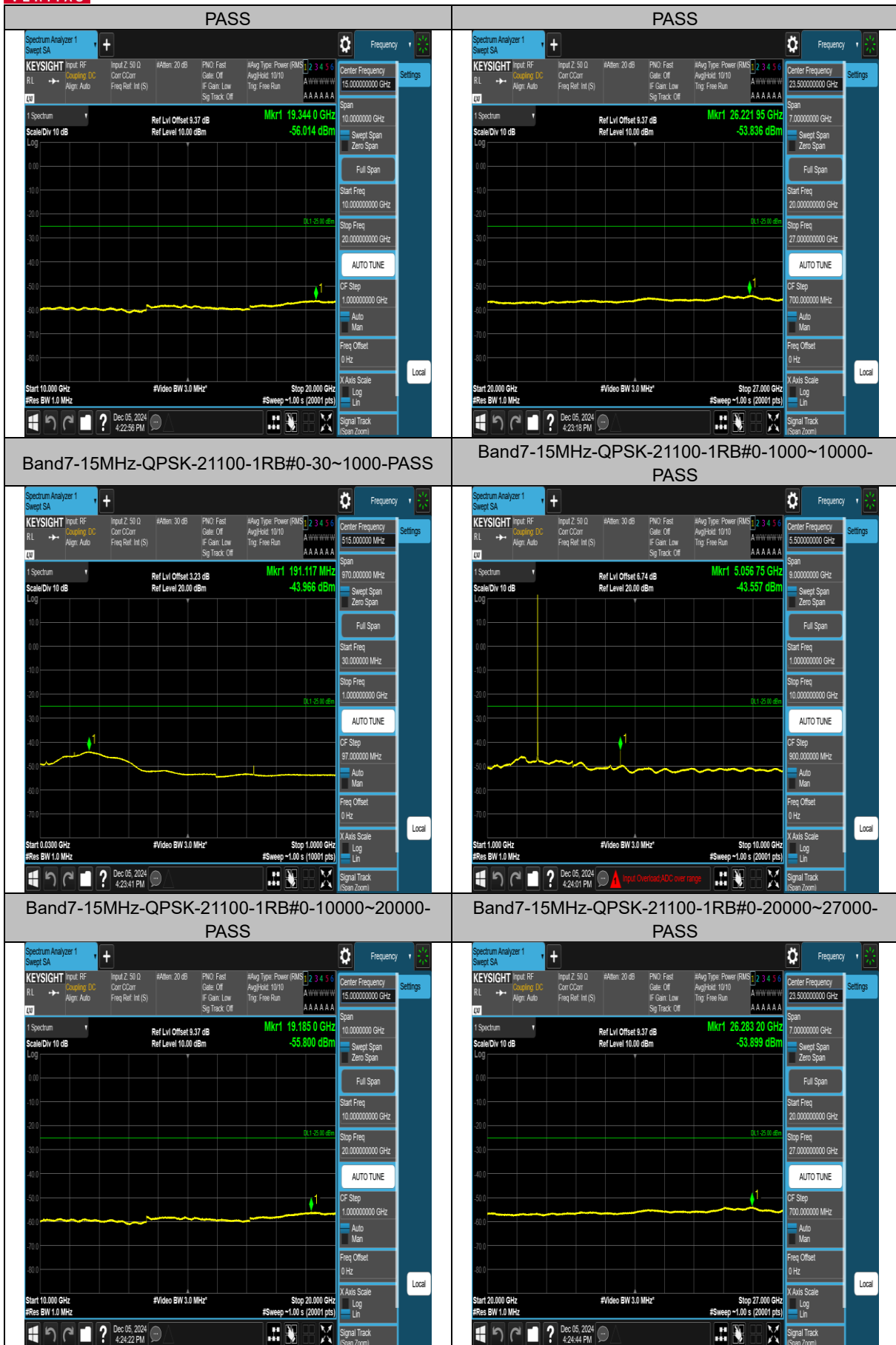
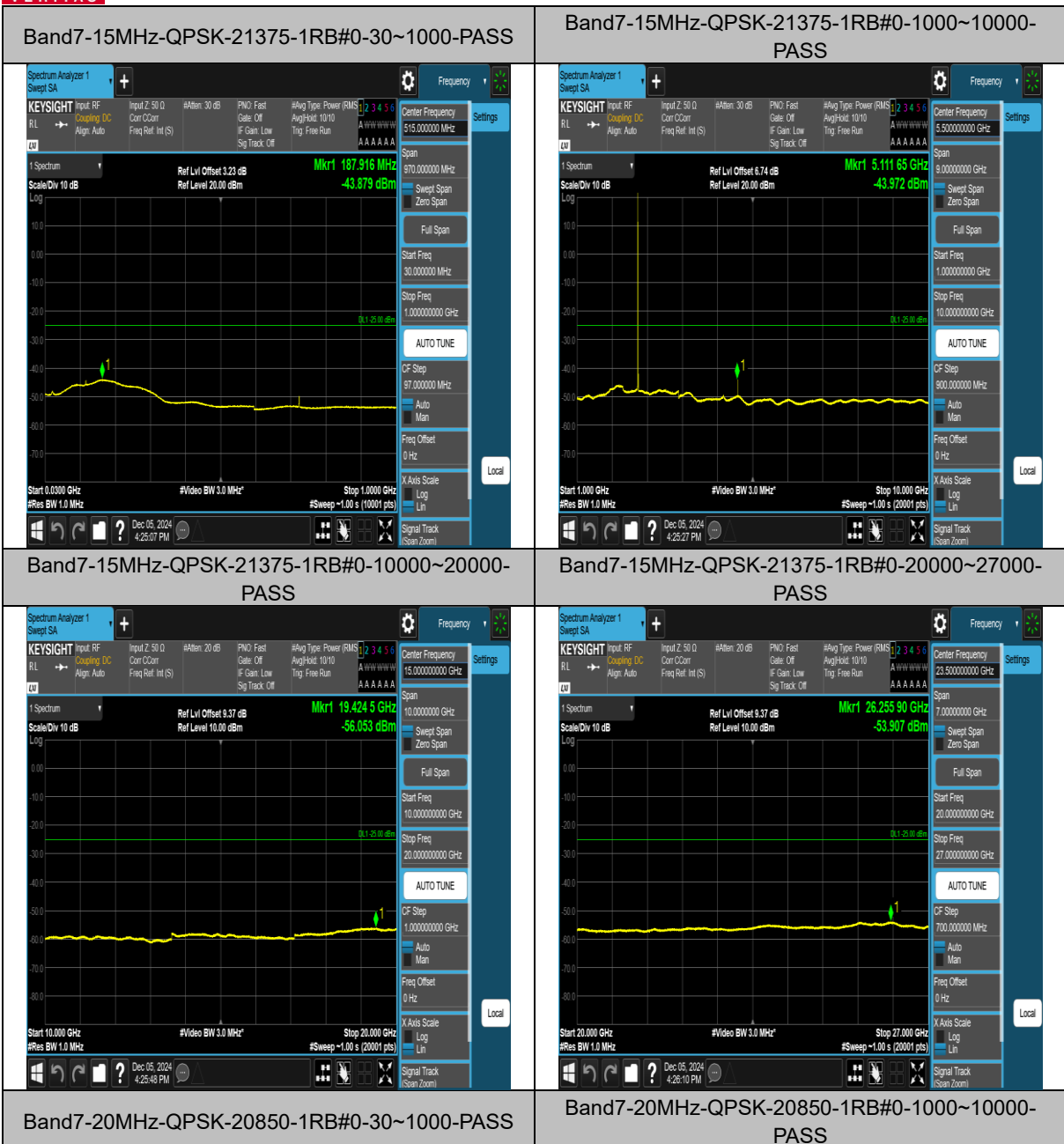




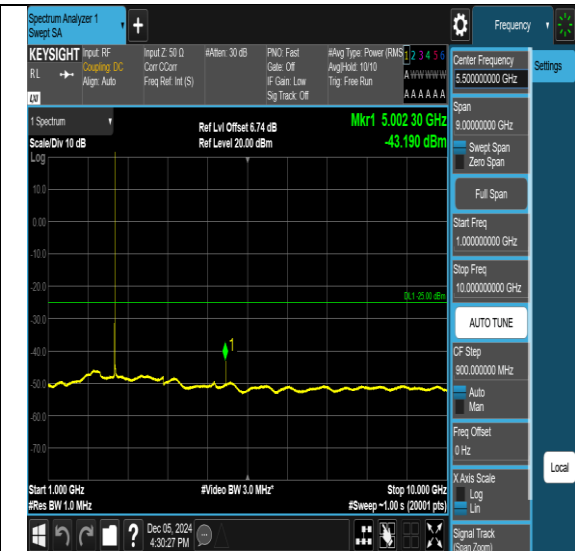




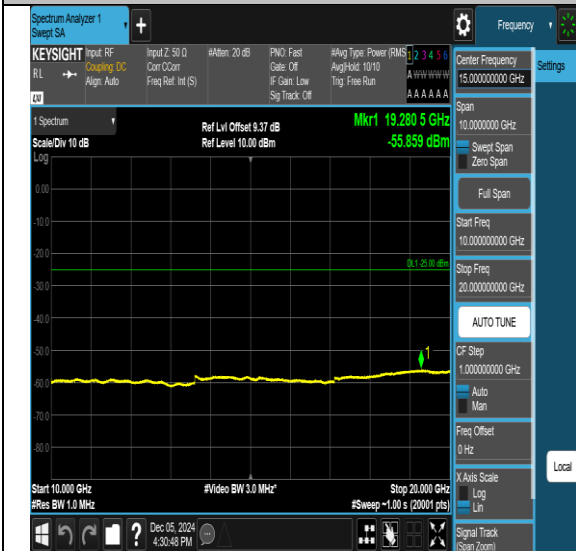
BUREAU VERITAS Test Report No.: PSU-QSU2411180418RF04



