



Appendix U: Test Data for E-UTRA Band 71

Product Name: APOLLO

Test Model: APOLLO 7PRO

Environmental Conditions

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





U.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	22.47	PASS
Band71	5MHz	QPSK	133147	1RB#12	22.43	PASS
Band71	5MHz	QPSK	133147	1RB#24	22.35	PASS
Band71	5MHz	QPSK	133147	12RB#0	21.33	PASS
Band71	5MHz	QPSK	133147	12RB#6	21.33	PASS
Band71	5MHz	QPSK	133147	12RB#13	21.27	PASS
Band71	5MHz	QPSK	133147	25RB#0	21.21	PASS
Band71	5MHz	QPSK	133297	1RB#0	22.44	PASS
Band71	5MHz	QPSK	133297	1RB#12	22.44	PASS
Band71	5MHz	QPSK	133297	1RB#24	22.30	PASS
Band71	5MHz	QPSK	133297	12RB#0	21.29	PASS
Band71	5MHz	QPSK	133297	12RB#6	21.29	PASS
Band71	5MHz	QPSK	133297	12RB#13	21.23	PASS
Band71	5MHz	QPSK	133297	25RB#0	21.26	PASS
Band71	5MHz	QPSK	133447	1RB#0	22.22	PASS
Band71	5MHz	QPSK	133447	1RB#12	22.25	PASS
Band71	5MHz	QPSK	133447	1RB#24	22.12	PASS
Band71	5MHz	QPSK	133447	12RB#0	21.06	PASS
Band71	5MHz	QPSK	133447	12RB#6	20.98	PASS
Band71	5MHz	QPSK	133447	12RB#13	21.12	PASS
Band71	5MHz	QPSK	133447	25RB#0	21.12	PASS
Band71	5MHz	16QAM	133147	1RB#0	21.47	PASS
Band71	5MHz	16QAM	133147	1RB#12	21.44	PASS
Band71	5MHz	16QAM	133147	1RB#24	21.31	PASS
Band71	5MHz	16QAM	133147	12RB#0	20.31	PASS
Band71	5MHz	16QAM	133147	12RB#6	20.31	PASS
Band71	5MHz	16QAM	133147	12RB#13	20.25	PASS
Band71	5MHz	16QAM	133147	25RB#0	20.30	PASS
Band71	5MHz	16QAM	133297	1RB#0	21.75	PASS
Band71	5MHz	16QAM	133297	1RB#12	21.65	PASS





Band71	5MHz	16QAM	133297	1RB#24	21.53	PASS
Band71	5MHz	16QAM	133297	12RB#0	20.31	PASS
Band71	5MHz	16QAM	133297	12RB#6	20.30	PASS
Band71	5MHz	16QAM	133297	12RB#13	20.28	PASS
Band71	5MHz	16QAM	133297	25RB#0	20.23	PASS
Band71	5MHz	16QAM	133447	1RB#0	21.11	PASS
Band71	5MHz	16QAM	133447	1RB#12	21.28	PASS
Band71	5MHz	16QAM	133447	1RB#24	21.15	PASS
Band71	5MHz	16QAM	133447	12RB#0	20.11	PASS
Band71	5MHz	16QAM	133447	12RB#6	20.16	PASS
Band71	5MHz	16QAM	133447	12RB#13	20.12	PASS
Band71	5MHz	16QAM	133447	25RB#0	20.21	PASS
Band71	10MHz	QPSK	133172	1RB#0	22.48	PASS
Band71	10MHz	QPSK	133172	1RB#24	23.48	PASS
Band71	10MHz	QPSK	133172	1RB#49	22.24	PASS
Band71	10MHz	QPSK	133172	25RB#0	21.50	PASS
Band71	10MHz	QPSK	133172	25RB#12	21.45	PASS
Band71	10MHz	QPSK	133172	25RB#25	21.40	PASS
Band71	10MHz	QPSK	133172	50RB#0	21.38	PASS
Band71	10MHz	QPSK	133297	1RB#0	22.50	PASS
Band71	10MHz	QPSK	133297	1RB#24	22.35	PASS
Band71	10MHz	QPSK	133297	1RB#49	22.29	PASS
Band71	10MHz	QPSK	133297	25RB#0	21.32	PASS
Band71	10MHz	QPSK	133297	25RB#12	21.38	PASS
Band71	10MHz	QPSK	133297	25RB#25	21.15	PASS
Band71	10MHz	QPSK	133297	50RB#0	21.19	PASS
Band71	10MHz	QPSK	133422	1RB#0	22.22	PASS
Band71	10MHz	QPSK	133422	1RB#24	22.04	PASS
Band71	10MHz	QPSK	133422	1RB#49	21.67	PASS
Band71	10MHz	QPSK	133422	25RB#0	21.13	PASS
Band71	10MHz	QPSK	133422	25RB#12	21.17	PASS
Band71	10MHz	QPSK	133422	25RB#25	21.13	PASS
Band71	10MHz	QPSK	133422	50RB#0	21.09	PASS
Band71	10MHz	16QAM	133172	1RB#0	21.72	PASS
Band71	10MHz	16QAM	133172	1RB#24	21.61	PASS





Band71	10MHz	16QAM	133172	1RB#49	21.57	PASS
Band71	10MHz	16QAM	133172	25RB#0	20.49	PASS
Band71	10MHz	16QAM	133172	25RB#12	20.49	PASS
Band71	10MHz	16QAM	133172	25RB#25	20.37	PASS
Band71	10MHz	16QAM	133172	50RB#0	20.38	PASS
Band71	10MHz	16QAM	133297	1RB#0	21.62	PASS
Band71	10MHz	16QAM	133297	1RB#24	21.40	PASS
Band71	10MHz	16QAM	133297	1RB#49	21.38	PASS
Band71	10MHz	16QAM	133297	25RB#0	20.37	PASS
Band71	10MHz	16QAM	133297	25RB#12	20.40	PASS
Band71	10MHz	16QAM	133297	25RB#25	20.24	PASS
Band71	10MHz	16QAM	133297	50RB#0	20.41	PASS
Band71	10MHz	16QAM	133422	1RB#0	21.14	PASS
Band71	10MHz	16QAM	133422	1RB#24	20.99	PASS
Band71	10MHz	16QAM	133422	1RB#49	21.01	PASS
Band71	10MHz	16QAM	133422	25RB#0	20.22	PASS
Band71	10MHz	16QAM	133422	25RB#12	20.23	PASS
Band71	10MHz	16QAM	133422	25RB#25	20.15	PASS
Band71	10MHz	16QAM	133422	50RB#0	20.15	PASS
Band71	15MHz	QPSK	133197	1RB#0	22.53	PASS
Band71	15MHz	QPSK	133197	1RB#38	23.81	PASS
Band71	15MHz	QPSK	133197	1RB#74	20.52	PASS
Band71	15MHz	QPSK	133197	38RB#0	21.65	PASS
Band71	15MHz	QPSK	133197	38RB#18	22.88	PASS
Band71	15MHz	QPSK	133197	38RB#37	19.62	PASS
Band71	15MHz	QPSK	133197	75RB#0	21.43	PASS
Band71	15MHz	QPSK	133297	1RB#0	22.41	PASS
Band71	15MHz	QPSK	133297	1RB#38	22.01	PASS
Band71	15MHz	QPSK	133297	1RB#74	23.10	PASS
Band71	15MHz	QPSK	133297	38RB#0	21.42	PASS
Band71	15MHz	QPSK	133297	38RB#18	21.37	PASS
Band71	15MHz	QPSK	133297	38RB#37	22.35	PASS
Band71	15MHz	QPSK	133297	75RB#0	21.07	PASS
Band71	15MHz	QPSK	133397	1RB#0	21.84	PASS
Band71	15MHz	QPSK	133397	1RB#38	22.65	PASS





Band71	15MHz	QPSK	133397	1RB#74	21.29	PASS
Band71	15MHz	QPSK	133397	38RB#0	21.13	PASS
Band71	15MHz	QPSK	133397	38RB#18	21.51	PASS
Band71	15MHz	QPSK	133397	38RB#37	20.12	PASS
Band71	15MHz	QPSK	133397	75RB#0	21.07	PASS
Band71	15MHz	16QAM	133197	1RB#0	21.72	PASS
Band71	15MHz	16QAM	133197	1RB#38	21.47	PASS
Band71	15MHz	16QAM	133197	1RB#74	21.64	PASS
Band71	15MHz	16QAM	133197	38RB#0	21.60	PASS
Band71	15MHz	16QAM	133197	38RB#18	21.38	PASS
Band71	15MHz	16QAM	133197	38RB#37	21.33	PASS
Band71	15MHz	16QAM	133197	75RB#0	20.35	PASS
Band71	15MHz	16QAM	133297	1RB#0	21.72	PASS
Band71	15MHz	16QAM	133297	1RB#38	21.45	PASS
Band71	15MHz	16QAM	133297	1RB#74	21.32	PASS
Band71	15MHz	16QAM	133297	38RB#0	21.65	PASS
Band71	15MHz	16QAM	133297	38RB#18	21.42	PASS
Band71	15MHz	16QAM	133297	38RB#37	21.38	PASS
Band71	15MHz	16QAM	133297	75RB#0	20.18	PASS
Band71	15MHz	16QAM	133397	1RB#0	21.12	PASS
Band71	15MHz	16QAM	133397	1RB#38	20.90	PASS
Band71	15MHz	16QAM	133397	1RB#74	20.97	PASS
Band71	15MHz	16QAM	133397	38RB#0	21.12	PASS
Band71	15MHz	16QAM	133397	38RB#18	20.90	PASS
Band71	15MHz	16QAM	133397	38RB#37	20.97	PASS
Band71	15MHz	16QAM	133397	75RB#0	20.02	PASS
Band71	20MHz	QPSK	133222	1RB#0	22.71	PASS
Band71	20MHz	QPSK	133222	1RB#49	23.15	PASS
Band71	20MHz	QPSK	133222	1RB#99	21.17	PASS
Band71	20MHz	QPSK	133222	50RB#0	21.29	PASS
Band71	20MHz	QPSK	133222	50RB#25	21.30	PASS
Band71	20MHz	QPSK	133222	50RB#50	21.16	PASS
Band71	20MHz	QPSK	133222	100RB#0	21.89	PASS
Band71	20MHz	QPSK	133297	1RB#0	22.80	PASS
Band71	20MHz	QPSK	133297	1RB#49	21.48	PASS





