



Appendix J: Test Data for E-UTRA Band 12

Product Name: BlueCash-5000

Test Model: BlueCash-5000

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Can Kun
Supervised by:	Paddi Chen





J.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.76	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.43	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.61	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.95	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.92	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.82	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	23.07	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	23.06	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.74	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.38	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.93	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.04	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.59	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.50	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.70	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.50	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.91	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.83	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.80	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.79	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.62	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.79	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.60	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.39	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.85	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.06	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.39	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.06	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.38	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.09	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.52	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.12	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.67	PASS



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Band12	1.4MHz	16QAM	23173	3RB#0	22.71	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.46	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.44	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.59	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.49	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.76	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.87	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.53	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.47	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.39	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.57	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.49	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.54	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.69	PASS
Band12	3MHz	16QAM	23025	8RB#0	22.15	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.70	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.98	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.75	PASS
Band12	3MHz	16QAM	23025	8RB#7	22.03	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.72	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.85	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.56	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.32	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.44	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.67	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.76	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.53	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.46	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.83	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.47	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.84	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.45	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.97	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.51	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.57	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.57	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.96	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.42	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.24	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.28	PASS



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Band12	3MHz	16QAM	23165	1RB#14	23.22	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.43	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.79	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.43	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.79	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.55	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.68	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.50	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.74	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.59	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.17	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.56	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.24	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.53	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.21	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.73	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.62	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.73	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.62	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.69	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.76	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.57	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.01	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.20	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.90	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.27	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.86	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.24	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.82	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.69	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.76	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.57	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.54	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.61	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.78	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.51	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.21	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.30	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.18	PASS



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Band12	5MHz	16QAM	23155	1RB#12	22.31	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.24	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.26	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.55	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.57	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.54	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.58	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.60	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.53	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.52	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.78	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.47	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.89	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.42	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.39	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.24	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.28	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.71	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.71	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.76	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.53	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.70	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.74	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.72	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.74	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.63	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.61	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.60	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.23	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.87	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.57	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.82	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.64	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.83	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.47	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.75	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.61	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.81	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.18	PASS



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Band12	10MHz	16QAM	23130	1RB#0	23.30	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.16	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.20	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.24	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.72	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.64	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.81	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.52	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.81	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.70	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.70	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.49	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.75	PASS





J.2 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	4.69	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.24	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.38	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.11	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.61	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.10	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.24	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.96	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.19	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.80	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.86	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.54	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.86	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.67	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.42	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.19	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.71	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.50	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.28	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.03	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.57	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.34	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.01	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.79	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.93	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.70	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.52	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.18	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.84	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.59	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.45	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.07	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.73	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.51	13	PASS



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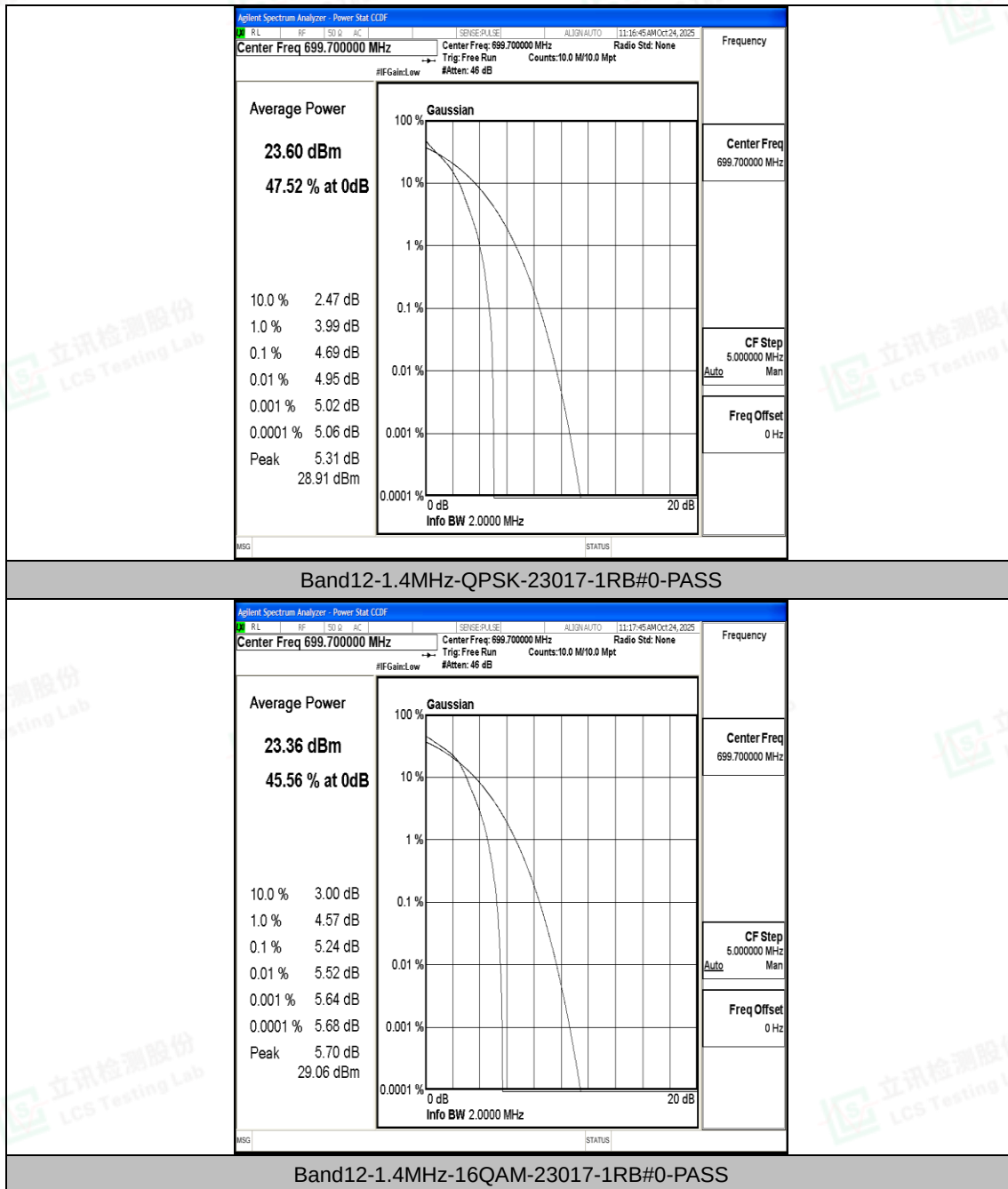


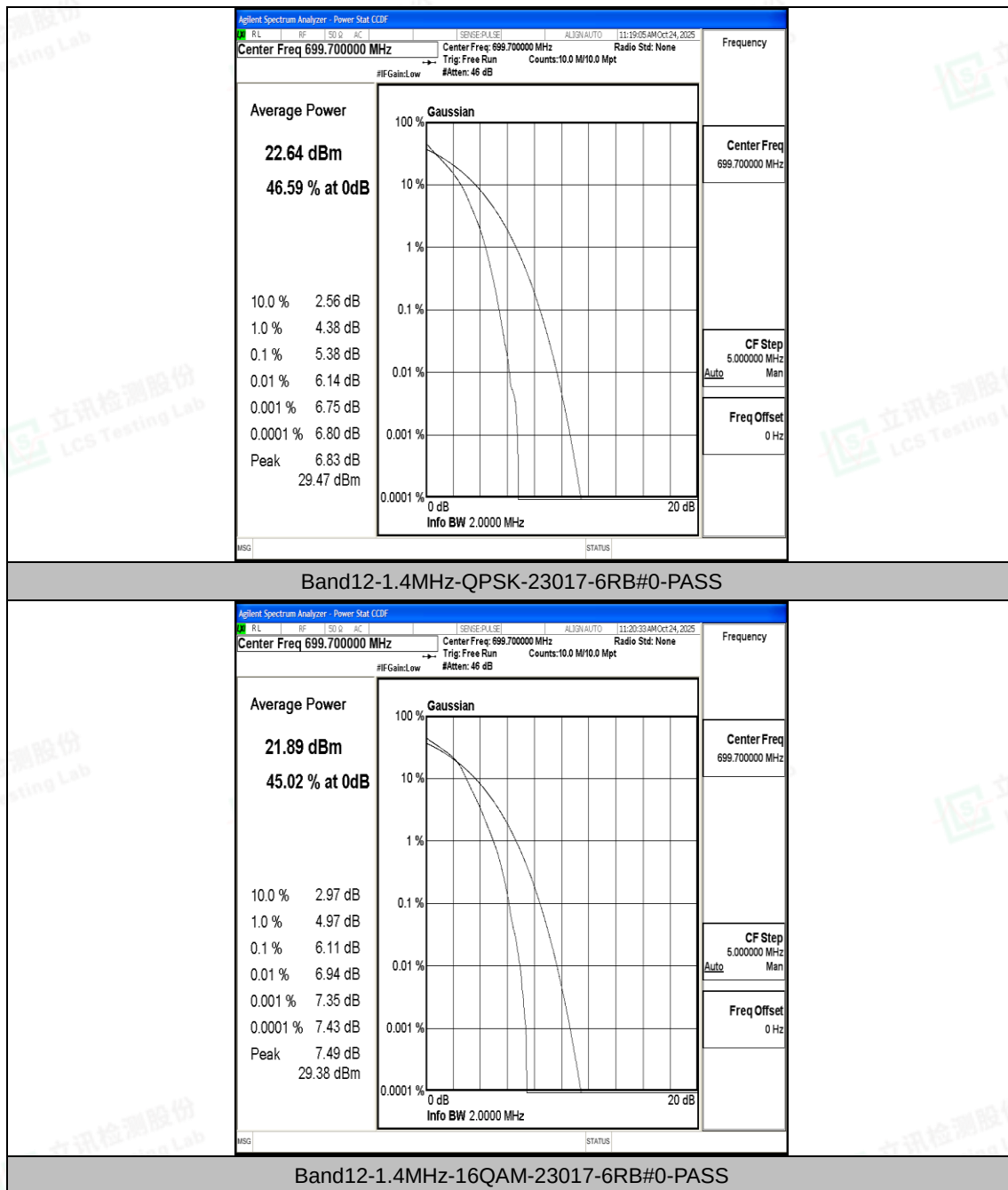
Band12	5MHz	QPSK	23155	25RB#0	5.33	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.98	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	4.85	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.58	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.45	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.16	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.94	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.70	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.52	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.16	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.72	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.38	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.45	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.12	13	PASS

