



Appendix J: Test Data for E-UTRA Band 12

Product Name: BlueCash-50

Test Model: BlueCash-50

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li huan





J.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.38	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.52	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.37	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.42	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.43	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.46	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.39	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.10	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.18	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.01	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	22.18	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.16	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.15	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.17	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.06	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.09	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.02	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.09	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.08	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	21.99	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.16	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.20	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	21.37	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.20	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.25	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.25	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.31	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.27	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	20.98	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.11	PASS



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Band12	1.4MHz	16QAM	23095	1RB#5	20.96	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	20.93	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	20.92	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	20.89	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.17	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	20.86	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.02	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	20.83	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	20.84	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	20.81	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	20.78	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.05	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.87	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.86	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.83	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.84	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.85	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.79	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.63	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.66	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.68	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.50	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.62	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.56	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.69	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.62	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.29	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.25	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.17	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.23	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.28	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.27	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.90	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.83	PASS



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Band12	3MHz	16QAM	23025	1RB#14	21.81	PASS
Band12	3MHz	16QAM	23025	8RB#0	20.88	PASS
Band12	3MHz	16QAM	23025	8RB#4	20.84	PASS
Band12	3MHz	16QAM	23025	8RB#7	20.85	PASS
Band12	3MHz	16QAM	23025	15RB#0	20.75	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.46	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.44	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.29	PASS
Band12	3MHz	16QAM	23095	8RB#0	20.29	PASS
Band12	3MHz	16QAM	23095	8RB#4	20.68	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.55	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.59	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.23	PASS
Band12	3MHz	16QAM	23165	1RB#8	20.88	PASS
Band12	3MHz	16QAM	23165	1RB#14	20.86	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.14	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.30	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.36	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.06	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.86	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.91	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.70	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.74	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.80	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.80	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.68	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.70	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.54	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.78	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.75	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.59	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.69	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.56	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.67	PASS



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Band12	5MHz	QPSK	23155	1RB#24	22.64	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.61	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.56	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.65	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.58	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.83	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.65	PASS
Band12	5MHz	16QAM	23035	12RB#0	20.73	PASS
Band12	5MHz	16QAM	23035	12RB#6	20.73	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.75	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.82	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.66	PASS
Band12	5MHz	16QAM	23095	1RB#12	21.71	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.62	PASS
Band12	5MHz	16QAM	23095	12RB#0	20.79	PASS
Band12	5MHz	16QAM	23095	12RB#6	20.84	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.58	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.68	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.44	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.53	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.38	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.53	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.57	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.62	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.64	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.91	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.85	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.56	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.69	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.71	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.58	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.63	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.86	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.82	PASS



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Band12	10MHz	QPSK	23095	1RB#49	22.65	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.86	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.88	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.68	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.65	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.76	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.62	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.81	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.84	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.82	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.76	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.91	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.83	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.57	PASS
Band12	10MHz	16QAM	23060	25RB#0	20.65	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.67	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.55	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.67	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.65	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.66	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.49	PASS
Band12	10MHz	16QAM	23095	25RB#0	20.87	PASS
Band12	10MHz	16QAM	23095	25RB#12	20.89	PASS
Band12	10MHz	16QAM	23095	25RB#25	20.70	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.84	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.47	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.60	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.34	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.82	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.86	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.80	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.80	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	6RB#0	5.33	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.15	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.31	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.14	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.00	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.16	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.15	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	4.96	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.31	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.00	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.81	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.25	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.06	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.96	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.73	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.83	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.76	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.55	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.03	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.03	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.01	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.86	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.81	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.82	13	PASS



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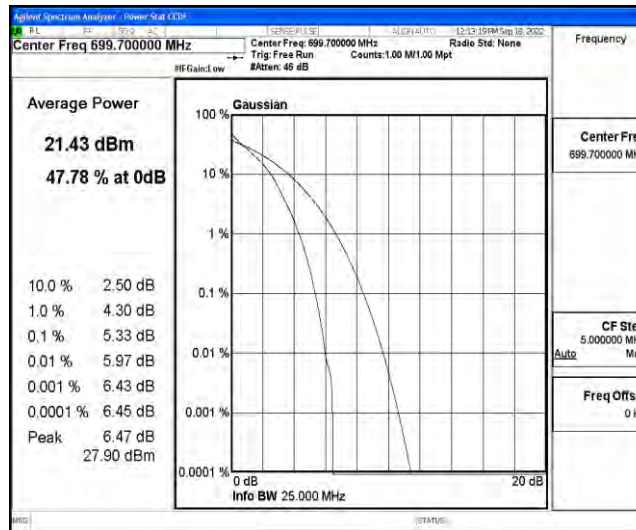
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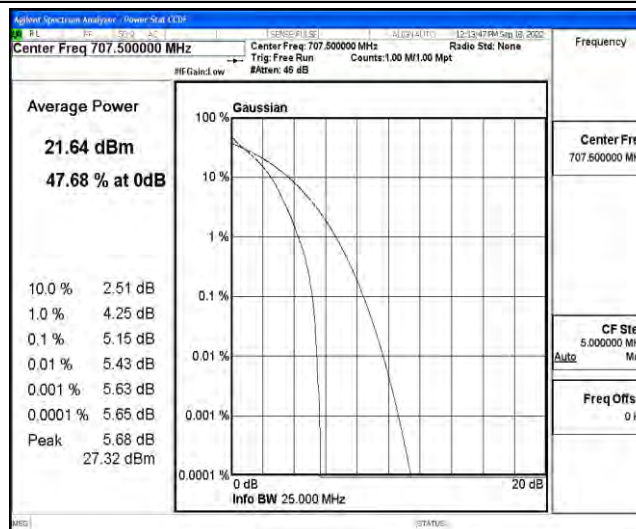