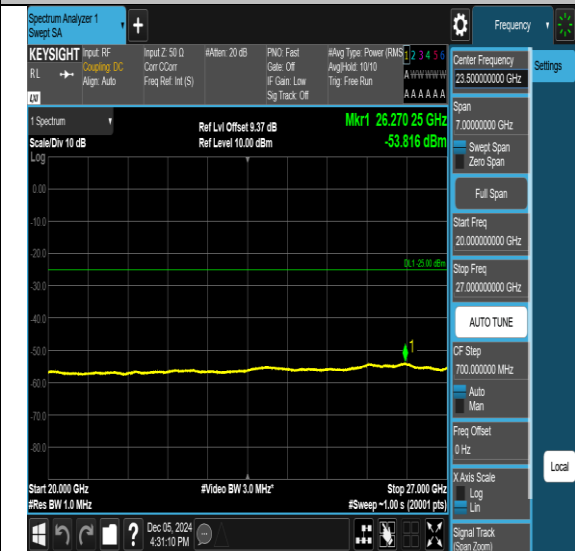
Band7-20MHz-QPSK-20850-1RB#0-10000~20000-PASS



Band7-20MHz-QPSK-20850-1RB#0-20000~27000-PASS



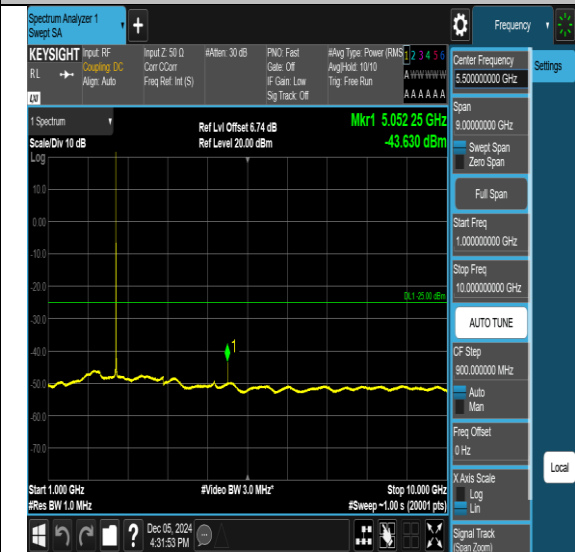
Band7-20MHz-QPSK-21100-1RB#0-30~1000-PASS



Band7-20MHz-QPSK-21100-1RB#0-1000~10000-PASS



Band7-20MHz-QPSK-21100-1RB#0-10000~20000-

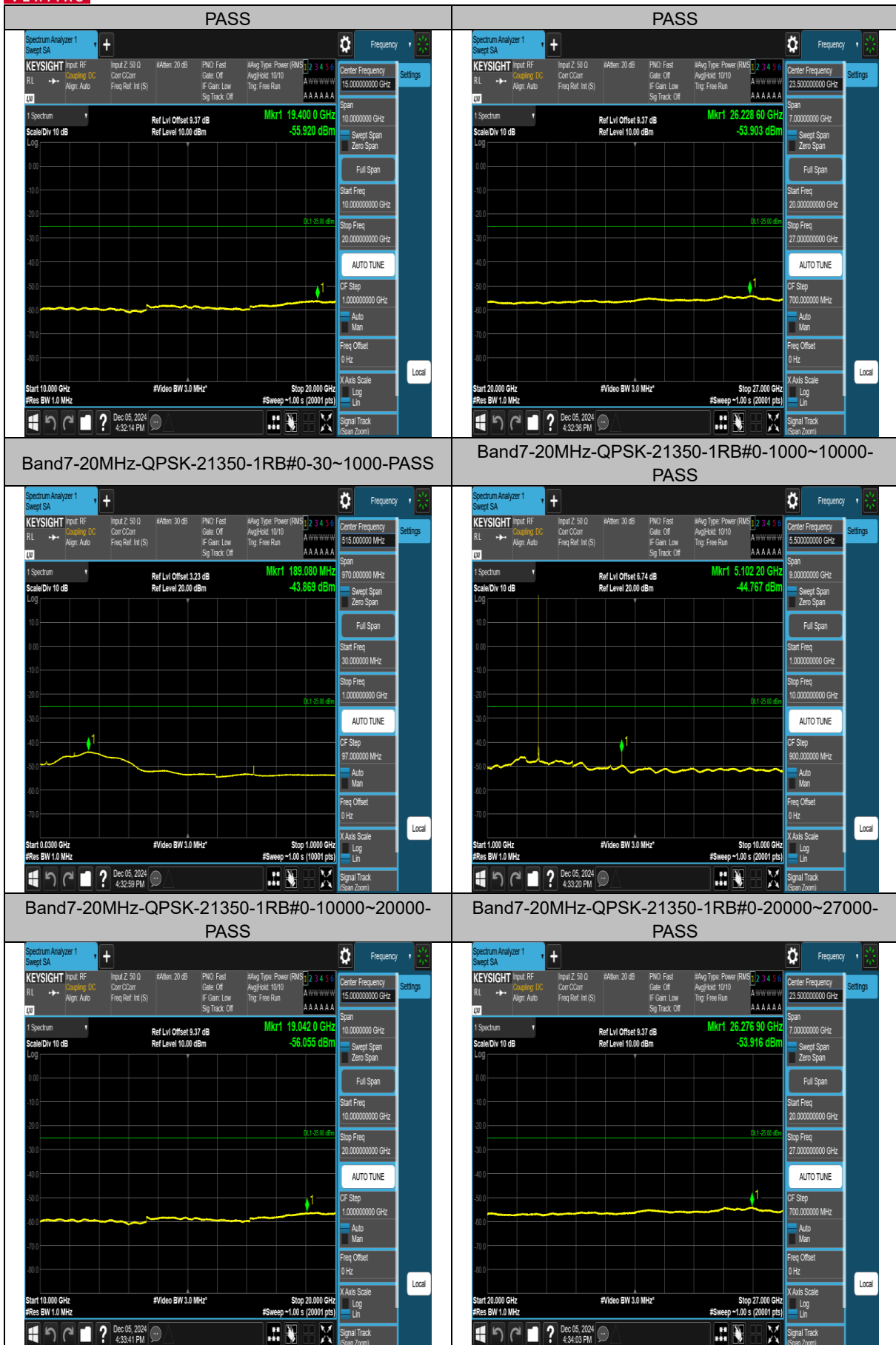


Band7-20MHz-QPSK-21100-1RB#0-20000~27000-

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(Suzhou) Co., Ltd.

Tower N, Innovation Center, 88 Zuyi Road, High-tech
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Tel: +86 (0557) 368 1008





FREQUENCY STABILITY

Test Result

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	908.34	0.36	2500.55532	--	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	915.99	0.37	2500.55147	--	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	862.76	0.34	2500.53842	--	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	914.56	0.36	--	2569.48321	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	747.25	0.29	--	2569.47094	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	500.59	0.20	--	2569.46882	2500-2570	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	948.64	0.38	2500.54178	--	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	949.58	0.38	2500.53398	--	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	792.80	0.32	2500.54220	--	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	754.89	0.30	2500.54112	--	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	682.01	0.27	2500.538454	--	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-10	533.52	0.21	2500.54556	--	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	30	510.51	0.20	2500.54332	--	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	40	478.98	0.19	2500.53641	--	2500-2570	PASS

**Test Report No.: PSU-QSU2411180418RF04**

											2570	
Band7	10MHz	QPSK	20800	50RB#0	NV	50	401.47	0.16	2500.53889	--	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	939.58	0.37	--	2569.46543	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-10	804.13	0.31	--	2569.54664	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	690.40	0.27	--	2569.47324	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	428.49	0.17	--	2569.44453	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	279.26	0.11	--	2569.44886	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	30	226.42	0.09	--	2569.60126	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	40	98.43	0.04	--	2569.45023	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	50	-100.06	-0.04	--	2569.64594	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-324.68	-0.13	--	2569.46322	2500-2570	PASS