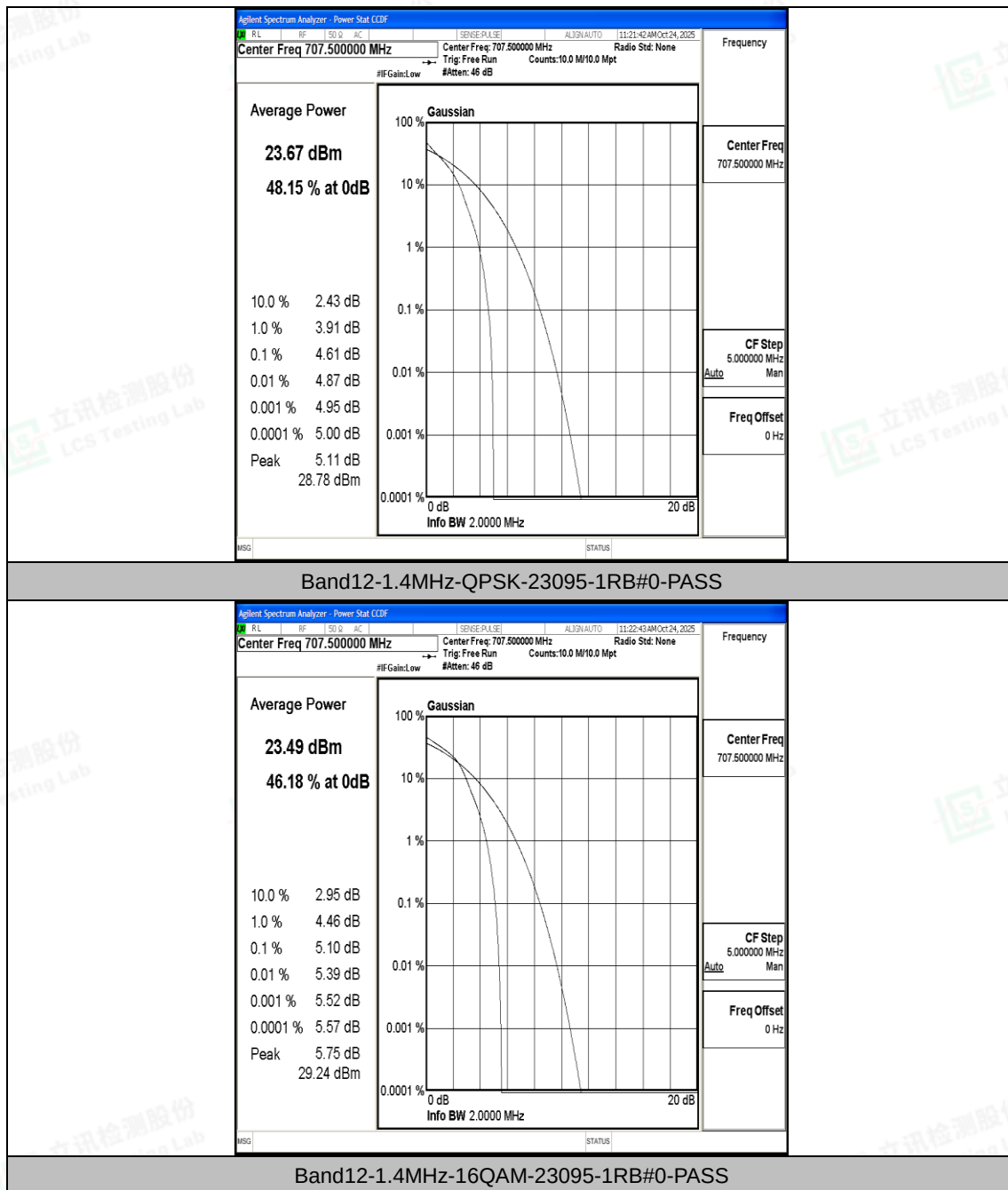


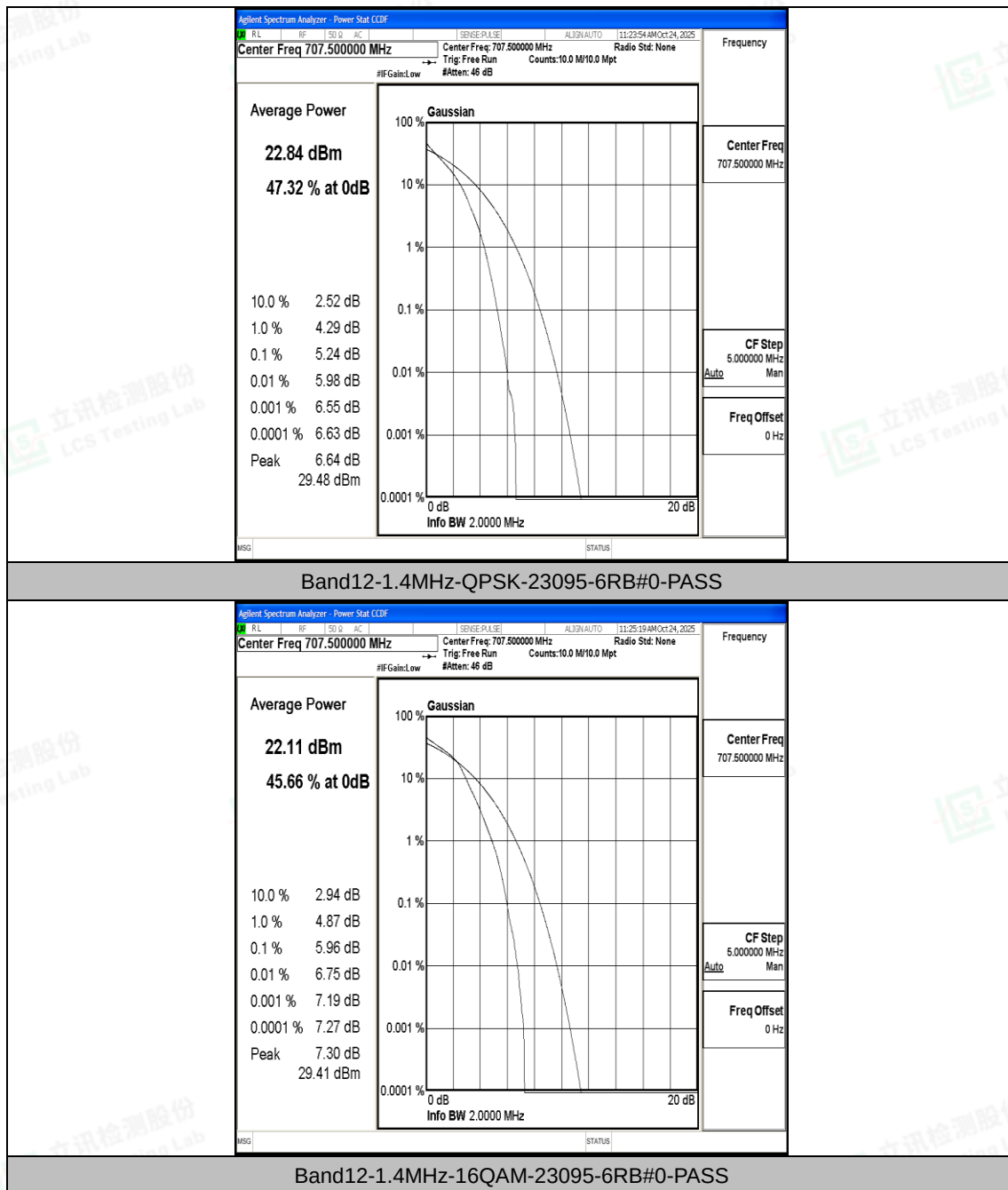


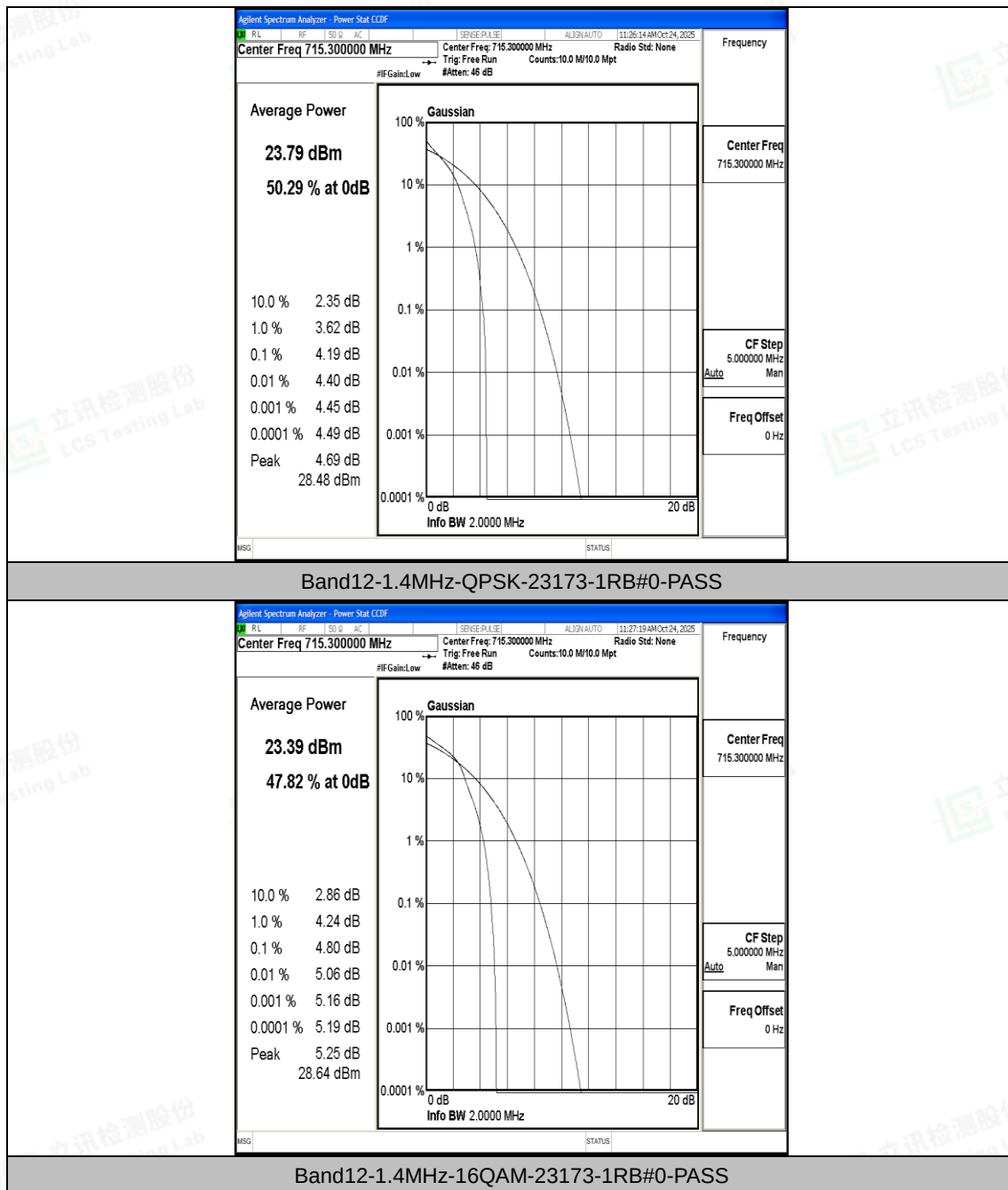
Test Graphs

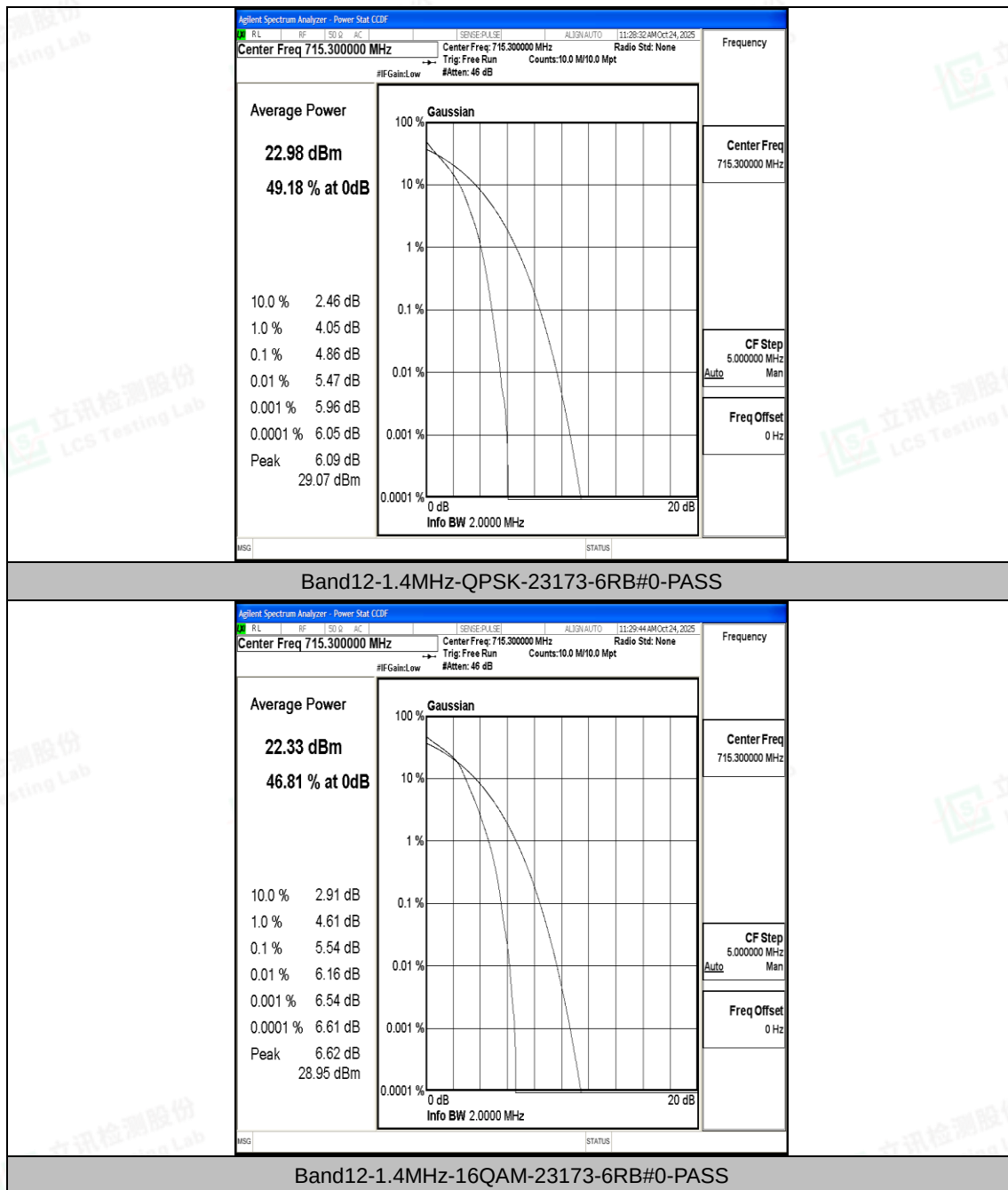


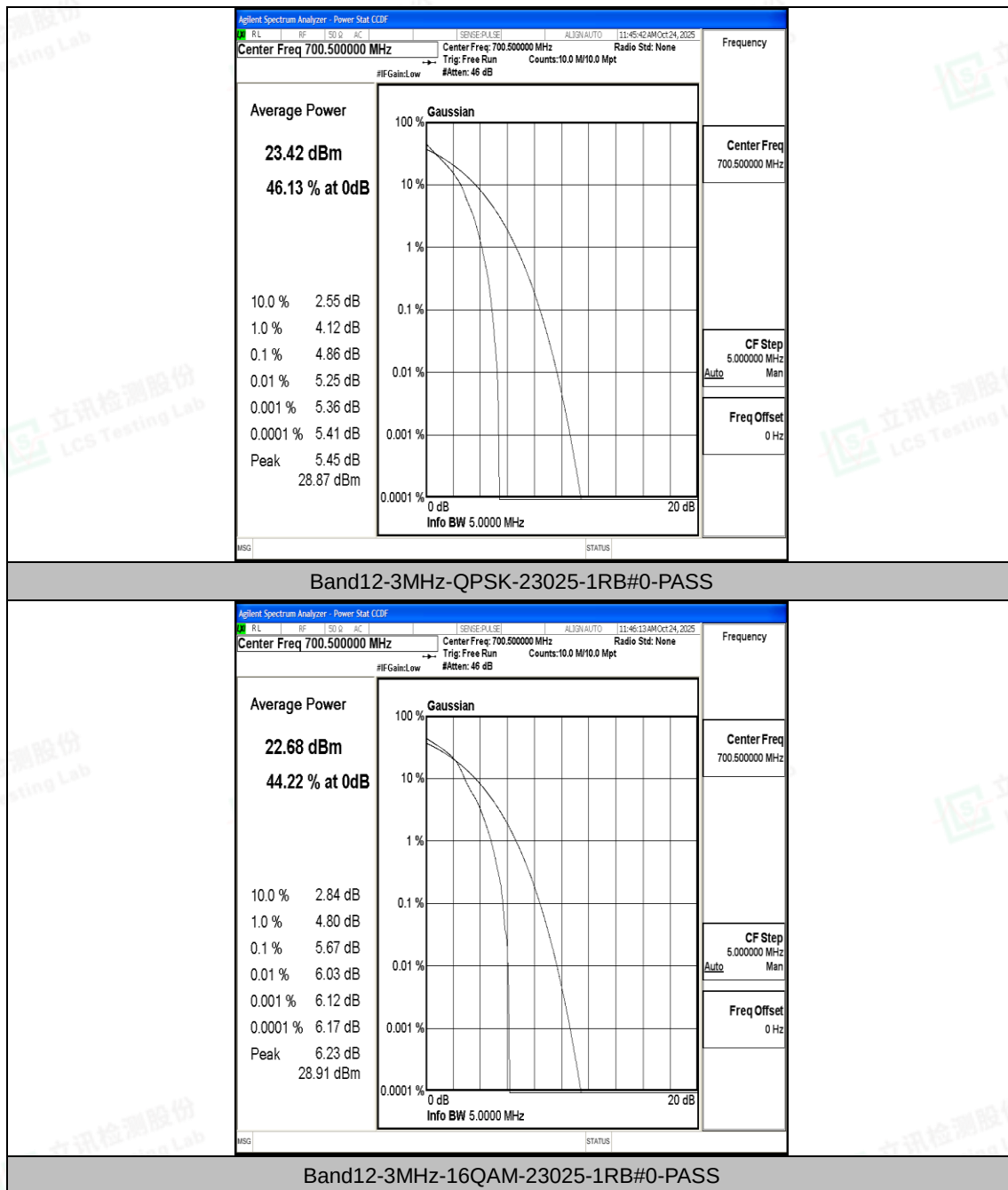


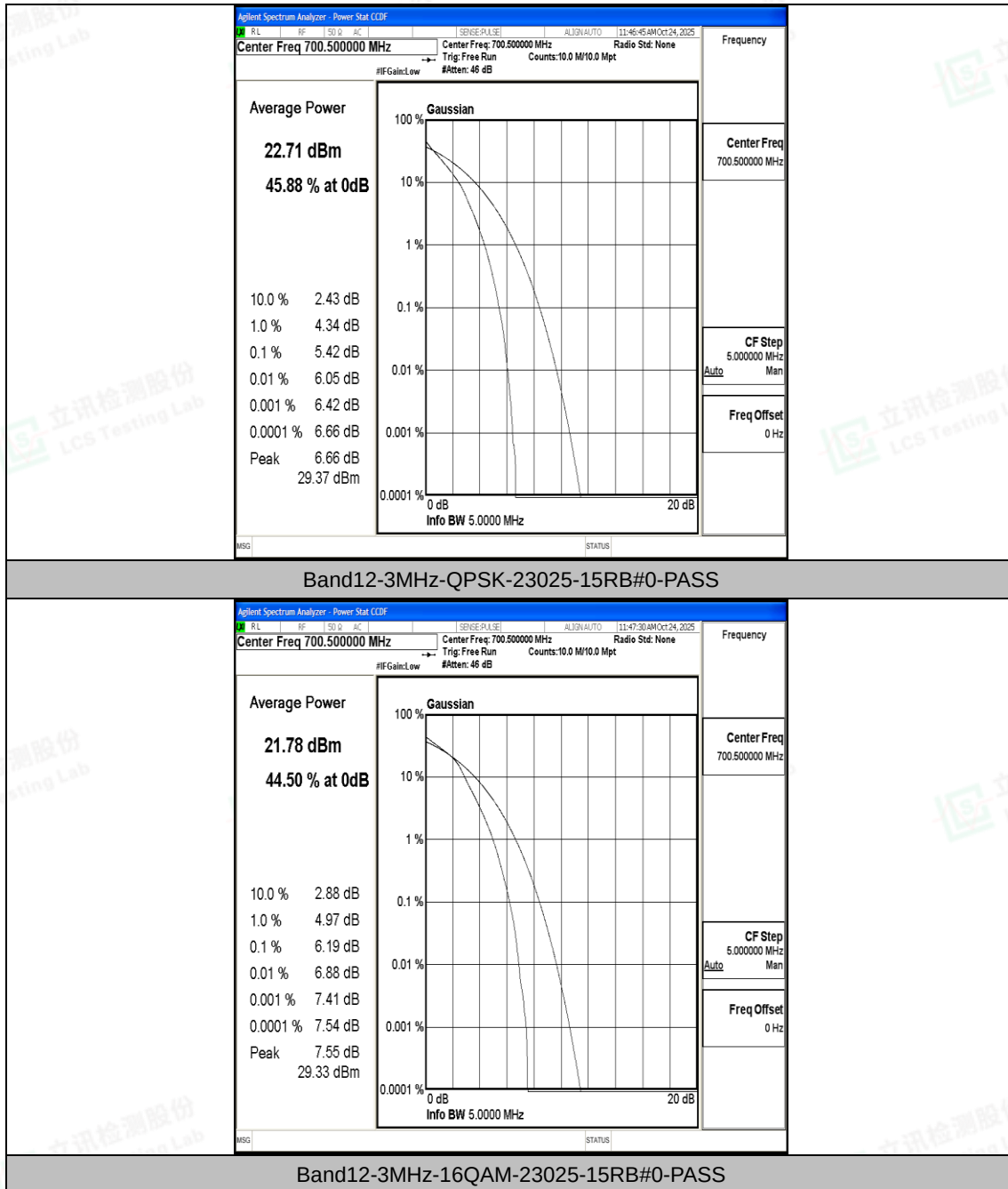


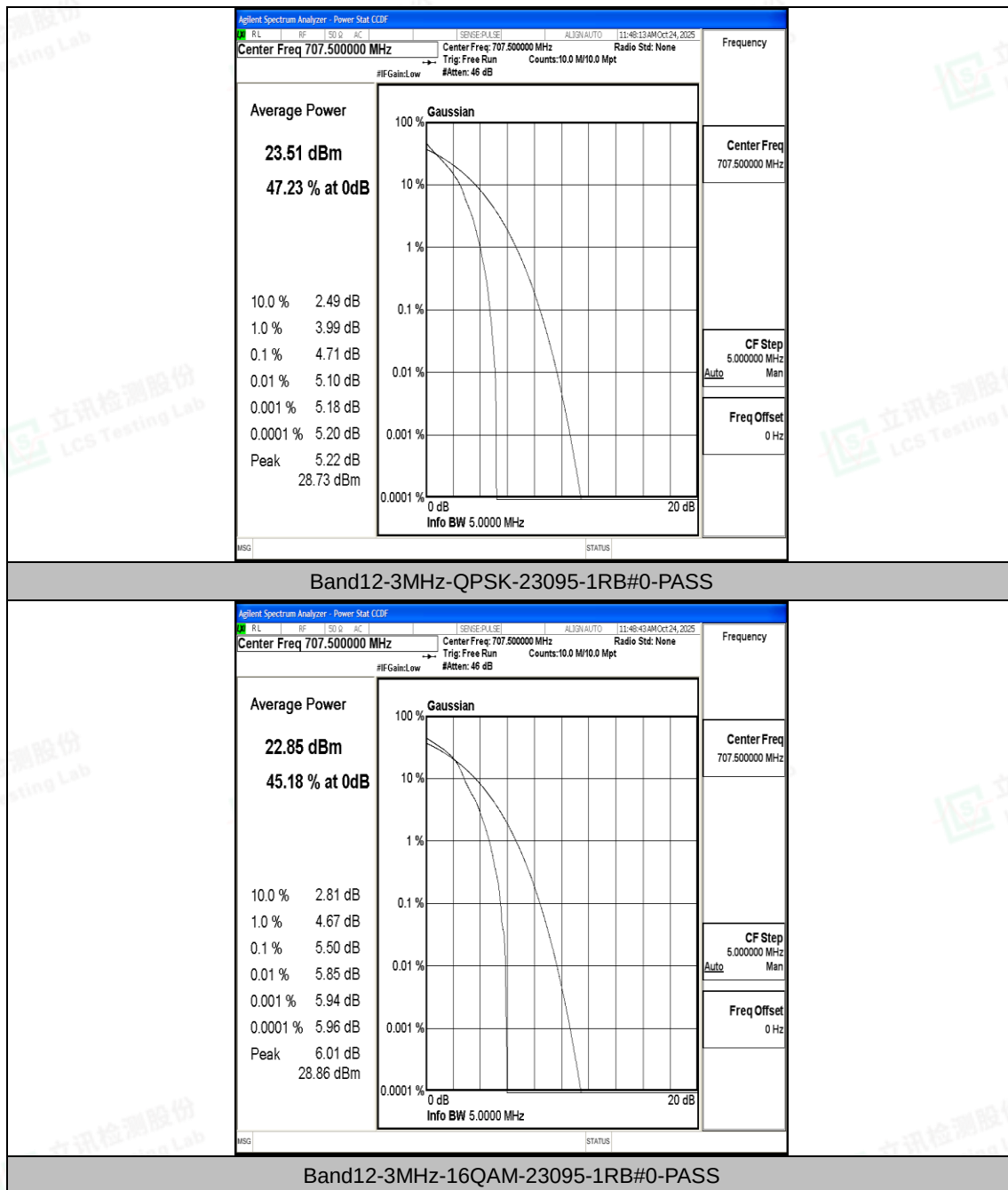


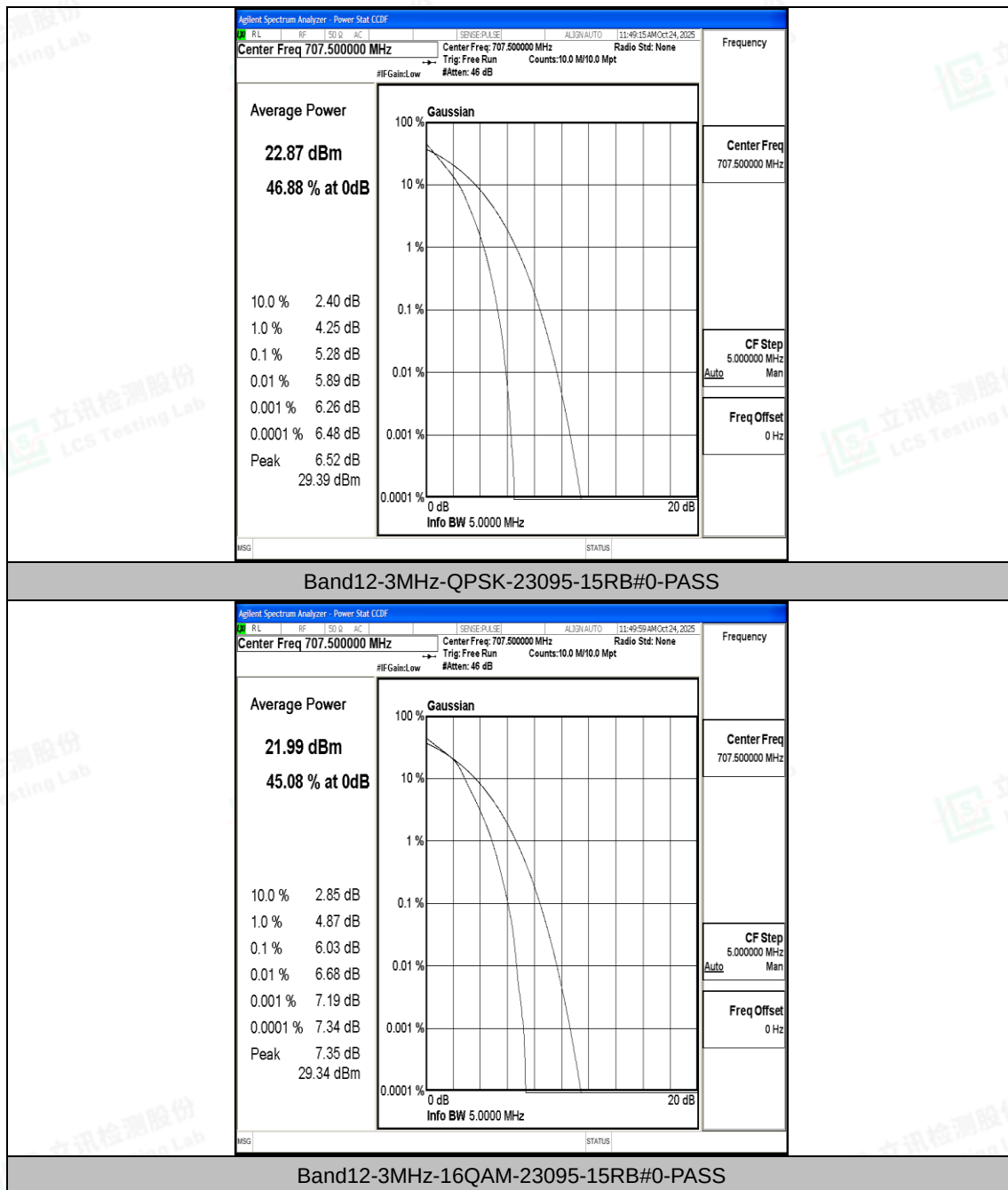


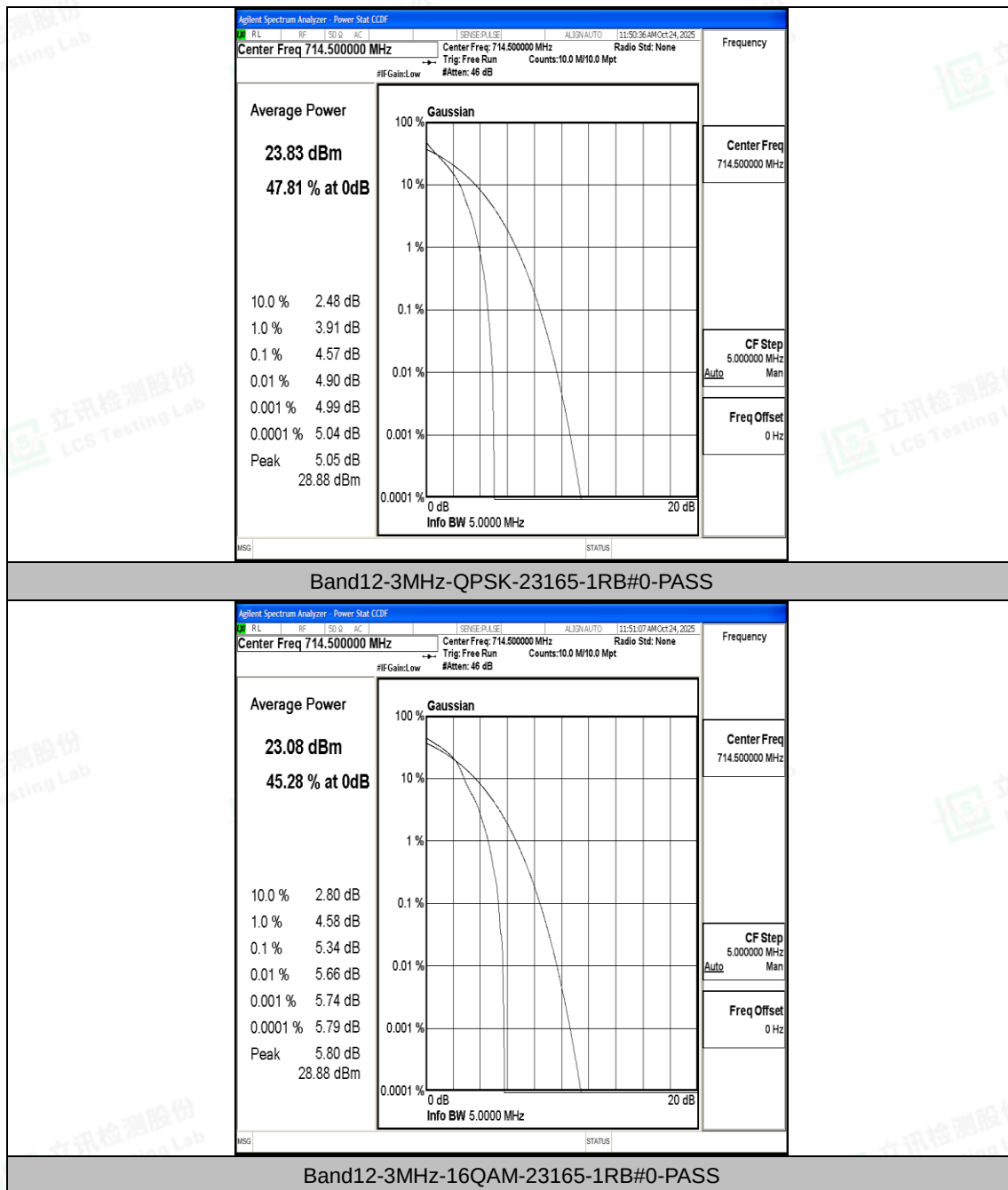


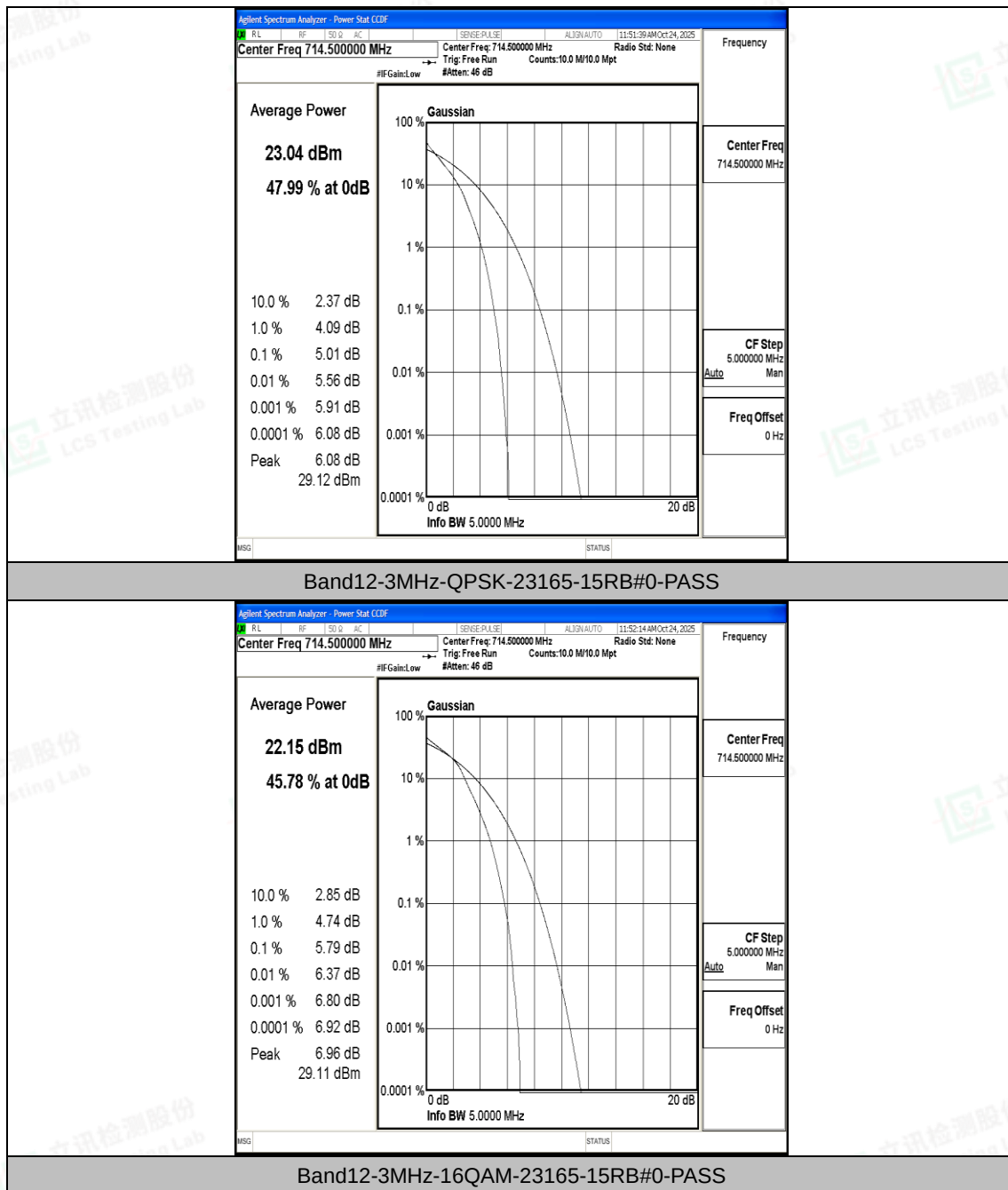


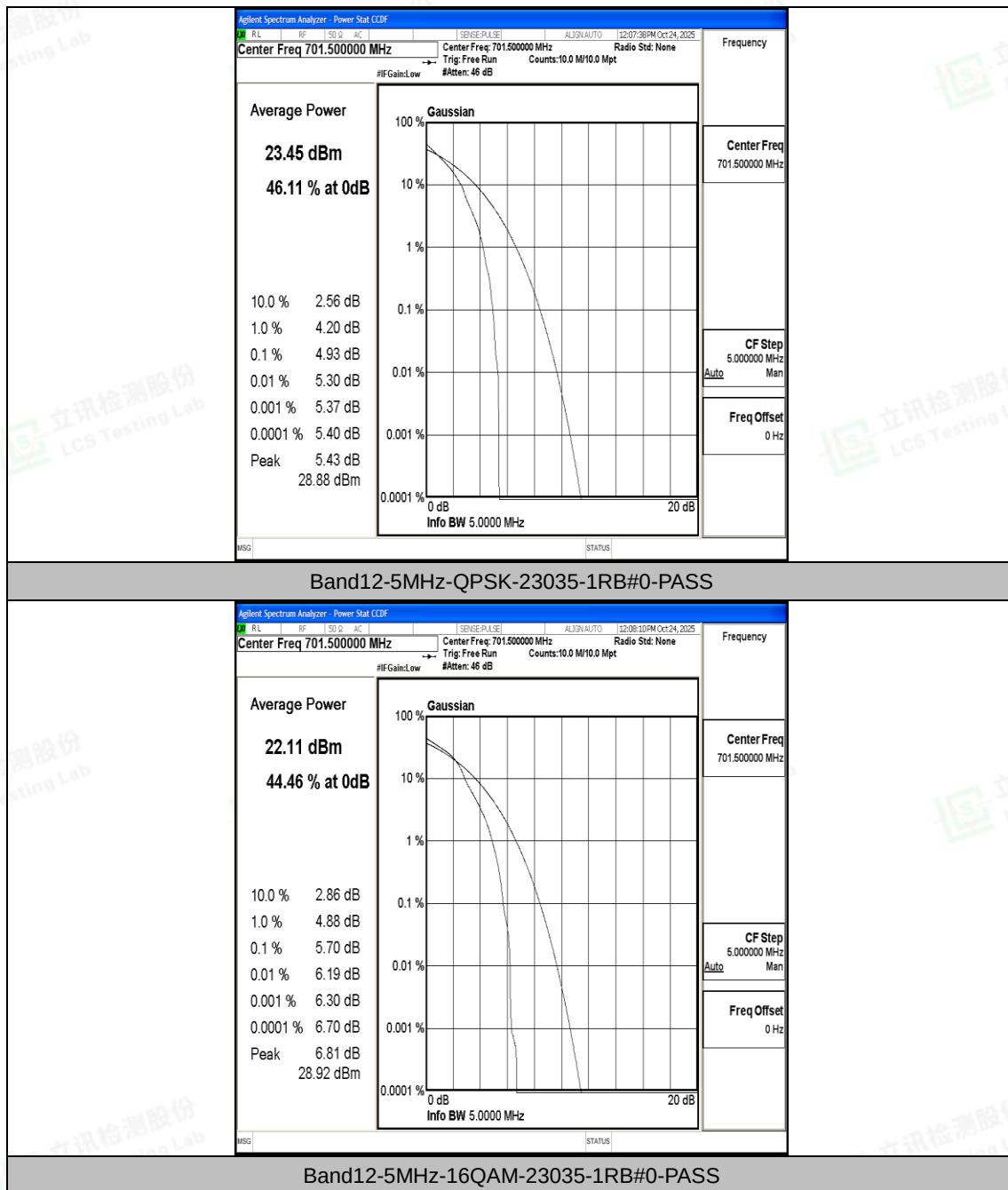


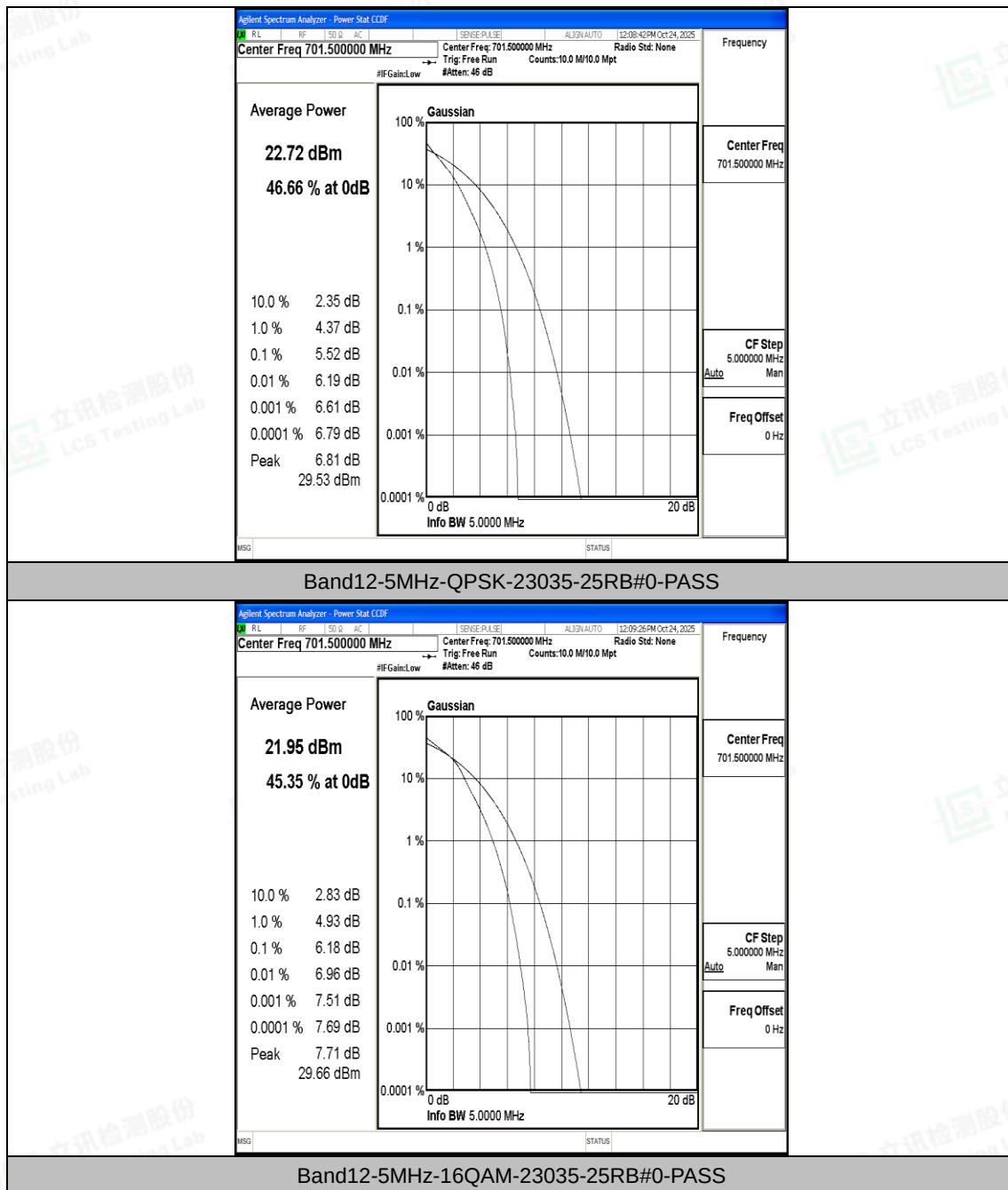


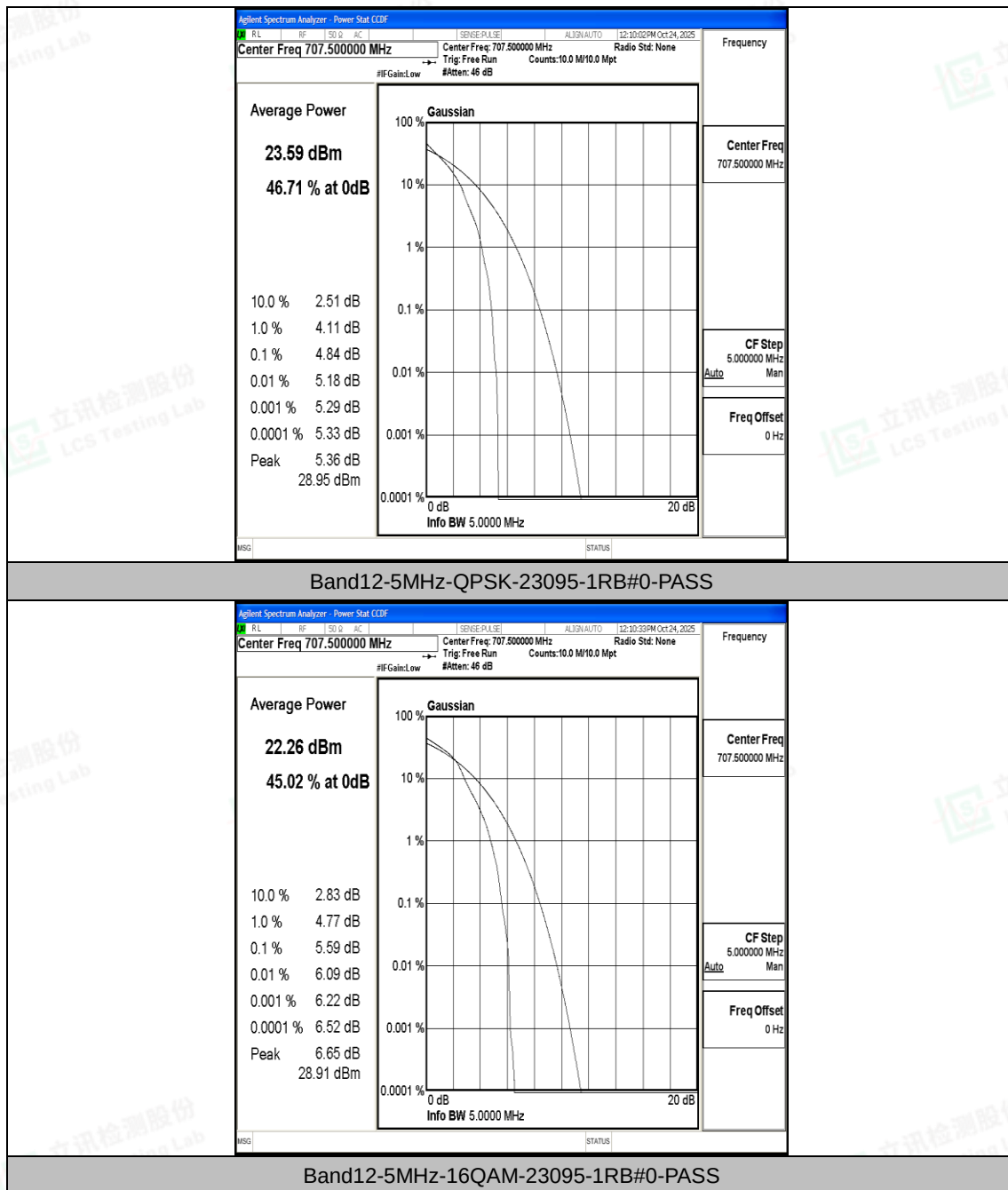


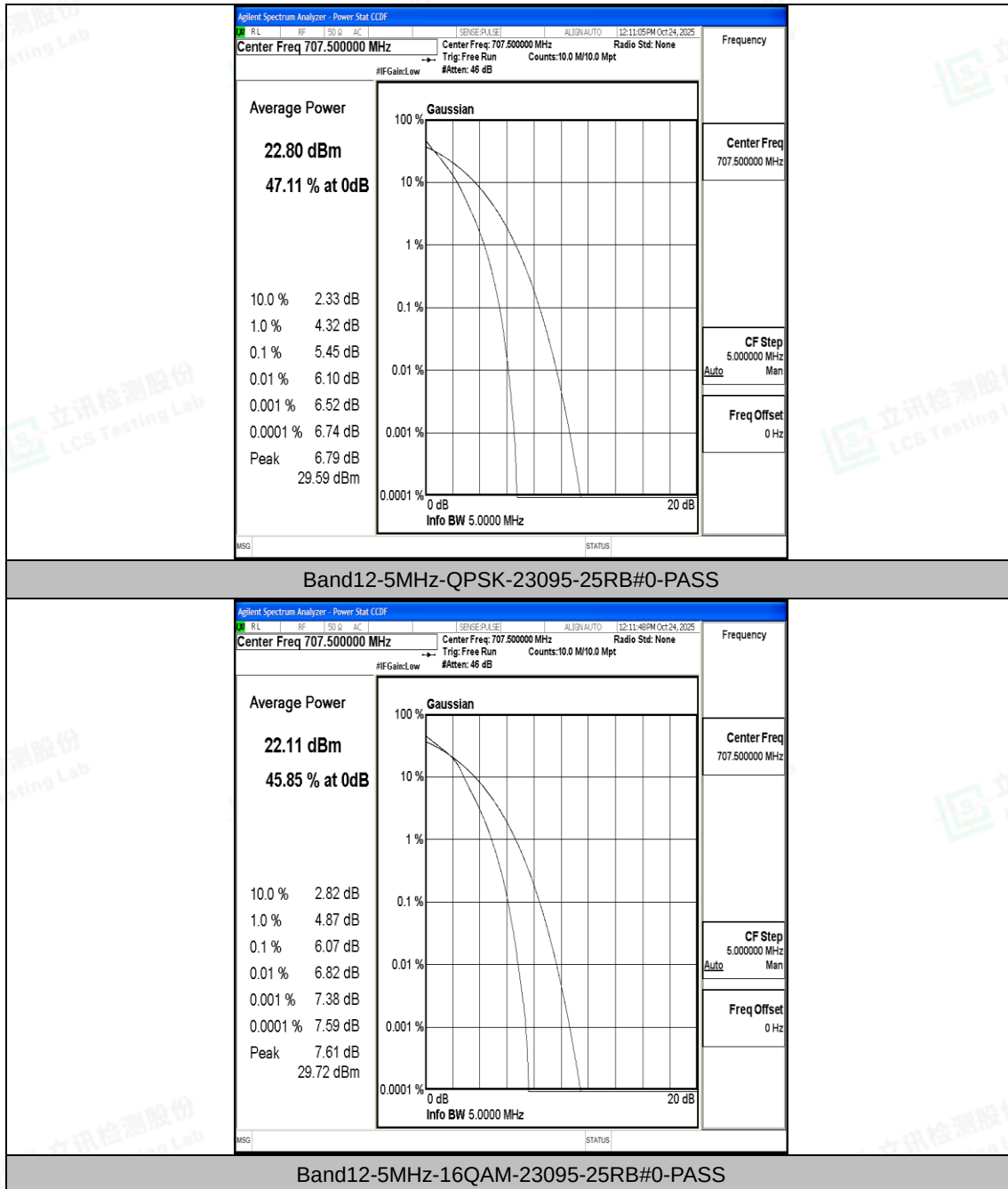


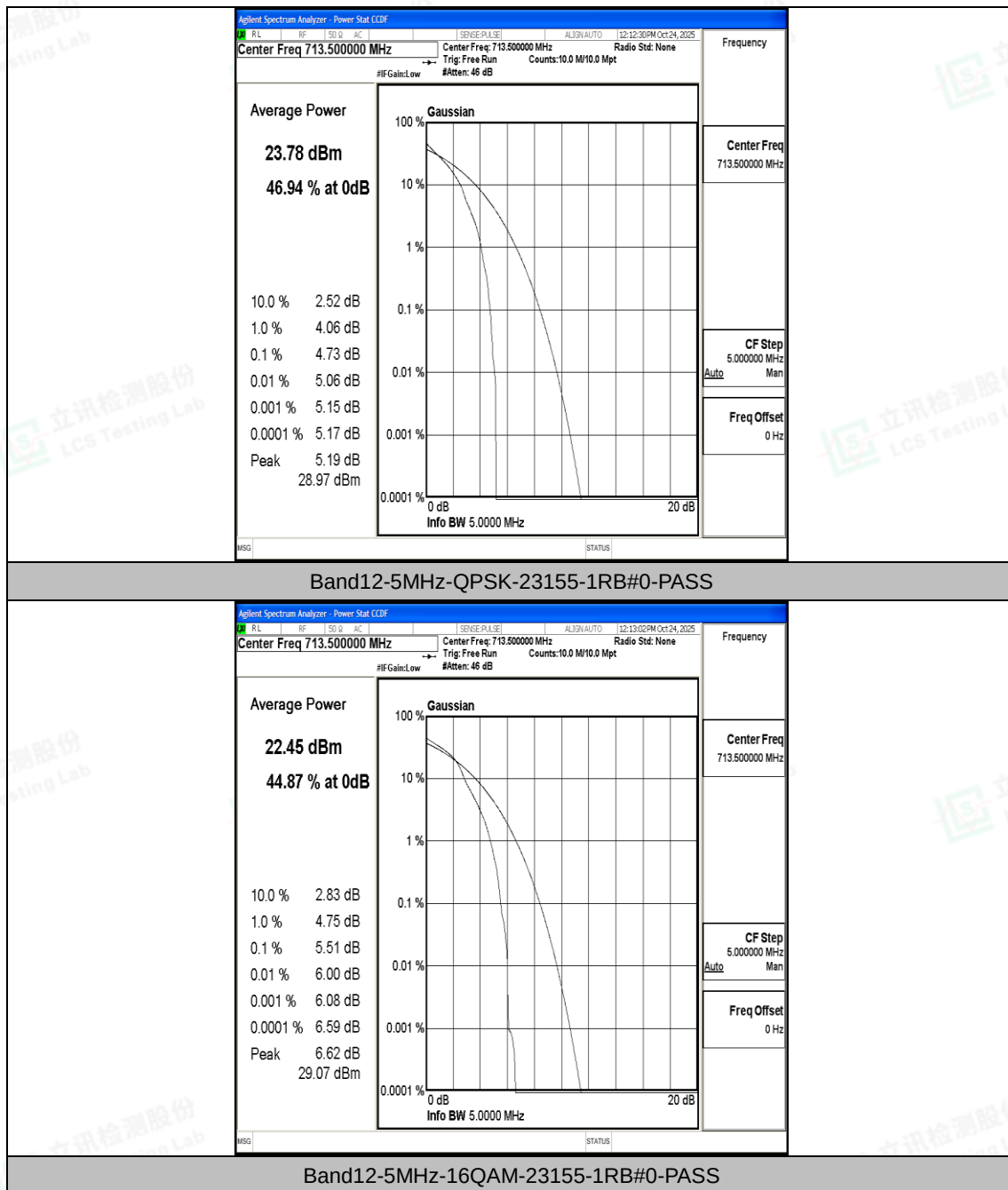


