



Appendix J: Test Data for E-UTRA Band 12

Product Name: Rugged Mobile Terminal

Test Model: R1000

Environmental Conditions

Temperature:	24.1°C
Relative Humidity:	53.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Billy Yu
Supervised by:	Paddi Chen



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J.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.92	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.70	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.95	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.70	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.92	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.71	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	24.18	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	23.14	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	24.11	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	23.12	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	24.04	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	23.18	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	23.40	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.60	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	24.02	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.86	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.92	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.86	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	23.36	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	24.09	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	23.31	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	23.72	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	24.05	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.94	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.88	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	24.11	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	23.26	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	24.10	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.81	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	24.04	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.78	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	24.07	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.75	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	24.13	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	23.44	PASS



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Band12	1.4MHz	QPSK	23173	3RB#1	24.14	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	23.44	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	24.07	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	23.47	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	23.59	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.76	PASS
Band12	3MHz	QPSK	23025	1RB#0	24.04	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.35	PASS
Band12	3MHz	QPSK	23025	1RB#8	24.16	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.29	PASS
Band12	3MHz	QPSK	23025	1RB#14	24.07	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.32	PASS
Band12	3MHz	QPSK	23025	8RB#0	23.69	PASS
Band12	3MHz	16QAM	23025	8RB#0	22.83	PASS
Band12	3MHz	QPSK	23025	8RB#4	23.71	PASS
Band12	3MHz	16QAM	23025	8RB#4	22.84	PASS
Band12	3MHz	QPSK	23025	8RB#7	23.79	PASS
Band12	3MHz	16QAM	23025	8RB#7	22.89	PASS
Band12	3MHz	QPSK	23025	15RB#0	23.75	PASS
Band12	3MHz	16QAM	23025	15RB#0	22.71	PASS
Band12	3MHz	QPSK	23095	1RB#0	24.12	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.04	PASS
Band12	3MHz	QPSK	23095	1RB#8	24.15	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.18	PASS
Band12	3MHz	QPSK	23095	1RB#14	24.10	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.93	PASS
Band12	3MHz	QPSK	23095	8RB#0	23.57	PASS
Band12	3MHz	16QAM	23095	8RB#0	22.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	23.67	PASS
Band12	3MHz	16QAM	23095	8RB#4	22.87	PASS
Band12	3MHz	QPSK	23095	8RB#7	23.62	PASS
Band12	3MHz	16QAM	23095	8RB#7	22.78	PASS
Band12	3MHz	QPSK	23095	15RB#0	23.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.51	PASS
Band12	3MHz	QPSK	23165	1RB#0	24.11	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	24.12	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.85	PASS
Band12	3MHz	QPSK	23165	1RB#14	24.06	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.78	PASS
Band12	3MHz	QPSK	23165	8RB#0	23.67	PASS



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Band12	3MHz	16QAM	23165	8RB#0	22.63	PASS
Band12	3MHz	QPSK	23165	8RB#4	23.48	PASS
Band12	3MHz	16QAM	23165	8RB#4	22.63	PASS
Band12	3MHz	QPSK	23165	8RB#7	23.46	PASS
Band12	3MHz	16QAM	23165	8RB#7	22.48	PASS
Band12	3MHz	QPSK	23165	15RB#0	23.44	PASS
Band12	3MHz	16QAM	23165	15RB#0	22.58	PASS
Band12	5MHz	QPSK	23035	1RB#0	24.08	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.21	PASS
Band12	5MHz	QPSK	23035	1RB#12	24.17	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.01	PASS
Band12	5MHz	QPSK	23035	1RB#24	24.11	PASS
Band12	5MHz	16QAM	23035	1RB#24	23.14	PASS
Band12	5MHz	QPSK	23035	12RB#0	23.62	PASS
Band12	5MHz	16QAM	23035	12RB#0	22.62	PASS
Band12	5MHz	QPSK	23035	12RB#6	23.64	PASS
Band12	5MHz	16QAM	23035	12RB#6	22.62	PASS
Band12	5MHz	QPSK	23035	12RB#13	23.59	PASS
Band12	5MHz	16QAM	23035	12RB#13	22.61	PASS
Band12	5MHz	QPSK	23035	25RB#0	23.54	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.72	PASS
Band12	5MHz	QPSK	23095	1RB#0	24.12	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.86	PASS
Band12	5MHz	QPSK	23095	1RB#12	24.03	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.75	PASS
Band12	5MHz	QPSK	23095	1RB#24	24.03	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.74	PASS
Band12	5MHz	QPSK	23095	12RB#0	23.47	PASS
Band12	5MHz	16QAM	23095	12RB#0	22.63	PASS
Band12	5MHz	QPSK	23095	12RB#6	23.47	PASS
Band12	5MHz	16QAM	23095	12RB#6	22.63	PASS
Band12	5MHz	QPSK	23095	12RB#13	23.62	PASS
Band12	5MHz	16QAM	23095	12RB#13	22.63	PASS
Band12	5MHz	QPSK	23095	25RB#0	23.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	22.65	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.99	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.07	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.98	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.20	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.83	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.06	PASS



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Band12	5MHz	QPSK	23155	12RB#0	23.55	PASS
Band12	5MHz	16QAM	23155	12RB#0	22.46	PASS
Band12	5MHz	QPSK	23155	12RB#6	23.51	PASS
Band12	5MHz	16QAM	23155	12RB#6	22.47	PASS
Band12	5MHz	QPSK	23155	12RB#13	23.62	PASS
Band12	5MHz	16QAM	23155	12RB#13	22.44	PASS
Band12	5MHz	QPSK	23155	25RB#0	23.47	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.52	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.96	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.81	PASS
Band12	10MHz	QPSK	23060	1RB#24	24.02	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.68	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.96	PASS
Band12	10MHz	16QAM	23060	1RB#49	23.63	PASS
Band12	10MHz	QPSK	23060	25RB#0	23.43	PASS
Band12	10MHz	16QAM	23060	25RB#0	22.48	PASS
Band12	10MHz	QPSK	23060	25RB#12	23.71	PASS
Band12	10MHz	16QAM	23060	25RB#12	22.71	PASS
Band12	10MHz	QPSK	23060	25RB#25	23.66	PASS
Band12	10MHz	16QAM	23060	25RB#25	22.47	PASS
Band12	10MHz	QPSK	23060	50RB#0	23.55	PASS
Band12	10MHz	16QAM	23060	50RB#0	22.45	PASS
Band12	10MHz	QPSK	23095	1RB#0	24.15	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.39	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.14	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.31	PASS
Band12	10MHz	QPSK	23095	1RB#49	24.01	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.17	PASS
Band12	10MHz	QPSK	23095	25RB#0	23.51	PASS
Band12	10MHz	16QAM	23095	25RB#0	22.78	PASS
Band12	10MHz	QPSK	23095	25RB#12	23.85	PASS
Band12	10MHz	16QAM	23095	25RB#12	22.78	PASS
Band12	10MHz	QPSK	23095	25RB#25	23.54	PASS
Band12	10MHz	16QAM	23095	25RB#25	22.70	PASS
Band12	10MHz	QPSK	23095	50RB#0	23.66	PASS
Band12	10MHz	16QAM	23095	50RB#0	22.68	PASS
Band12	10MHz	QPSK	23130	1RB#0	24.11	PASS
Band12	10MHz	16QAM	23130	1RB#0	24.32	PASS
Band12	10MHz	QPSK	23130	1RB#24	24.00	PASS
Band12	10MHz	16QAM	23130	1RB#24	24.21	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.98	PASS



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Band12	10MHz	16QAM	23130	1RB#49	24.15	PASS
Band12	10MHz	QPSK	23130	25RB#0	23.64	PASS
Band12	10MHz	16QAM	23130	25RB#0	22.66	PASS
Band12	10MHz	QPSK	23130	25RB#12	23.52	PASS
Band12	10MHz	16QAM	23130	25RB#12	22.68	PASS
Band12	10MHz	QPSK	23130	25RB#25	23.44	PASS
Band12	10MHz	16QAM	23130	25RB#25	22.71	PASS
Band12	10MHz	QPSK	23130	50RB#0	23.49	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.54	PASS



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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	5.24	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.64	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.59	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.31	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.81	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.30	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.36	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.06	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.49	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.99	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.99	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.68	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.05	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.84	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.52	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.28	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.83	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.65	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.36	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.10	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.73	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.49	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.14	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.85	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.09	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.73	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.58	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.22	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.94	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.55	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.51	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.12	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.89	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.65	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.37	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.00	13	PASS



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Band12	10MHz	QPSK	23060	1RB#0	4.97	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.81	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.47	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.16	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.97	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.69	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.53	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.18	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.79	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.50	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.46	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.15	13	PASS



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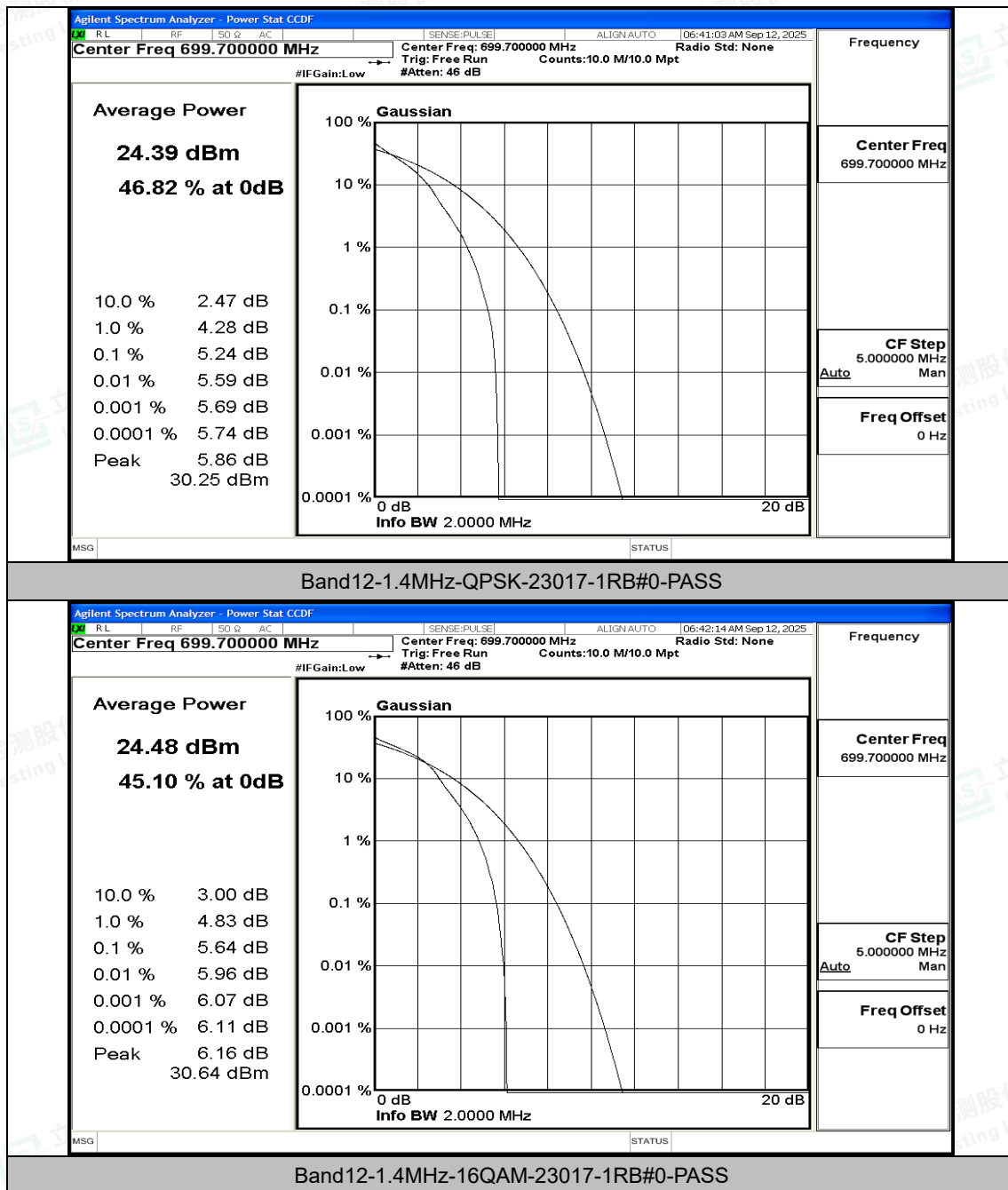
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Test Graphs

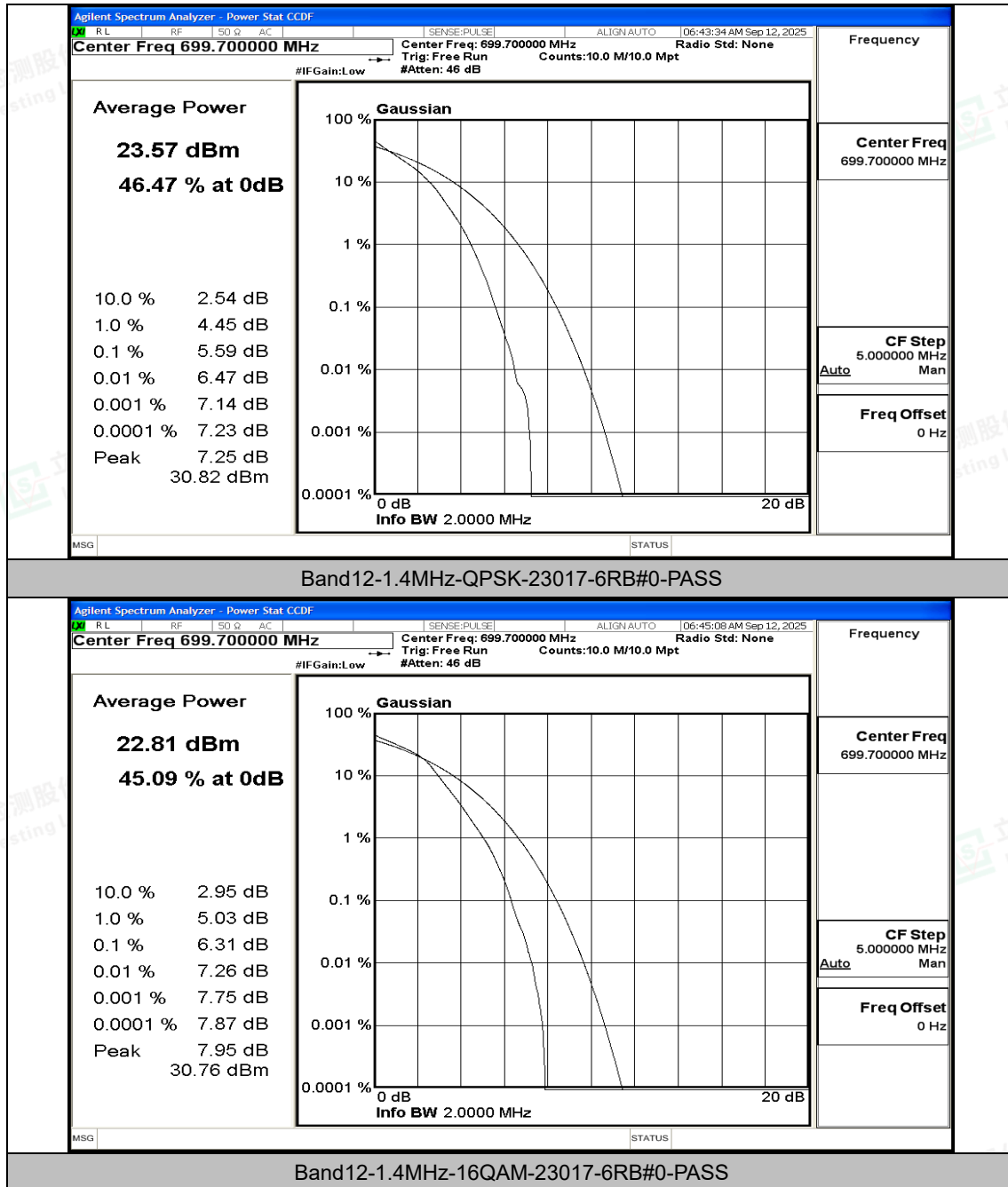


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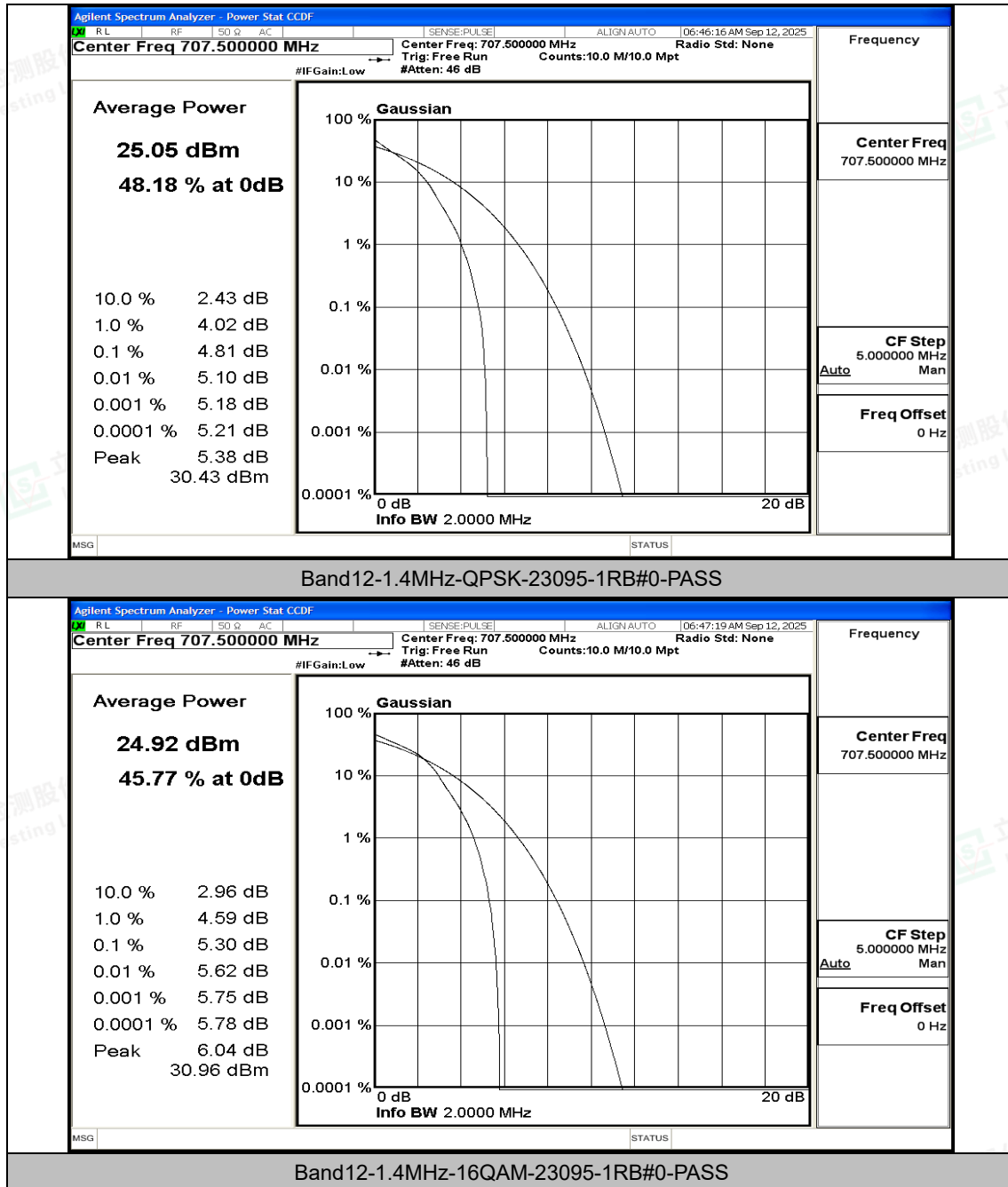


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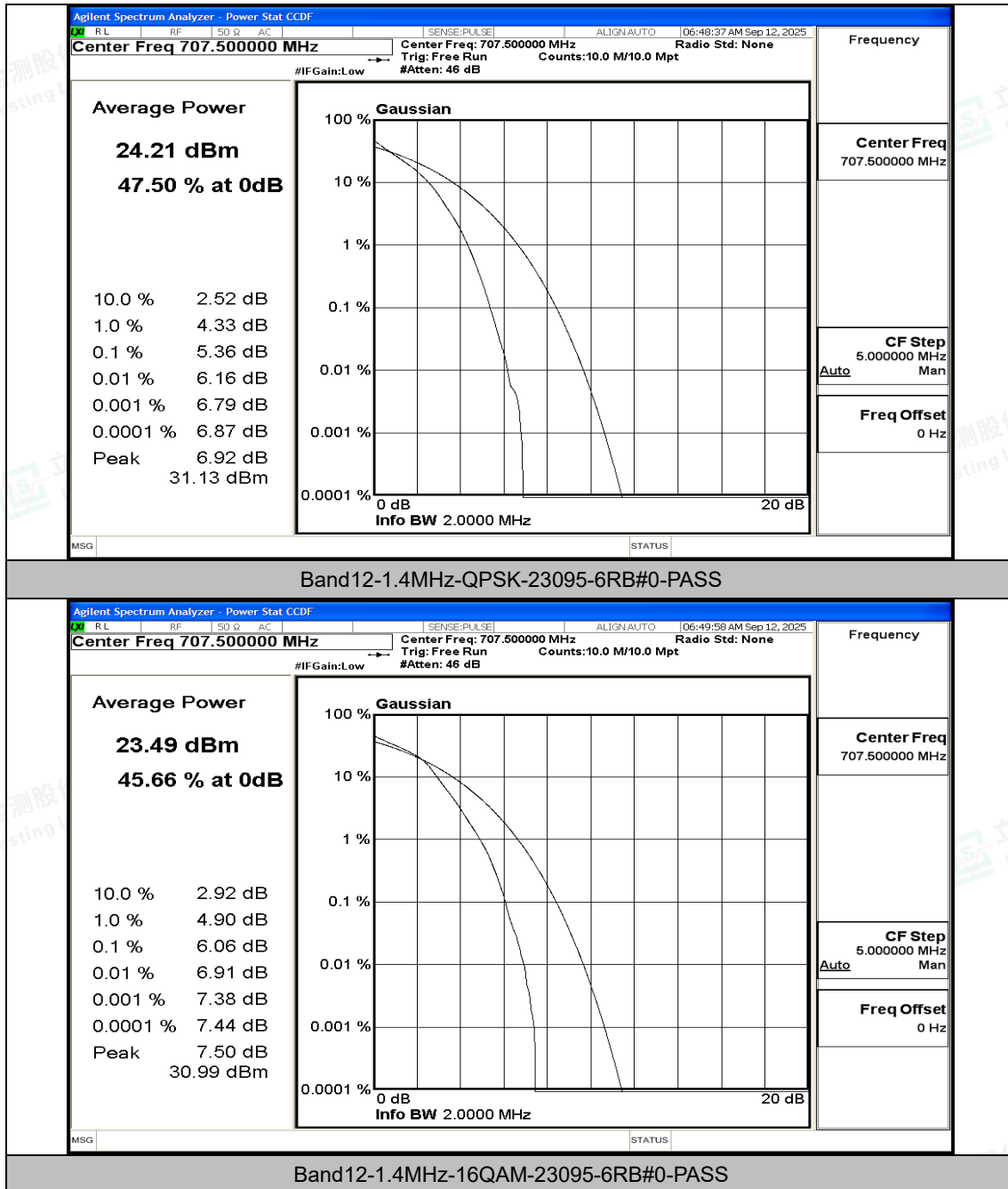


