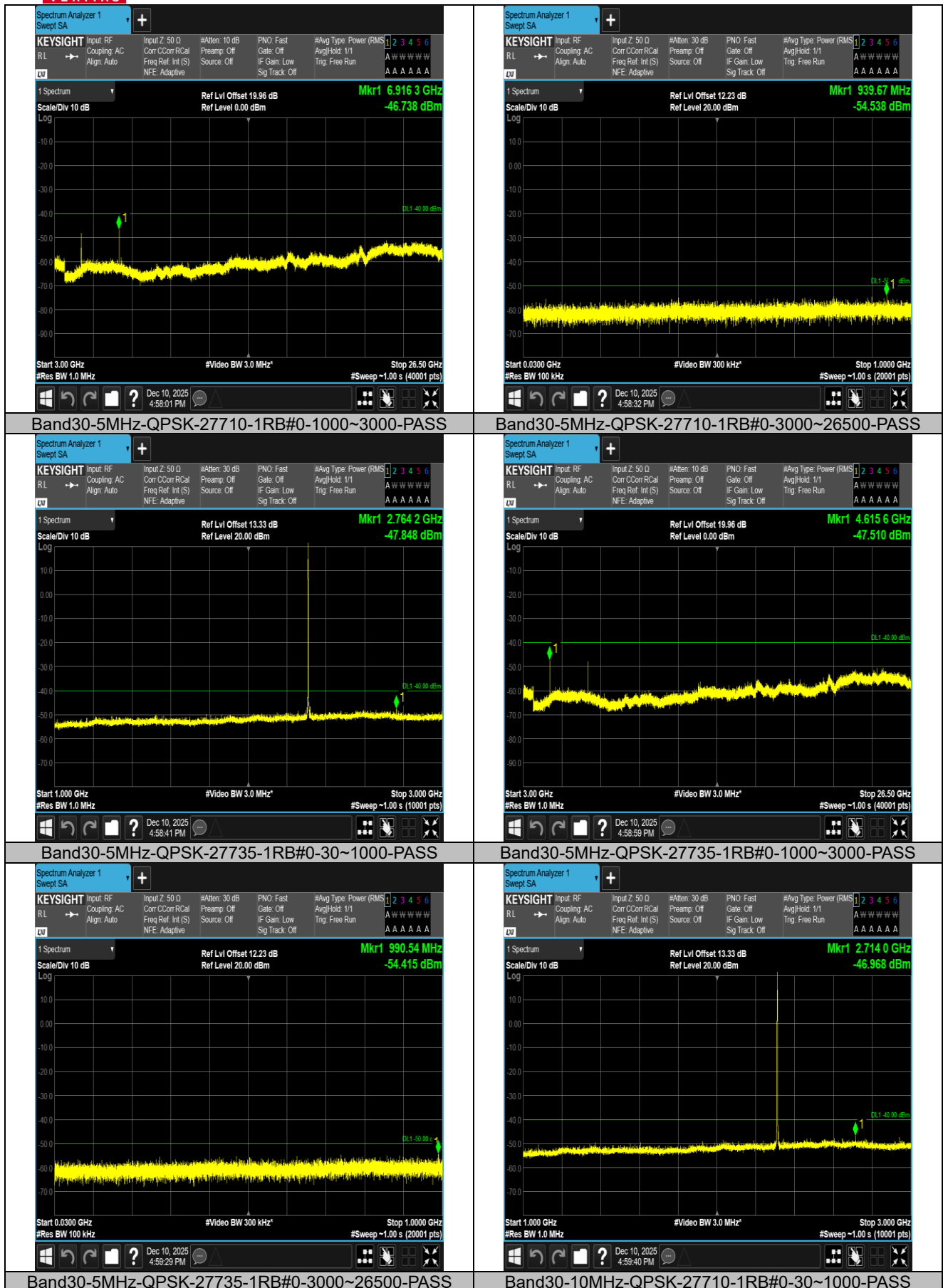
Test Graphs





BUREAU
VERITAS

Test Report No.: PSU-QBJ2512030110RF07



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