Band71	20MHz	QPSK	133297	1RB#99	22.77	PASS
Band71	20MHz	QPSK	133297	50RB#0	21.27	PASS
Band71	20MHz	QPSK	133297	50RB#25	21.28	PASS
Band71	20MHz	QPSK	133297	50RB#50	21.18	PASS
Band71	20MHz	QPSK	133297	100RB#0	21.26	PASS
Band71	20MHz	QPSK	133372	1RB#0	21.33	PASS
Band71	20MHz	QPSK	133372	1RB#49	23.55	PASS
Band71	20MHz	QPSK	133372	1RB#99	20.82	PASS
Band71	20MHz	QPSK	133372	50RB#0	21.28	PASS
Band71	20MHz	QPSK	133372	50RB#25	21.31	PASS
Band71	20MHz	QPSK	133372	50RB#50	21.03	PASS
Band71	20MHz	QPSK	133372	100RB#0	21.19	PASS
Band71	20MHz	16QAM	133222	1RB#0	21.67	PASS
Band71	20MHz	16QAM	133222	1RB#49	21.33	PASS
Band71	20MHz	16QAM	133222	1RB#99	21.32	PASS
Band71	20MHz	16QAM	133222	50RB#0	20.24	PASS
Band71	20MHz	16QAM	133222	50RB#25	20.25	PASS
Band71	20MHz	16QAM	133222	50RB#50	20.22	PASS
Band71	20MHz	16QAM	133222	100RB#0	20.40	PASS
Band71	20MHz	16QAM	133297	1RB#0	21.78	PASS
Band71	20MHz	16QAM	133297	1RB#49	21.49	PASS
Band71	20MHz	16QAM	133297	1RB#99	21.48	PASS
Band71	20MHz	16QAM	133297	50RB#0	20.35	PASS
Band71	20MHz	16QAM	133297	50RB#25	20.34	PASS
Band71	20MHz	16QAM	133297	50RB#50	20.16	PASS
Band71	20MHz	16QAM	133297	100RB#0	20.16	PASS
Band71	20MHz	16QAM	133372	1RB#0	21.38	PASS
Band71	20MHz	16QAM	133372	1RB#49	21.20	PASS
Band71	20MHz	16QAM	133372	1RB#99	21.30	PASS
Band71	20MHz	16QAM	133372	50RB#0	20.35	PASS
Band71	20MHz	16QAM	133372	50RB#25	20.33	PASS
Band71	20MHz	16QAM	133372	50RB#50	20.04	PASS
Band71	20MHz	16QAM	133372	100RB#0	20.05	PASS





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

Test Result

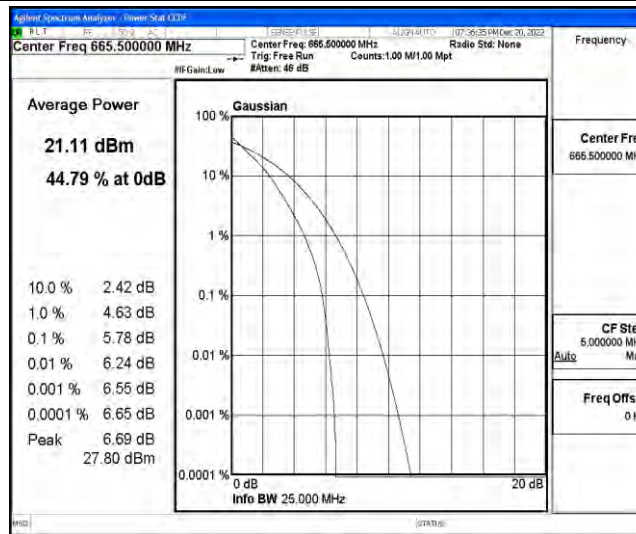
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	5.78	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	5.91	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	5.47	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	6.51	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	6.63	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	6.22	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	5.36	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	5.73	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	5.33	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	6.24	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	6.51	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	6.18	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	5.55	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	6.06	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	5.60	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	6.24	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	6.64	13	PASS
Band71	15MHz	16QAM	133397	75RB#0	6.23	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.53	13	PASS
Band71	20MHz	QPSK	133297	100RB#0	5.70	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.40	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.31	13	PASS
Band71	20MHz	16QAM	133297	100RB#0	6.46	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.25	13	PASS