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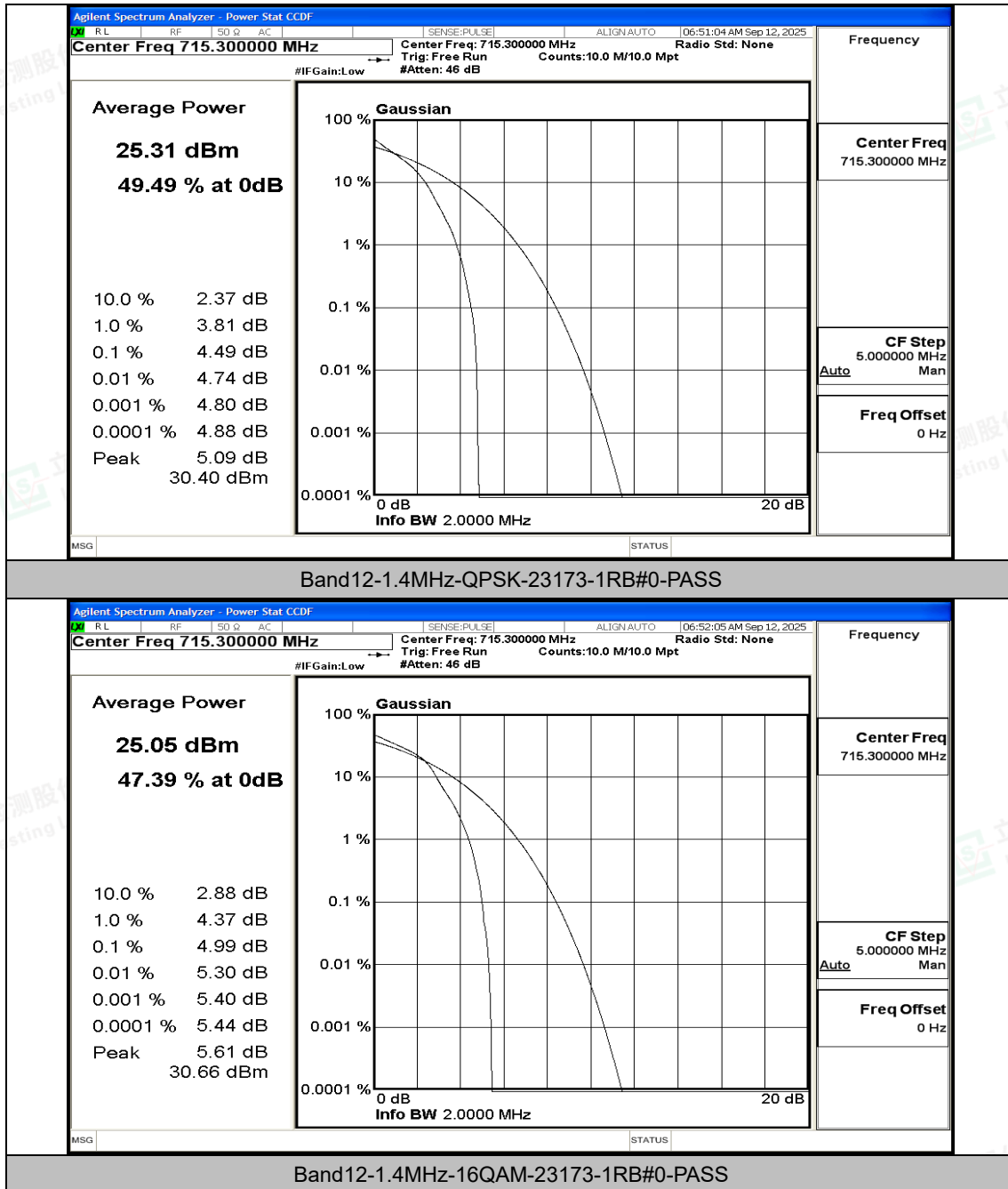


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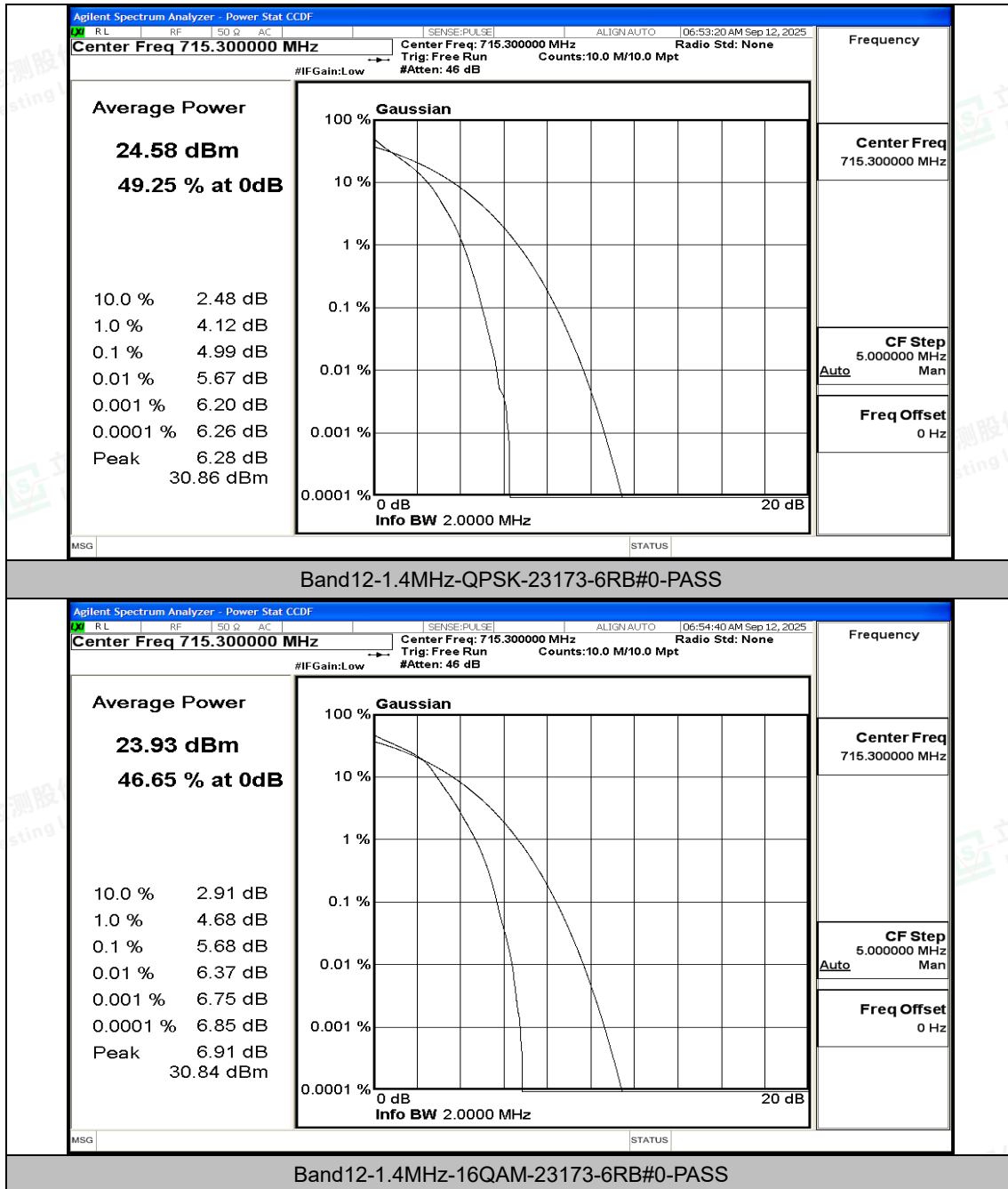


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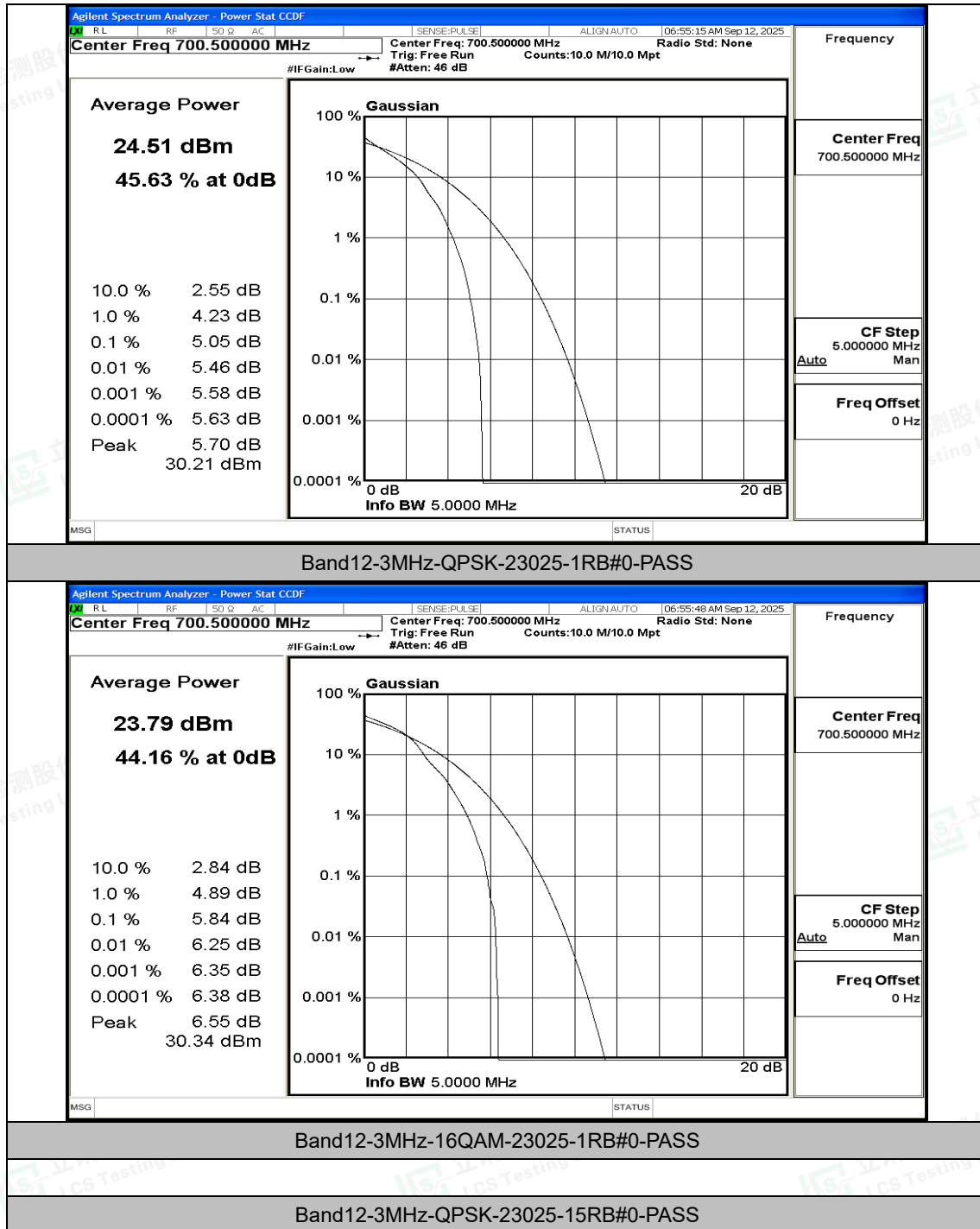


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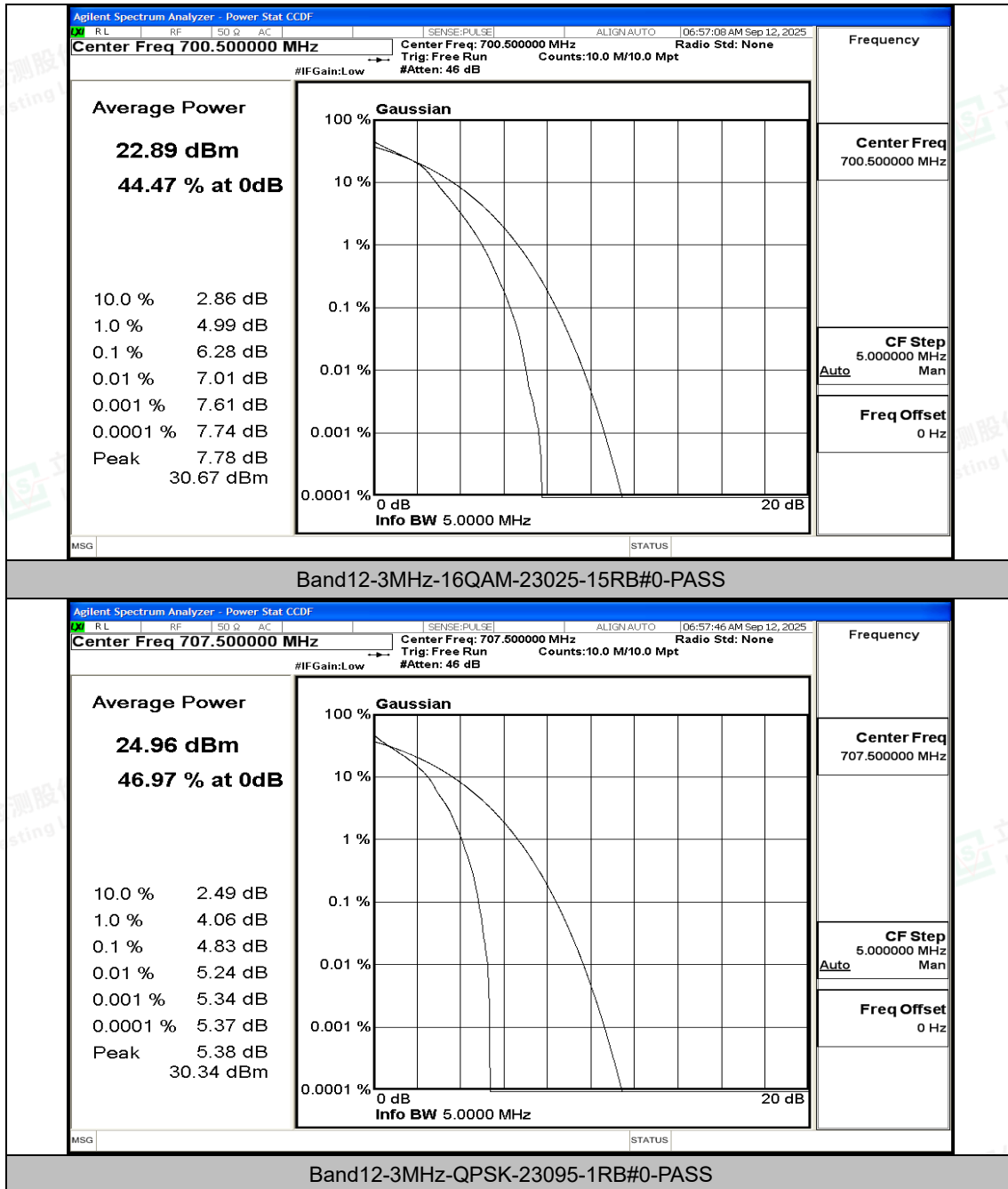


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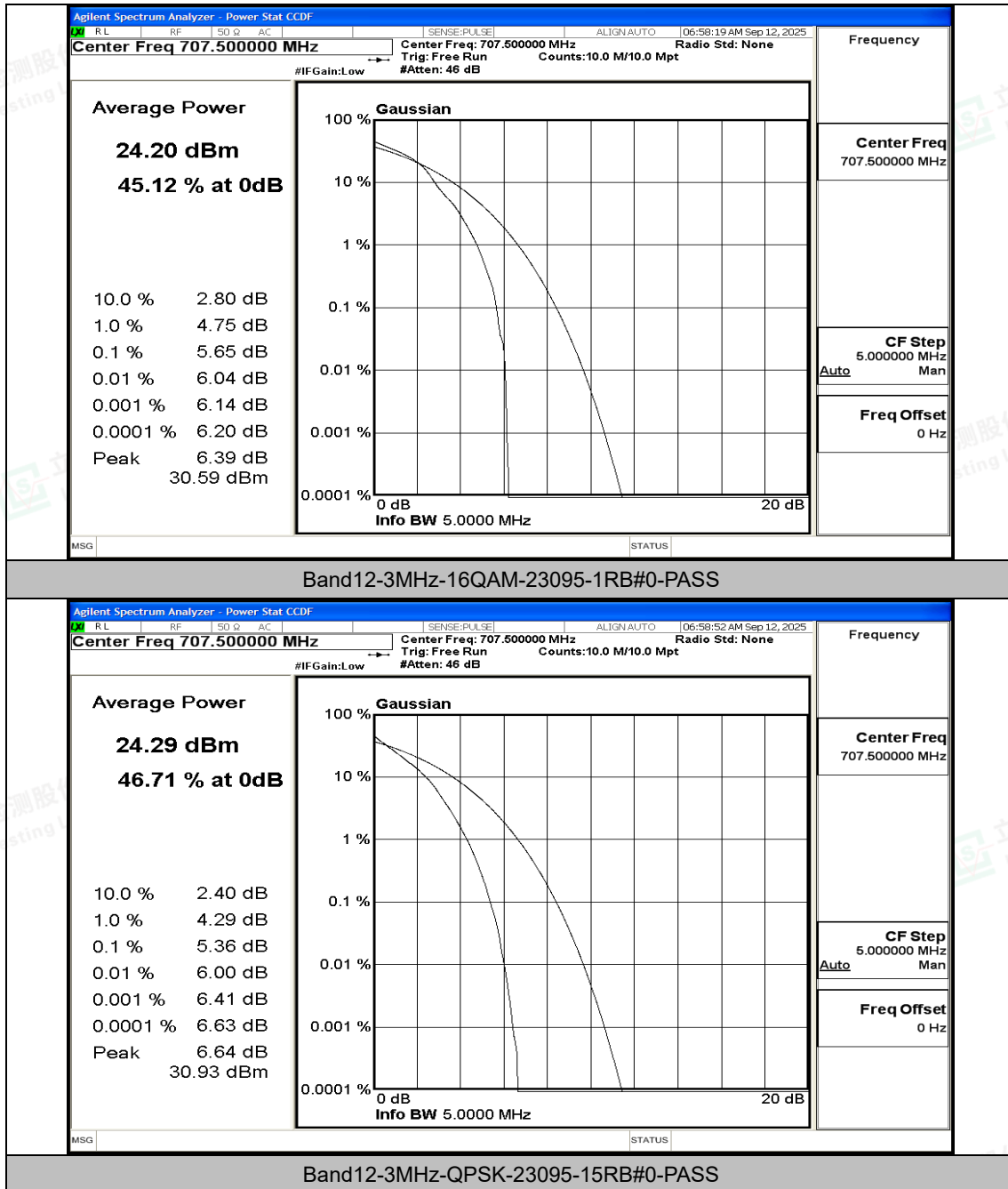


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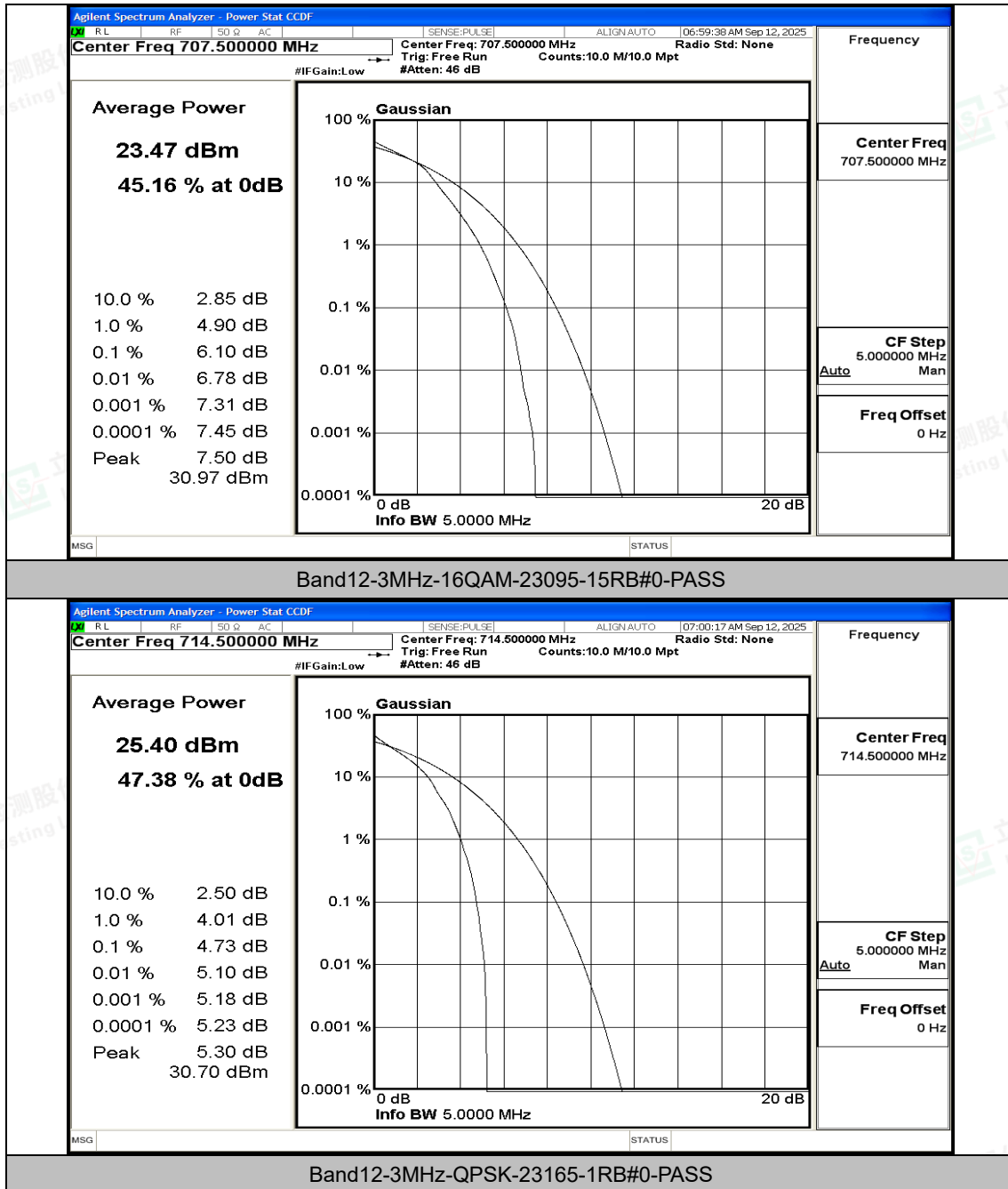


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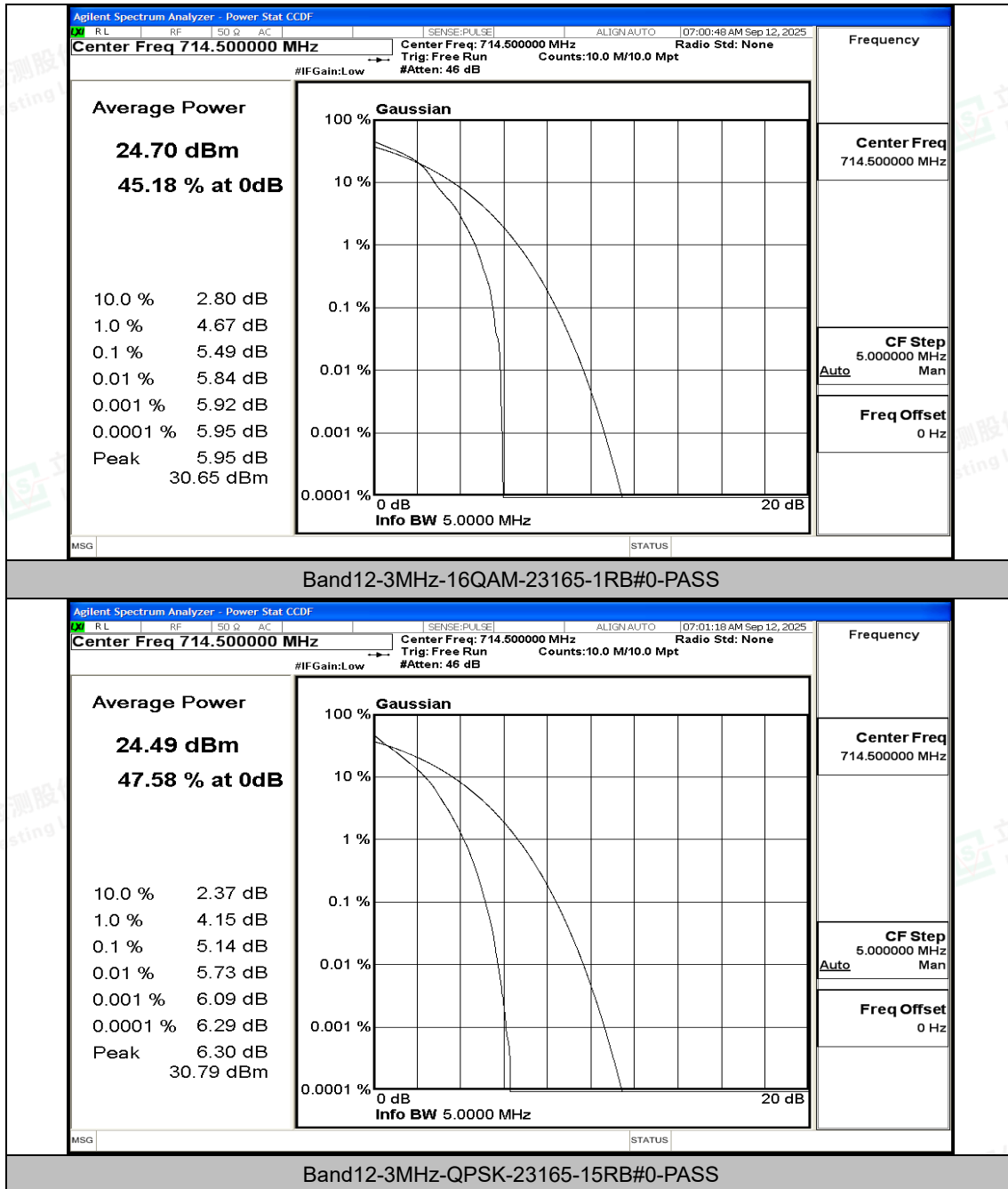