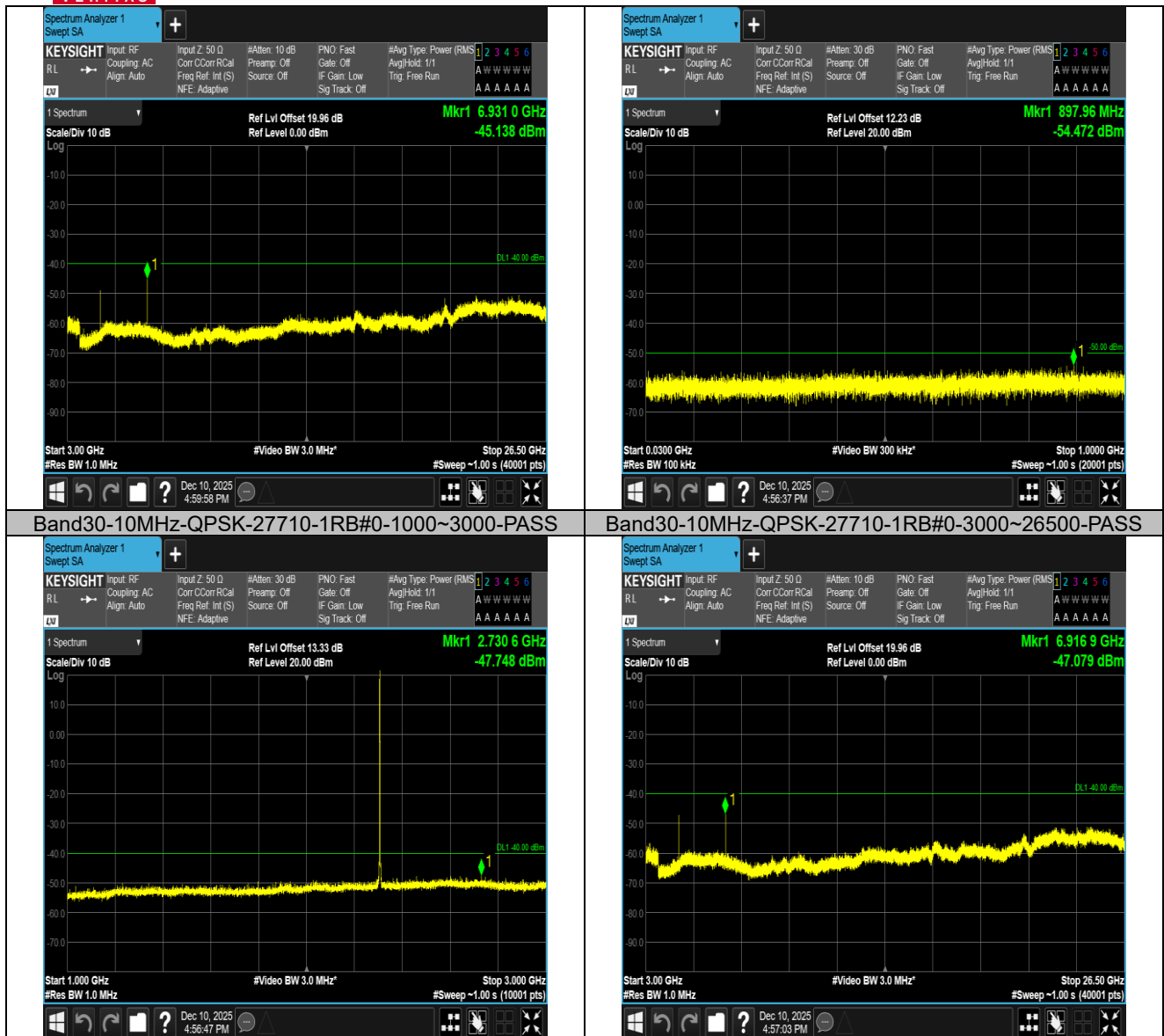
Tower N, Innovation Center, 88 Zuyi Road, High-tech
District, Suzhou City, Anhui Province, China

