



Appendix D: Test Data for E-UTRA Band 12

Product Name: Pawfit Location and Activity Tracker (Pawfit Pet Tracker)
Test Model: TR3B

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Taylor Hu
Supervised by:	Ling Zhu





D.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.79	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.67	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.59	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.64	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.68	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.74	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.73	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.70	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.82	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.64	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	22.66	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.56	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.34	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.36	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.40	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.34	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.39	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.42	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.42	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.63	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.01	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.00	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.95	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.81	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.81	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.76	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.03	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.64	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.65	PASS



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Band12	1.4MHz	16QAM	23095	1RB#5	21.74	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.43	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	21.44	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.35	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.98	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.99	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.97	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.98	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.61	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.60	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.60	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.95	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.80	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.69	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.74	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.80	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.81	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.80	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.76	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.60	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.80	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.40	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.63	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.64	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.58	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.66	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.51	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.44	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.40	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.67	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.67	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.57	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.56	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.69	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.75	PASS



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Band12	3MHz	16QAM	23025	1RB#14	21.67	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.05	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.06	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.12	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.03	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.66	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.61	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.85	PASS
Band12	3MHz	16QAM	23095	8RB#0	20.97	PASS
Band12	3MHz	16QAM	23095	8RB#4	20.97	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.02	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.75	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.07	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.00	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.99	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.87	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.82	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.81	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.74	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.63	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.63	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.88	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.88	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.72	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.82	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.42	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.28	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.25	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.72	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.73	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.59	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.68	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.78	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.74	PASS



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Band12	5MHz	QPSK	23155	1RB#24	22.65	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.68	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.68	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.58	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.63	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.22	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.28	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.09	PASS
Band12	5MHz	16QAM	23035	12RB#0	20.95	PASS
Band12	5MHz	16QAM	23035	12RB#6	20.95	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.90	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.04	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.05	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.04	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.00	PASS
Band12	5MHz	16QAM	23095	12RB#0	20.93	PASS
Band12	5MHz	16QAM	23095	12RB#6	20.87	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.79	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.67	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.51	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.49	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.50	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.64	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.64	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.67	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.87	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.61	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.51	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.37	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.72	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.72	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.71	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.52	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.71	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.67	PASS



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Band12	10MHz	QPSK	23095	1RB#49	22.47	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.89	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.66	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.57	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.63	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.41	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.39	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.31	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.86	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.37	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.66	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.52	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.93	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.82	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.71	PASS
Band12	10MHz	16QAM	23060	25RB#0	20.93	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.93	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.75	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.97	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.71	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.66	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.06	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.07	PASS
Band12	10MHz	16QAM	23095	25RB#25	20.92	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.92	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.45	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.40	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.70	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.89	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.89	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.91	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.85	PASS



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D.2 Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.20	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.23	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.53	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.90	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.83	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.21	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.18	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.17	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.75	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.99	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.98	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.53	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.25	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.20	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.91	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.93	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.90	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.63	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.26	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.28	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.15	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.94	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.98	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.91	13	PASS



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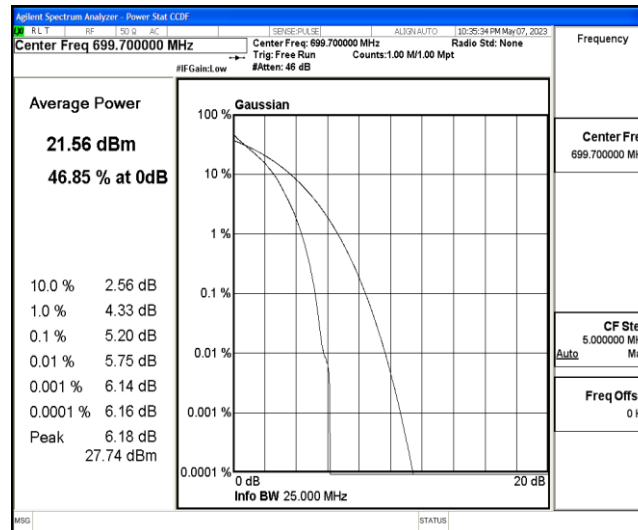
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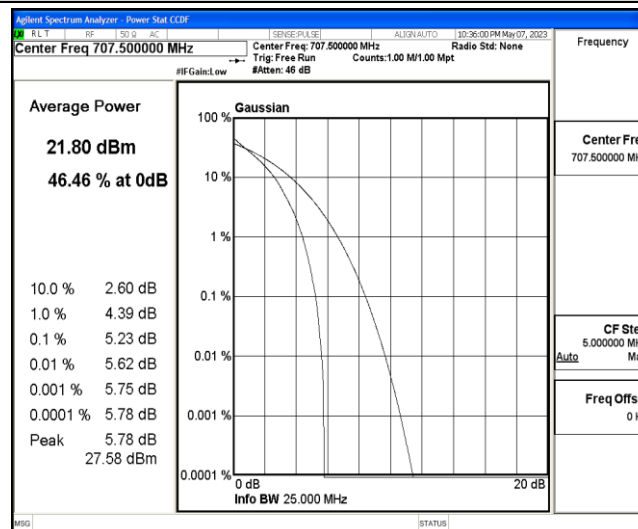


Test Graphs

Band12-1.4MHz-QPSK-23017-6RB#0



Band12-1.4MHz-QPSK-23095-6RB#0



Band12-1.4MHz-QPSK-23173-6RB#0

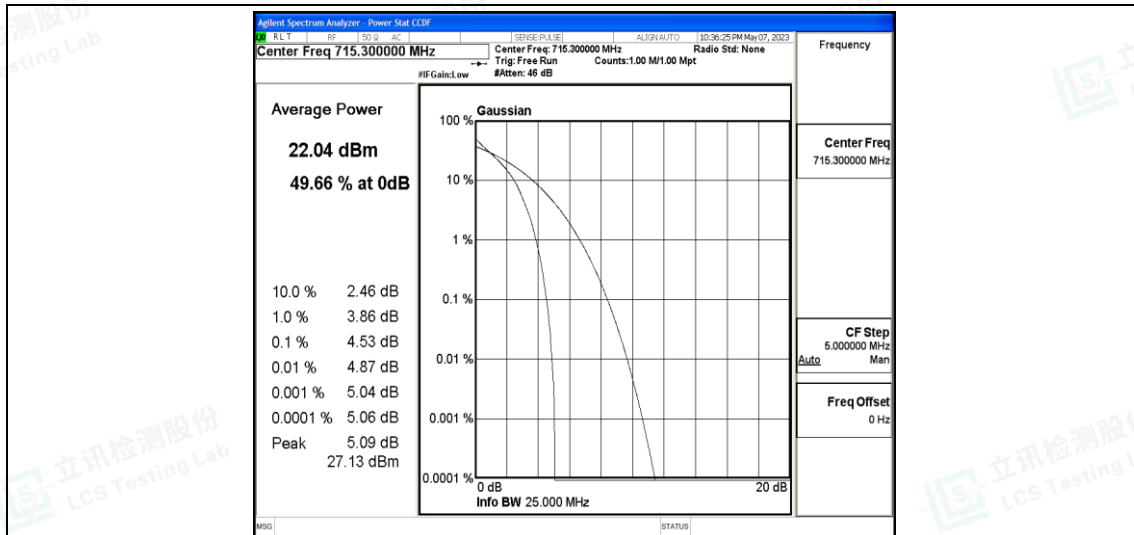


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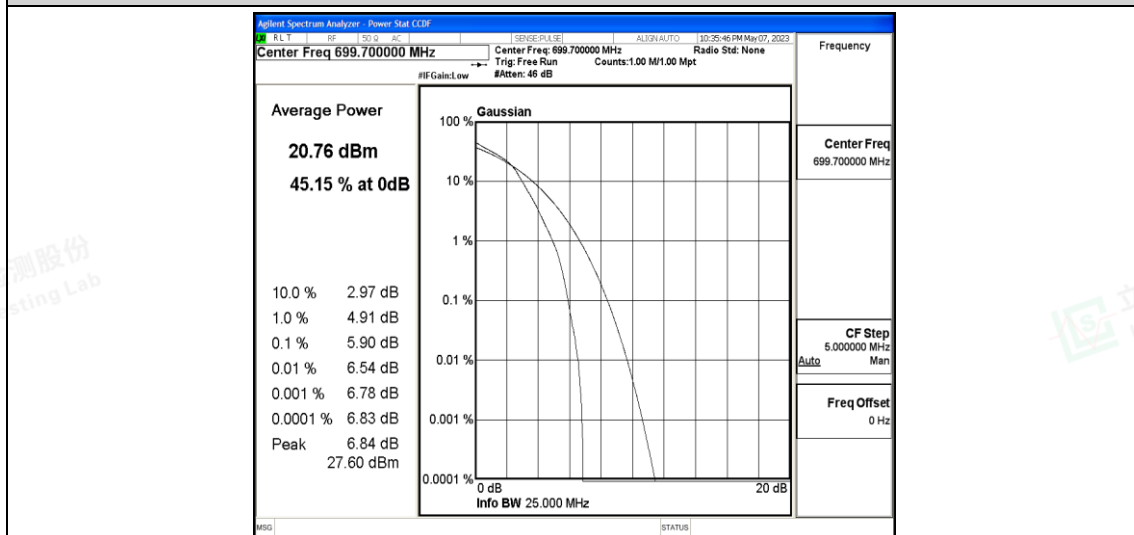
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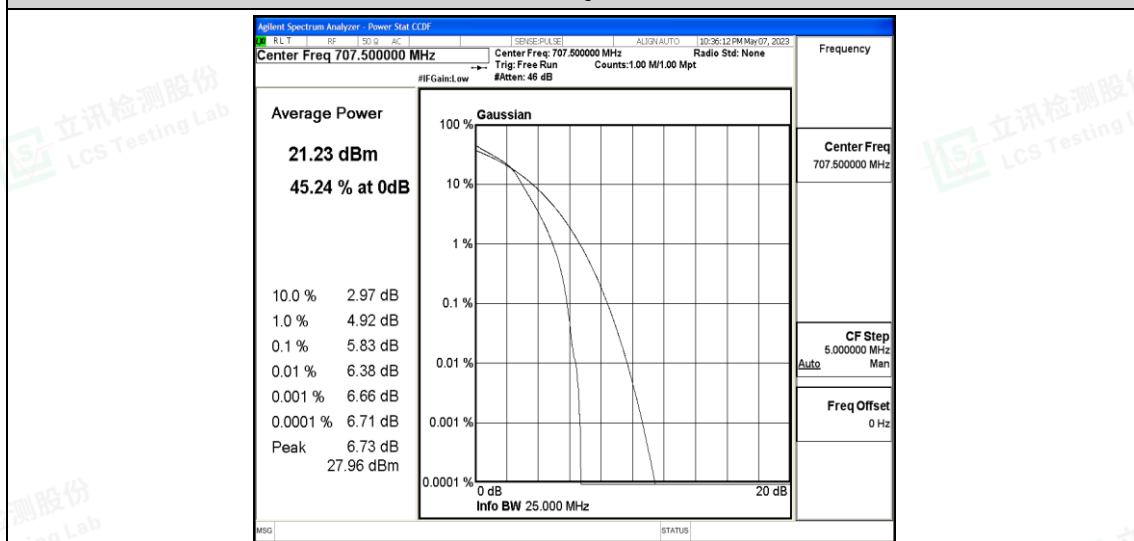
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Band12-1.4MHz-16QAM-23017-6RB#0



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



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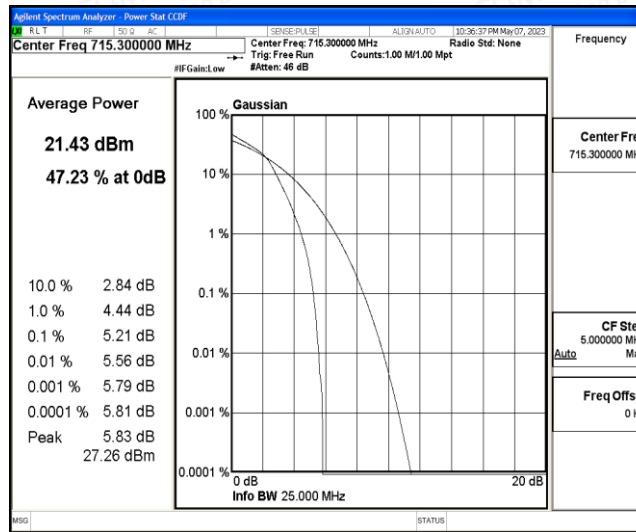
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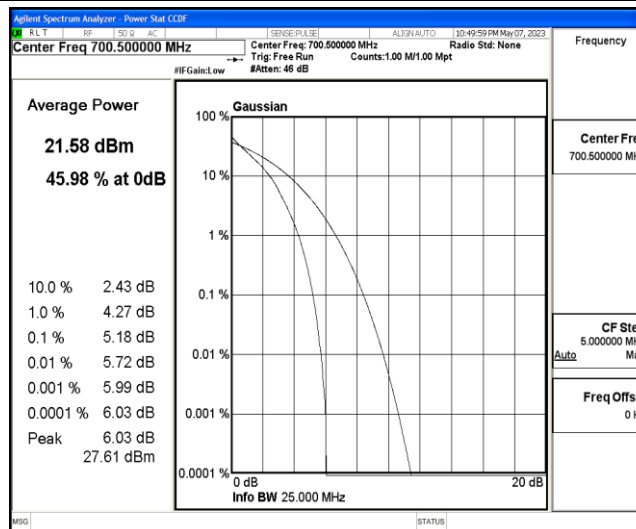
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Band12-1.4MHz-16QAM-23173-6RB#0



Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23095-15RB#0

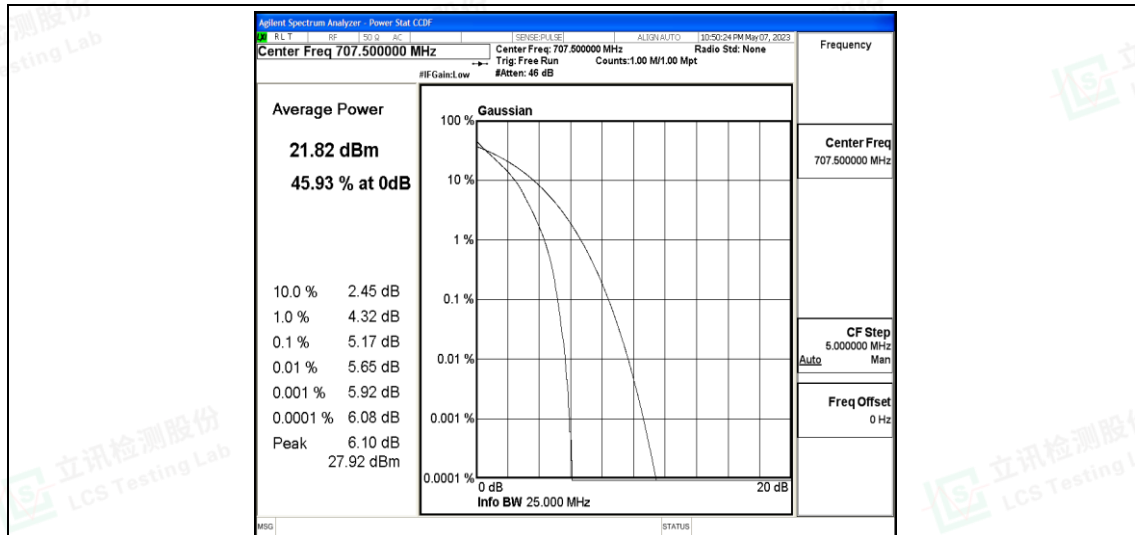


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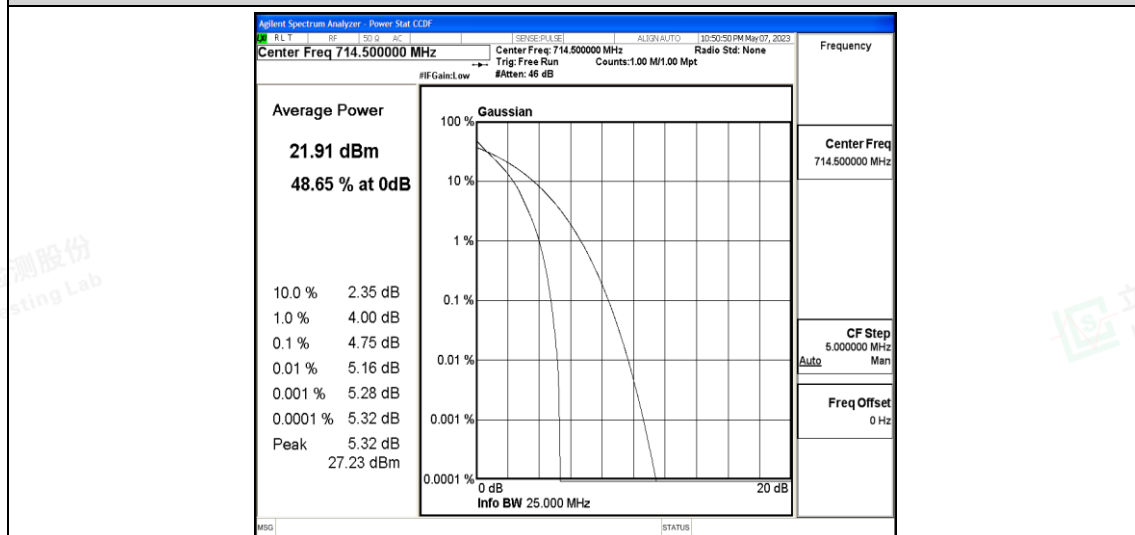
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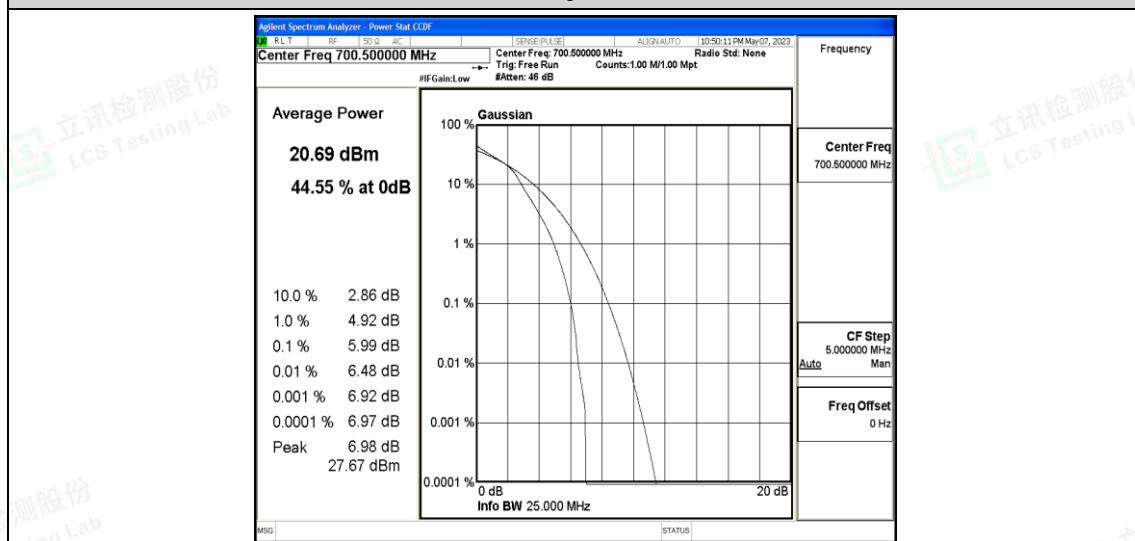
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Band12-3MHz-QPSK-23165-15RB#0



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



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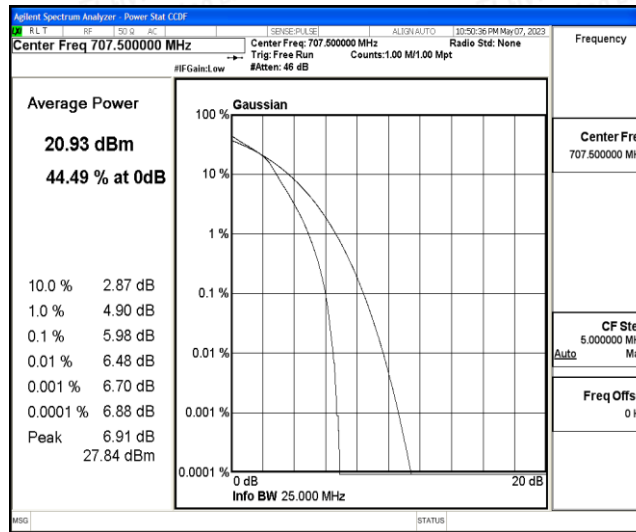
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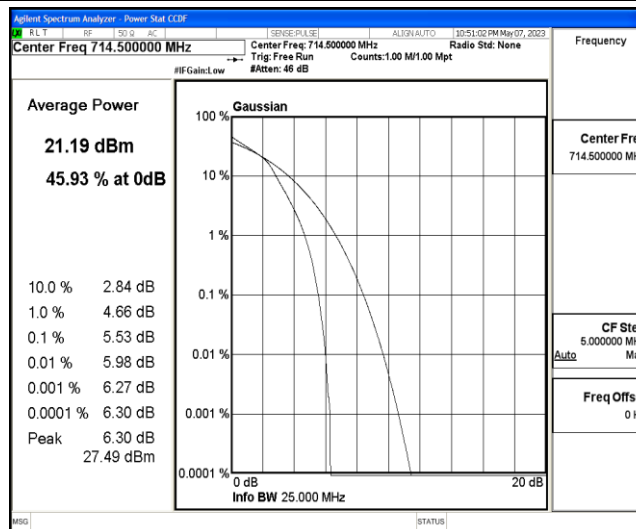
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Band12-3MHz-16QAM-23095-15RB#0



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



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

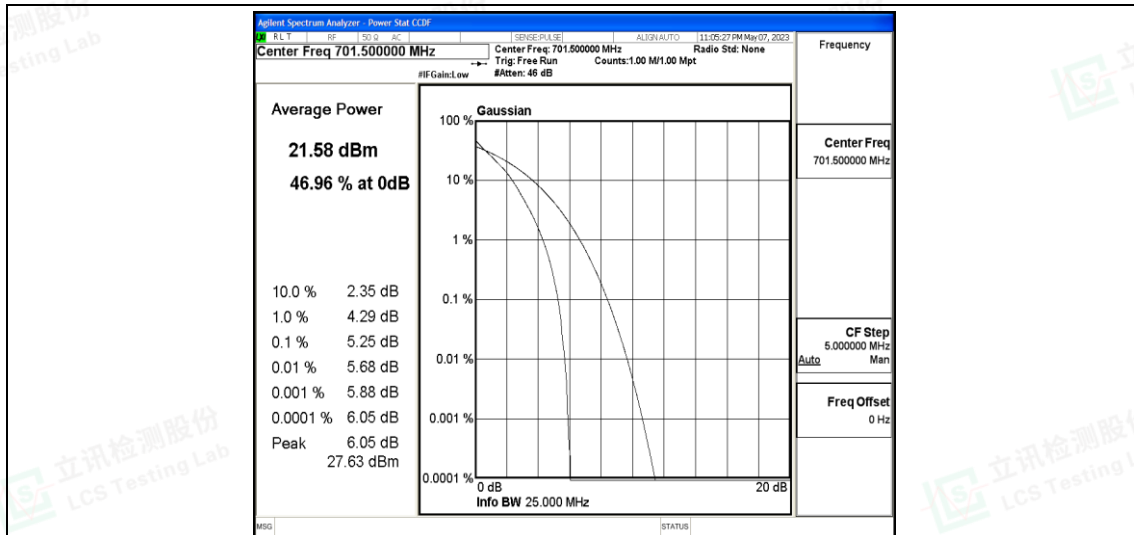


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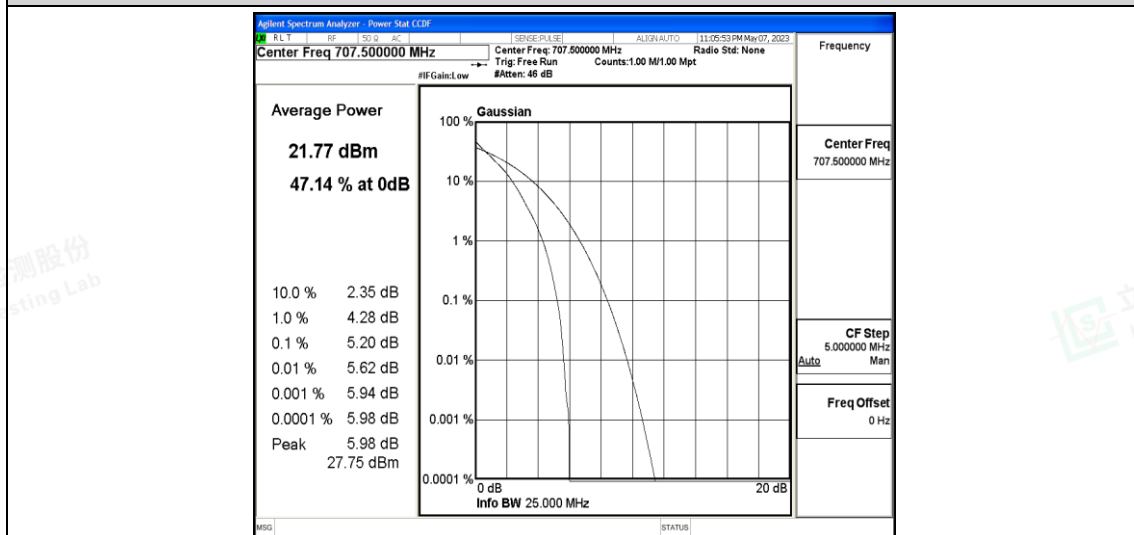
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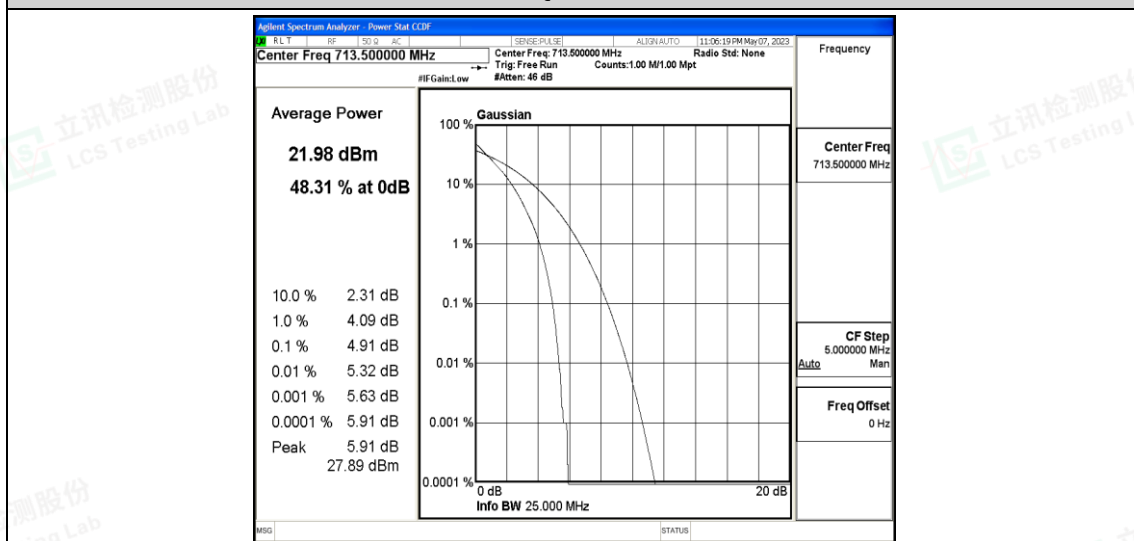
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Band12-5MHz-QPSK-23095-25RB#0



Band12-5MHz-QPSK-23155-25RB#0



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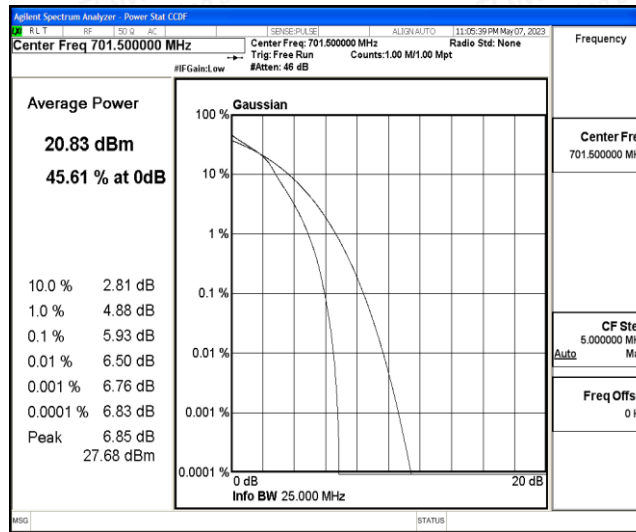
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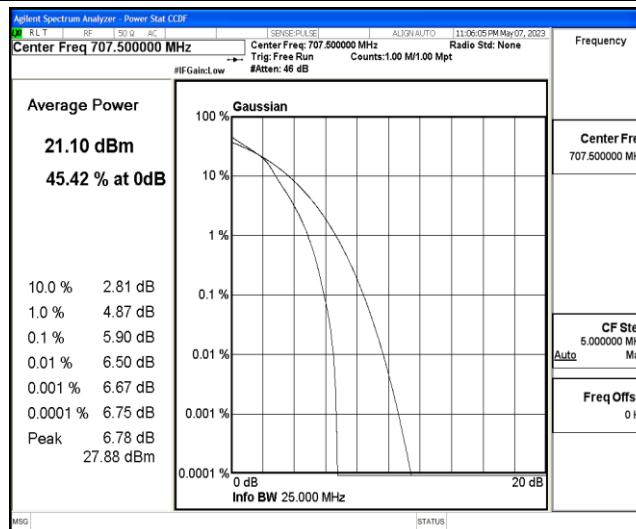
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Band12-5MHz-16QAM-23035-25RB#0