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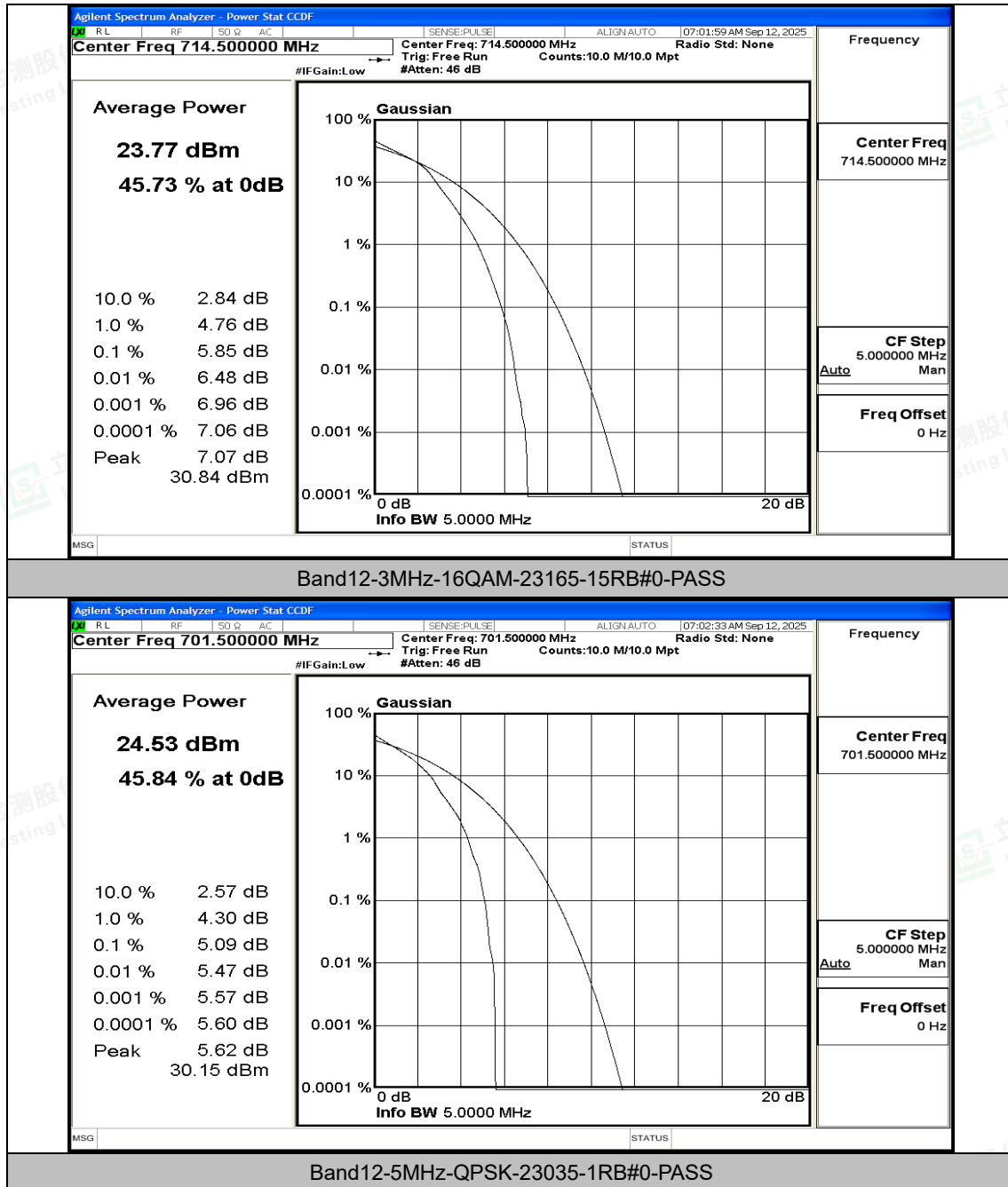


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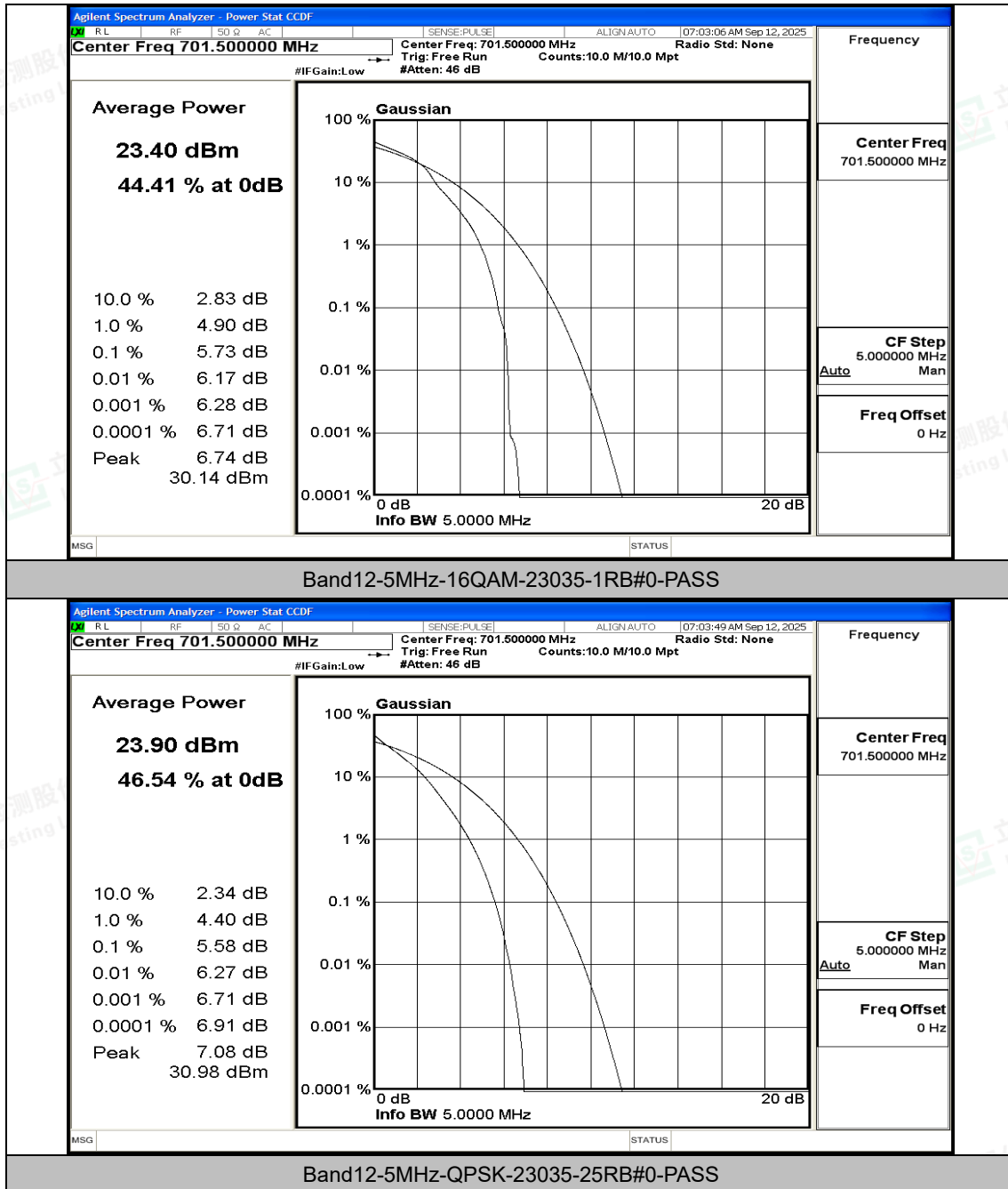


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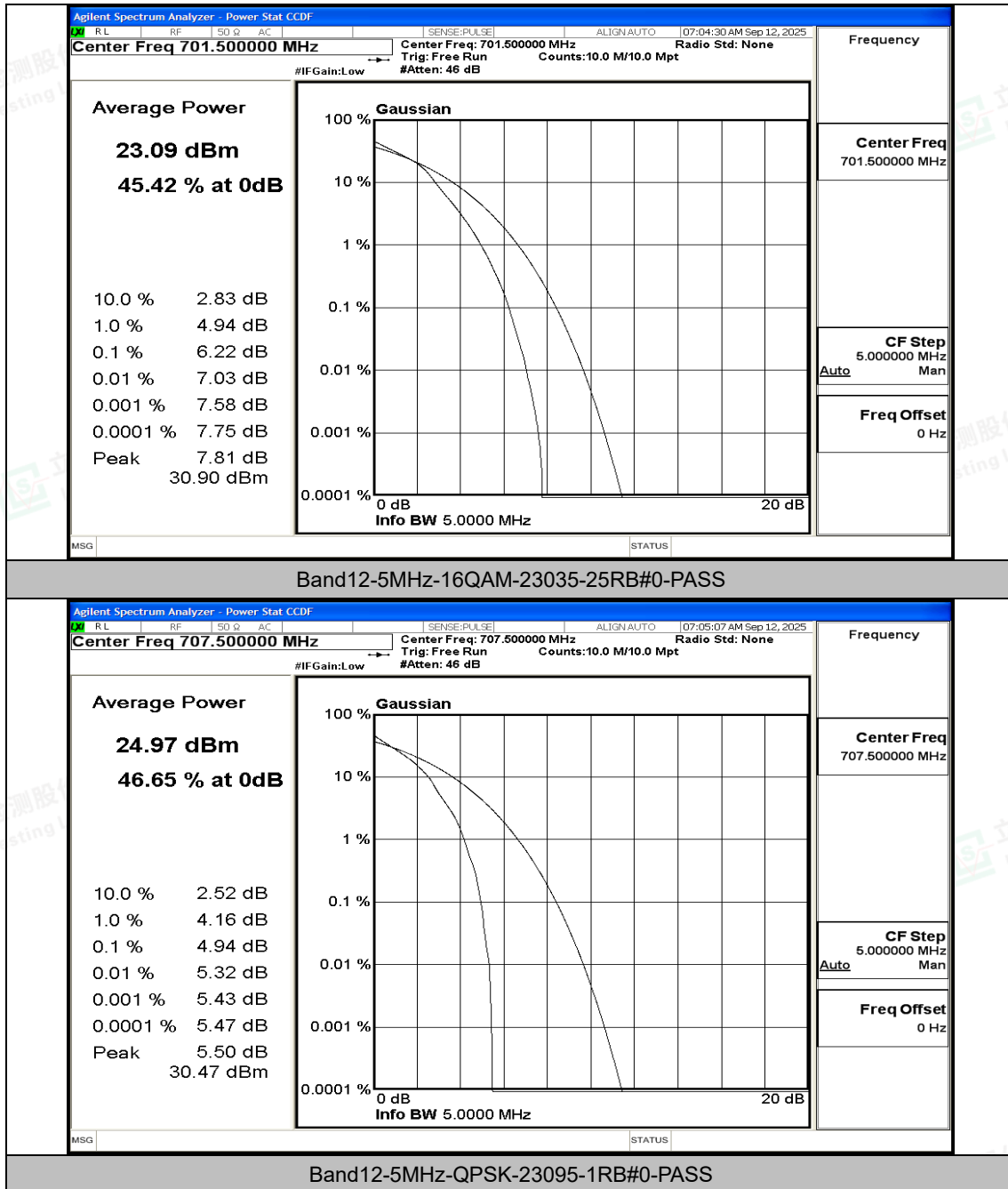


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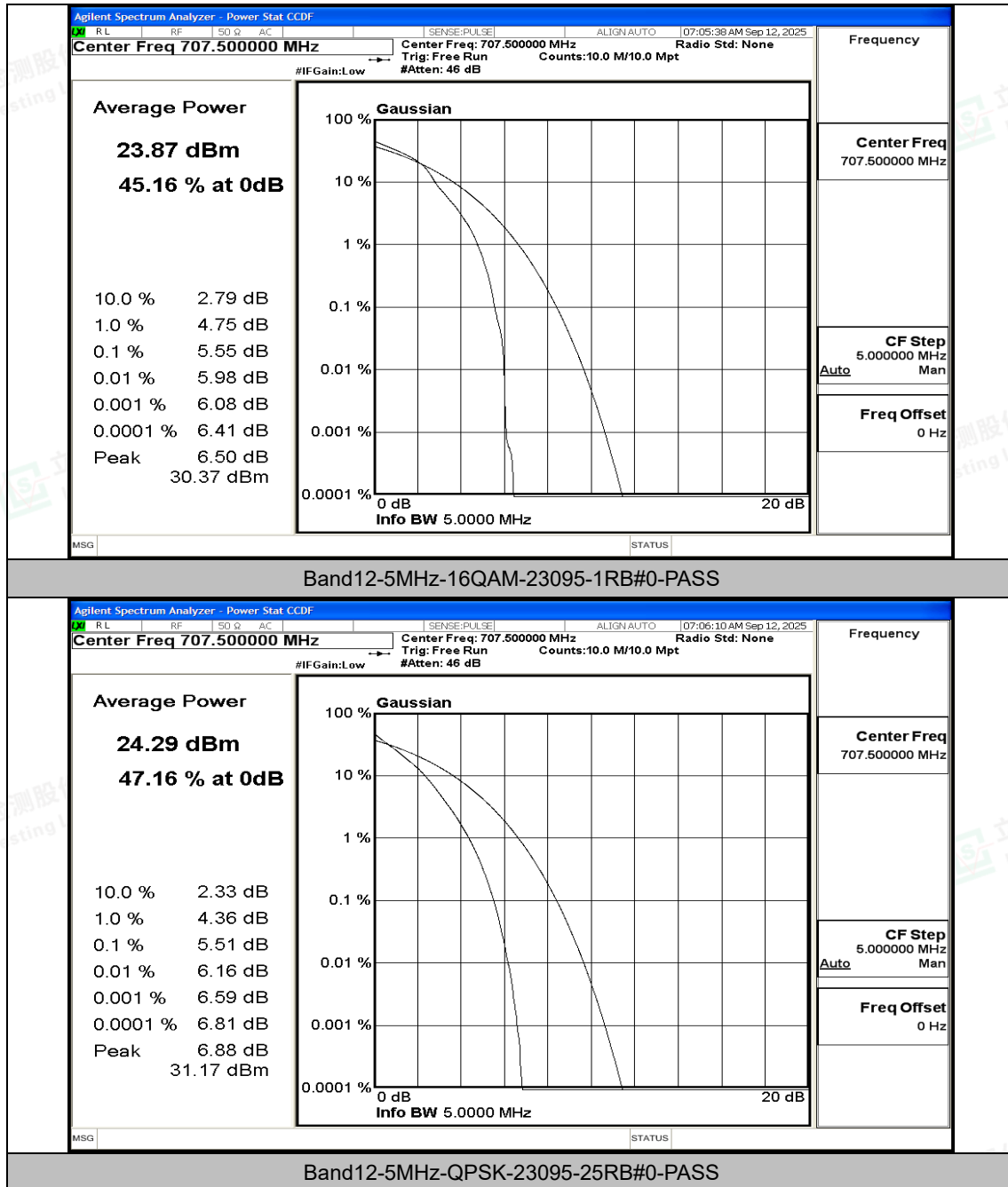


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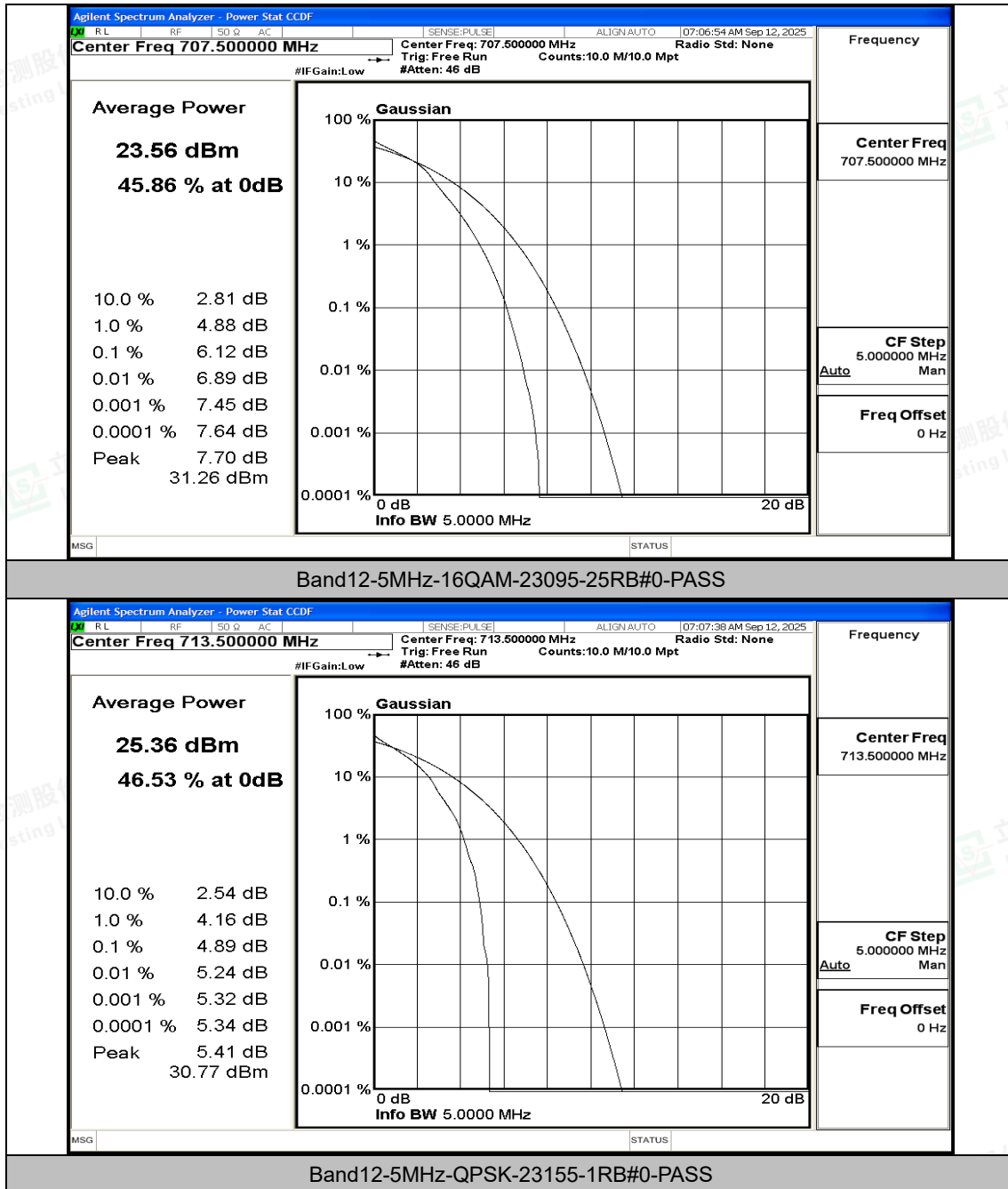


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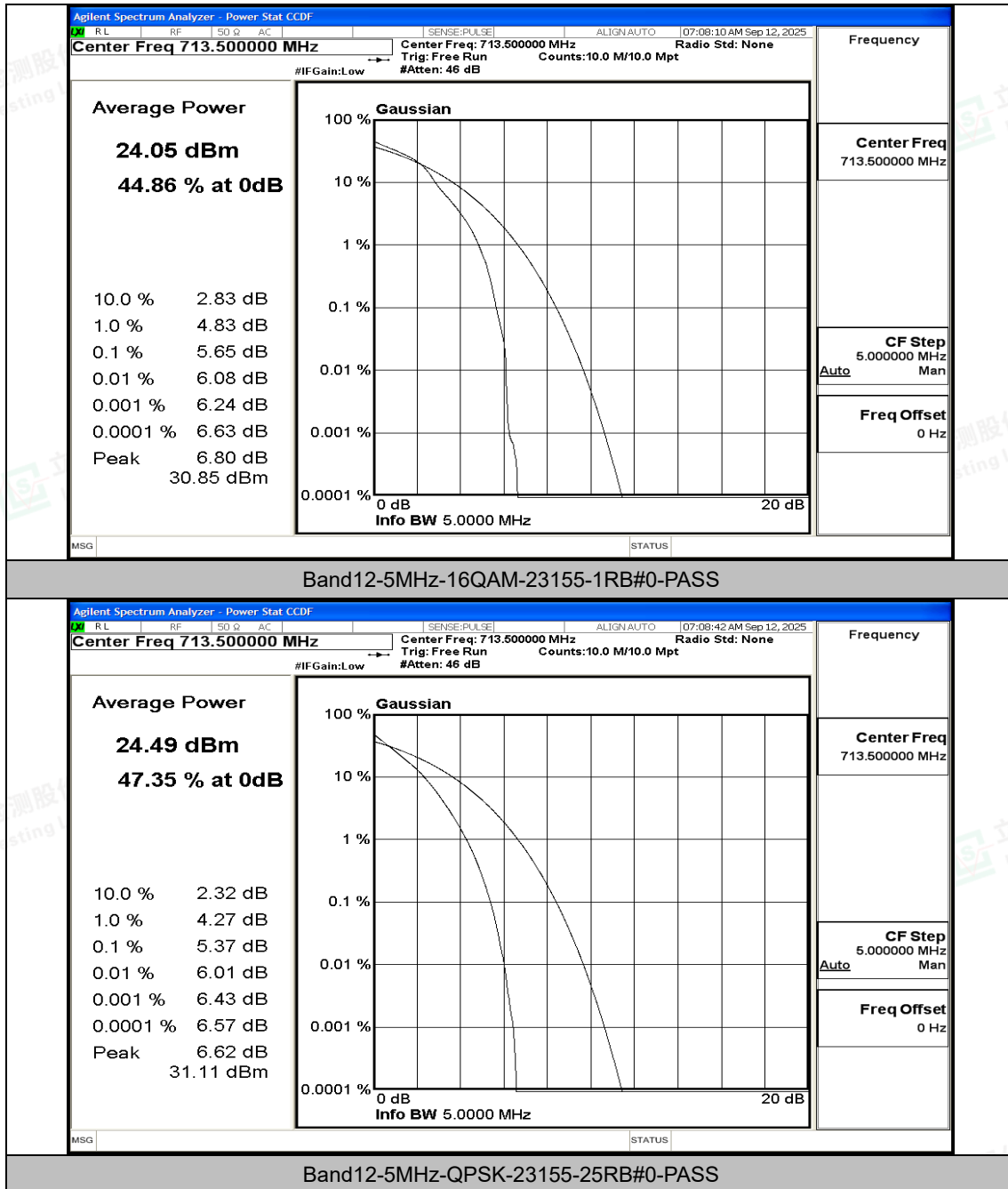


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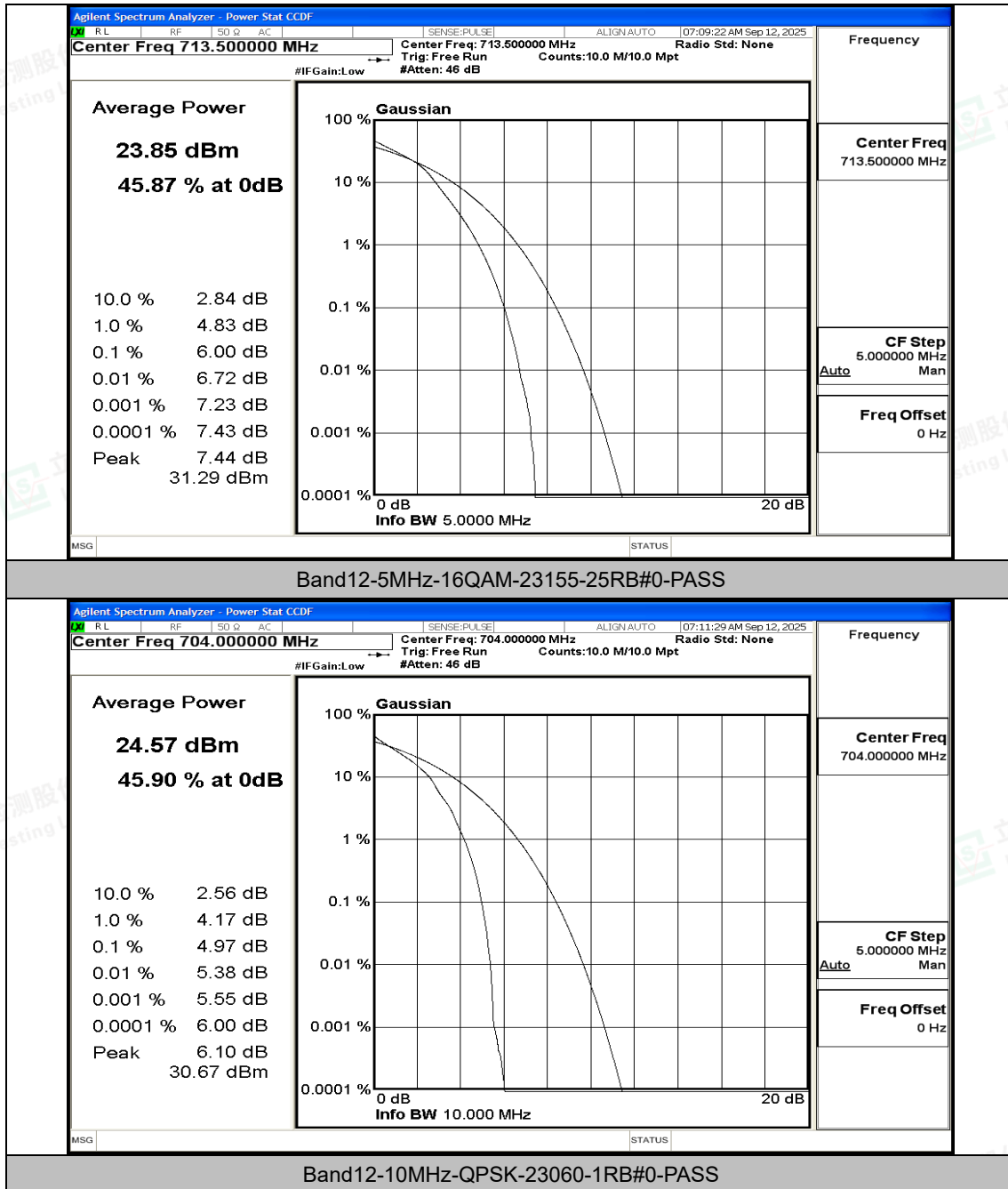