Test Graphs

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

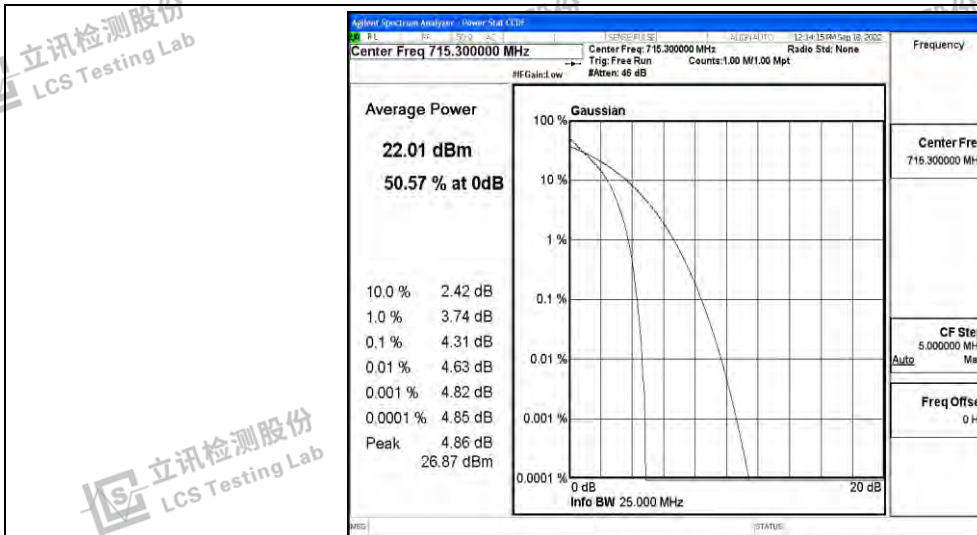


Band12-1.4MHz-QPSK-23095-6RB#0

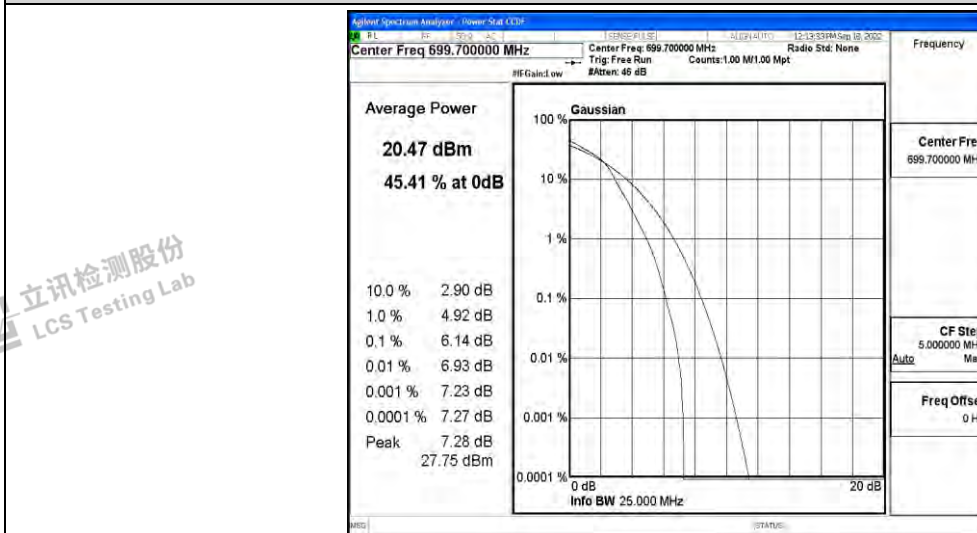


Band12-1.4MHz-QPSK-23173-6RB#0

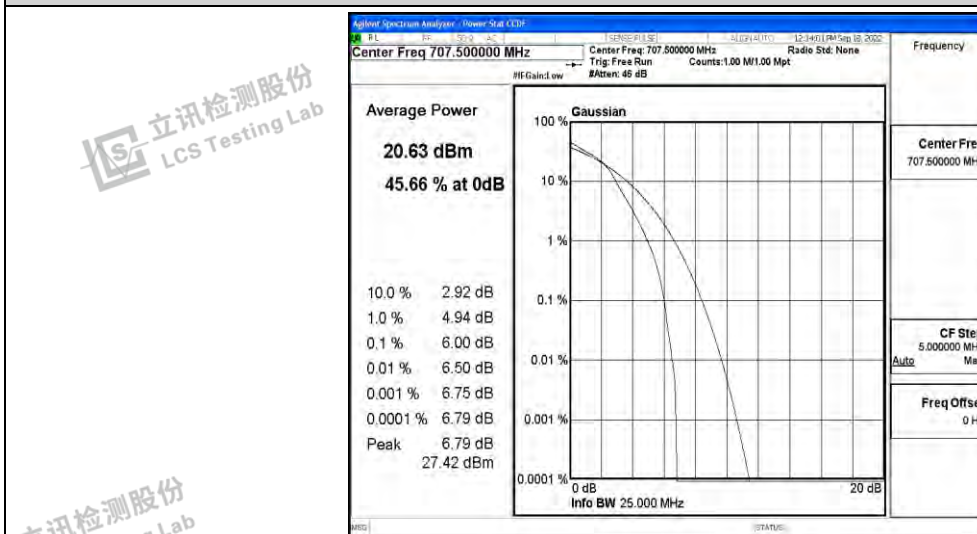




Band12-1.4MHz-16QAM-23017-6RB#0

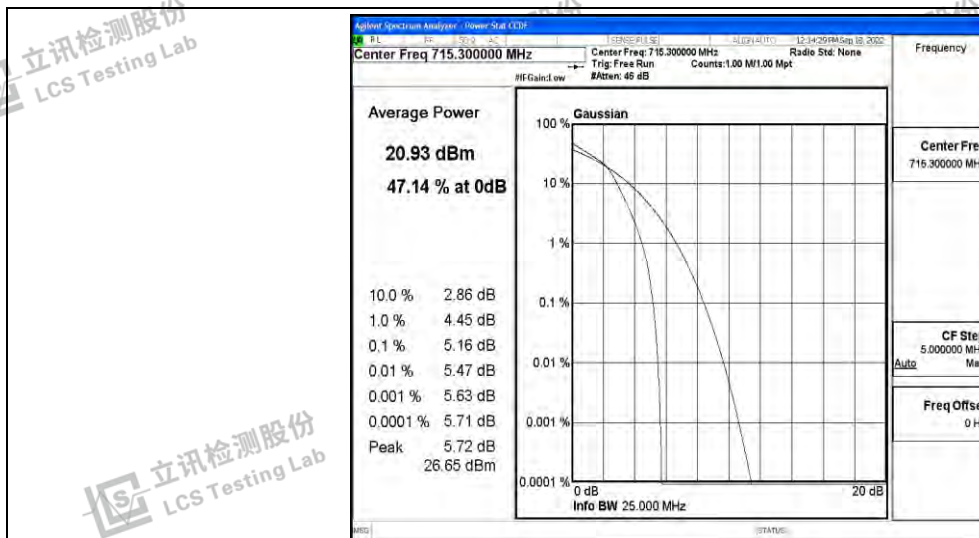


Band12-1.4MHz-16QAM-23095-6RB#0

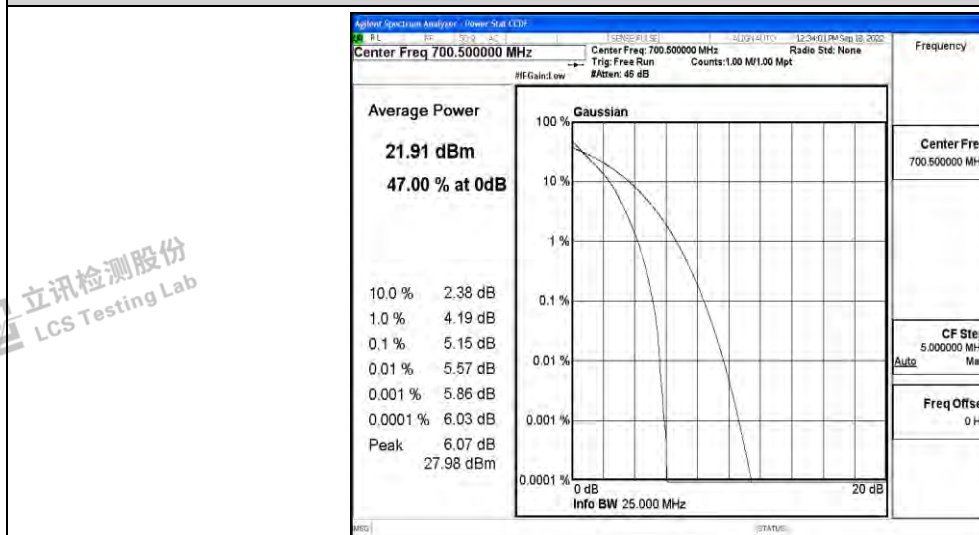


Band12-1.4MHz-16QAM-23173-6RB#0

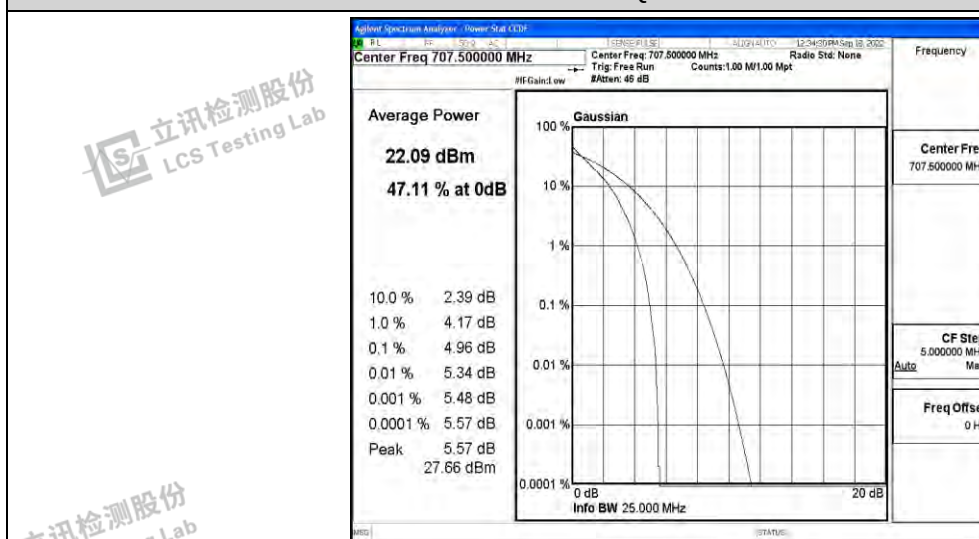




Band12-3MHz-QPSK-23025-15RB#0

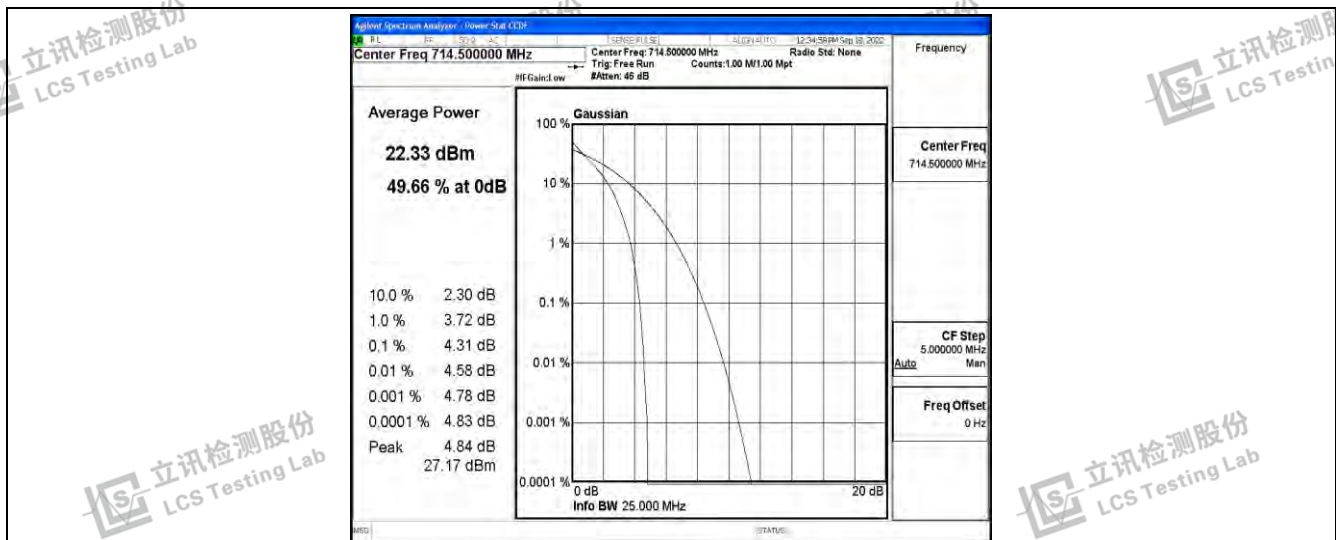


Band12-3MHz-QPSK-23095-15RB#0

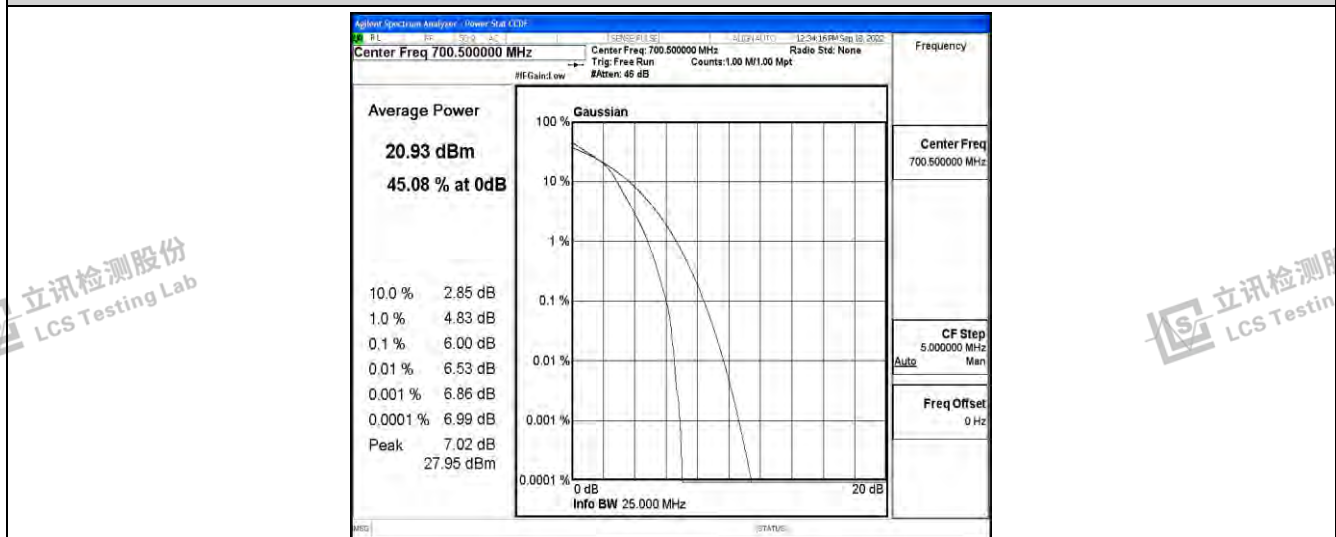


Band12-3MHz-QPSK-23165-15RB#0

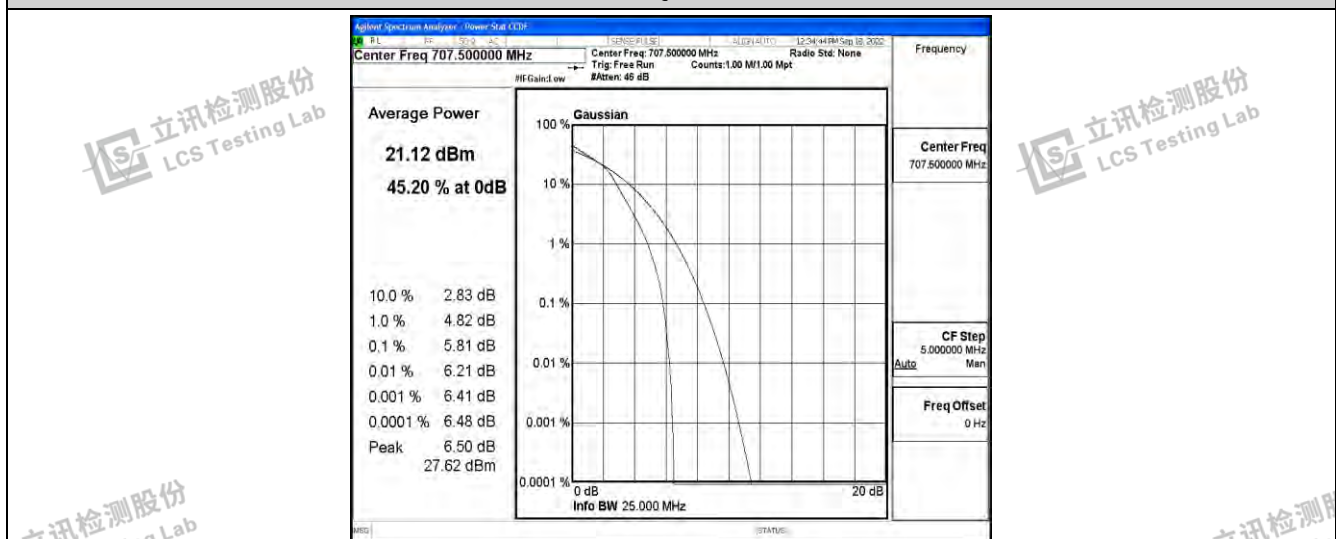




Band12-3MHz-16QAM-23025-15RB#0

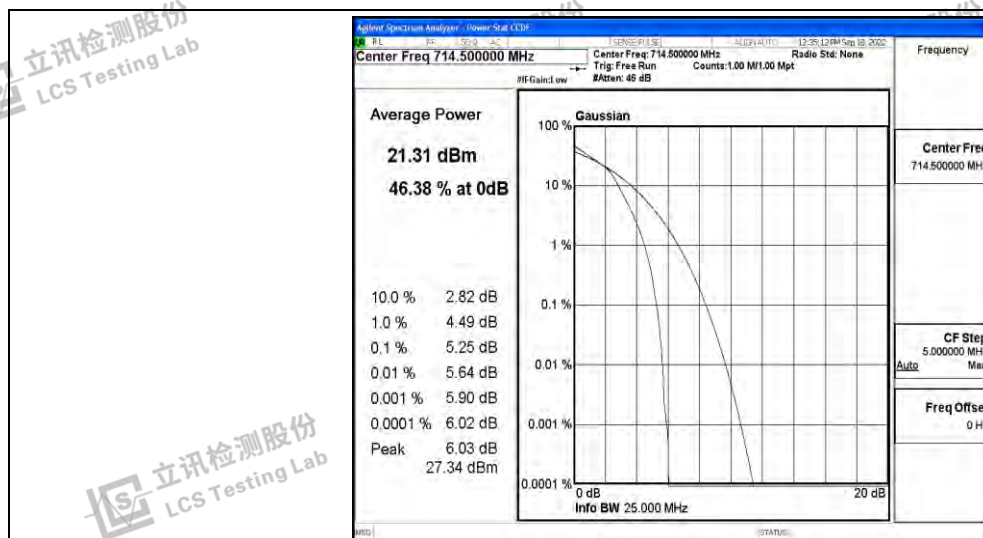


Band12-3MHz-16QAM-23095-15RB#0

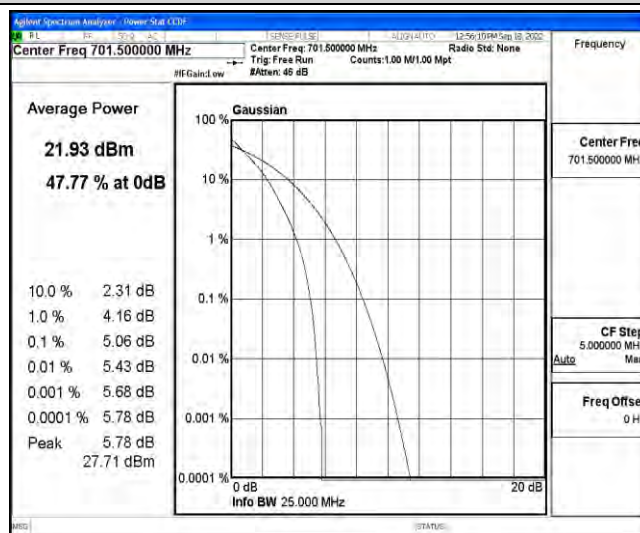


Band12-3MHz-16QAM-23165-15RB#0

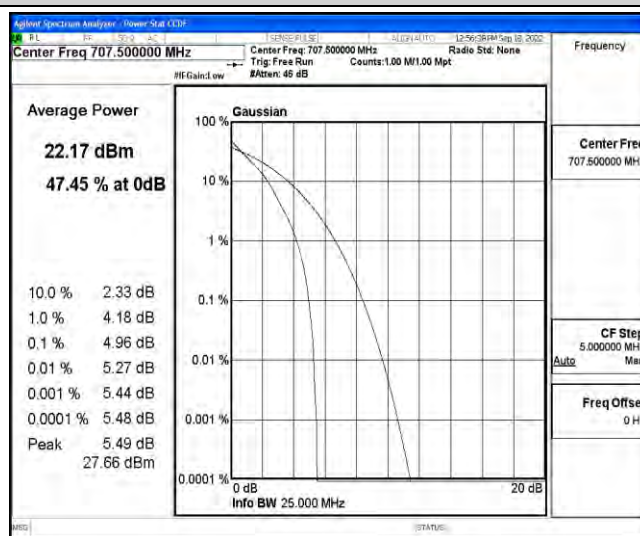




Band12-5MHz-QPSK-23035-25RB#0

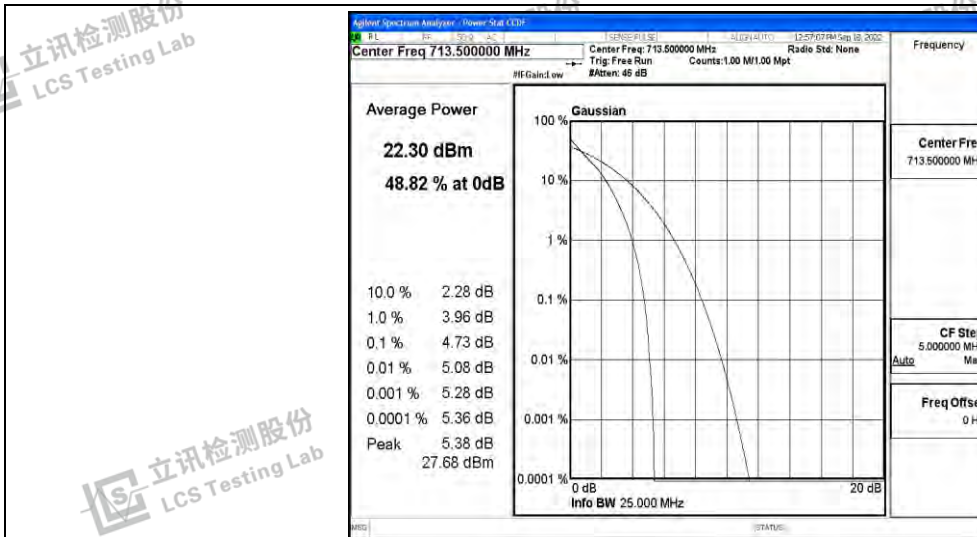


Band12-5MHz-QPSK-23095-25RB#0

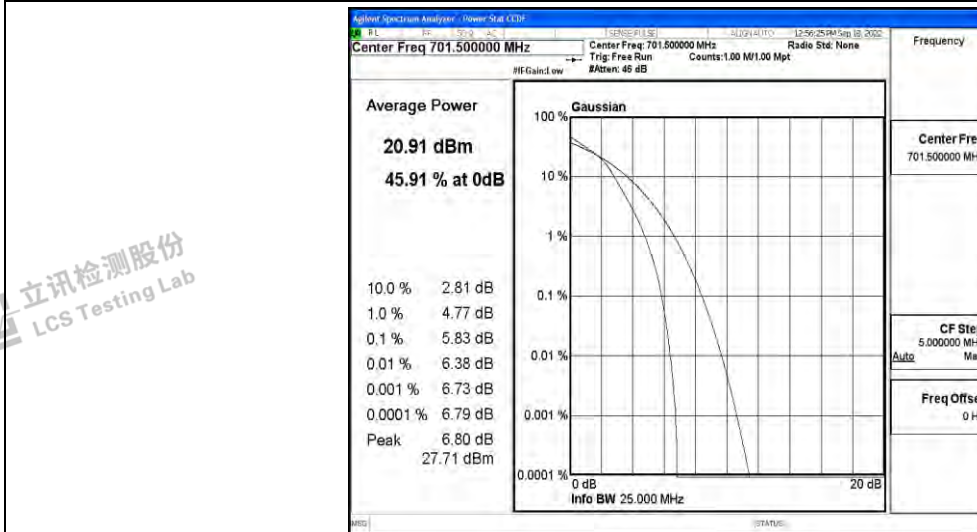


Band12-5MHz-QPSK-23155-25RB#0

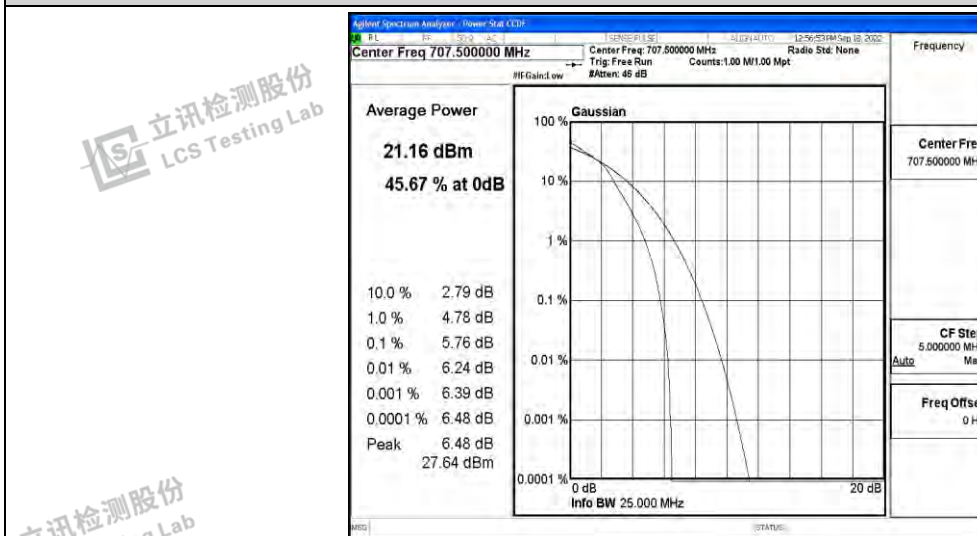




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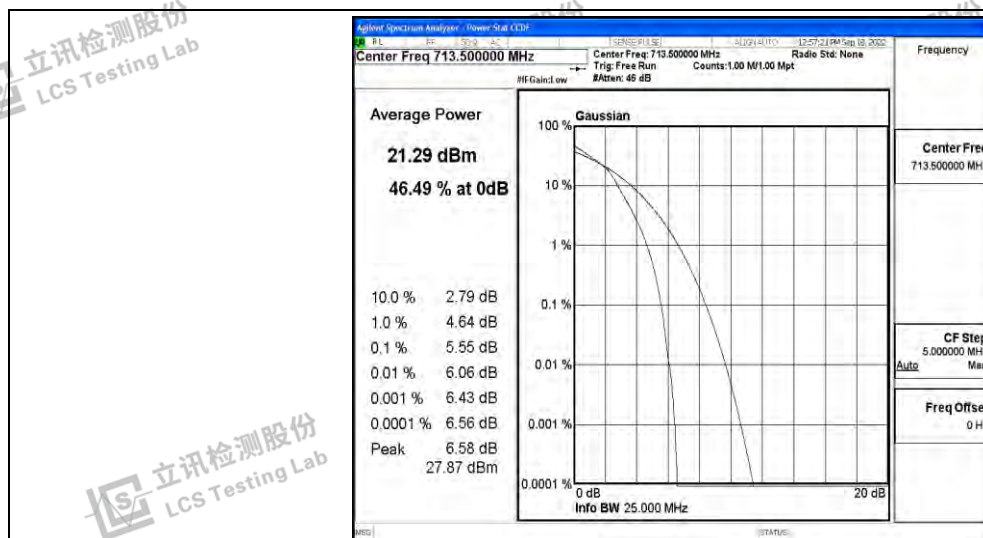


Band12-5MHz-16QAM-23095-25RB#0

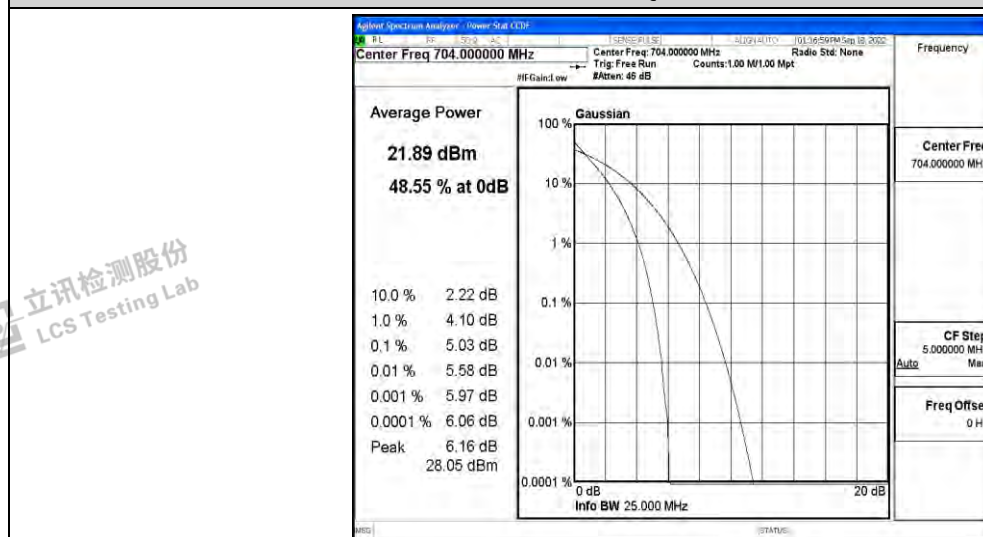


Band12-5MHz-16QAM-23155-25RB#0

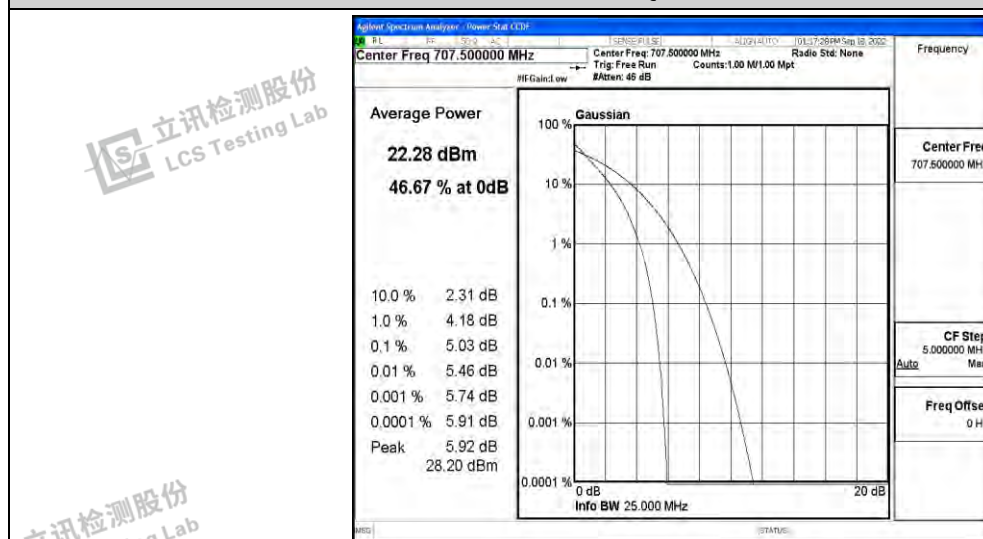




Band12-10MHz-QPSK-23060-50RB#0

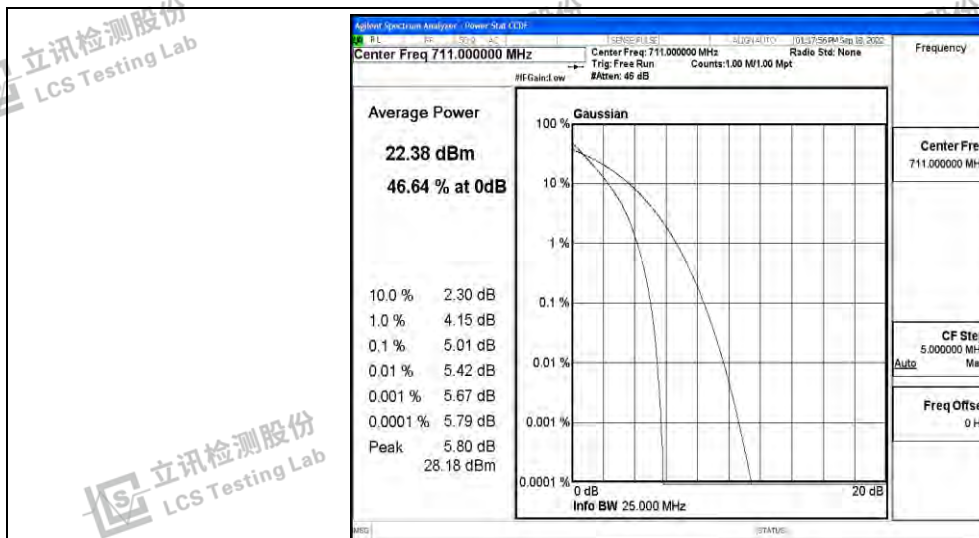


Band12-10MHz-QPSK-23095-50RB#0

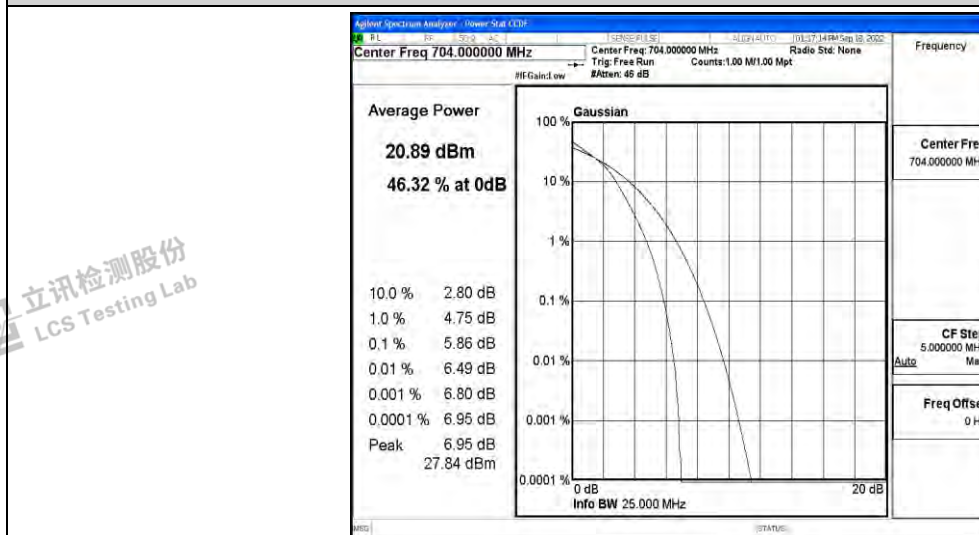


Band12-10MHz-QPSK-23130-50RB#0

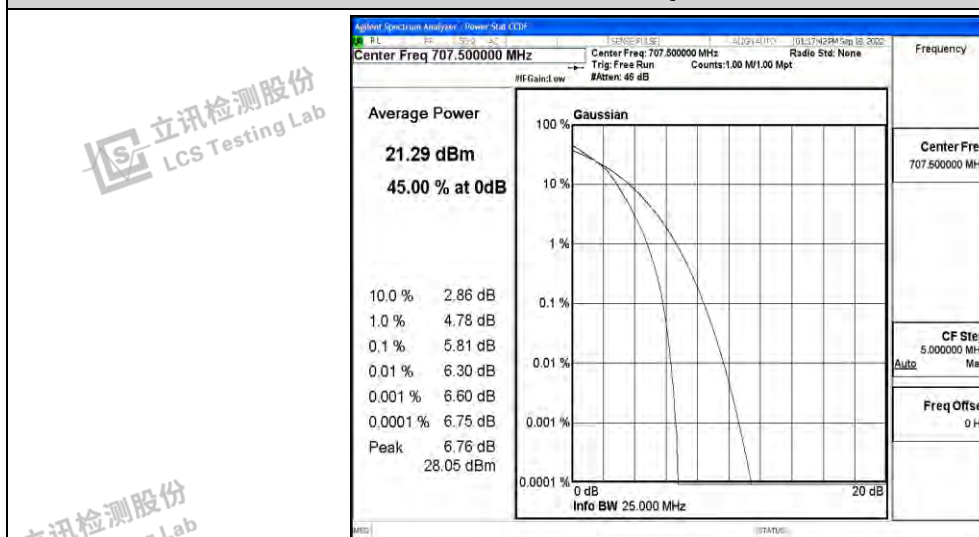




Band12-10MHz-16QAM-23060-50RB#0

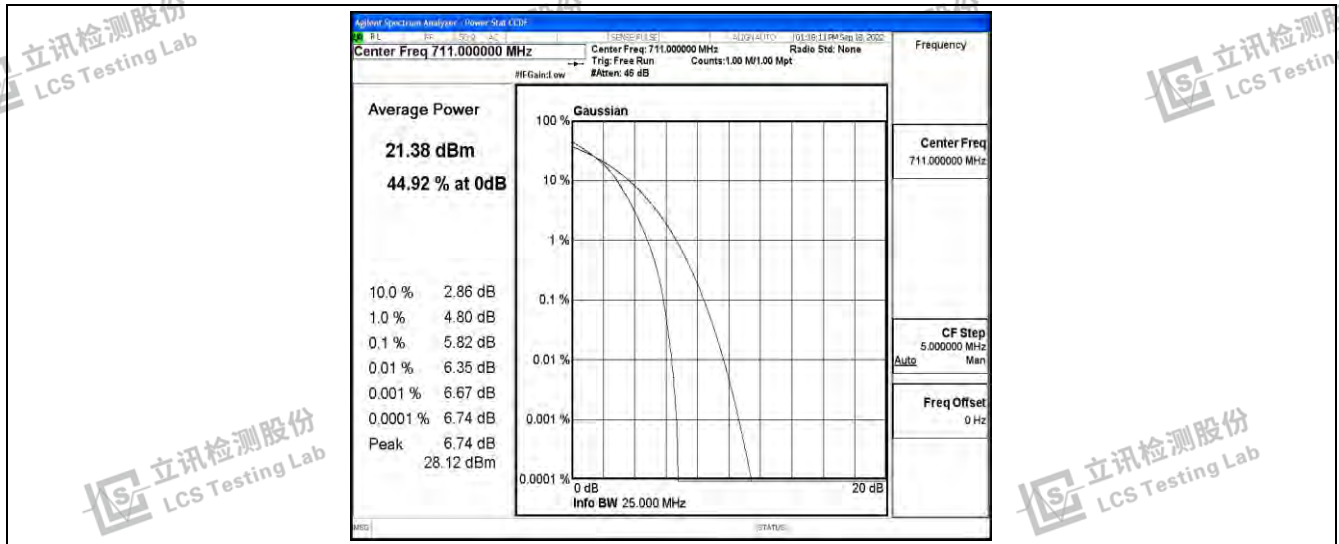


Band12-10MHz-16QAM-23095-50RB#0



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







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	1.0881	1.280	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0971	1.301	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0982	1.281	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0915	1.279	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0944	1.282	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0877	1.274	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6915	2.905	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6856	2.917	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6853	2.903	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6817	2.887	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6823	2.902	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6794	2.889	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5218	5.185	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5167	5.156	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5113	5.175	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5254	5.175	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5309	5.236	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5308	5.187	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9950	10.04	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0315	10.23	PASS
Band12	10MHz	QPSK	23130	50RB#0	9.0044	10.01	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9667	9.980	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0185	10.01	PASS
Band12	10MHz	16QAM	23130	50RB#0	9.0060	9.979	PASS





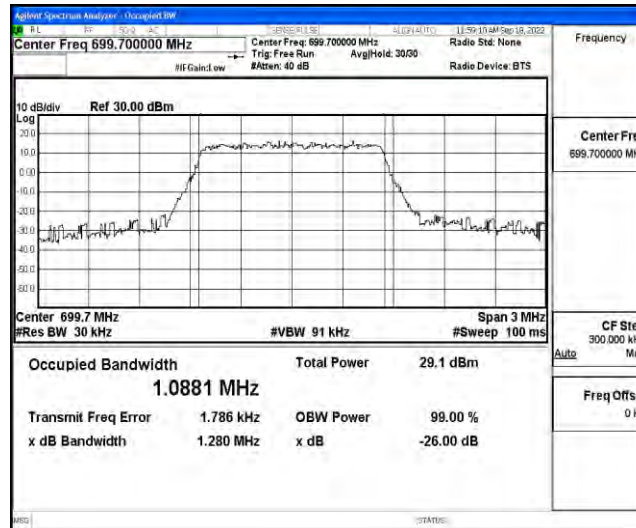
立讯检测股份
LCS Testing Lab
Test Graphs

立讯检测股份
LCS Testing Lab

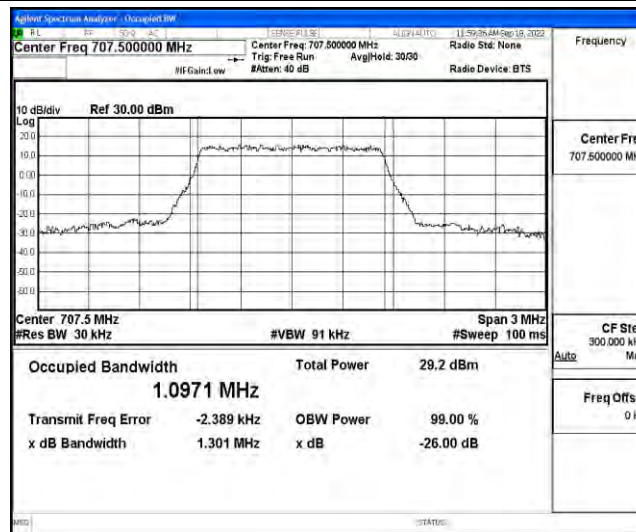
立讯检测股份
LCS Testing Lab

立讯检测股份
LCS Testing Lab

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



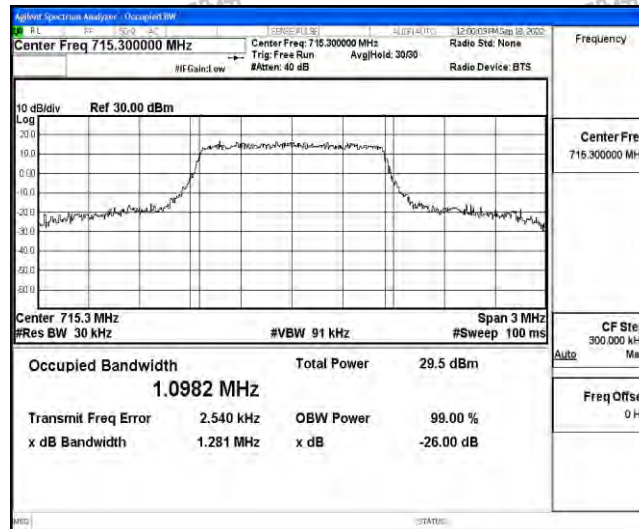
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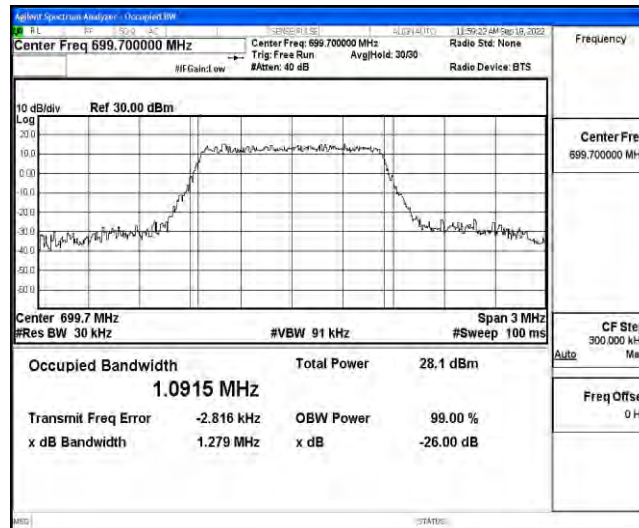
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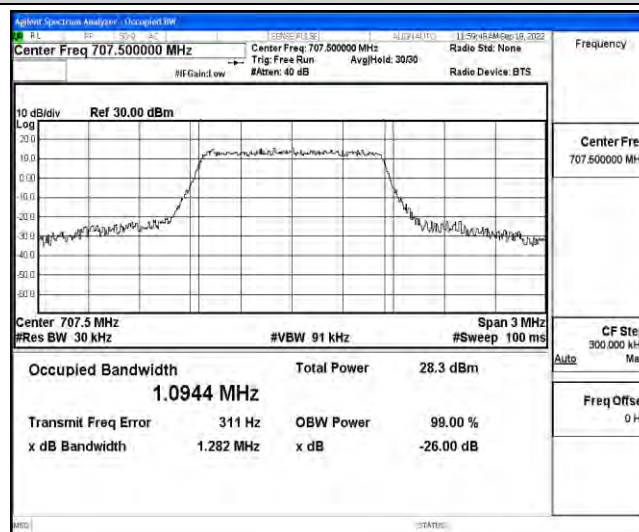
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Band12-1.4MHz-16QAM-23017-6RB#0

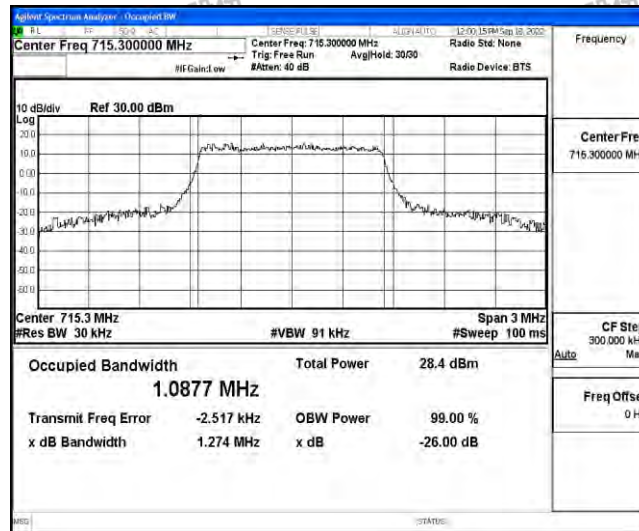


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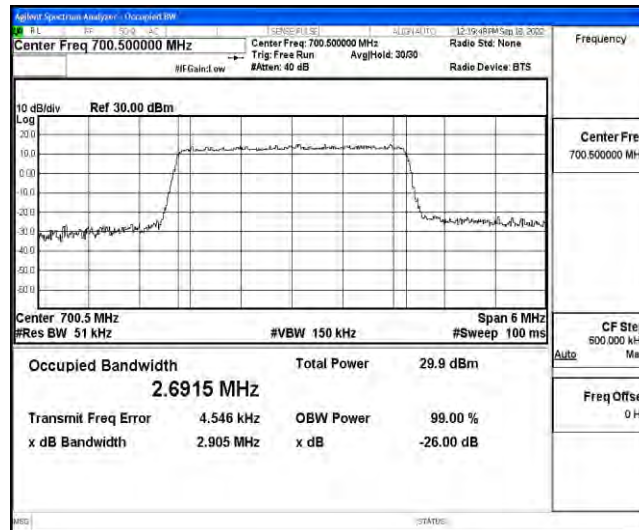


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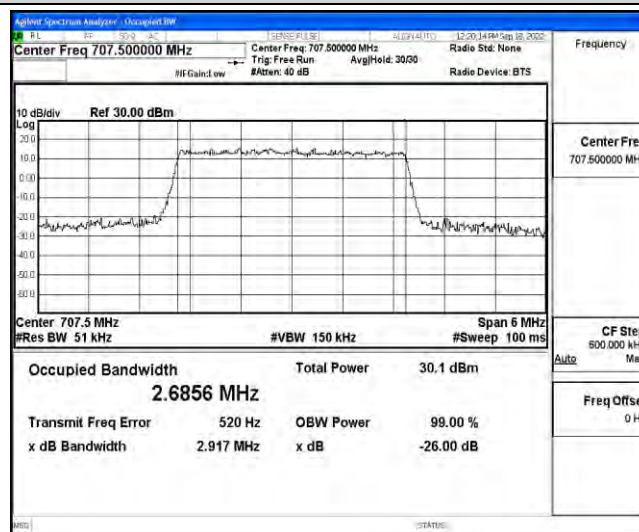