LTE BAND 12

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

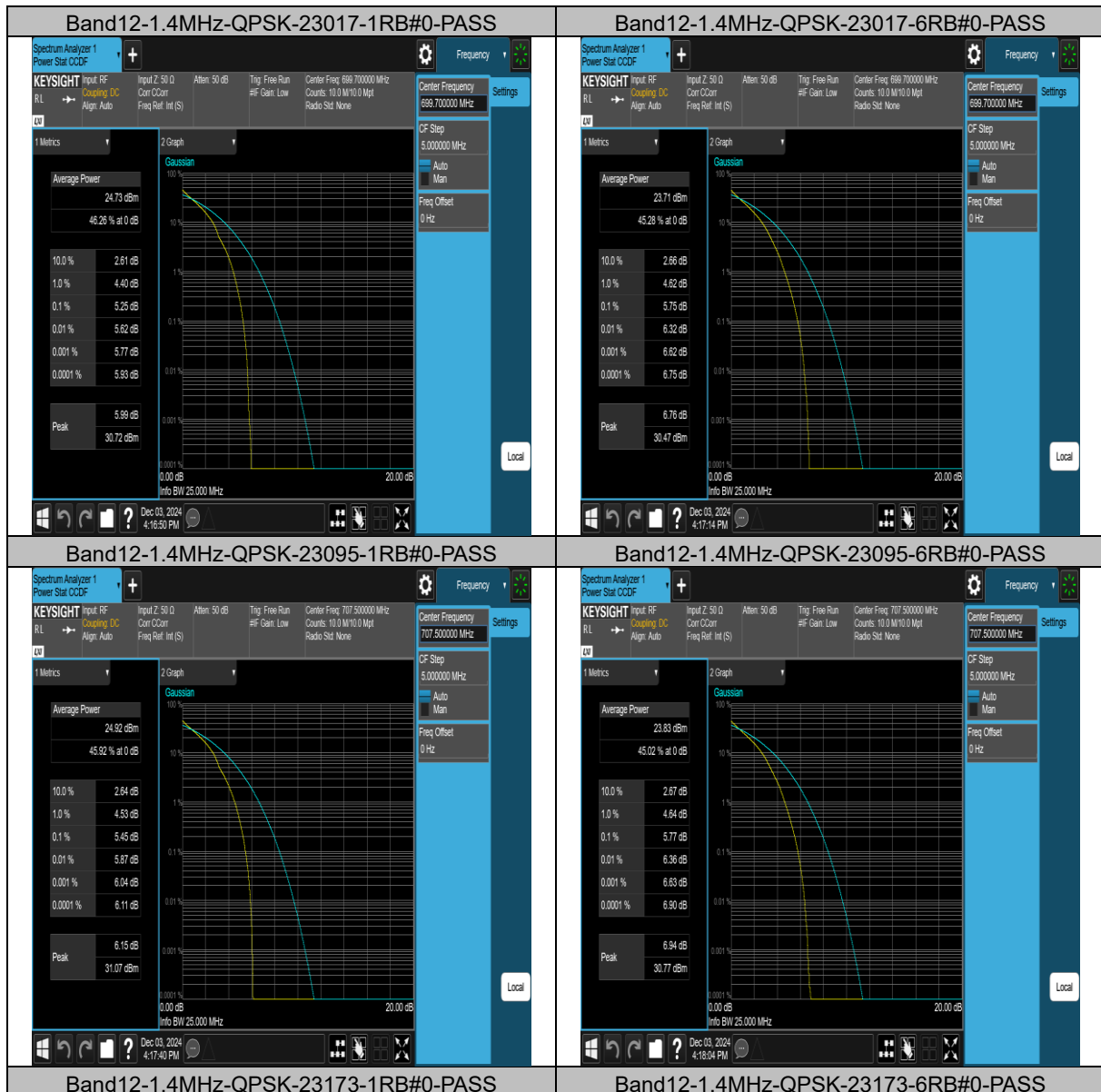
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	5.25	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.75	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	5.45	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.77	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	5.47	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.76	13	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	6.69	13	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	6.82	13	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	6.70	13	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	6.83	13	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	6.76	13	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	6.75	13	PASS
Band12	1.4MHz	256QAM	23017	1RB#0	6.82	13	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	6.80	13	PASS
Band12	1.4MHz	256QAM	23095	1RB#0	6.75	13	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	6.90	13	PASS
Band12	1.4MHz	256QAM	23173	1RB#0	6.96	13	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	6.97	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	6.15	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.48	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	6.28	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.54	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	6.30	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.55	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.21	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.72	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	5.53	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.80	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	5.50	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.78	13	PASS
Band12	3MHz	64QAM	23025	1RB#0	6.69	13	PASS
Band12	3MHz	64QAM	23025	15RB#0	6.82	13	PASS
Band12	3MHz	64QAM	23095	1RB#0	6.73	13	PASS
Band12	3MHz	64QAM	23095	15RB#0	6.77	13	PASS
Band12	3MHz	64QAM	23165	1RB#0	7.00	13	PASS
Band12	3MHz	64QAM	23165	15RB#0	6.79	13	PASS
Band12	3MHz	256QAM	23025	1RB#0	6.87	13	PASS
Band12	3MHz	256QAM	23025	15RB#0	6.79	13	PASS
Band12	3MHz	256QAM	23095	1RB#0	6.74	13	PASS
Band12	3MHz	256QAM	23095	15RB#0	6.74	13	PASS
Band12	3MHz	256QAM	23165	1RB#0	6.90	13	PASS
Band12	3MHz	256QAM	23165	15RB#0	6.80	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	6.11	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.48	13	PASS



Band12	3MHz	16QAM	23095	1RB#0	6.30	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.54	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	6.34	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.59	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.30	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.66	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	5.39	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.75	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	5.44	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.78	13	PASS
Band12	5MHz	64QAM	23035	1RB#0	6.72	13	PASS
Band12	5MHz	64QAM	23035	25RB#0	6.80	13	PASS
Band12	5MHz	64QAM	23095	1RB#0	6.72	13	PASS
Band12	5MHz	64QAM	23095	25RB#0	6.75	13	PASS
Band12	5MHz	64QAM	23155	1RB#0	6.80	13	PASS
Band12	5MHz	64QAM	23155	25RB#0	6.80	13	PASS
Band12	5MHz	256QAM	23035	1RB#0	6.70	13	PASS
Band12	5MHz	256QAM	23035	25RB#0	6.75	13	PASS
Band12	5MHz	256QAM	23095	1RB#0	6.75	13	PASS
Band12	5MHz	256QAM	23095	25RB#0	6.72	13	PASS
Band12	5MHz	256QAM	23155	1RB#0	6.90	13	PASS
Band12	5MHz	256QAM	23155	25RB#0	6.77	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	6.16	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.47	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	6.30	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.50	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	6.29	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.54	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	5.27	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.77	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	5.27	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.71	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	5.46	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.73	13	PASS
Band12	10MHz	64QAM	23060	1RB#0	6.67	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.76	13	PASS
Band12	10MHz	64QAM	23095	1RB#0	6.63	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.73	13	PASS
Band12	10MHz	64QAM	23130	1RB#0	6.75	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.76	13	PASS
Band12	10MHz	256QAM	23060	1RB#0	6.84	13	PASS
Band12	10MHz	256QAM	23060	50RB#0	6.73	13	PASS
Band12	10MHz	256QAM	23095	1RB#0	6.88	13	PASS
Band12	10MHz	256QAM	23095	50RB#0	6.66	13	PASS
Band12	10MHz	256QAM	23130	1RB#0	6.68	13	PASS
Band12	10MHz	256QAM	23130	50RB#0	6.71	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	6.17	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.53	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	6.17	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.50	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	6.31	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.51	13	PASS