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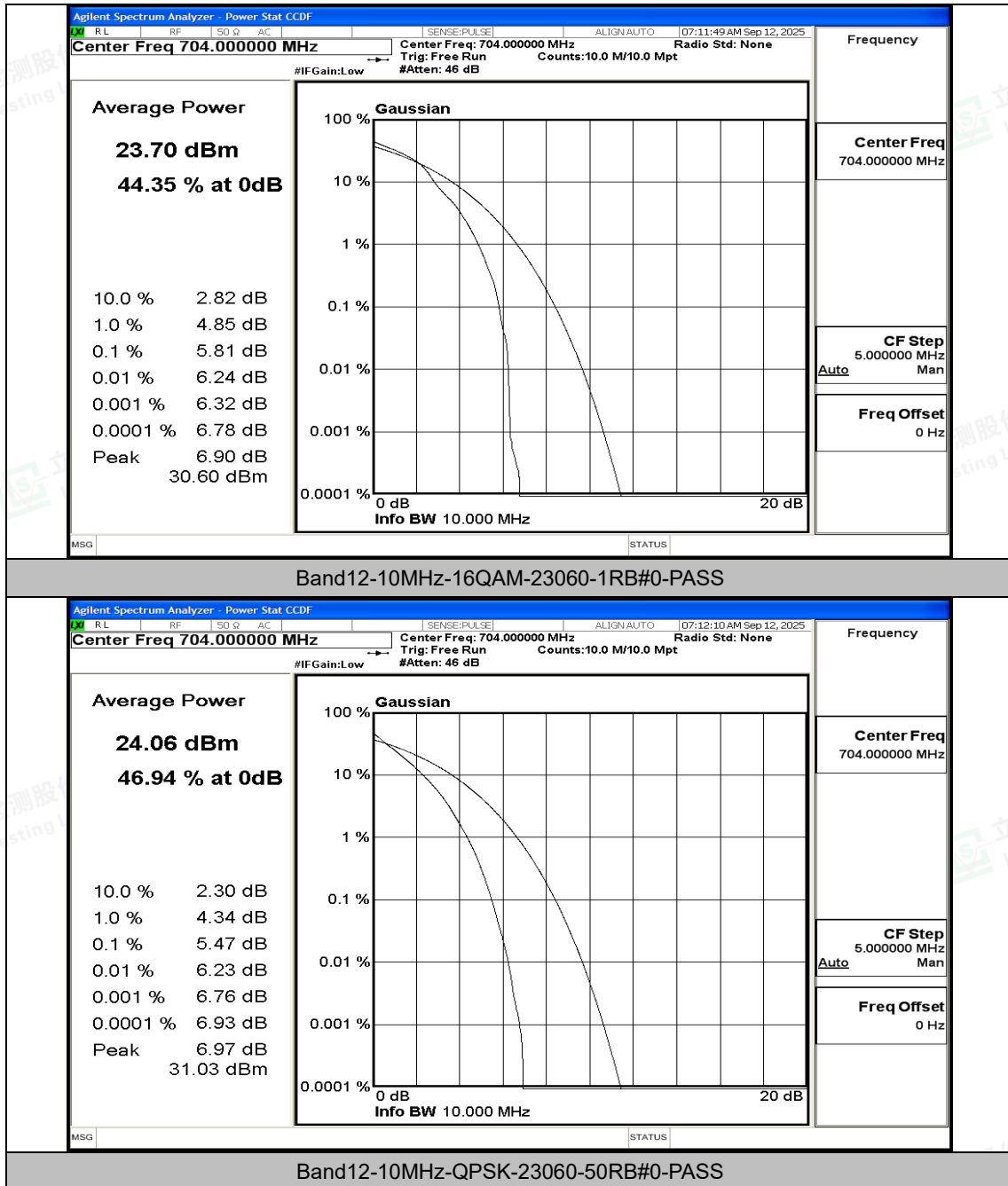


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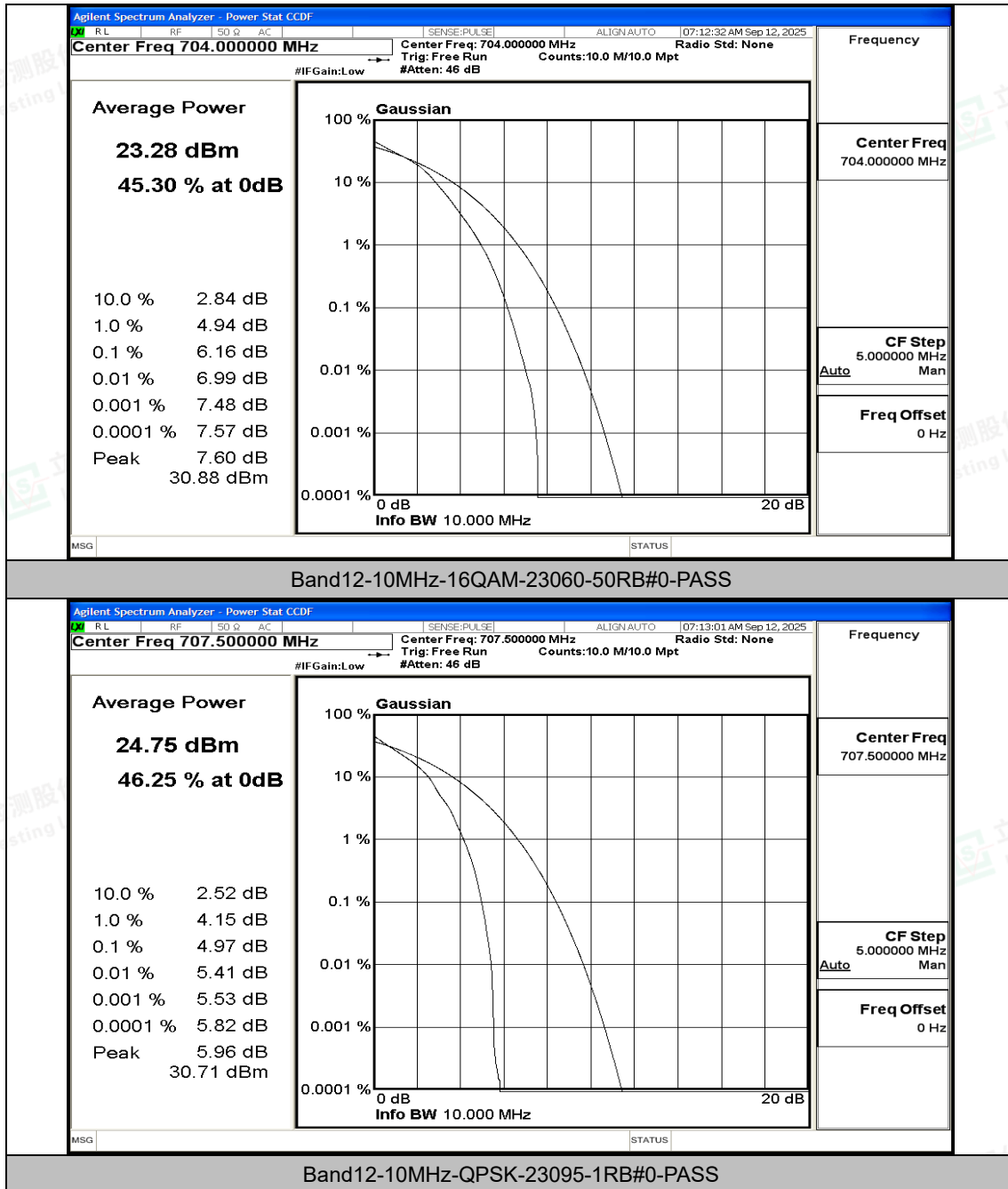


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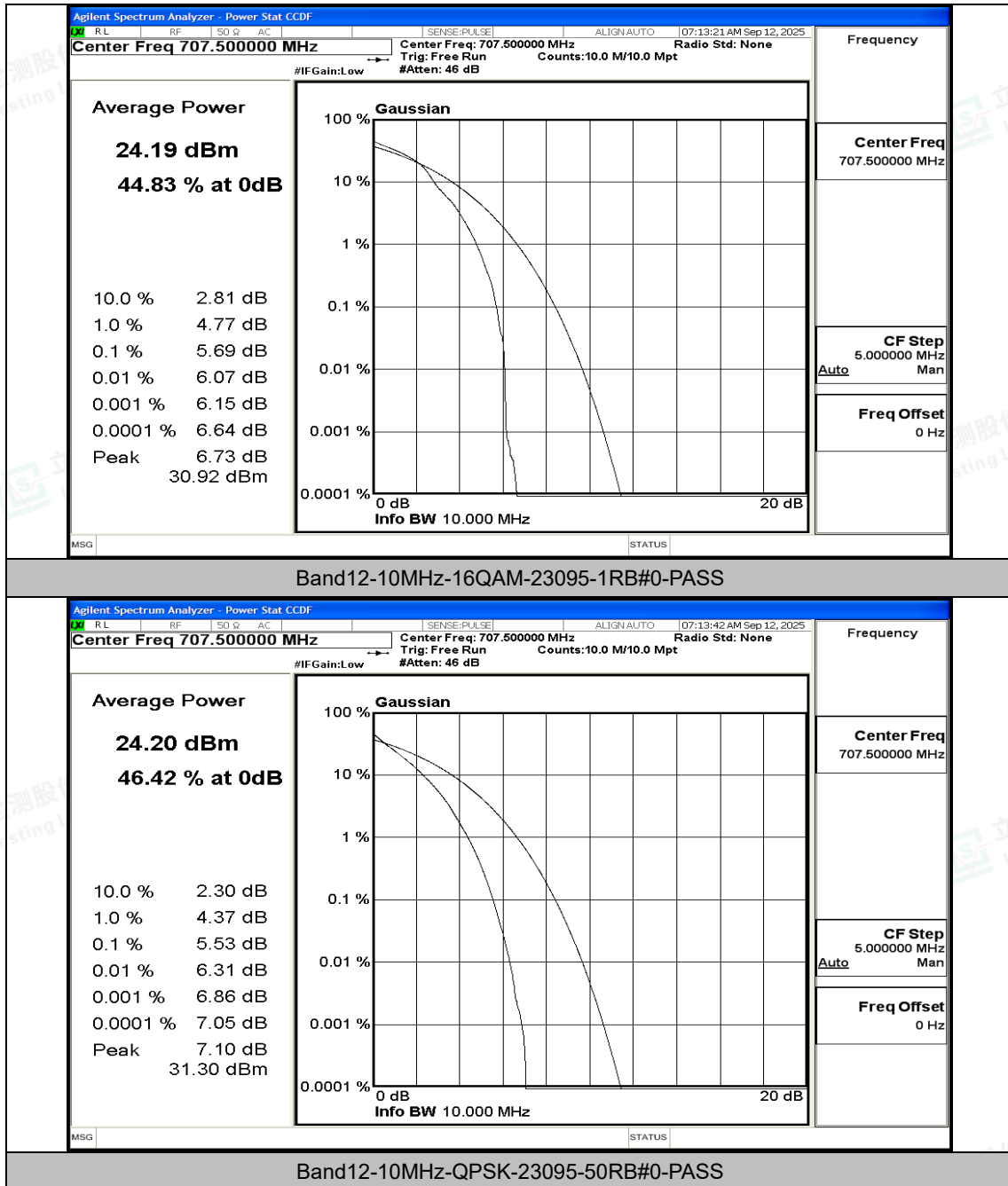


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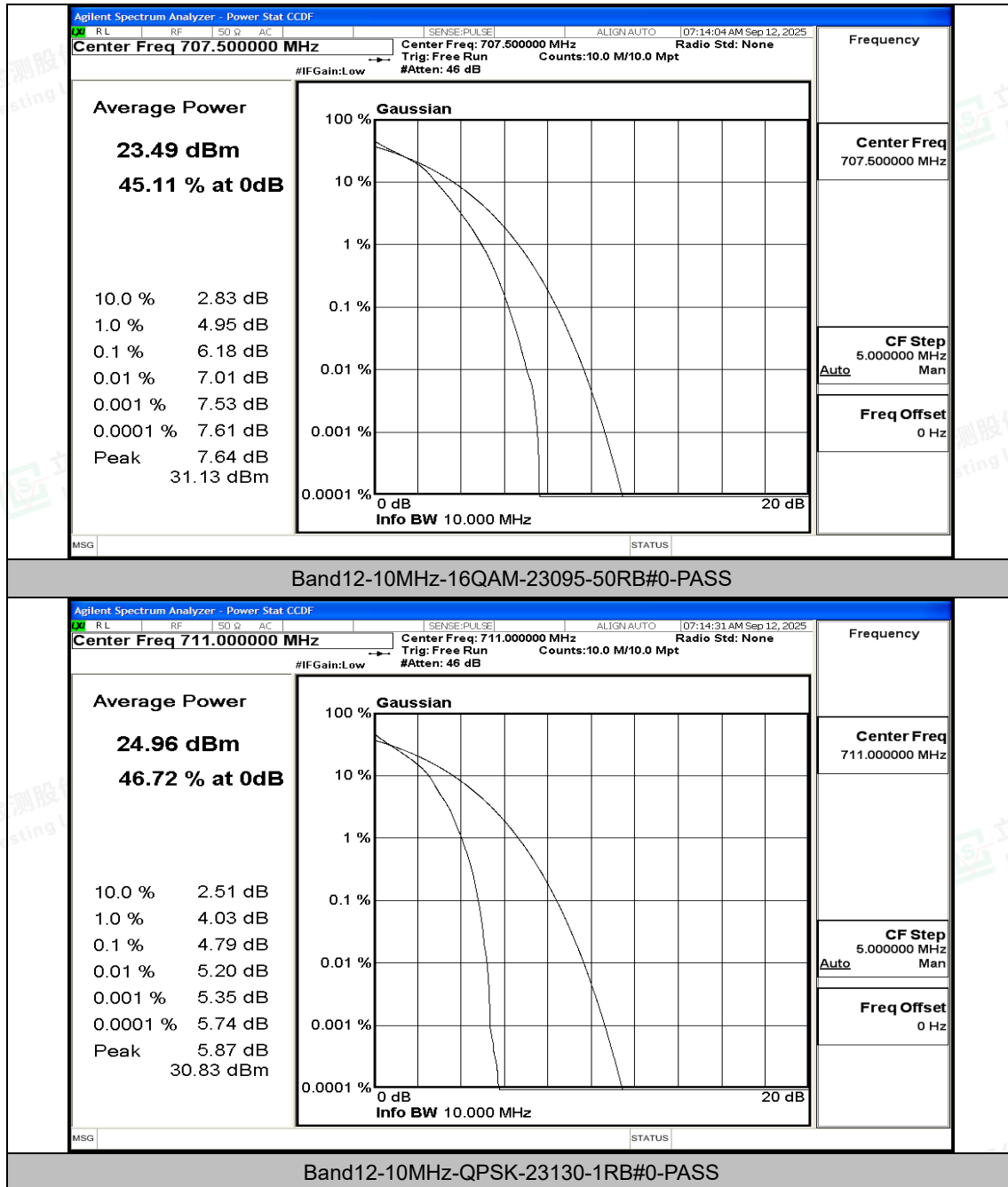


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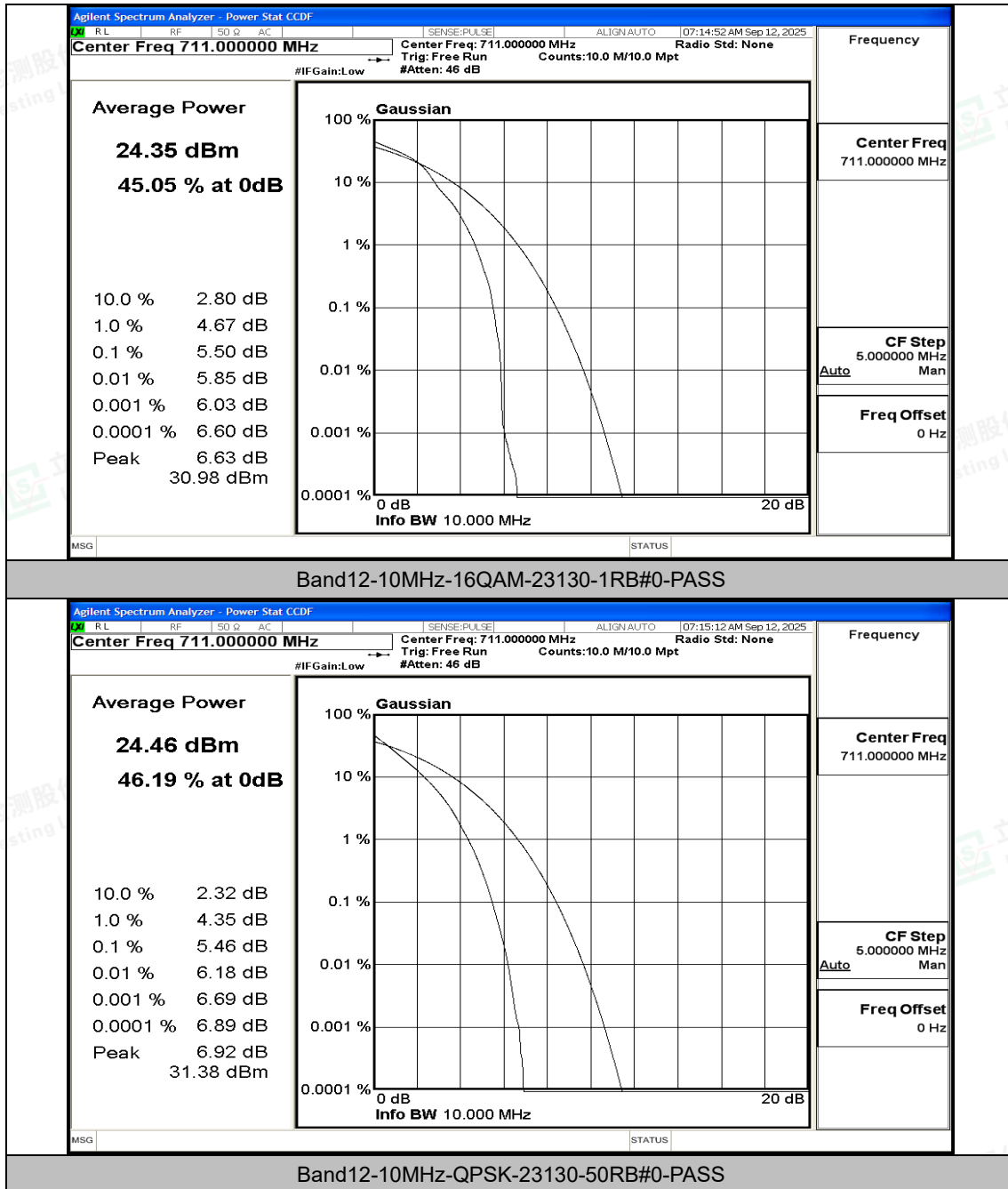


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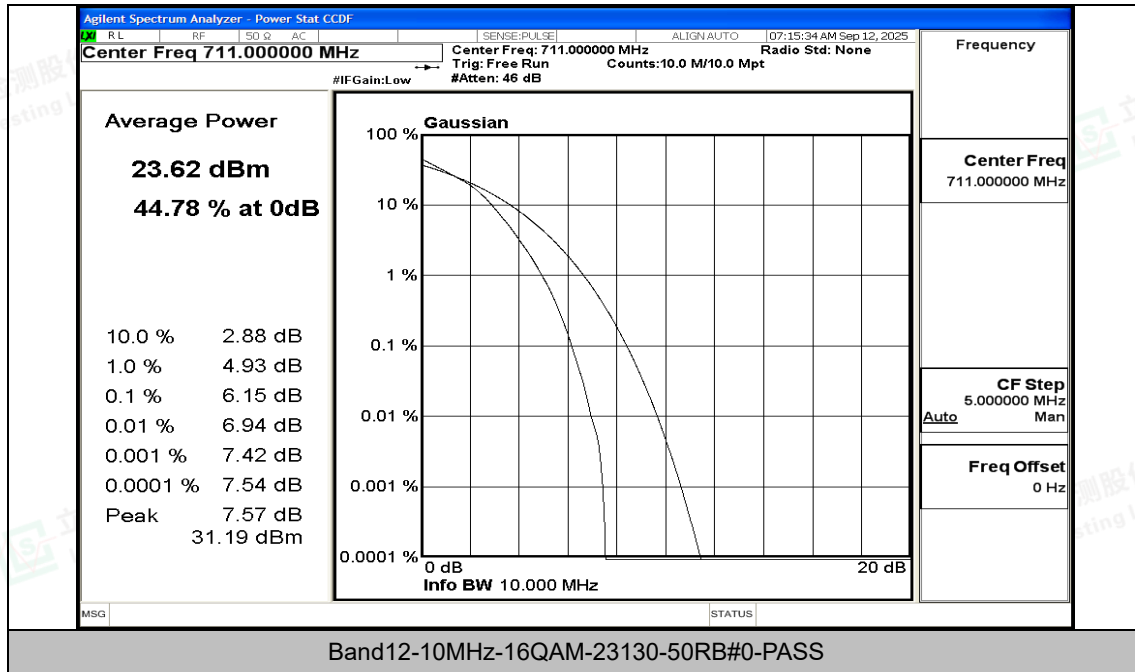


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J.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0925	1.241	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0963	1.244	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0905	1.236	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1011	1.252	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0907	1.233	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0952	1.243	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7530	3.106	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7532	3.095	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7544	3.092	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7424	3.106	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7501	3.074	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7356	3.083	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5113	4.961	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5030	4.958	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5015	4.976	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4999	4.941	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5054	4.966	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5057	4.947	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9959	10.11	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9894	10.09	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9882	10.03	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9846	10.14	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9961	10.08	PASS
Band12	10MHz	16QAM	23130	50RB#0	9.0152	10.15	PASS



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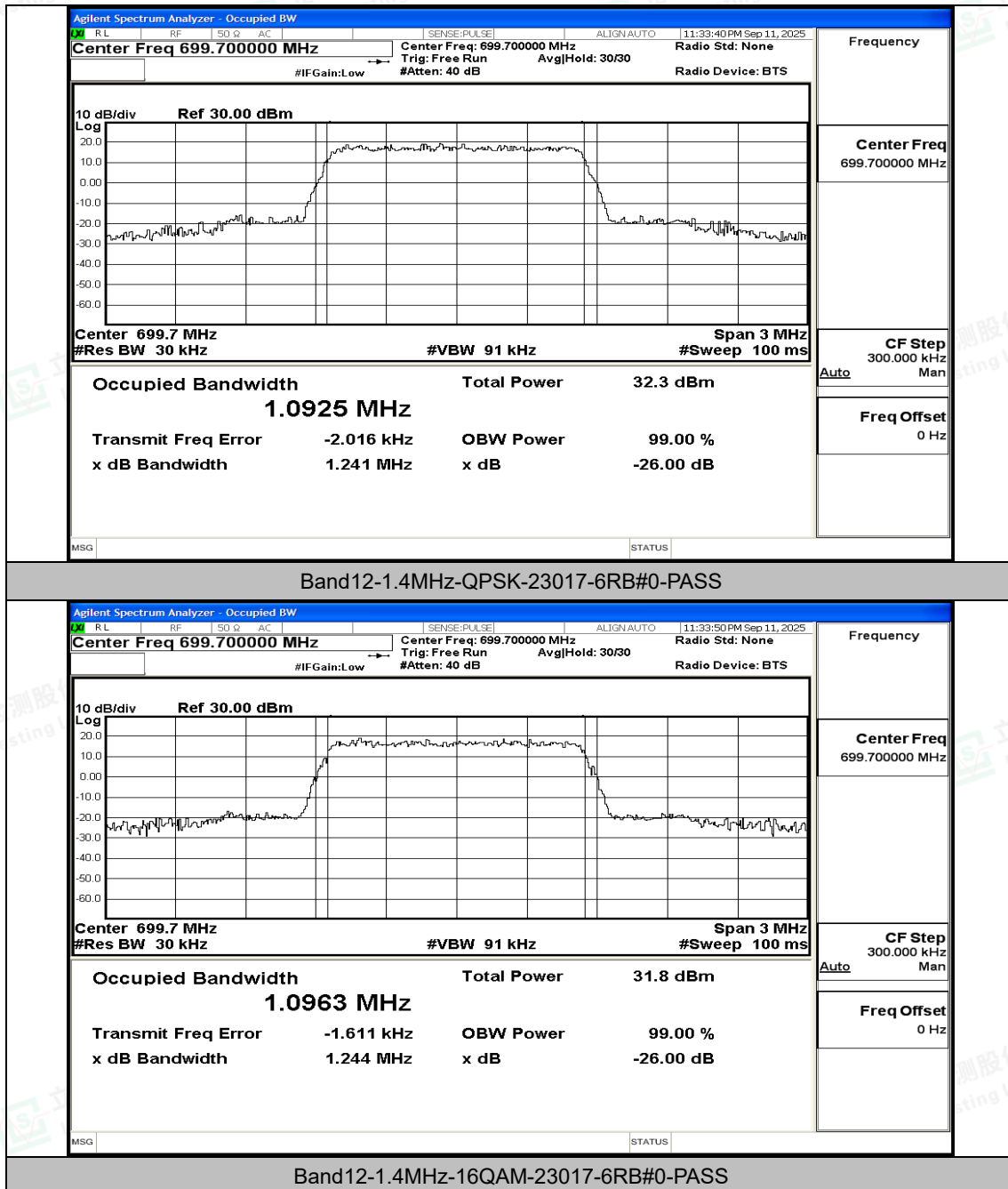
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Test Graphs