Band12-3MHz-QPSK-23025-15RB#0

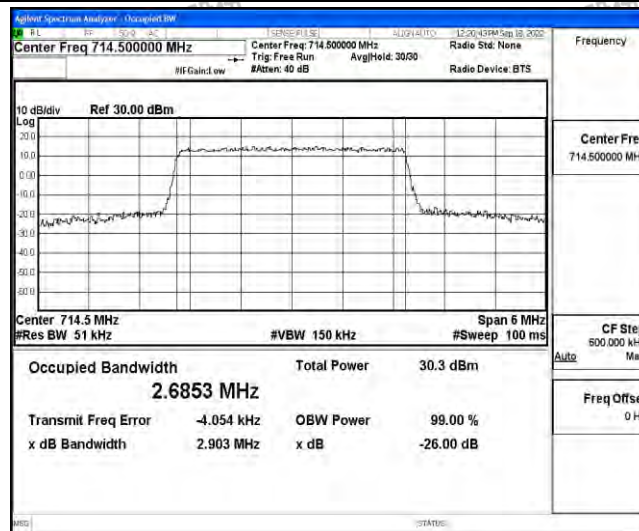


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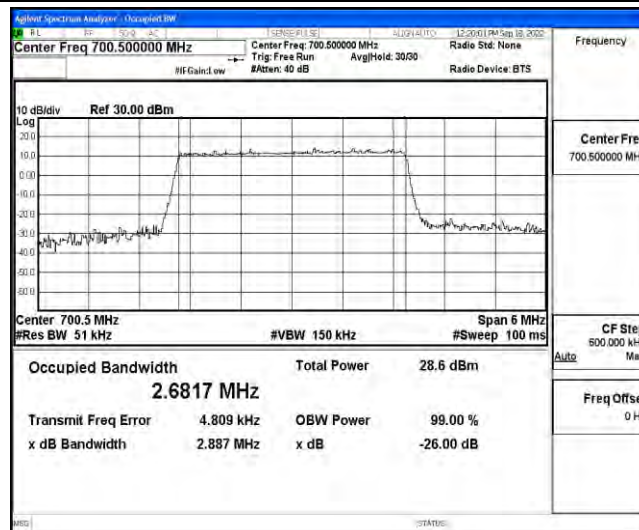


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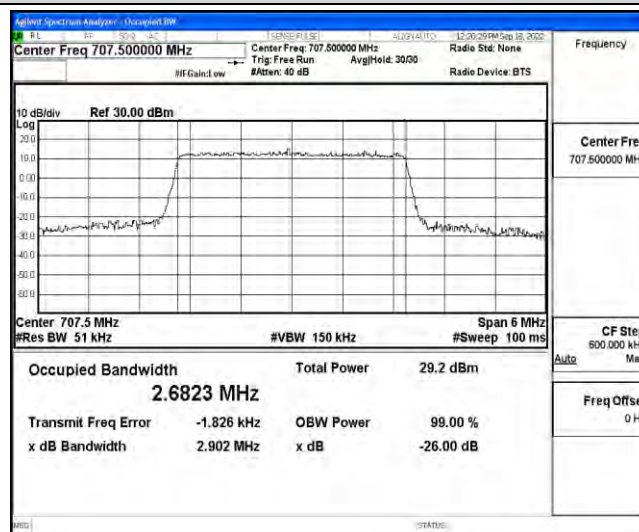




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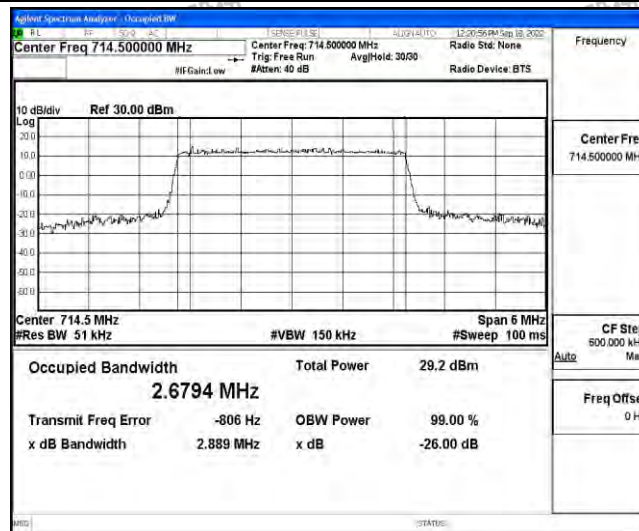


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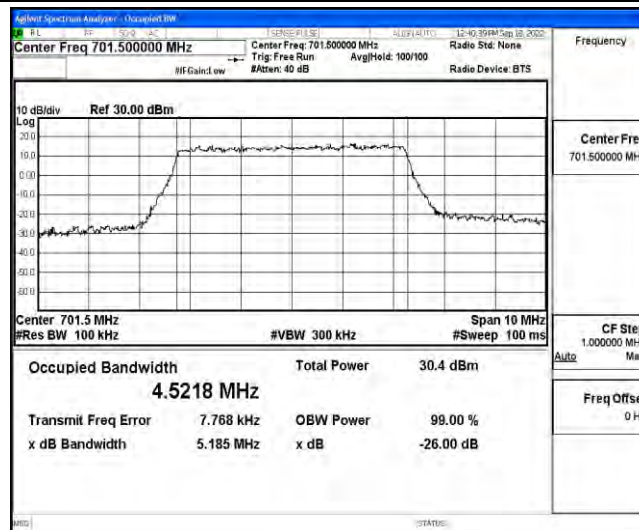


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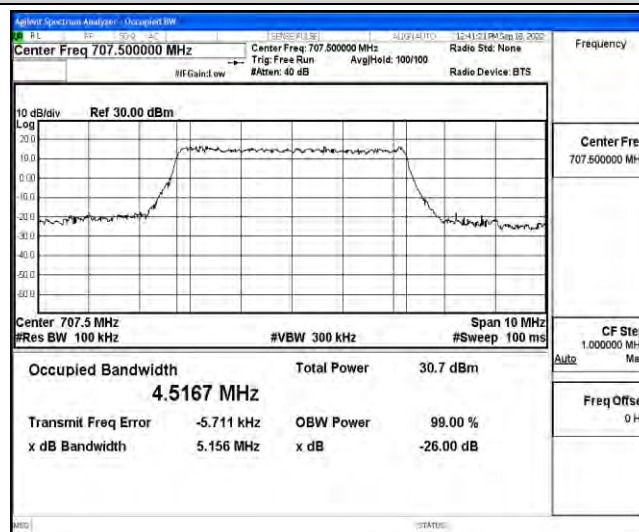




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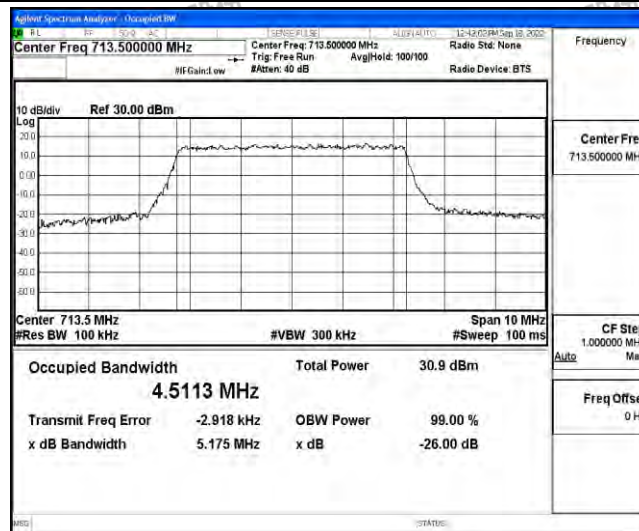


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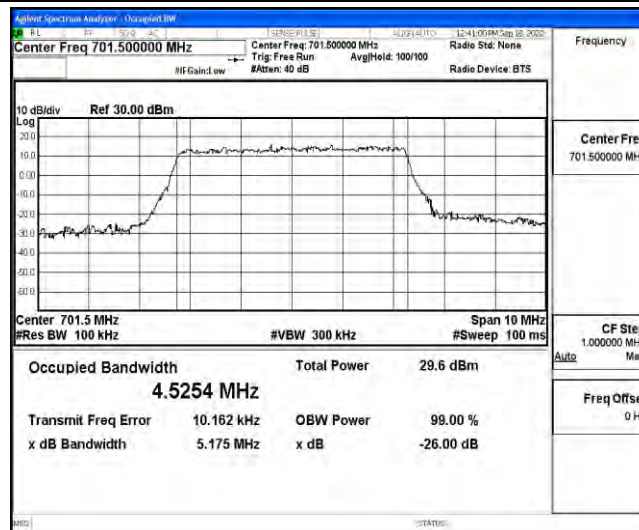


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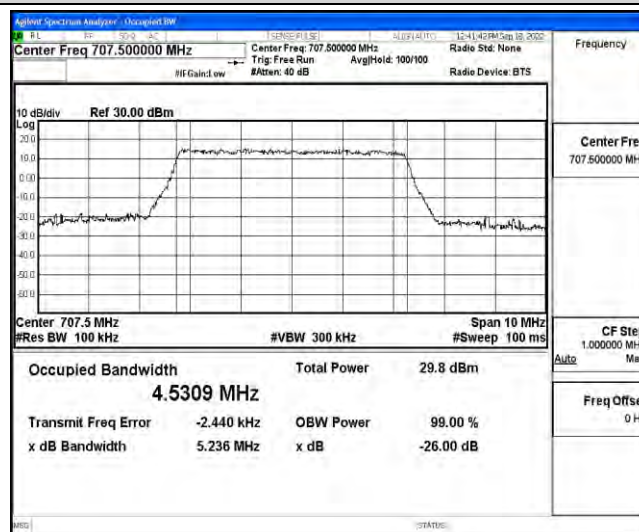




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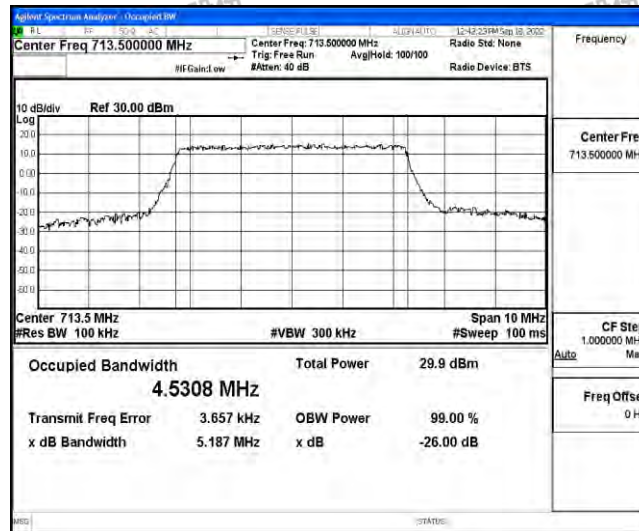


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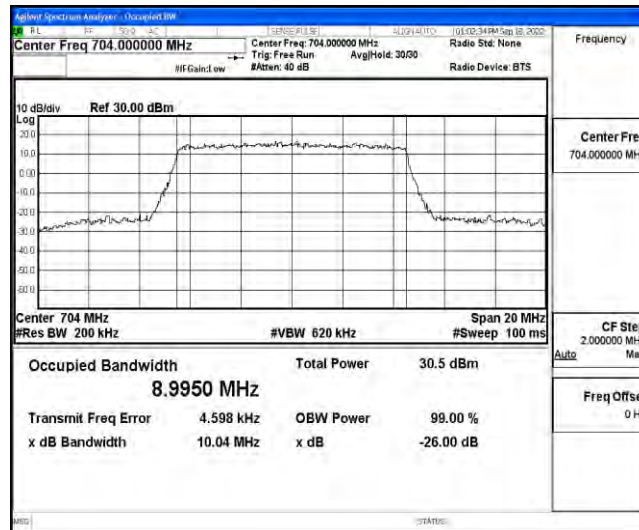


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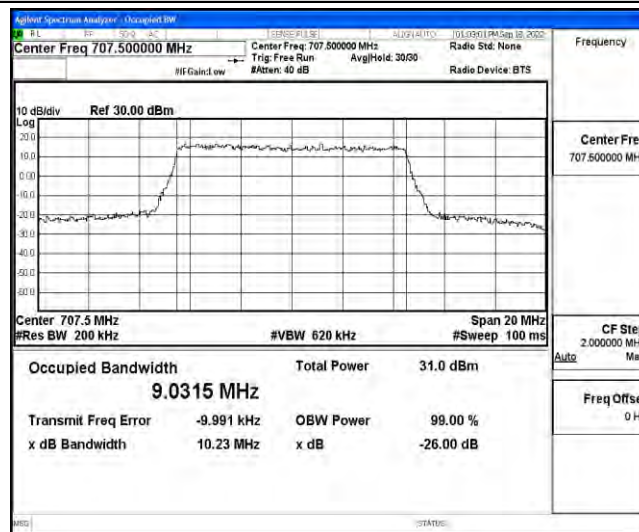




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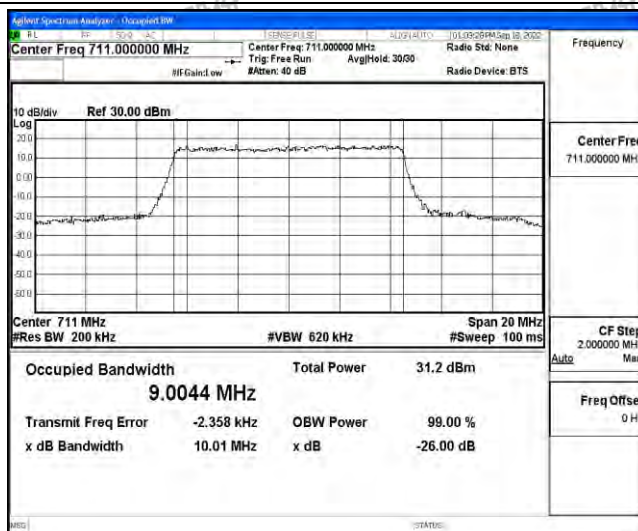


Band12-10MHz-QPSK-23095-50RB#0

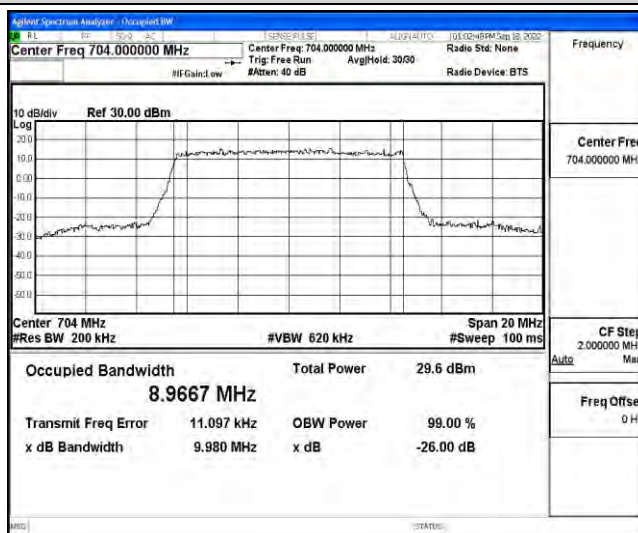


Band12-10MHz-QPSK-23130-50RB#0

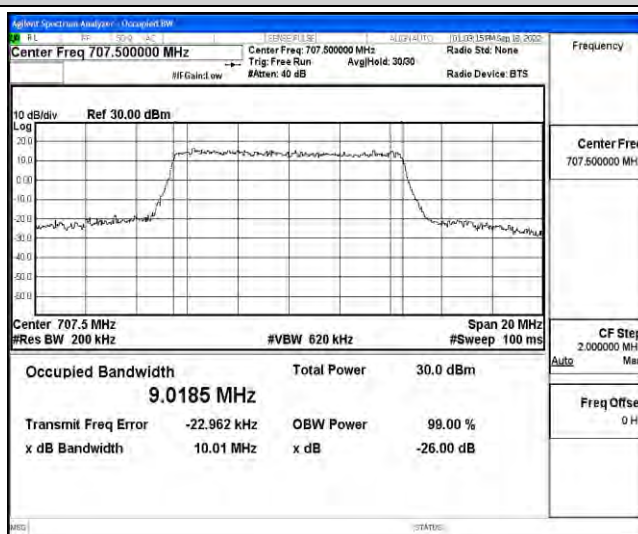




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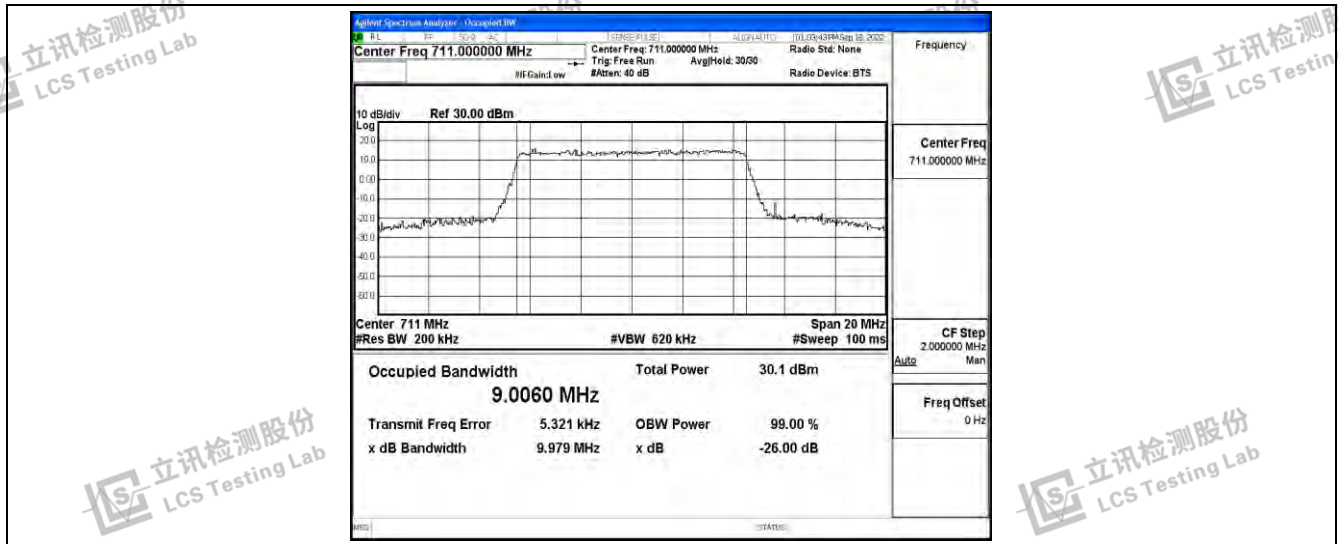


Band12-10MHz-16QAM-23095-50RB#0



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





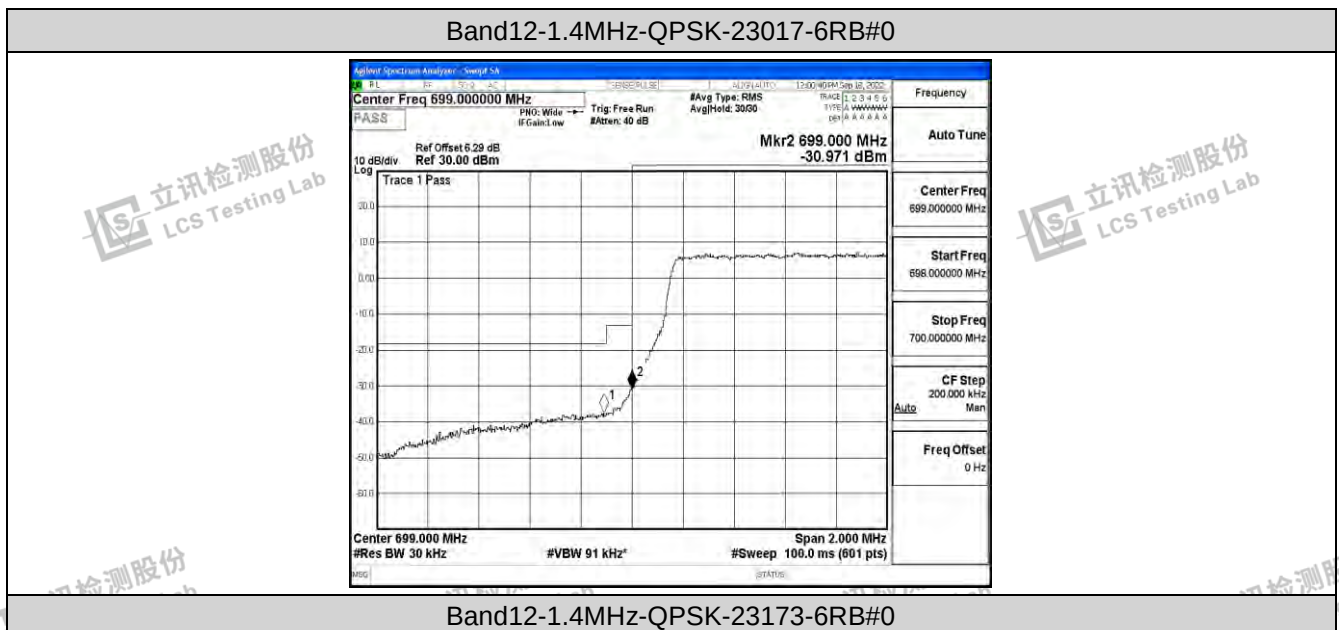


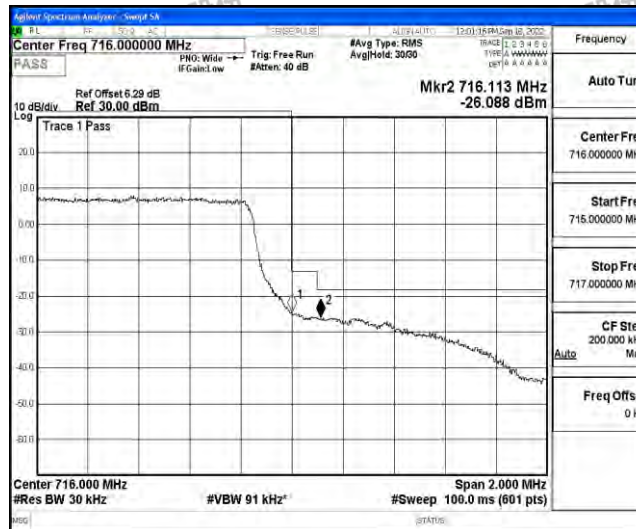
J.4 Band Edge

Test Result

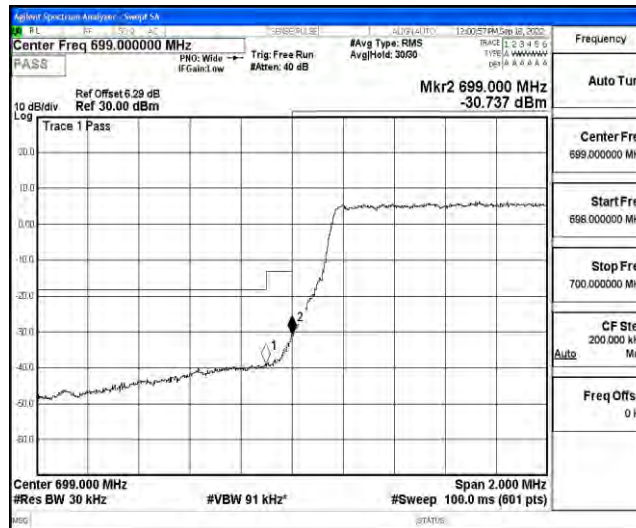
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-37.47,-30.97	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-24.52,-26.09	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-38.85,-30.74	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-26.41,-28.20	PASS
Band12	3MHz	QPSK	23025	15RB#0	-37.61,-31.58	PASS
Band12	3MHz	QPSK	23165	15RB#0	-25.91,-26.81	PASS
Band12	3MHz	16QAM	23025	15RB#0	-40.30,-34.09	PASS
Band12	3MHz	16QAM	23165	15RB#0	-28.06,-28.79	PASS
Band12	5MHz	QPSK	23035	25RB#0	-23.90	PASS
Band12	5MHz	QPSK	23155	25RB#0	-21.87	PASS
Band12	5MHz	16QAM	23035	25RB#0	-25.09	PASS
Band12	5MHz	16QAM	23155	25RB#0	-23.07	PASS
Band12	10MHz	QPSK	23060	50RB#0	-29.42,-27.35	PASS
Band12	10MHz	QPSK	23130	50RB#0	-25.27,-26.22	PASS
Band12	10MHz	16QAM	23060	50RB#0	-30.90,-28.94	PASS
Band12	10MHz	16QAM	23130	50RB#0	-26.60,-28.02	PASS