Band12-5MHz-16QAM-23095-25RB#0



Band12-5MHz-16QAM-23155-25RB#0

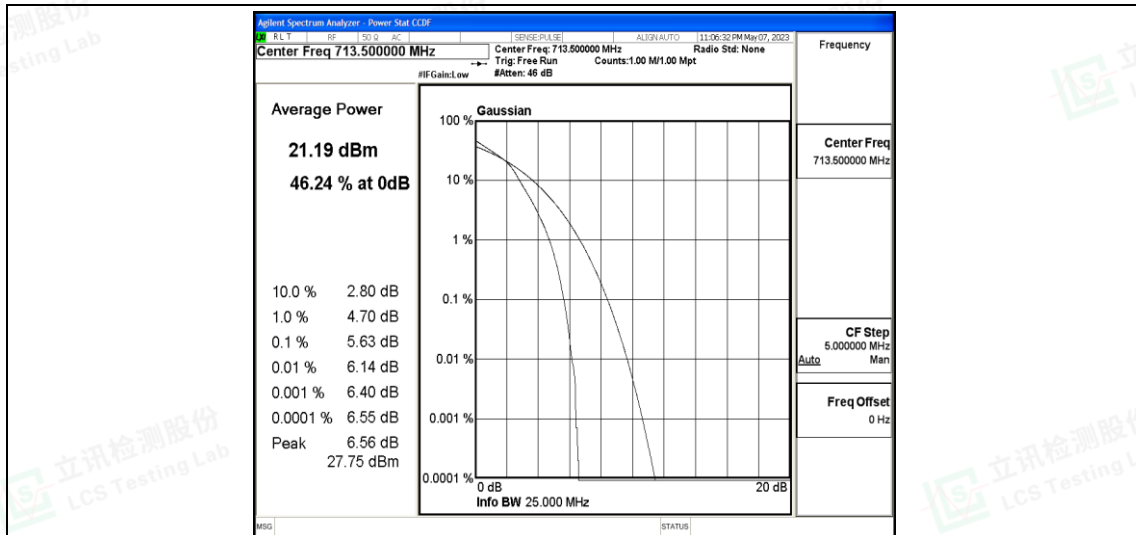


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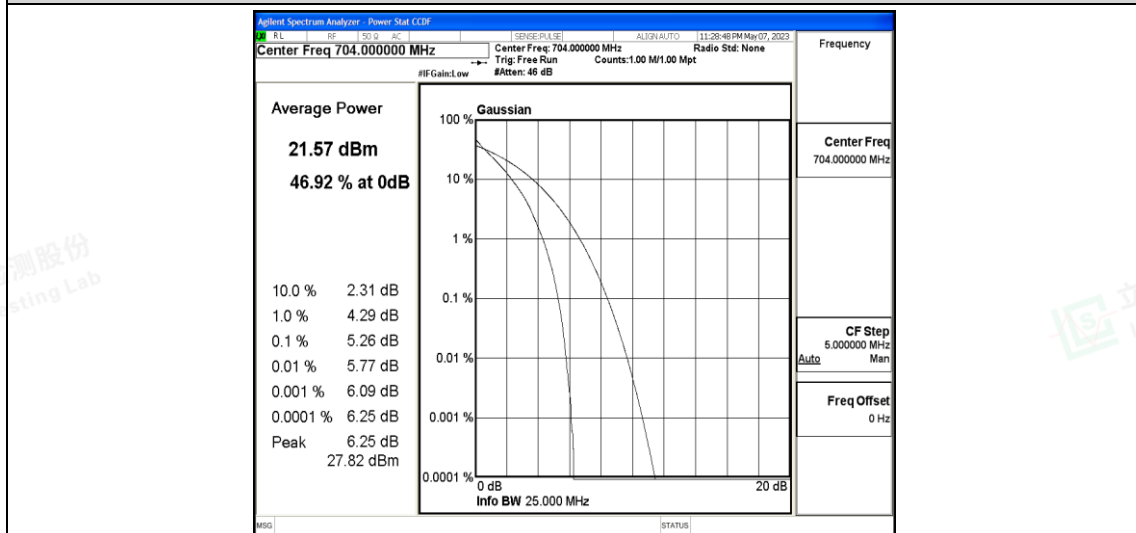
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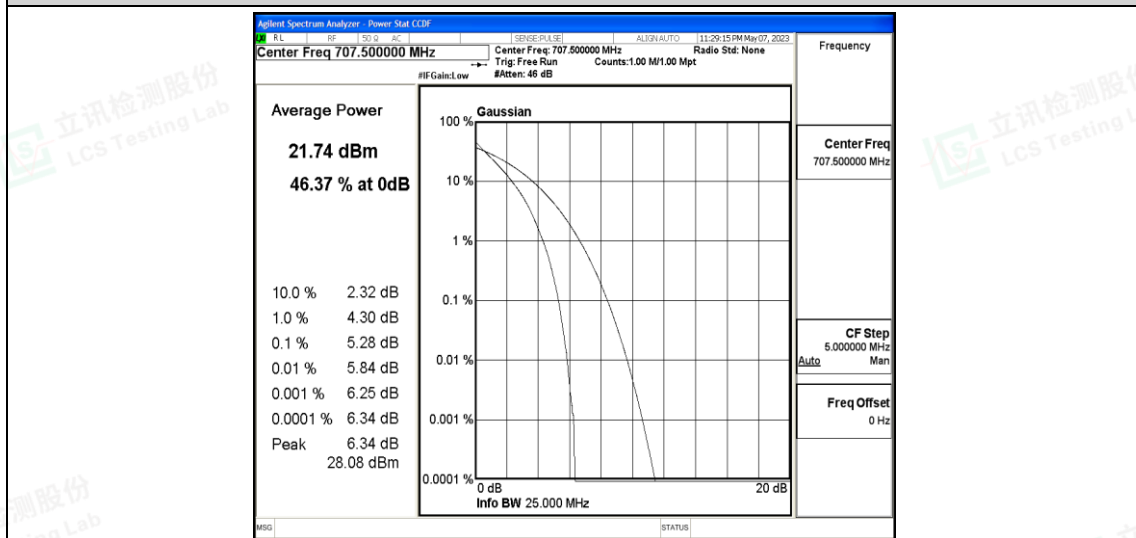
Scan code to check authenticity



Band12-10MHz-QPSK-23060-50RB#0



Band12-10MHz-QPSK-23095-50RB#0



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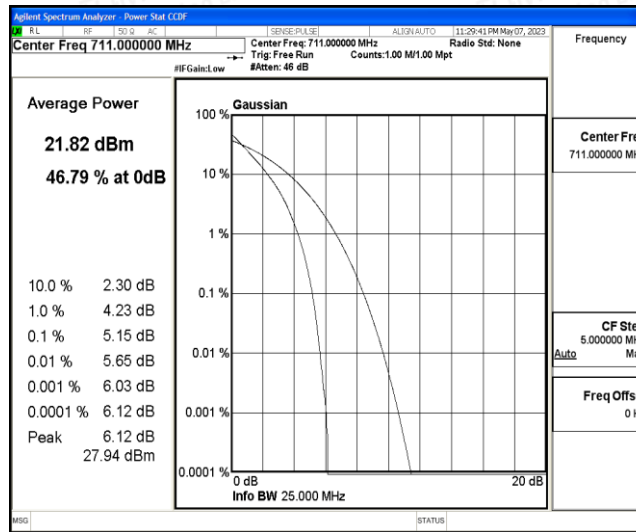
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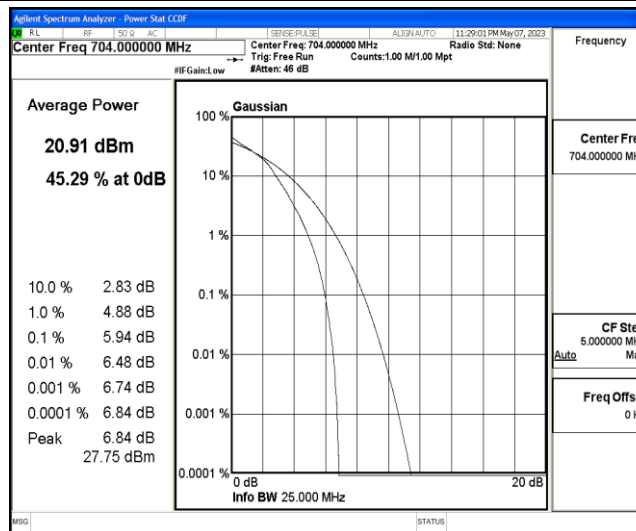
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Band12-10MHz-QPSK-23130-50RB#0



Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23095-50RB#0

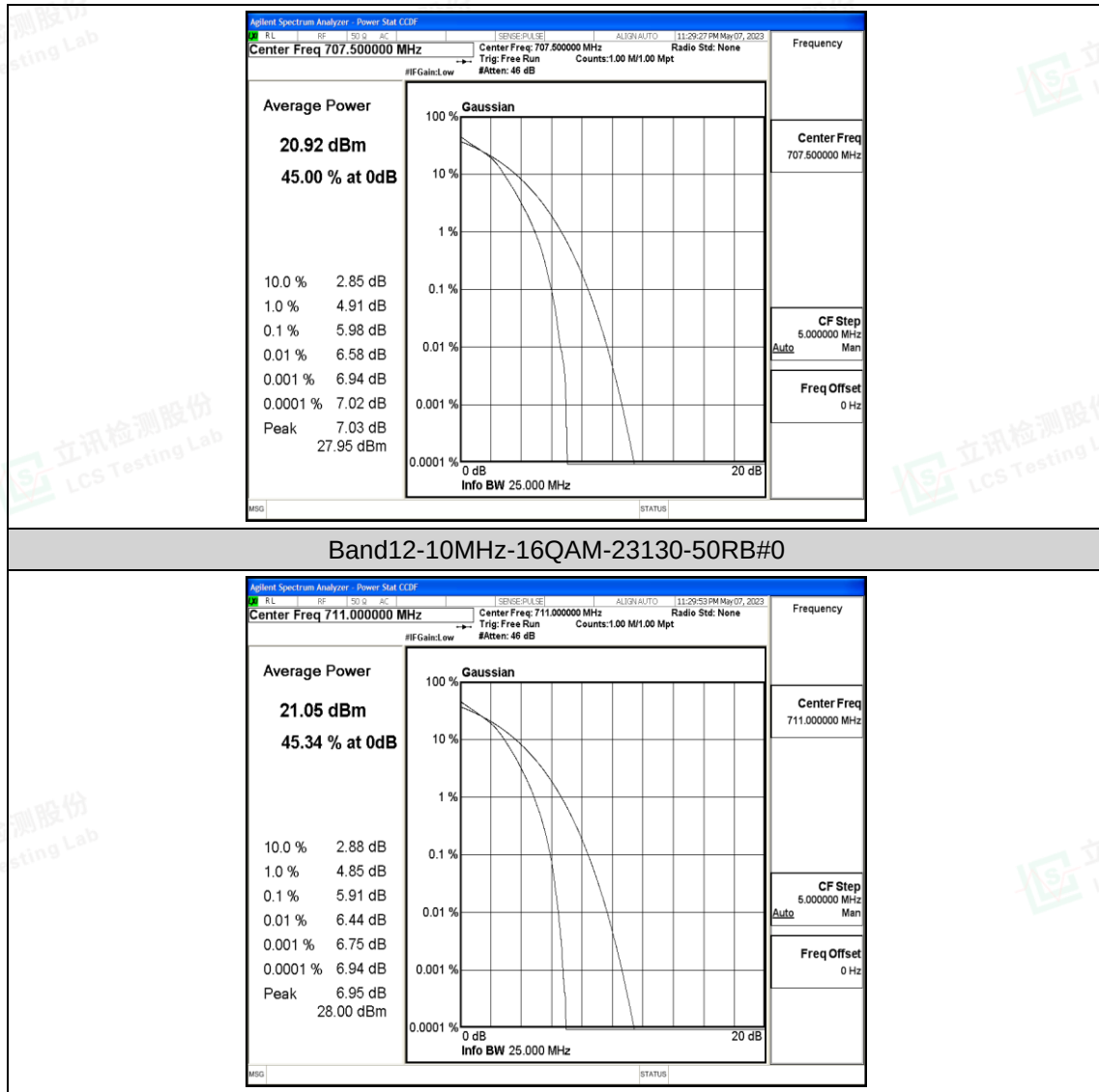


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D.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0980	1.283	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0960	1.296	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0998	1.332	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1113	1.285	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1010	1.351	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0955	1.373	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7178	3.128	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7170	3.133	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7099	3.163	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7077	3.118	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7168	3.221	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7043	3.133	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5406	5.333	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5174	5.432	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5115	5.178	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5241	5.271	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5497	5.394	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5383	5.438	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9947	10.13	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9980	10.20	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9736	10.09	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0043	10.09	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0058	10.41	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9899	10.07	PASS



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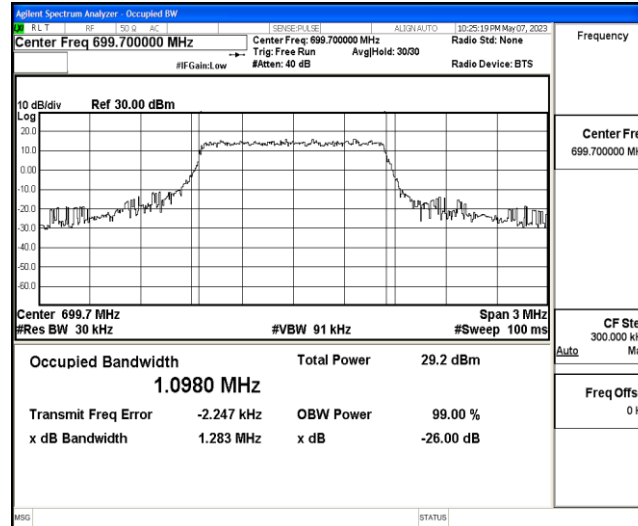
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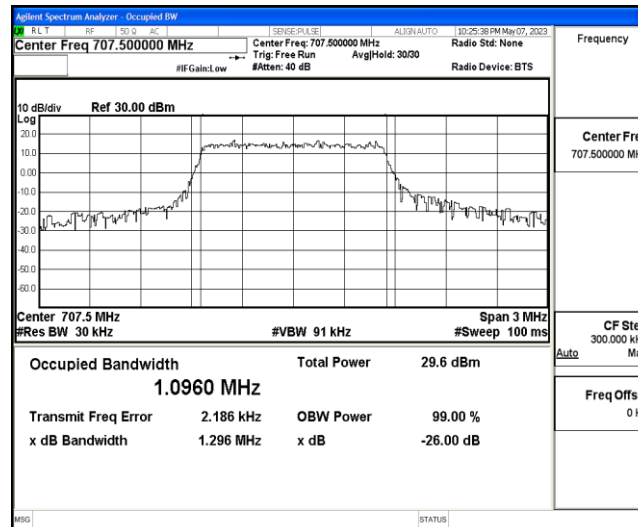