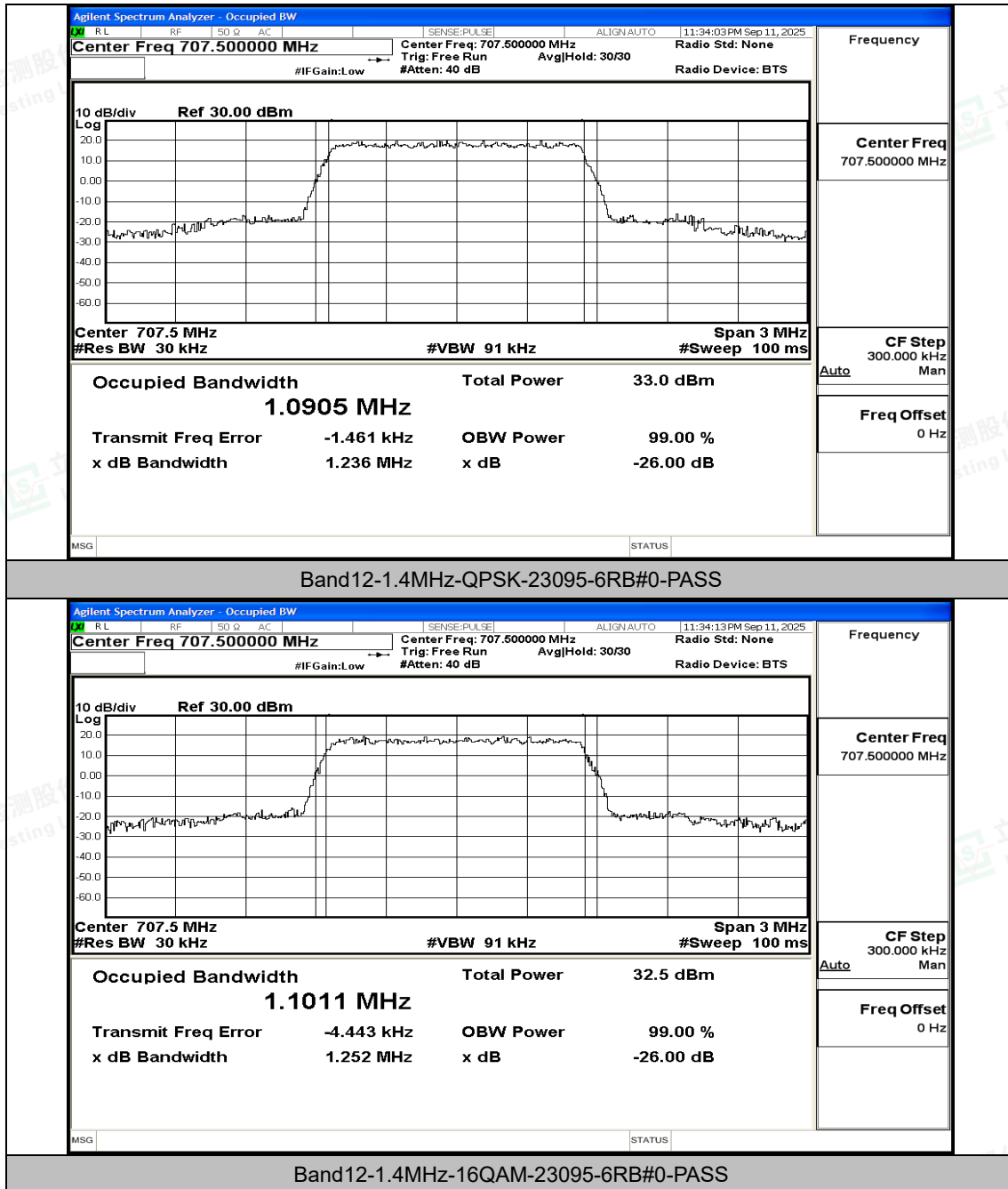


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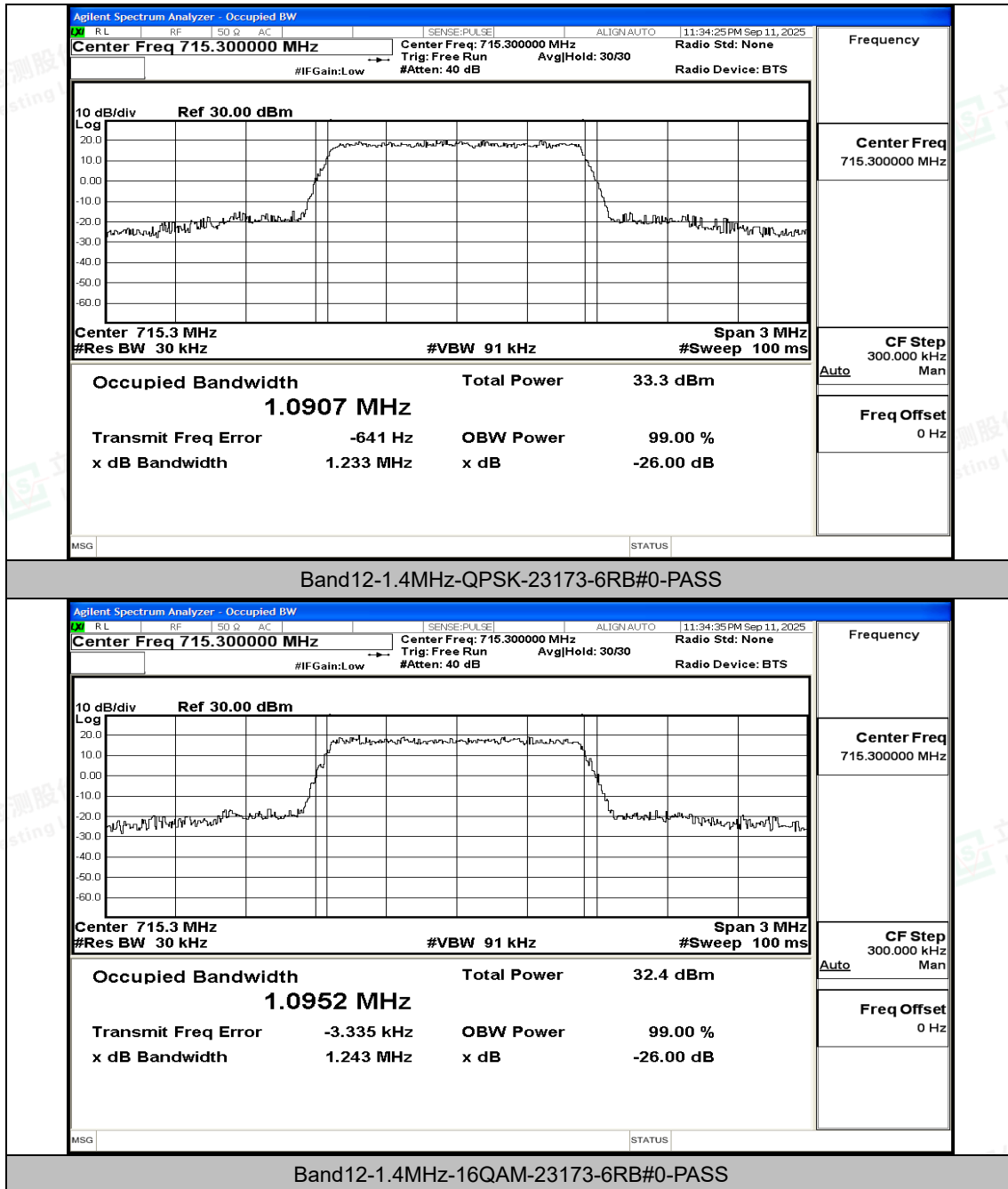


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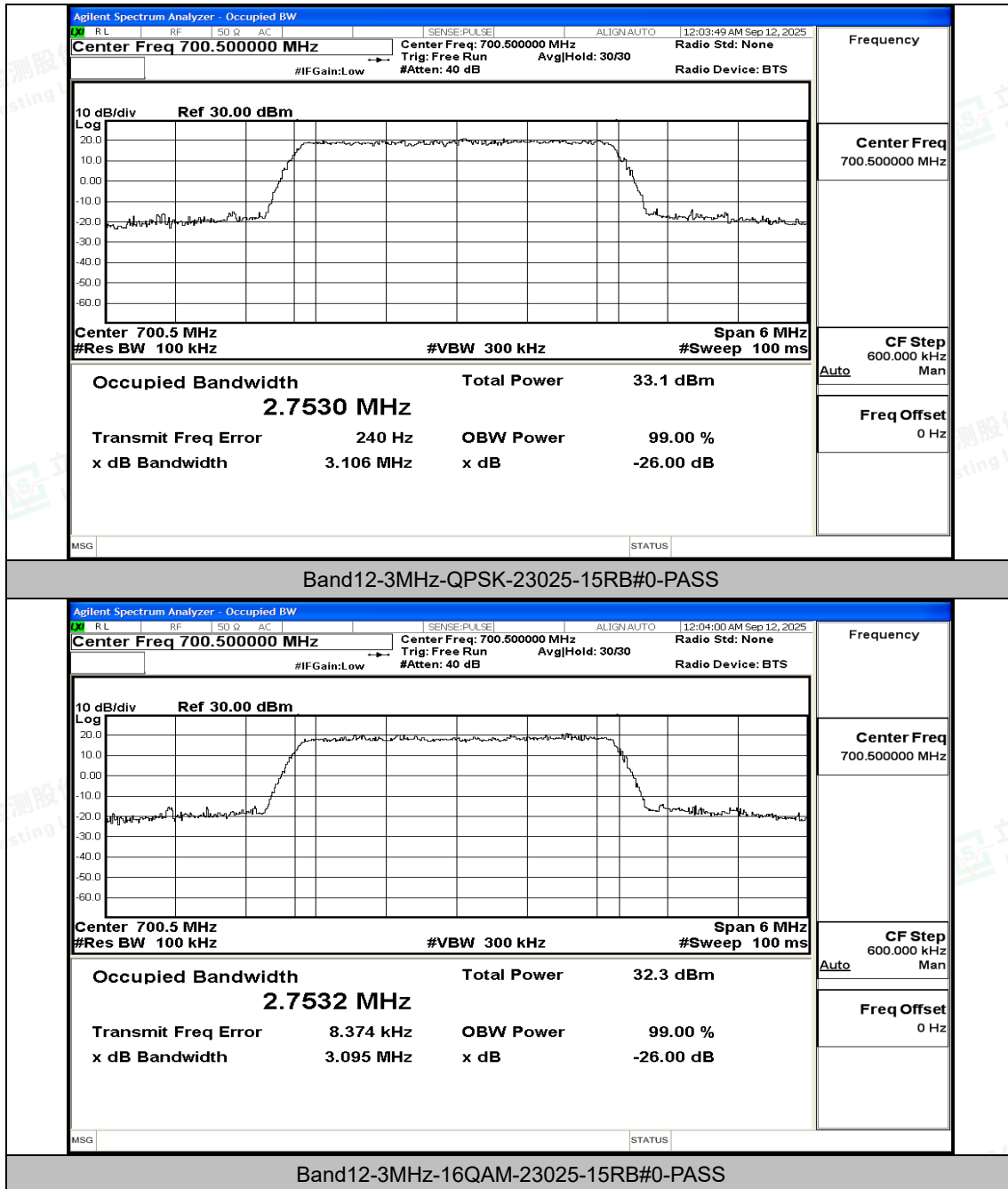


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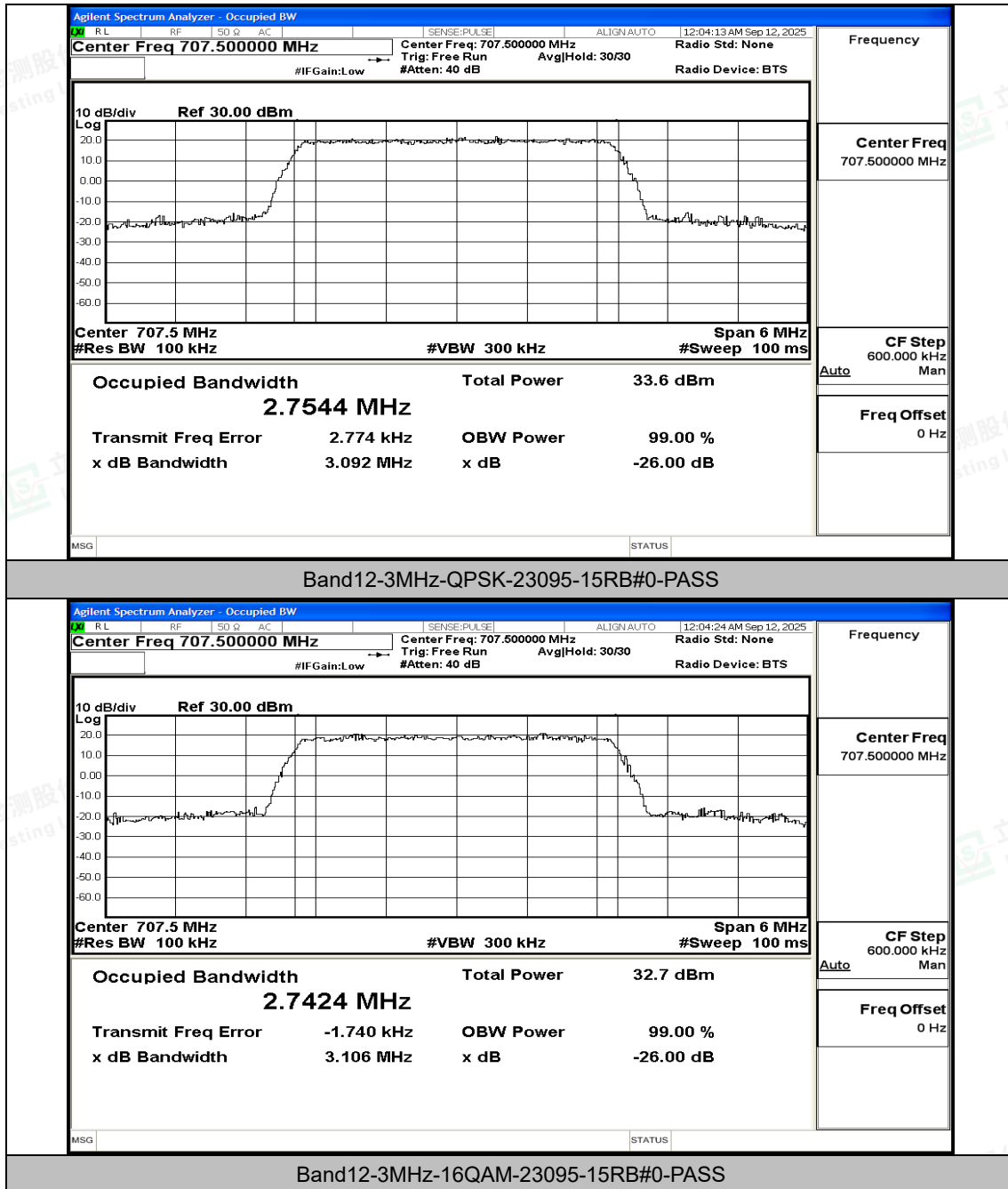


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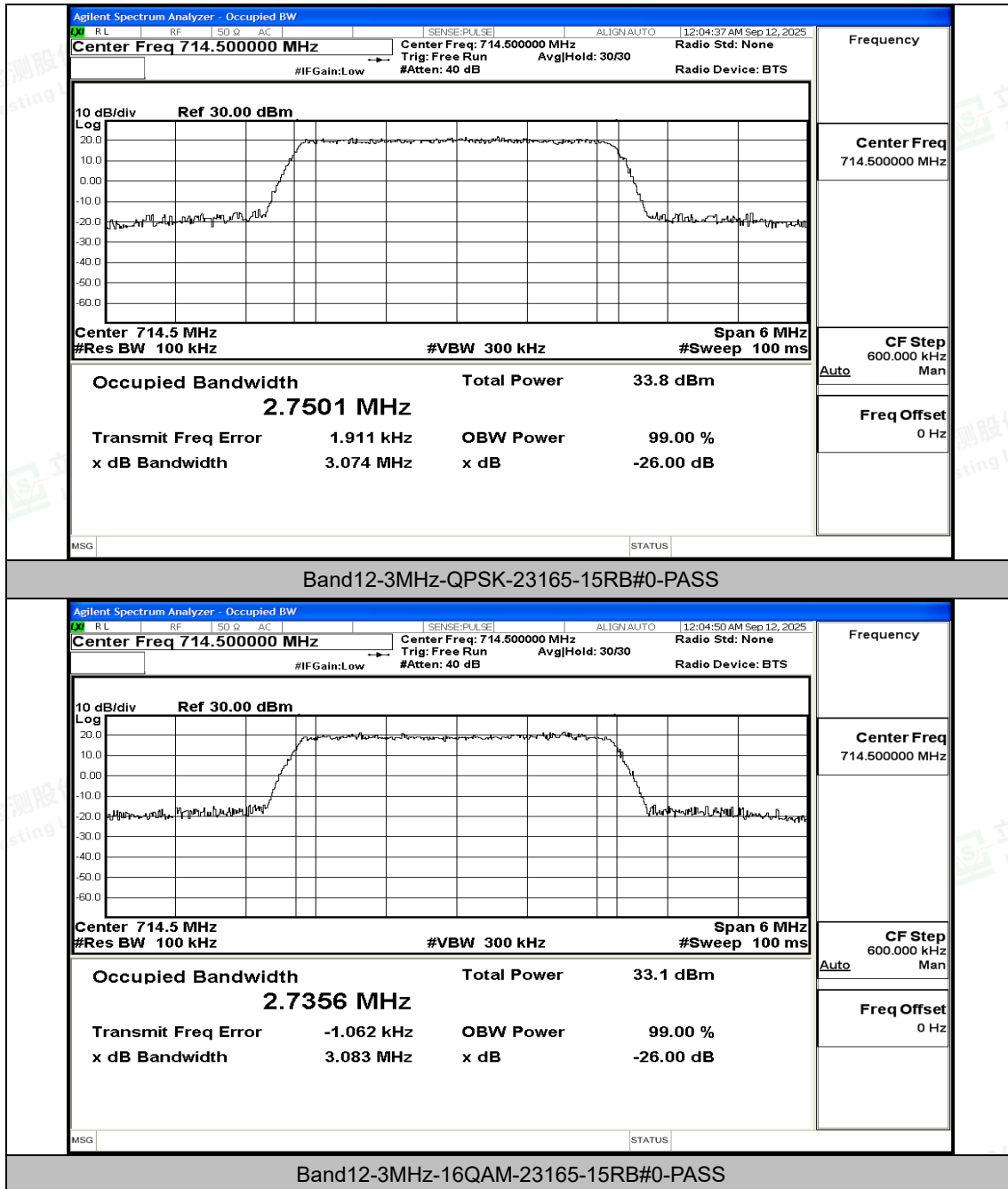


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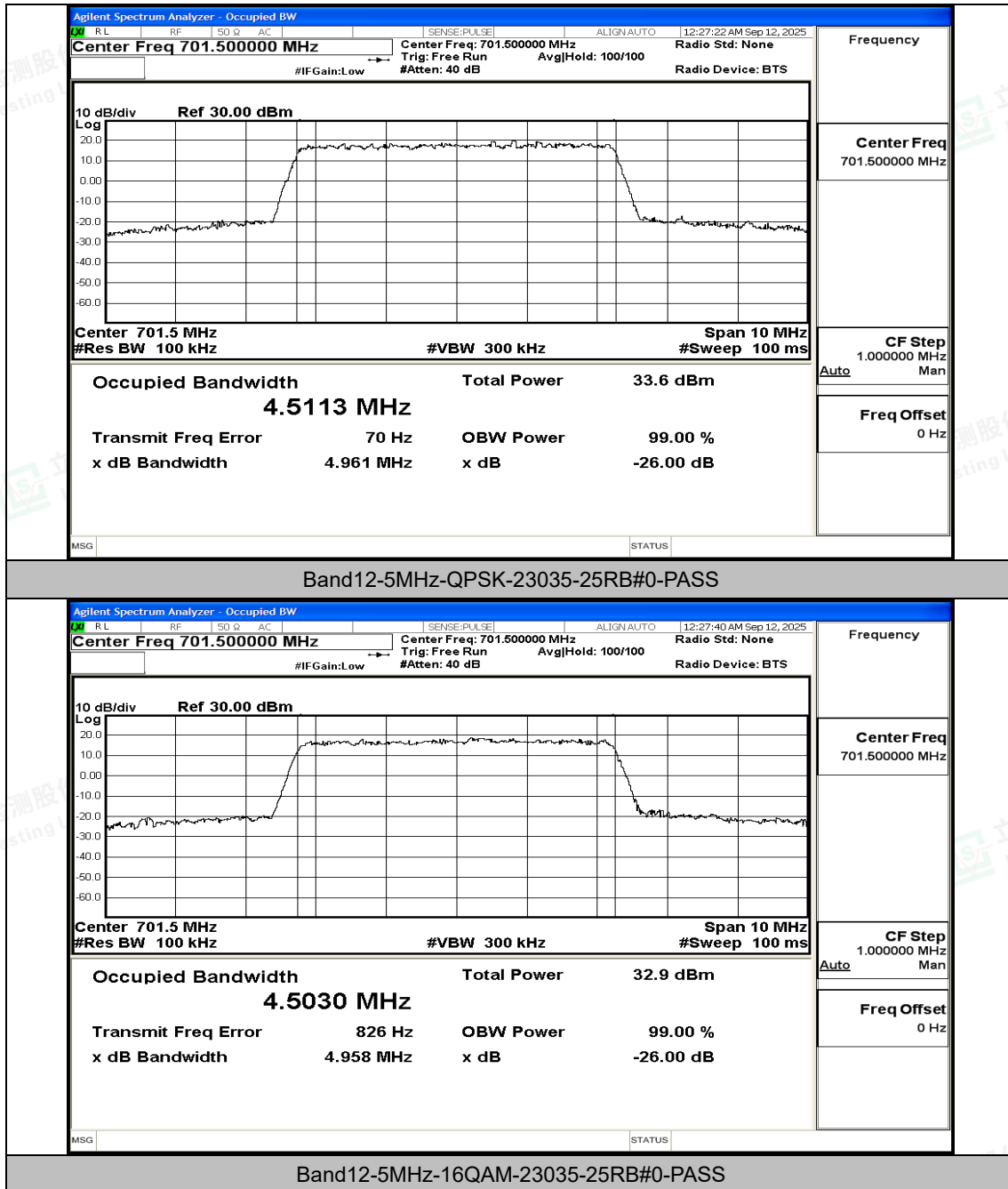


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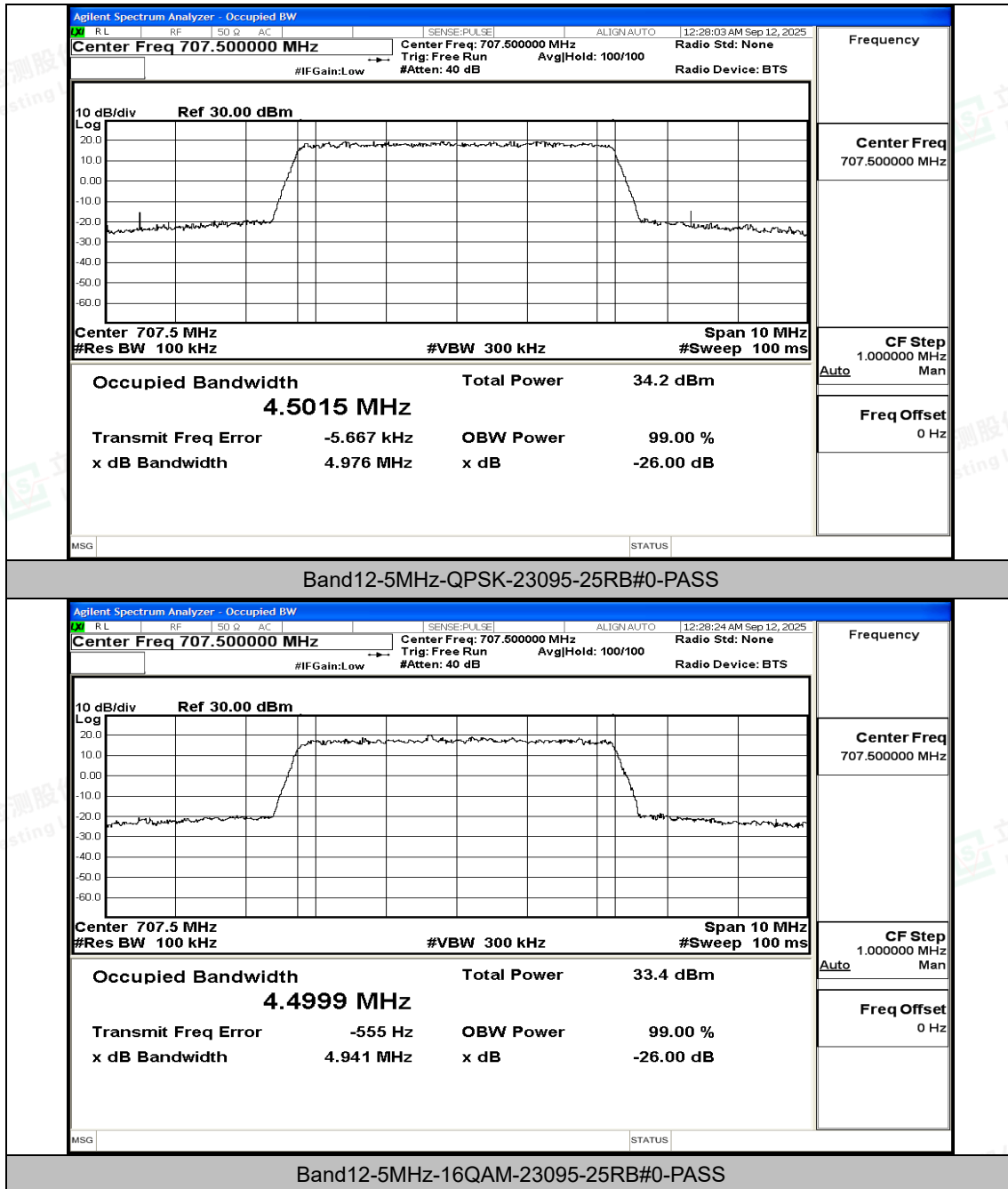