Tel: +86 (0557) 368 1008



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VERITAS

Test Report No.: PSU-QBJ2512030110RF07



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Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band30	5MHz	QPSK	27685	25RB#0	VN	NT	1040.00	0.450704	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	VL	NT	-300.00	-0.130011	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	VH	NT	-2980.00	-1.291441	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	VN	NT	-1550.00	-0.670270	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	VL	NT	-2210.00	-0.955676	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	VH	NT	-330.00	-0.142703	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band30	5MHz	QPSK	27685	25RB#0	NV	-30	-1810.00	-0.784399	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	NV	-20	250.00	0.108342	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	NV	-10	900.00	0.390033	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	NV	0	-2010.00	-0.871073	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	NV	10	-1380.00	-0.598050	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	NV	20	-2220.00	-0.962080	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	NV	30	150.00	0.065005	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	NV	40	120.00	0.052004	±2.5	PASS
Band30	5MHz	QPSK	27685	25RB#0	NV	50	-1120.00	-0.485374	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	NV	-30	150.00	0.064865	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	NV	-20	-310.00	-0.134054	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	NV	-10	-2050.00	-0.886486	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	NV	0	-1290.00	-0.557838	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	NV	10	-2440.00	-1.055135	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	NV	20	460.00	0.198919	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	NV	30	-590.00	-0.255135	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	NV	40	-1700.00	-0.735135	±2.5	PASS
Band30	5MHz	QPSK	27735	25RB#0	NV	50	1260.00	0.544865	±2.5	PASS