Test Graphs

Band12-1.4MHz-QPSK-23017-6RB#0



Band12-1.4MHz-QPSK-23095-6RB#0



Band12-1.4MHz-QPSK-23173-6RB#0

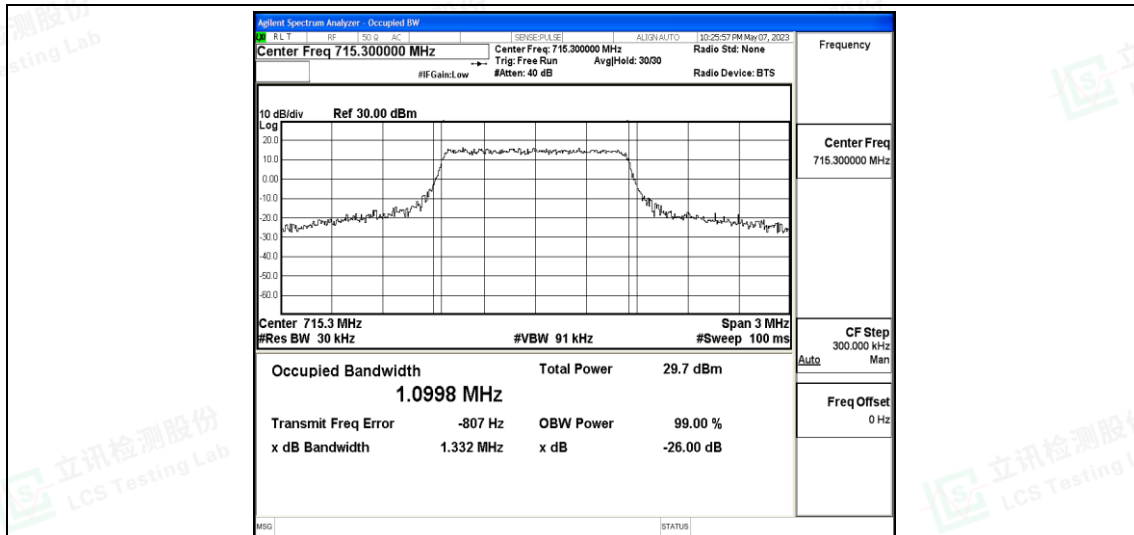


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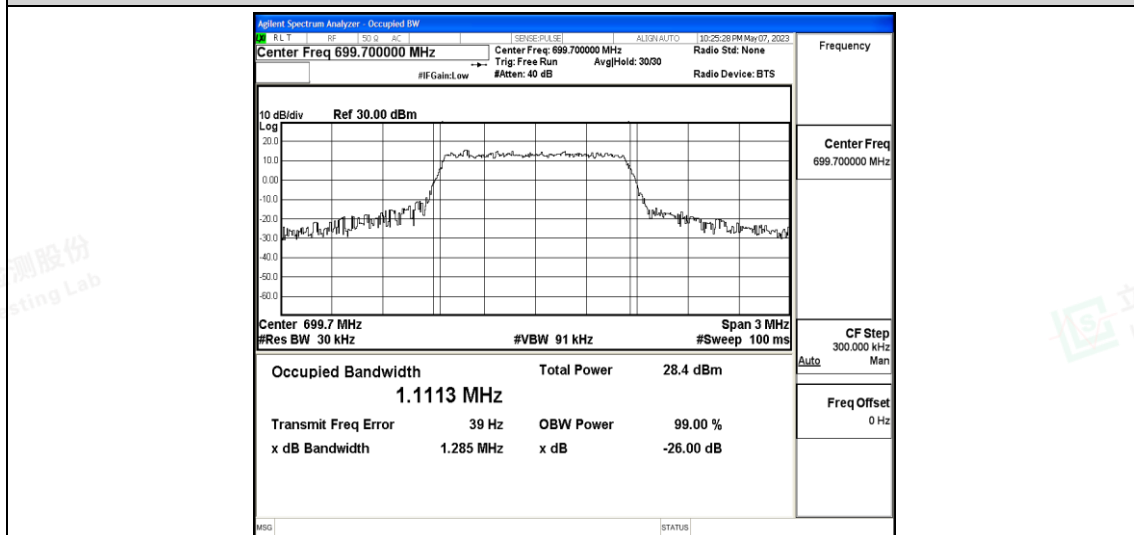
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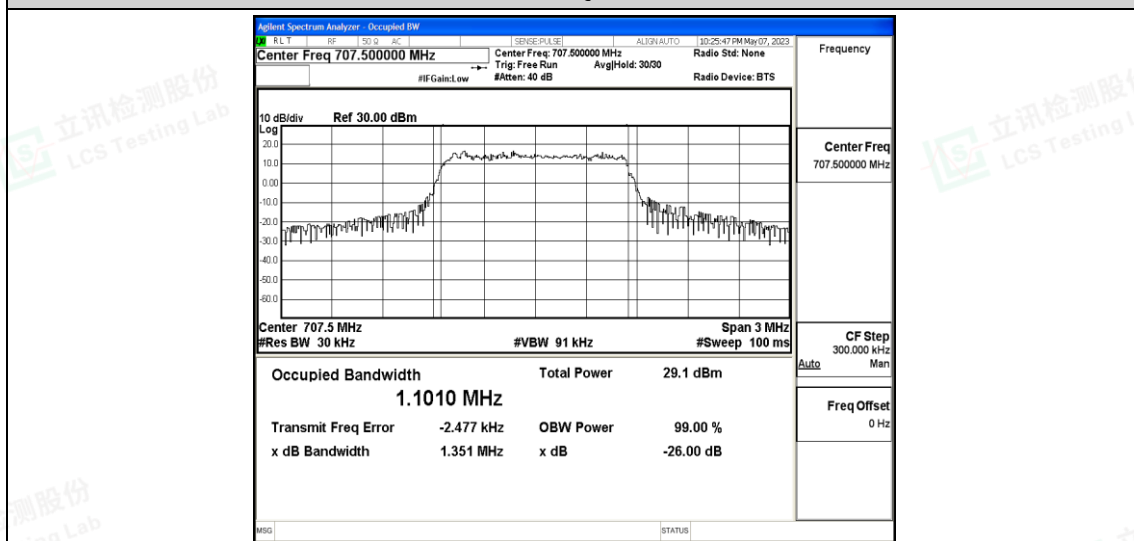
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Band12-1.4MHz-16QAM-23017-6RB#0



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



Shenzhen LCS Compliance Testing Laboratory Ltd.

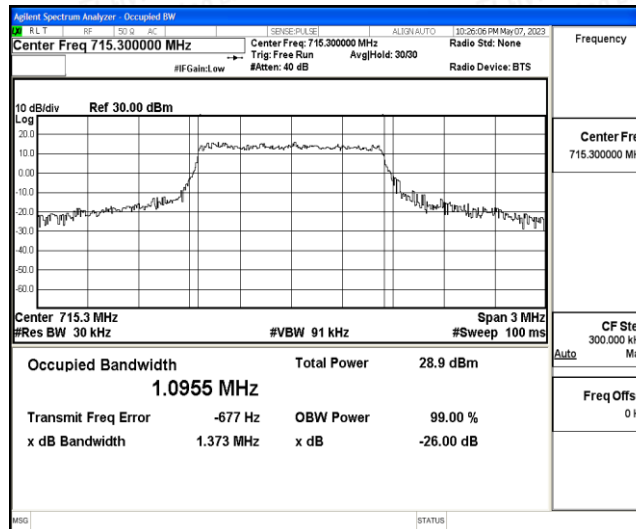
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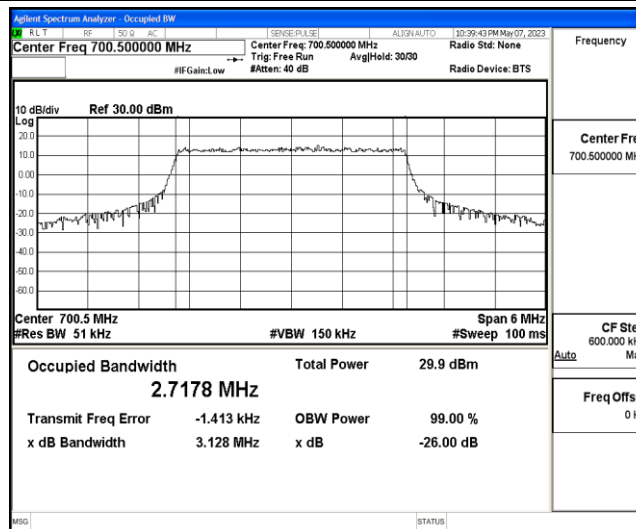
Scan code to check authenticity



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



Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23095-15RB#0

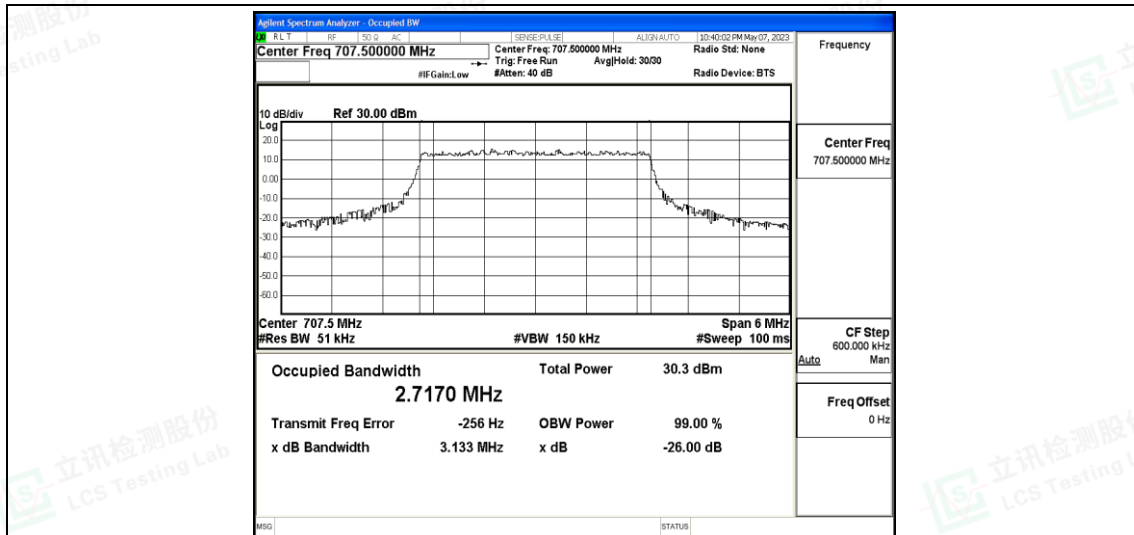


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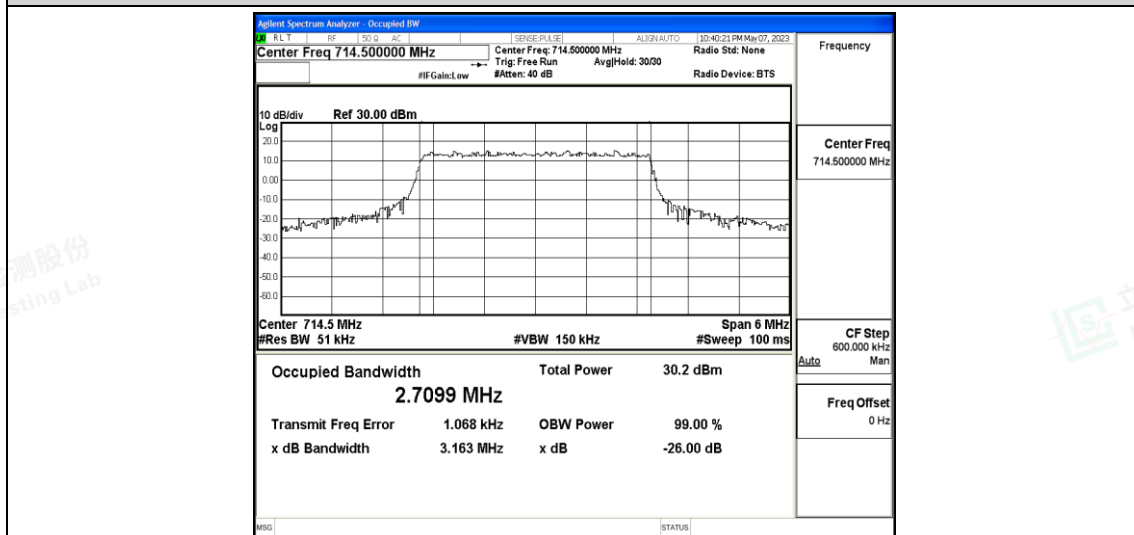
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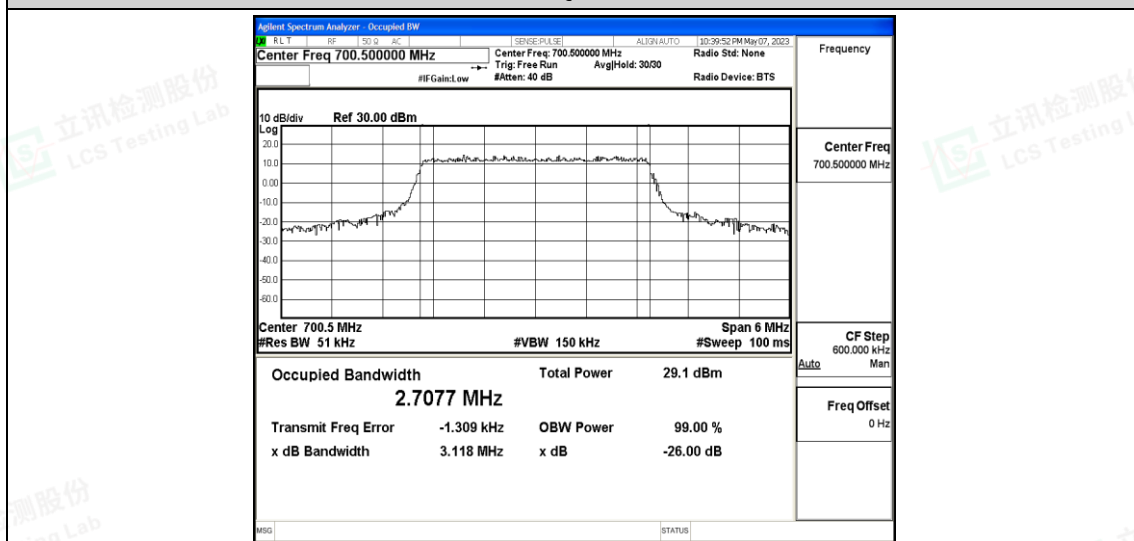
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Band12-3MHz-QPSK-23165-15RB#0



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



Shenzhen LCS Compliance Testing Laboratory Ltd.

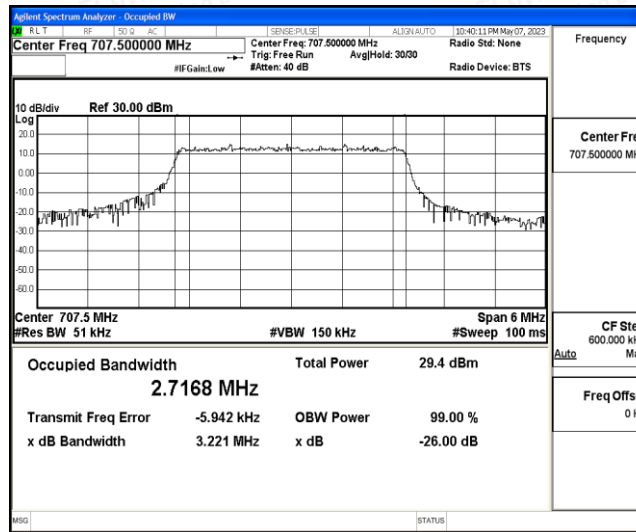
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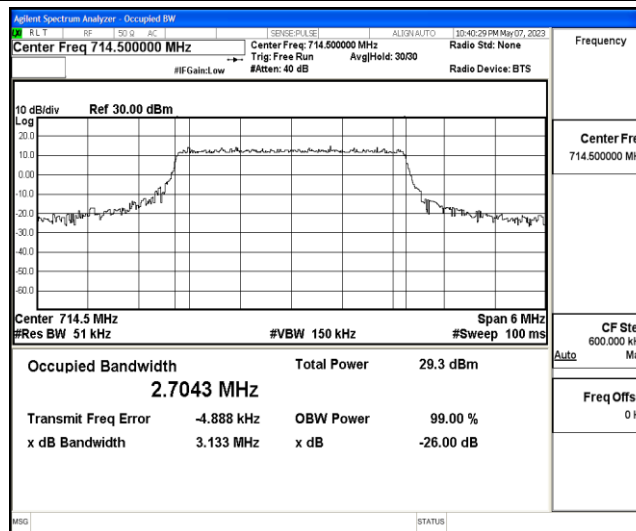
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Band12-3MHz-16QAM-23095-15RB#0