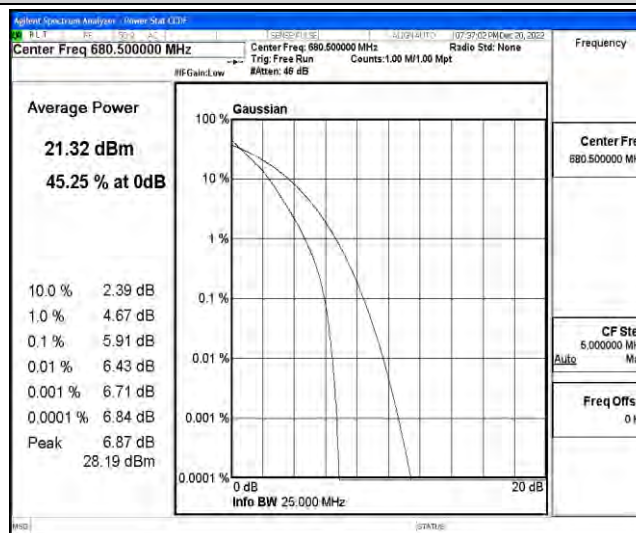


Test Graphs

Band71-5MHz-QPSK-133147-25RB#0

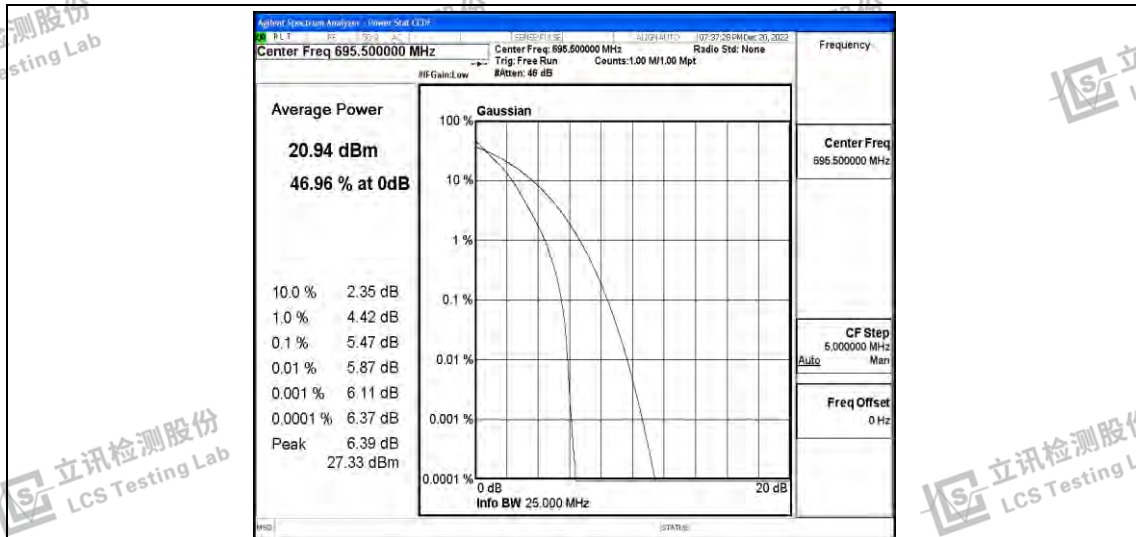


Band71-5MHz-QPSK-133297-25RB#0

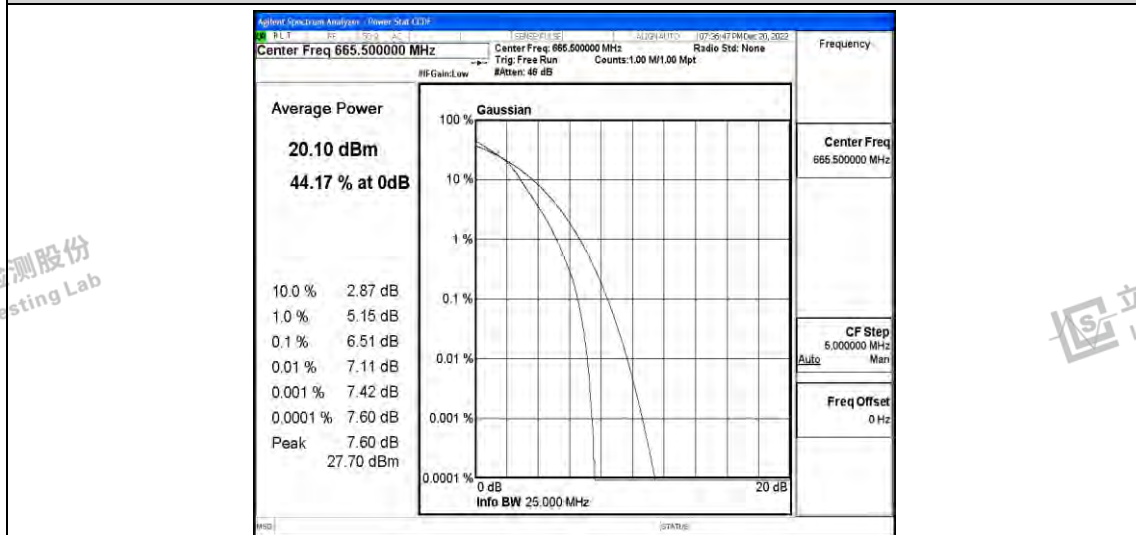


Band71-5MHz-QPSK-133447-25RB#0

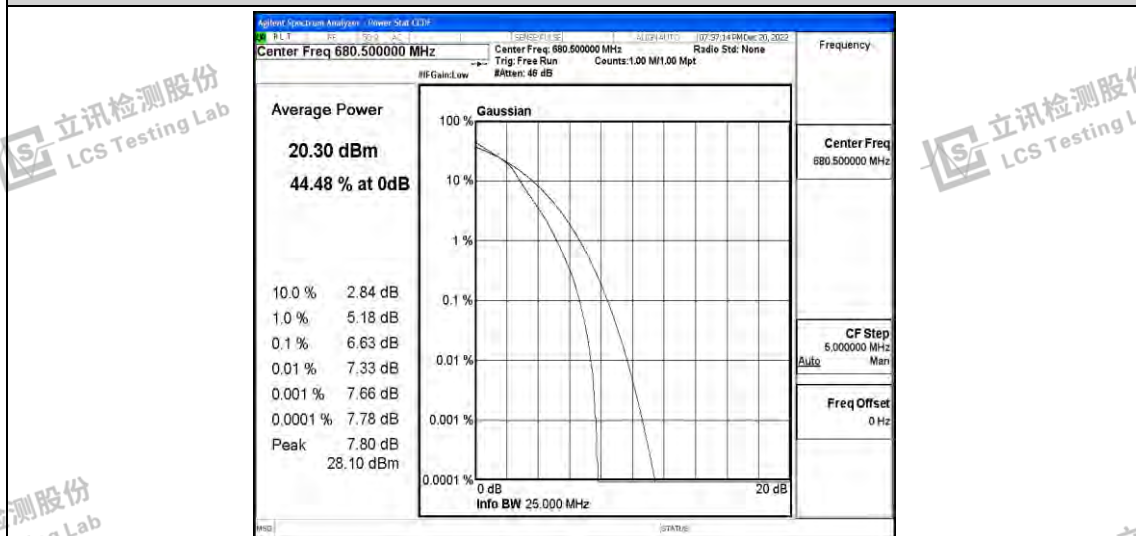




Band71-5MHz-16QAM-133147-25RB#0

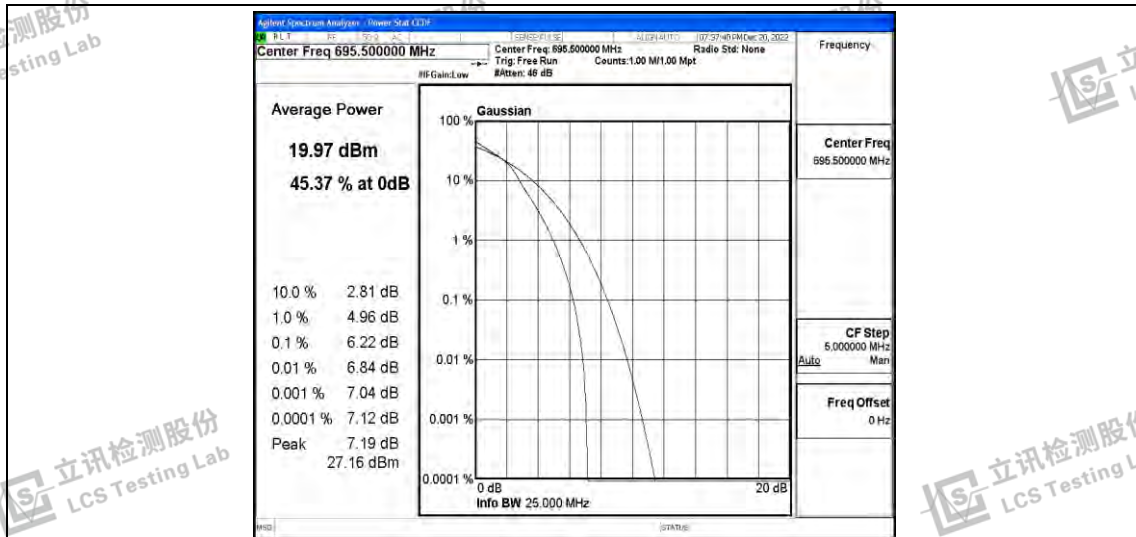


Band71-5MHz-16QAM-133297-25RB#0

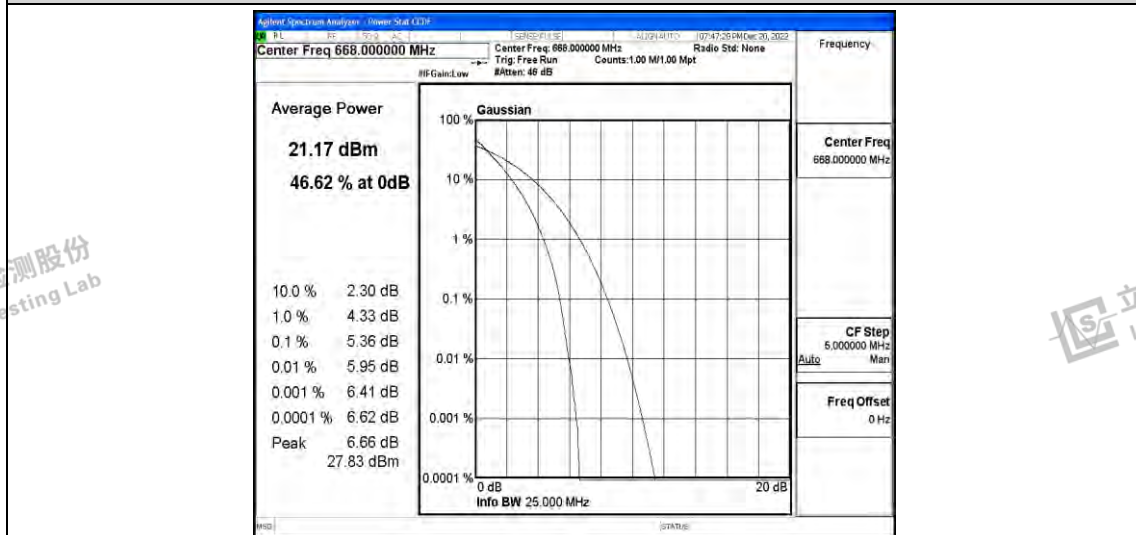


Band71-5MHz-16QAM-133447-25RB#0

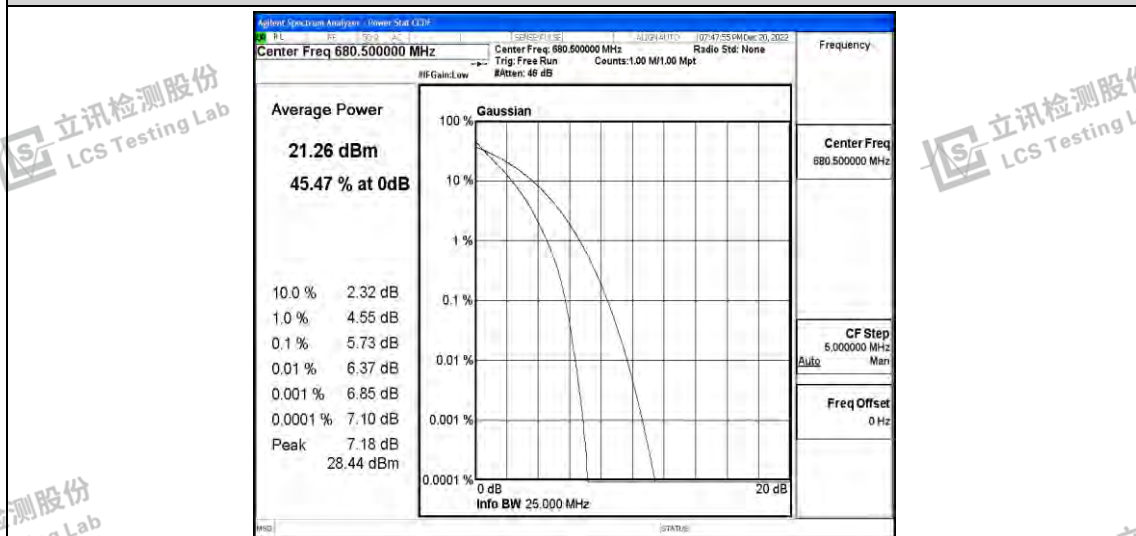




Band71-10MHz-QPSK-133172-50RB#0

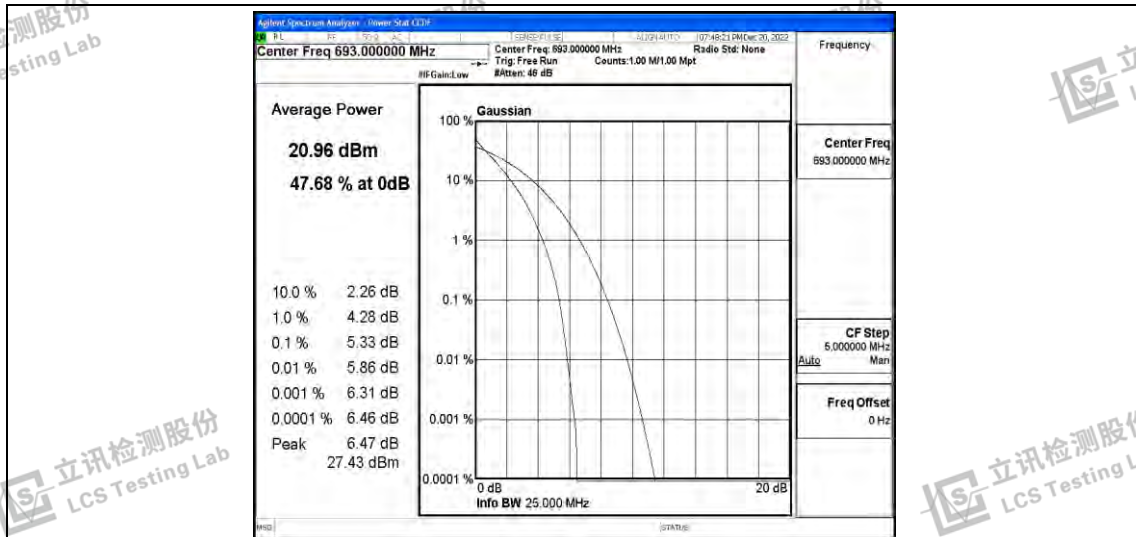


Band71-10MHz-QPSK-133297-50RB#0

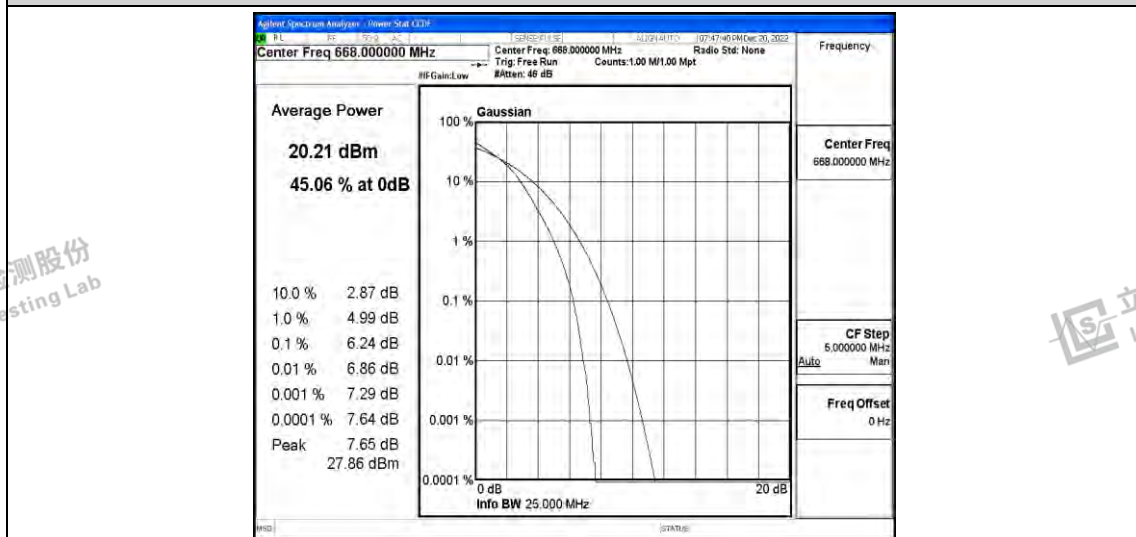


Band71-10MHz-QPSK-133422-50RB#0

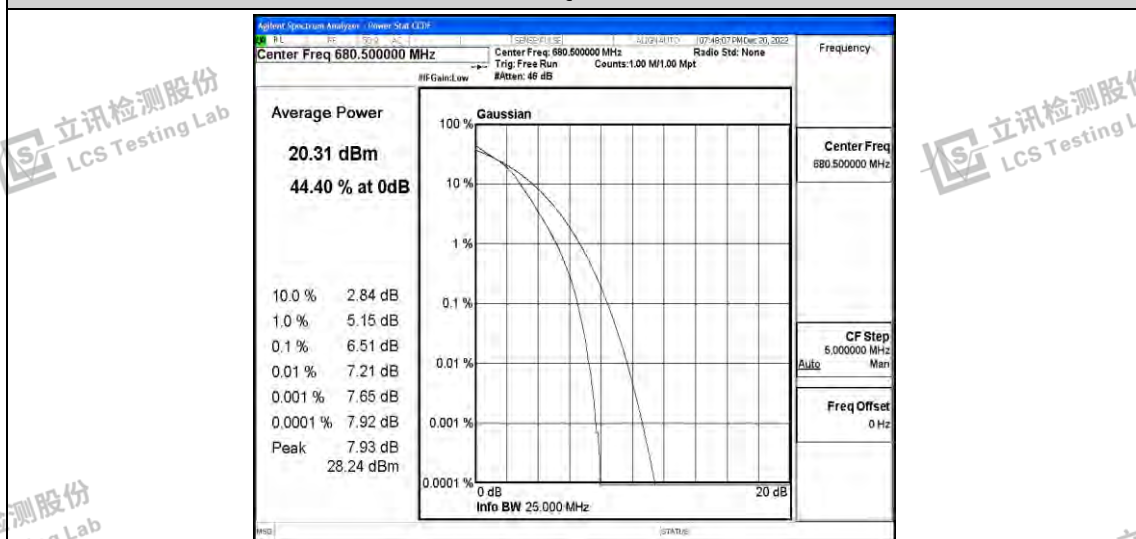




Band71-10MHz-16QAM-133172-50RB#0

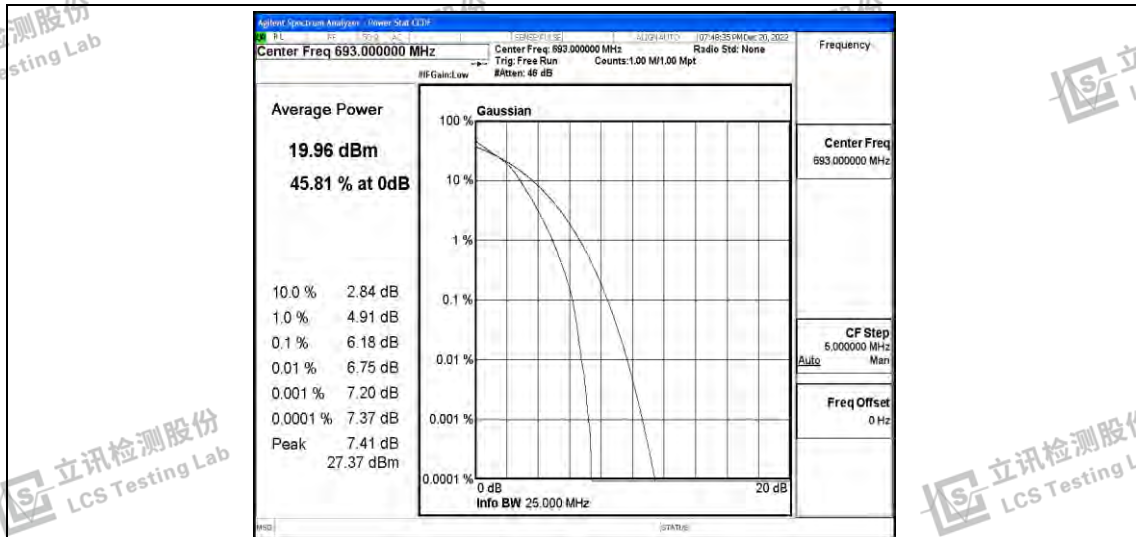


Band71-10MHz-16QAM-133297-50RB#0