NR BAND N30

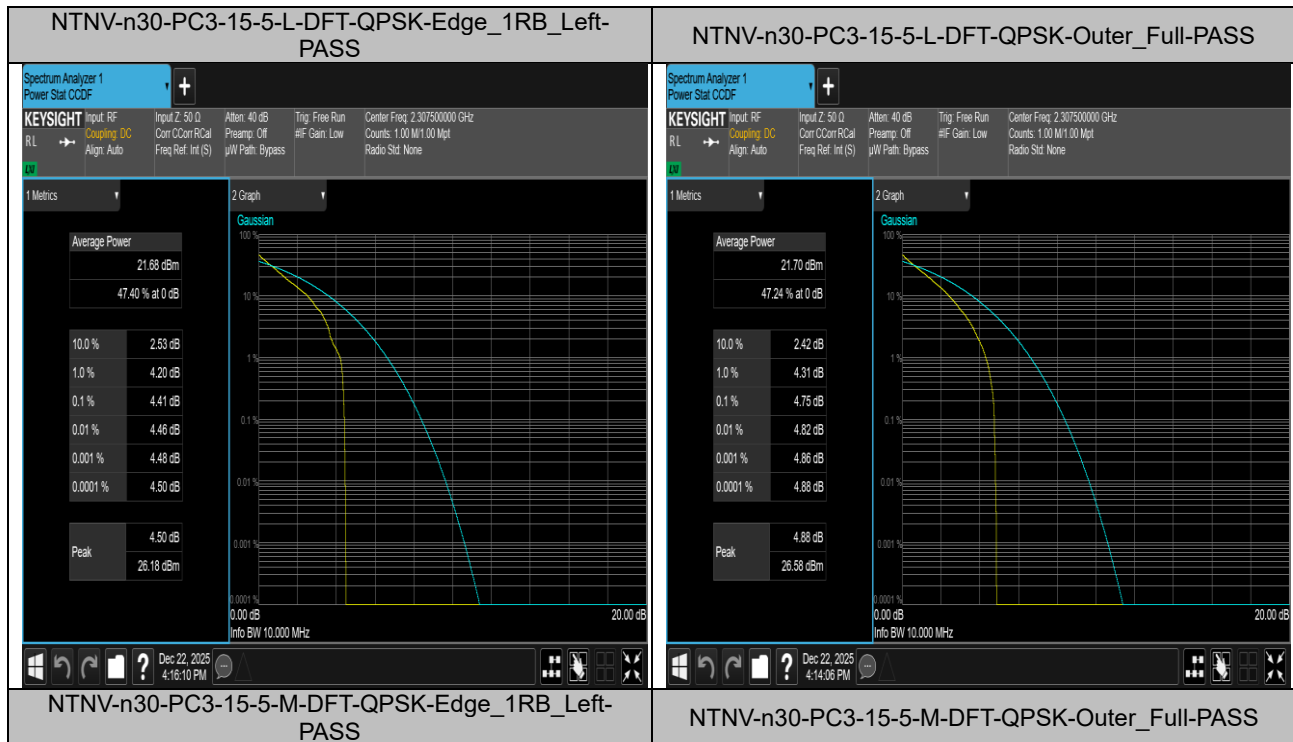
Peak-to-Average Ratio for SA

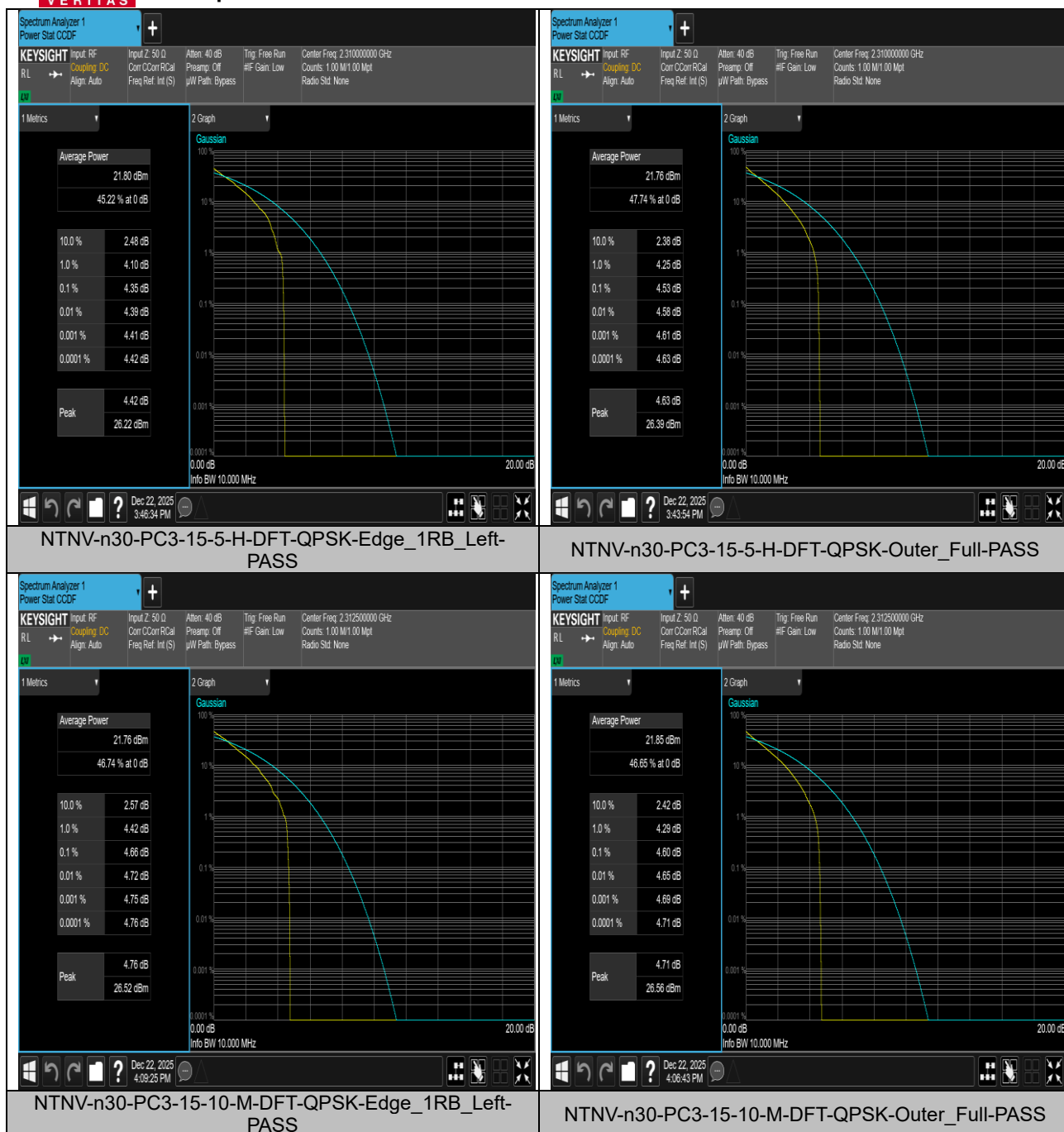
Peak-to-Average Ratio(CCDF)