Test Graphs

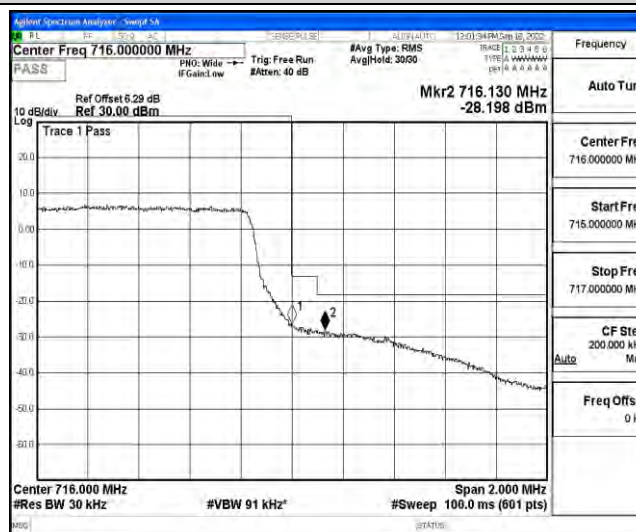




Band12-1.4MHz-16QAM-23017-6RB#0

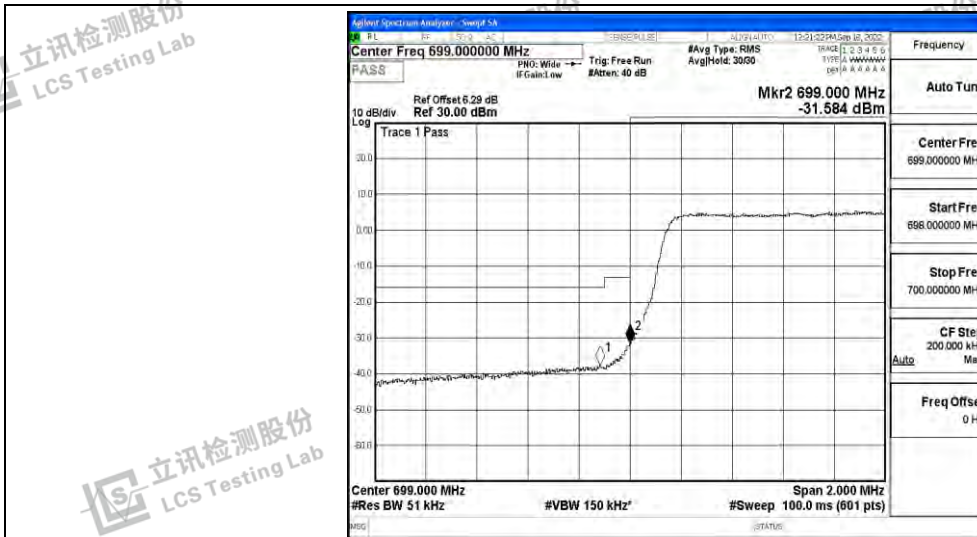


Band12-1.4MHz-16QAM-23173-6RB#0

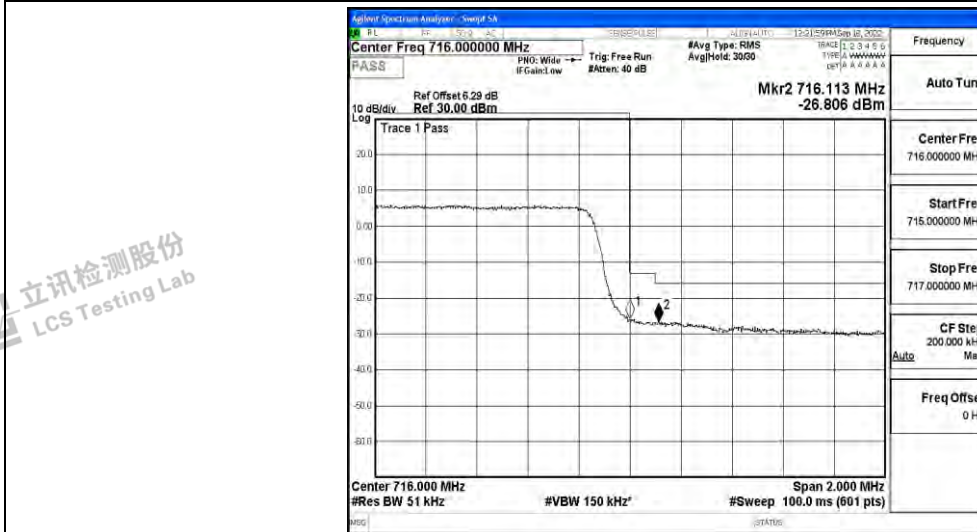


Band12-3MHz-QPSK-23025-15RB#0

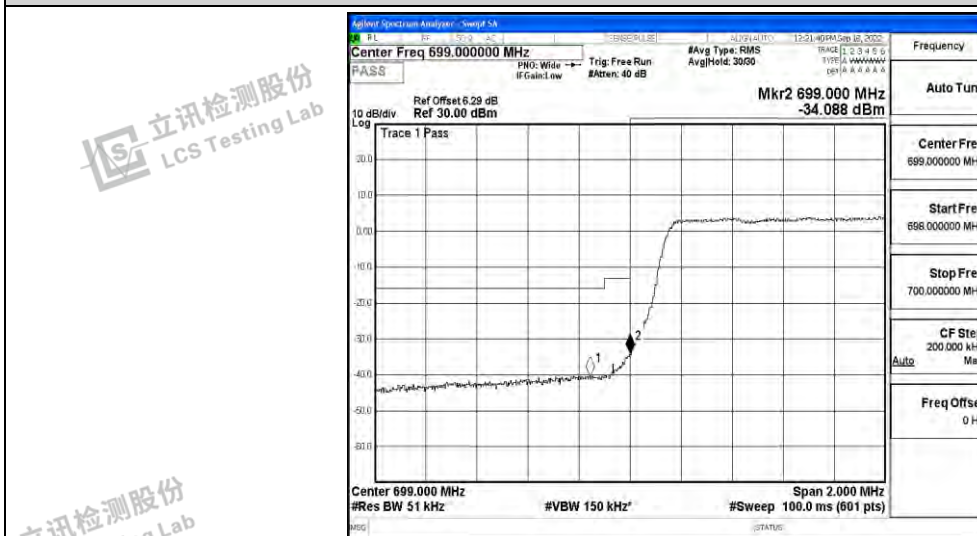




Band12-3MHz-QPSK-23165-15RB#0

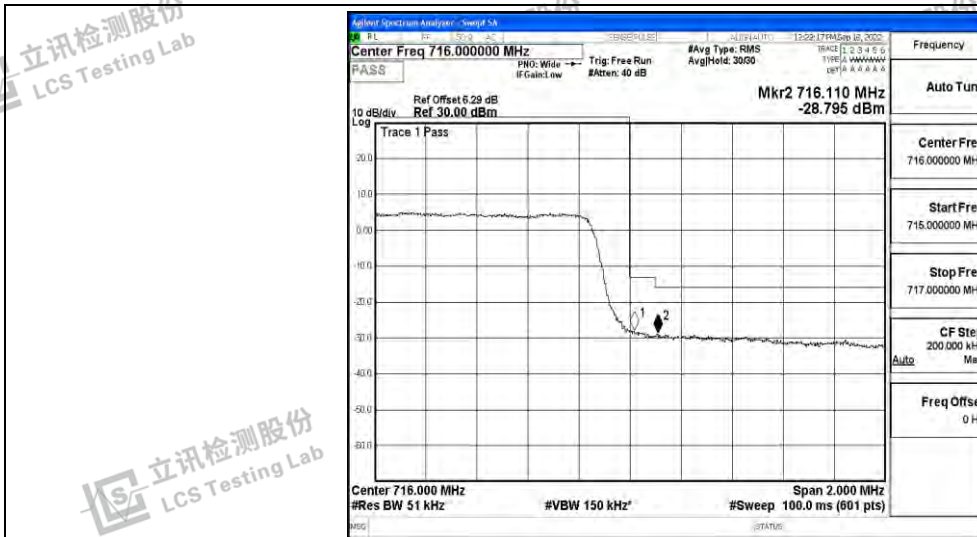


Band12-3MHz-16QAM-23025-15RB#0

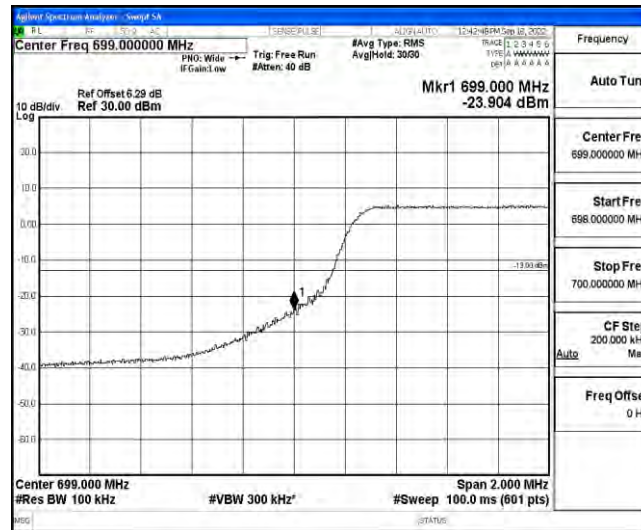


Band12-3MHz-16QAM-23165-15RB#0

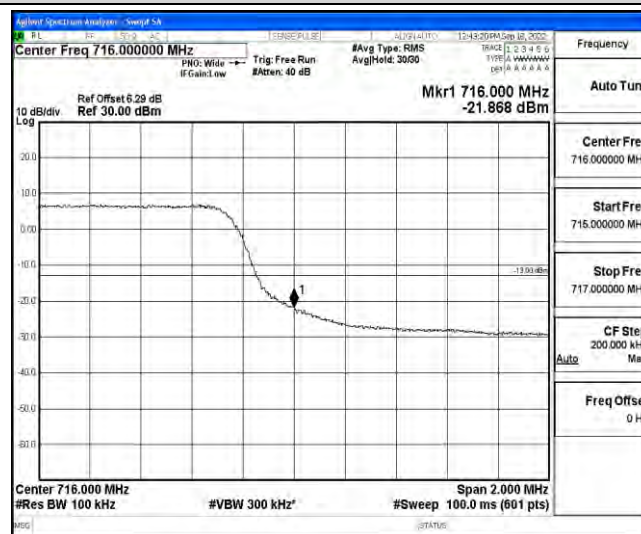




Band12-5MHz-QPSK-23035-25RB#0

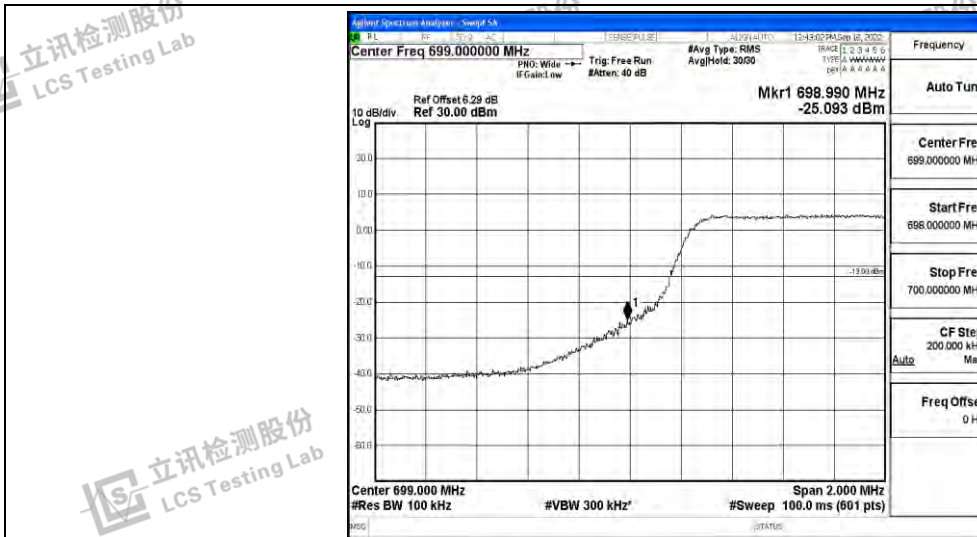


Band12-5MHz-QPSK-23155-25RB#0



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





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

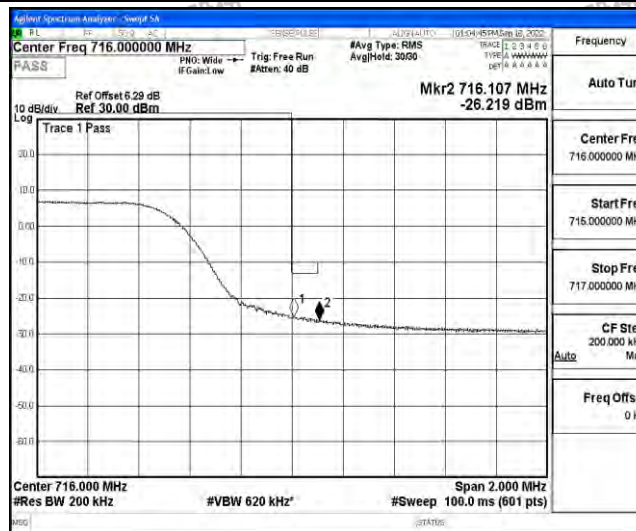


Band12-10MHz-QPSK-23060-50RB#0

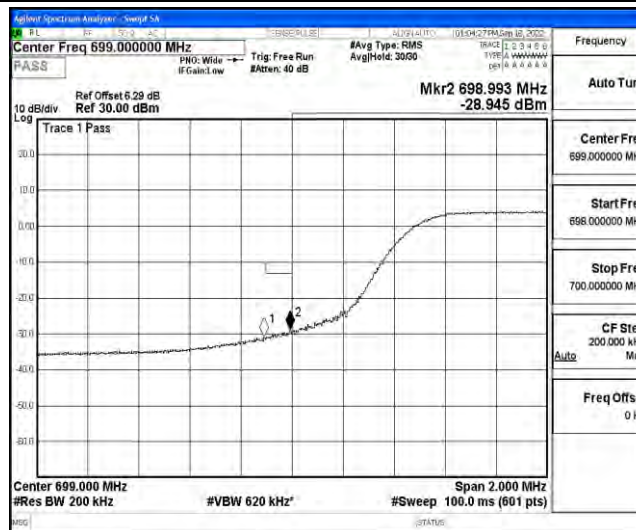


Band12-10MHz-QPSK-23130-50RB#0

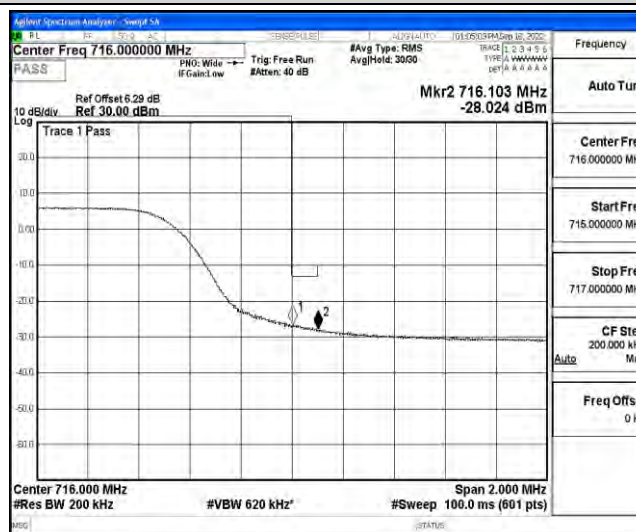




Band12-10MHz-16QAM-23060-50RB#0



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





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	Range1:0.009~0.15MHz	-55.07	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:0.15~30MHz	-49.4	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range3:30~1000MHz	-40.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range4:1000~10000MHz	-44.04	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.33	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.48	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.96	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.06	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:0.009~0.15MHz	-54.71	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:0.15~30MHz	-51.96	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range3:30~1000MHz	-40.49	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range4:1000~10000MHz	-41.42	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:0.009~0.15MHz	-57.23	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:0.15~30MHz	-51.51	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range3:30~1000MHz	-41.1	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range4:1000~10000MHz	-43.95	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.43	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-50.61	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.58	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:0.009~0.15MHz	-56.5	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:0.15~30MHz	-49.98	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range3:30~1000MHz	-40.45	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range4:1000~10000MHz	-42.21	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:0.009~0.15MHz	-53.9	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:0.15~30MHz	-50.39	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range3:30~1000MHz	-40.79	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range4:1000~10000MHz	-44.43	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-53.41	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.75	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-41.18	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.28	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:0.009~0.15MHz	-56	PASS



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Band12	3MHz	QPSK	23165	1RB#0	Range2:0.15~30MHz	-51.76	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range3:30~1000MHz	-40.65	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range4:1000~10000MHz	-41.81	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:0.009~0.15MHz	-55.89	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:0.15~30MHz	-50.83	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range3:30~1000MHz	-40.05	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range4:1000~10000MHz	-44.37	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-56.72	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-51.27	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-41.35	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-39.4	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:0.009~0.15MHz	-54.5	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:0.15~30MHz	-53.12	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range3:30~1000MHz	-40.06	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range4:1000~10000MHz	-41.91	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:0.009~0.15MHz	-55.97	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:0.15~30MHz	-50.52	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range3:30~1000MHz	-41.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range4:1000~10000MHz	-43.88	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-54.09	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.09	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-41.21	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-43.8	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:0.009~0.15MHz	-56.22	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:0.15~30MHz	-49.47	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range3:30~1000MHz	-40.93	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range4:1000~10000MHz	-42.22	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:0.009~0.15MHz	-54.94	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:0.15~30MHz	-51.18	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range3:30~1000MHz	-40.29	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range4:1000~10000MHz	-43.99	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-57.22	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-50.26	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-39.82	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.19	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:0.009~0.15MHz	-55.6	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:0.15~30MHz	-51.33	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range3:30~1000MHz	-41.34	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range4:1000~10000MHz	-42.91	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:0.009~0.15MHz	-55.23	PASS



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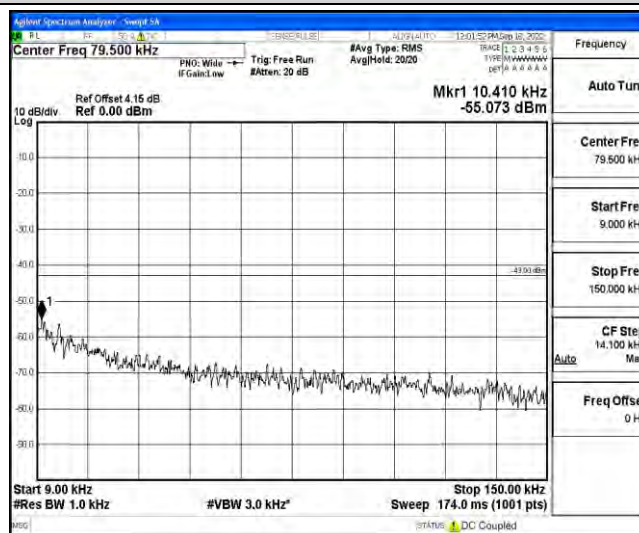
Scan code to check authenticity



Band12	10MHz	QPSK	23060	1RB#0	Range2:0.15~30MHz	-50.94	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range3:30~1000MHz	-40.98	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range4:1000~10000MHz	-43.32	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-54.68	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.49	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-41.18	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-43.14	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:0.009~0.15MHz	-54.47	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:0.15~30MHz	-49.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range3:30~1000MHz	-40.42	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range4:1000~10000MHz	-43.43	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:0.009~0.15MHz	-55.04	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:0.15~30MHz	-51.83	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range3:30~1000MHz	-41.57	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range4:1000~10000MHz	-44.59	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-56.27	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-50.57	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-41.38	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-43.46	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:0.009~0.15MHz	-55.96	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:0.15~30MHz	-51.06	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range3:30~1000MHz	-40.67	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range4:1000~10000MHz	-44.68	PASS

Test Graphs

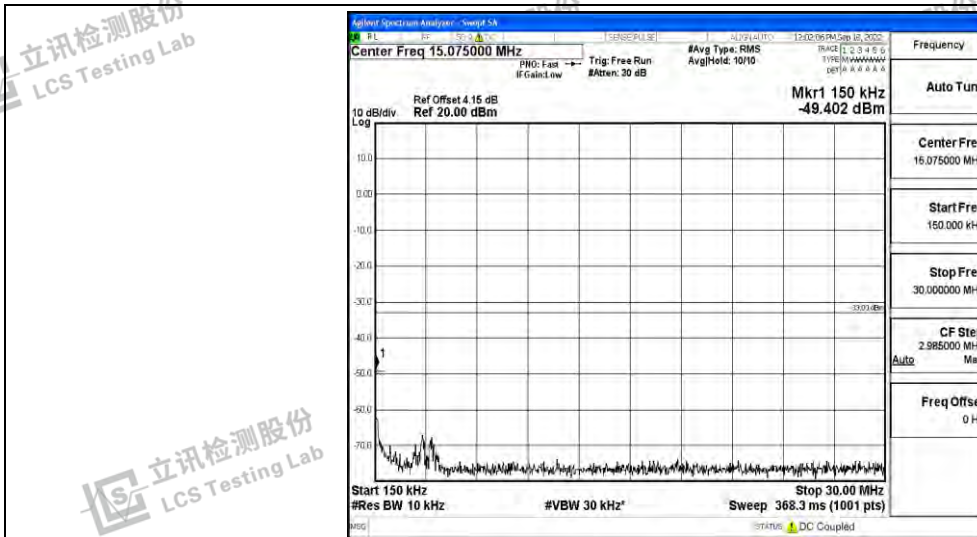
Band12-1.4MHz-QPSK-23017-1RB#0-Range1:0.009~0.15MHz



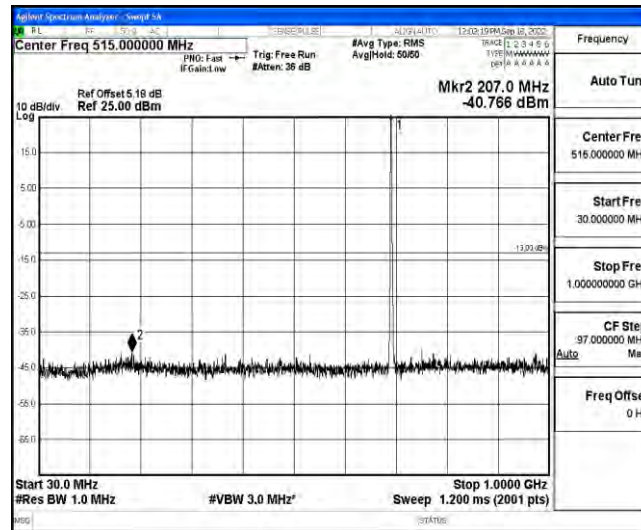
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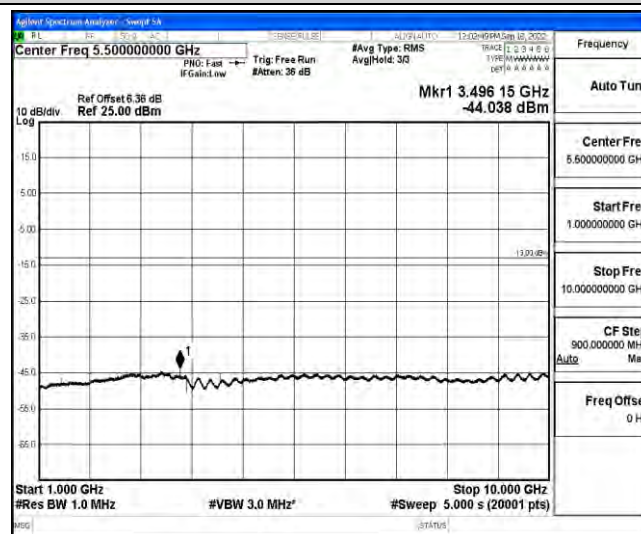
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Band12-1.4MHz-QPSK-23017-1RB#0-Range3:30~1000MHz

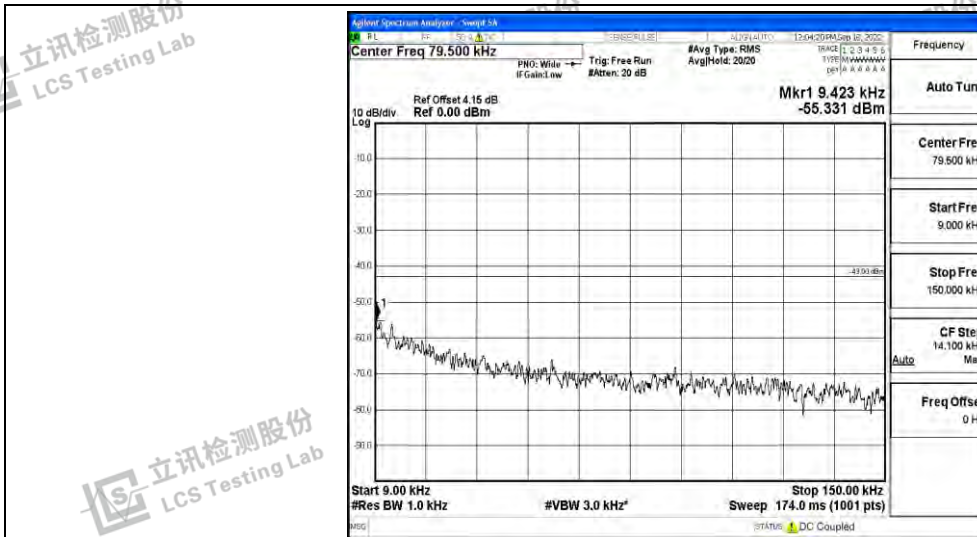


Band12-1.4MHz-QPSK-23017-1RB#0-Range4:1000~10000MHz



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

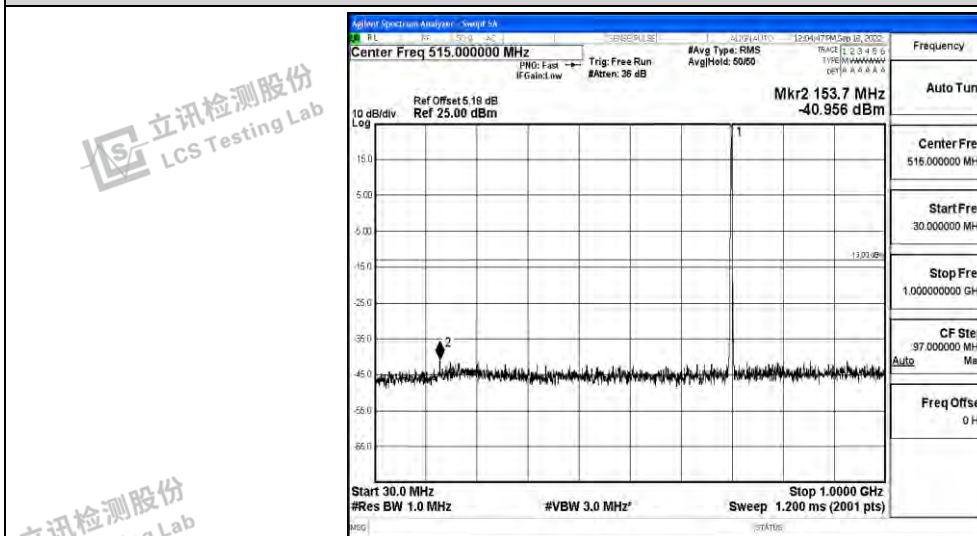




Band12-1.4MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



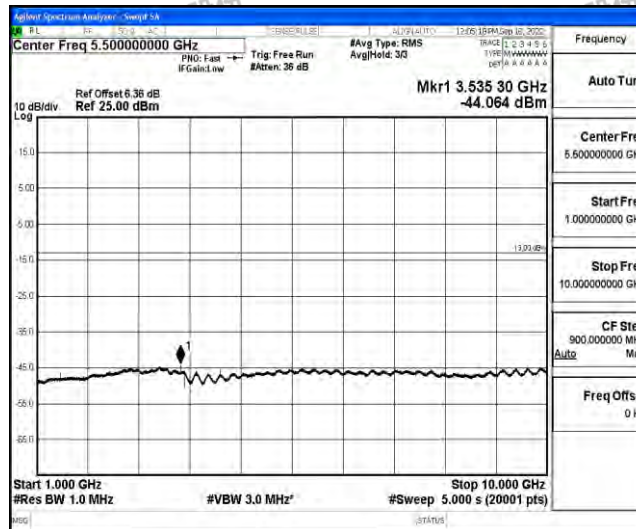
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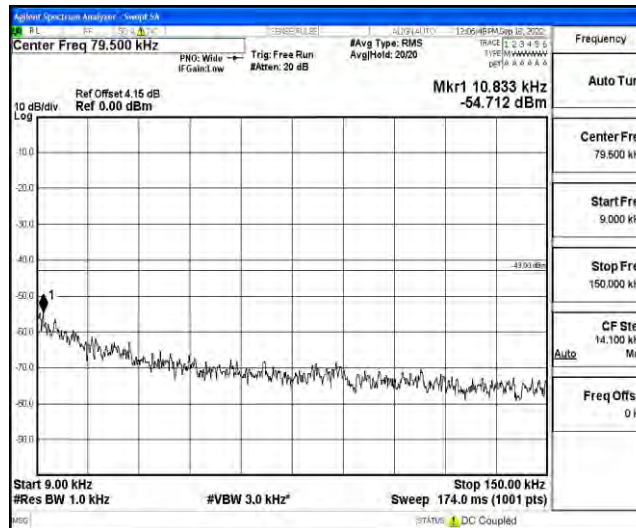
Band12-1.4MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



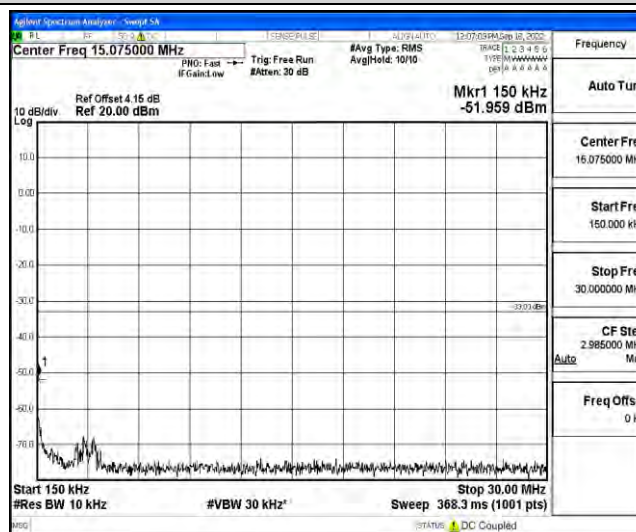
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Band12-1.4MHz-QPSK-23173-1RB#0-Range1:0.009~0.15MHz