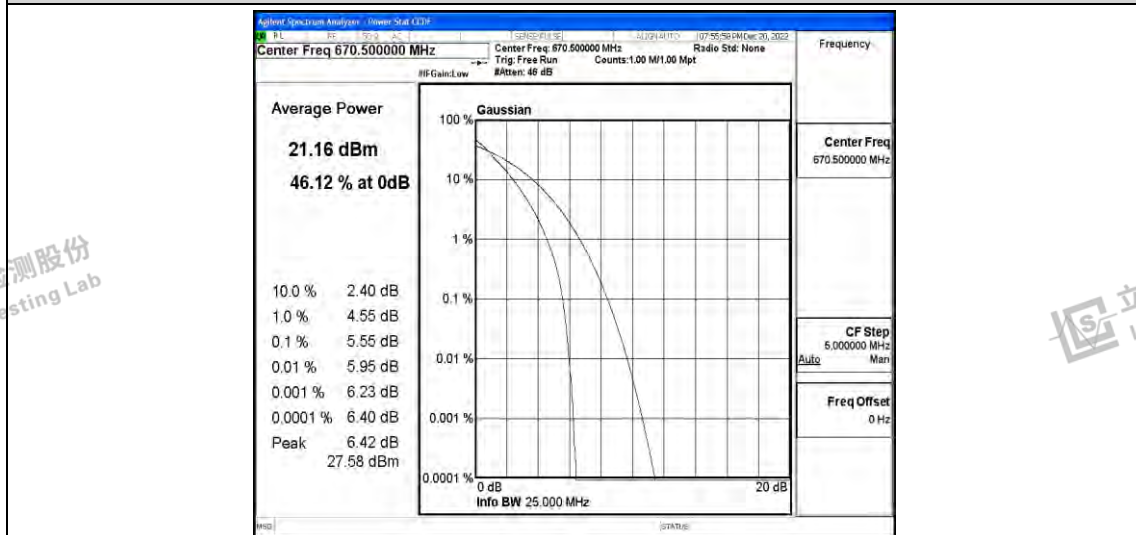


Band71-10MHz-16QAM-133422-50RB#0

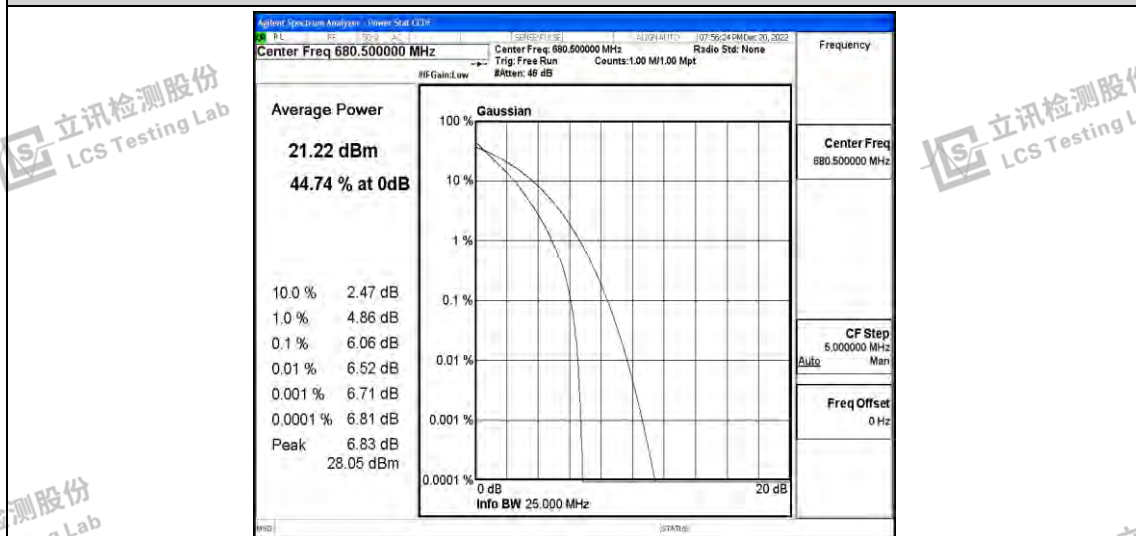




Band71-15MHz-QPSK-133197-75RB#0

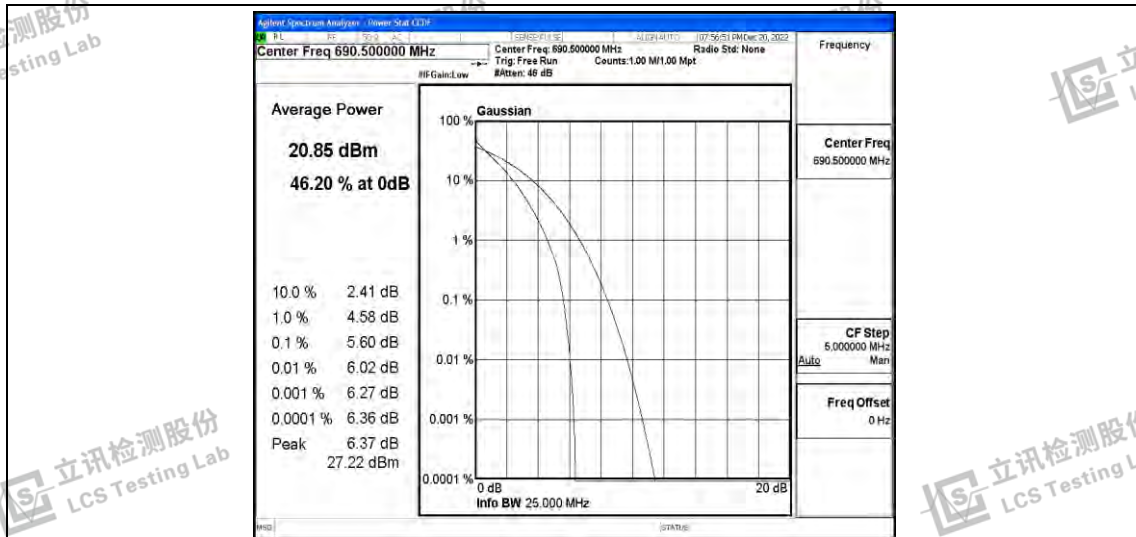


Band71-15MHz-QPSK-133297-75RB#0

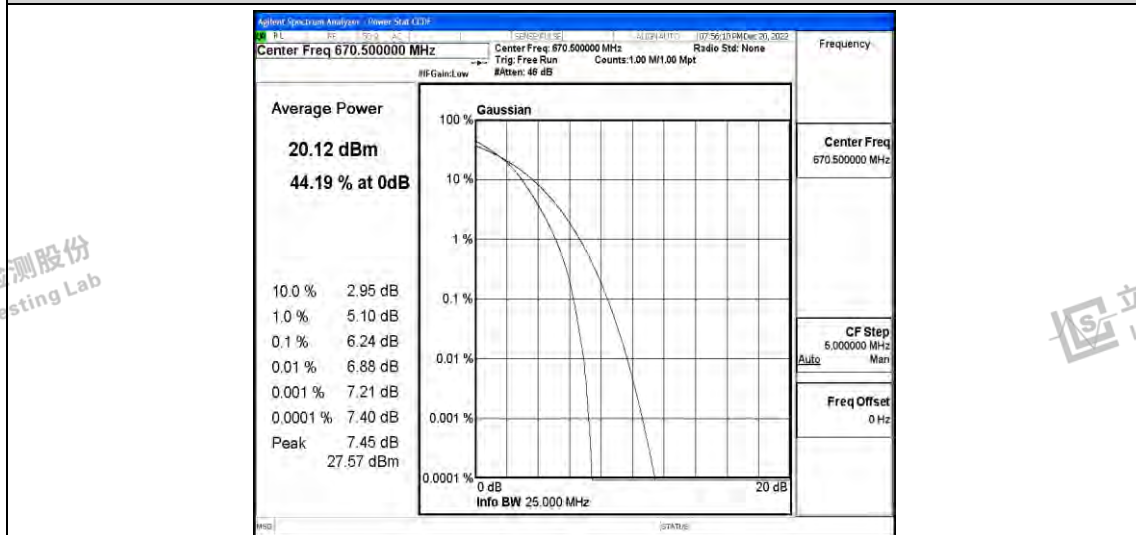


Band71-15MHz-QPSK-133397-75RB#0

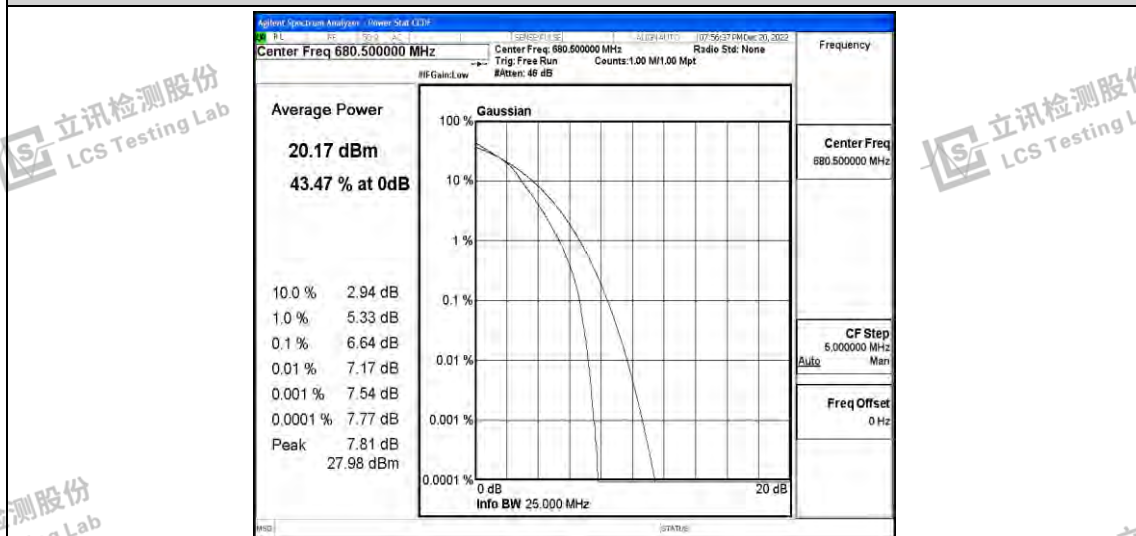




Band71-15MHz-16QAM-133197-75RB#0

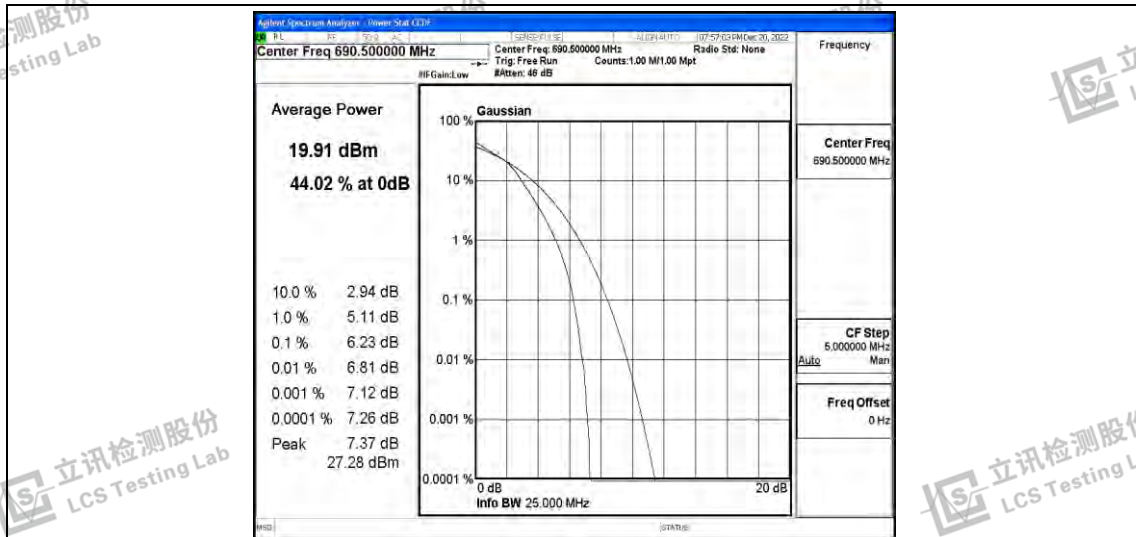


Band71-15MHz-16QAM-133297-75RB#0

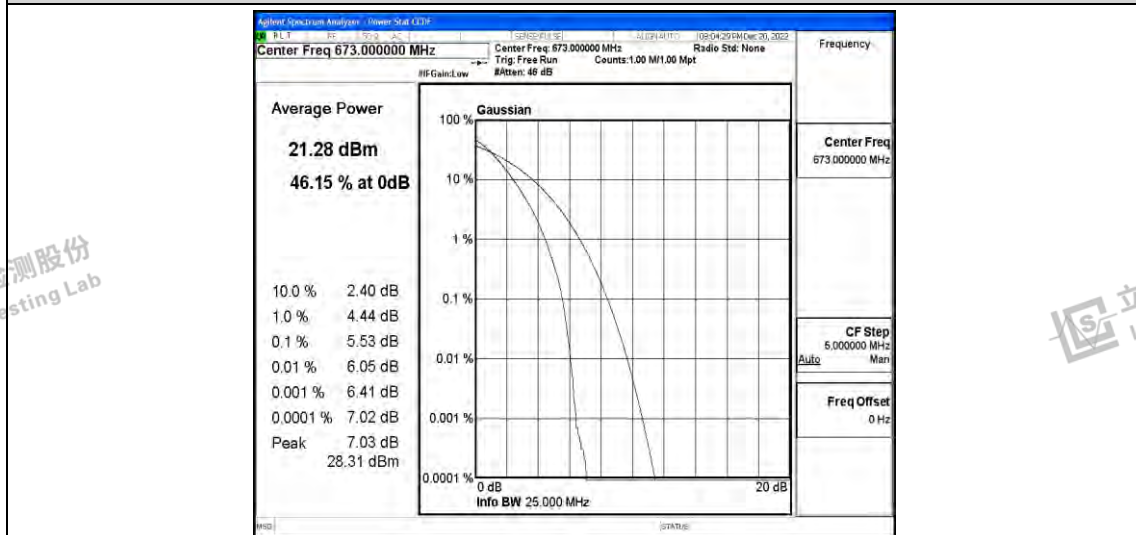


Band71-15MHz-16QAM-133397-75RB#0

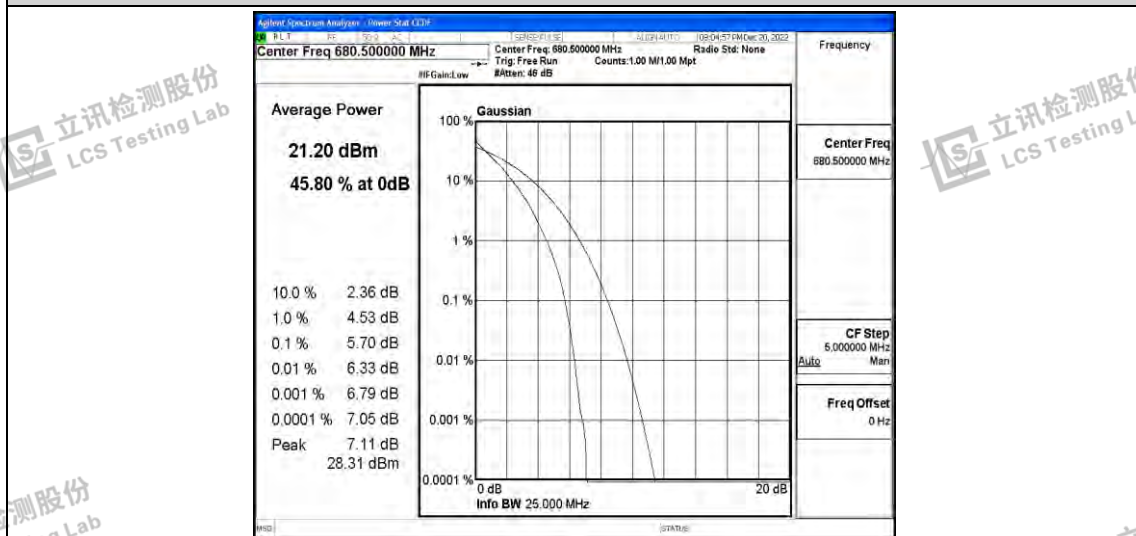




Band71-20MHz-QPSK-133222-100RB#0

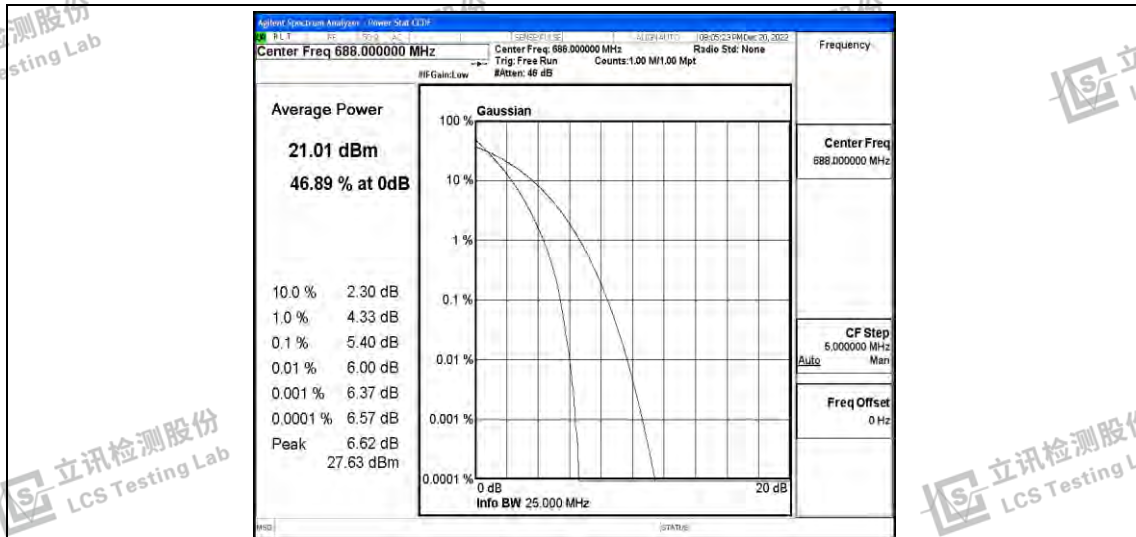


Band71-20MHz-QPSK-133297-100RB#0

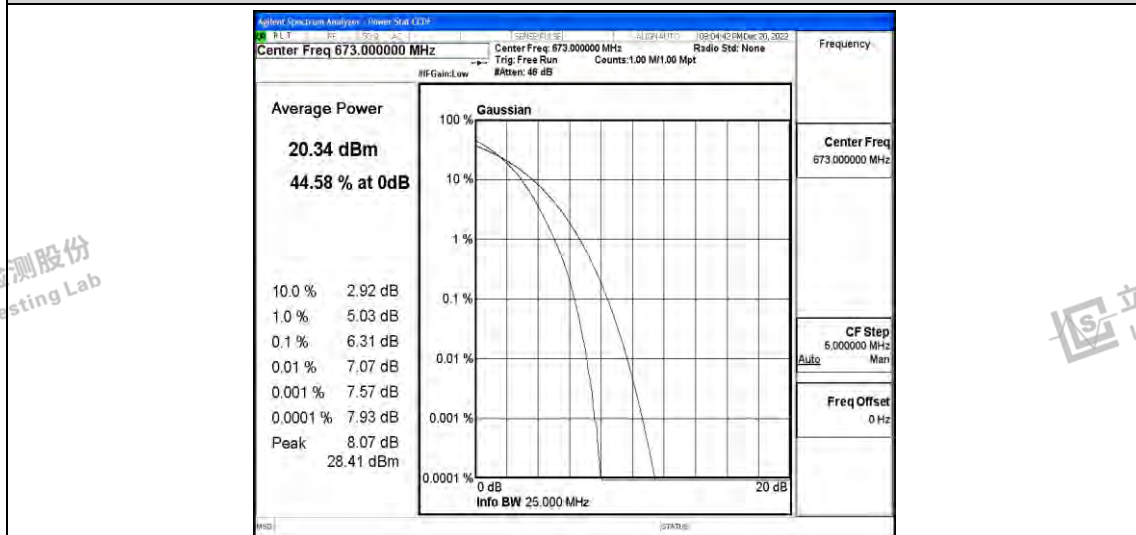


Band71-20MHz-QPSK-133372-100RB#0

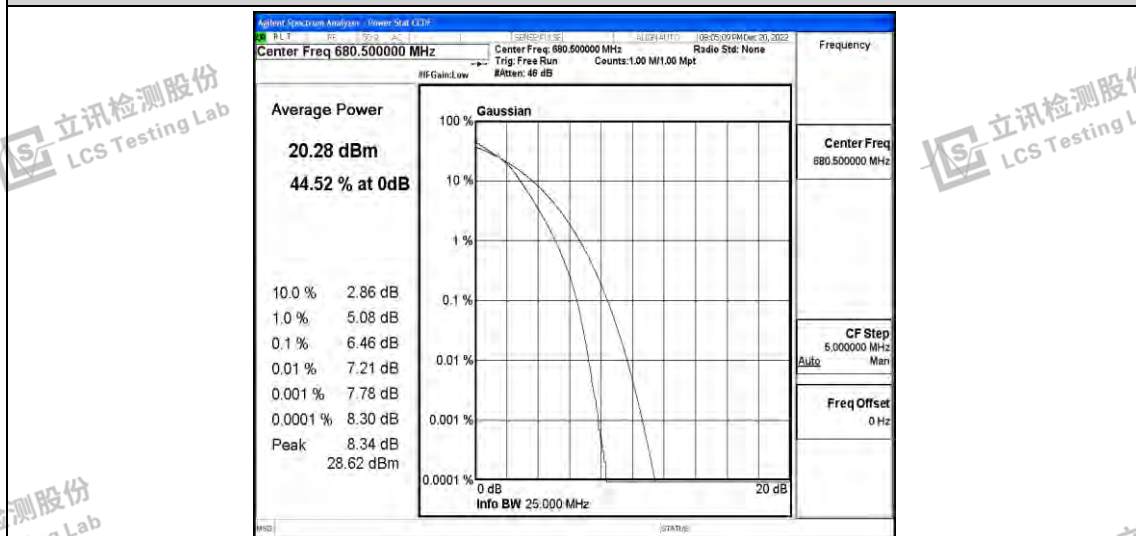




Band71-20MHz-16QAM-133222-100RB#0