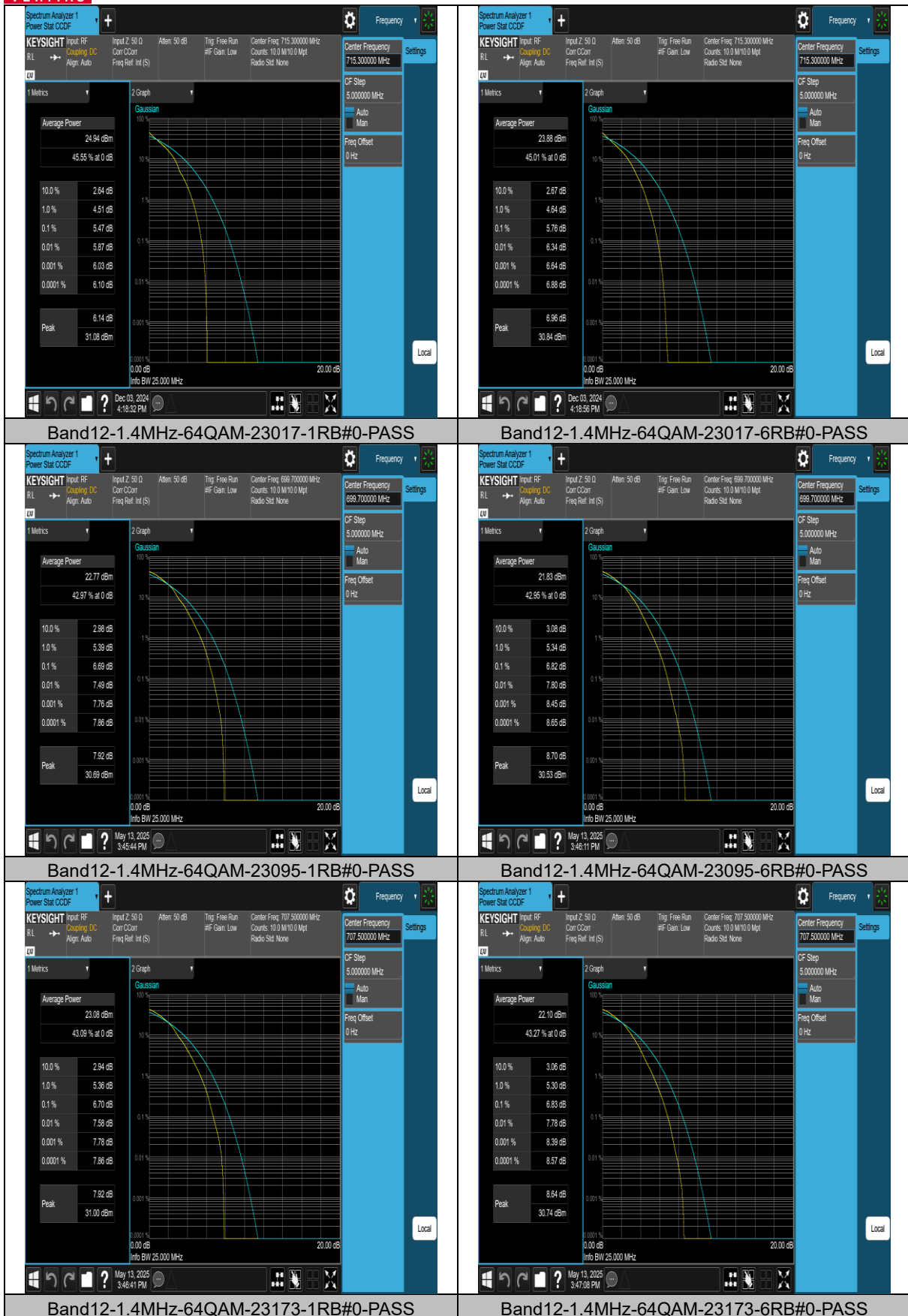


Test Graphs



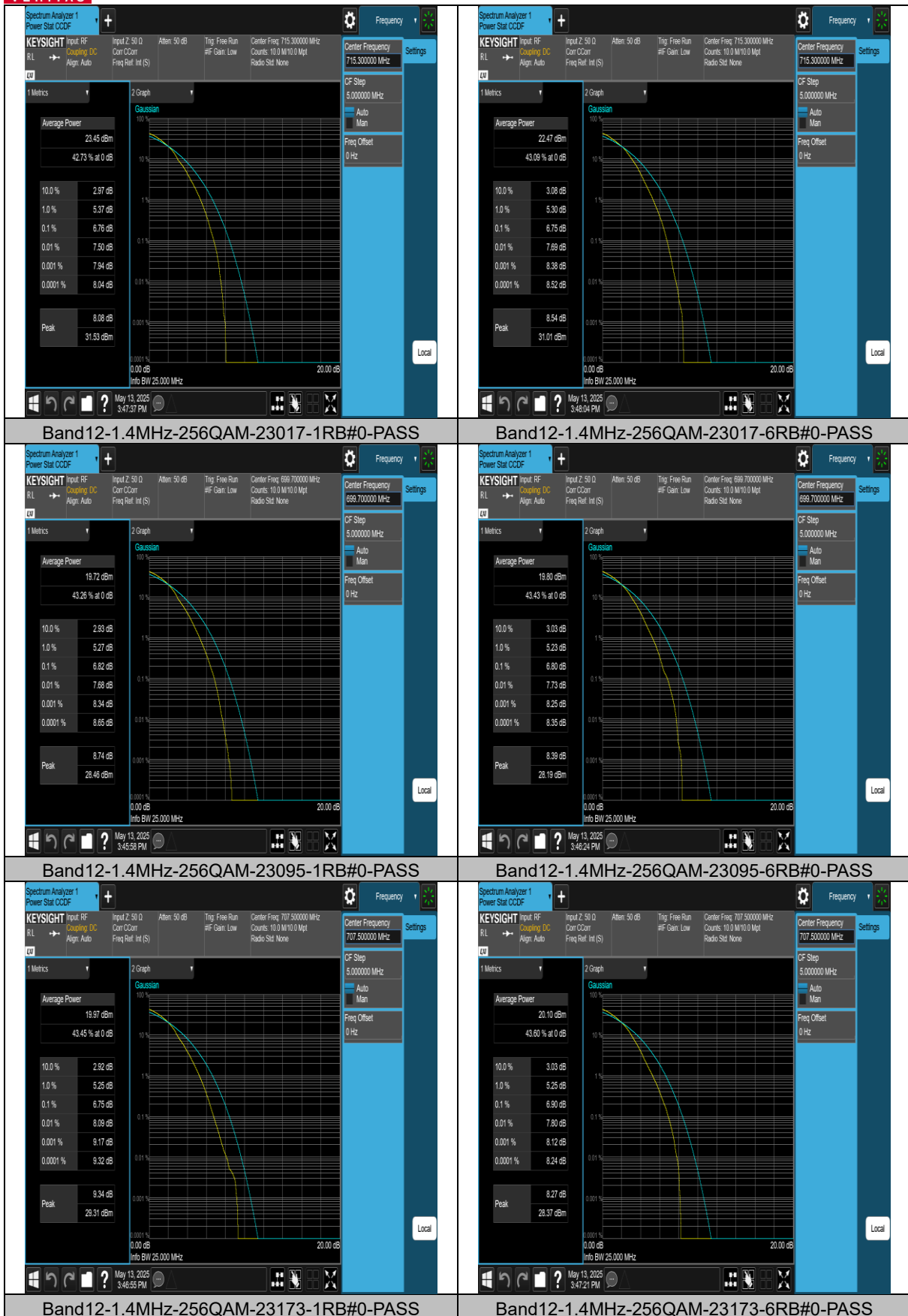


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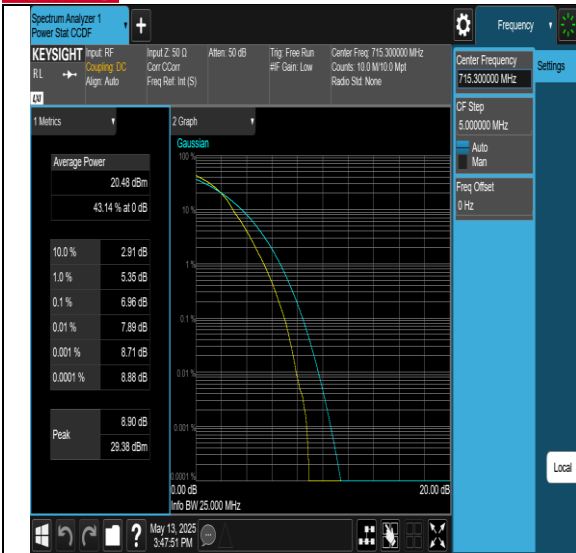


BUREAU VERITAS Test Report No.: PSU-QSU2411180418RF04

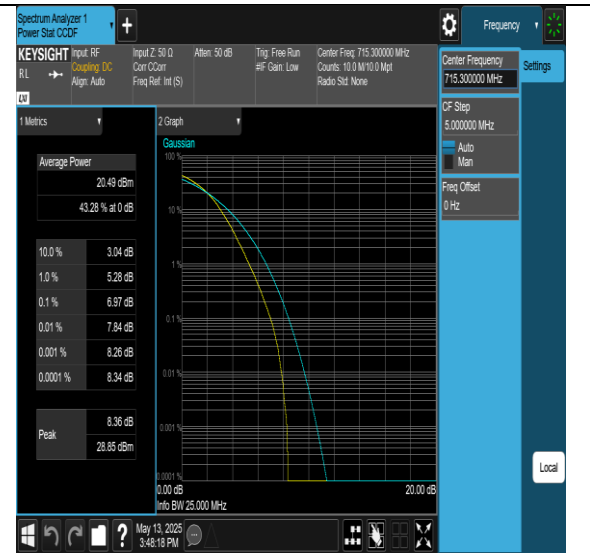




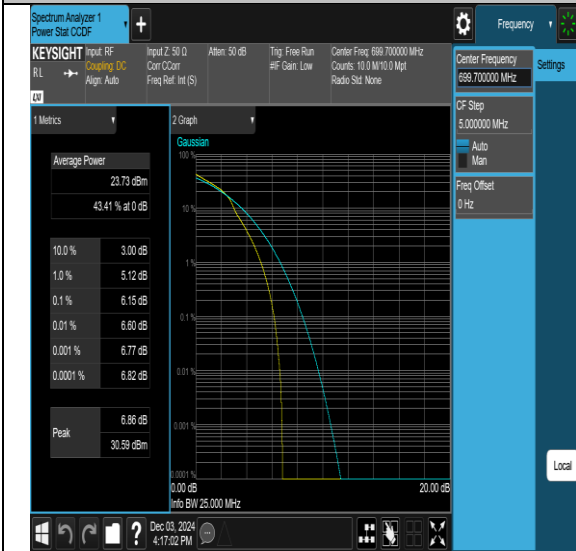
BUREAU VERITAS Test Report No.: PSU-QSU2411180418RF04