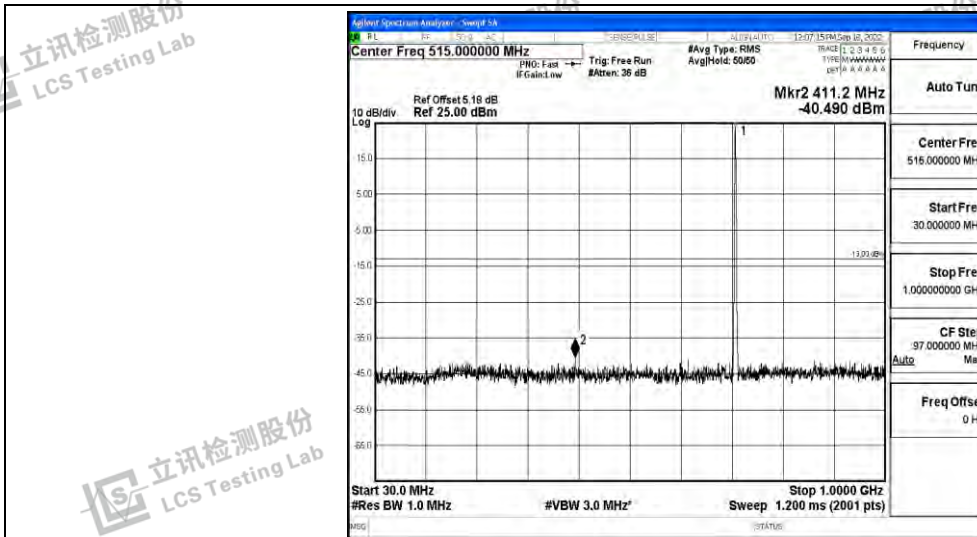
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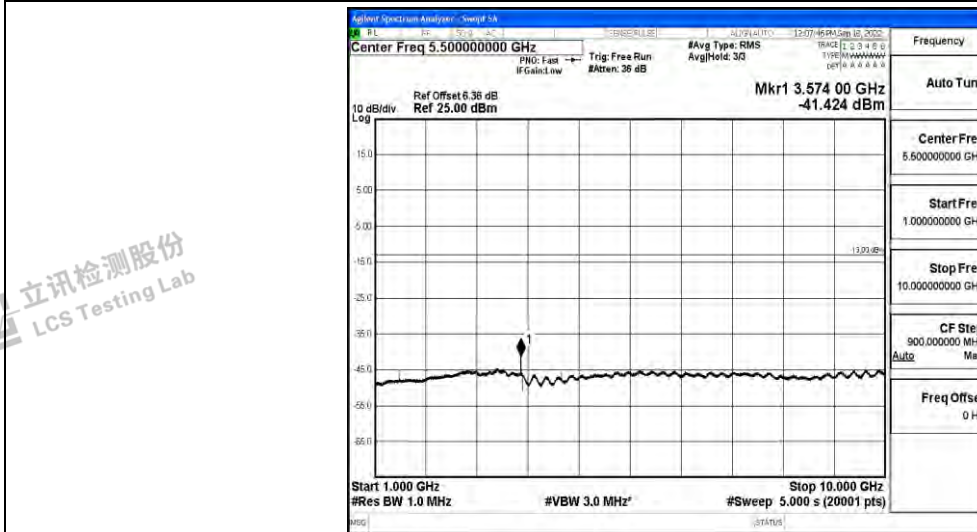
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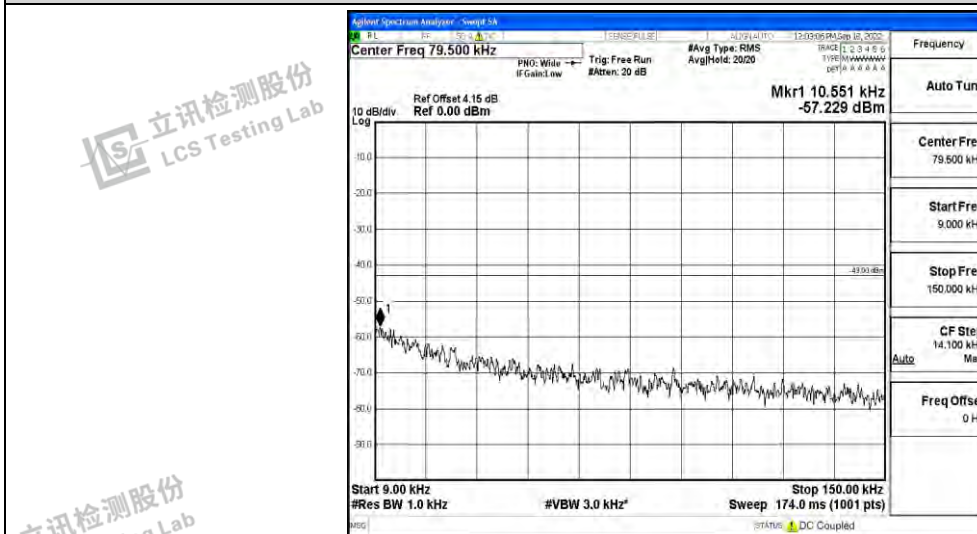
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Band12-1.4MHz-QPSK-23173-1RB#0-Range4:1000~10000MHz

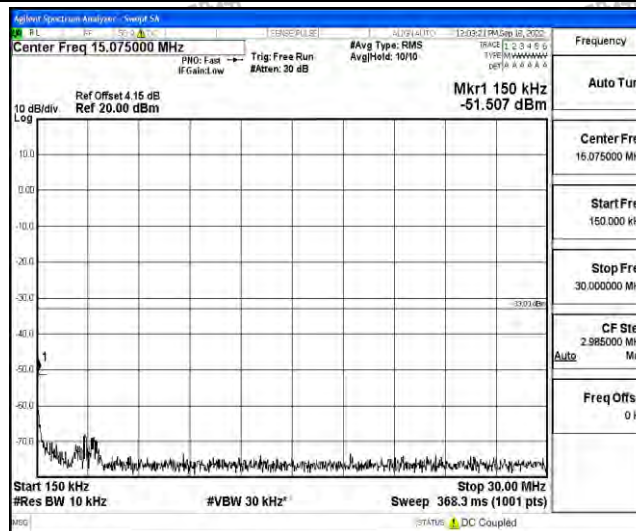


Band12-1.4MHz-16QAM-23017-1RB#0-Range1:0.009~0.15MHz

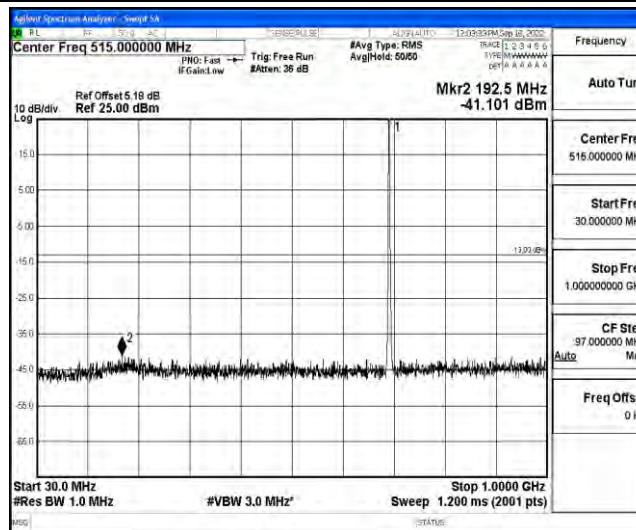


Band12-1.4MHz-16QAM-23017-1RB#0-Range2:0.15~30MHz

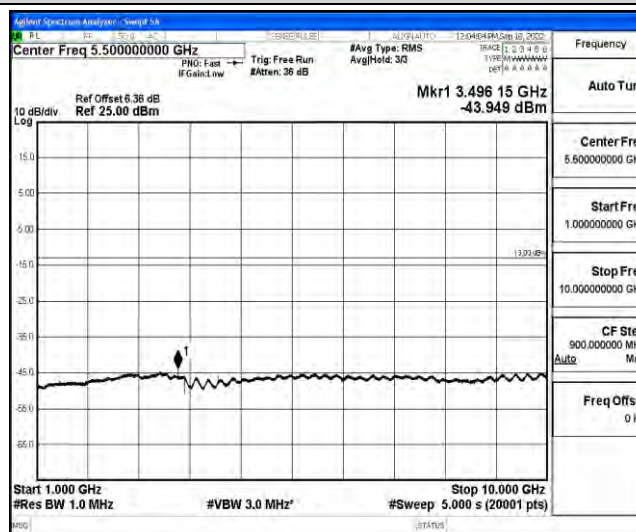




Band12-1.4MHz-16QAM-23017-1RB#0-Range3:30~1000MHz

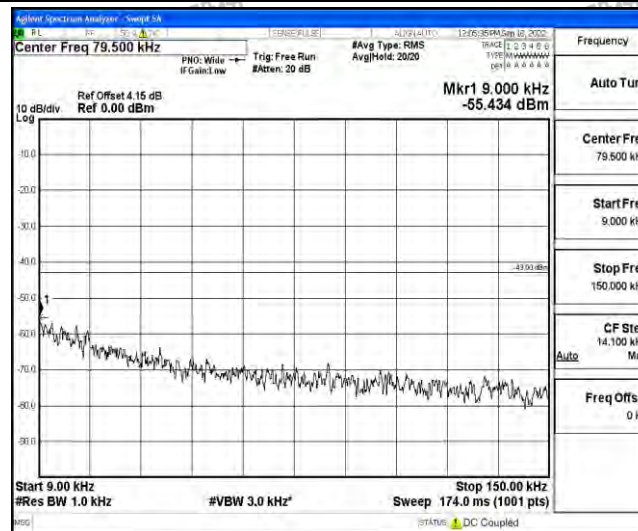


Band12-1.4MHz-16QAM-23017-1RB#0-Range4:1000~10000MHz



Band12-1.4MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz

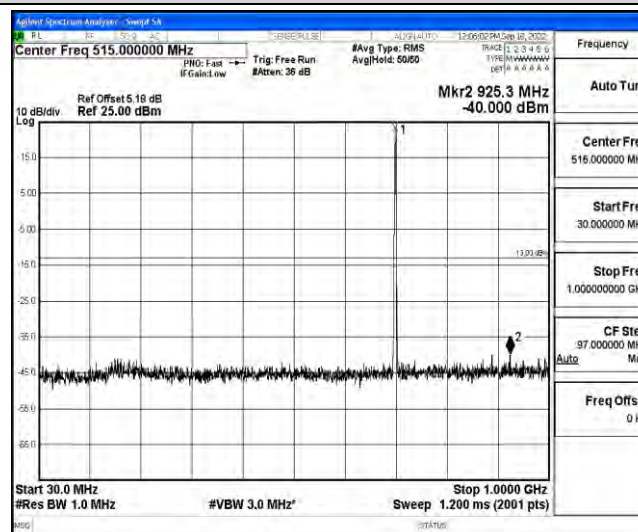




Band12-1.4MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz



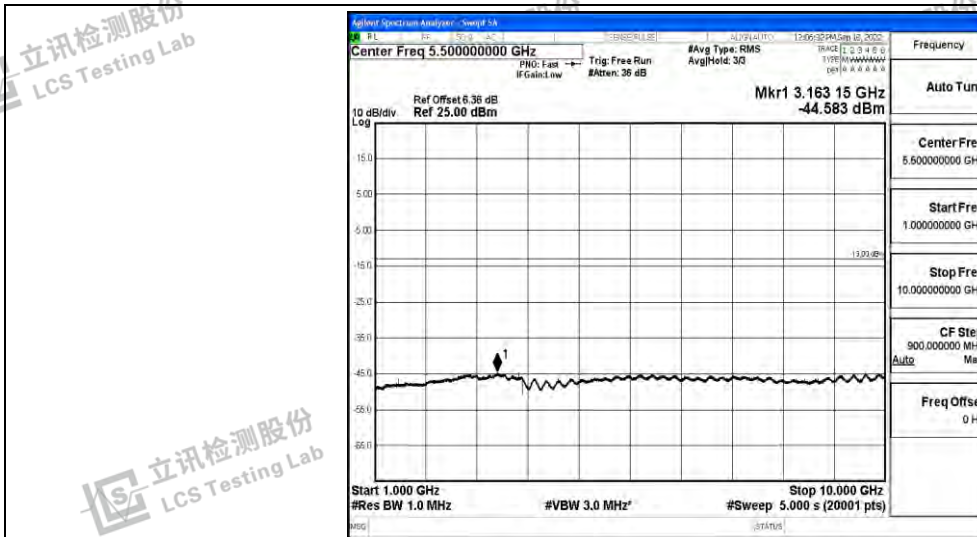
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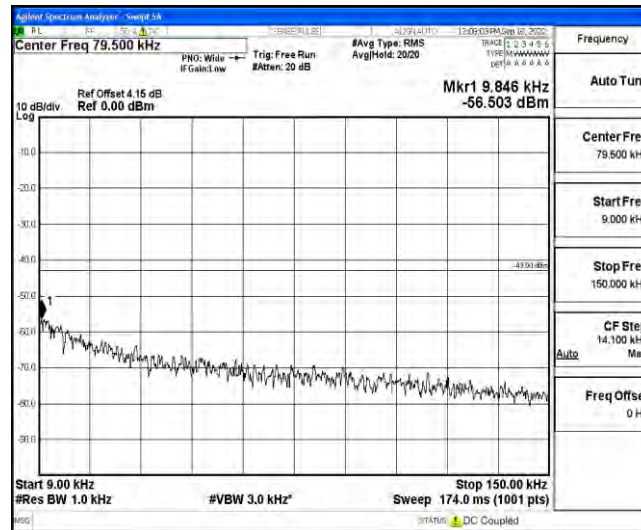
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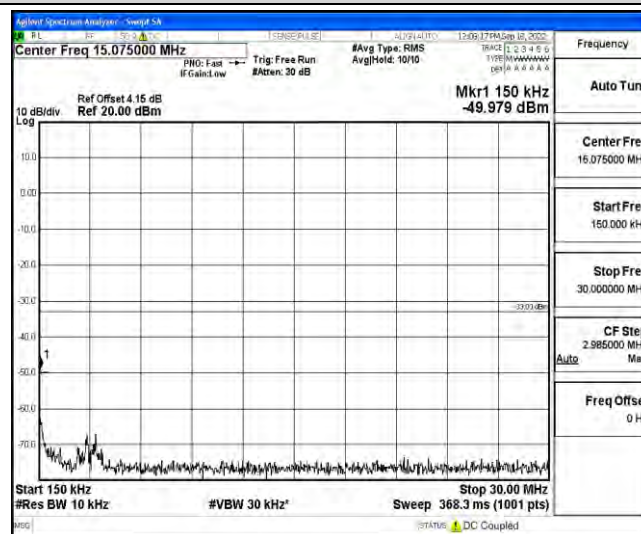
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Band12-1.4MHz-16QAM-23173-1RB#0-Range1:0.009~0.15MHz



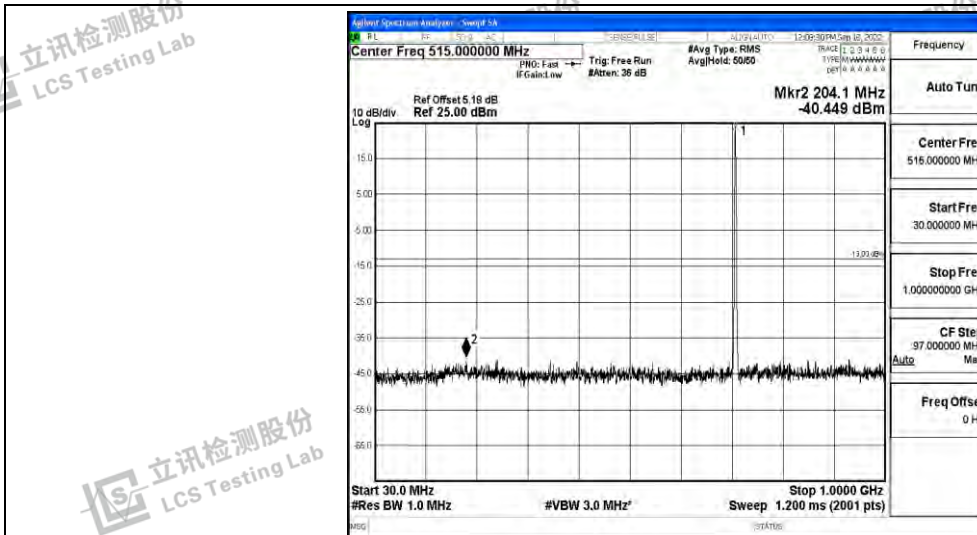
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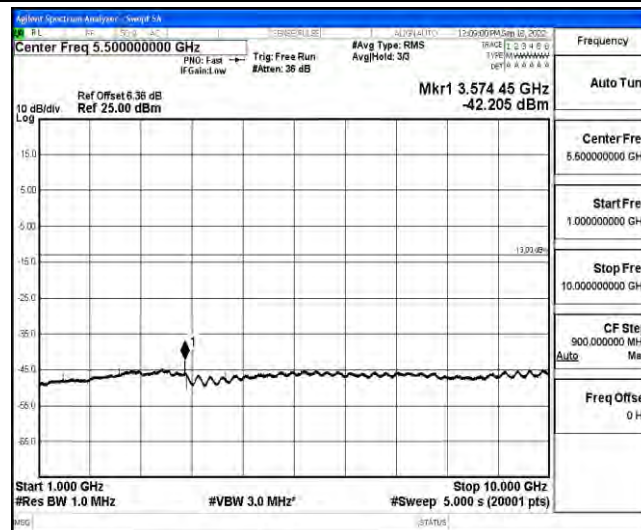
Band12-1.4MHz-16QAM-23173-1RB#0-Range3:30~1000MHz



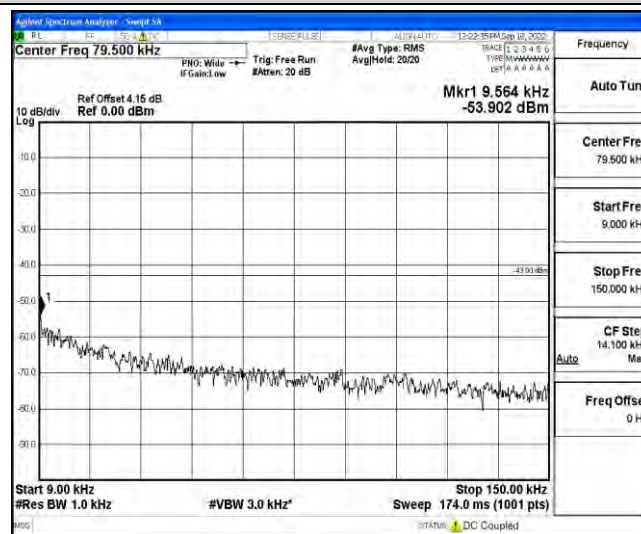
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Band12-1.4MHz-16QAM-23173-1RB#0-Range4:1000~10000MHz

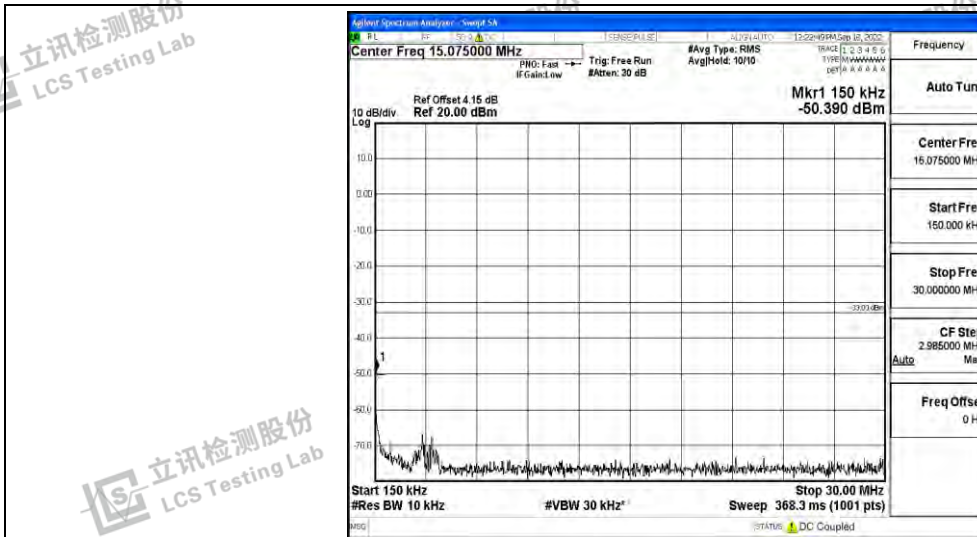


Band12-3MHz-QPSK-23025-1RB#0-Range1:0.009~0.15MHz

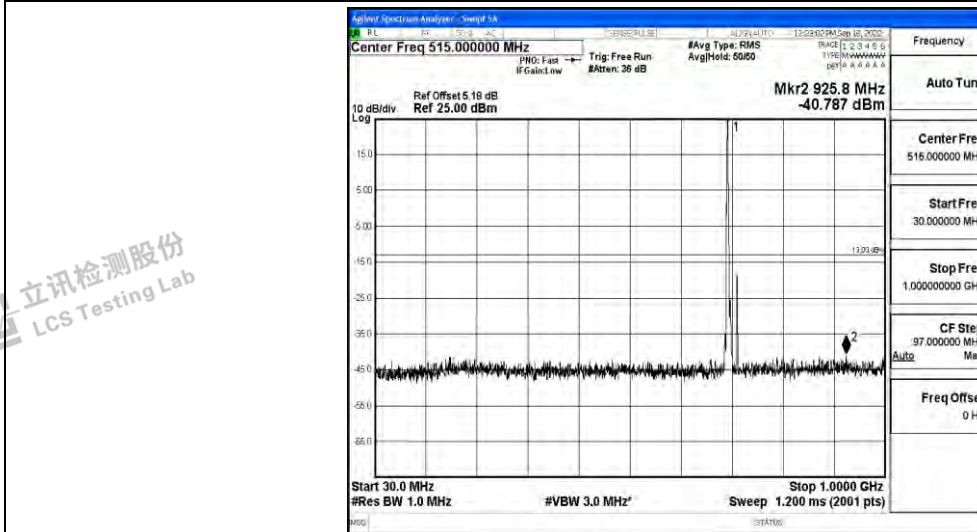


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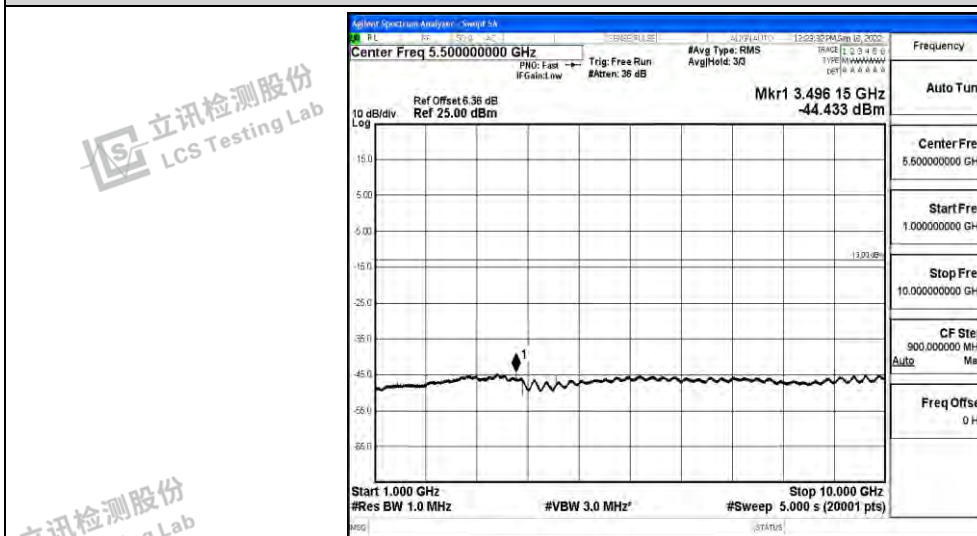