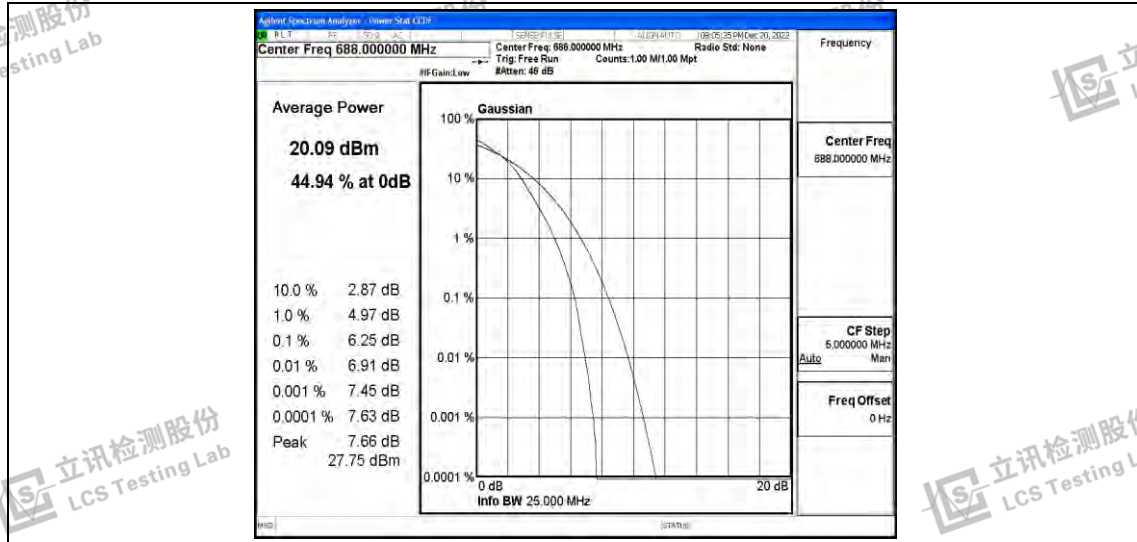


Band71-20MHz-16QAM-133297-100RB#0



Band71-20MHz-16QAM-133372-100RB#0







U.3 26dB Bandwidth and Occupied Bandwidth

Test Result

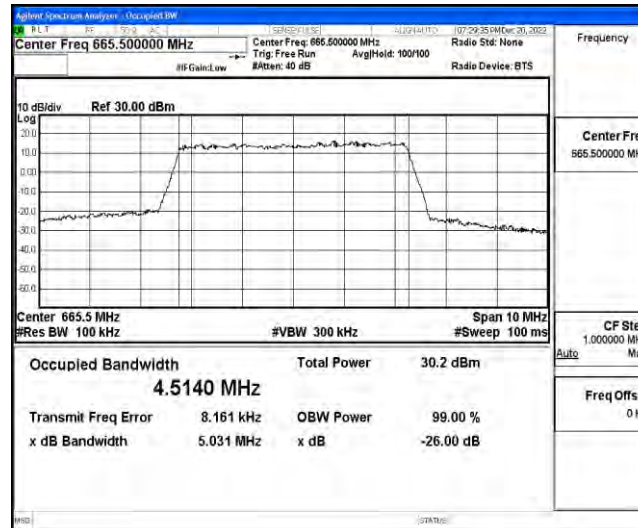
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.5140	5.031	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.5138	5.036	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.4955	4.989	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.5068	4.997	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.5031	4.996	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.5119	5.038	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.9552	9.887	PASS
Band71	10MHz	QPSK	133297	50RB#0	9.0042	10.00	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.9742	9.885	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.9455	9.851	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.9946	9.932	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.9649	9.887	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.429	14.63	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.519	14.74	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.430	14.69	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.406	14.64	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.533	14.81	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.436	14.74	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.915	19.36	PASS
Band71	20MHz	QPSK	133297	100RB#0	17.986	19.46	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.953	19.41	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.911	19.45	PASS
Band71	20MHz	16QAM	133297	100RB#0	17.994	19.46	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.885	19.43	PASS