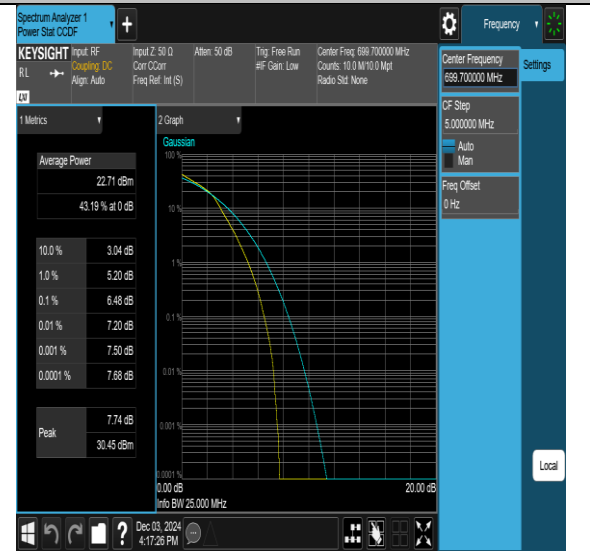
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Band12-1.4MHz-16QAM-23017-6RB#0-PASS



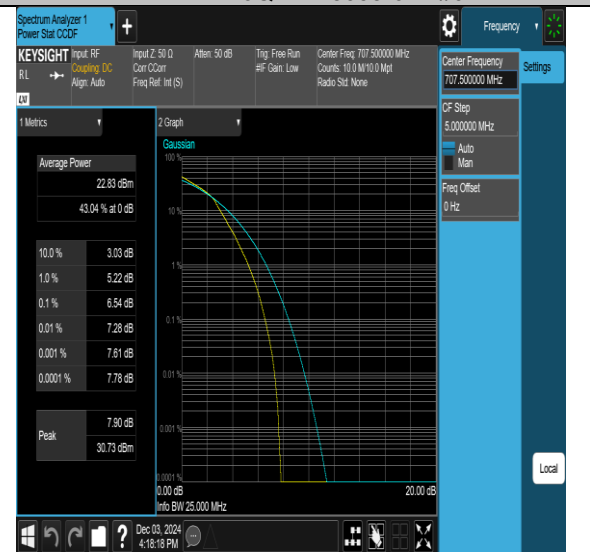
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Band12-1.4MHz-16QAM-23095-6RB#0-PASS



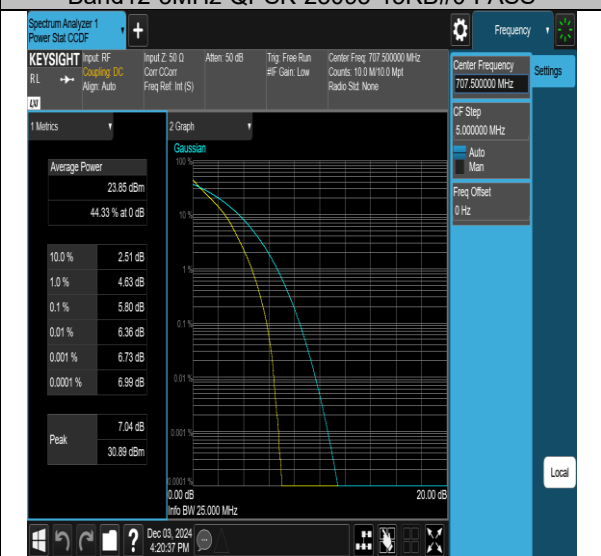
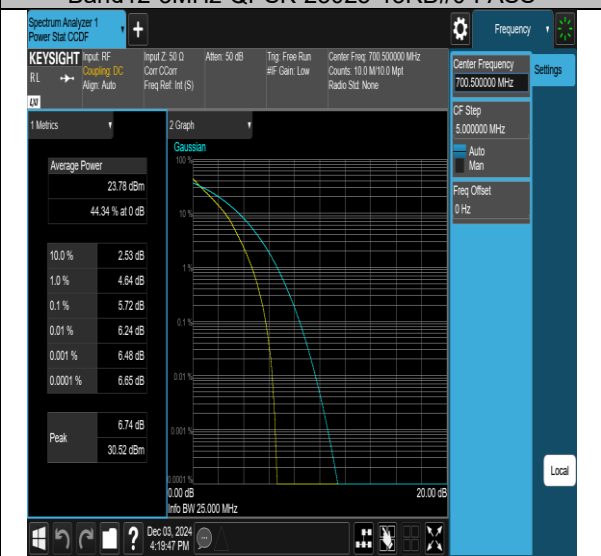
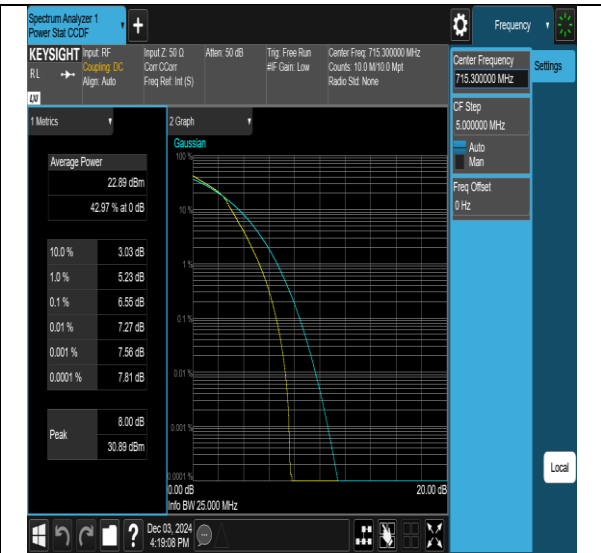
Band12-1.4MHz-16QAM-23173-1RB#0-PASS



Band12-1.4MHz-16QAM-23173-6RB#0-PASS

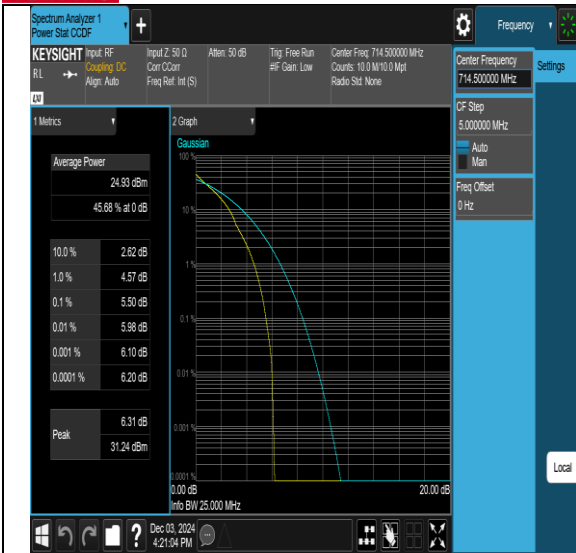


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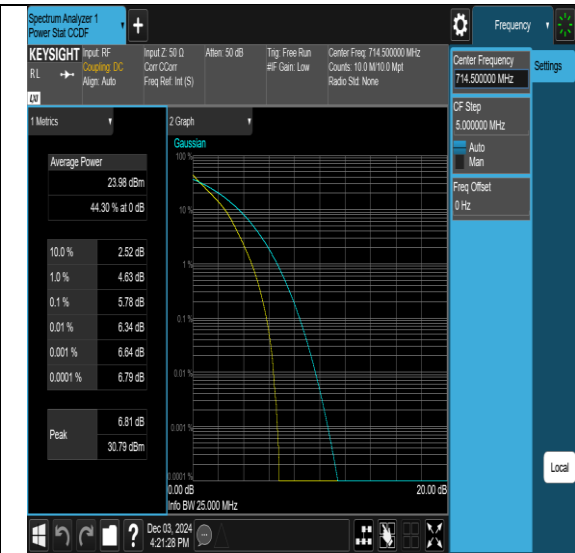