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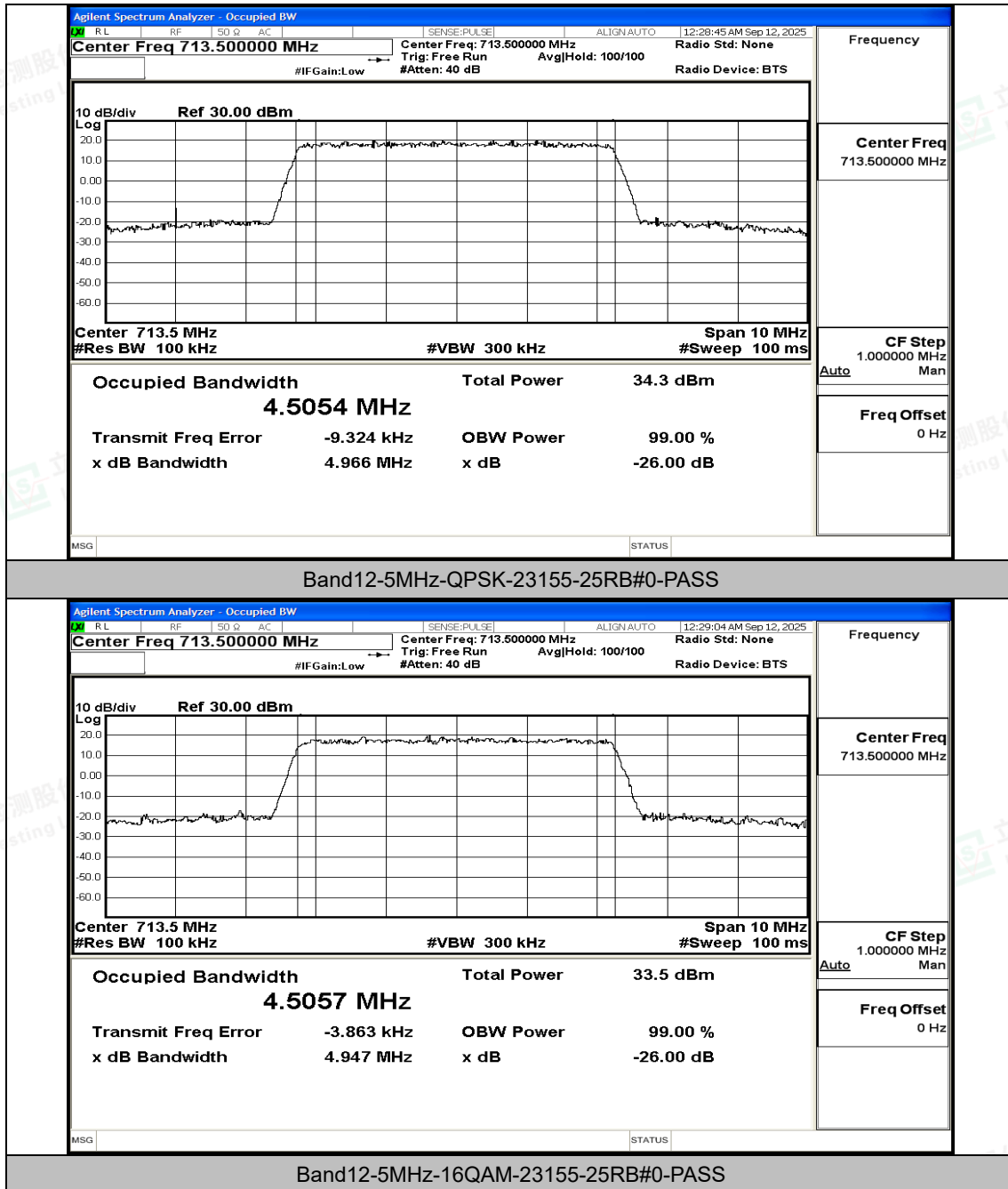


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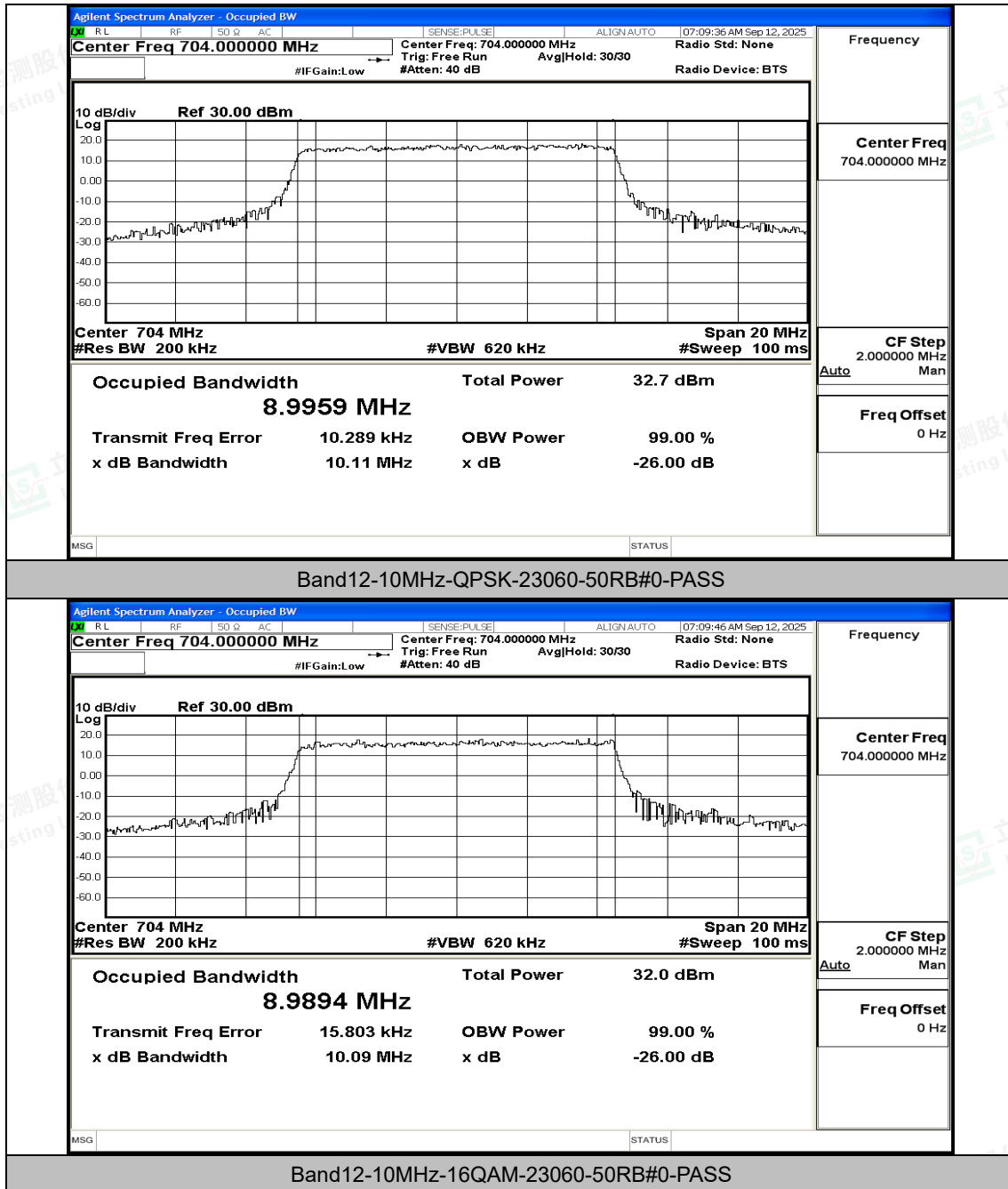


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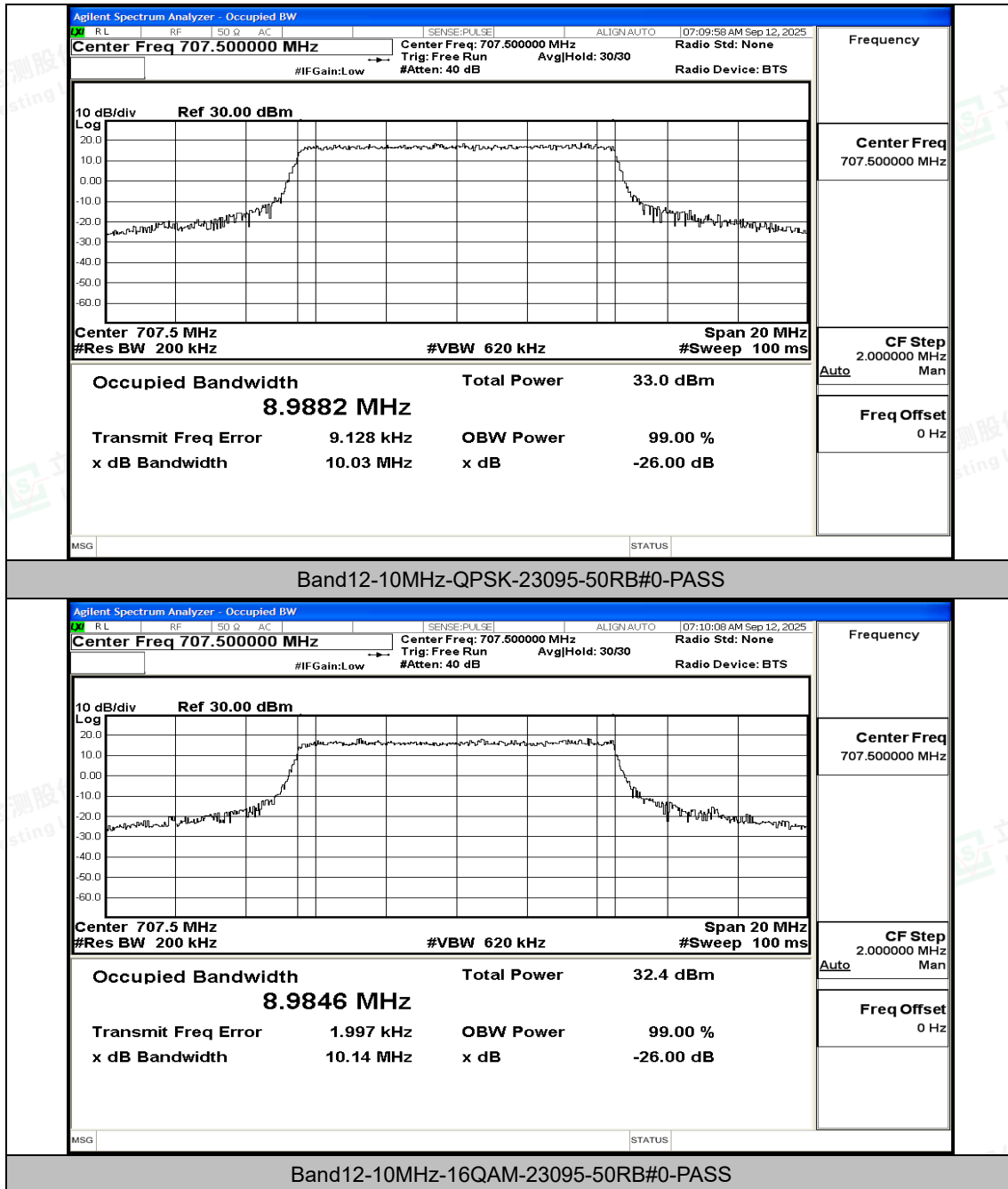


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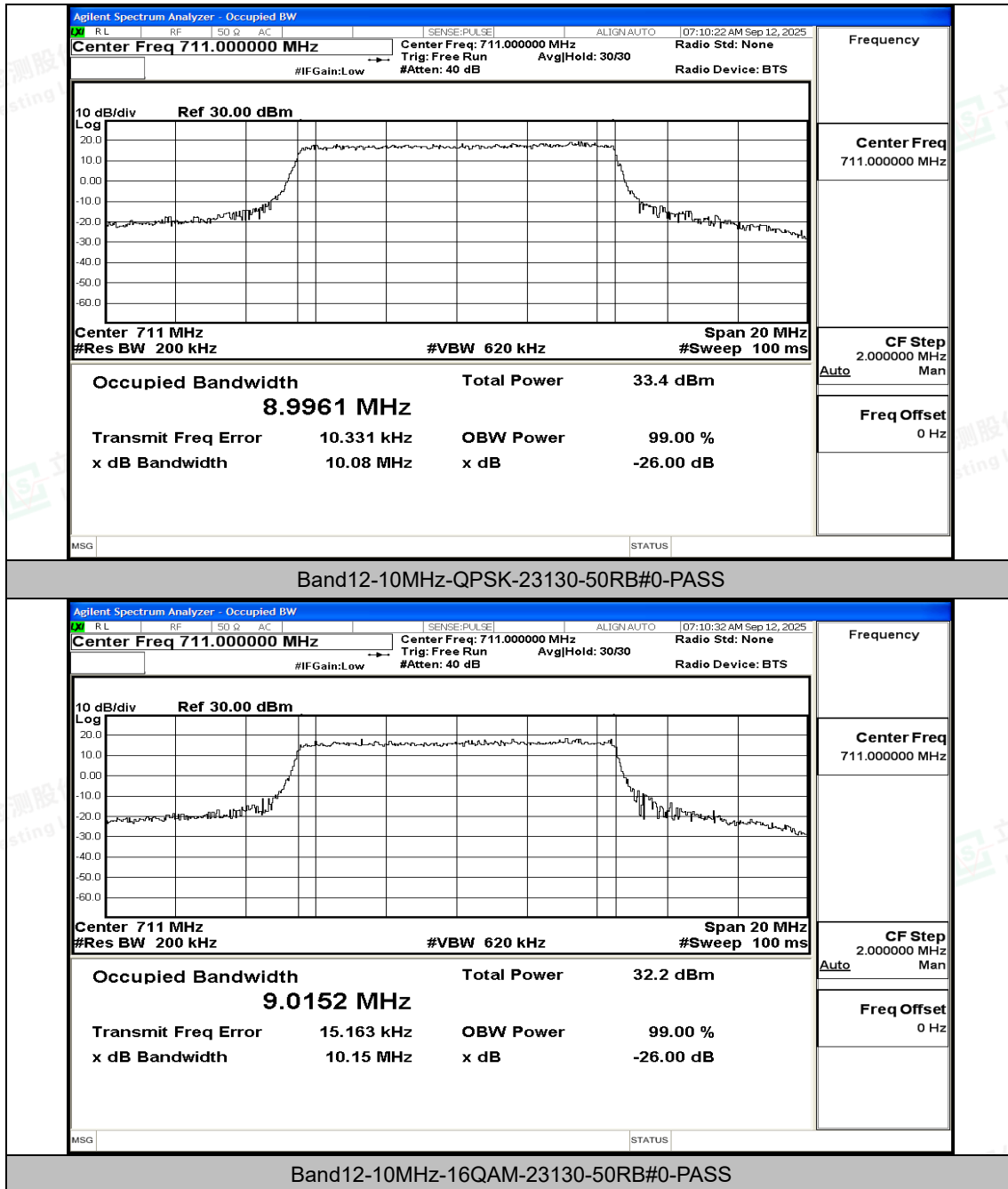


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J.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	698.78	-20.08	PASS_Final1
Band12	1.4MHz	16QAM	23017	6RB#0	698.85	-19.94	PASS_Final1
Band12	1.4MHz	QPSK	23173	6RB#0	716.15	-20.80	PASS_Final1
Band12	1.4MHz	16QAM	23173	6RB#0	716.15	-20.09	PASS_Final1
Band12	3MHz	QPSK	23025	15RB#0	698.99	-21.51	PASS_Final1
Band12	3MHz	16QAM	23025	15RB#0	698.99	-22.91	PASS_Final1
Band12	3MHz	QPSK	23165	15RB#0	716.02	-22.68	PASS_Final1
Band12	3MHz	16QAM	23165	15RB#0	716.02	-23.56	PASS_Final1
Band12	5MHz	QPSK	23035	25RB#0	698.62	-24.11	PASS
Band12	5MHz	16QAM	23035	25RB#0	698.68	-24.93	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.72	-25.23	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.00	-20.04	PASS
Band12	10MHz	QPSK	23060	50RB#0	698.89	-24.88	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.53	-27.17	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.13	-23.70	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.20	-23.92	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	698.44	-25.16	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	698.88	-25.82	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.10	-26.11	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	716.13	-27.26	PASS
Band12	3MHz	QPSK	23025	15RB#0	699.00	-21.87	PASS
Band12	3MHz	16QAM	23025	15RB#0	699.00	-21.28	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.00	-18.01	PASS
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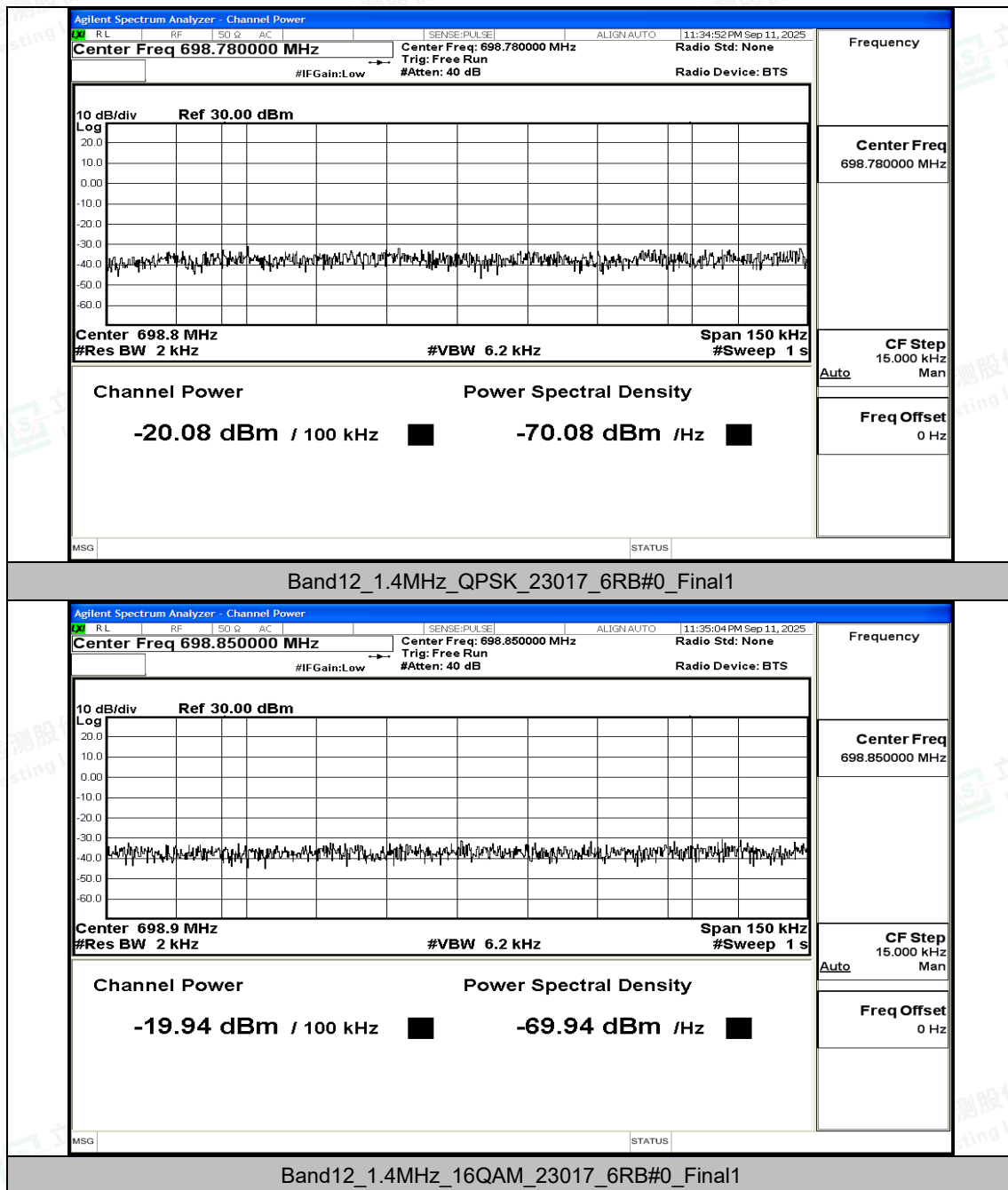
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Test Graphs

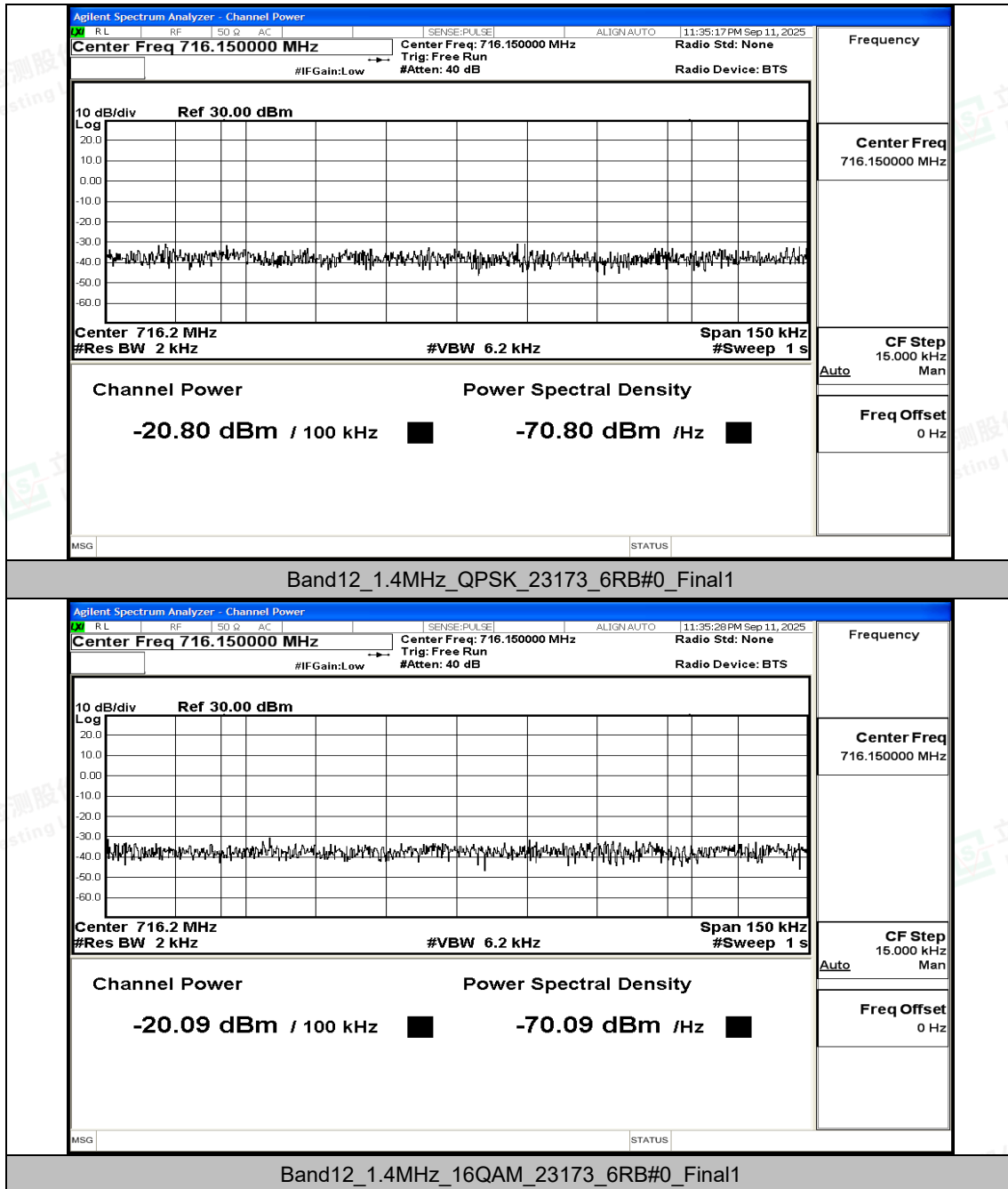


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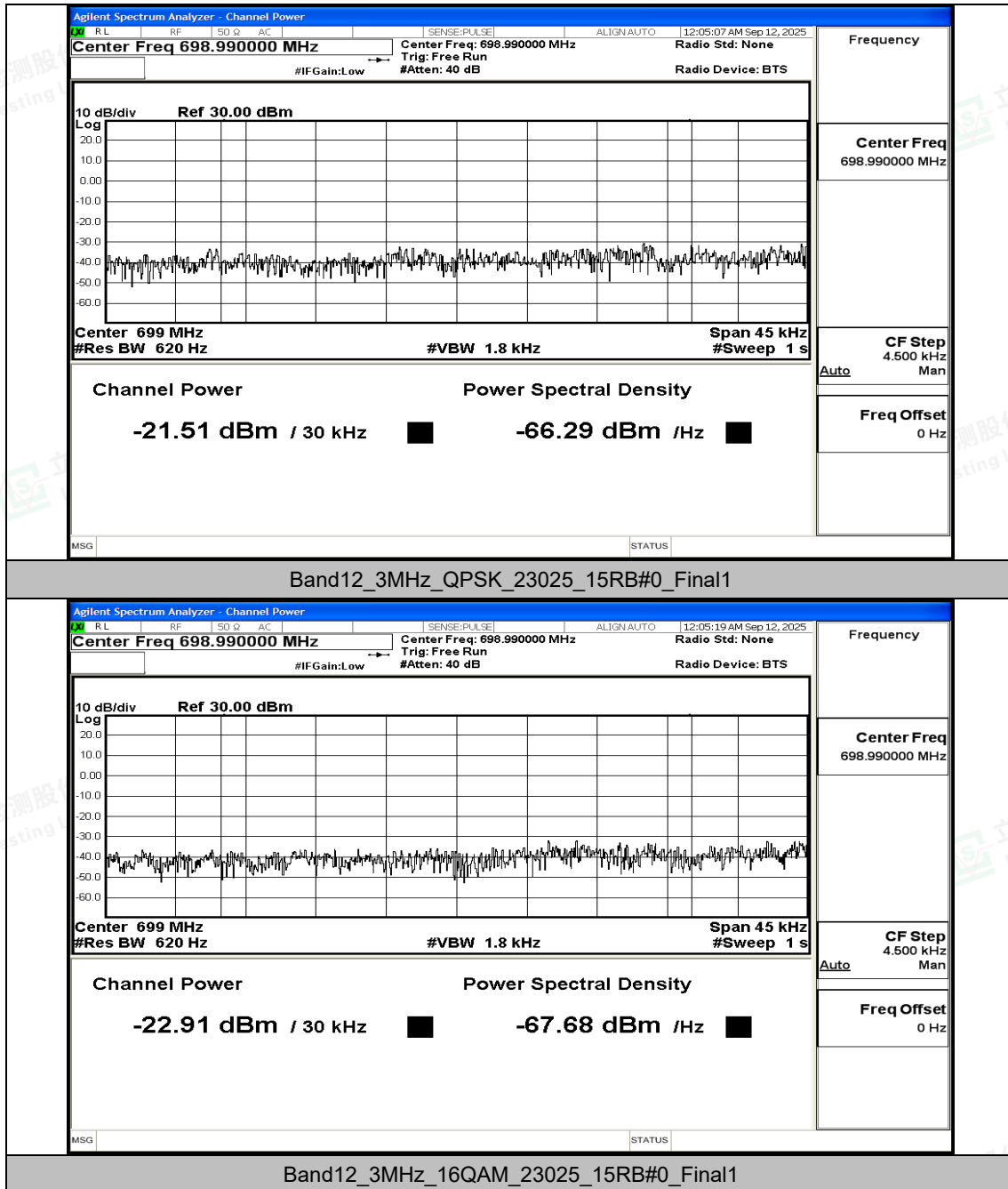