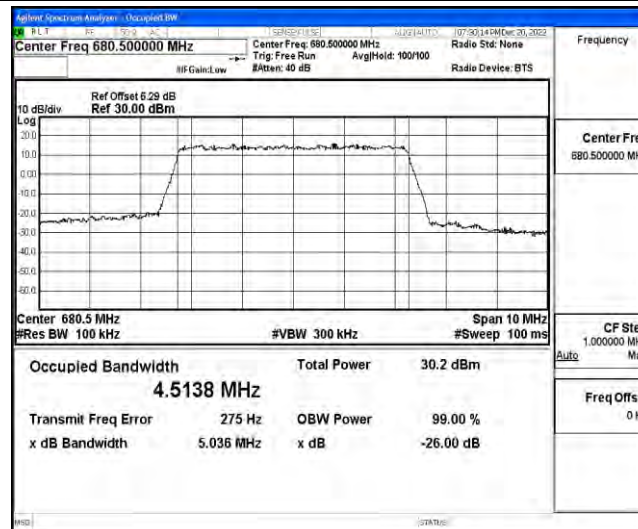


Test Graphs

Band71-5MHz-QPSK-133147-25RB#0

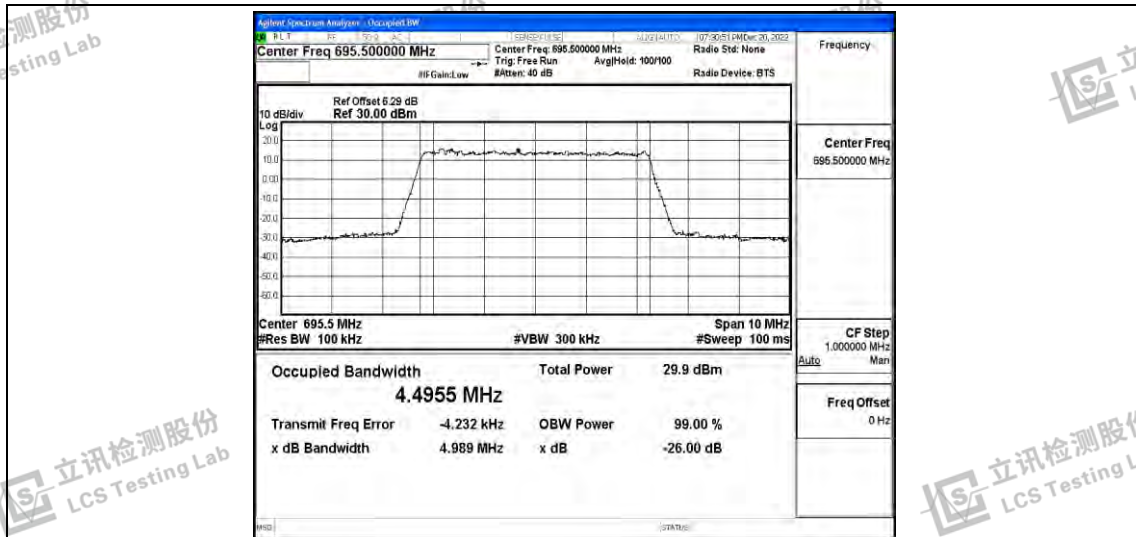


Band71-5MHz-QPSK-133297-25RB#0

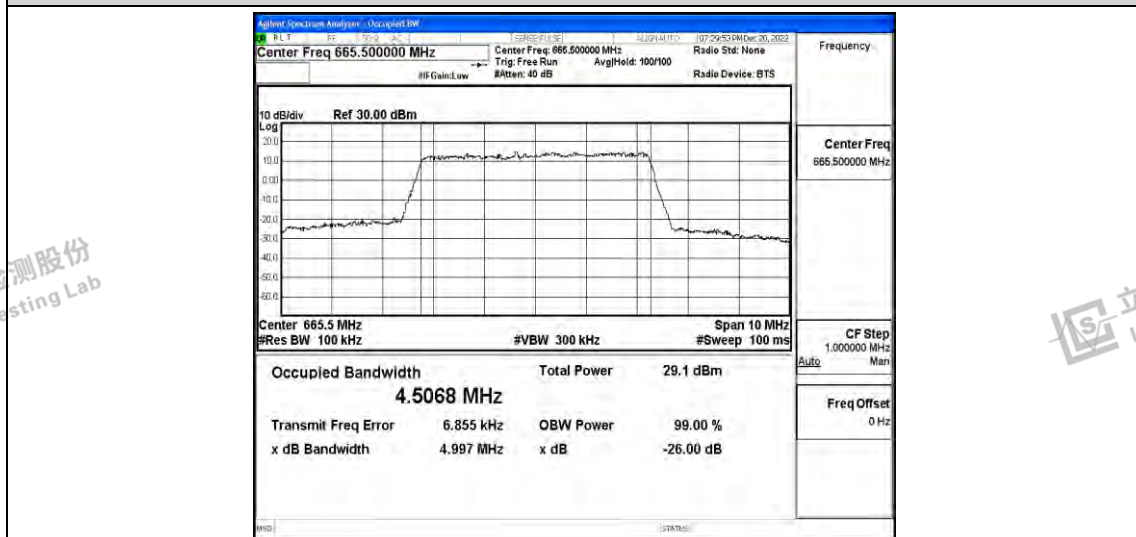


Band71-5MHz-QPSK-133447-25RB#0





Band71-5MHz-16QAM-133147-25RB#0

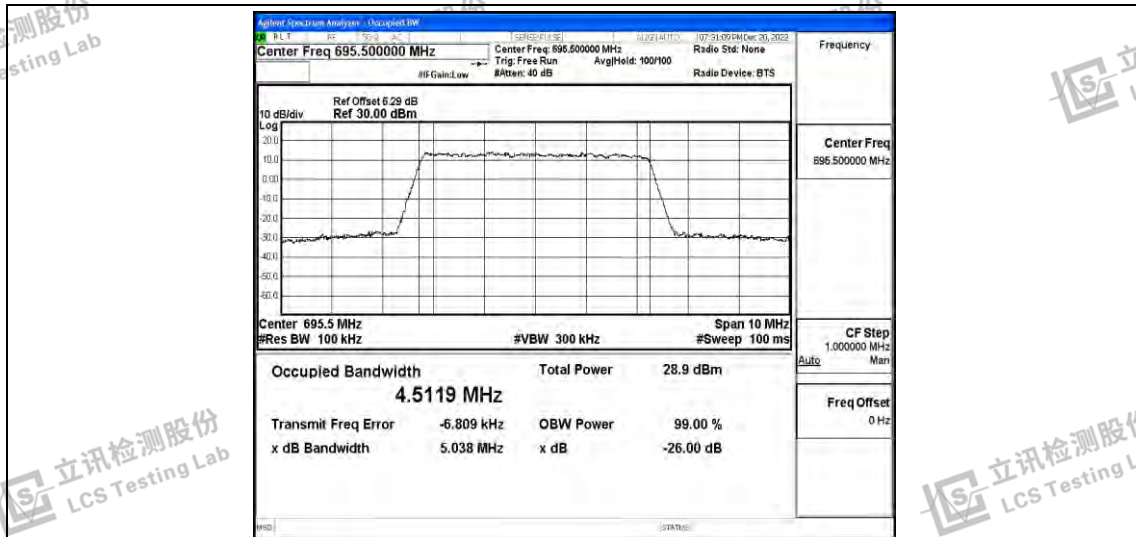


Band71-5MHz-16QAM-133297-25RB#0



Band71-5MHz-16QAM-133447-25RB#0

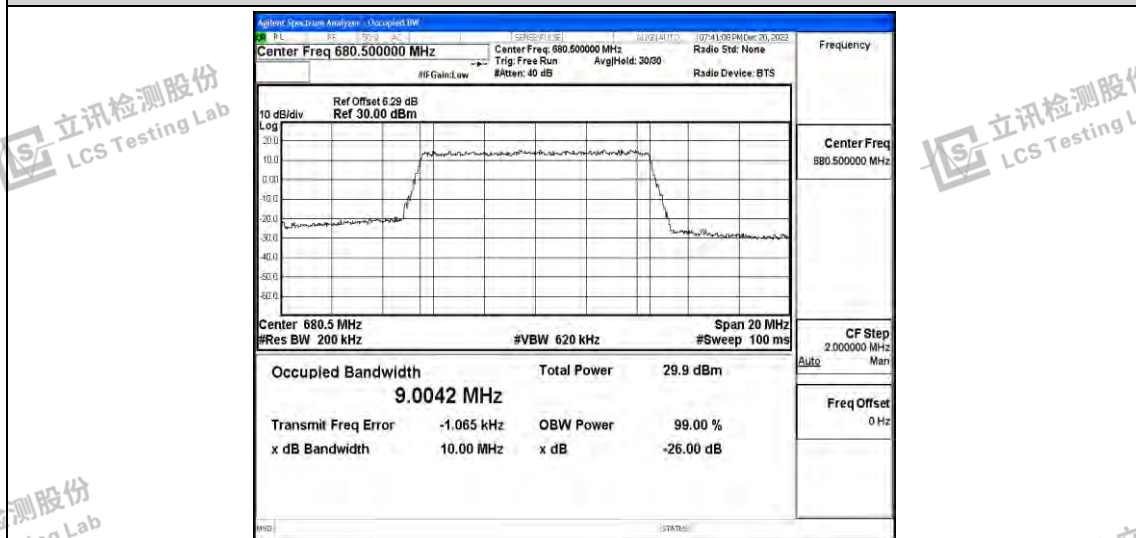




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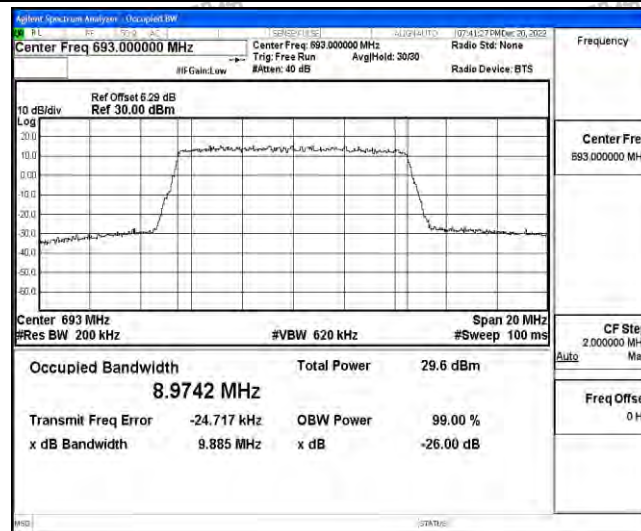


Band71-10MHz-QPSK-133297-50RB#0

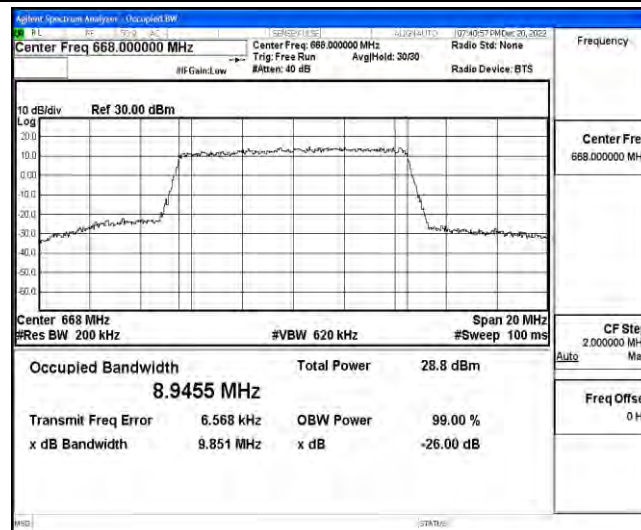


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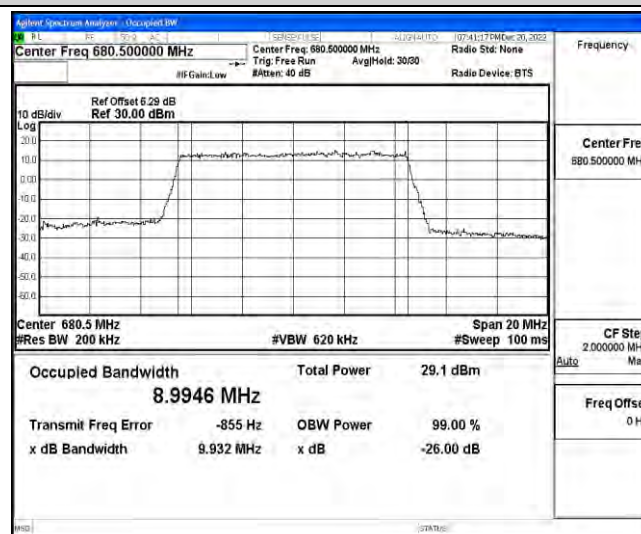