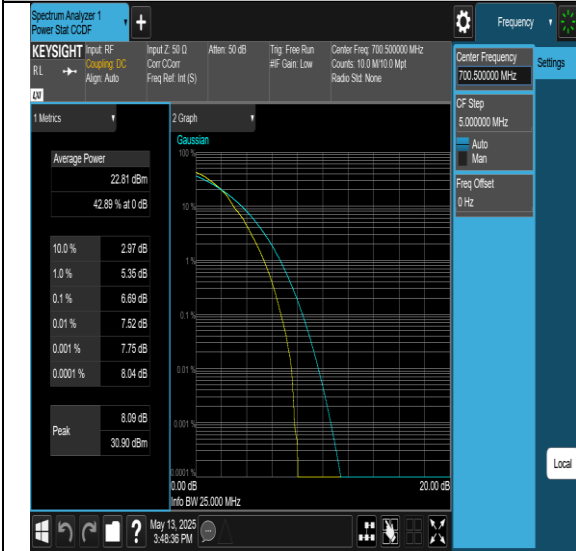
BUREAU VERITAS Test Report No.: PSU-QSU2411180418RF04



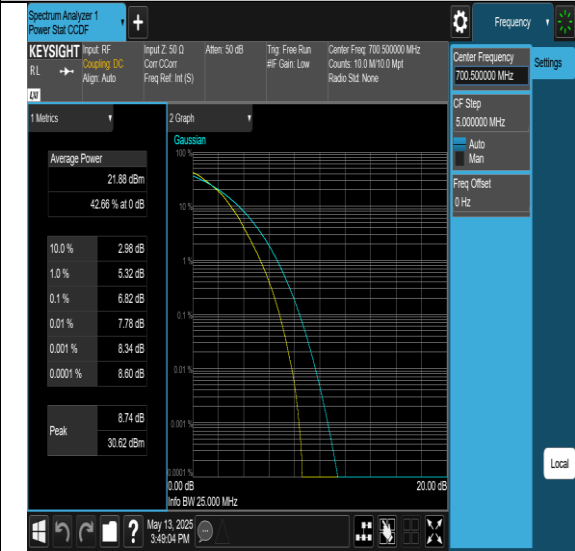
Band12-3MHz-64QAM-23025-1RB#0-PASS



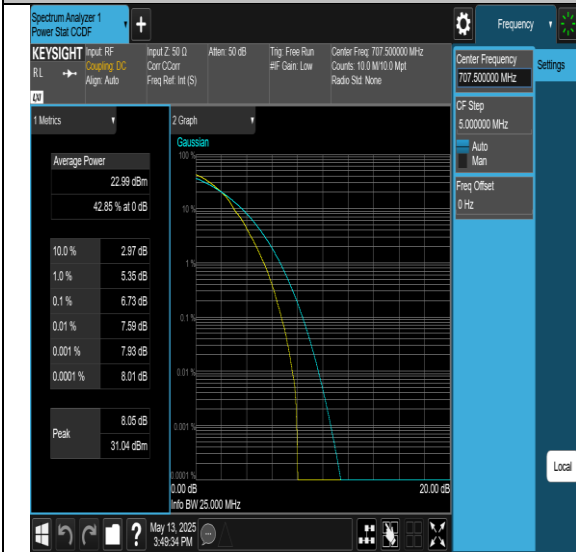
Band12-3MHz-64QAM-23025-15RB#0-PASS



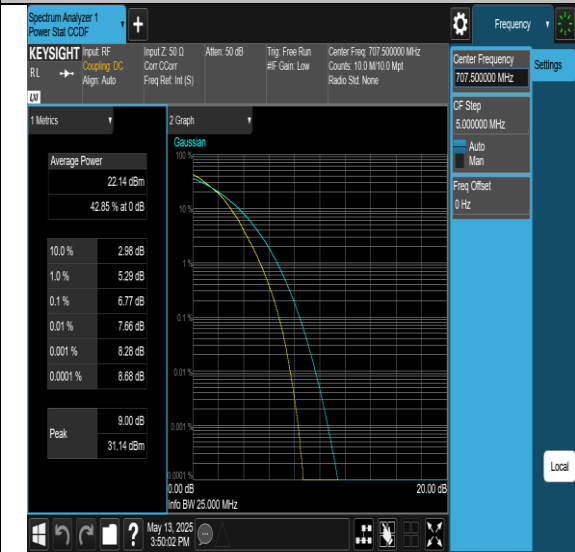
Band12-3MHz-64QAM-23095-1RB#0-PASS



Band12-3MHz-64QAM-23095-15RB#0-PASS



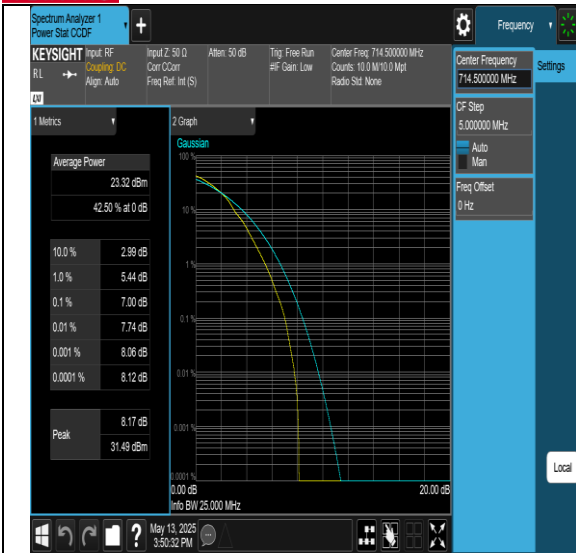
Band12-3MHz-64QAM-23165-1RB#0-PASS



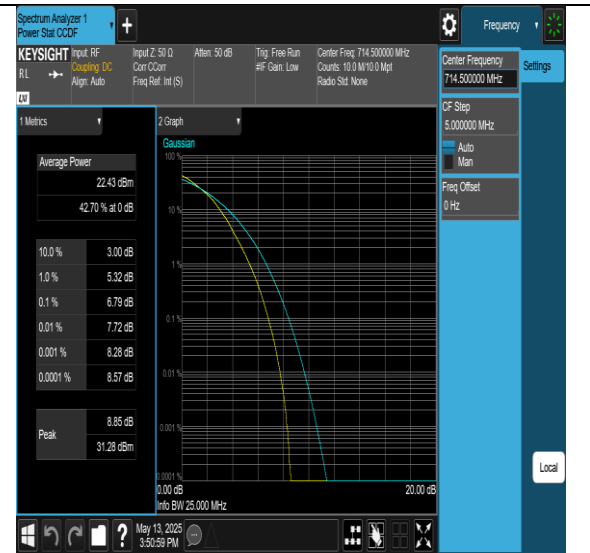
Band12-3MHz-64QAM-23165-15RB#0-PASS



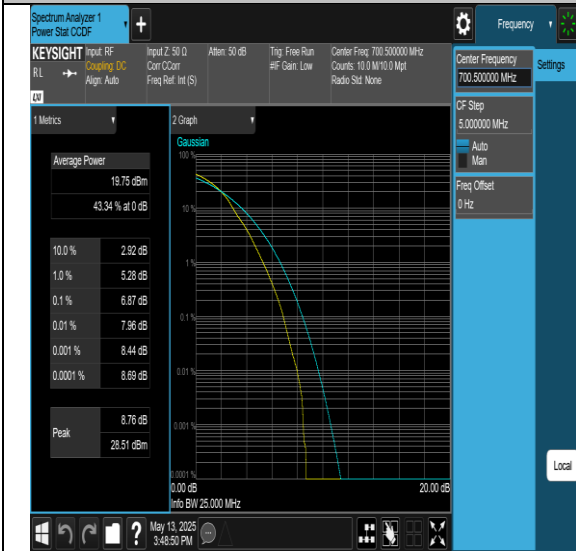
BUREAU VERITAS Test Report No.: PSU-QSU2411180418RF04



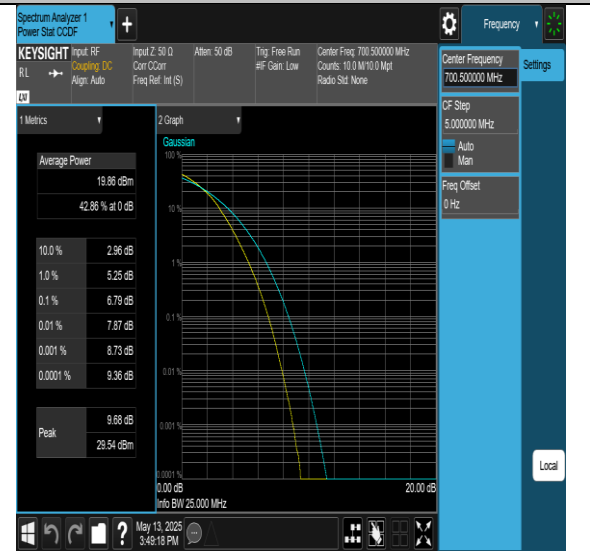
Band12-3MHz-256QAM-23025-1RB#0-PASS



Band12-3MHz-256QAM-23025-15RB#0-PASS



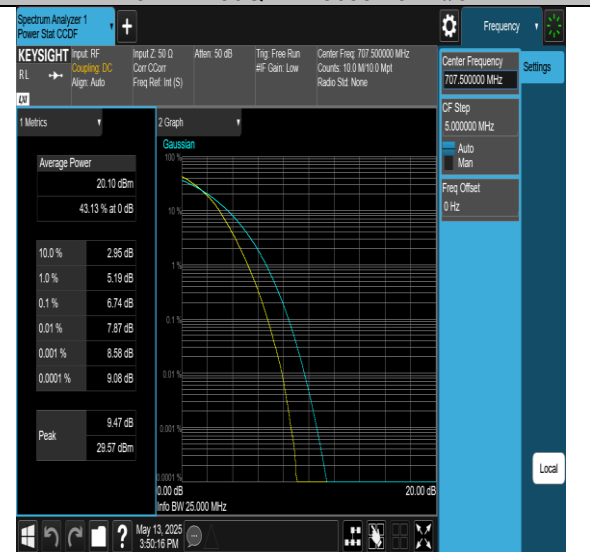
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Band12-3MHz-256QAM-23095-15RB#0-PASS