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



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

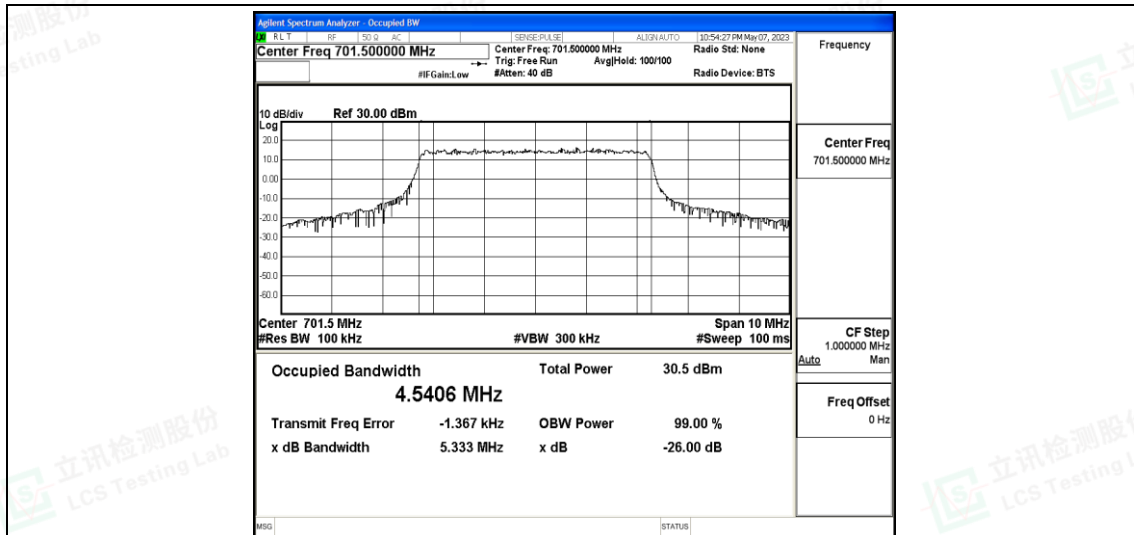


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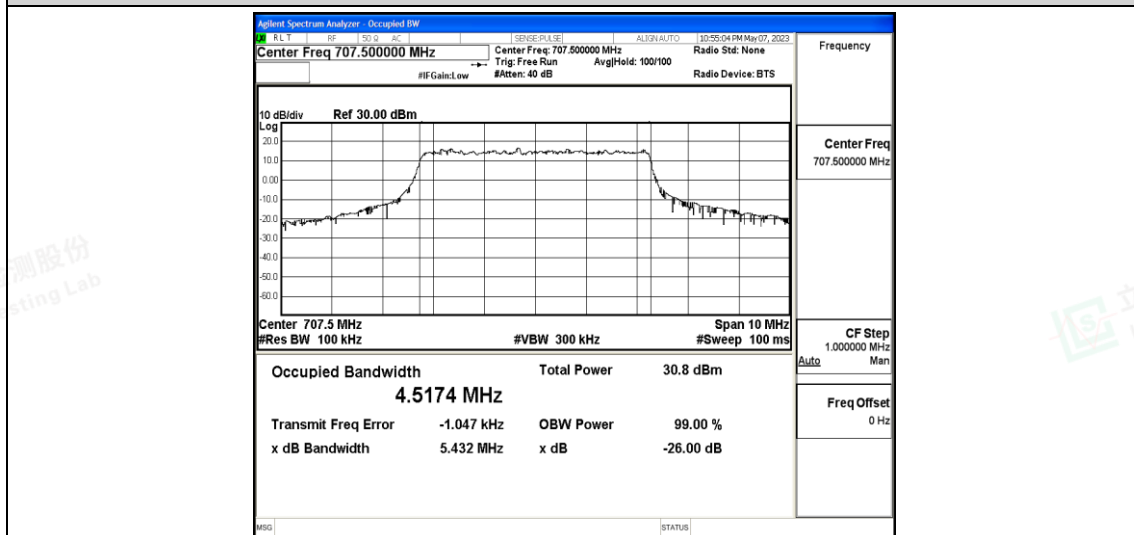
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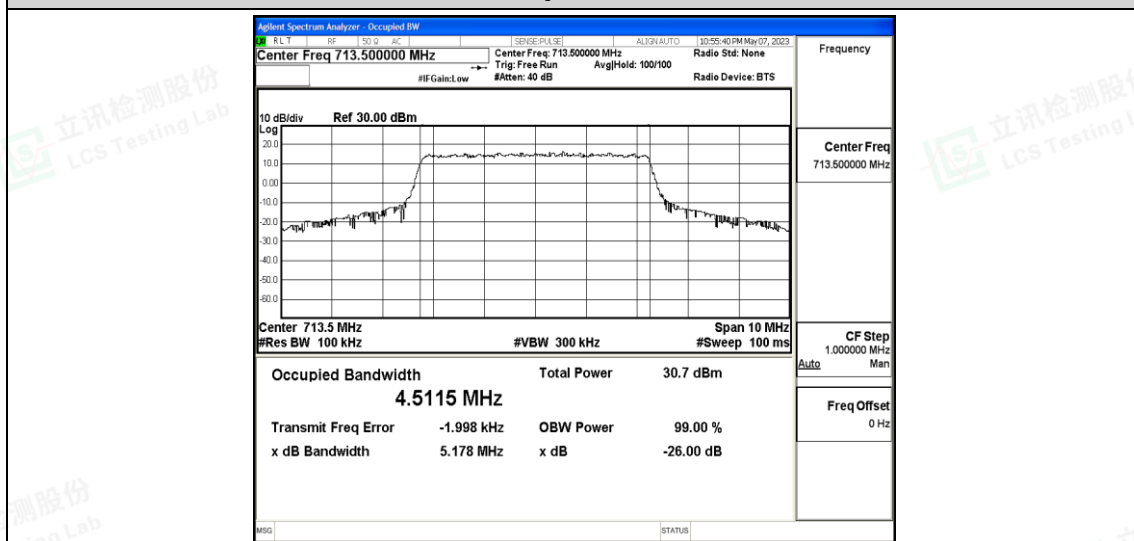
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Band12-5MHz-QPSK-23095-25RB#0



Band12-5MHz-QPSK-23155-25RB#0



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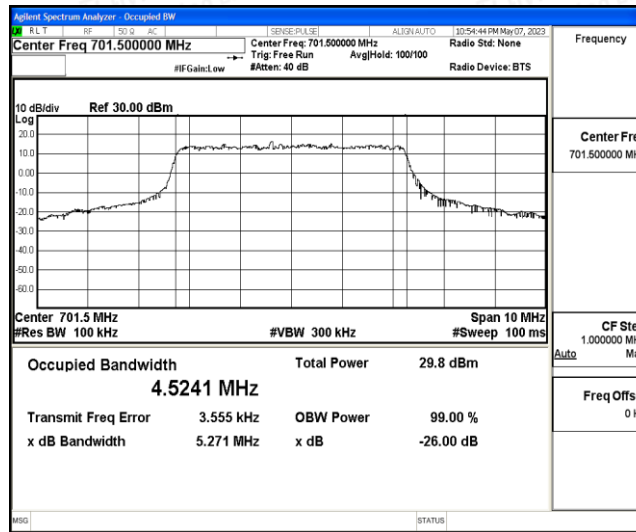
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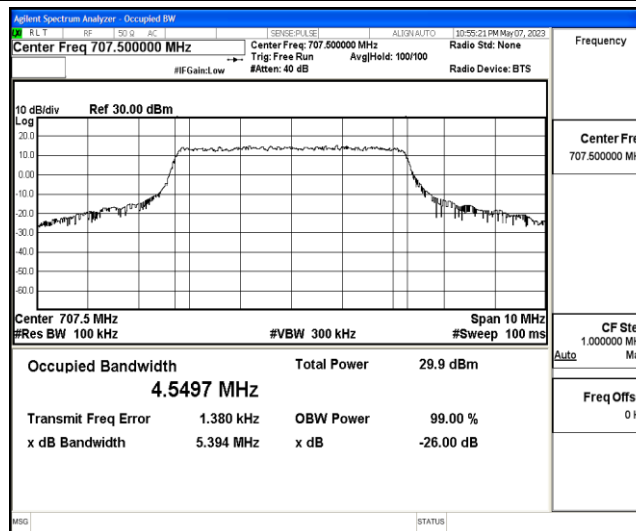
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Band12-5MHz-16QAM-23035-25RB#0



Band12-5MHz-16QAM-23095-25RB#0



Band12-5MHz-16QAM-23155-25RB#0

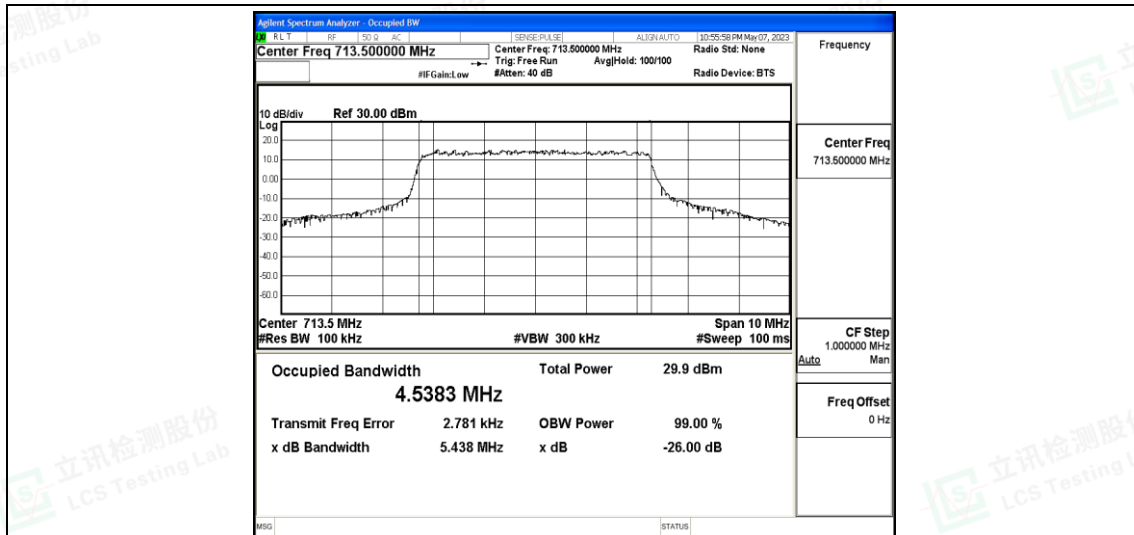


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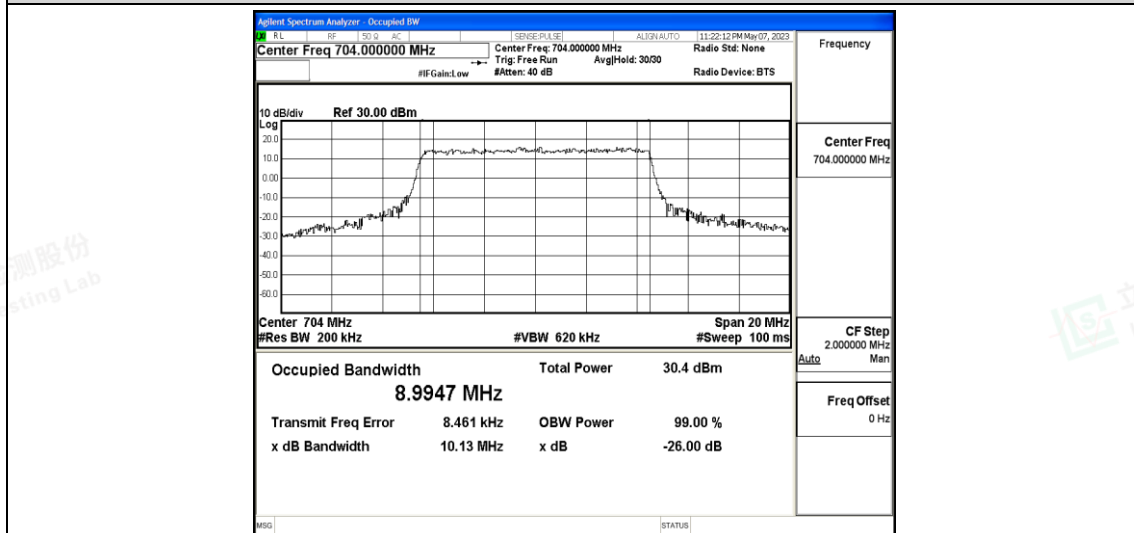
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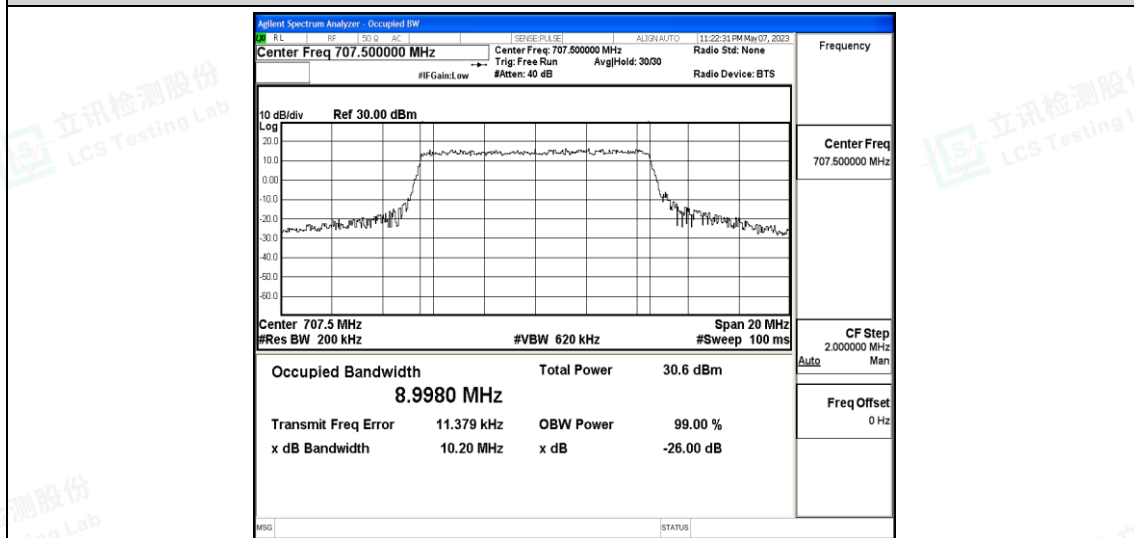
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Band12-10MHz-QPSK-23060-50RB#0



Band12-10MHz-QPSK-23095-50RB#0



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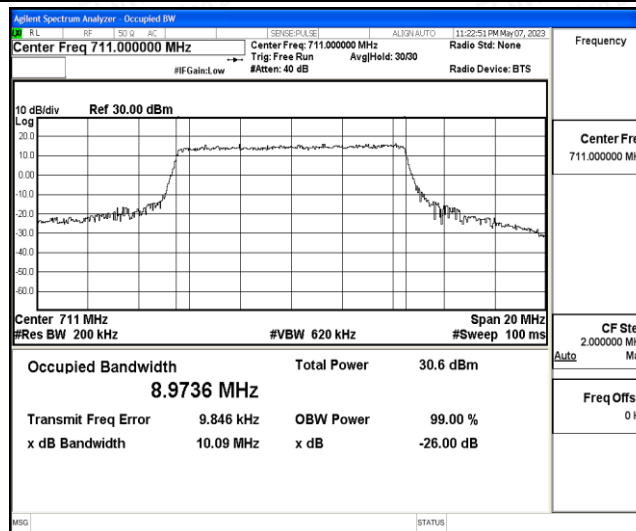
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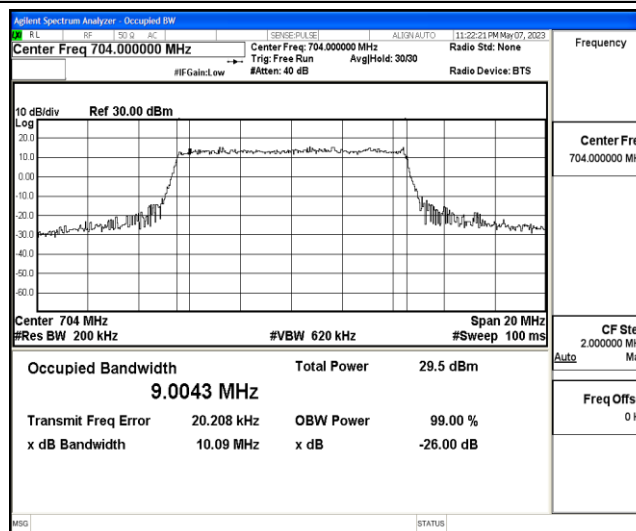
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Band12-10MHz-QPSK-23130-50RB#0



Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23095-50RB#0

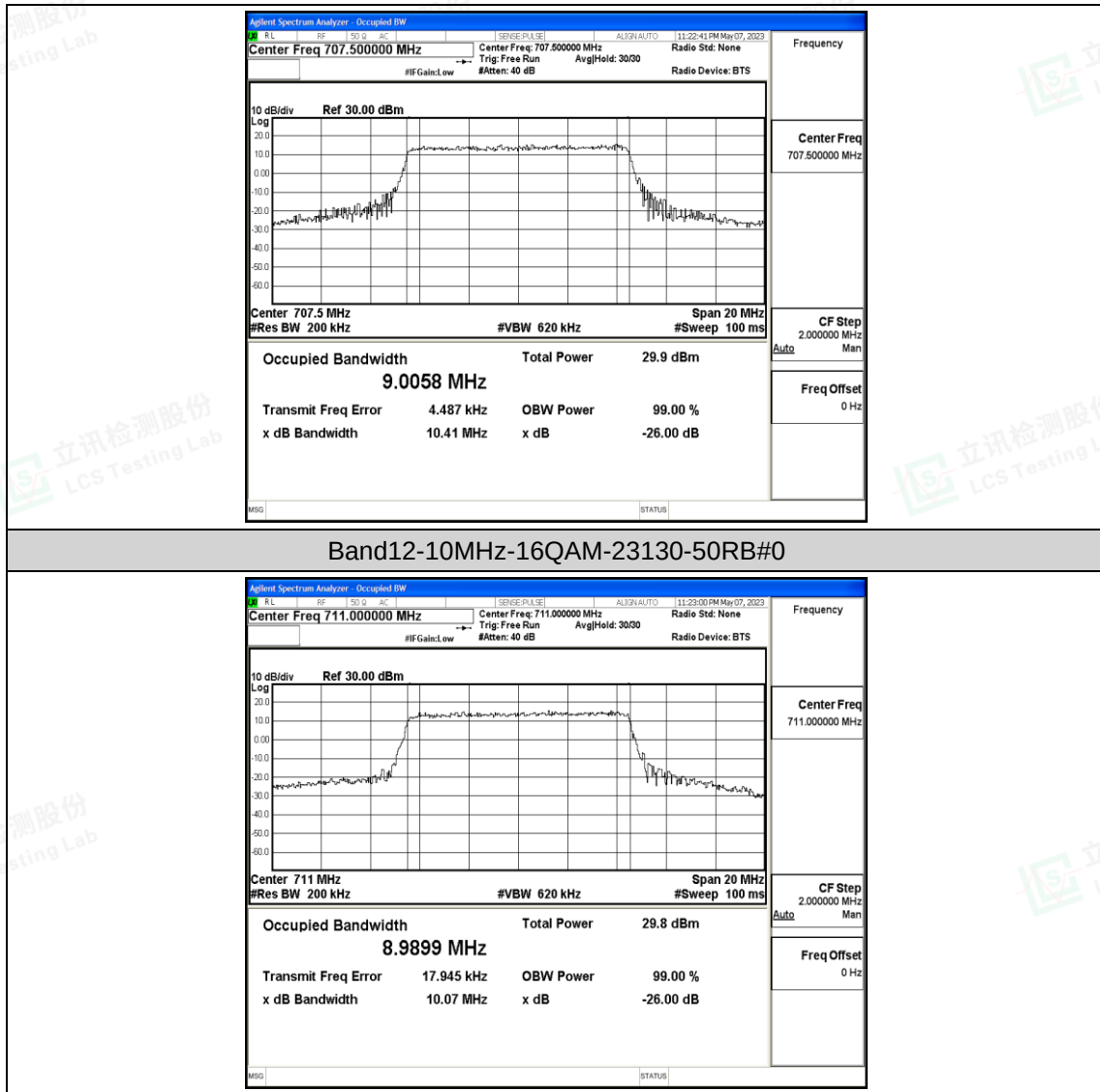


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D.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-29.80,-28.94	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-24.33,-26.62	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-32.35,-30.49	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-25.80,-26.94	PASS
Band12	3MHz	QPSK	23025	15RB#0	-31.19,-22.61	PASS
Band12	3MHz	QPSK	23165	15RB#0	-22.22,-28.68	PASS
Band12	3MHz	16QAM	23025	15RB#0	-30.80,-22.98	PASS
Band12	3MHz	16QAM	23165	15RB#0	-23.19,-30.06	PASS
Band12	5MHz	QPSK	23035	25RB#0	-26.09	PASS
Band12	5MHz	QPSK	23155	25RB#0	-26.13	PASS
Band12	5MHz	16QAM	23035	25RB#0	-27.03	PASS
Band12	5MHz	16QAM	23155	25RB#0	-25.87	PASS
Band12	10MHz	QPSK	23060	50RB#0	-31.39,-29.27	PASS
Band12	10MHz	QPSK	23130	50RB#0	-28.09,-30.72	PASS
Band12	10MHz	16QAM	23060	50RB#0	-31.70,-30.36	PASS
Band12	10MHz	16QAM	23130	50RB#0	-29.47,-31.87	PASS



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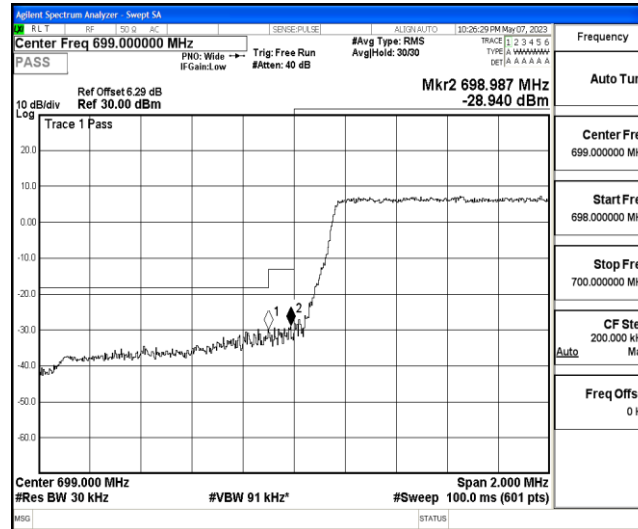
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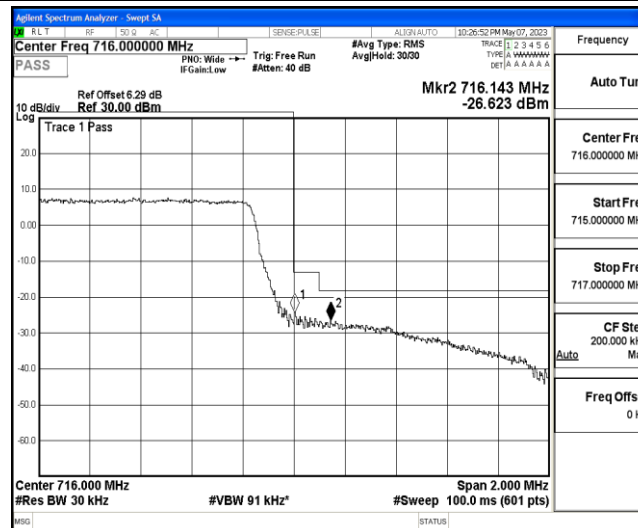


Test Graphs

Band12-1.4MHz-QPSK-23017-6RB#0



Band12-1.4MHz-QPSK-23173-6RB#0



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

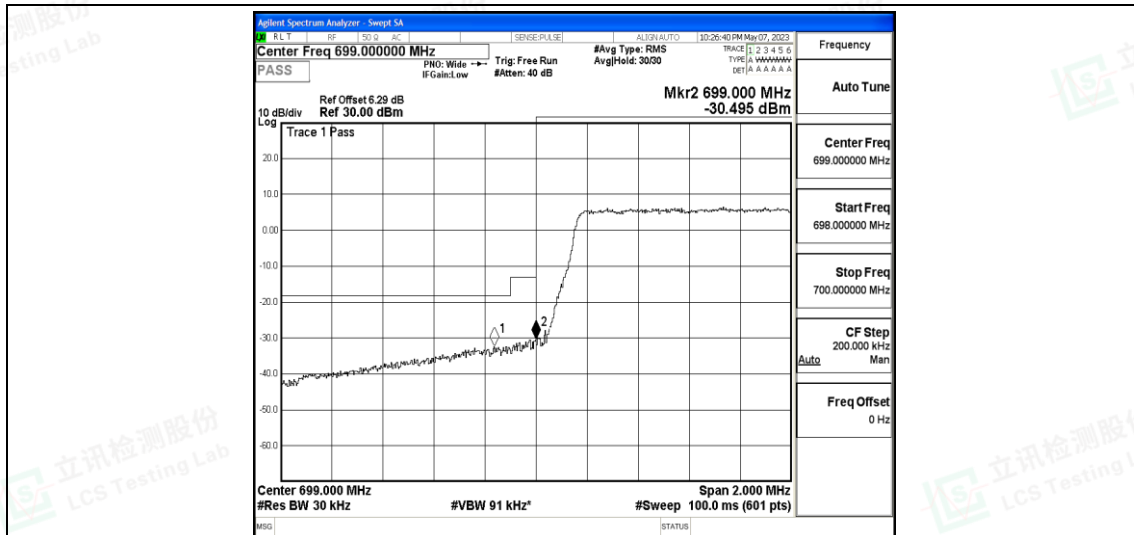


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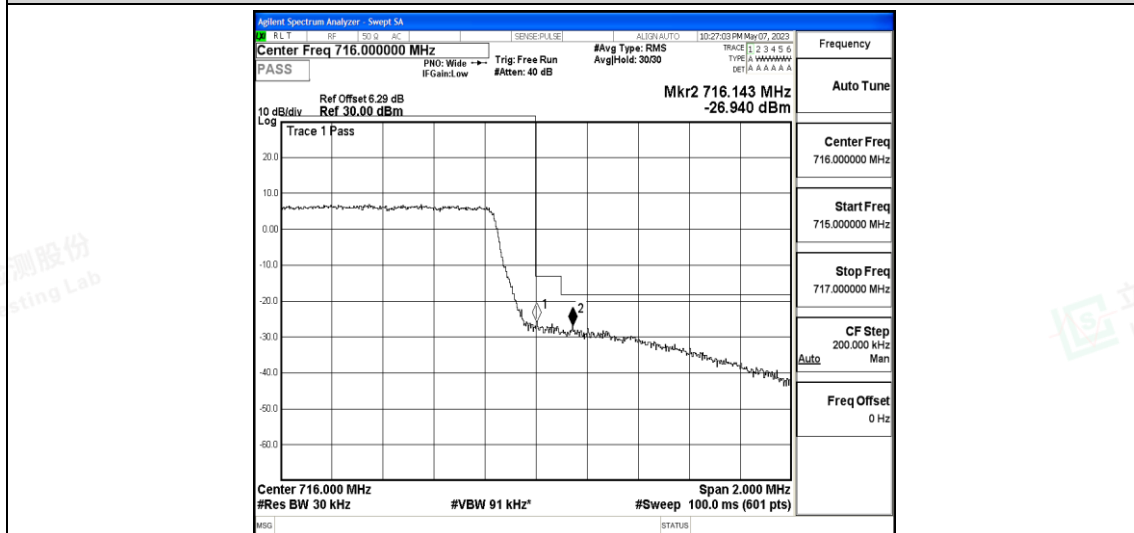
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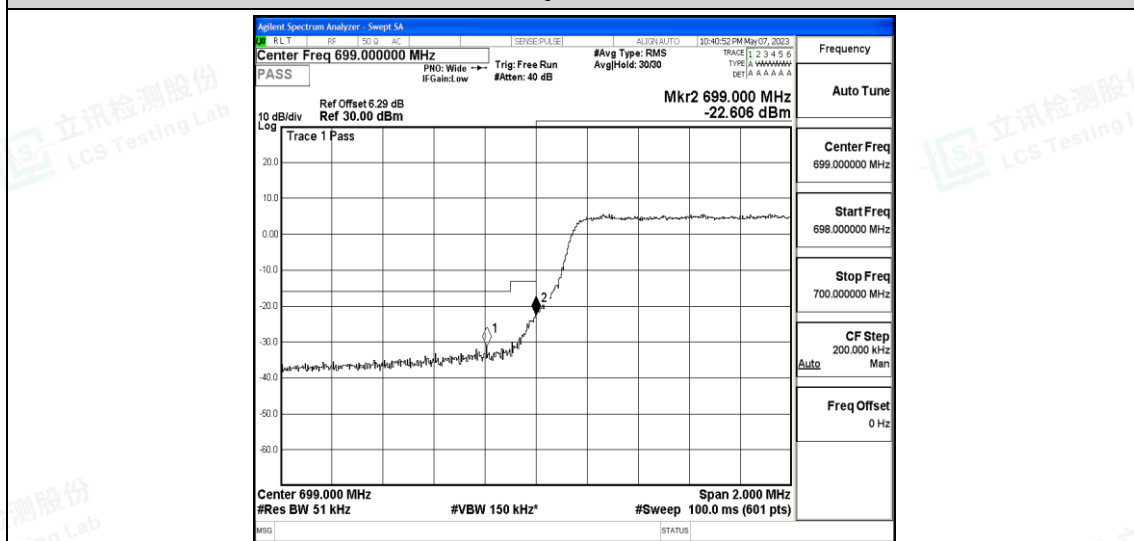
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Band12-1.4MHz-16QAM-23173-6RB#0



Band12-3MHz-QPSK-23025-15RB#0



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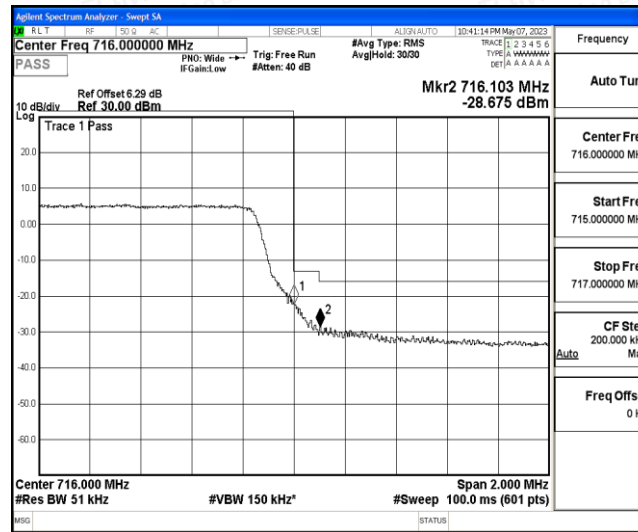
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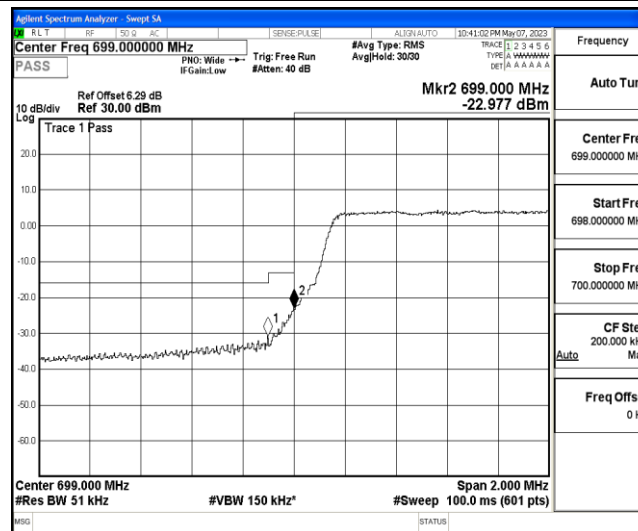
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Band12-3MHz-QPSK-23165-15RB#0