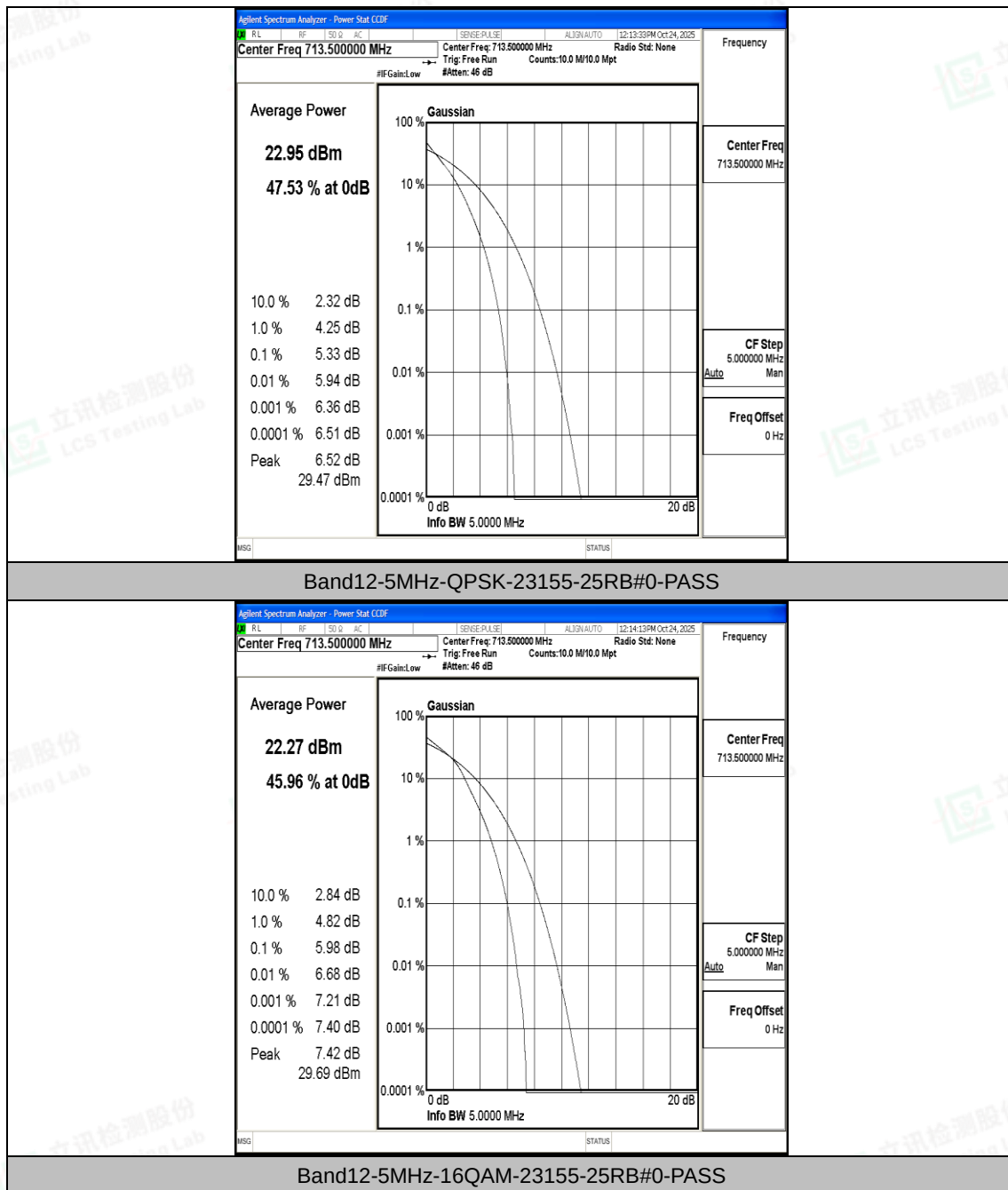


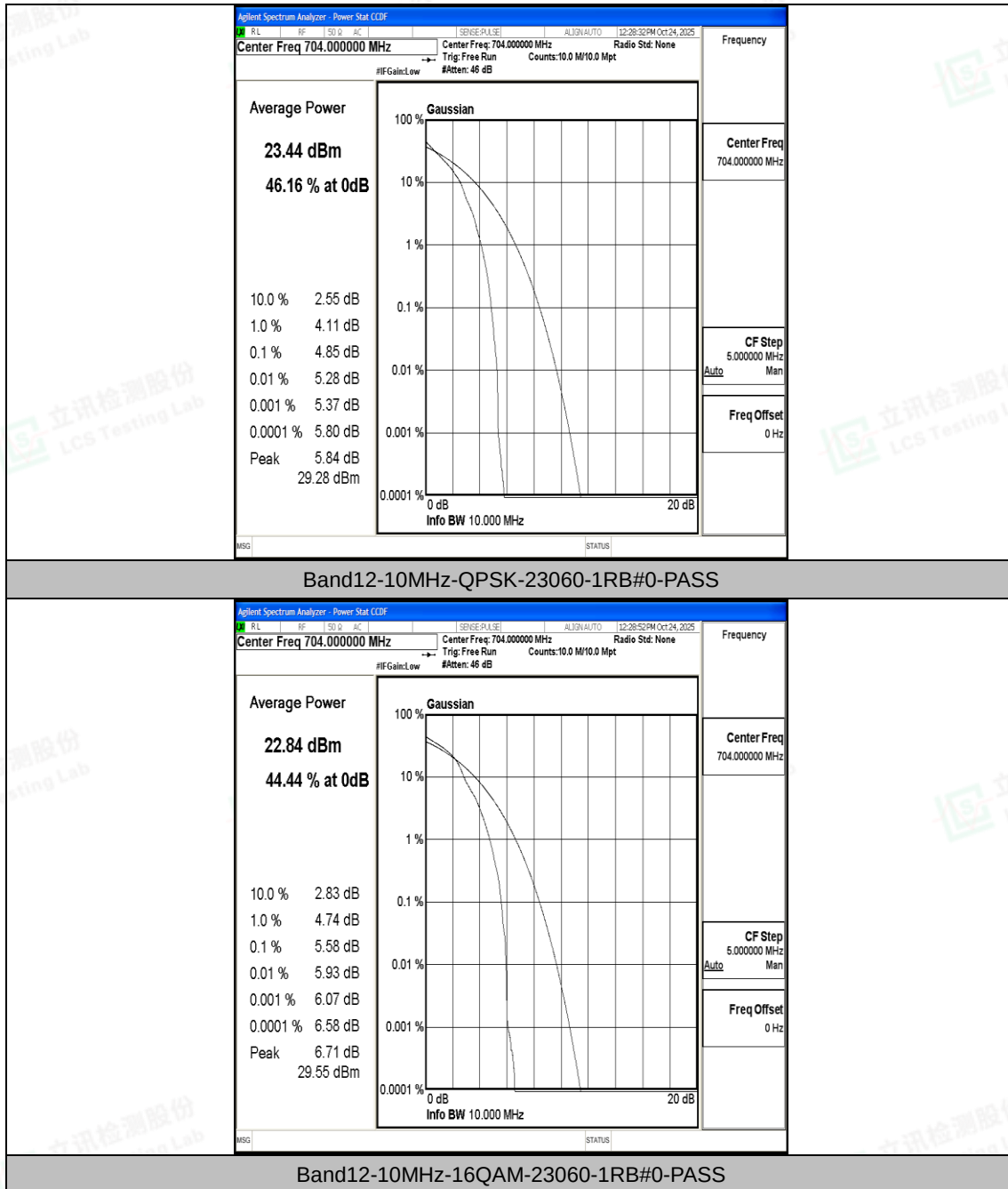


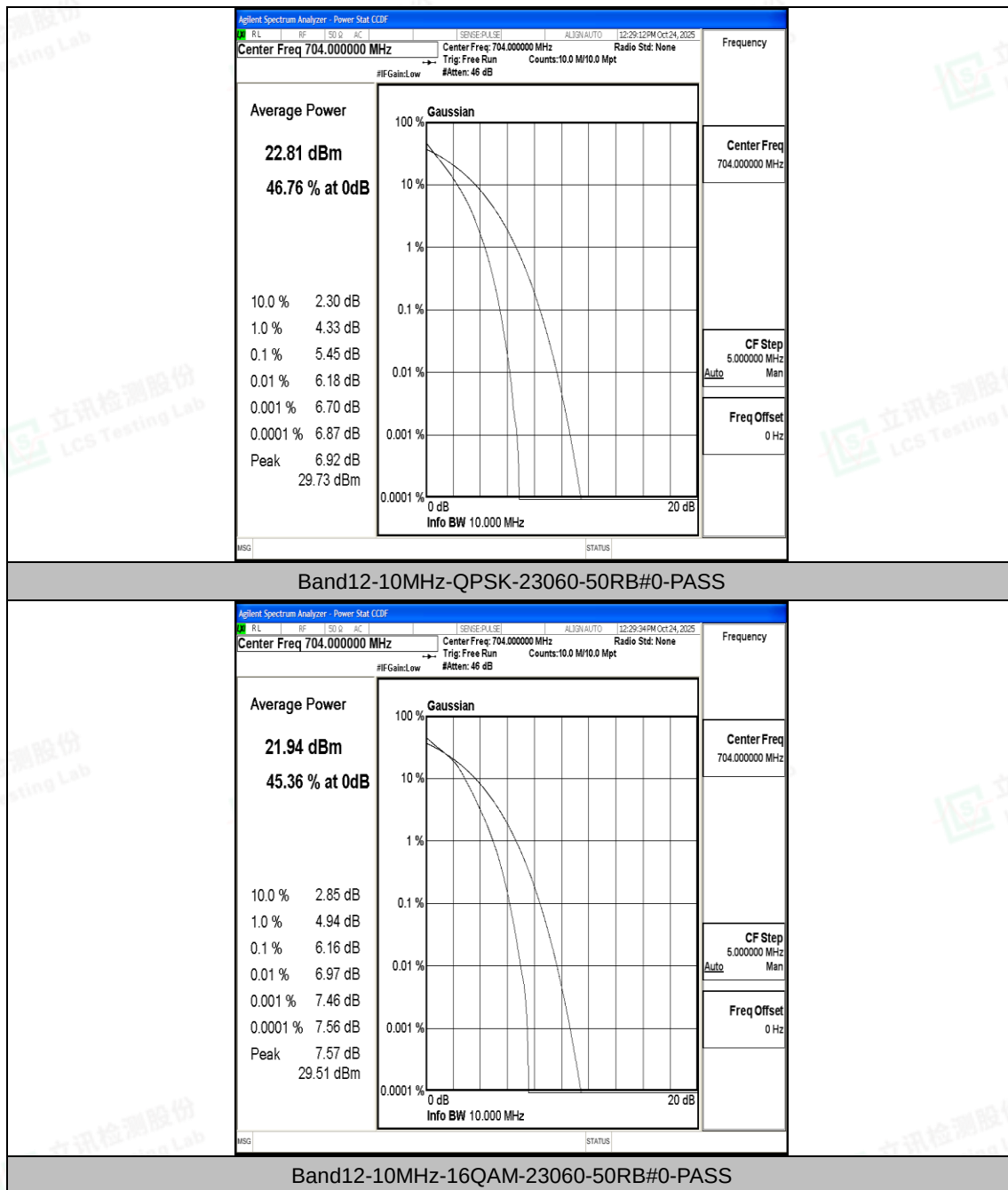


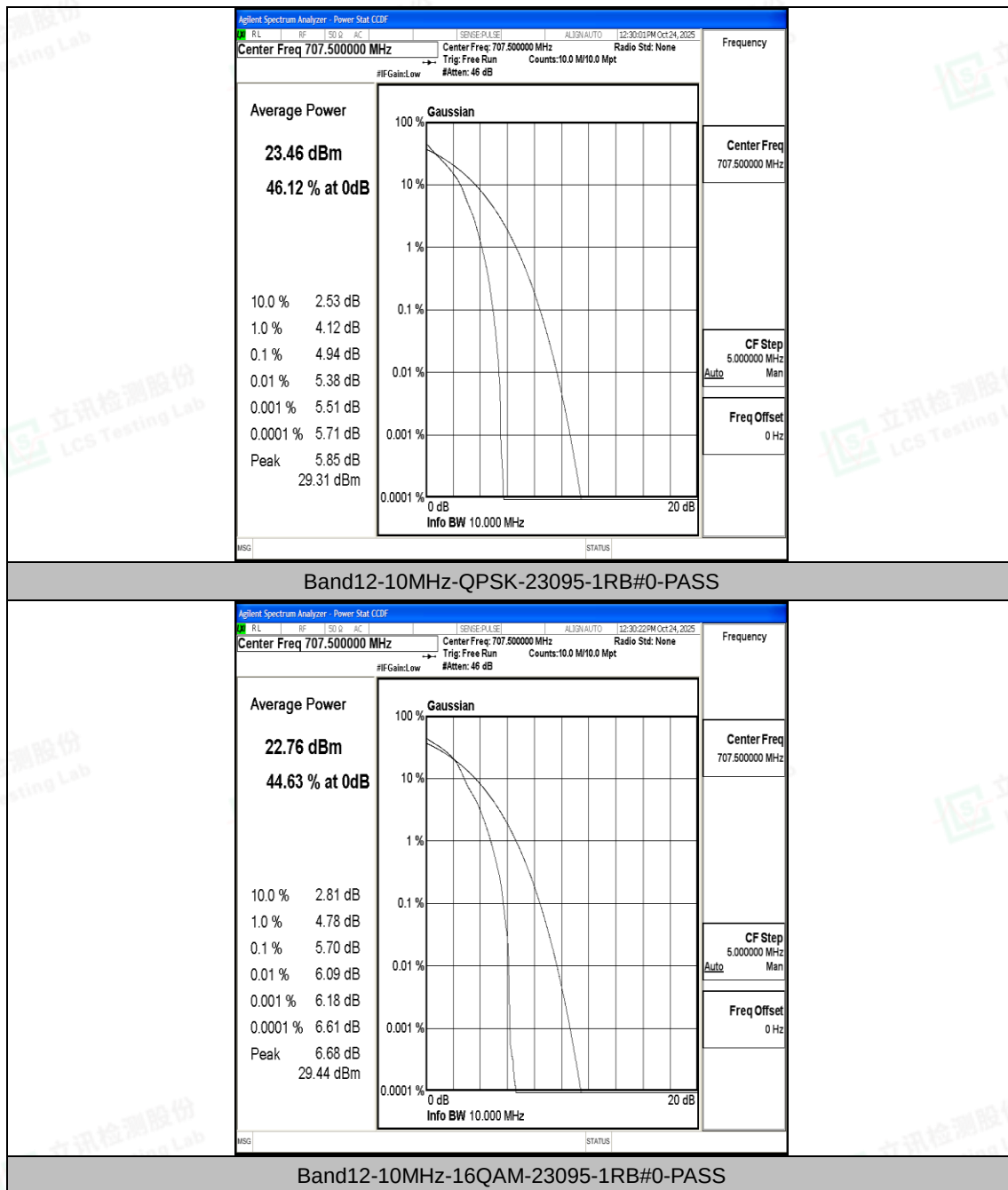


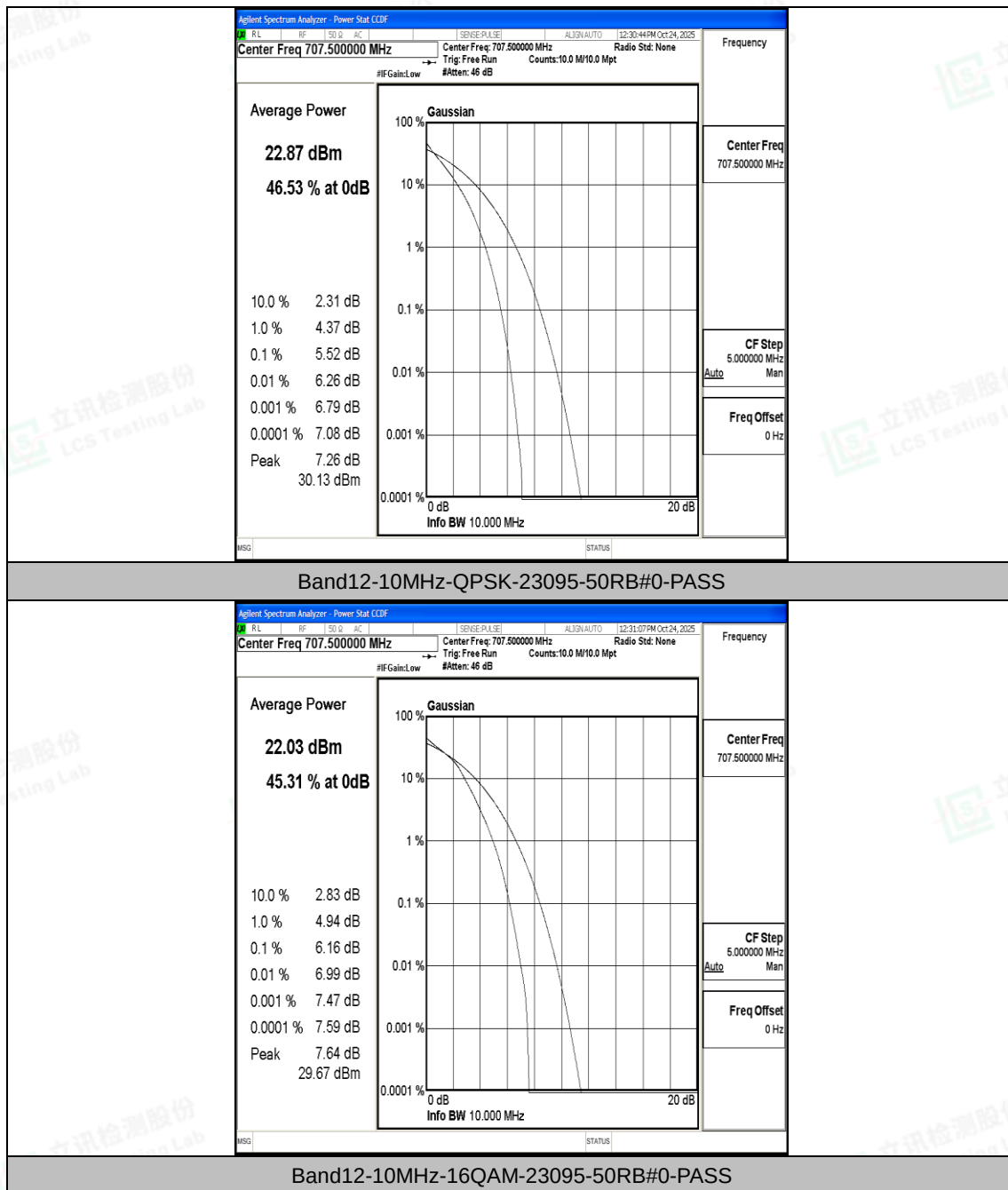


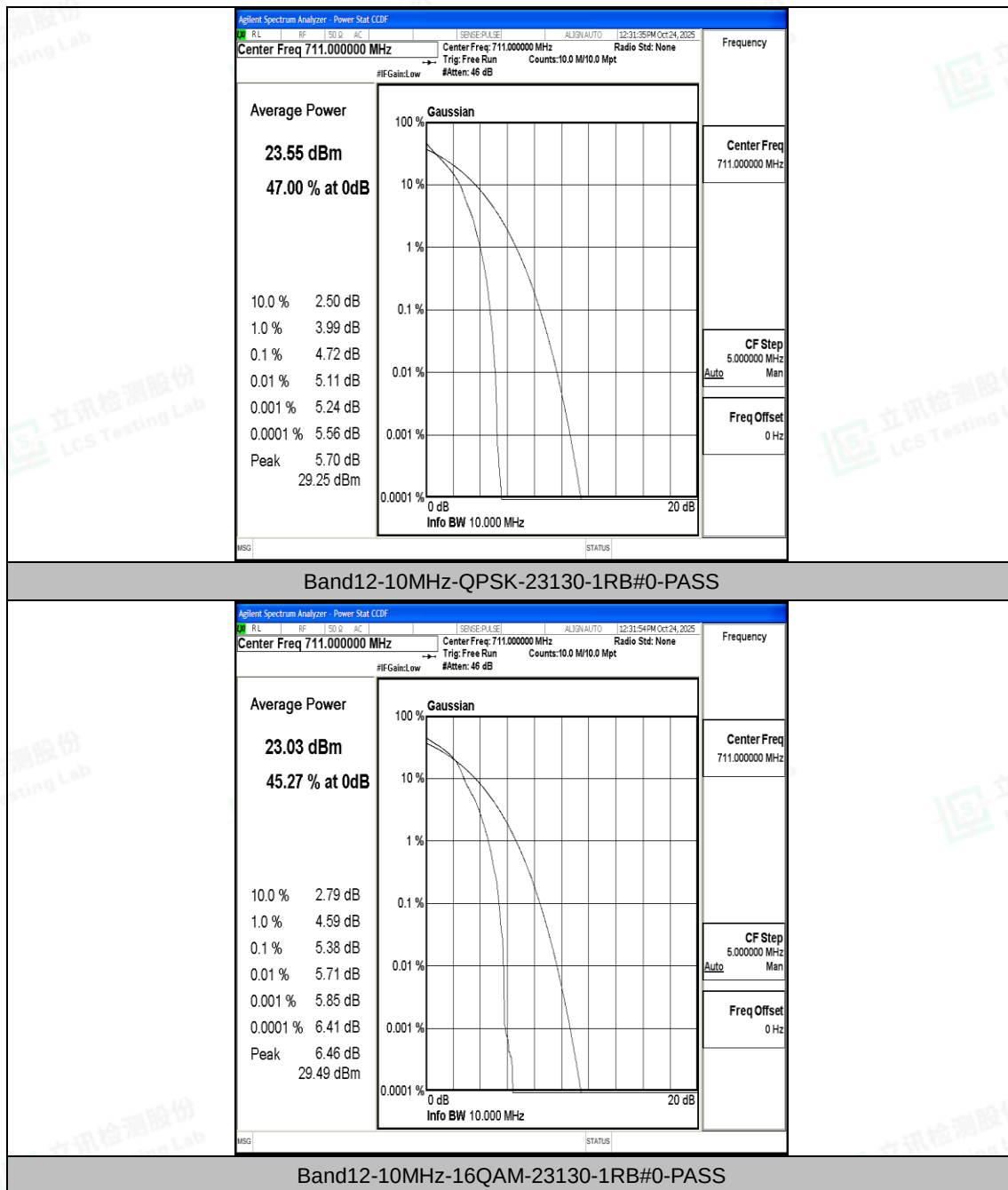


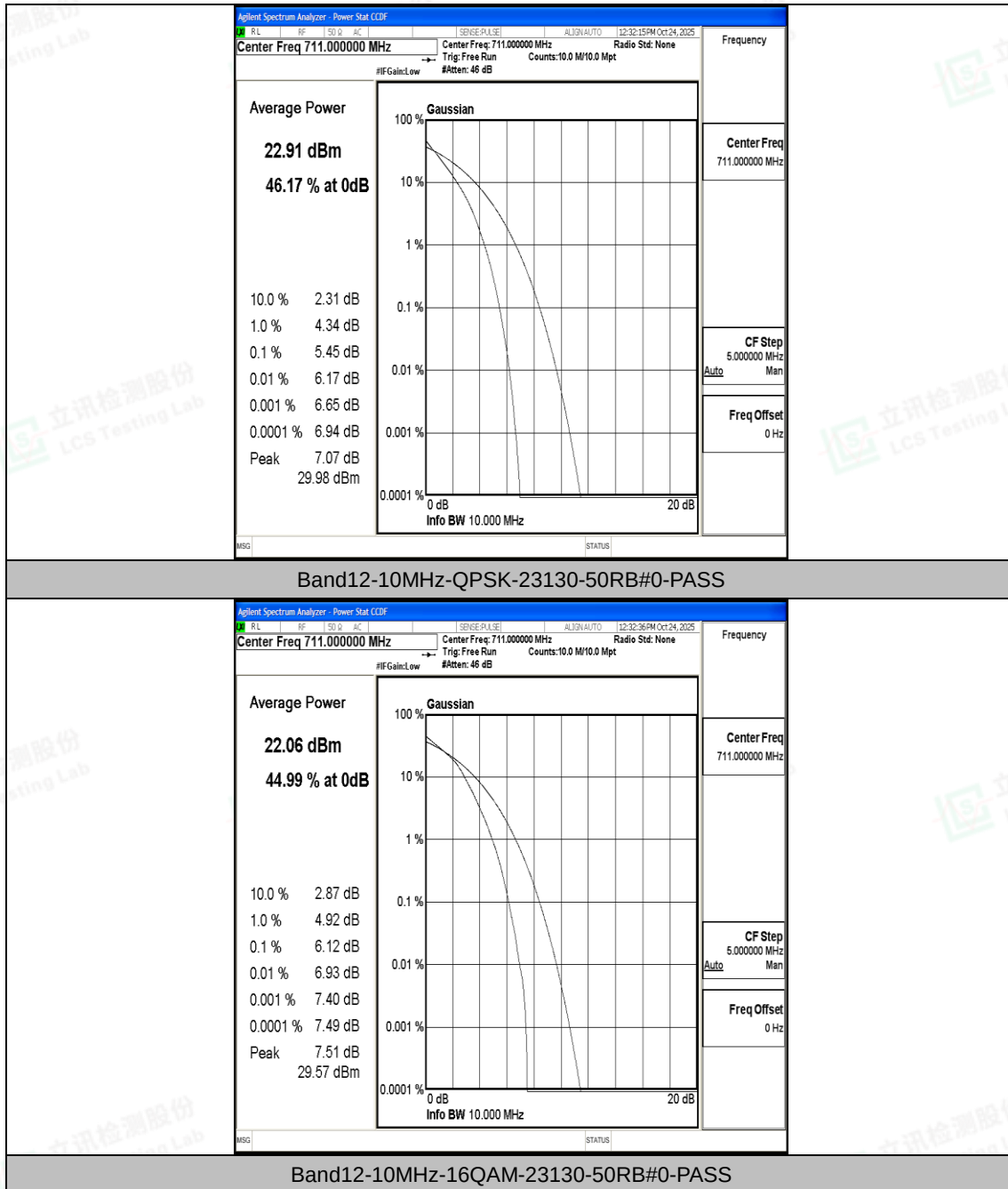














J.3 26dB Bandwidth and Occupied Bandwidth

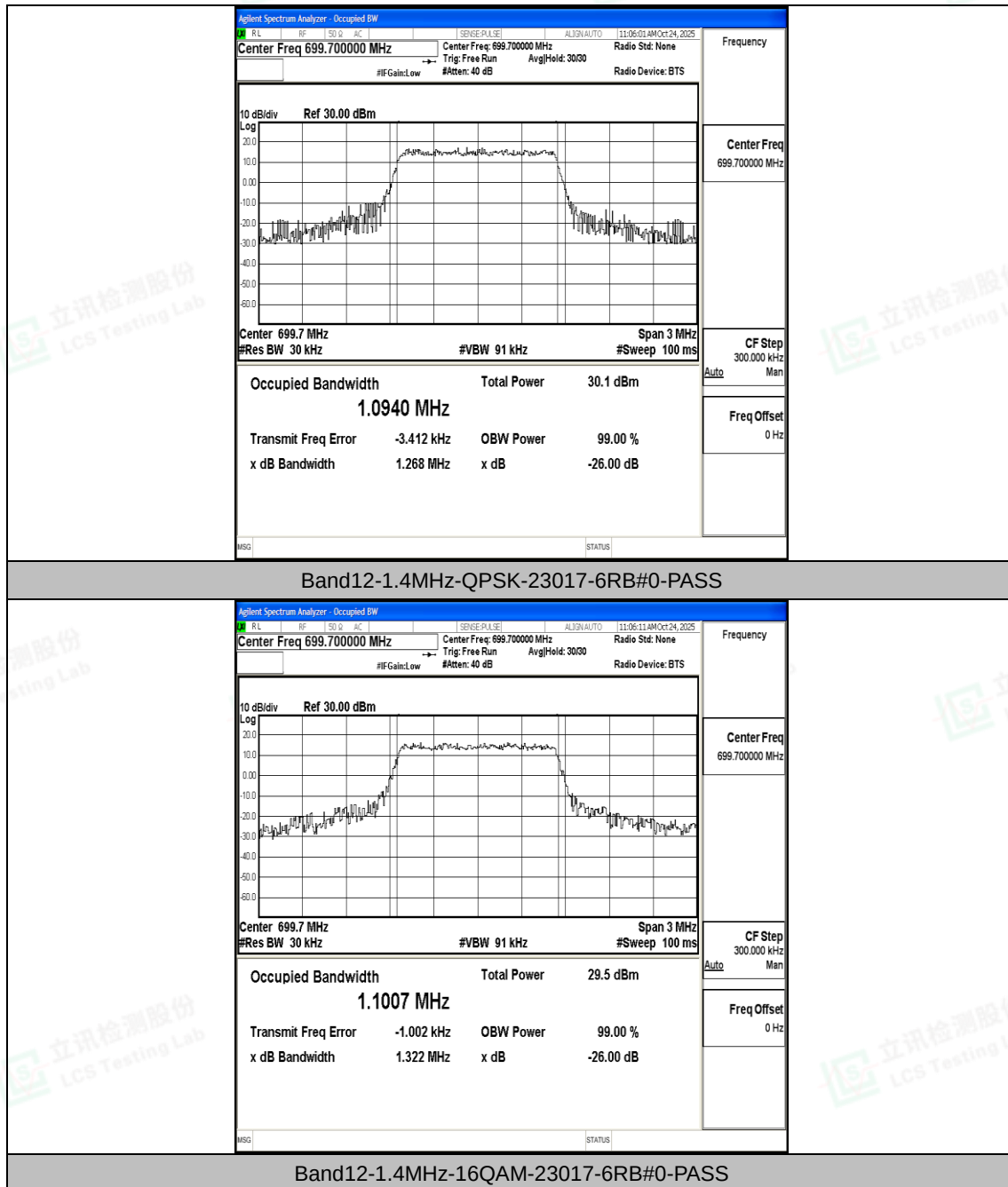
Test Result

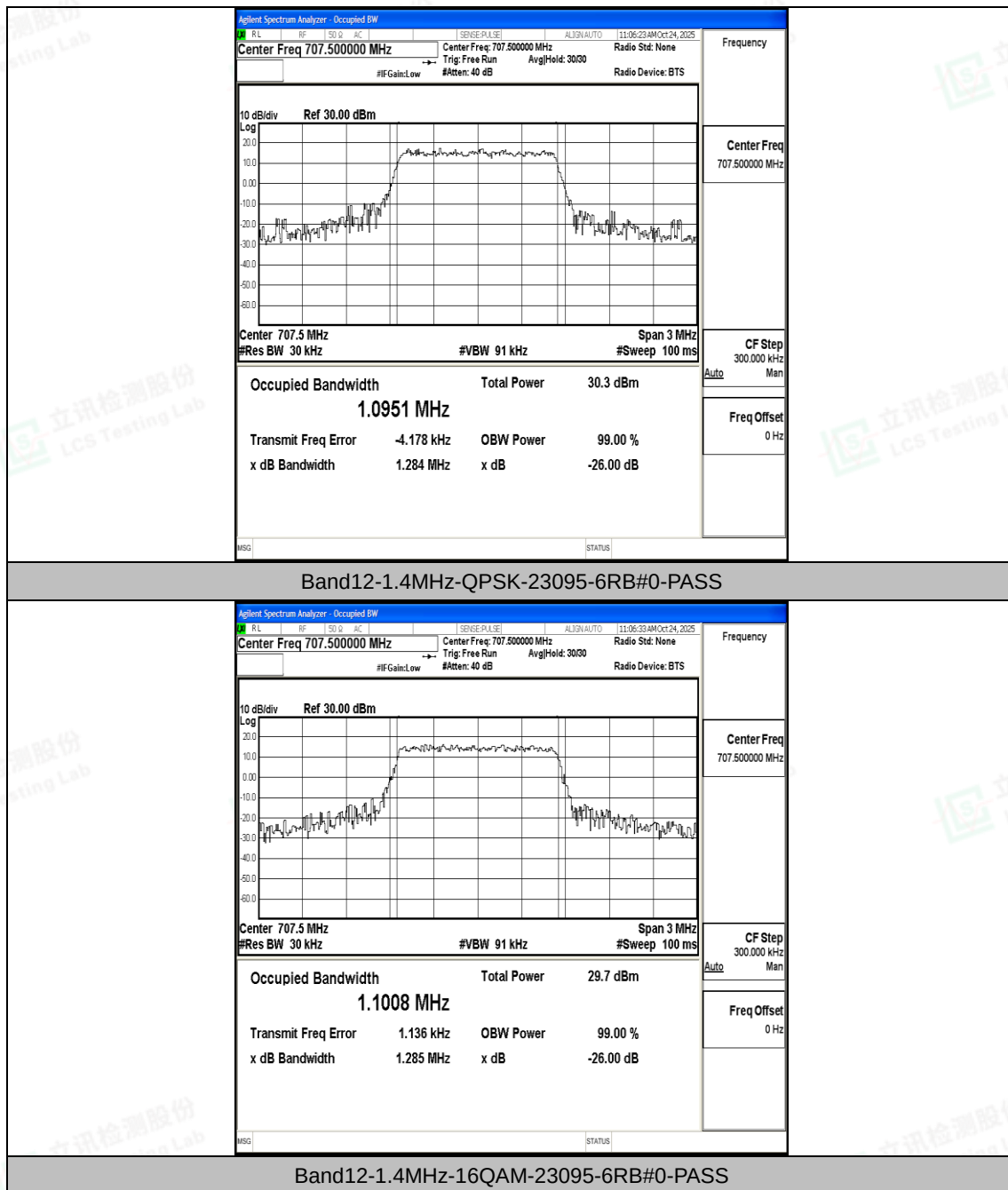
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0940	1.268	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1007	1.322	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0951	1.284	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1008	1.285	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0916	1.288	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1015	1.353	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7665	3.481	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7642	3.232	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7685	3.399	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7563	3.282	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7583	3.432	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7463	3.267	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5296	5.331	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5213	5.384	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5168	5.346	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5141	5.301	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5364	5.182	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5222	5.224	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9877	9.944	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9943	10.13	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0097	10.07	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9998	10.20	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9968	10.09	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9976	10.16	PASS