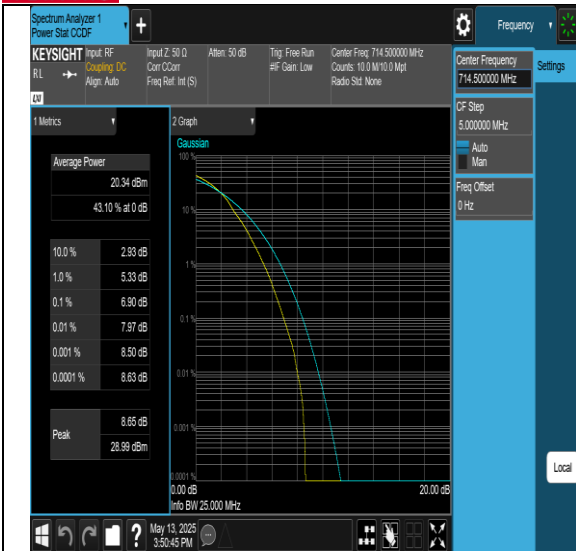
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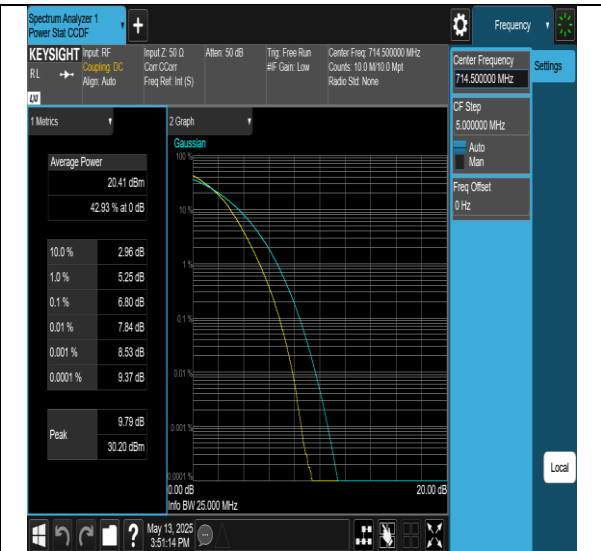
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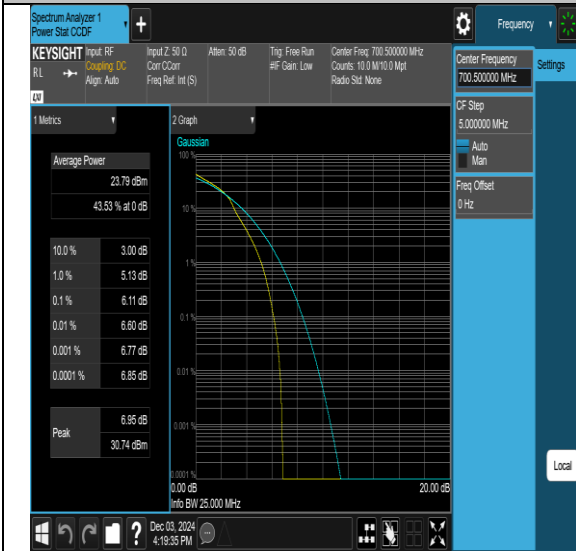
BUREAU VERITAS Test Report No.: PSU-QSU2411180418RF04



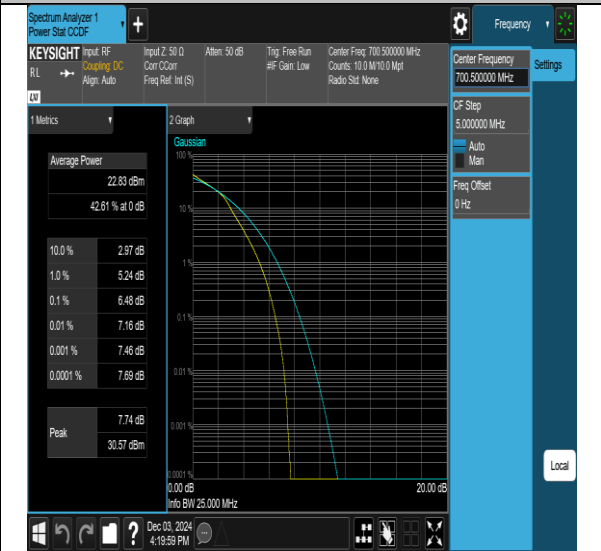
Band12-3MHz-16QAM-23025-1RB#0-PASS



Band12-3MHz-16QAM-23025-15RB#0-PASS



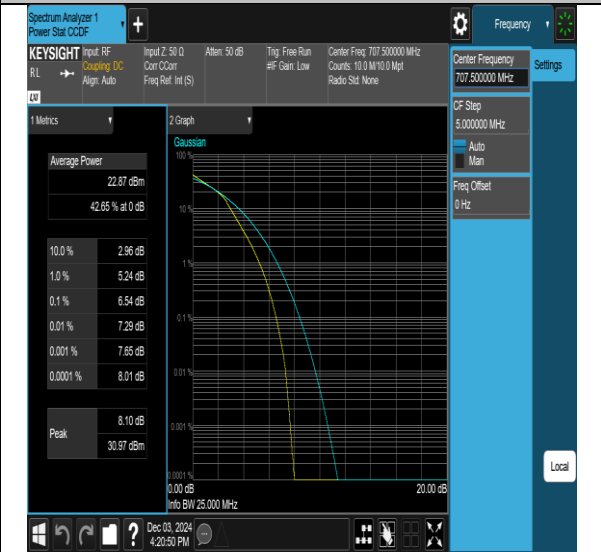
Band12-3MHz-16QAM-23095-1RB#0-PASS



Band12-3MHz-16QAM-23095-15RB#0-PASS



Band12-3MHz-16QAM-23165-1RB#0-PASS



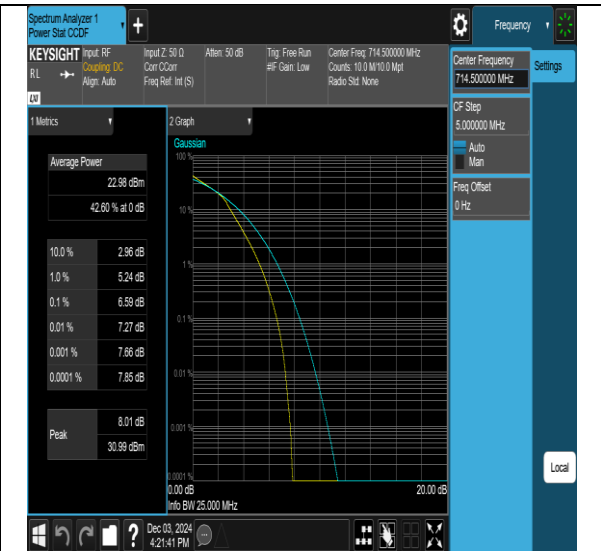
Band12-3MHz-16QAM-23165-15RB#0-PASS



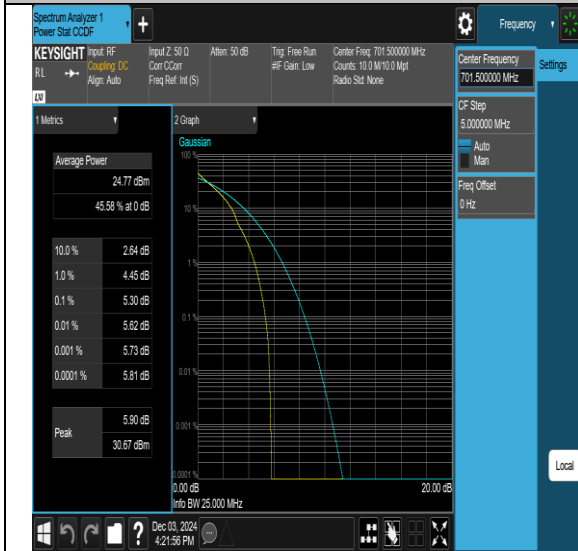
BUREAU VERITAS Test Report No.: PSU-QSU2411180418RF04