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



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

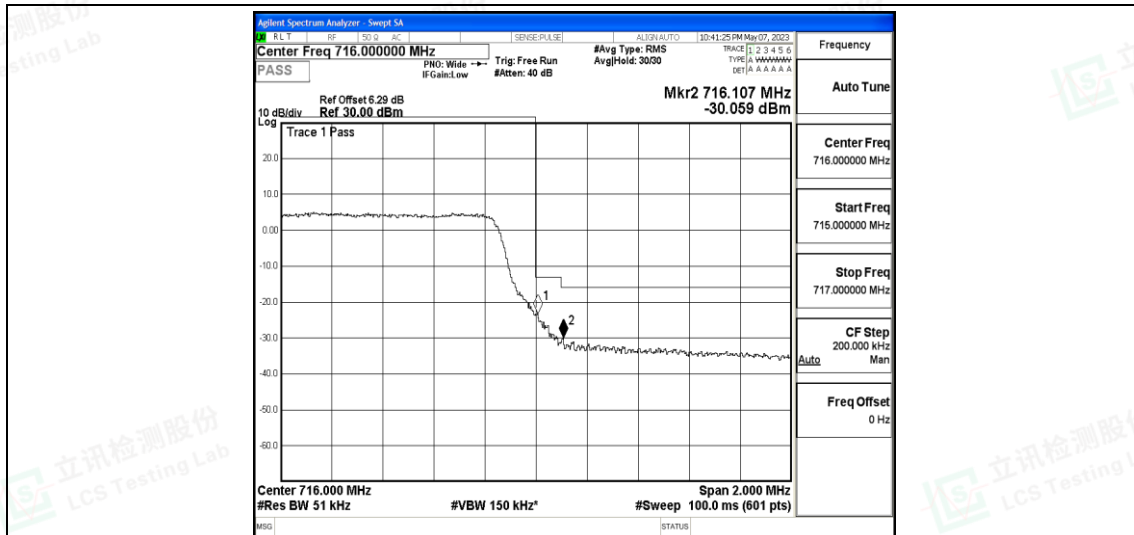


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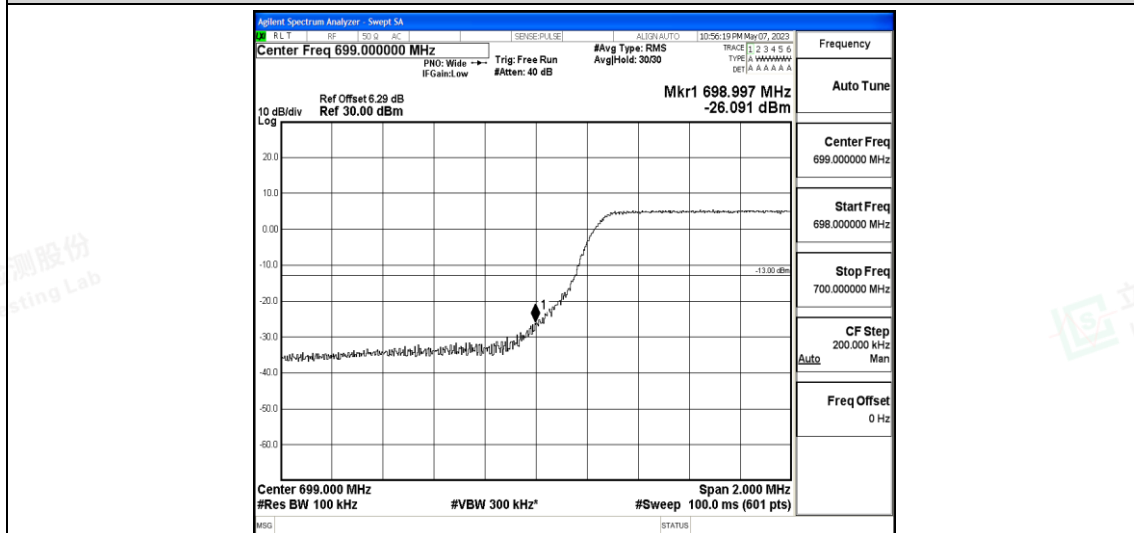
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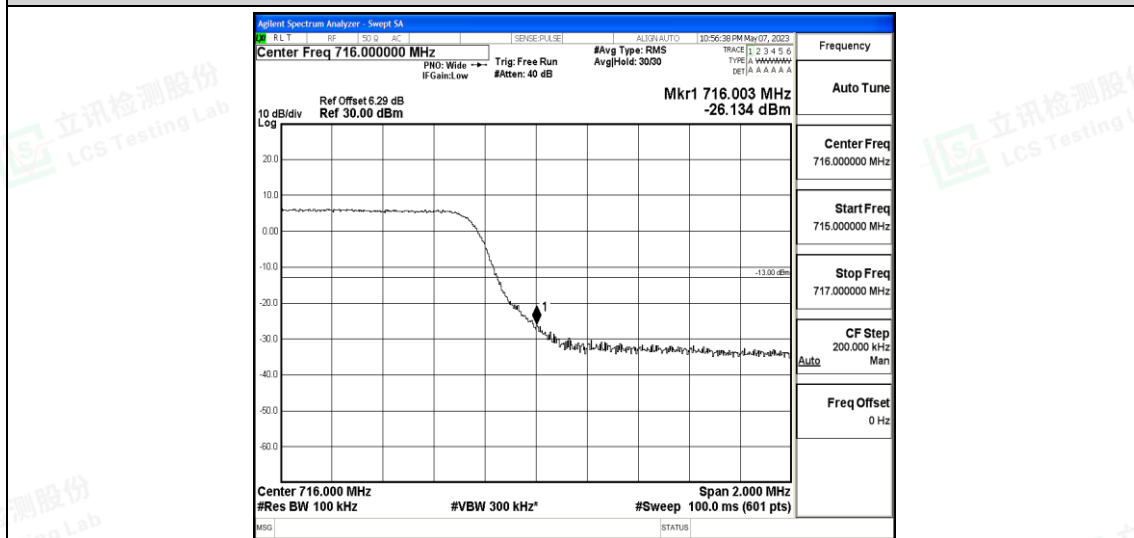
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Band12-5MHz-QPSK-23035-25RB#0



Band12-5MHz-QPSK-23155-25RB#0



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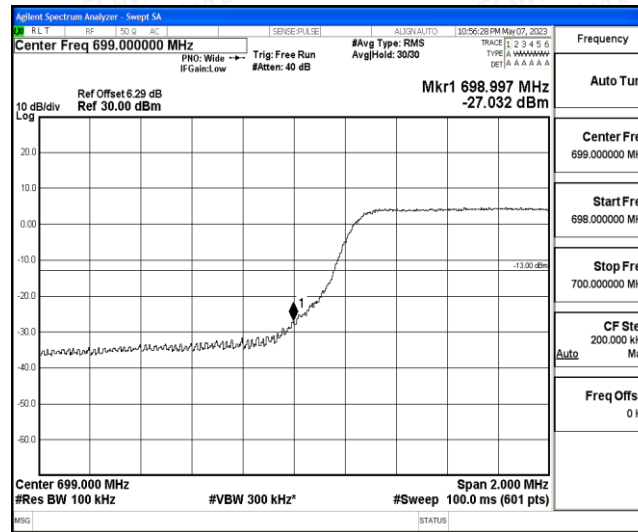
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

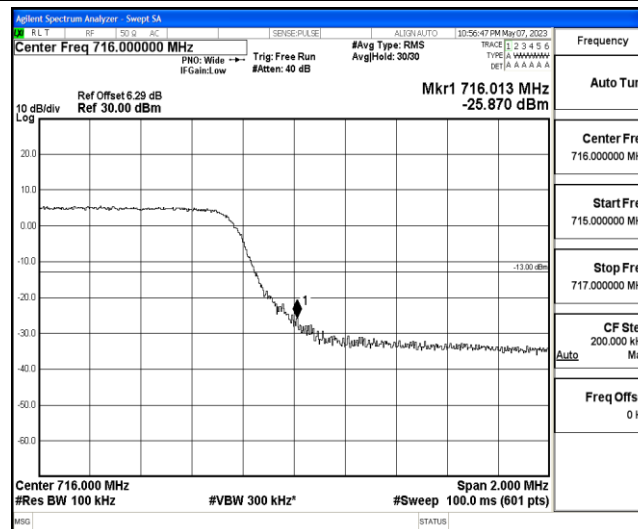
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Band12-5MHz-16QAM-23035-25RB#0



Band12-5MHz-16QAM-23155-25RB#0



Band12-10MHz-QPSK-23060-50RB#0

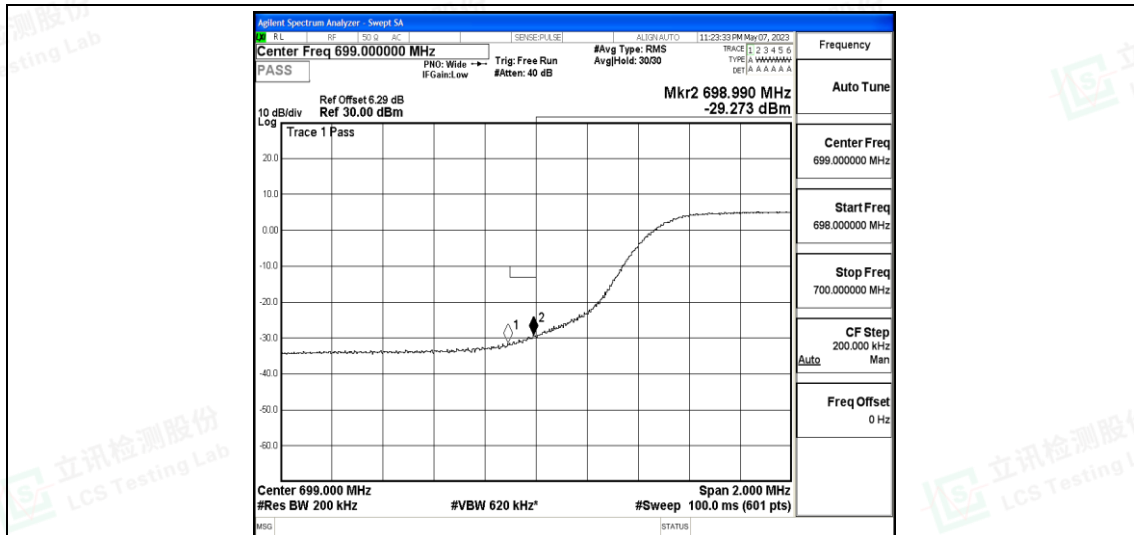


Shenzhen LCS Compliance Testing Laboratory Ltd.

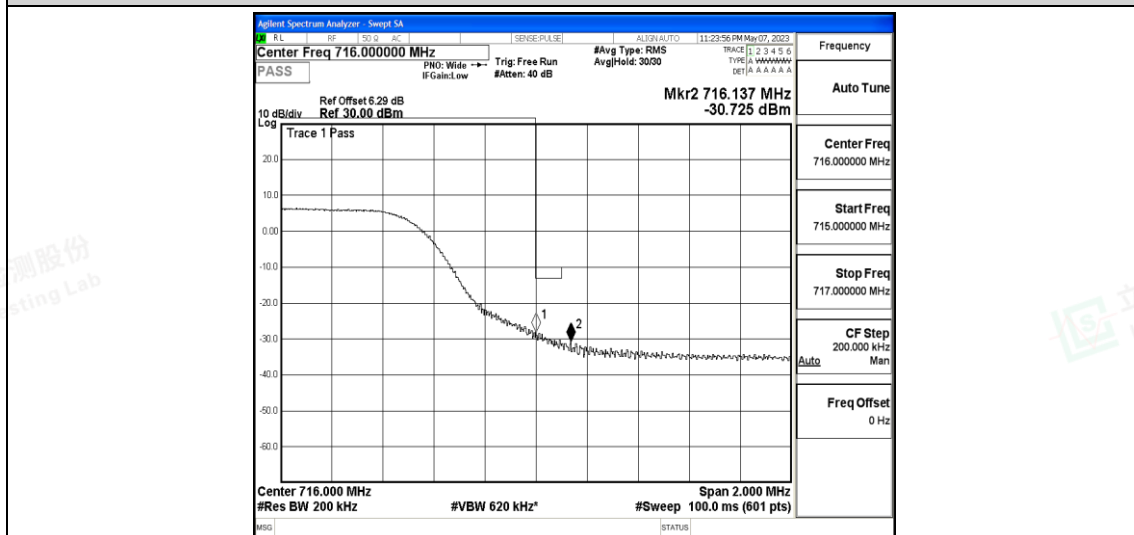
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

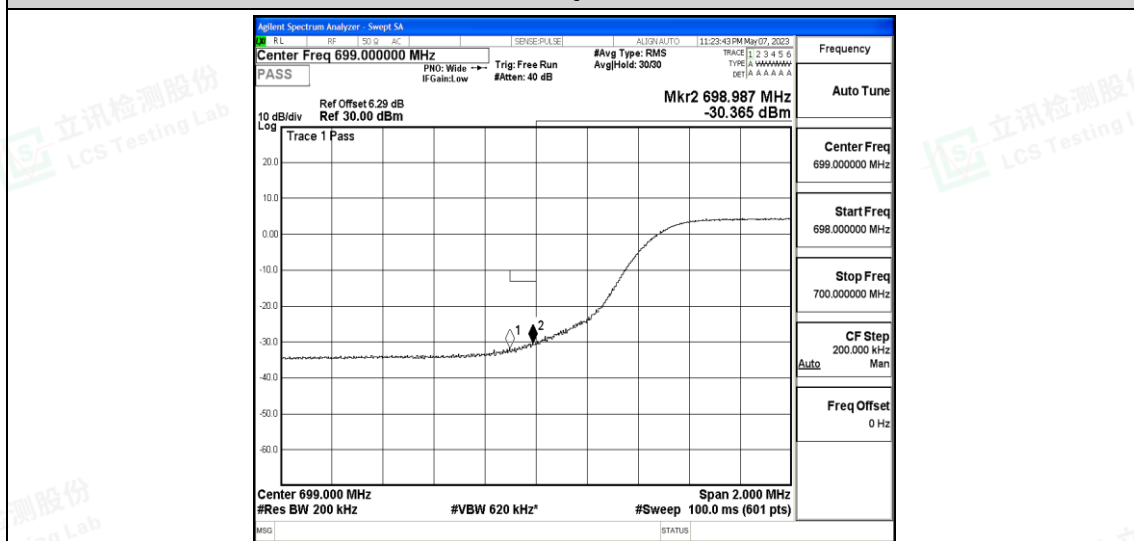
Scan code to check authenticity



Band12-10MHz-QPSK-23130-50RB#0



Band12-10MHz-16QAM-23060-50RB#0



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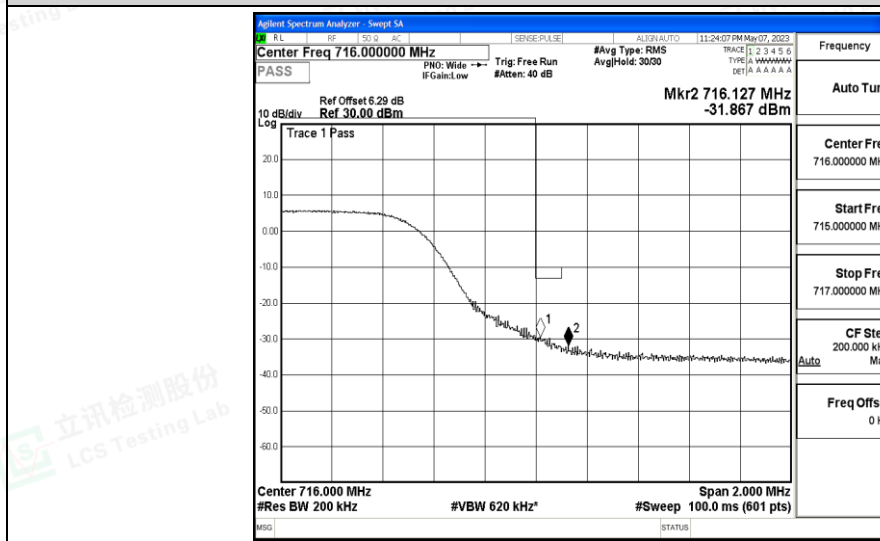
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Band12-10MHz-16QAM-23130-50RB#0