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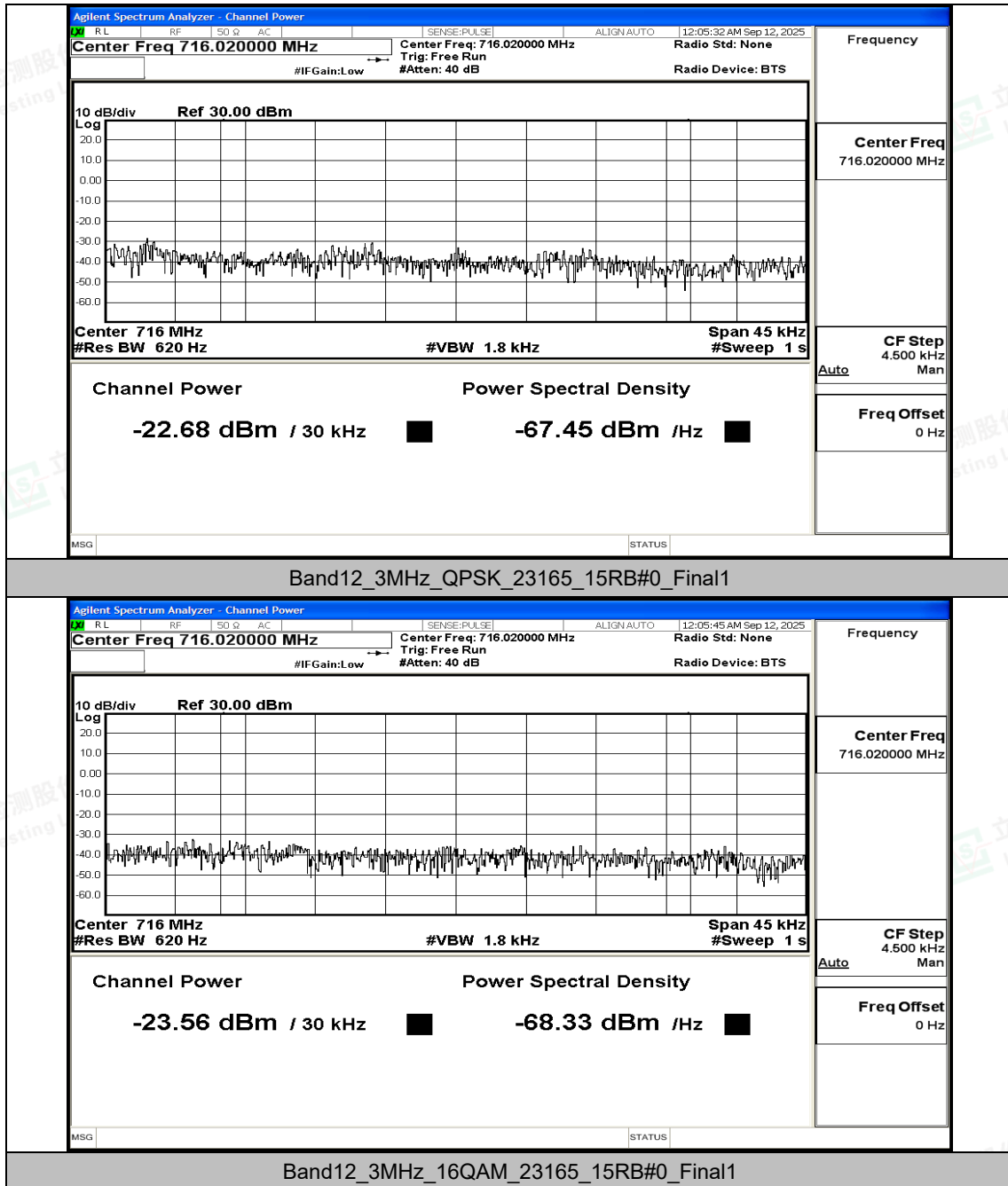


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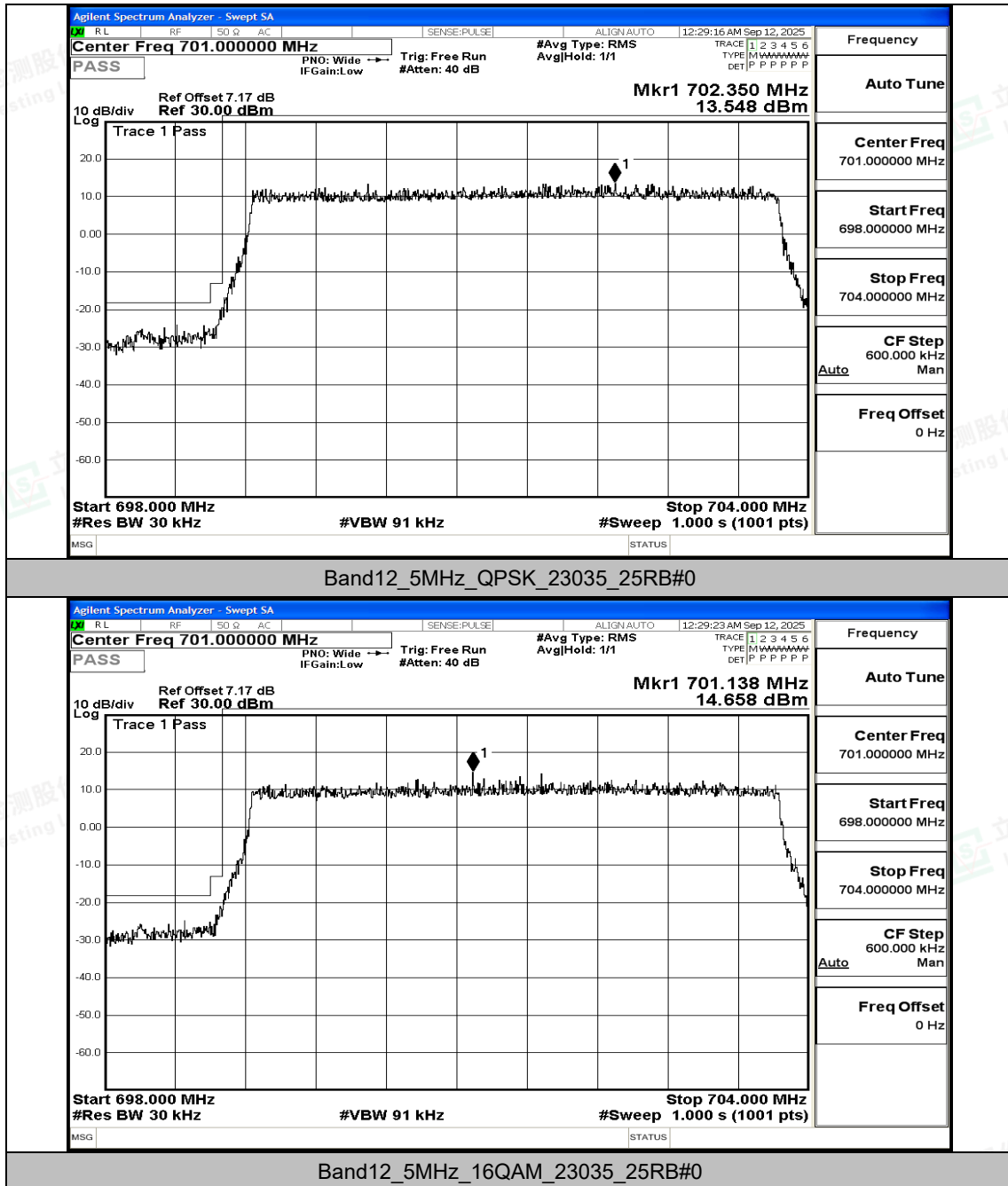


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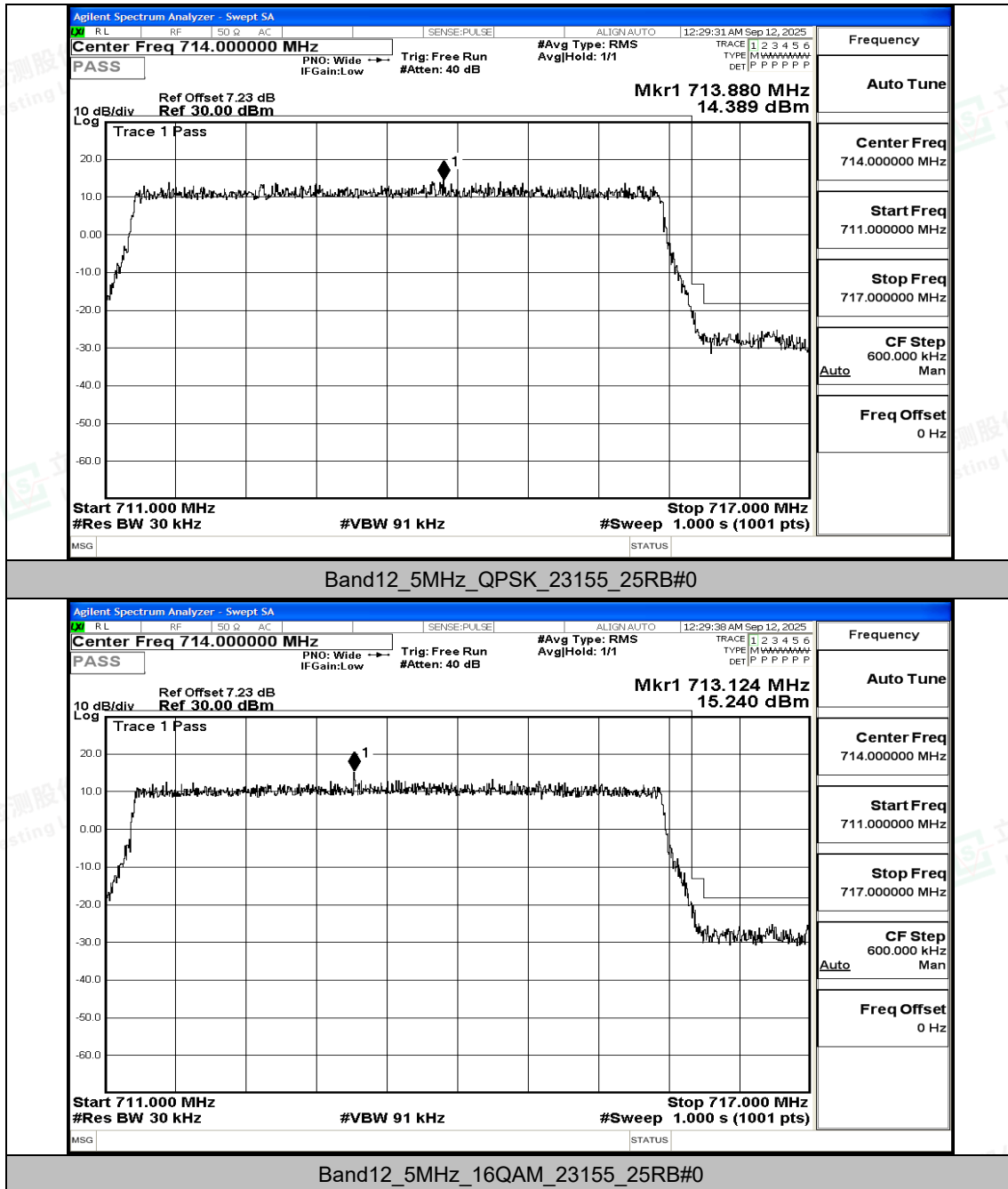


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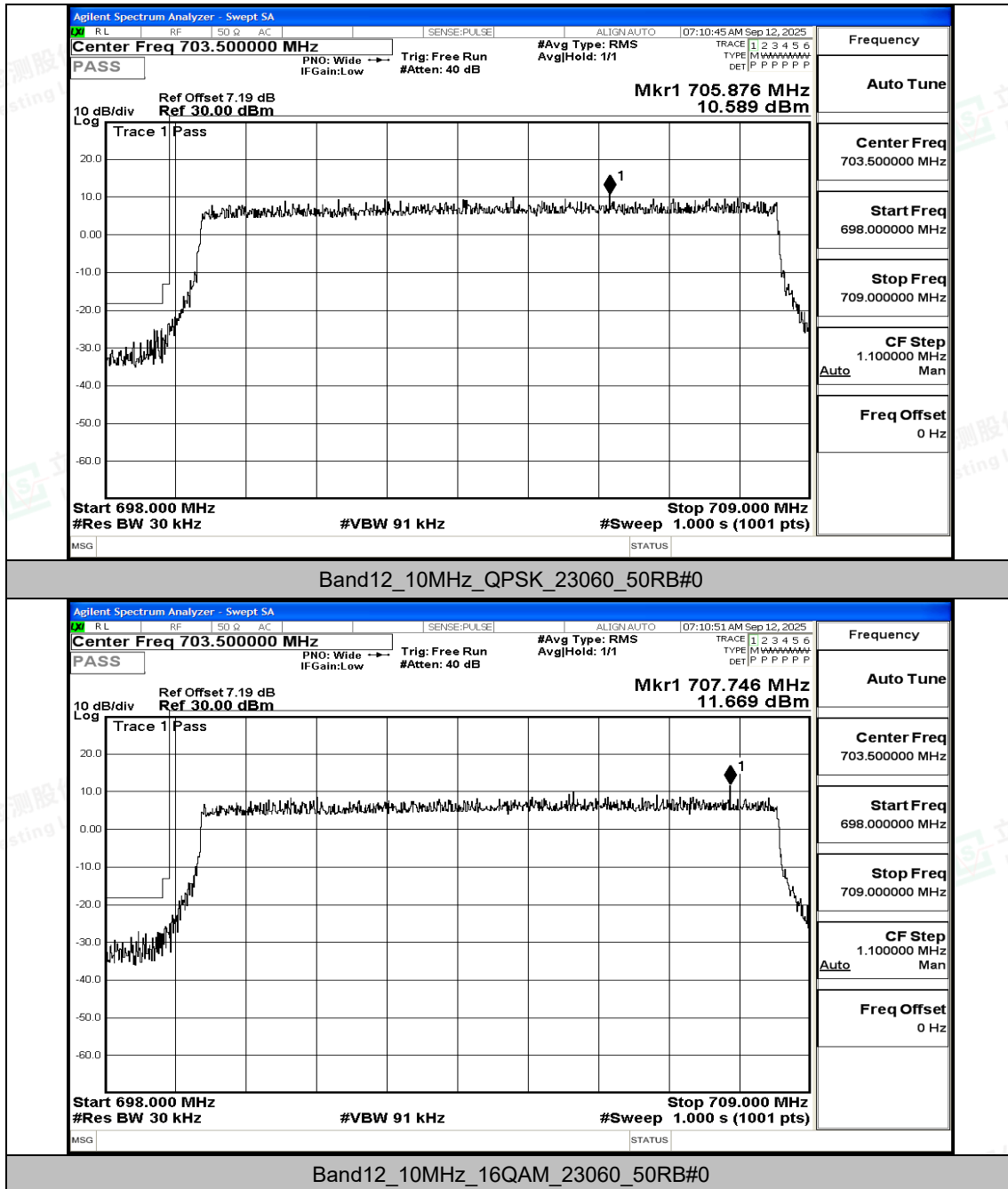


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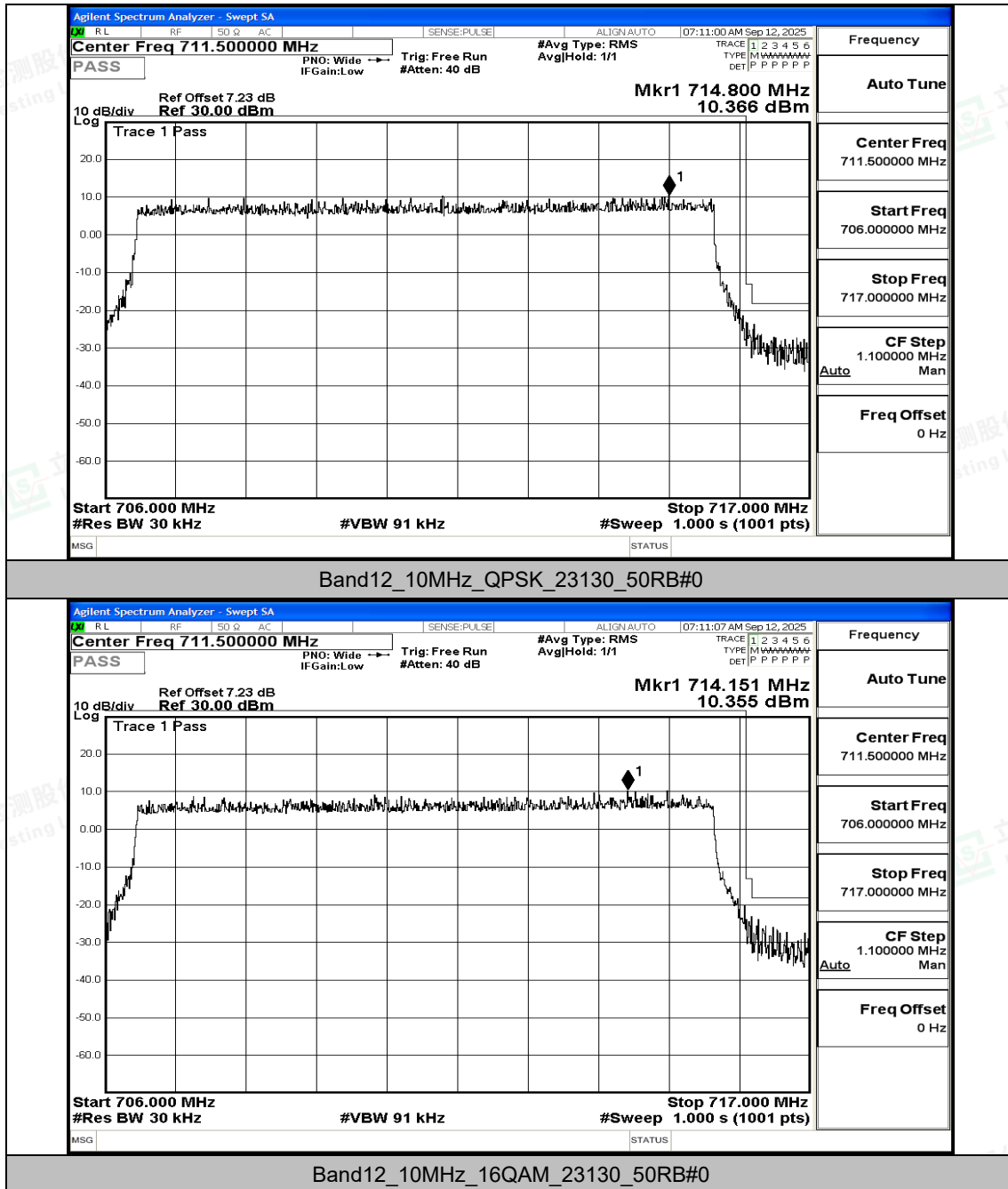


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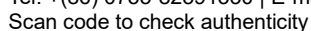
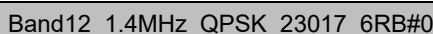