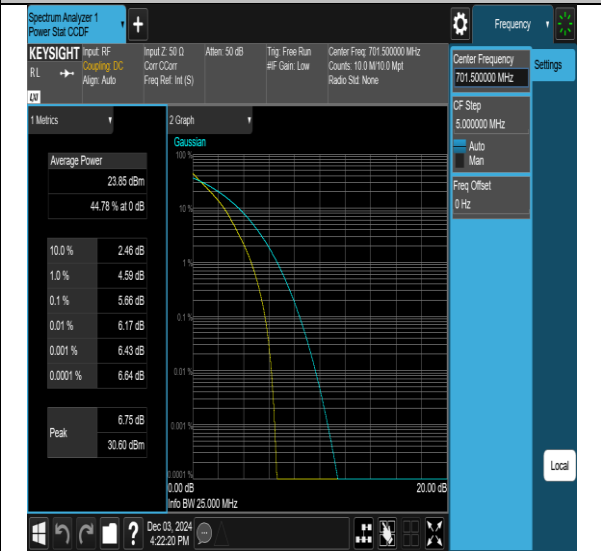
Band12-5MHz-QPSK-23035-1RB#0-PASS



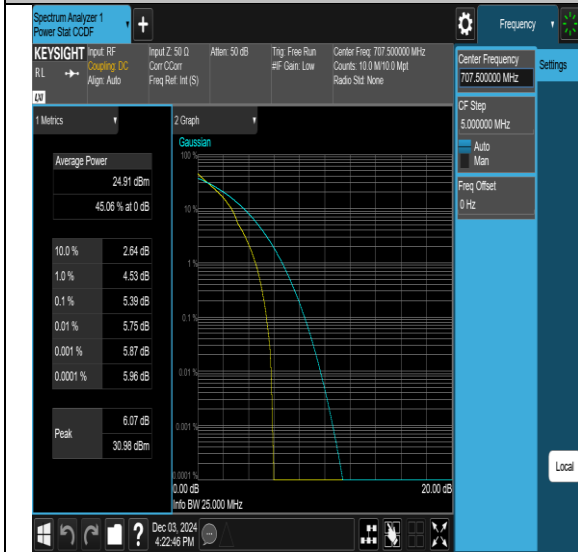
Band12-5MHz-QPSK-23035-25RB#0-PASS



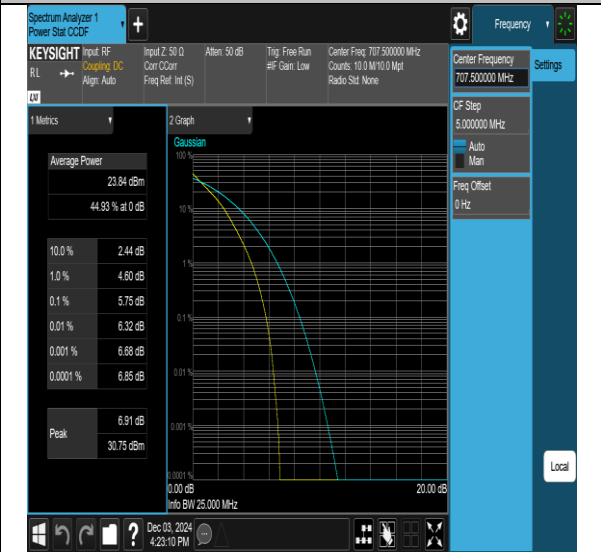
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Band12-5MHz-QPSK-23095-25RB#0-PASS



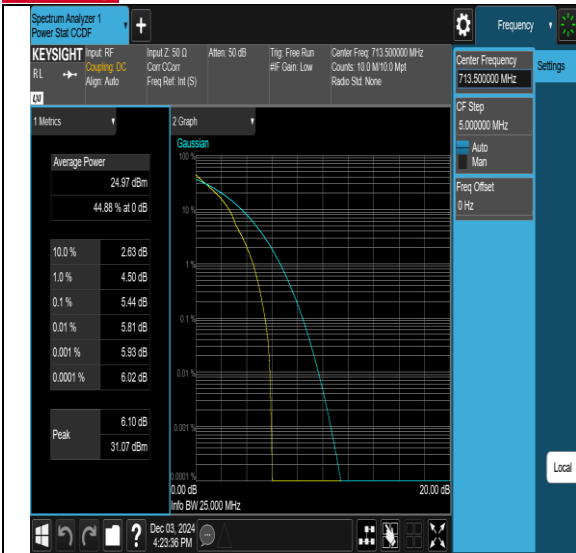
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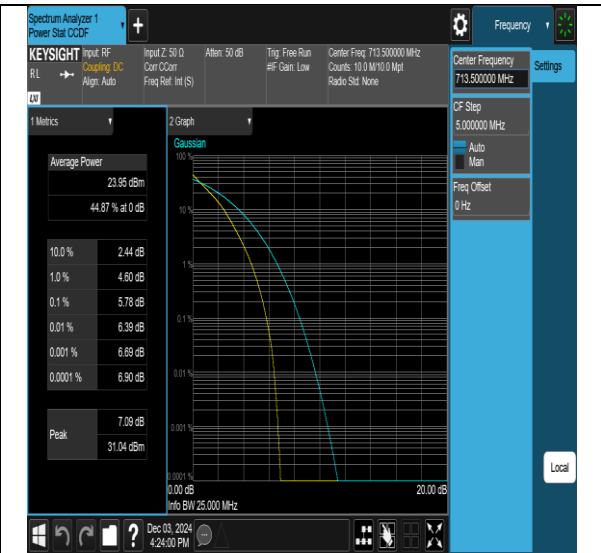
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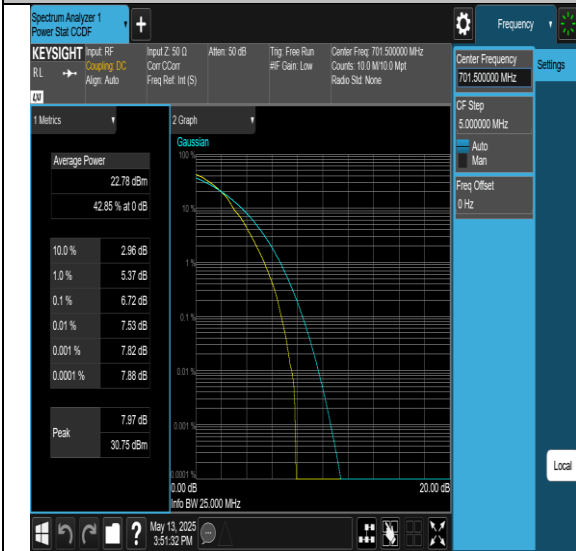
BUREAU VERITAS Test Report No.: PSU-QSU2411180418RF04



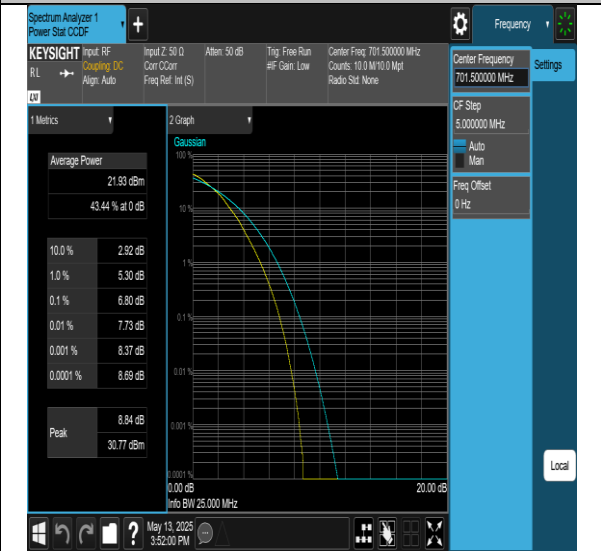
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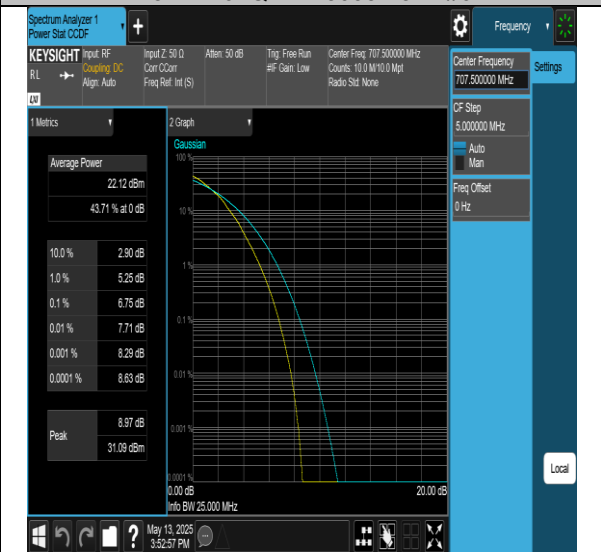
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Band12-5MHz-64QAM-23095-25RB#0-PASS



Band12-5MHz-64QAM-23155-1RB#0-PASS



Band12-5MHz-64QAM-23155-25RB#0-PASS