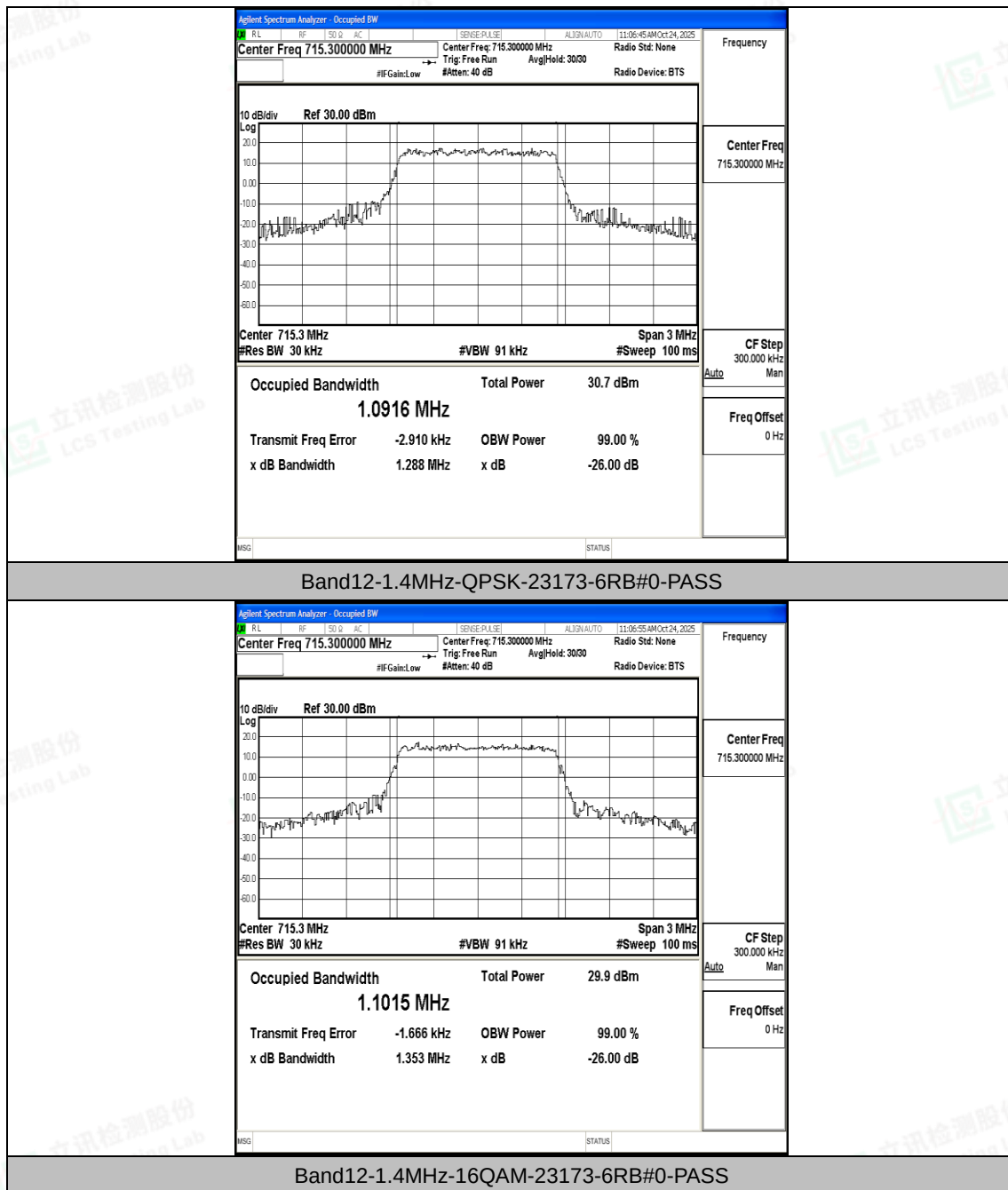




Test Graphs

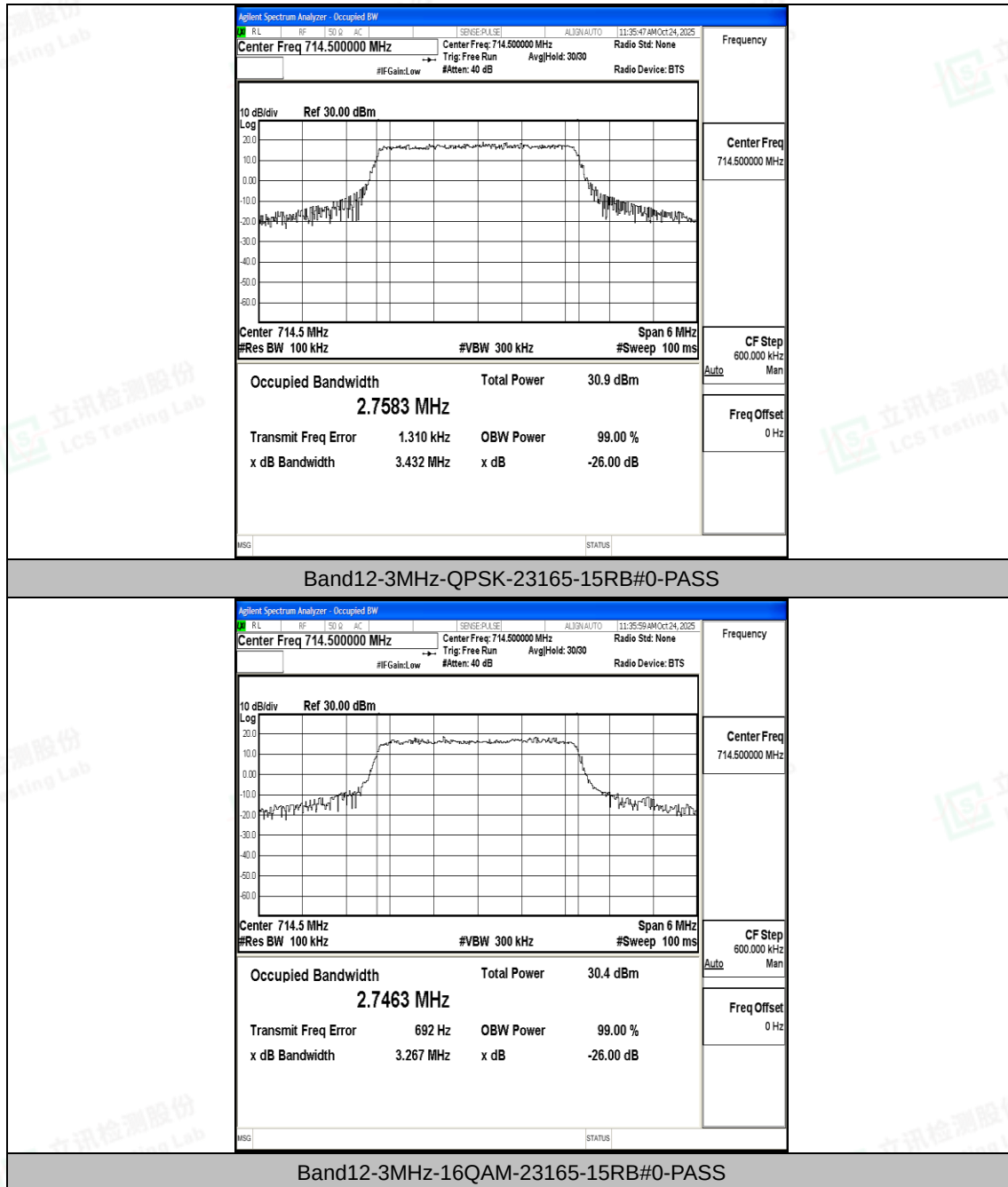


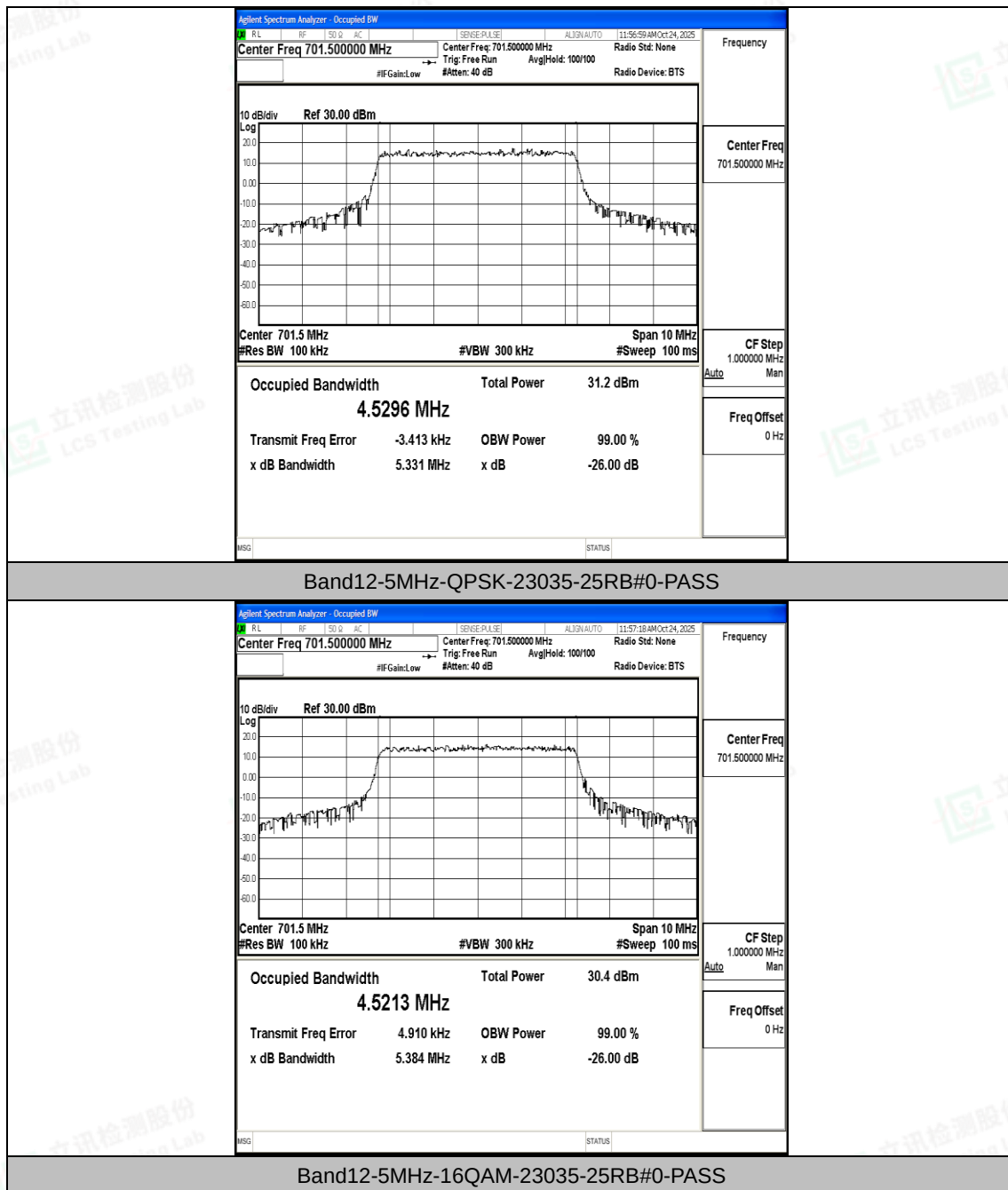


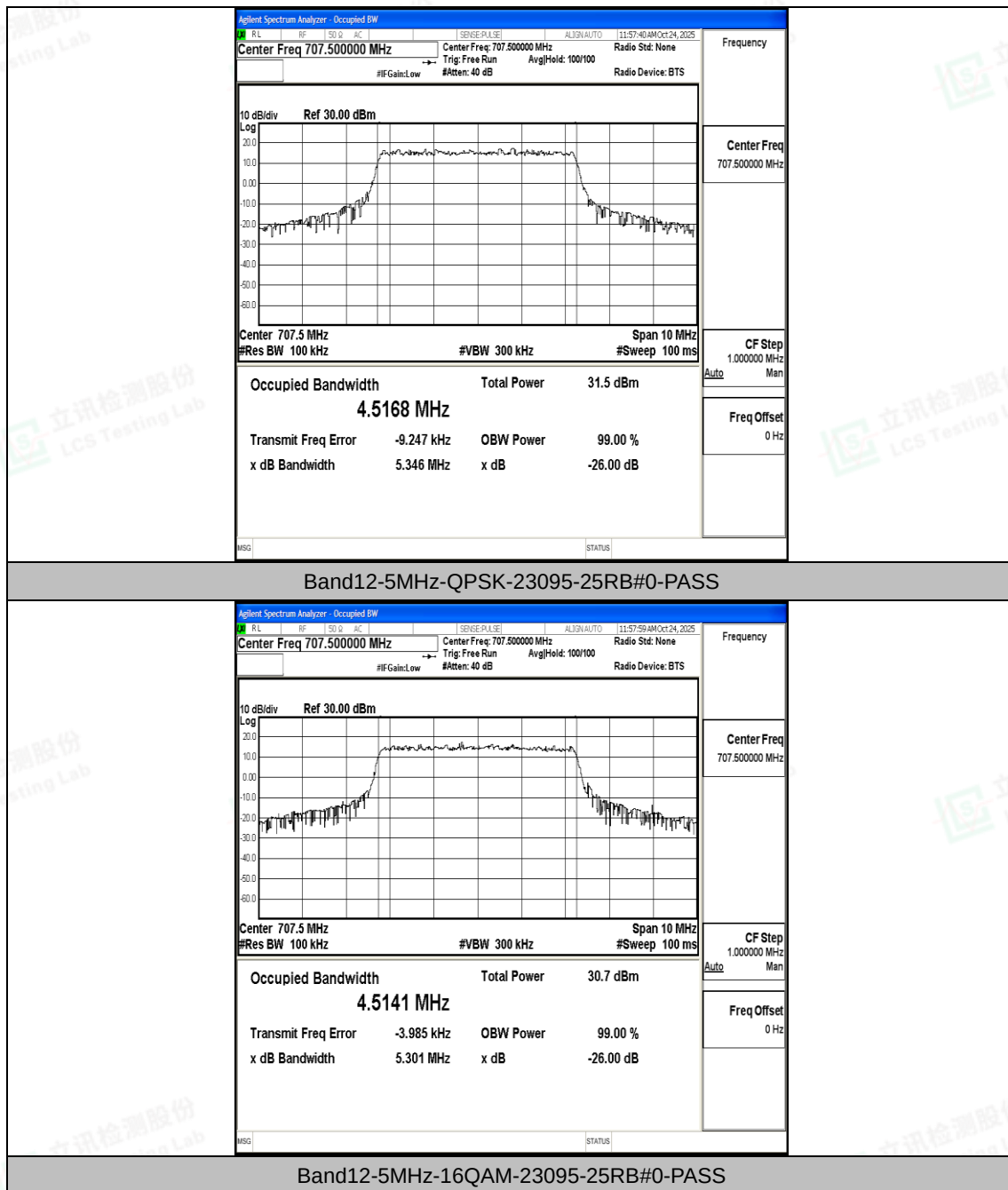


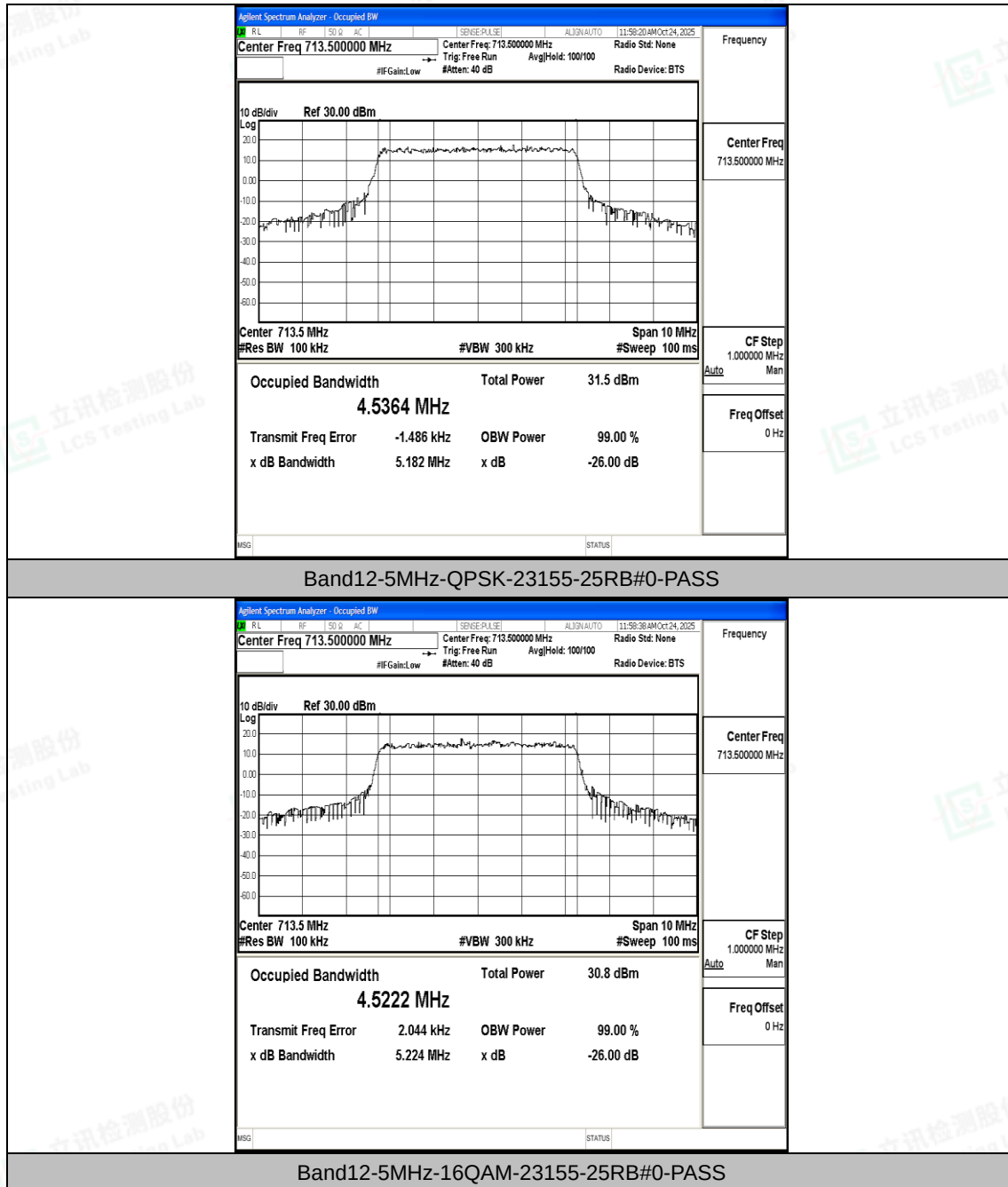


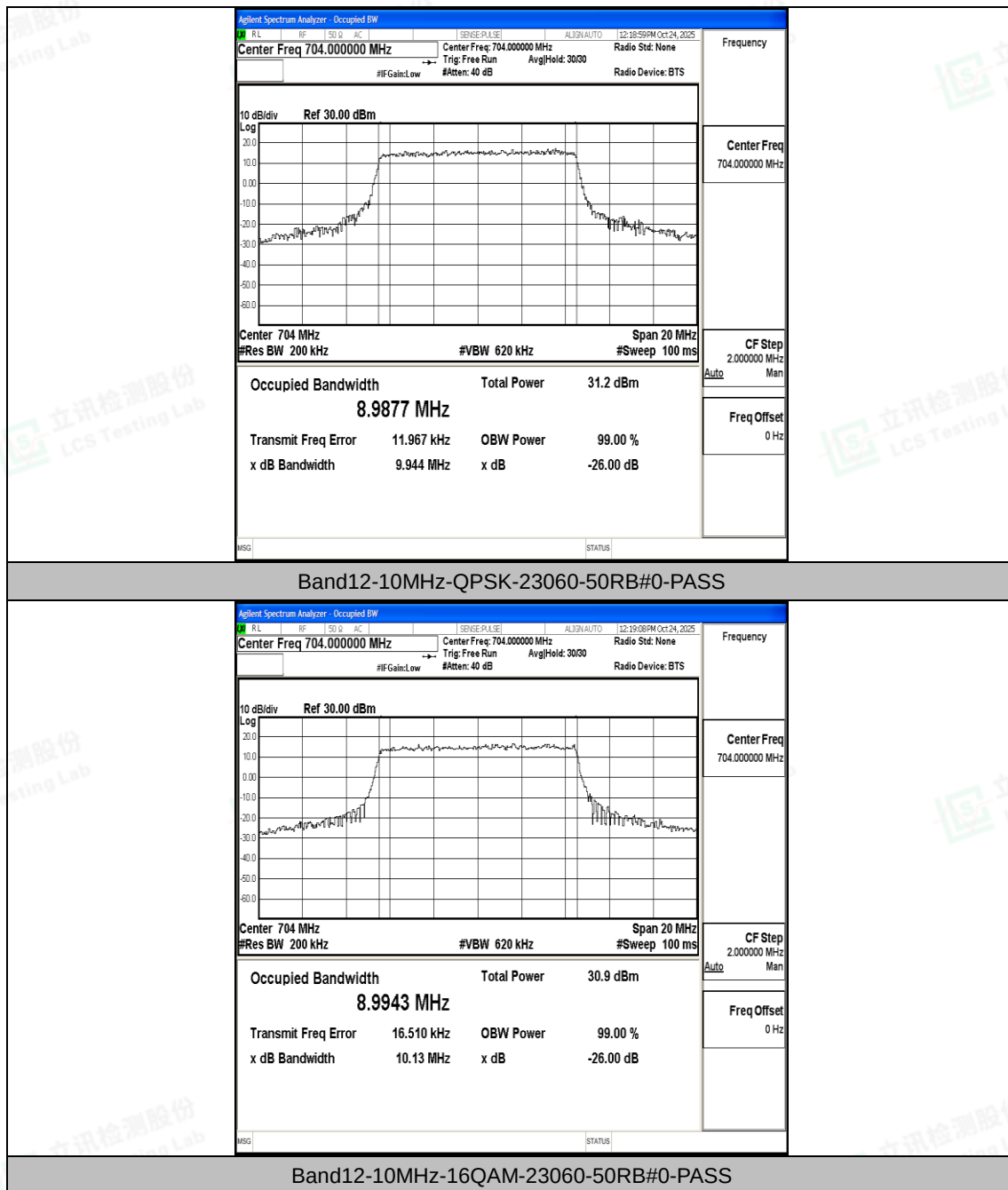


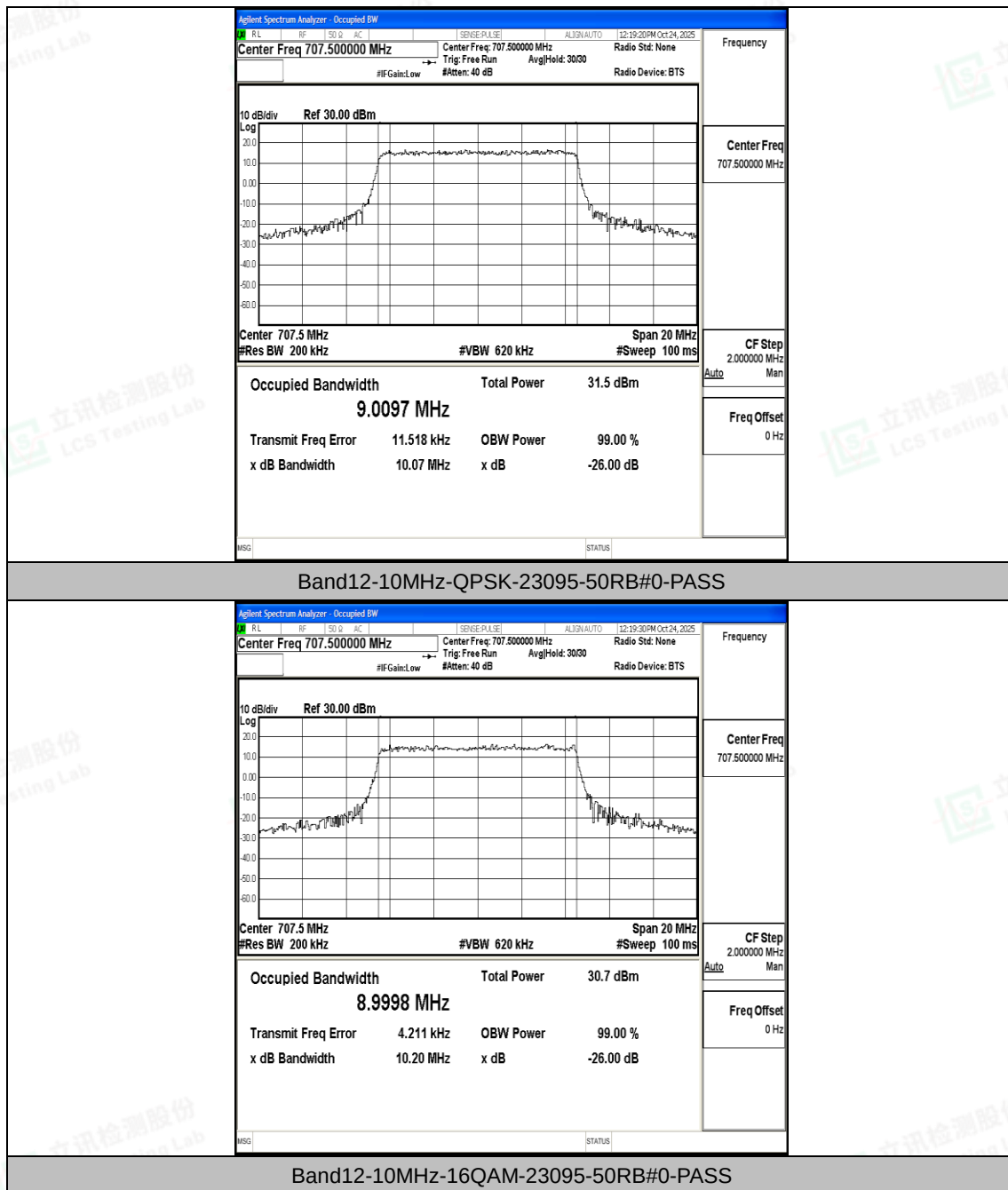


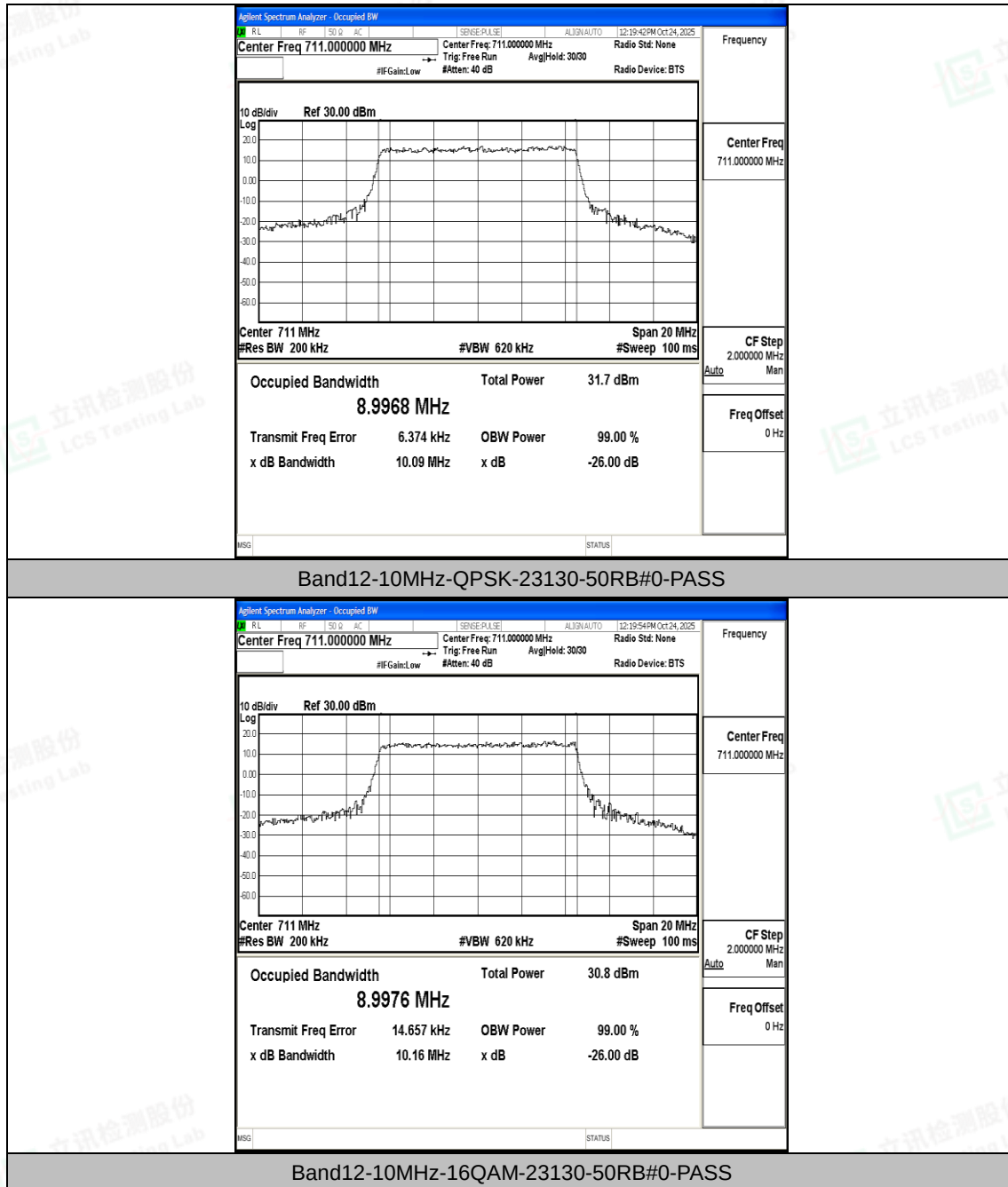












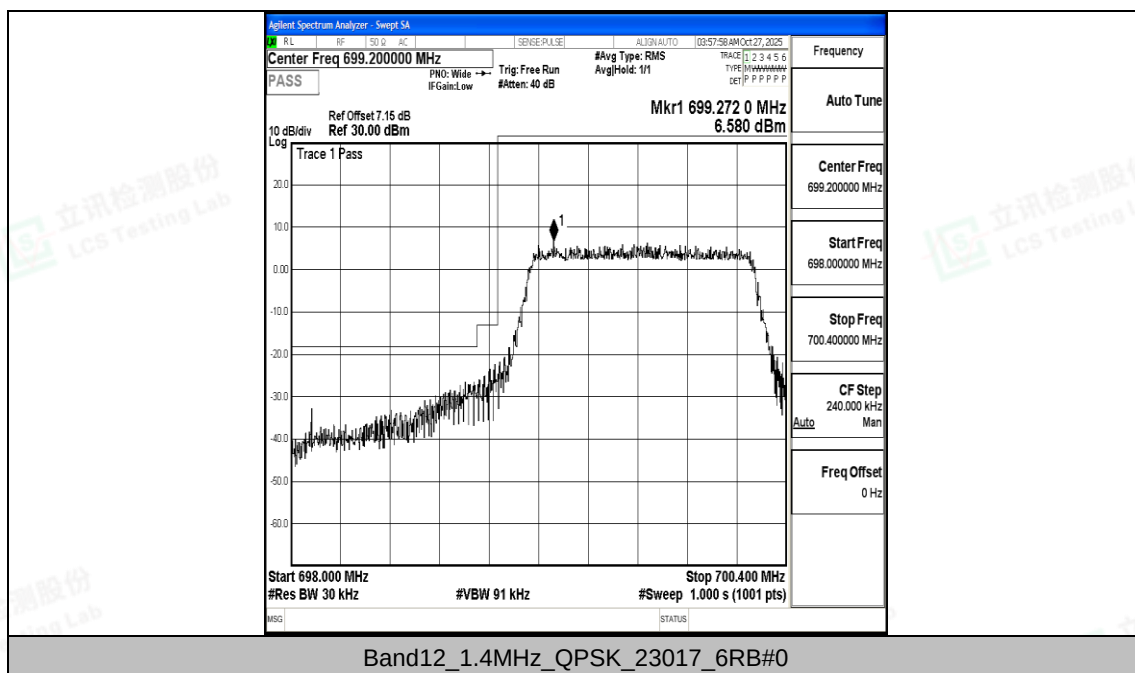


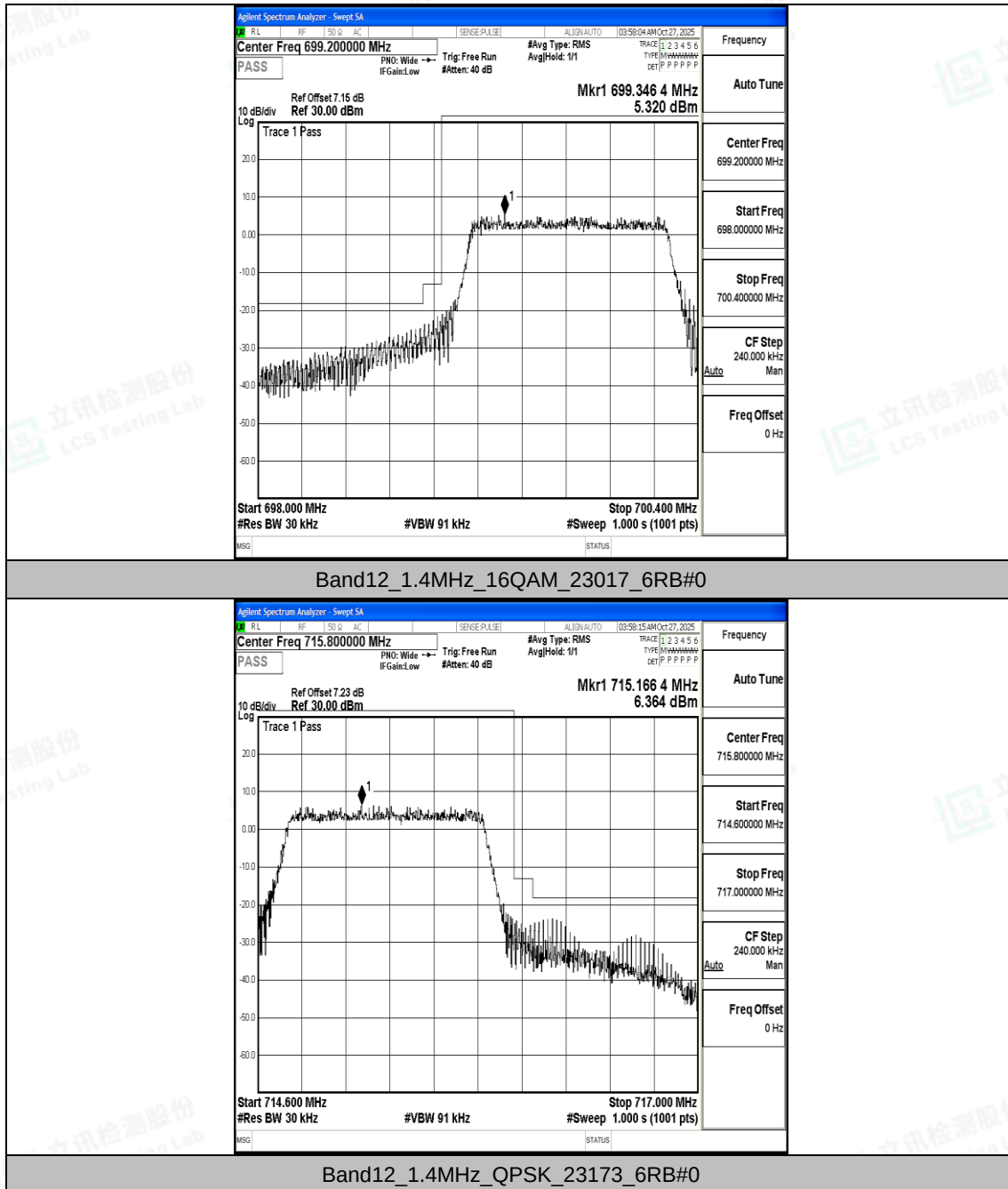
J.4 Band Edge

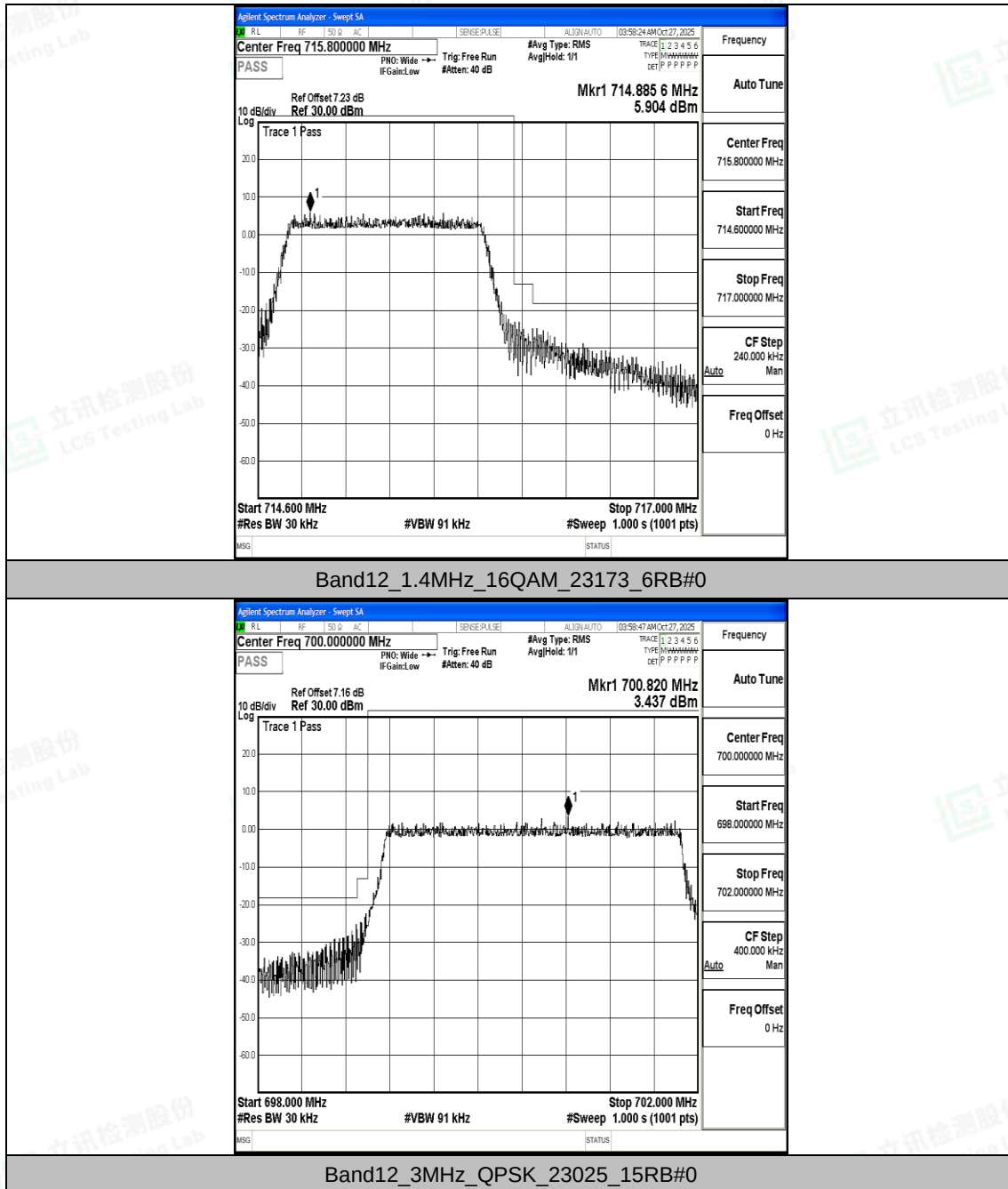
Test Result

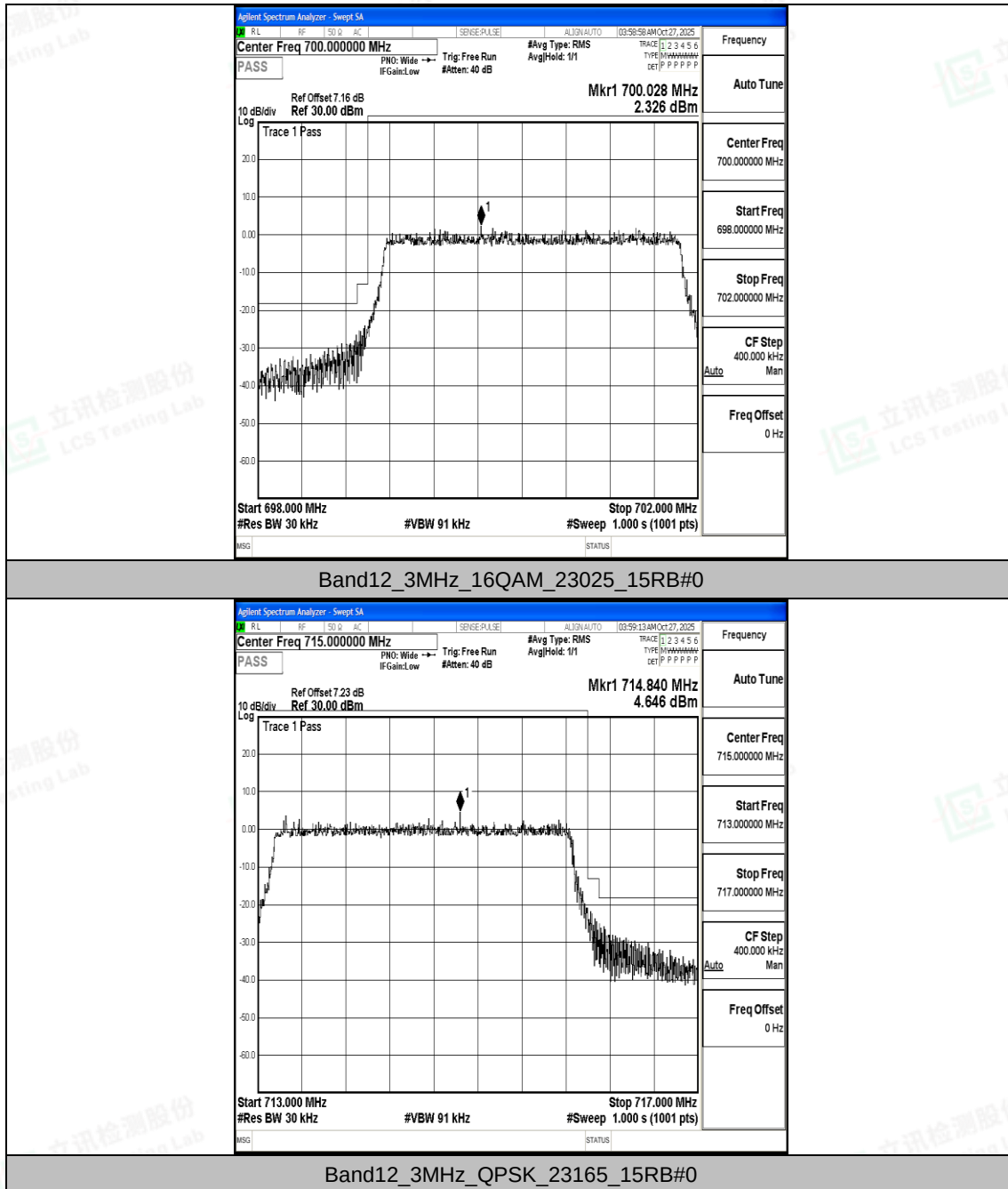
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	698.84	-26.46	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	698.89	-24.80	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.21	-23.72	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	716.12	-24.80	PASS
Band12	3MHz	QPSK	23025	15RB#0	698.90	-25.26	PASS
Band12	3MHz	16QAM	23025	15RB#0	698.90	-26.46	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.10	-25.03	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.10	-28.05	PASS
Band12	5MHz	QPSK	23035	25RB#0	698.81	-29.10	PASS
Band12	5MHz	16QAM	23035	25RB#0	698.88	-30.10	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.12	-30.65	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.15	-29.08	PASS
Band12	10MHz	QPSK	23060	50RB#0	698.80	-26.33	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.73	-28.23	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.16	-26.04	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.11	-24.21	PASS

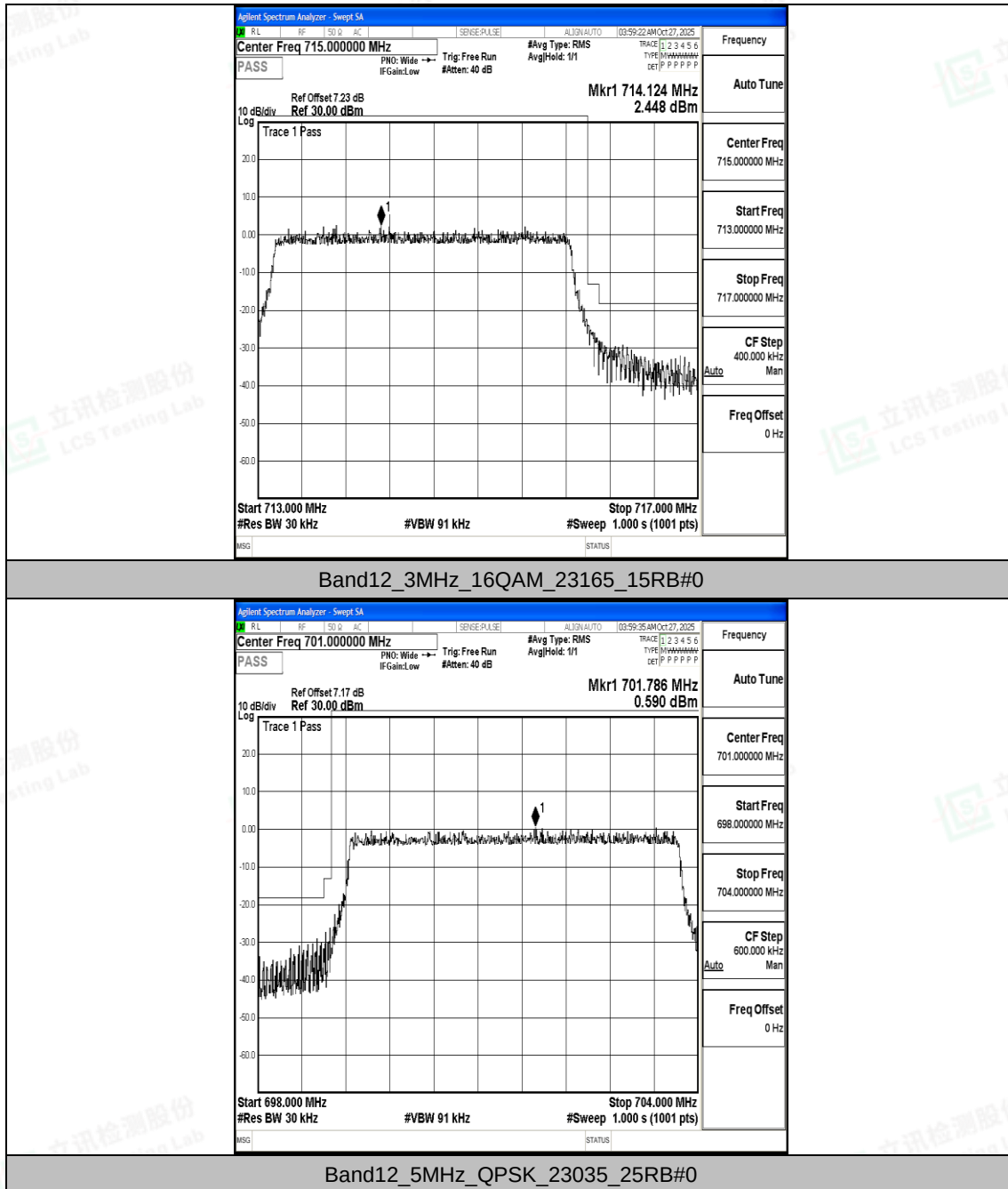
Test Graphs

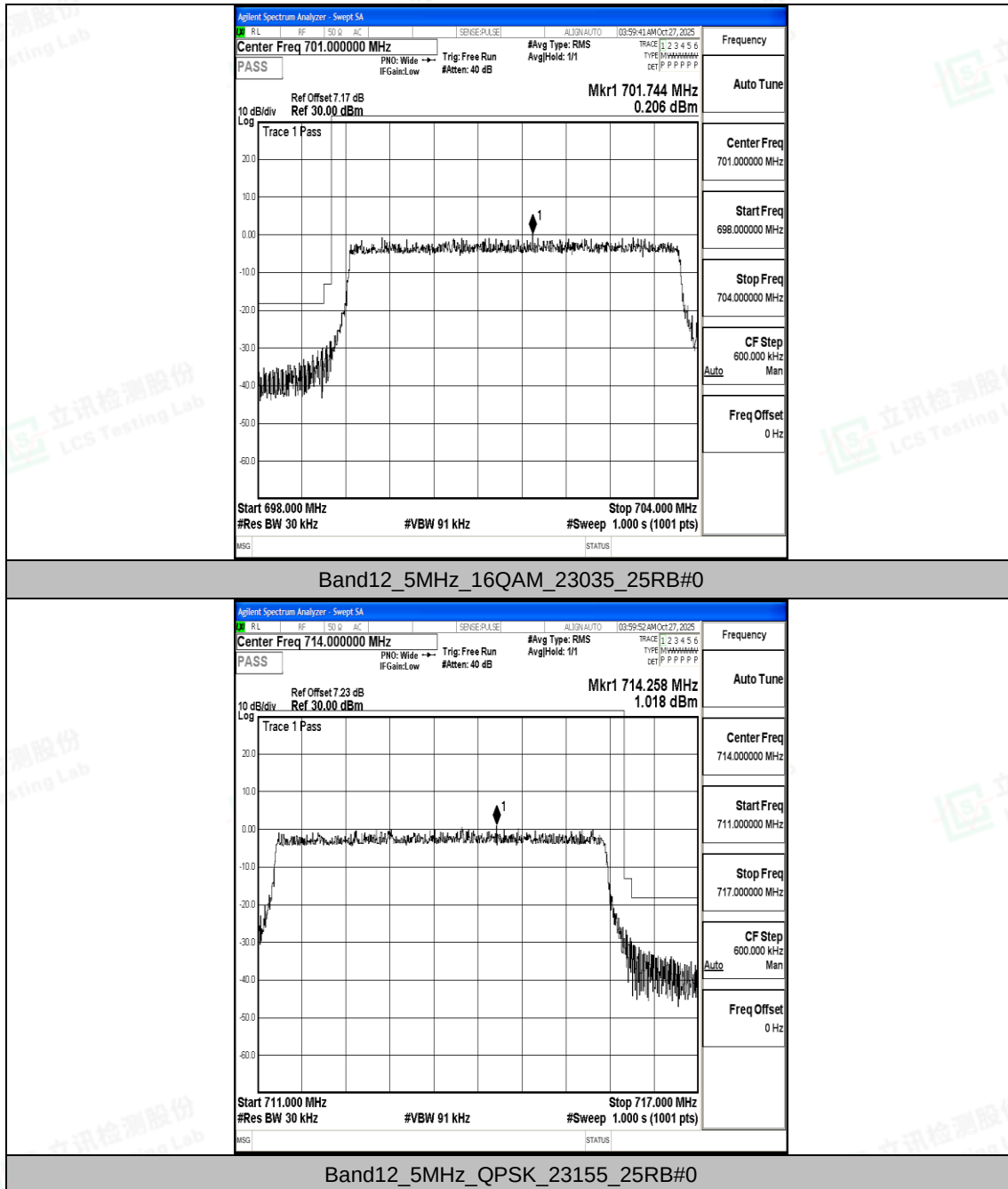


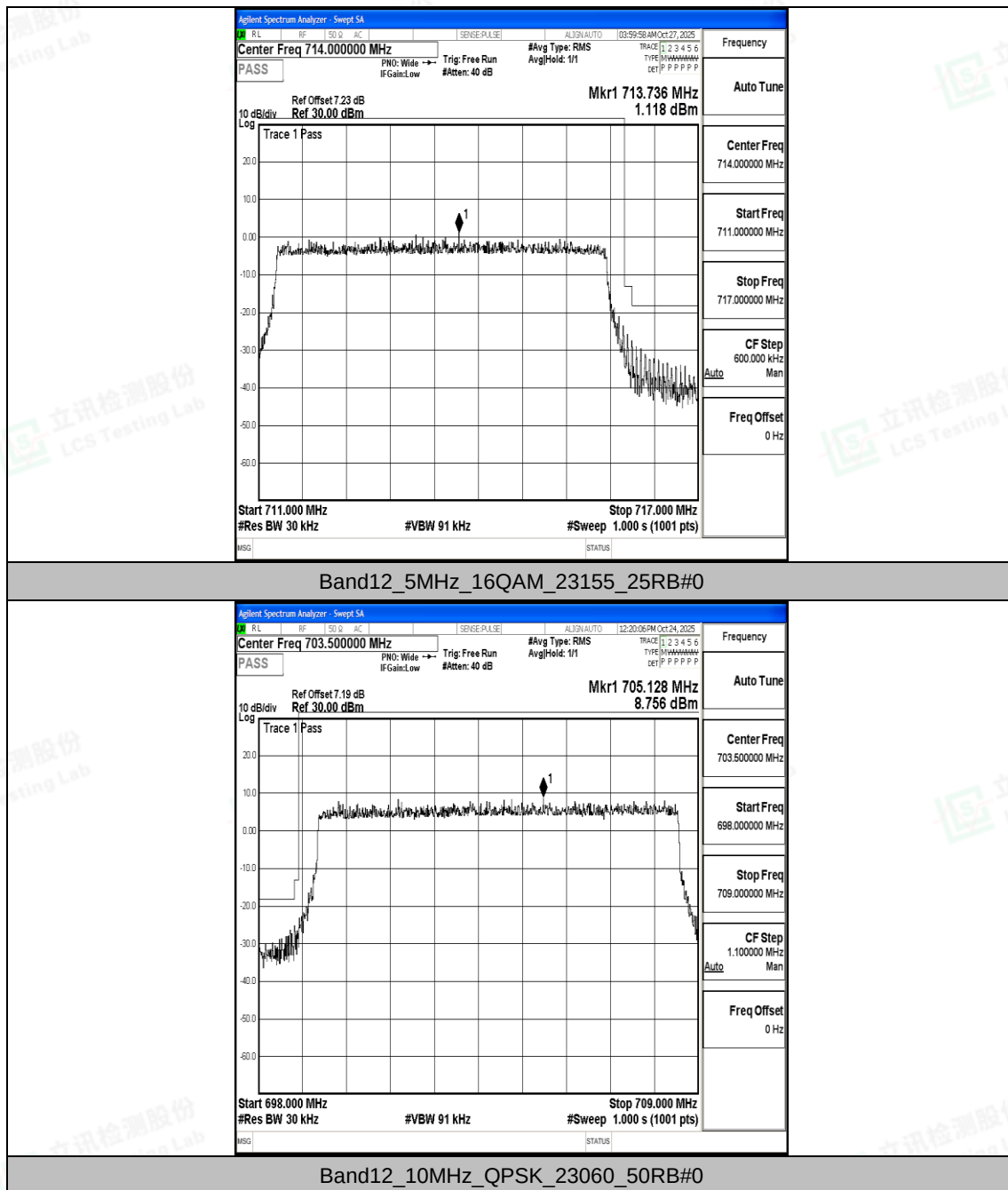


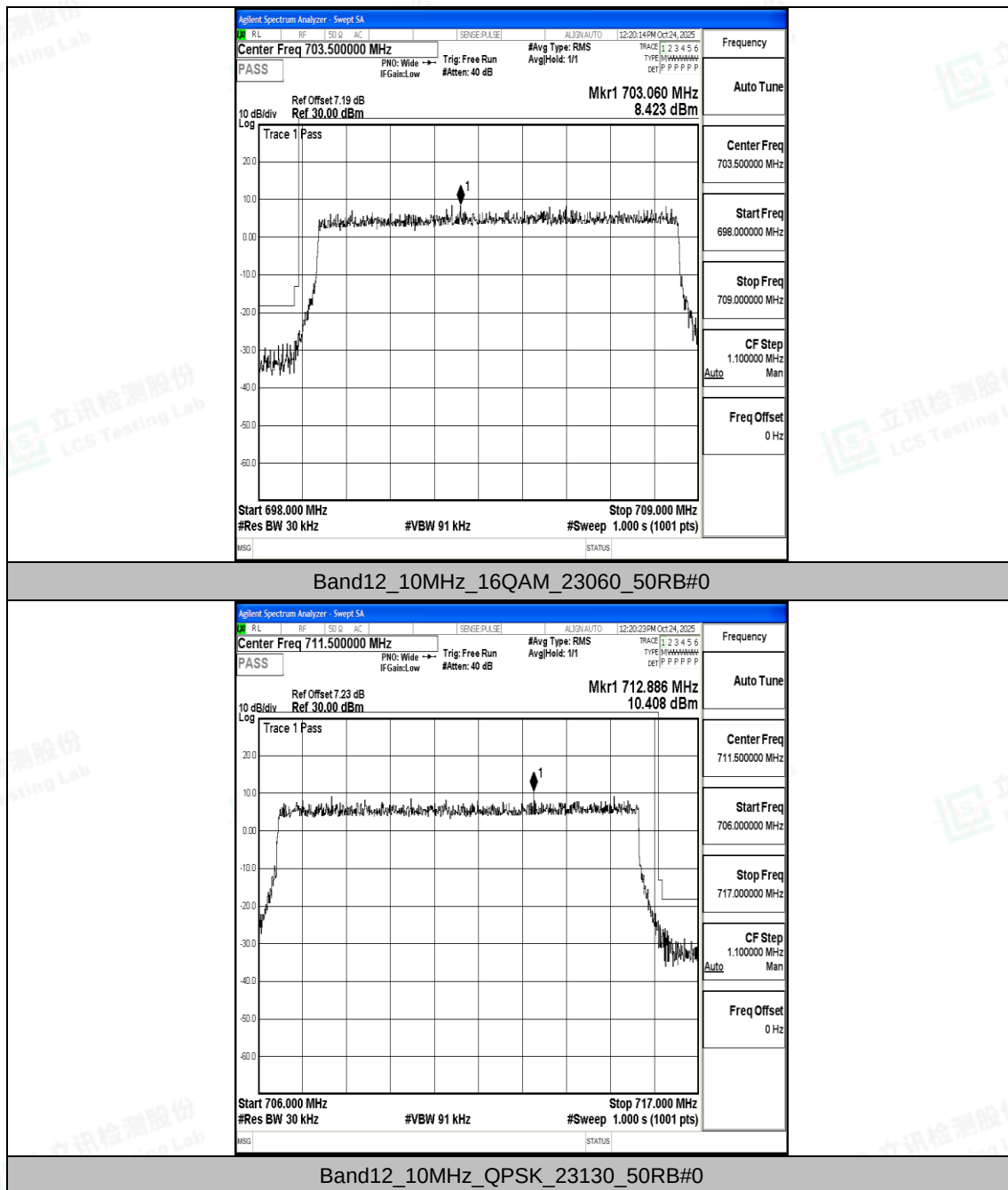


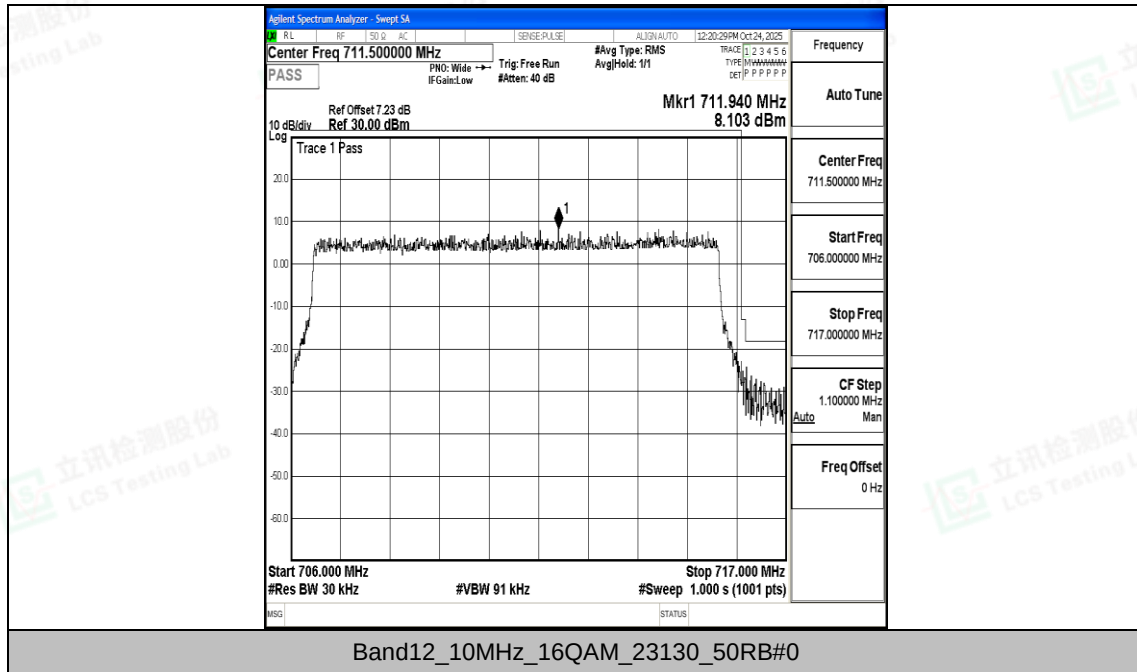














J.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	0.009~0.15	-57.49	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-47.21	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-26.27	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-36.14	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-35.21	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-56.96	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-46.00	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-23.41	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-37.20	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-35.05	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-53.78	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-47.35	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-24.75	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-37.74	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-35.12	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-55.90	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-45.47	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-27.64	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-37.55	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-35.11	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-60.40	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-43.25	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-24.35	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-36.67	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-35.10	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-58.24	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-47.83	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-27.98	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-38.66	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-35.22	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-55.28	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-45.40	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-26.72	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-37.31	PASS



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Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-35.21	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-59.88	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-46.68	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-30.05	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-37.51	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-35.71	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-54.54	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-46.10	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-30.41	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-38.41	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-34.86	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-56.12	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-43.44	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-29.79	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-37.56	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-35.15	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-60.67	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-46.13	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-30.18	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-37.35	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-35.25	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-54.94	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-45.40	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-30.93	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-37.52	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-35.22	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-57.42	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-46.12	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-38.48	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-35.79	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-34.82	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-58.37	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-46.18	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-38.49	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-37.47	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-35.01	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-58.16	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-45.03	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-42.90	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-38.54	PASS