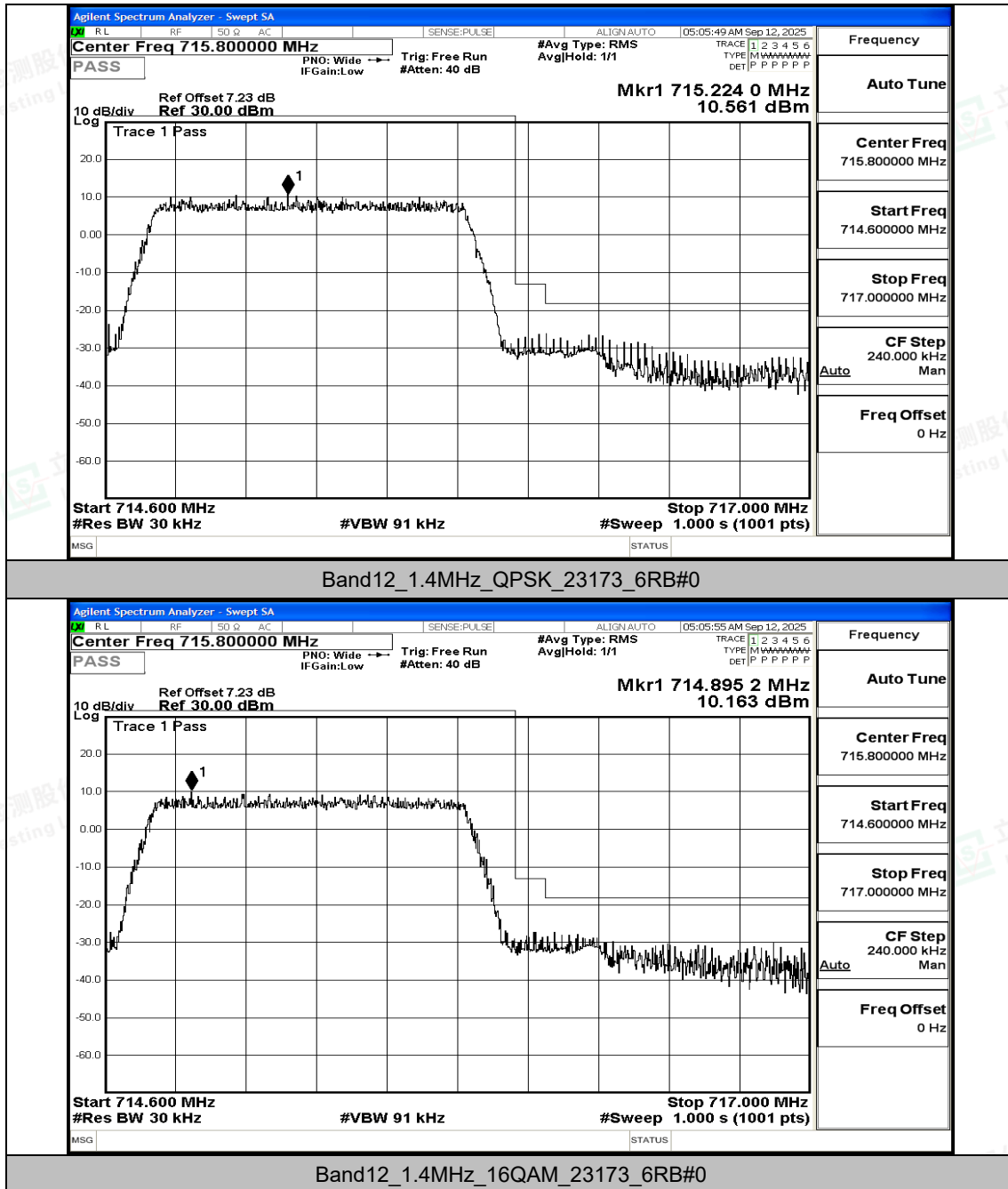
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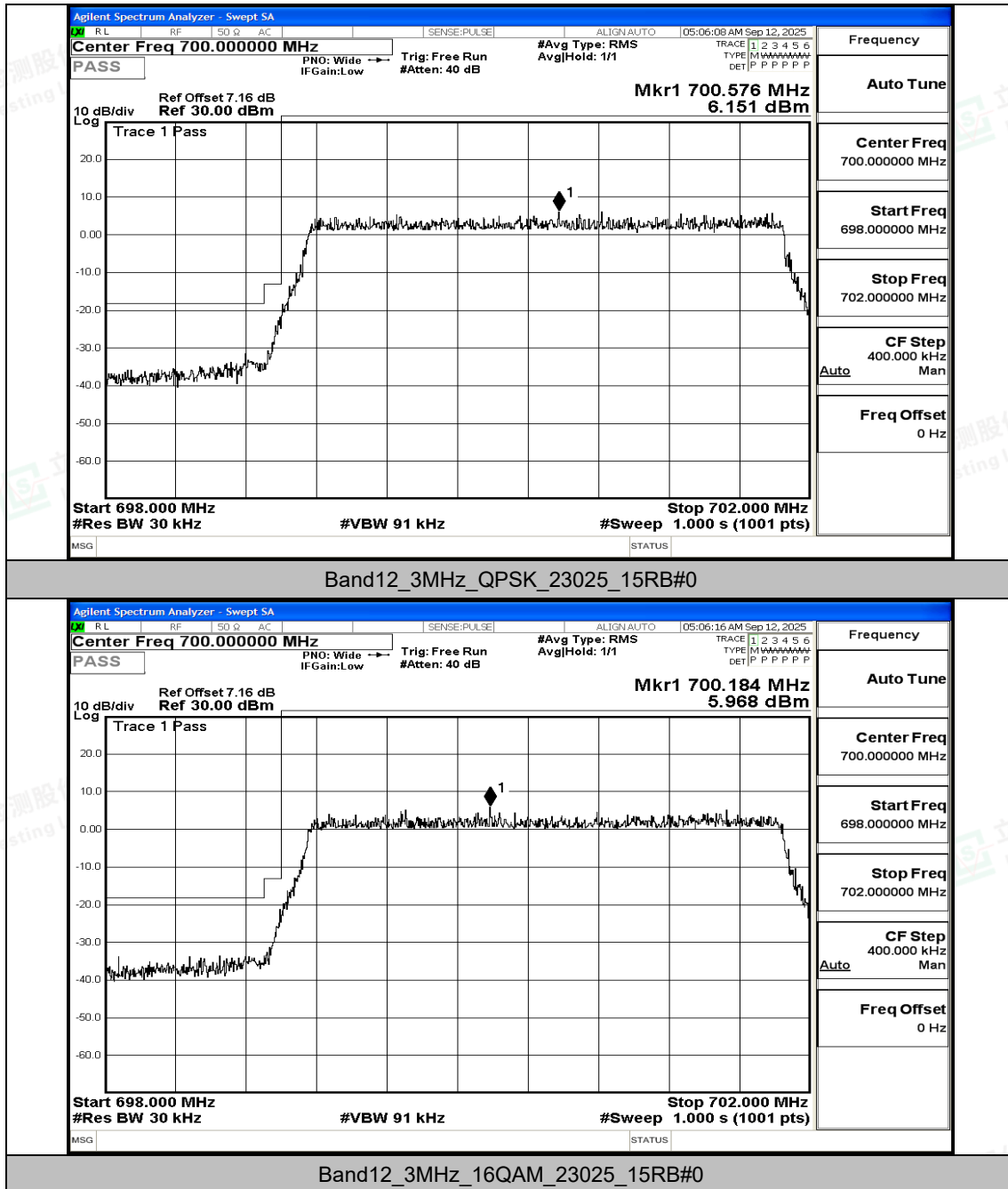


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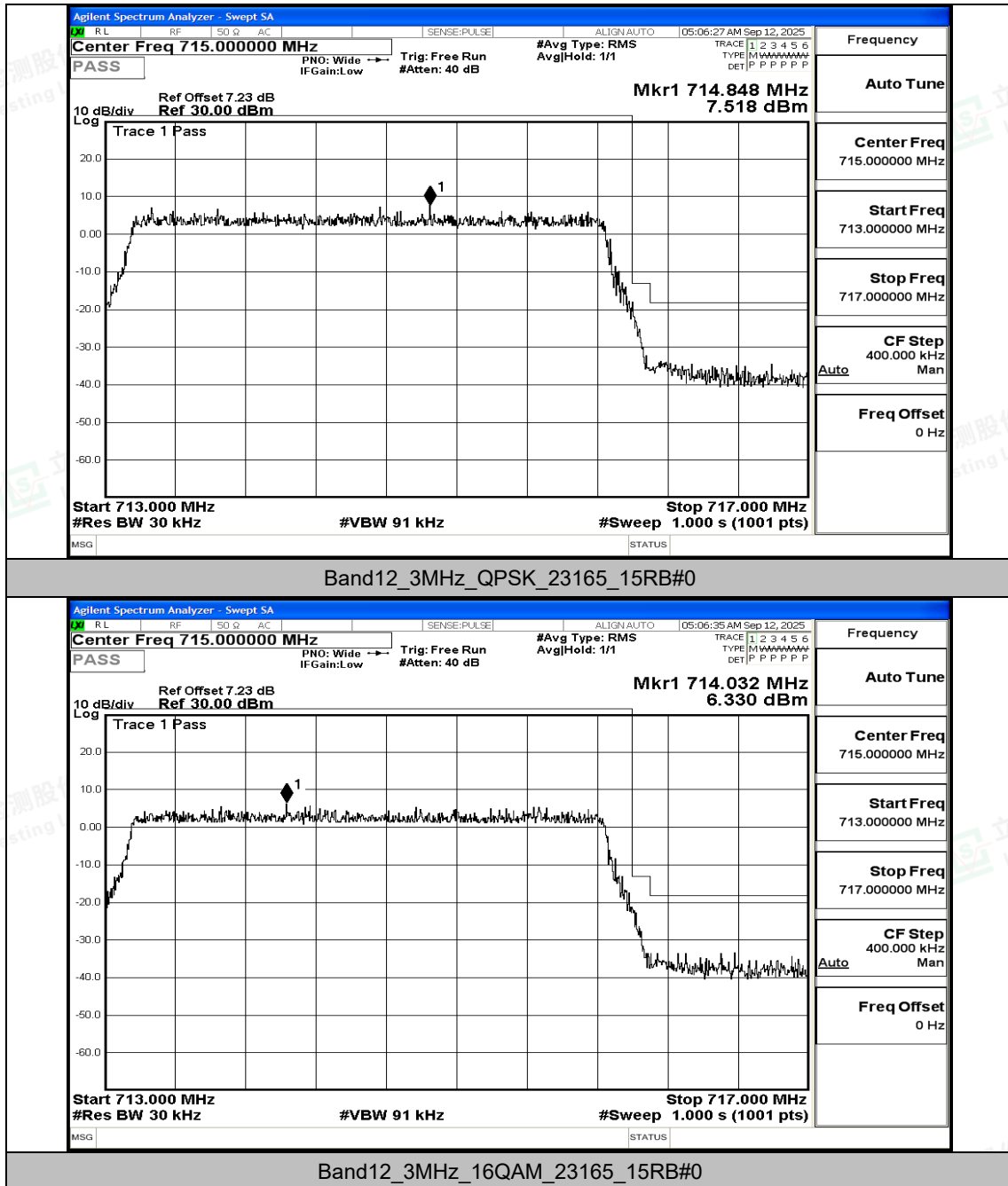


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J.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	0.009~0.15	-46.24	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-31.72	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-50.50	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-34.02	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-35.09	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-48.80	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-30.61	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-41.76	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-33.36	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-35.41	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-46.52	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-33.27	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-49.45	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-31.75	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-35.02	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-47.40	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-33.28	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-49.71	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-30.33	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-35.17	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-46.28	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-30.68	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-49.94	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-32.07	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-34.79	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-46.31	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-35.67	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-46.26	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-30.82	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-34.85	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-46.80	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-32.71	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-49.88	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-34.19	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-35.11	PASS



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Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-48.13	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-33.34	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-49.94	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-33.25	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-35.36	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-47.33	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-32.06	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-46.69	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-31.81	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-34.59	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-45.94	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-30.49	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-40.39	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-32.04	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-34.90	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-46.41	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-31.61	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-48.10	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-31.44	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-35.70	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-47.82	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-29.56	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-48.84	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-31.40	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-35.13	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-58.30	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-44.71	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-51.19	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-33.98	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-35.00	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-58.52	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-46.48	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-51.31	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-34.48	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-34.09	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-57.55	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-45.81	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-52.63	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-33.19	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-34.64	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-57.74	PASS



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Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-45.98	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-49.21	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-32.39	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-35.05	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-58.29	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-49.46	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-52.00	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-32.89	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-35.02	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-57.73	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-47.94	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-51.53	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-31.95	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-35.68	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-54.45	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-44.92	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-52.10	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-39.30	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-34.21	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-56.68	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-46.99	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-52.62	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-38.93	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-34.20	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-56.97	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-45.63	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-51.21	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-37.57	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-35.02	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-57.68	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-45.71	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-52.63	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-38.87	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-35.44	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-59.34	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-47.04	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-52.71	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-38.81	PASS
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-35.98	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.009~0.15	-53.54	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.15~30	-47.89	PASS



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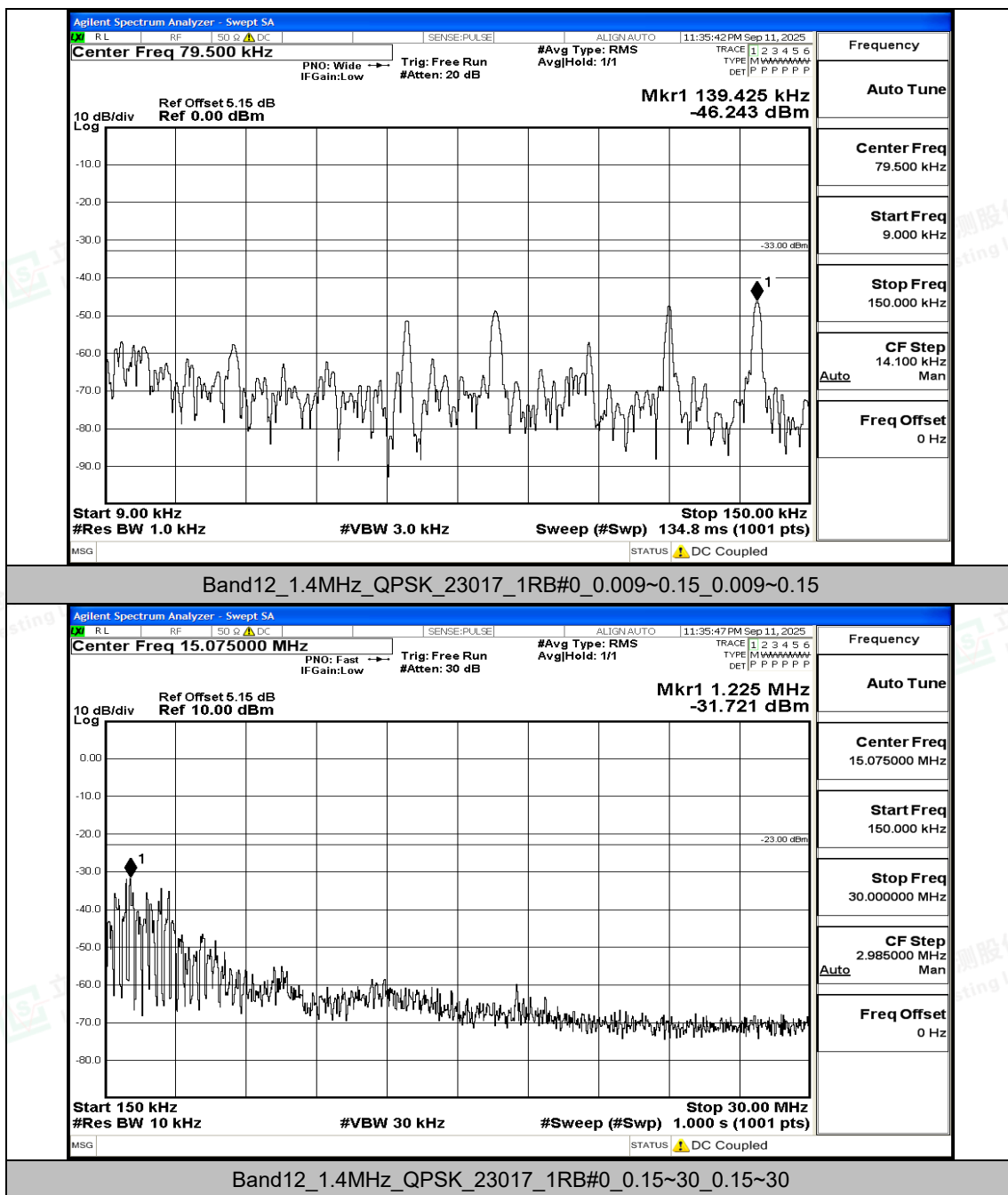
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Band12	10MHz	16QAM	23130	1RB#0	30~1000	-52.53	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	-38.75	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	-35.28	PASS

Test Graphs

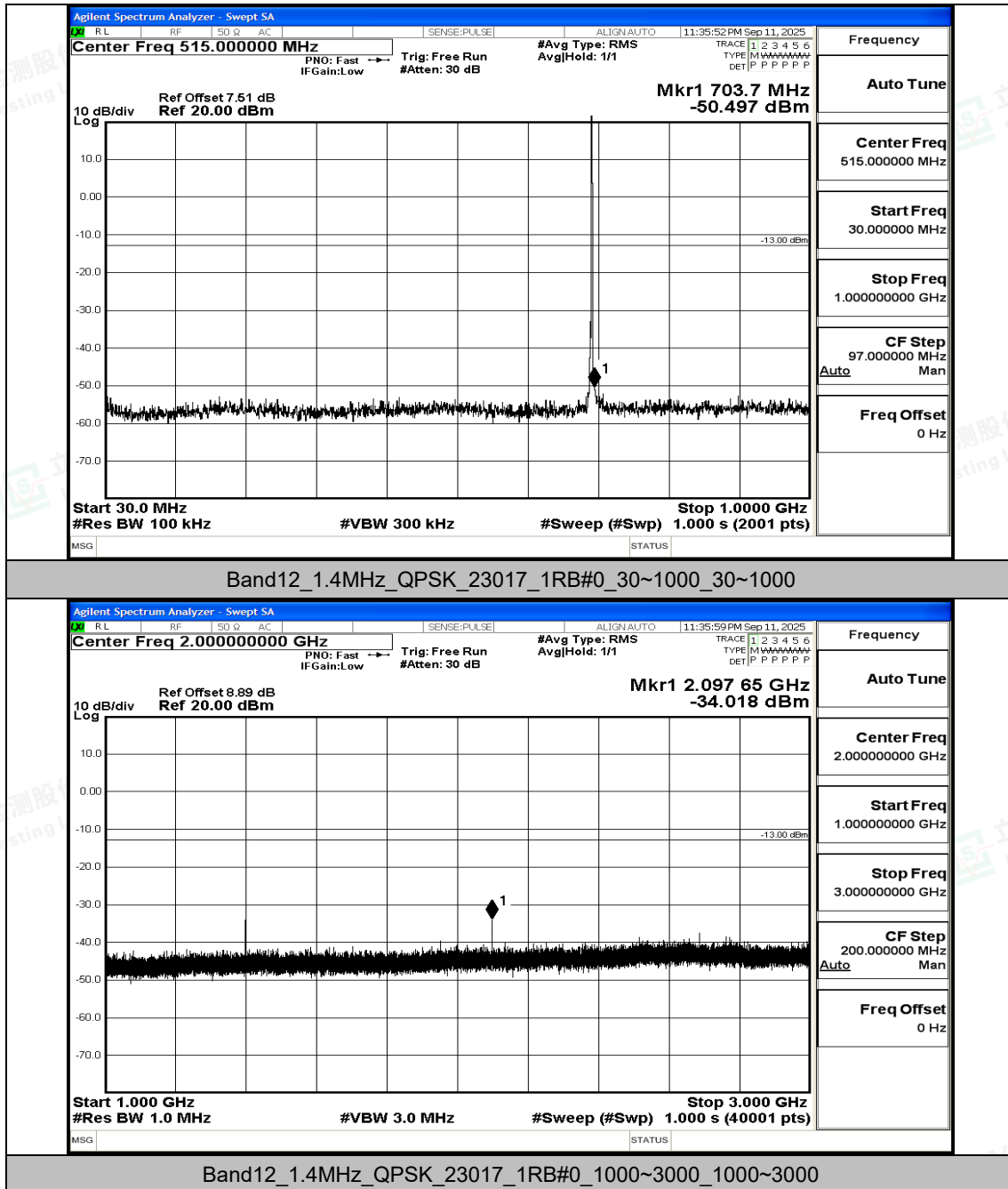


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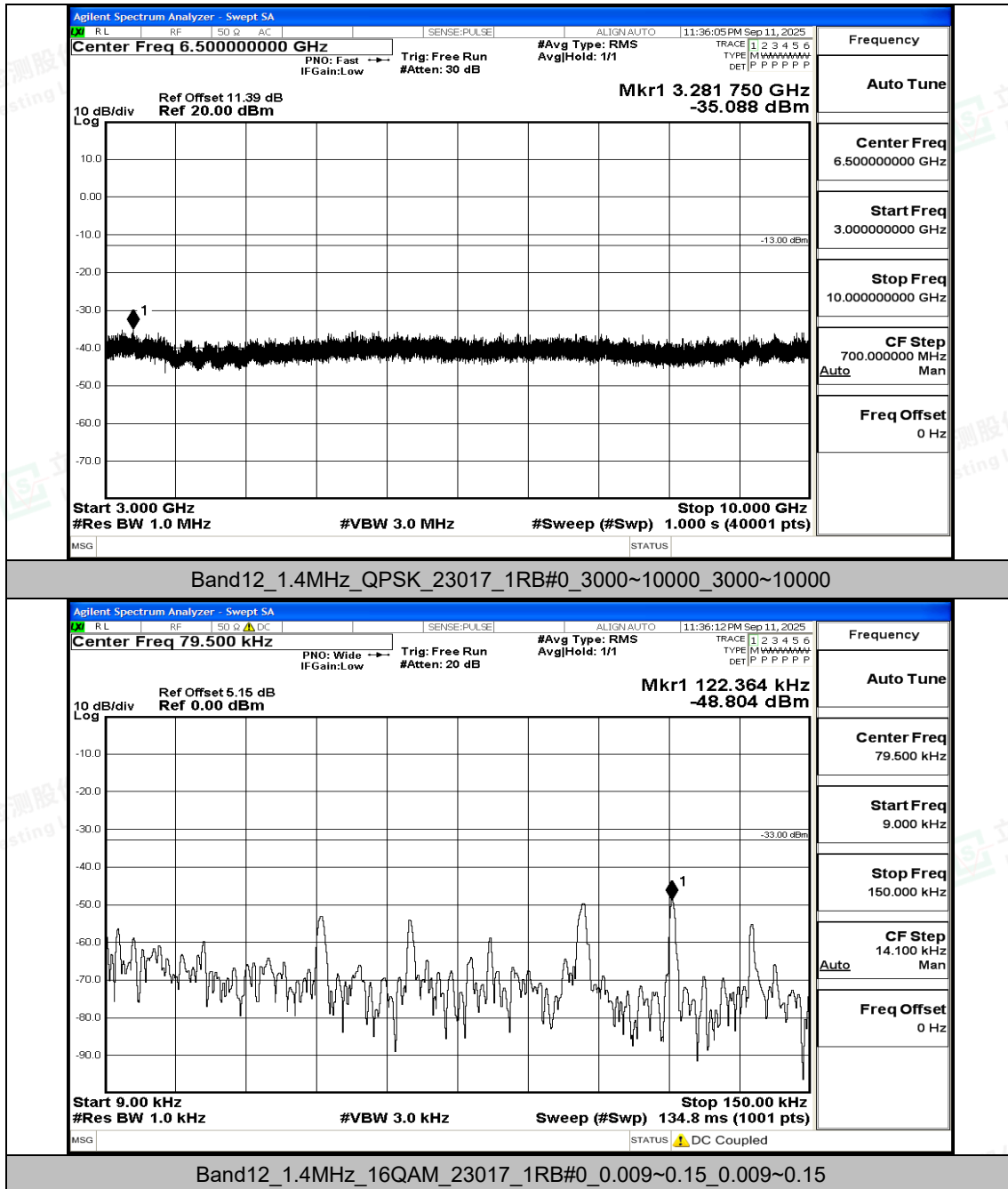


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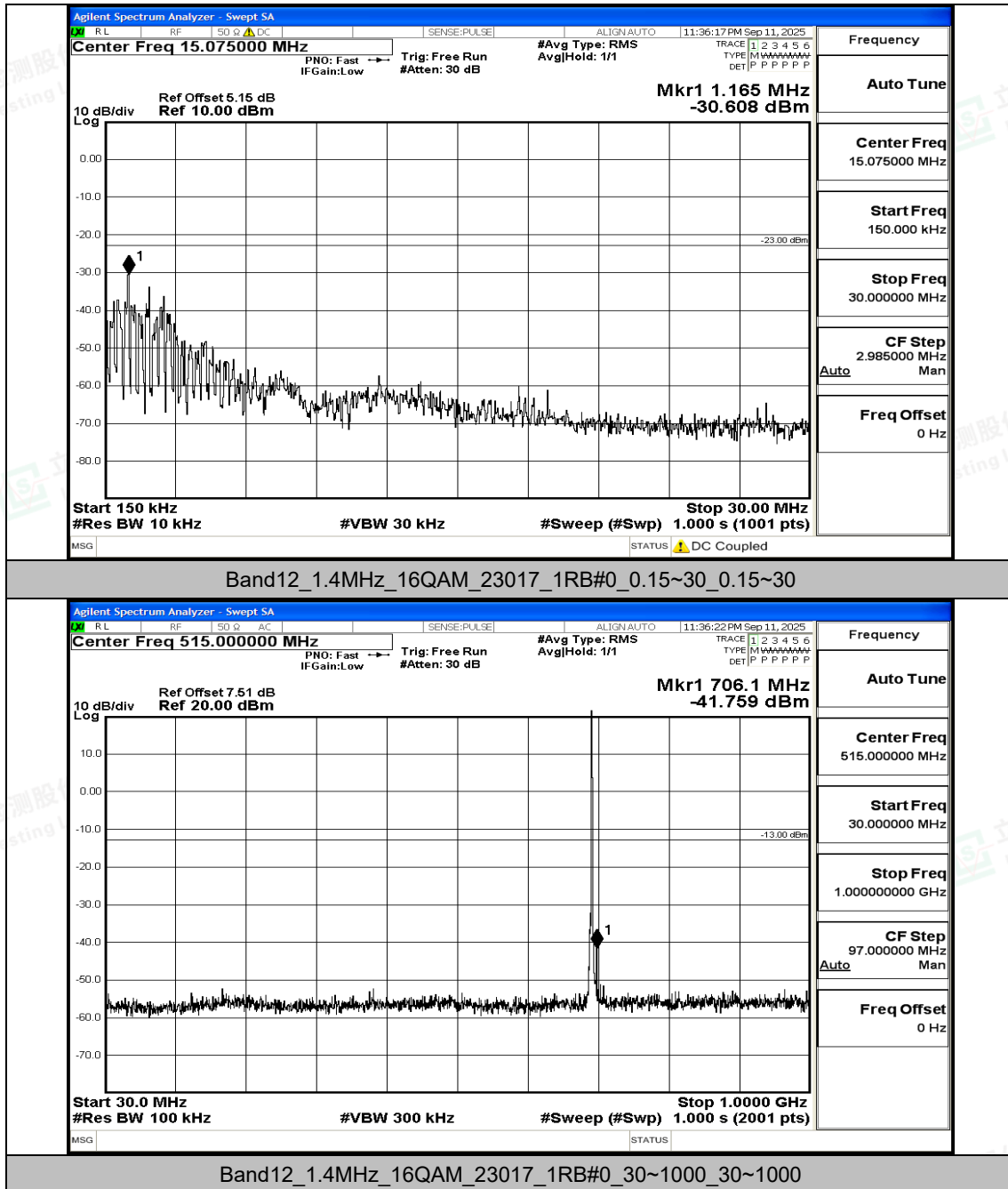


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