Band12-3MHz-QPSK-23025-1RB#0-Range3:30~1000MHz

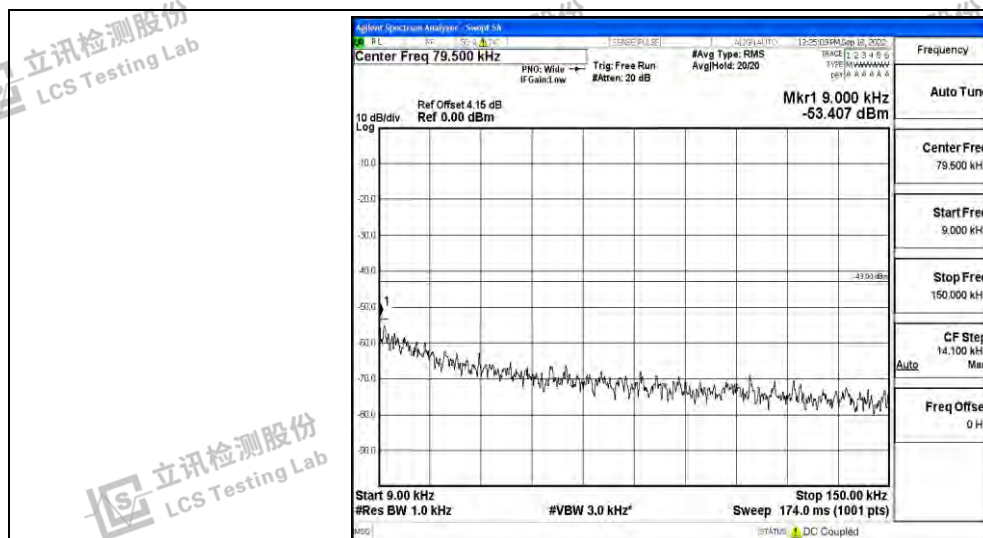


Band12-3MHz-QPSK-23025-1RB#0-Range4:1000~10000MHz

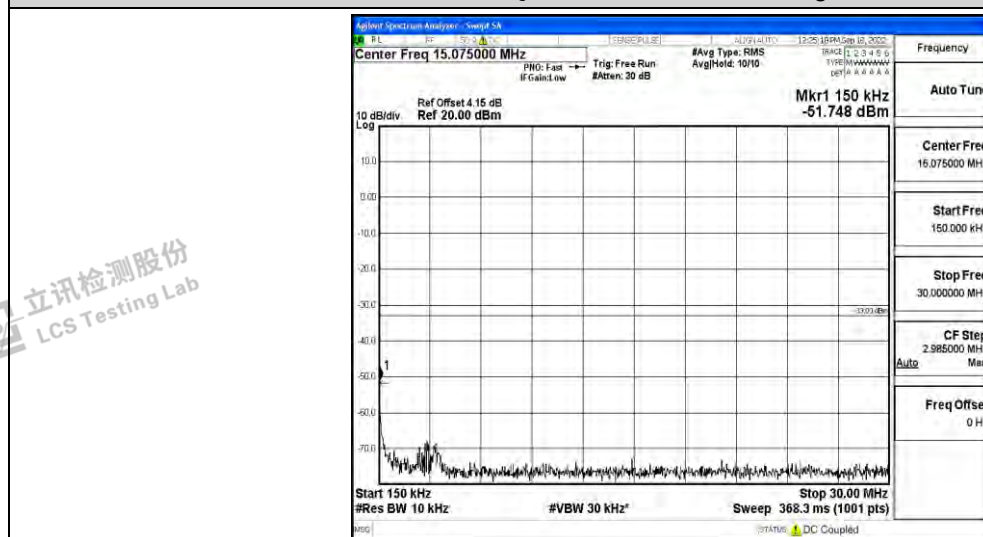


Band12-3MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz

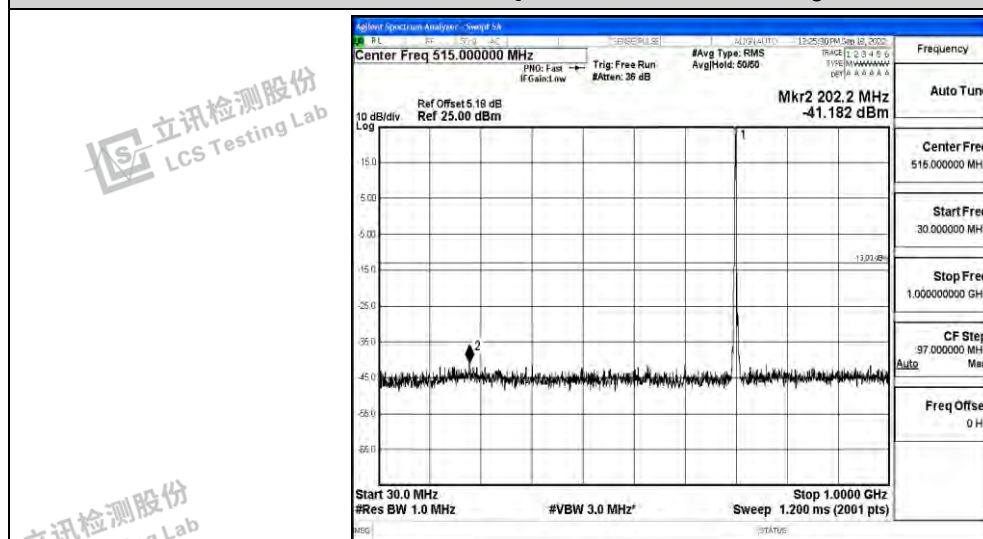




Band12-3MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz

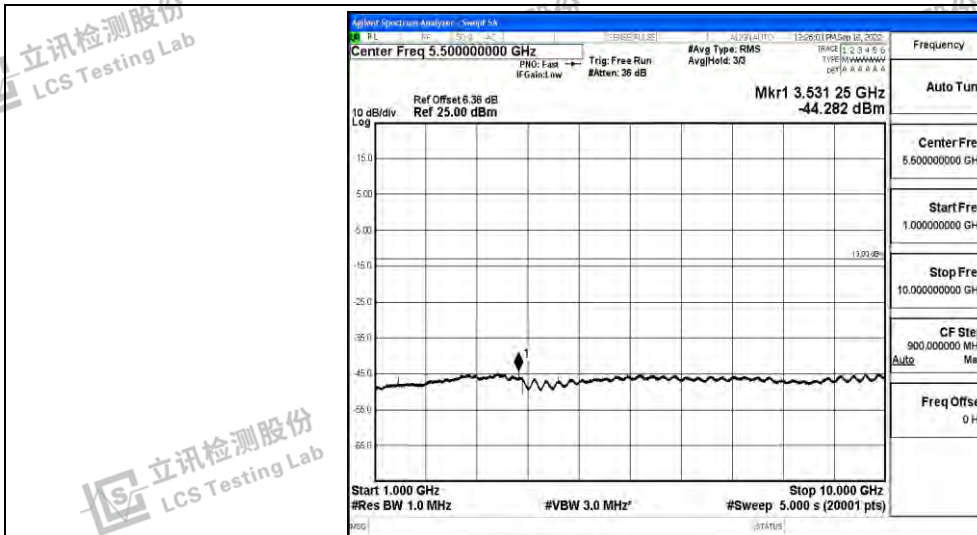


Band12-3MHz-QPSK-23095-1RB#0-Range3:30~1000MHz

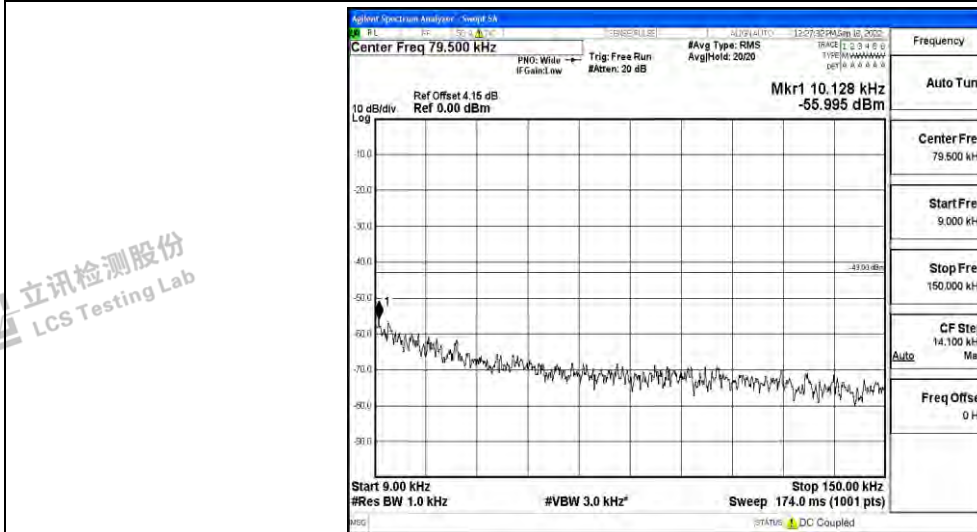


Band12-3MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz

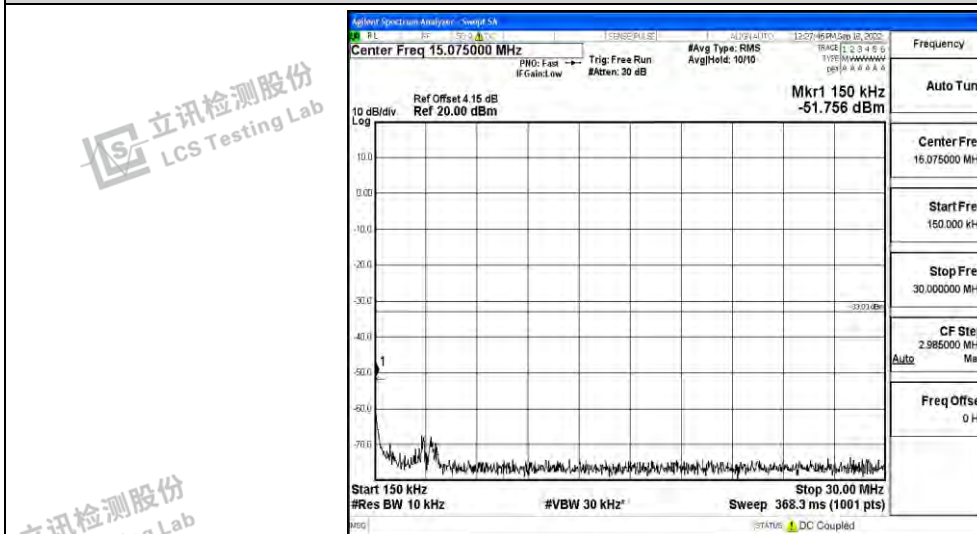




Band12-3MHz-QPSK-23165-1RB#0-Range1:0.009~0.15MHz

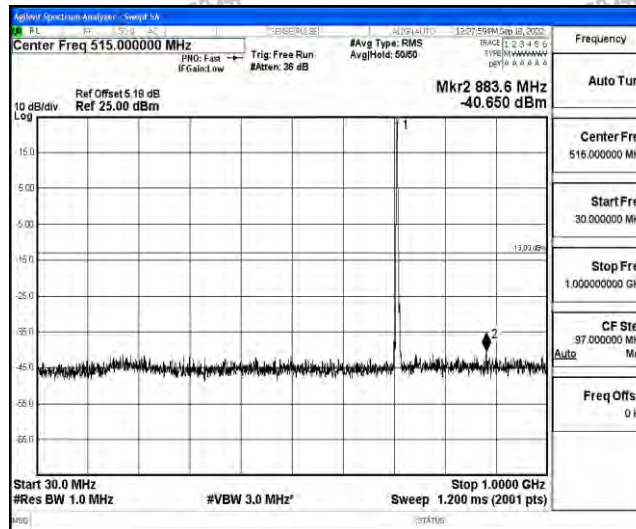


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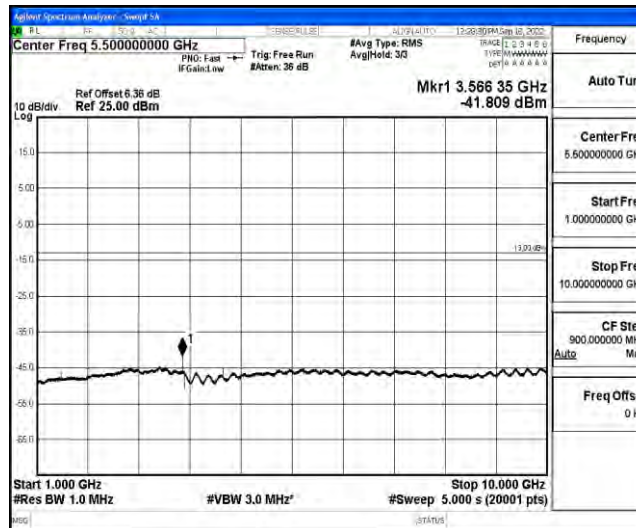


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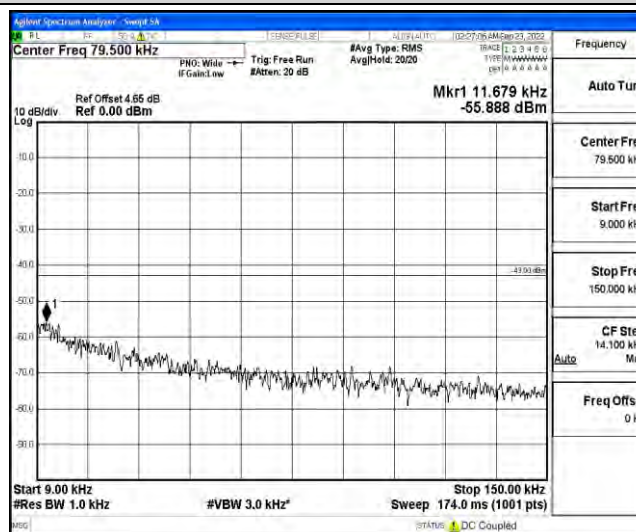




Band12-3MHz-QPSK-23165-1RB#0-Range4:1000~10000MHz

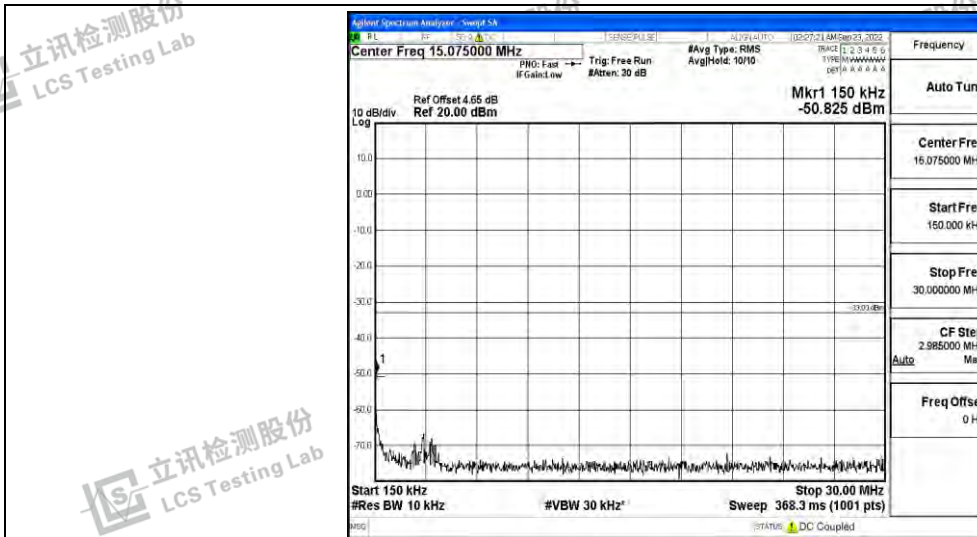


Band12-3MHz-16QAM-23025-1RB#0-Range1:0.009~0.15MHz

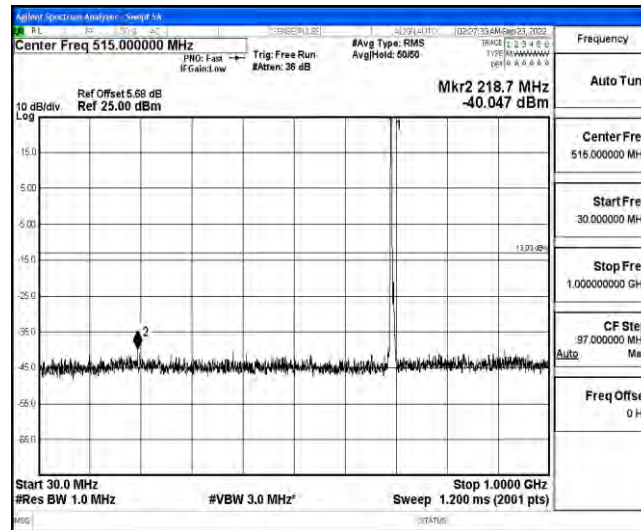


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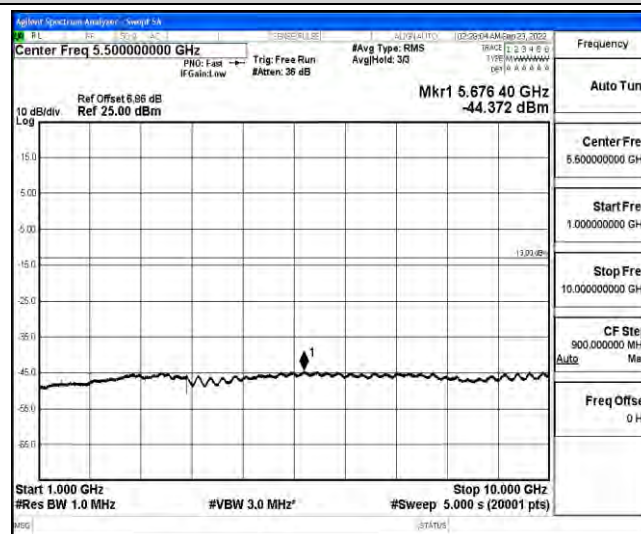




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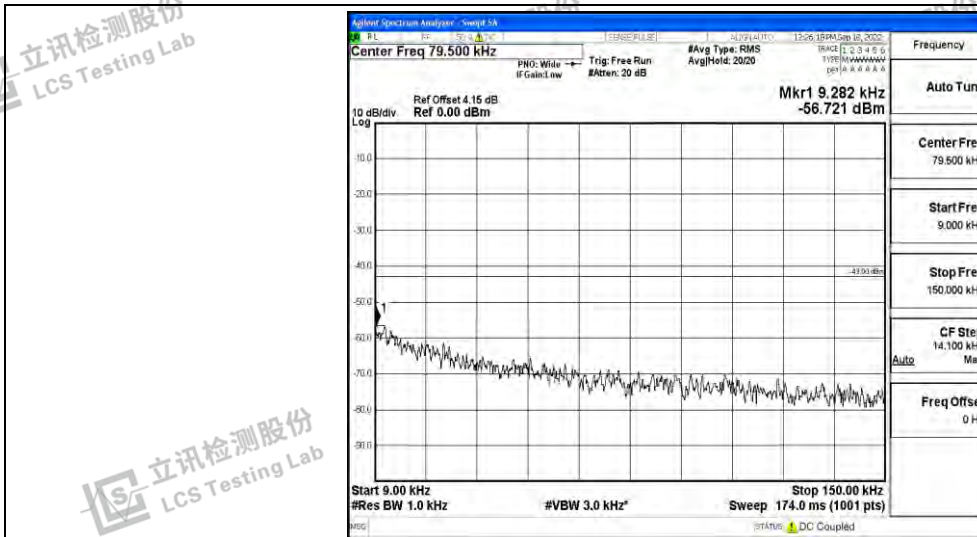


Band12-3MHz-16QAM-23025-1RB#0-Range4:1000~10000MHz



Band12-3MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz

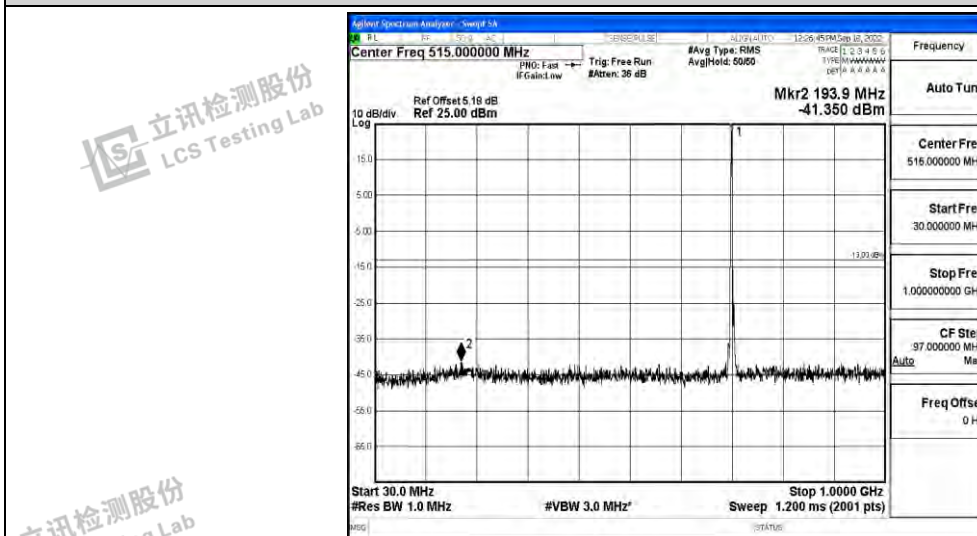




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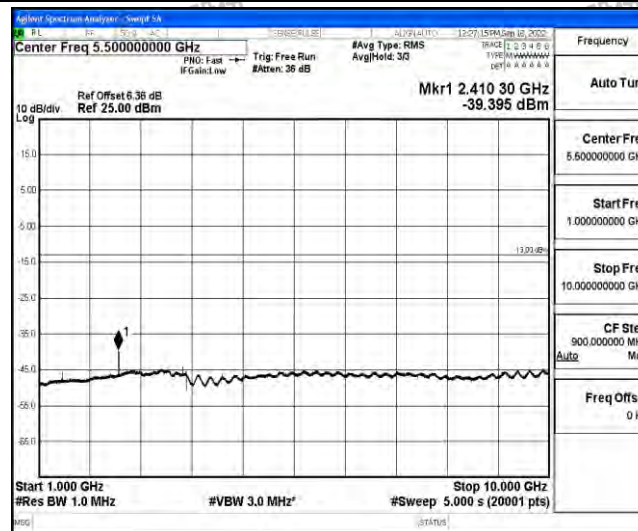


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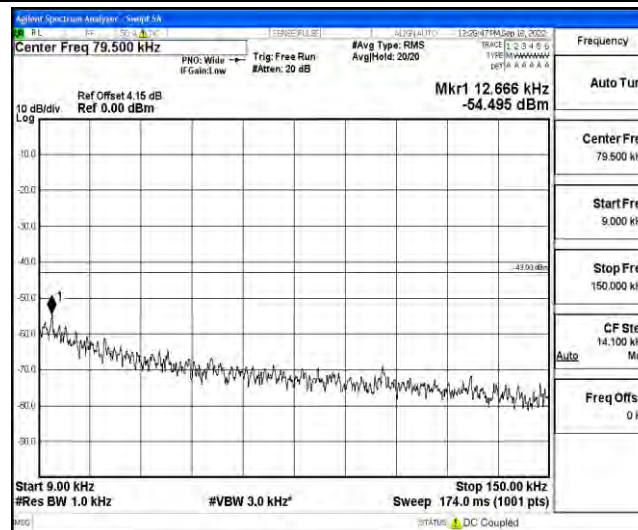


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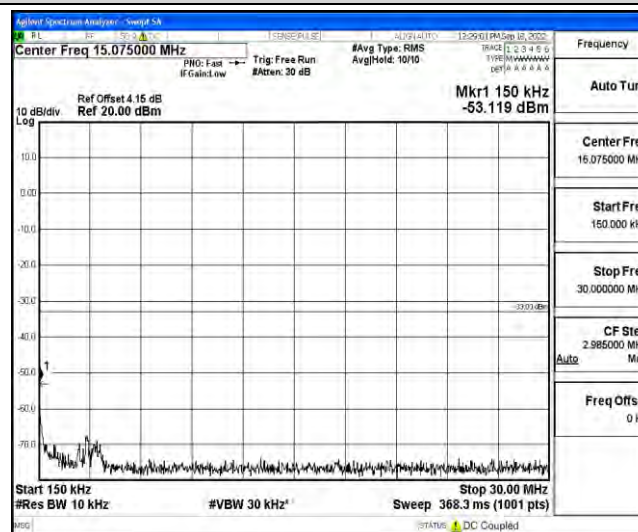




Band12-3MHz-16QAM-23165-1RB#0-Range1:0.009~0.15MHz

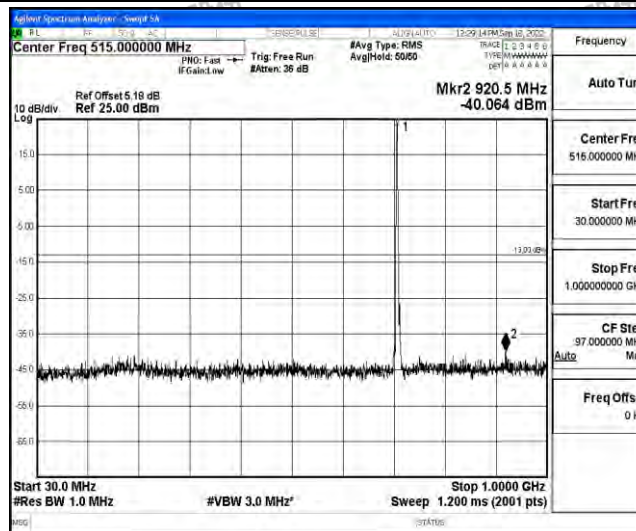


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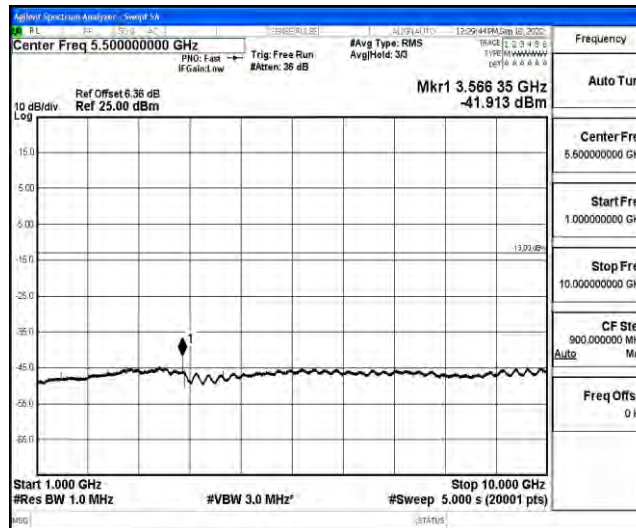


Band12-3MHz-16QAM-23165-1RB#0-Range3:30~1000MHz

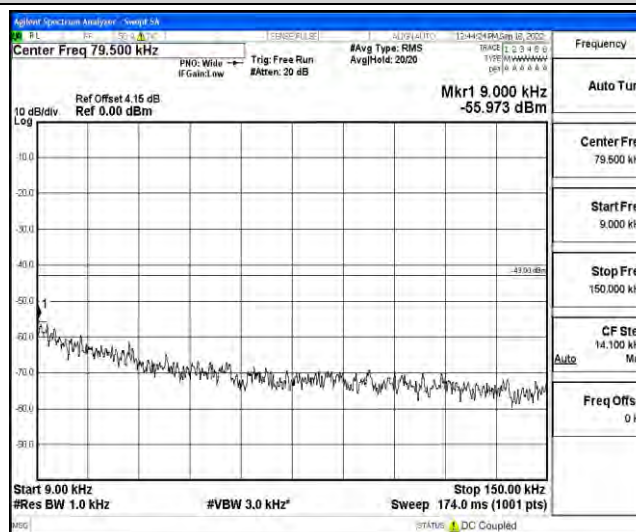




Band12-3MHz-16QAM-23165-1RB#0-Range4:1000~10000MHz



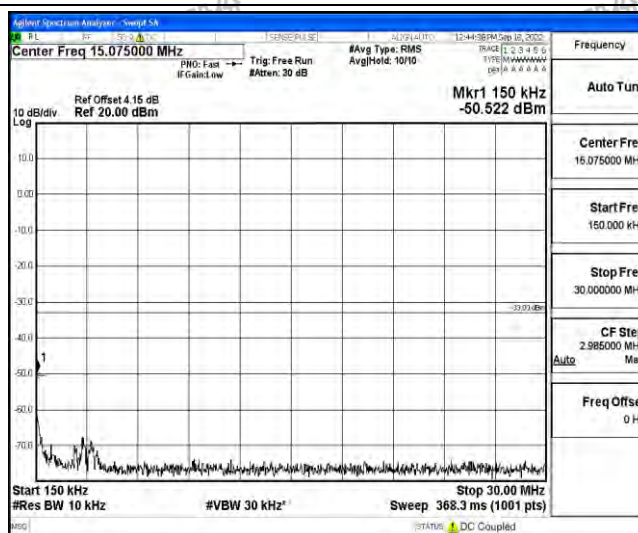
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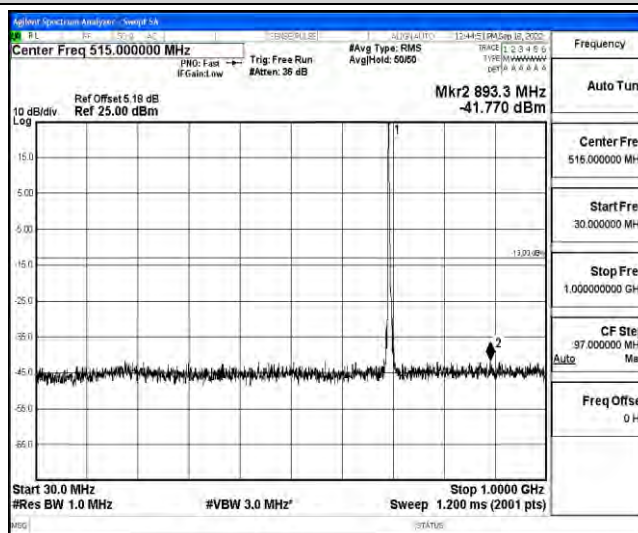
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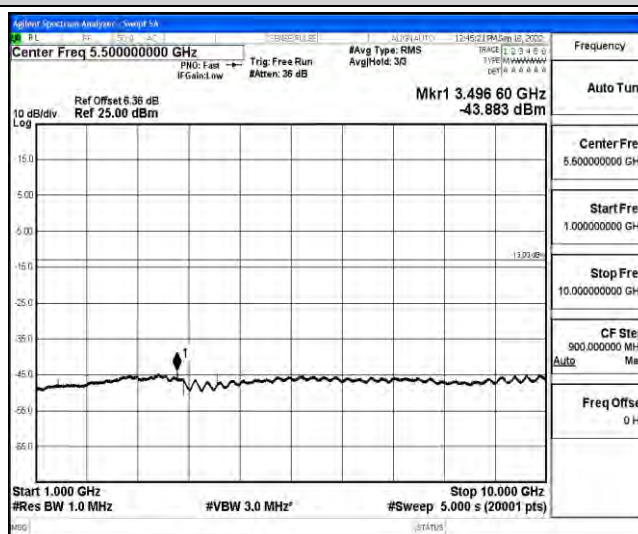
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Band12-5MHz-QPSK-23035-1RB#0-Range3:30~1000MHz