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D.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:0.009~0.15MHz	-56.07	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:0.15~30MHz	-49.98	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range3:30~1000MHz	-40.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-56.27	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.75	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-41.03	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:0.009~0.15MHz	-53.32	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:0.15~30MHz	-51.08	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range3:30~1000MHz	-42.02	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:0.009~0.15MHz	-55.97	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:0.15~30MHz	-49.81	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range3:30~1000MHz	-41.04	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range4:1000~10000MHz	-44.94	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.41	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-52.03	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-41.23	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.66	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:0.009~0.15MHz	-55.17	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:0.15~30MHz	-50.05	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range3:30~1000MHz	-40.79	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range4:1000~10000MHz	-44.67	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:0.009~0.15MHz	-55.51	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:0.15~30MHz	-51.29	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range3:30~1000MHz	-41.62	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-56.37	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-49.84	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-41.87	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-45.02	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:0.009~0.15MHz	-55.33	PASS



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Band12	3MHz	QPSK	23165	1RB#0	Range2:0.15~30MHz	-50.25	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range3:30~1000MHz	-41.08	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range4:1000~10000MHz	-45.02	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:0.009~0.15MHz	-55.88	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:0.15~30MHz	-51.12	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range3:30~1000MHz	-40.93	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range4:1000~10000MHz	-44.81	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.57	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-51.69	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-41.32	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.74	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:0.009~0.15MHz	-55.55	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:0.15~30MHz	-49.02	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range3:30~1000MHz	-38.75	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:0.009~0.15MHz	-54.21	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:0.15~30MHz	-53.49	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range3:30~1000MHz	-39.93	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range4:1000~10000MHz	-44.84	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.16	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.06	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.63	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:0.009~0.15MHz	-55.61	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:0.15~30MHz	-51.37	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range3:30~1000MHz	-39.93	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:0.009~0.15MHz	-56.51	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:0.15~30MHz	-50.15	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range3:30~1000MHz	-40.68	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range4:1000~10000MHz	-44.79	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-56.26	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-50.65	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.27	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.78	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:0.009~0.15MHz	-56.85	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:0.15~30MHz	-51.09	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range3:30~1000MHz	-40.74	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range4:1000~10000MHz	-44.72	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:0.009~0.15MHz	-55.71	PASS



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Band12	10MHz	QPSK	23060	1RB#0	Range2:0.15~30MHz	-51.26	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range3:30~1000MHz	-40.4	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.06	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.67	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.86	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:0.009~0.15MHz	-56.52	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:0.15~30MHz	-50.75	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range3:30~1000MHz	-40.8	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range4:1000~10000MHz	-44.66	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:0.009~0.15MHz	-53.51	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:0.15~30MHz	-50.76	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range3:30~1000MHz	-40.23	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range4:1000~10000MHz	-44.74	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.27	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-51.34	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.79	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.74	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:0.009~0.15MHz	-54.21	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:0.15~30MHz	-50.93	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range3:30~1000MHz	-40.33	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range4:1000~10000MHz	-44.81	PASS



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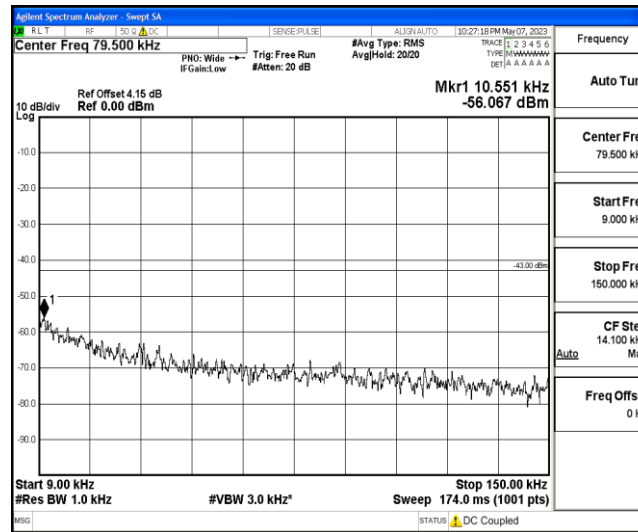
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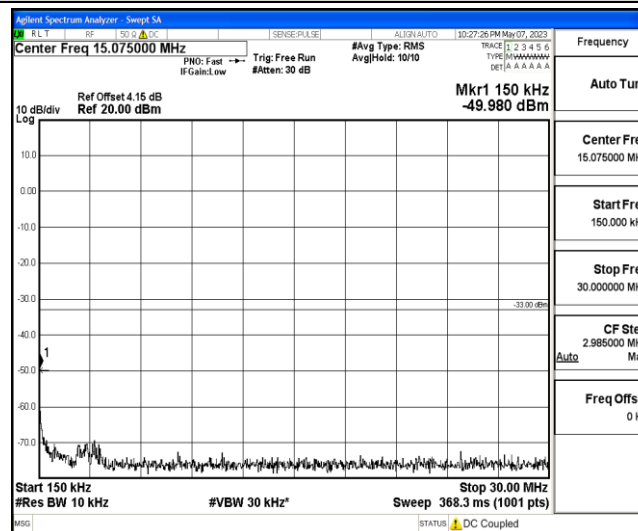


Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0-Range1:0.009~0.15MHz



Band12-1.4MHz-QPSK-23017-1RB#0-Range2:0.15~30MHz



Band12-1.4MHz-QPSK-23017-1RB#0-Range3:30~1000MHz

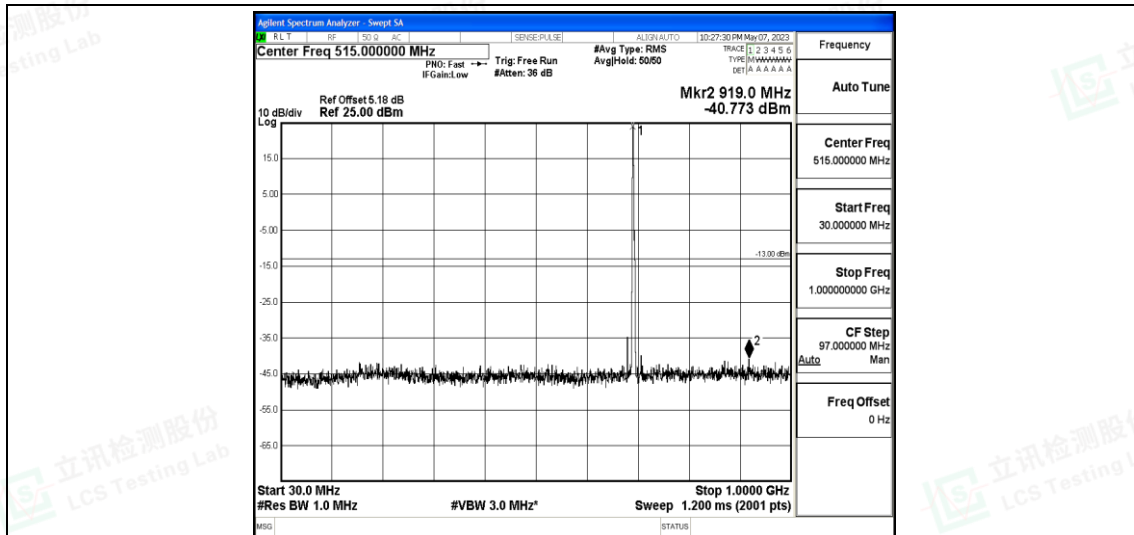


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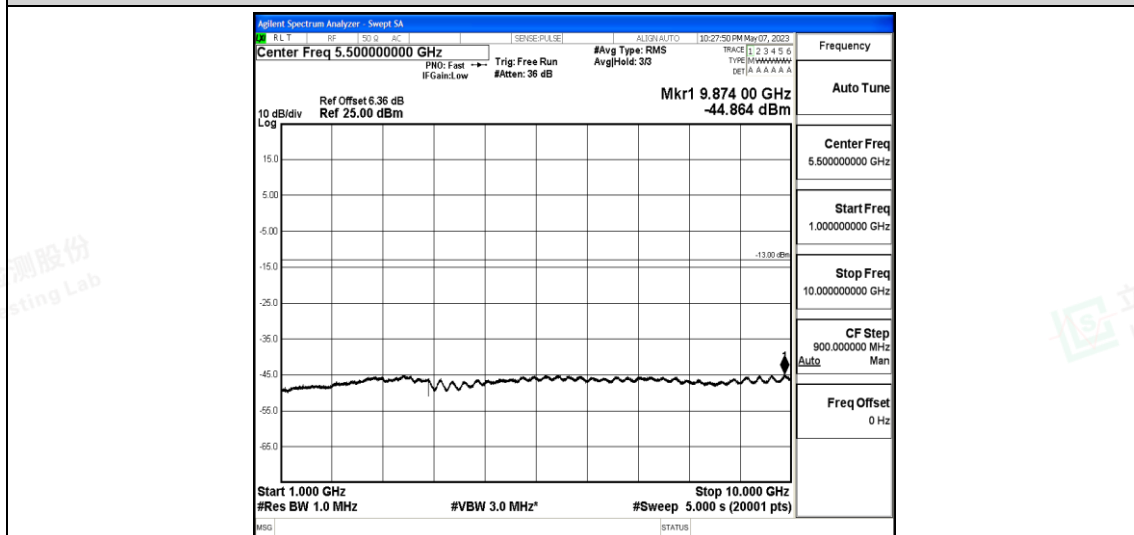
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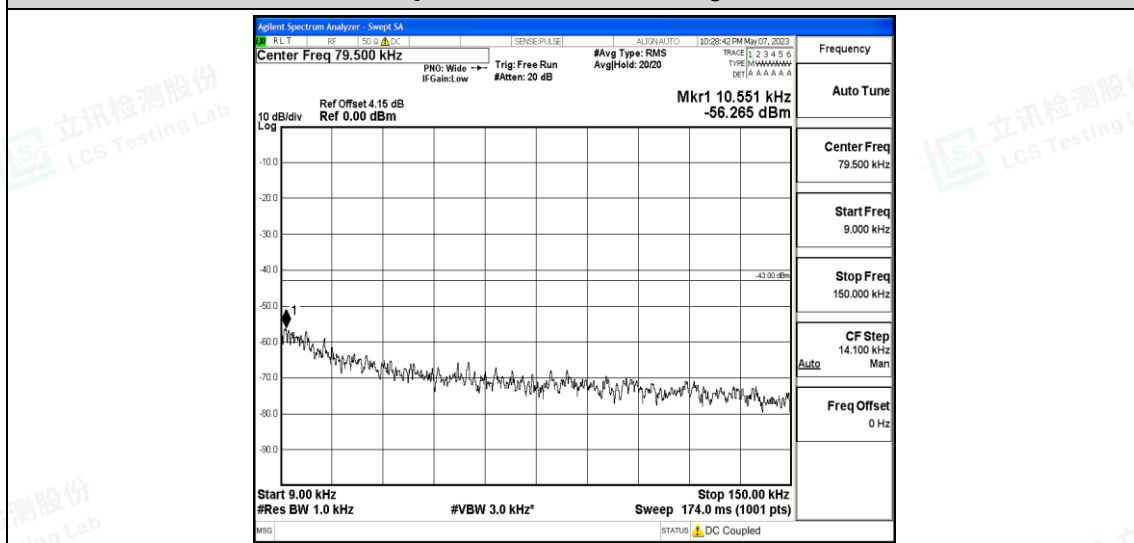
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Band12-1.4MHz-QPSK-23017-1RB#0-Range4:1000~10000MHz



Band12-1.4MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz



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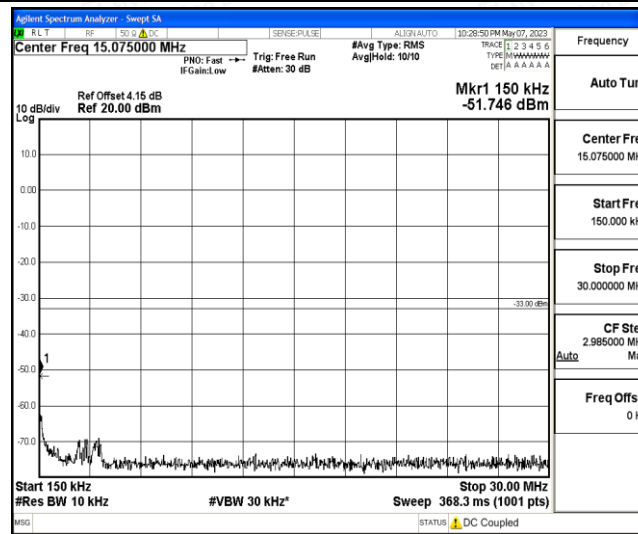
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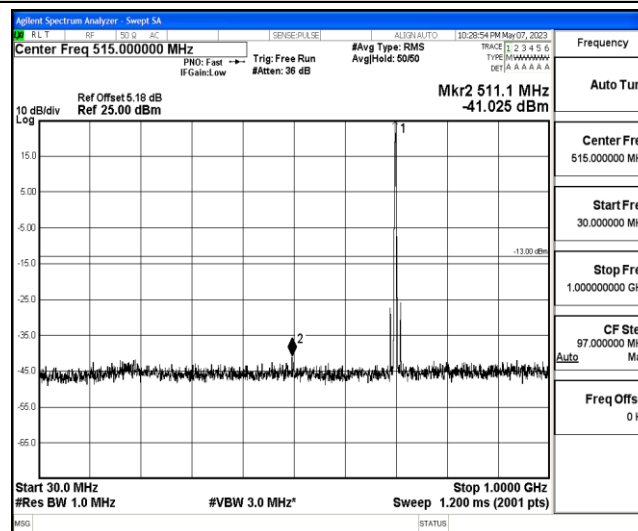
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Band12-1.4MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



Band12-1.4MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



Band12-1.4MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



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