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Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-35.07	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-57.10	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-46.81	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-44.21	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-38.11	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-35.12	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-54.76	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-47.37	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-40.63	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-38.07	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-35.24	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-58.42	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-42.34	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-43.09	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-37.23	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-34.20	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-58.23	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-45.92	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-52.30	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-37.32	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-34.74	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-58.34	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-44.91	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-53.00	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-36.70	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-35.56	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-55.84	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-44.57	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-52.57	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-37.61	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-35.68	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-57.65	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-47.44	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-52.21	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-37.69	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-34.84	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-59.48	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-47.89	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-52.18	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-38.30	PASS



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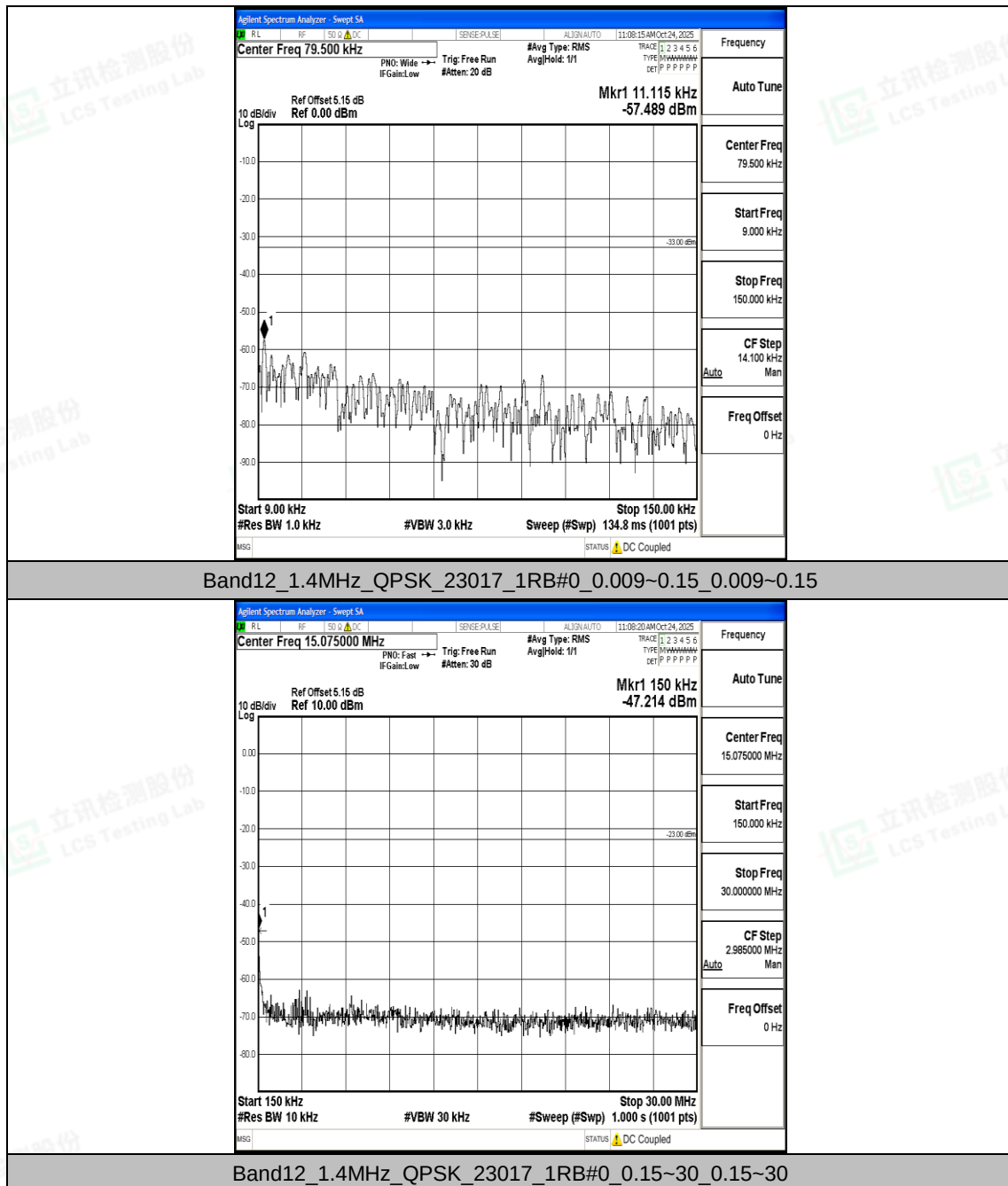
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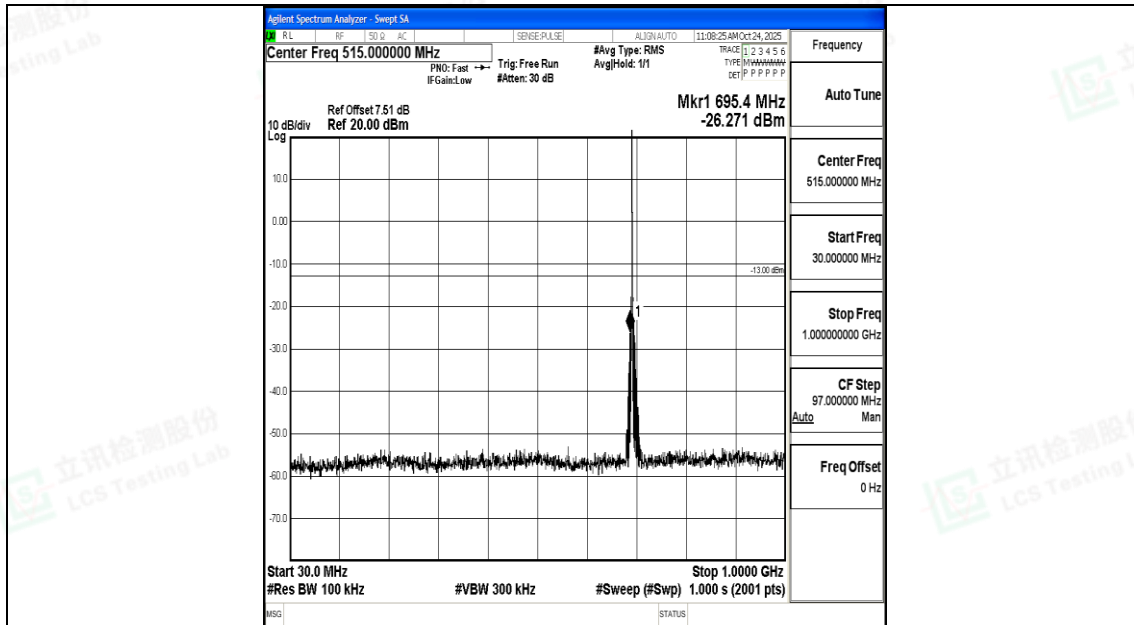
Scan code to check authenticity



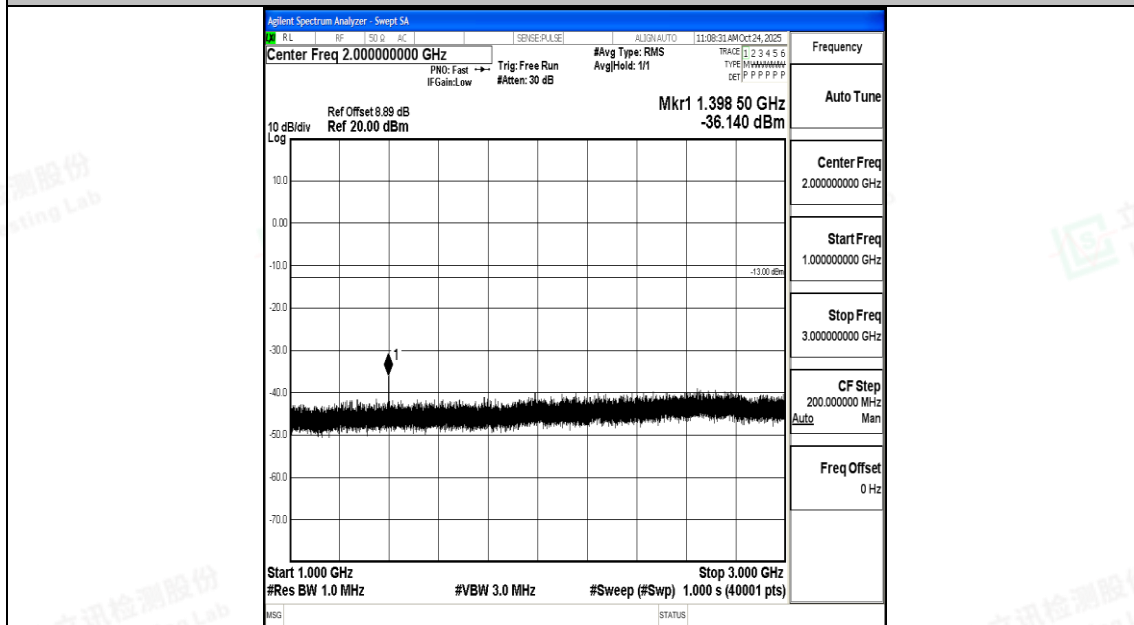
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-35.03	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.009~0.15	-55.24	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.15~30	-47.64	PASS
Band12	10MHz	16QAM	23130	1RB#0	30~1000	-53.20	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	-38.50	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	-35.29	PASS

Test Graphs



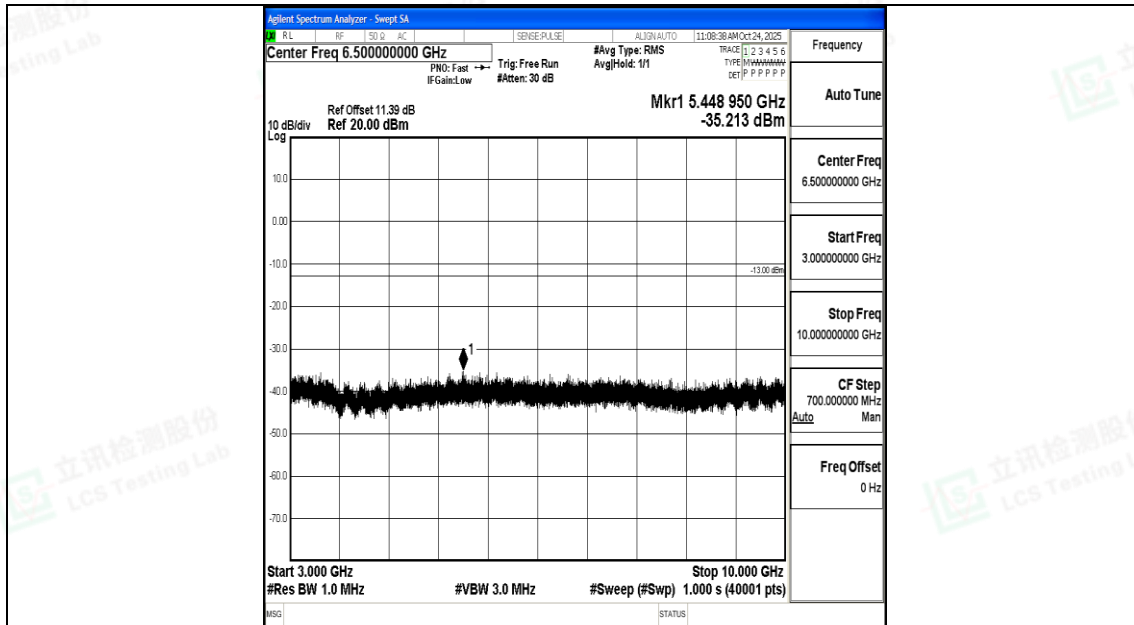


Band12_1.4MHz_QPSK_23017_1RB#0_30~1000_30~1000

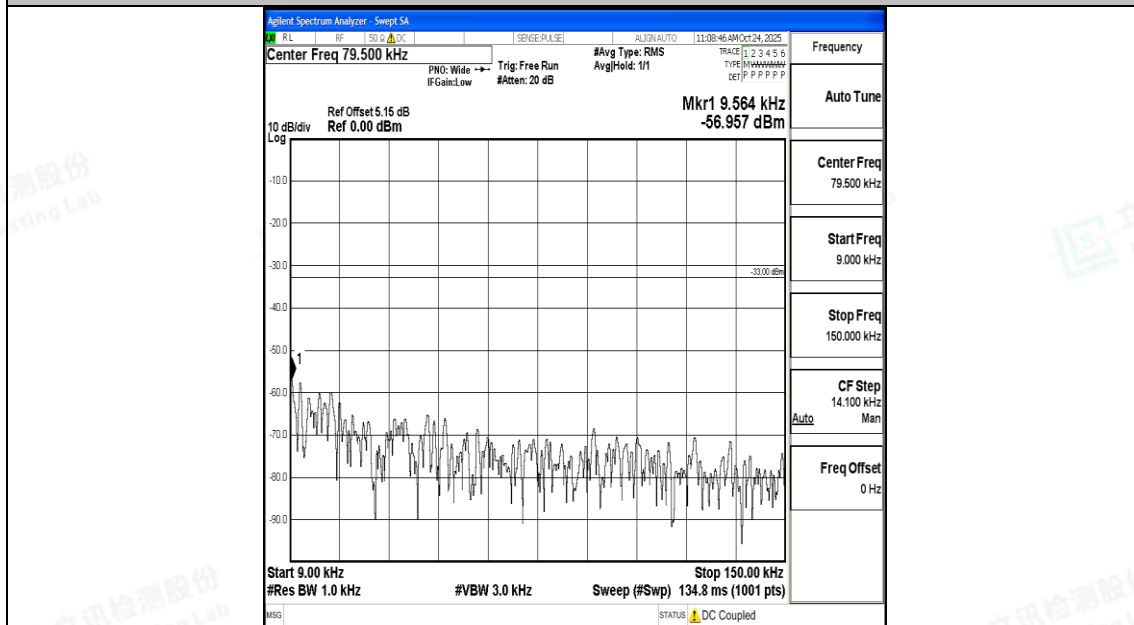


Band12_1.4MHz_QPSK_23017_1RB#0_1000~3000_1000~3000



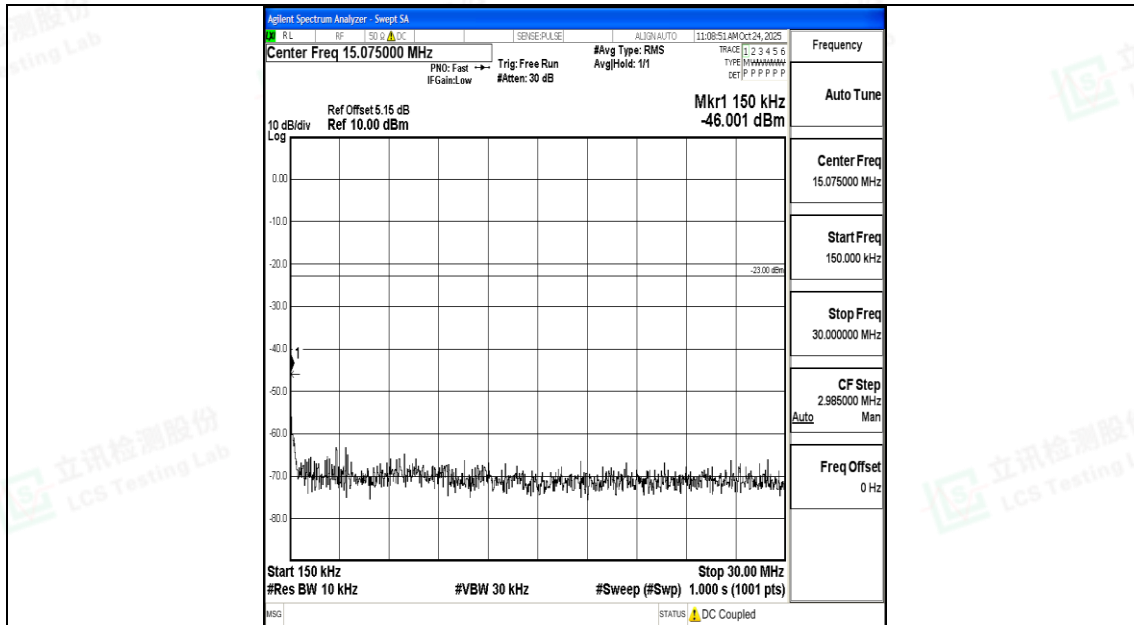


Band12_1.4MHz_QPSK_23017_1RB#0_3000~10000_3000~10000

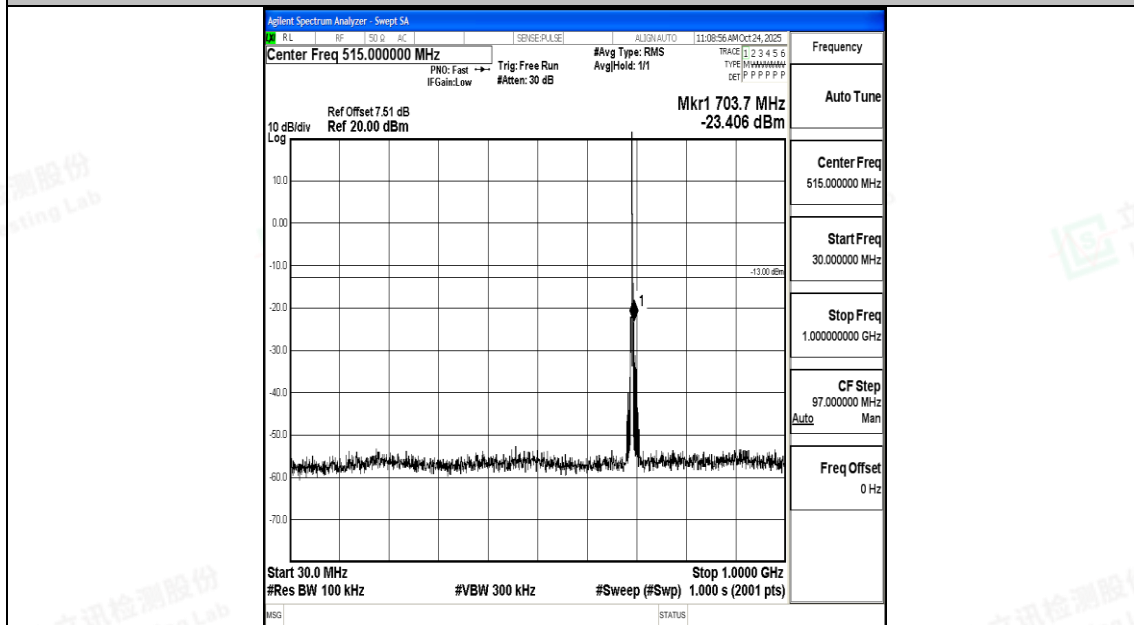


Band12_1.4MHz_16QAM_23017_1RB#0_0.009~0.15_0.009~0.15



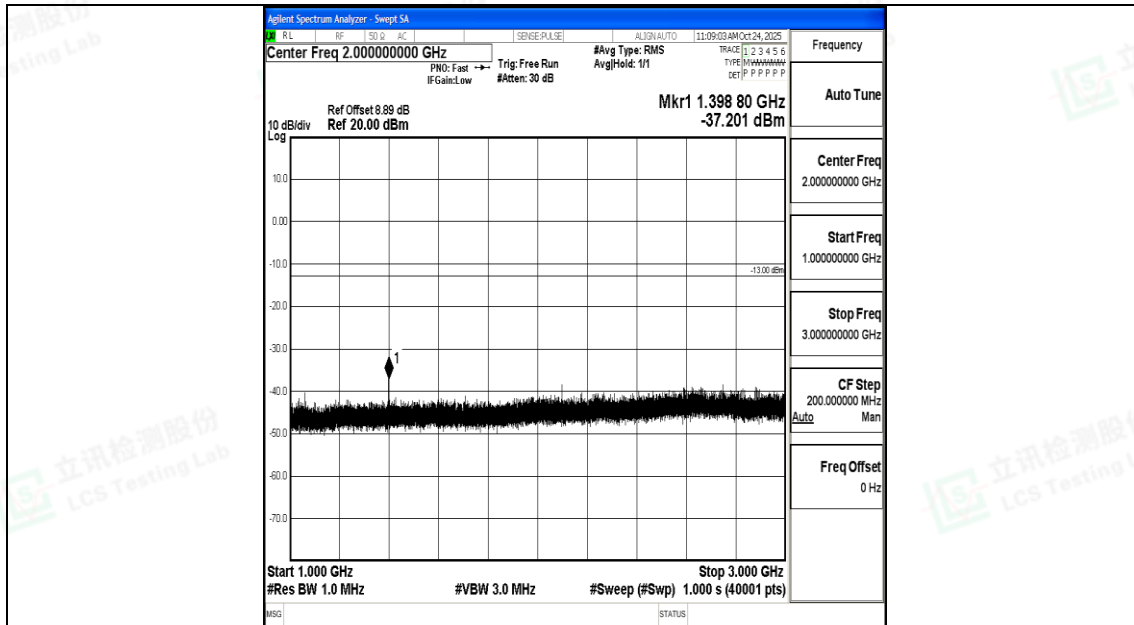


Band12_1.4MHz_16QAM_23017_1RB#0_0.15~30_0.15~30

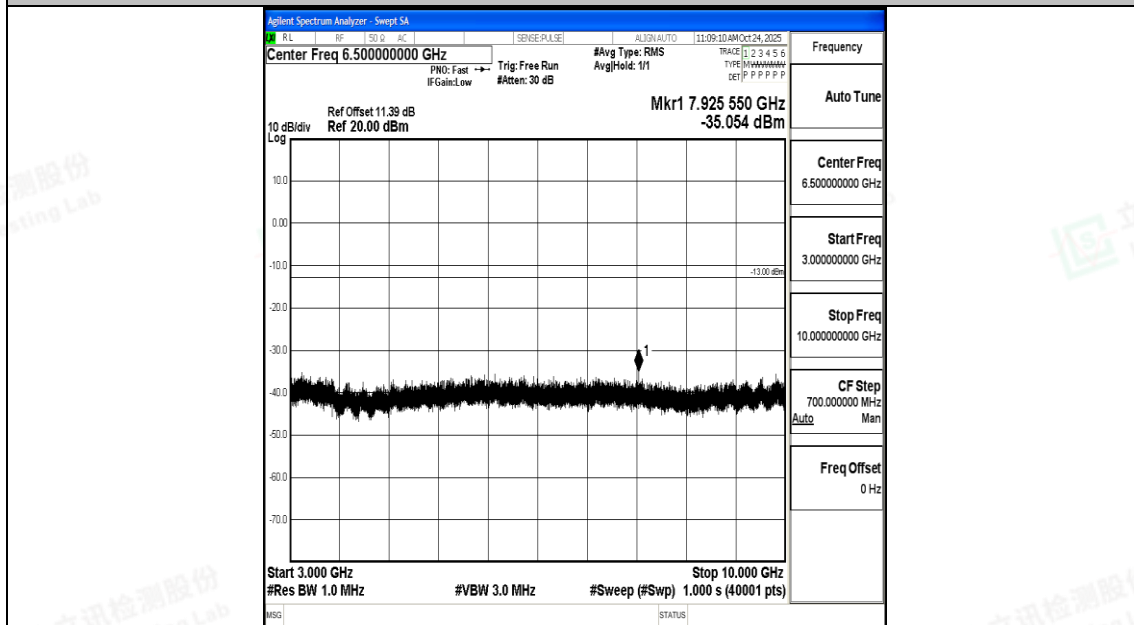


Band12_1.4MHz_16QAM_23017_1RB#0_30~1000_30~1000





Band12_1.4MHz_16QAM_23017_1RB#0_1000~3000_1000~3000



Band12_1.4MHz_16QAM_23017_1RB#0_3000~10000_3000~10000