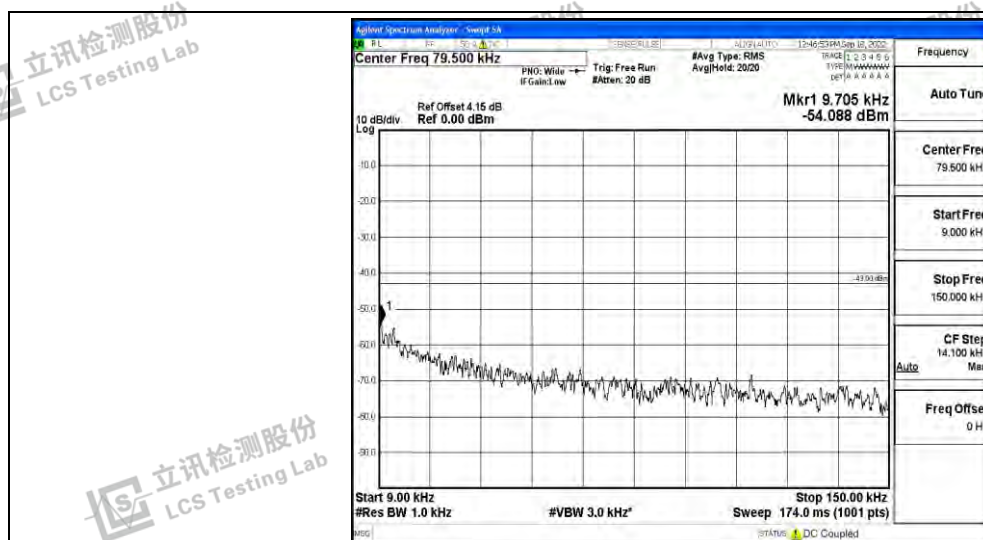
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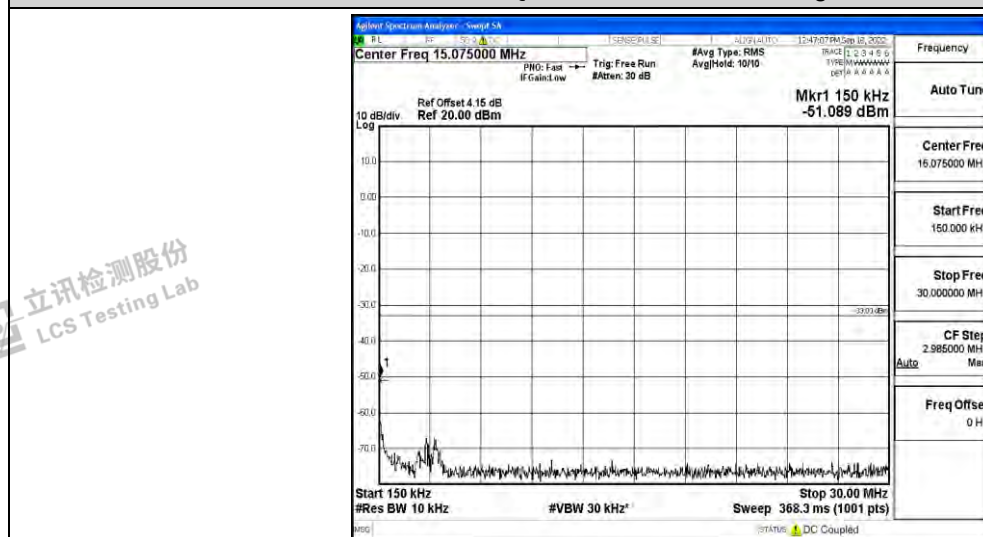
Band12-5MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz



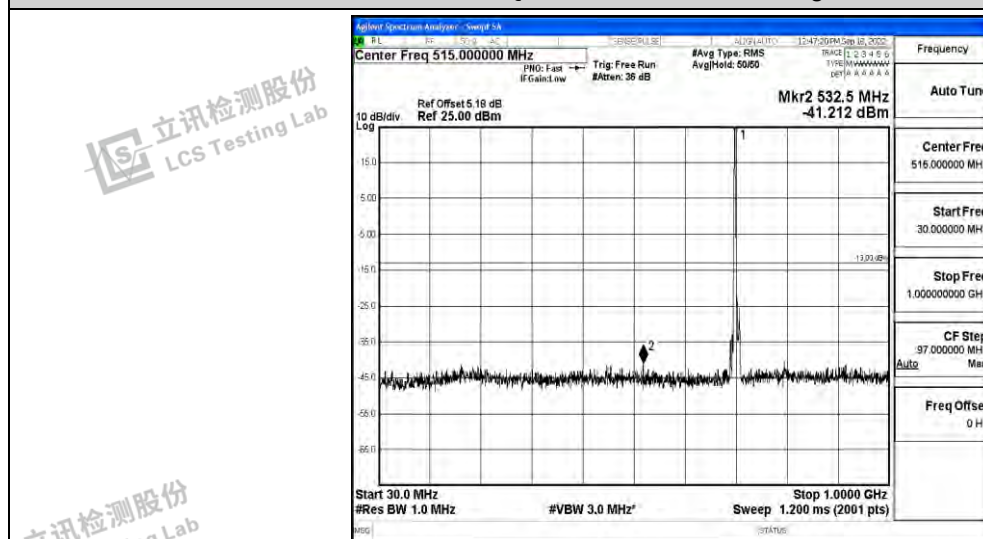
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Band12-5MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



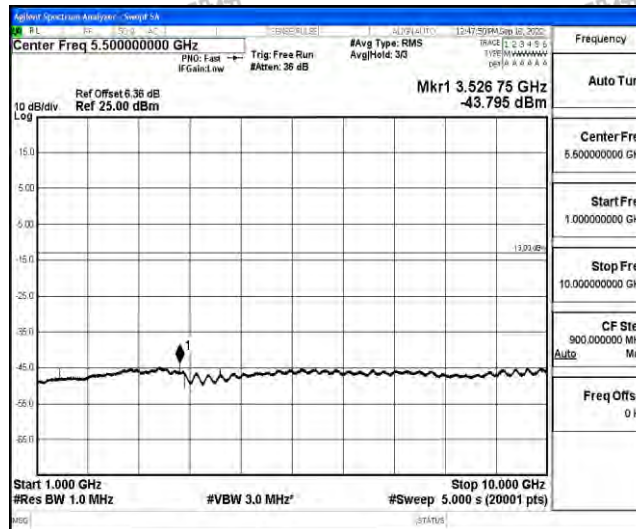
Band12-5MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



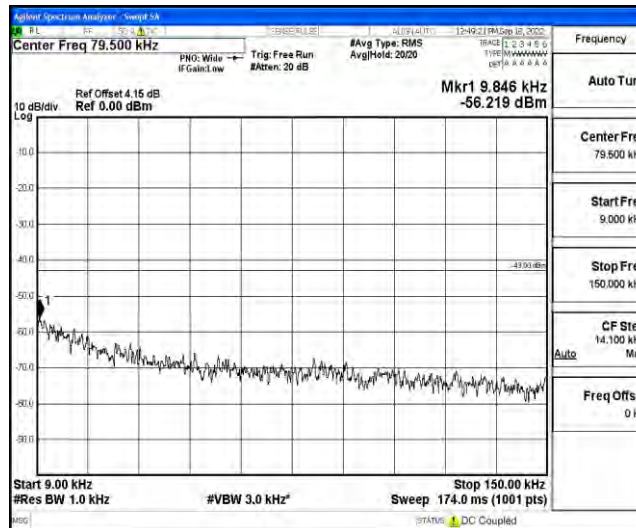
Band12-5MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



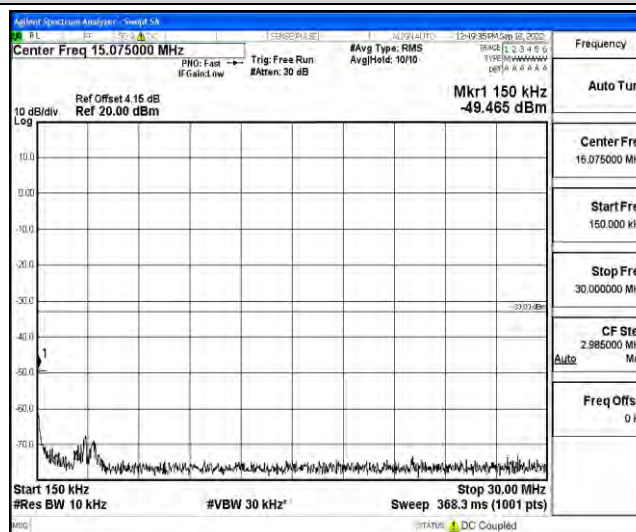
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Band12-5MHz-QPSK-23155-1RB#0-Range1:0.009~0.15MHz

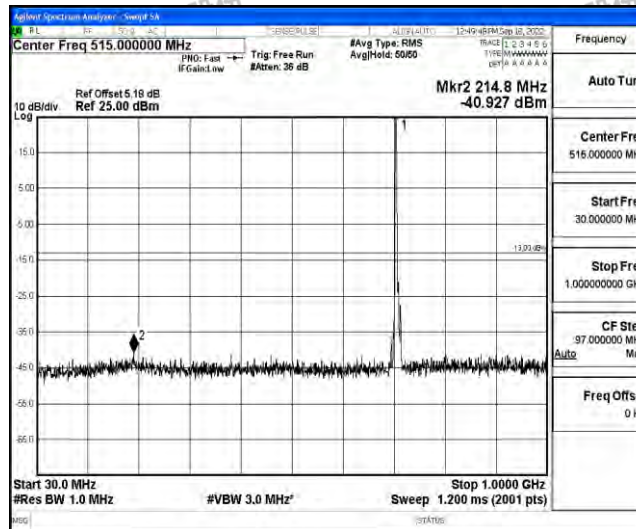


Band12-5MHz-QPSK-23155-1RB#0-Range2:0.15~30MHz

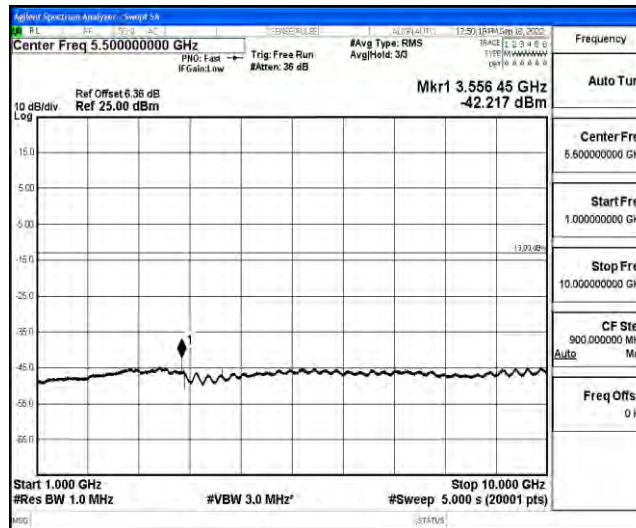


Band12-5MHz-QPSK-23155-1RB#0-Range3:30~1000MHz

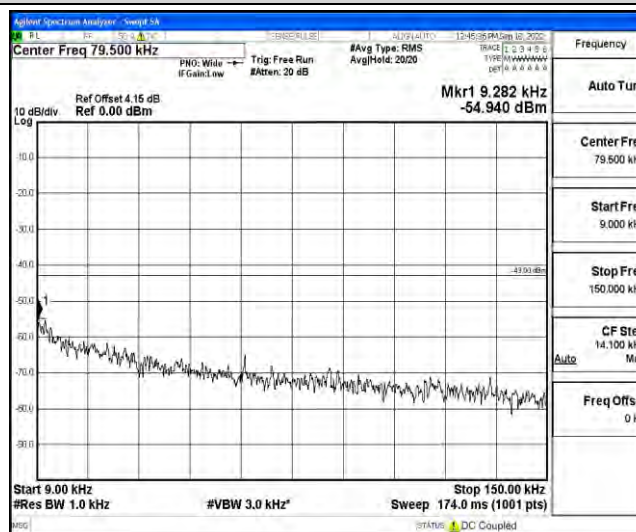




Band12-5MHz-QPSK-23155-1RB#0-Range4:1000~10000MHz



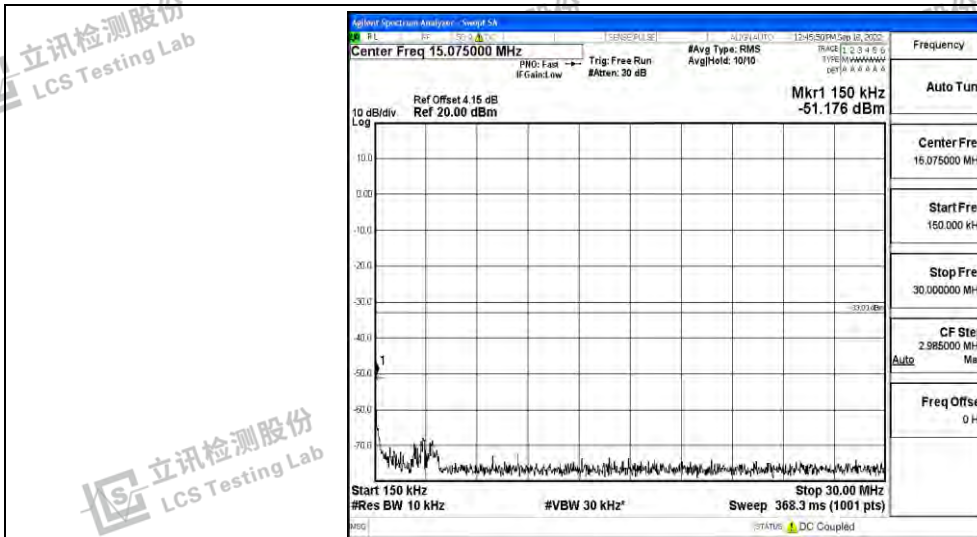
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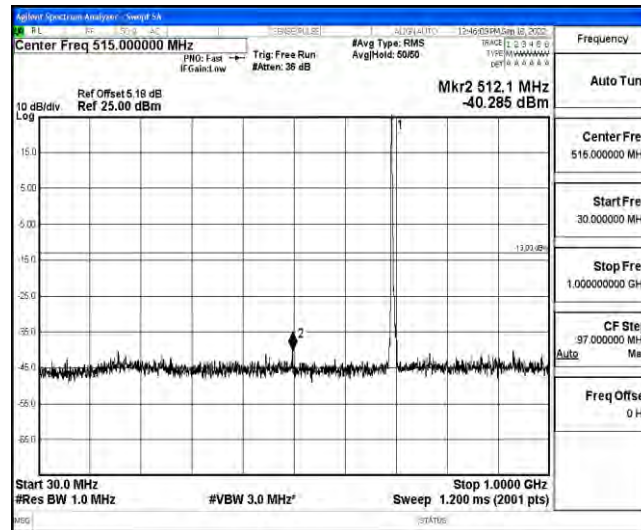
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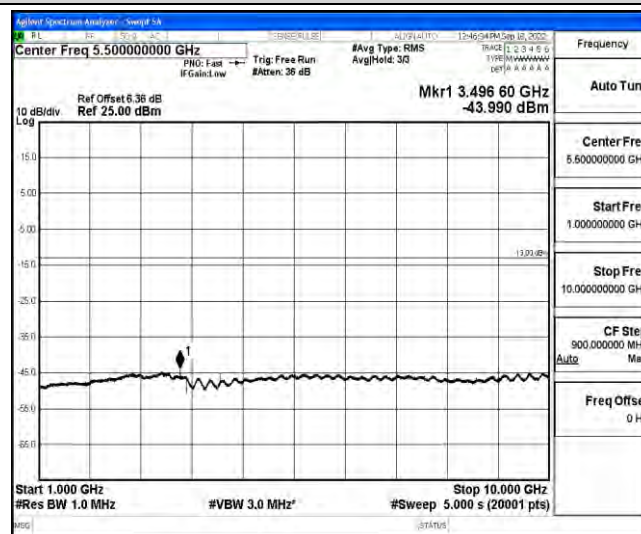
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Band12-5MHz-16QAM-23035-1RB#0-Range3:30~1000MHz



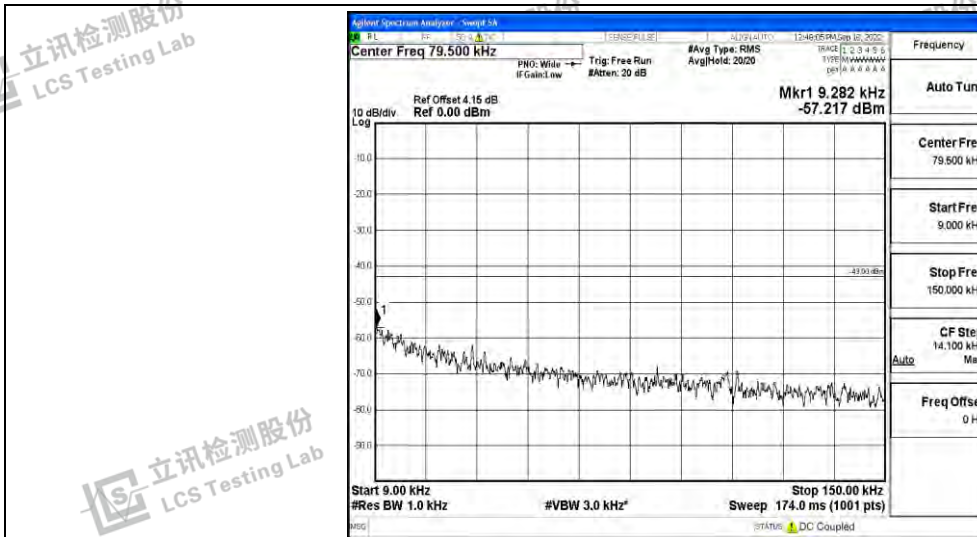
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Band12-5MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz



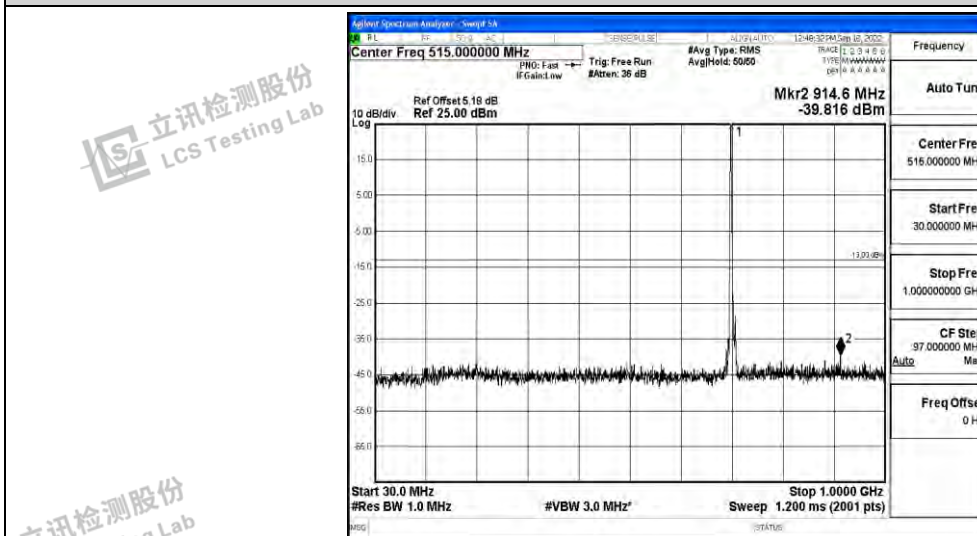
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Band12-5MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz



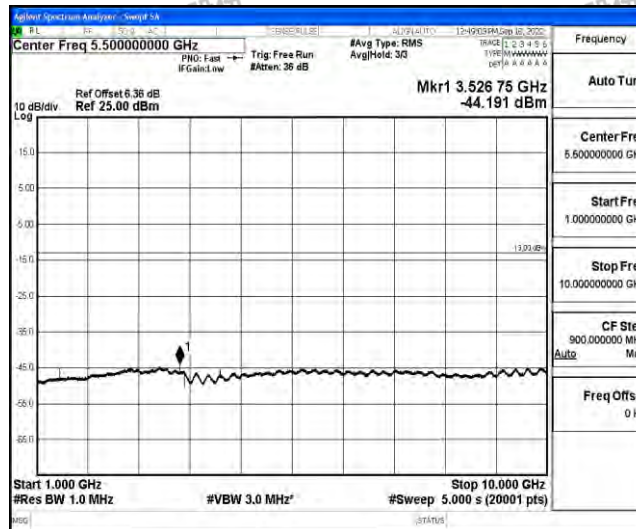
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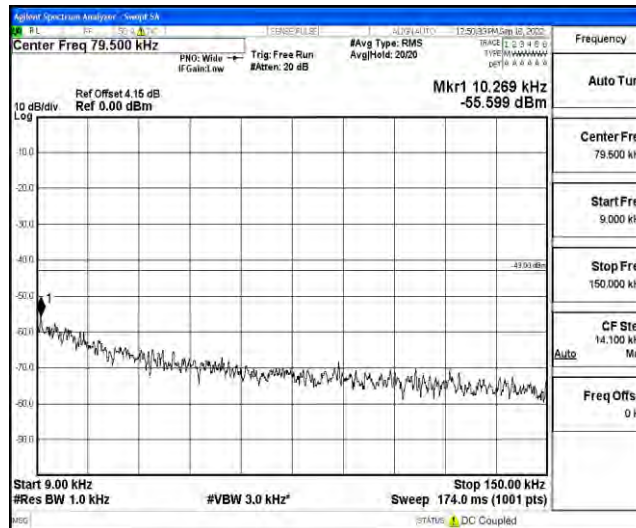
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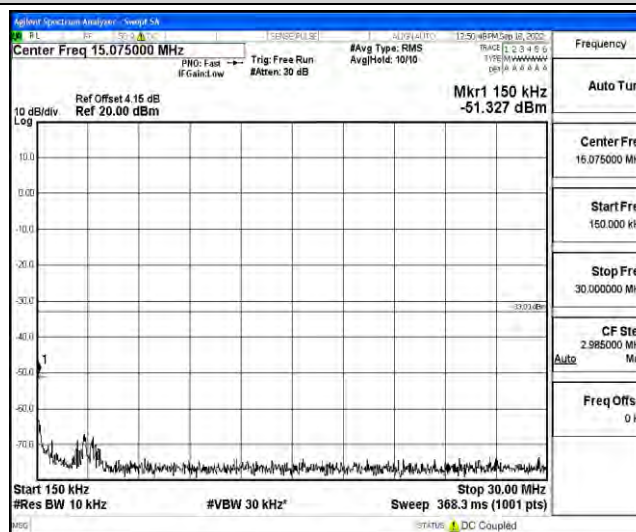
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Band12-5MHz-16QAM-23155-1RB#0-Range1:0.009~0.15MHz



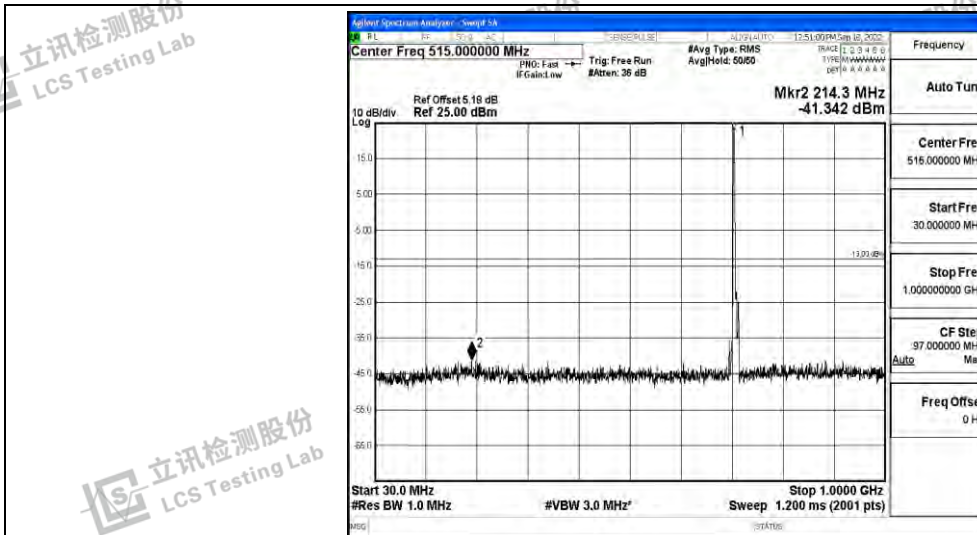
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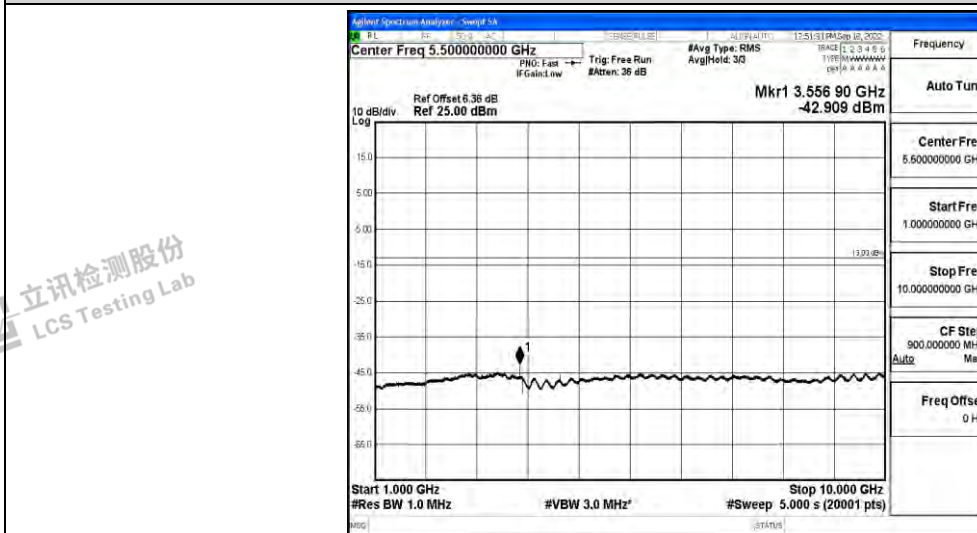
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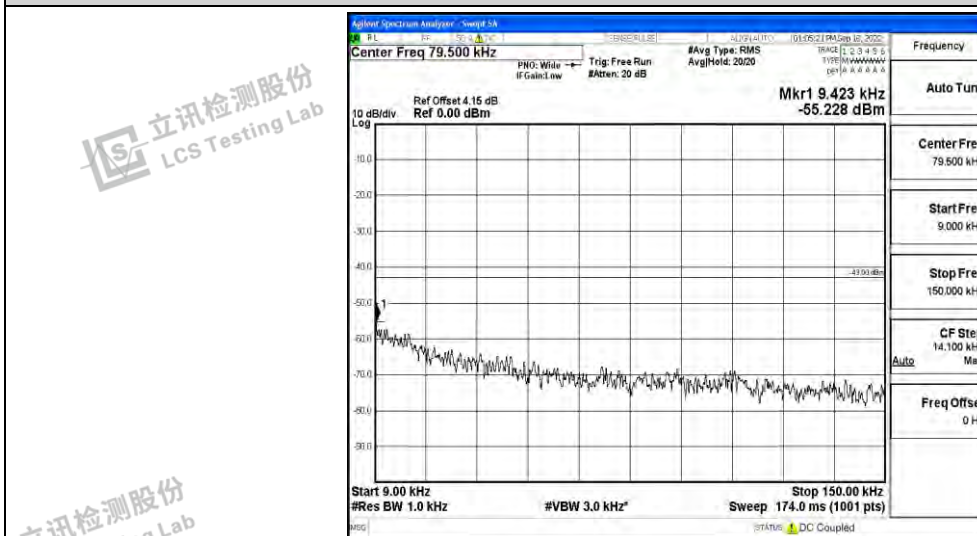
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Band12-5MHz-16QAM-23155-1RB#0-Range4:1000~10000MHz