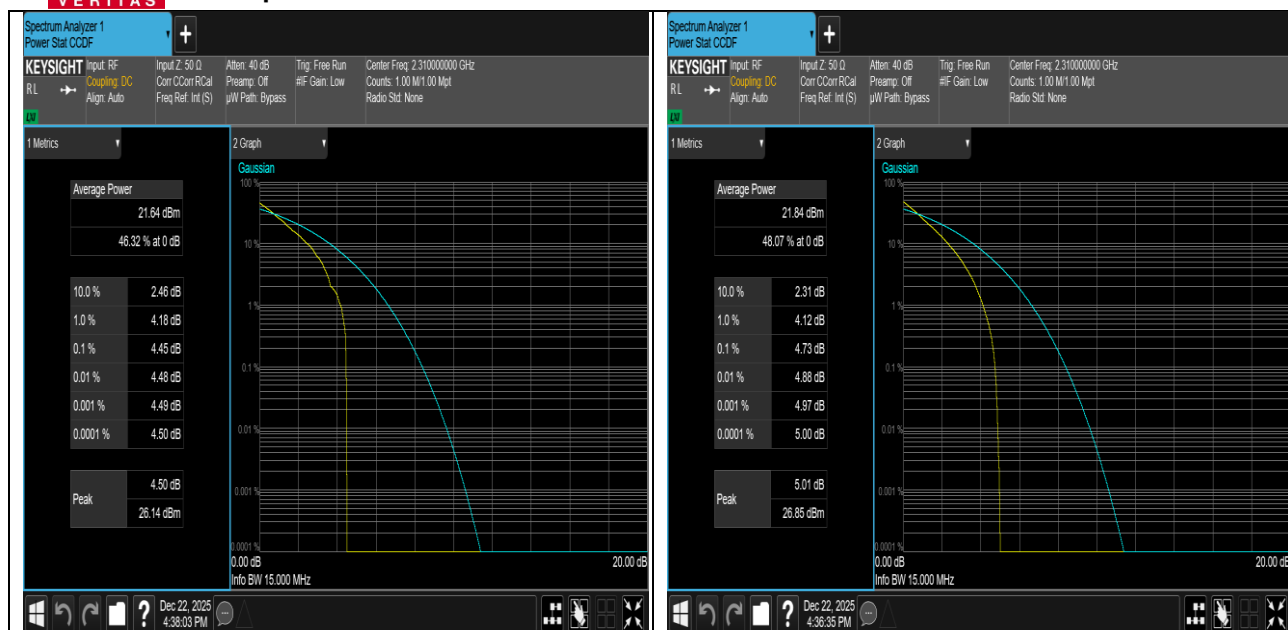
Test Result

Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Result (dB)	Limit	Verdict
n30	15	5	DFT-QPSK	L	Edge 1RB Left	4.41	≤13dB	PASS
n30	15	5	DFT-QPSK	L	Outer Full	4.75	≤13dB	PASS
n30	15	5	DFT-QPSK	M	Edge 1RB Left	4.35	≤13dB	PASS
n30	15	5	DFT-QPSK	M	Outer Full	4.53	≤13dB	PASS
n30	15	5	DFT-QPSK	H	Edge 1RB Left	4.66	≤13dB	PASS
n30	15	5	DFT-QPSK	H	Outer Full	4.6	≤13dB	PASS
n30	15	10	DFT-QPSK	M	Edge 1RB Left	4.45	≤13dB	PASS
n30	15	10	DFT-QPSK	M	Outer Full	4.73	≤13dB	PASS

Test Graphs











26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	OBW (MHz)	EBW (MHz)	Verdict
n30	15	5	DFT-BPSK	M	Outer_Full	4.5485	5.302	PASS
n30	15	5	DFT-QPSK	M	Outer_Full	4.5477	5.296	PASS
n30	15	5	DFT-16QAM	M	Outer_Full	4.5480	5.296	PASS
n30	15	5	DFT-64QAM	M	Outer_Full	4.5472	5.303	PASS
n30	15	5	DFT-256QAM	M	Outer_Full	4.5476	5.301	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	8.9741	9.834	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	8.9728	9.839	PASS
n30	15	10	DFT-16QAM	M	Outer_Full	8.9746	9.835	PASS
n30	15	10	DFT-64QAM	M	Outer_Full	8.9610	9.875	PASS
n30	15	10	DFT-256QAM	M	Outer_Full	9.0003	9.878	PASS

Test Graphs