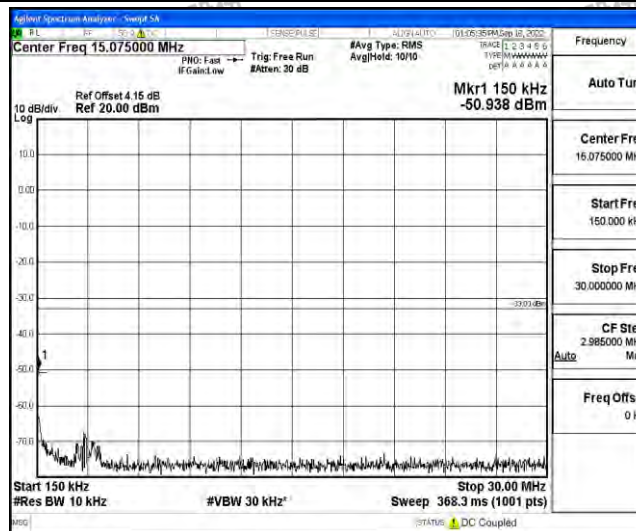


Band12-10MHz-QPSK-23060-1RB#0-Range1:0.009~0.15MHz

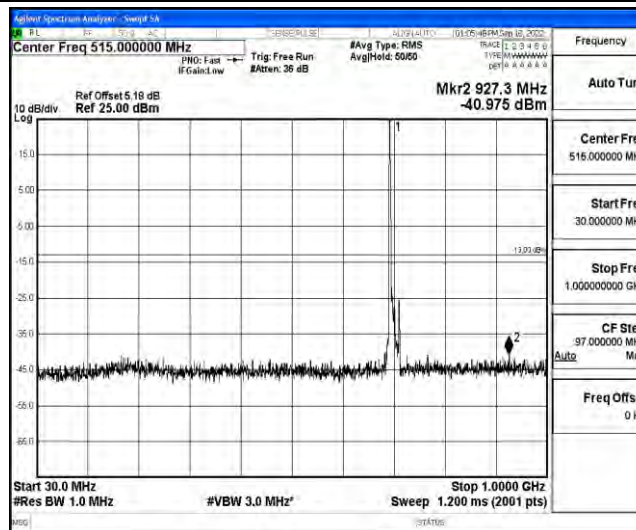


Band12-10MHz-QPSK-23060-1RB#0-Range2:0.15~30MHz

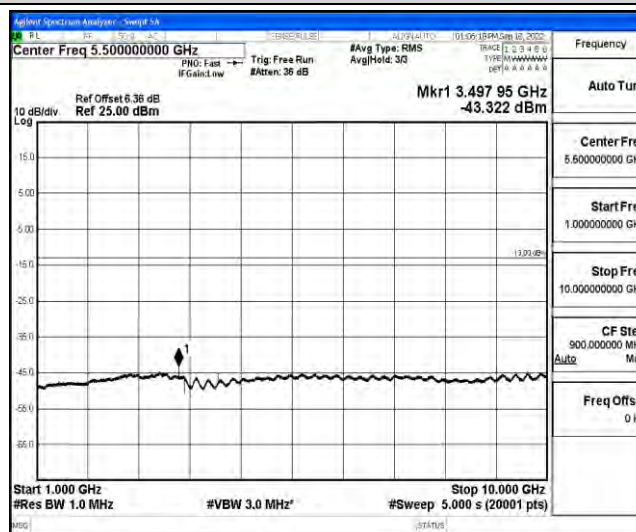




Band12-10MHz-QPSK-23060-1RB#0-Range3:30~1000MHz



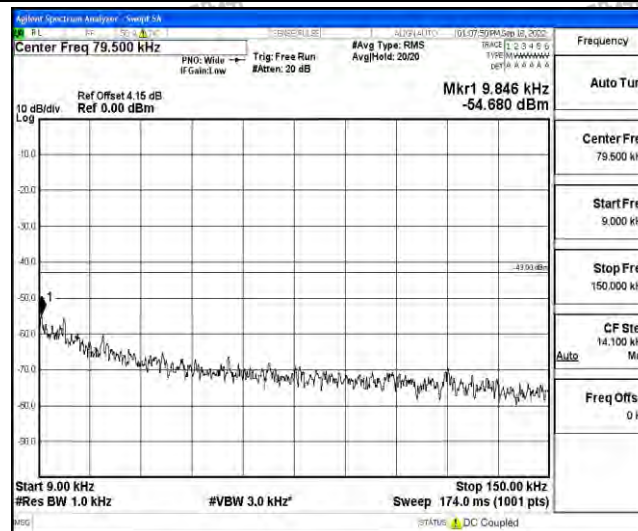
Band12-10MHz-QPSK-23060-1RB#0-Range4:1000~10000MHz



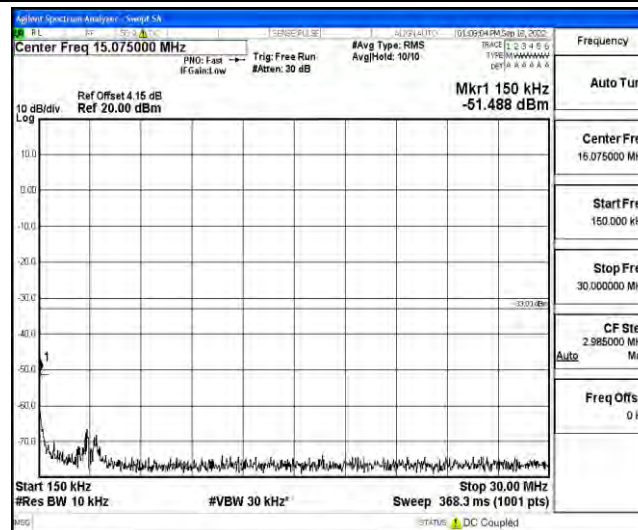
Band12-10MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz



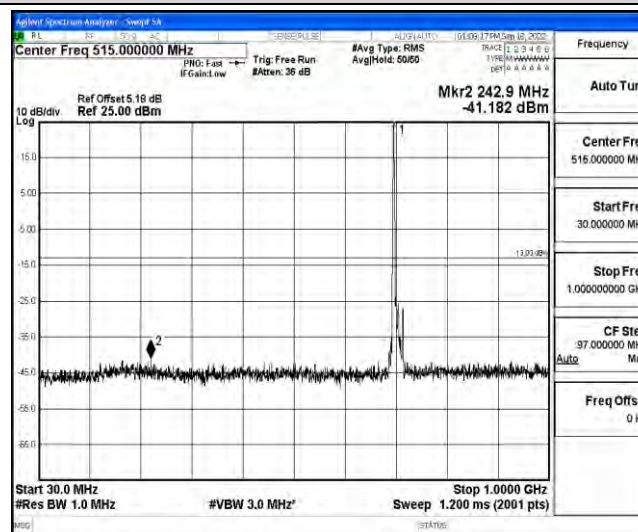
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Band12-10MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



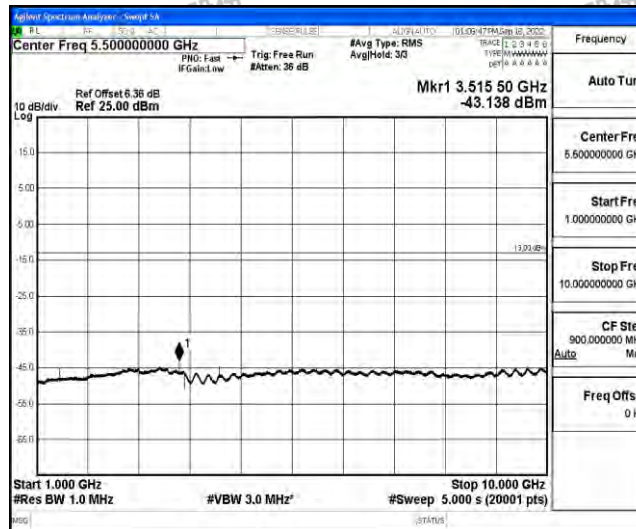
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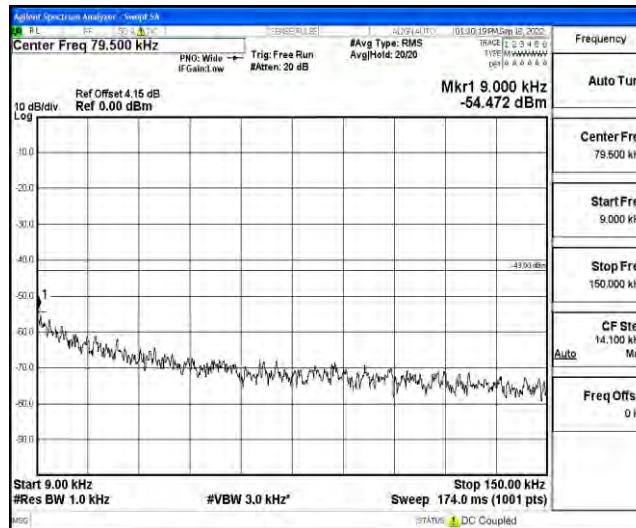
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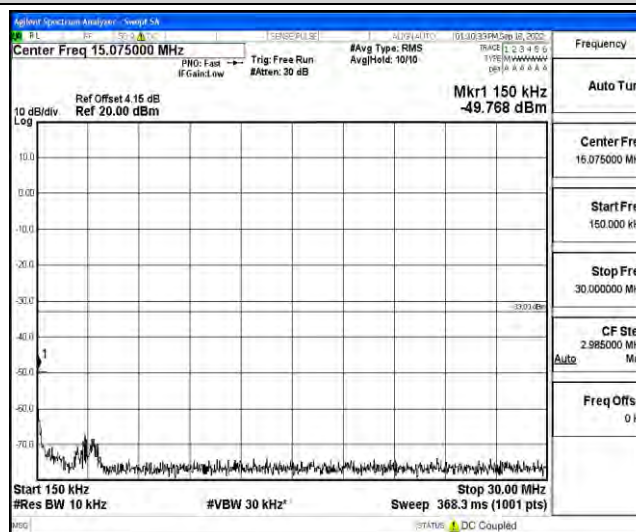
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Band12-10MHz-QPSK-23130-1RB#0-Range1:0.009~0.15MHz

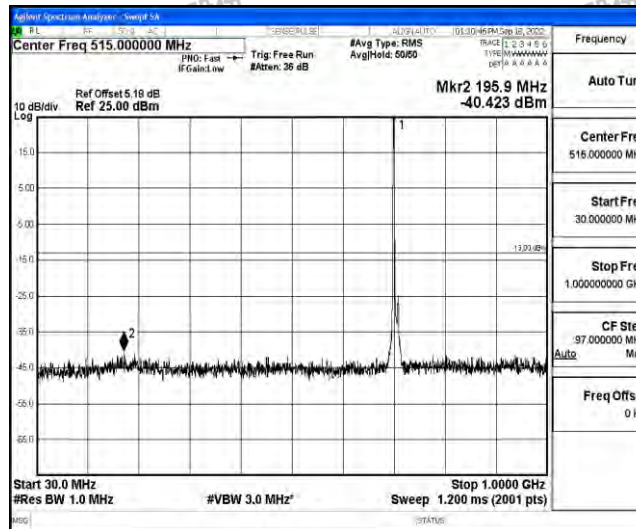


Band12-10MHz-QPSK-23130-1RB#0-Range2:0.15~30MHz

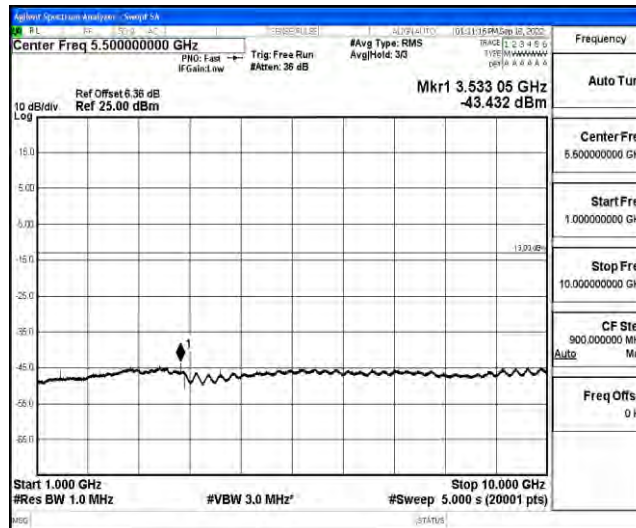


Band12-10MHz-QPSK-23130-1RB#0-Range3:30~1000MHz

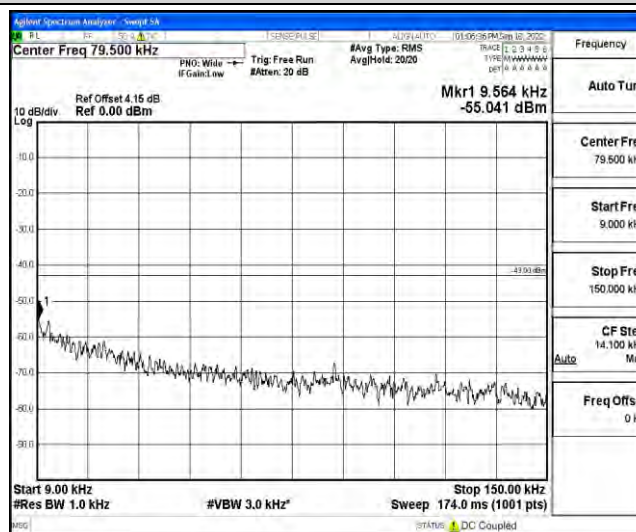




Band12-10MHz-QPSK-23130-1RB#0-Range4:1000~10000MHz

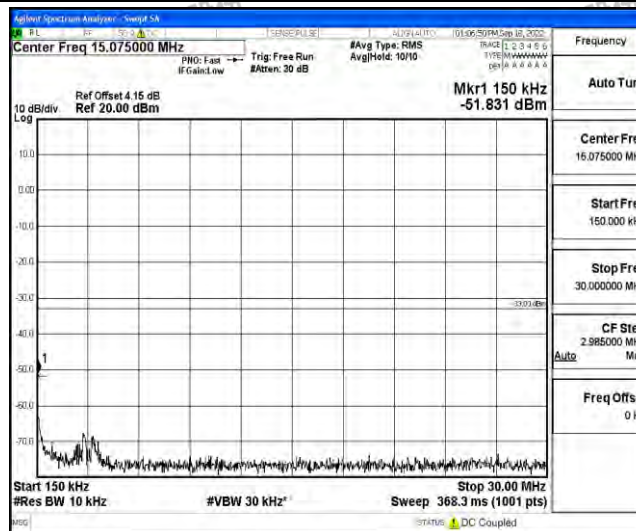


Band12-10MHz-16QAM-23060-1RB#0-Range1:0.009~0.15MHz

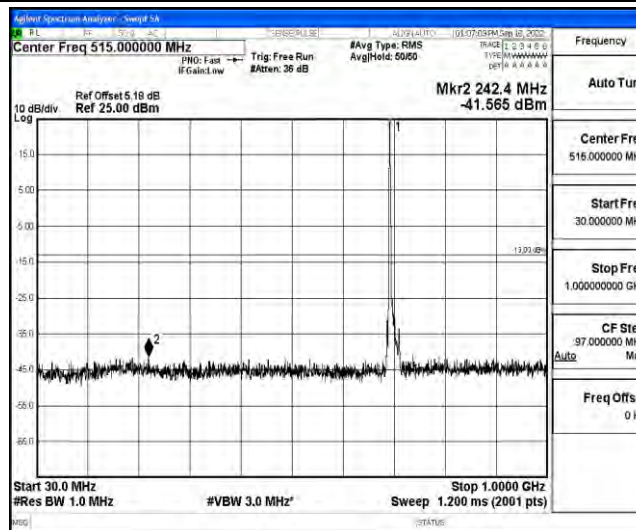


Band12-10MHz-16QAM-23060-1RB#0-Range2:0.15~30MHz

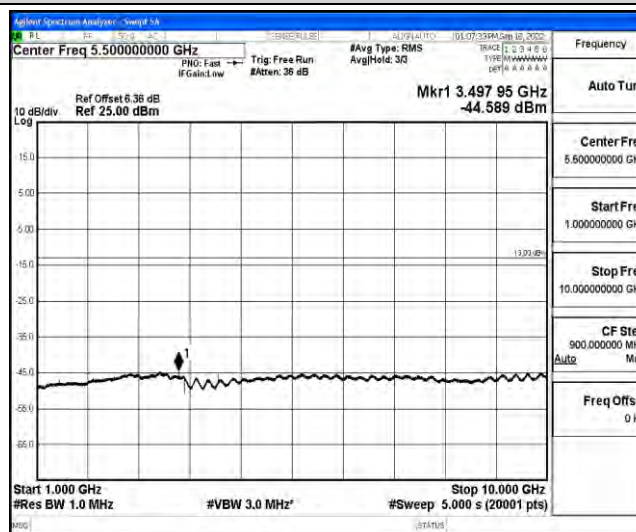




Band12-10MHz-16QAM-23060-1RB#0-Range3:30~1000MHz



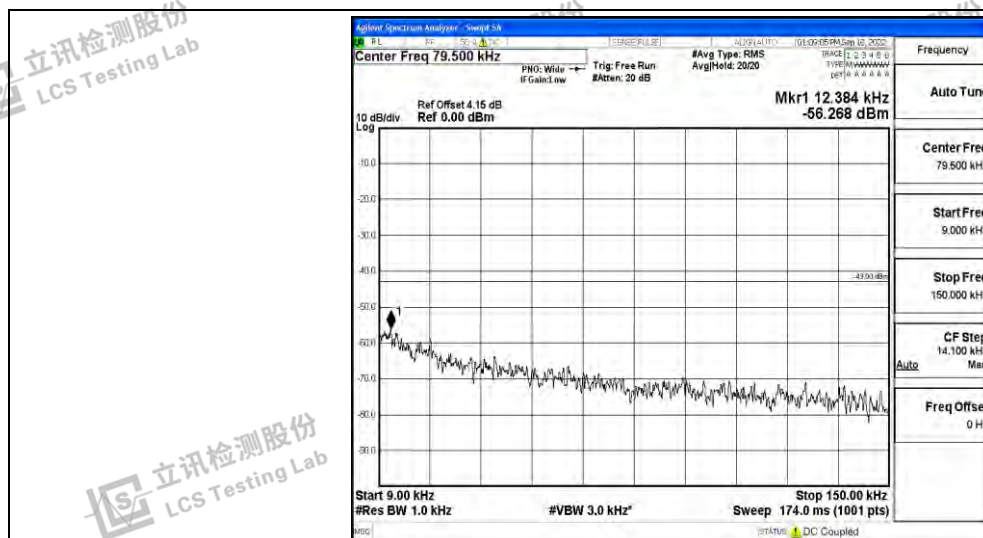
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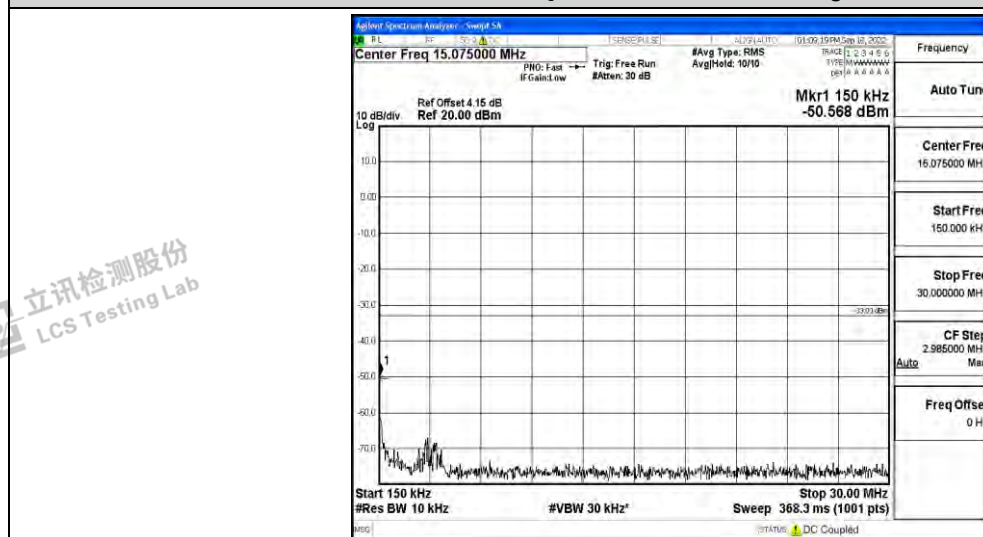
Band12-10MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz



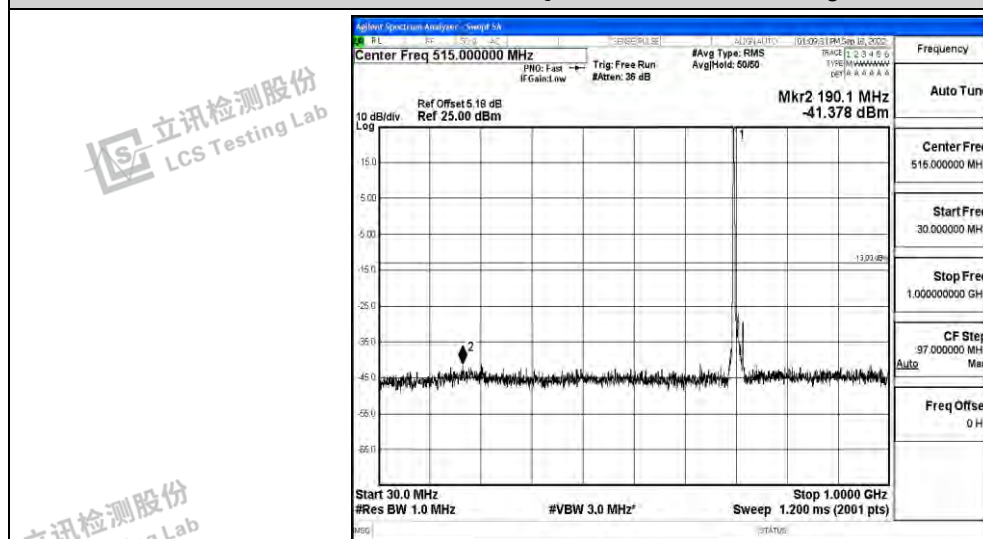
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Band12-10MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz



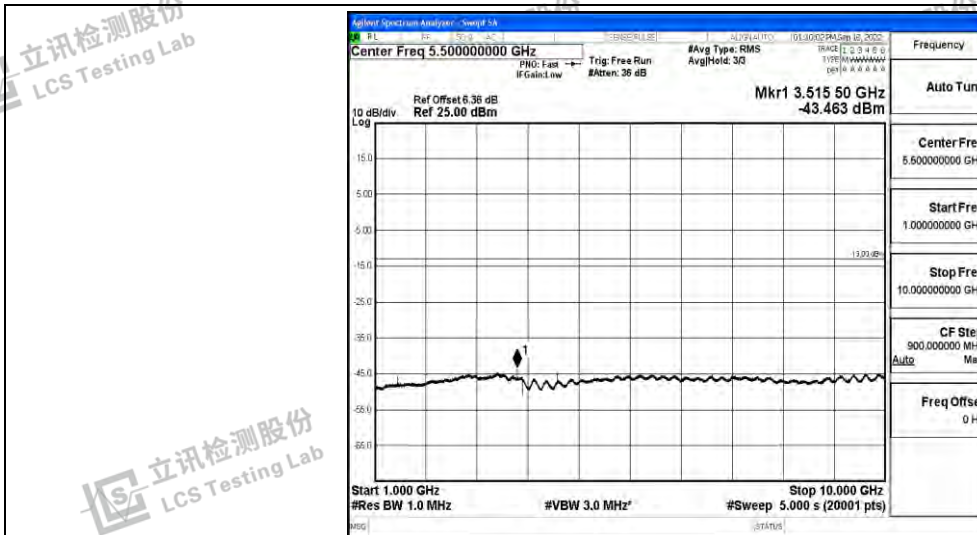
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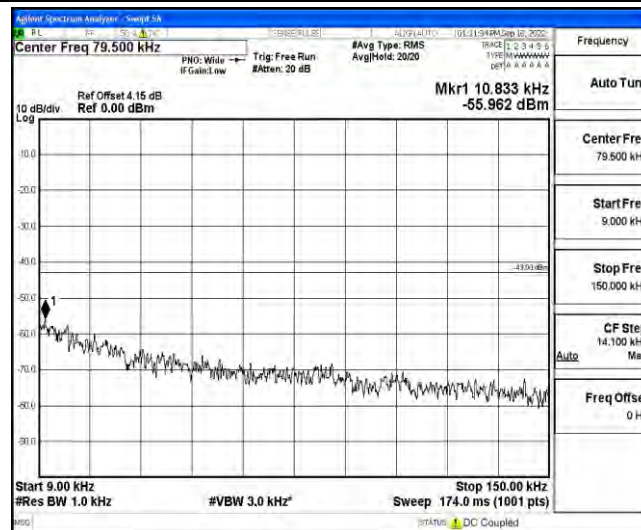
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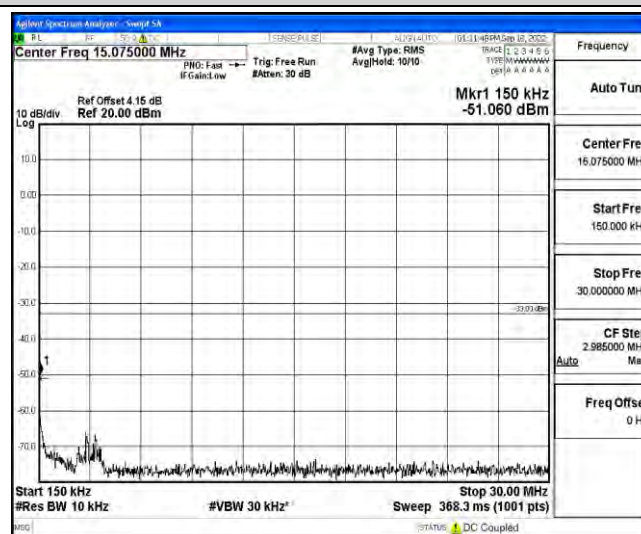
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Band12-10MHz-16QAM-23130-1RB#0-Range1:0.009~0.15MHz

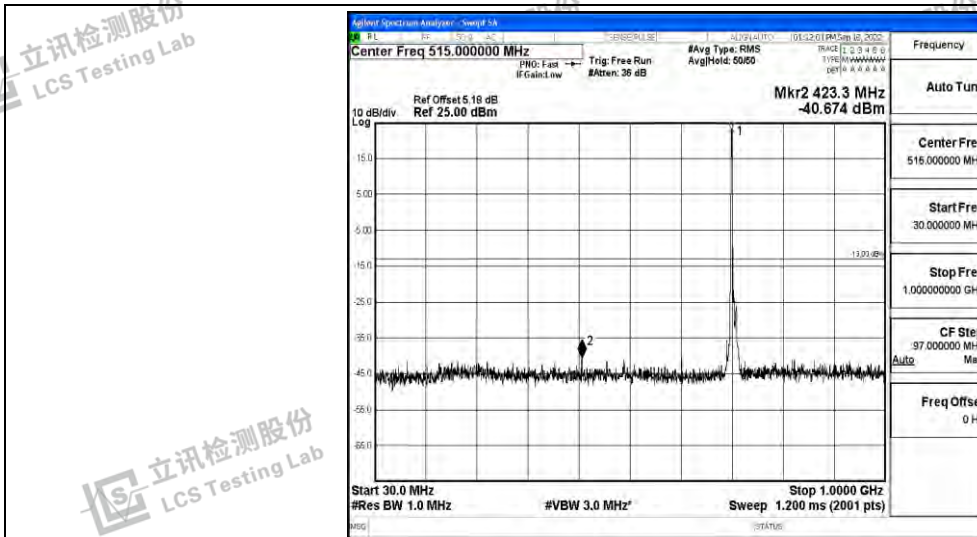


Band12-10MHz-16QAM-23130-1RB#0-Range2:0.15~30MHz



Band12-10MHz-16QAM-23130-1RB#0-Range3:30~1000MHz





Band12-10MHz-16QAM-23130-1RB#0-Range4:1000~10000MHz