Band71-10MHz-16QAM-133172-50RB#0

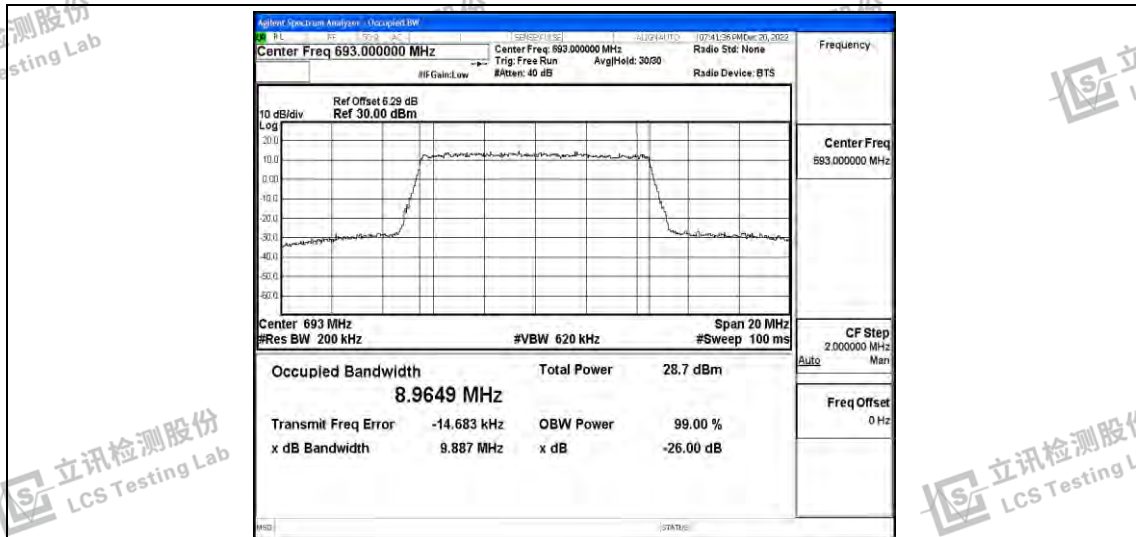


Band71-10MHz-16QAM-133297-50RB#0

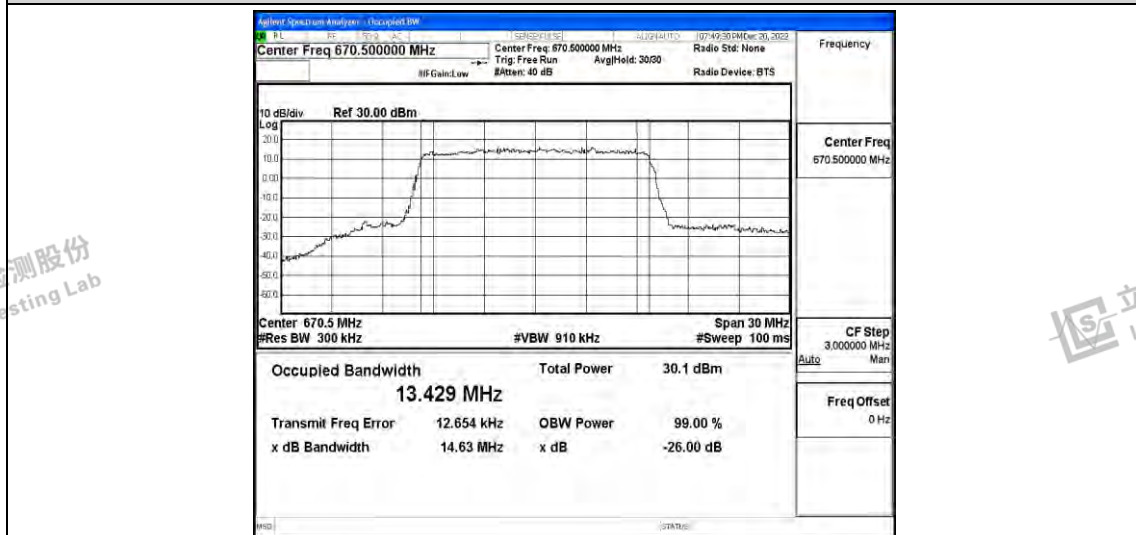


Band71-10MHz-16QAM-133422-50RB#0





Band71-15MHz-QPSK-133197-75RB#0

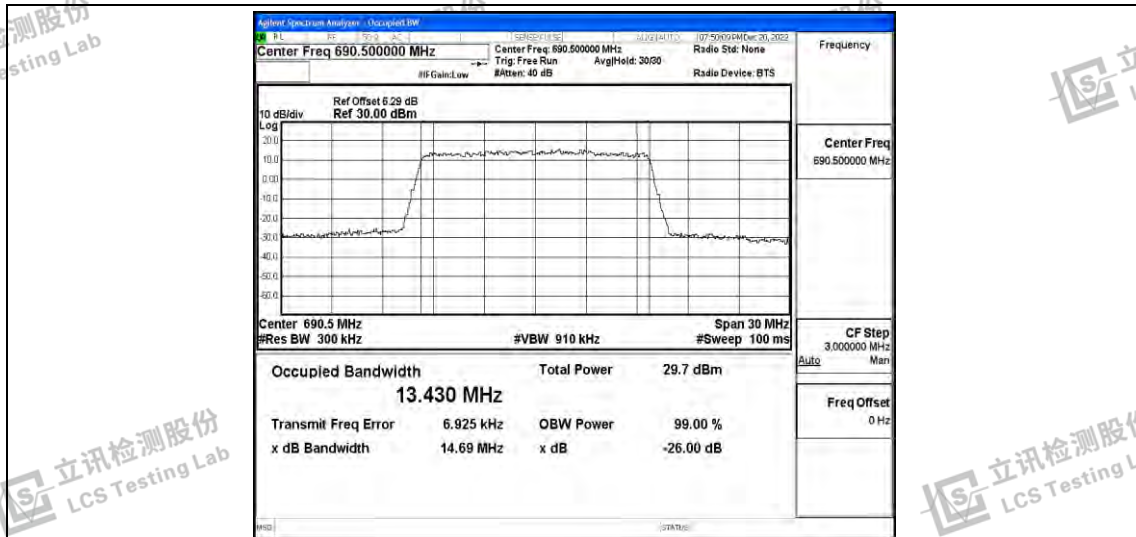


Band71-15MHz-QPSK-133297-75RB#0

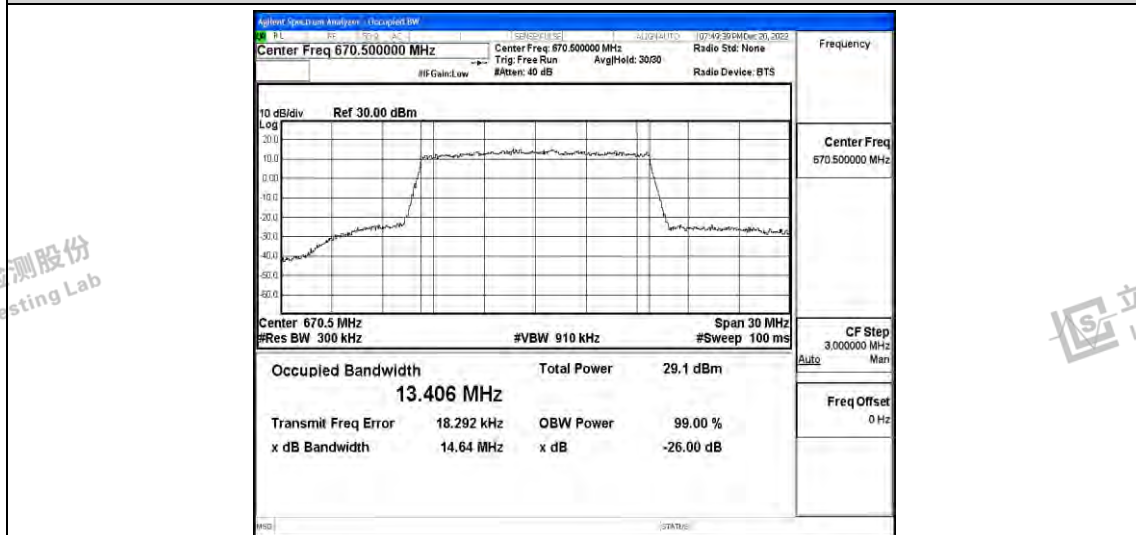


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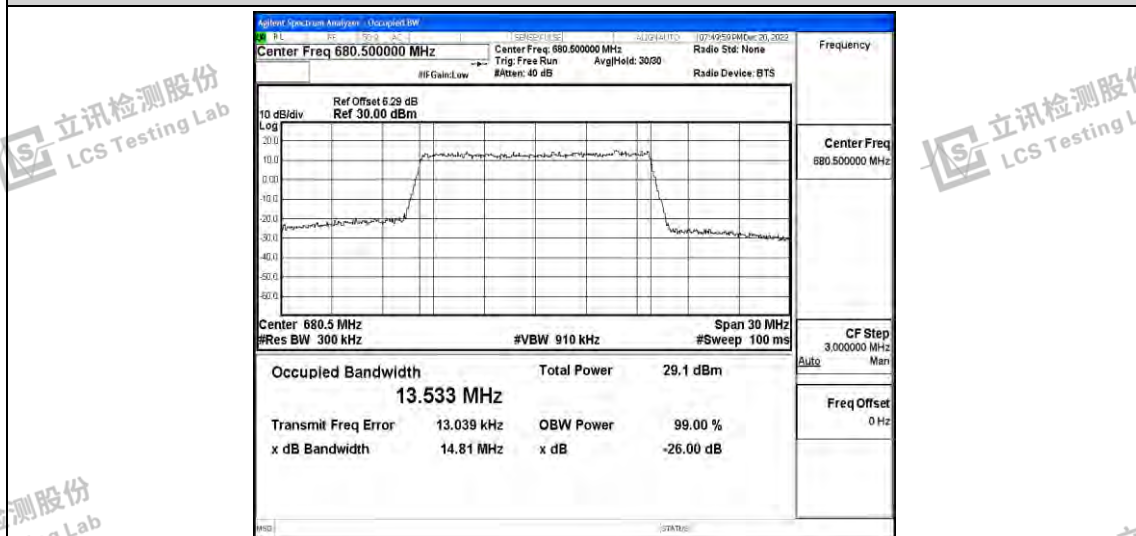




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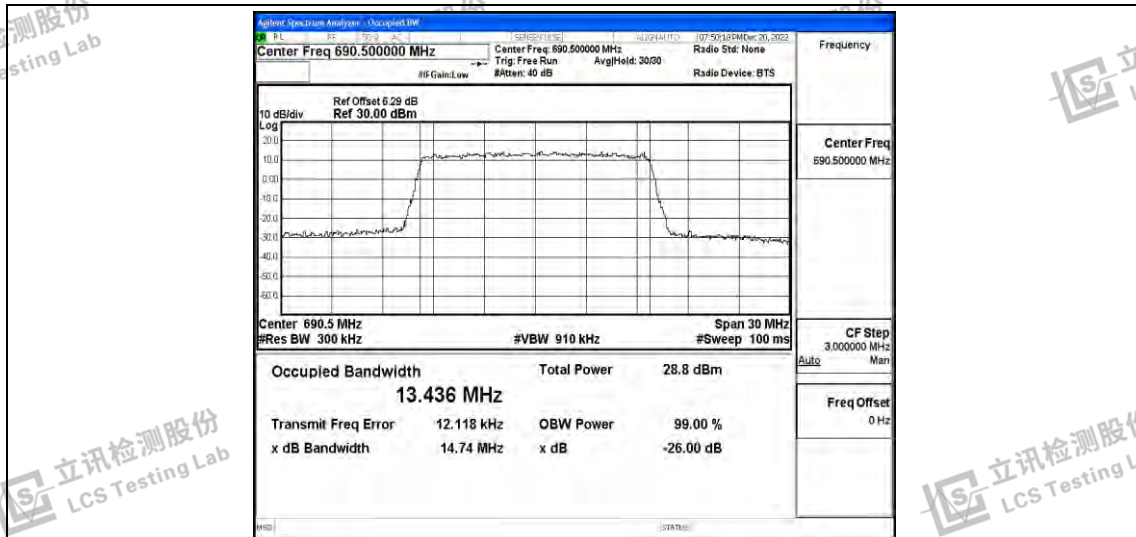


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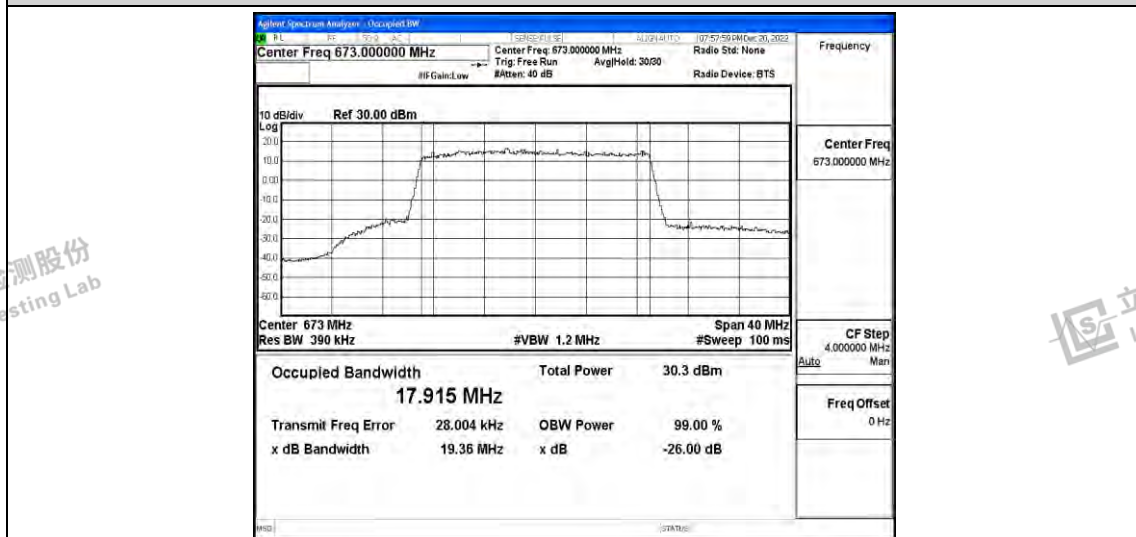


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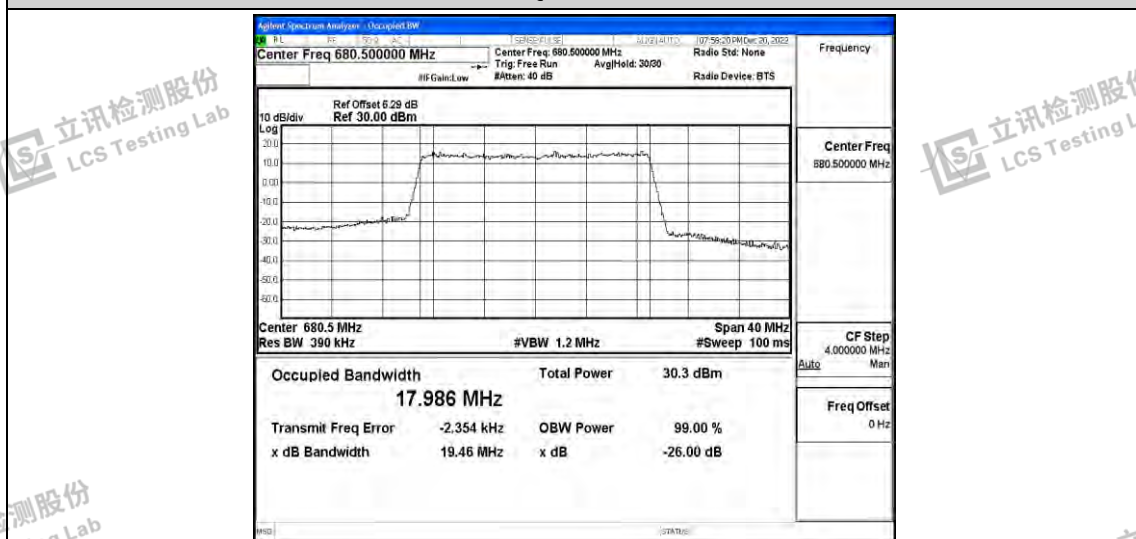




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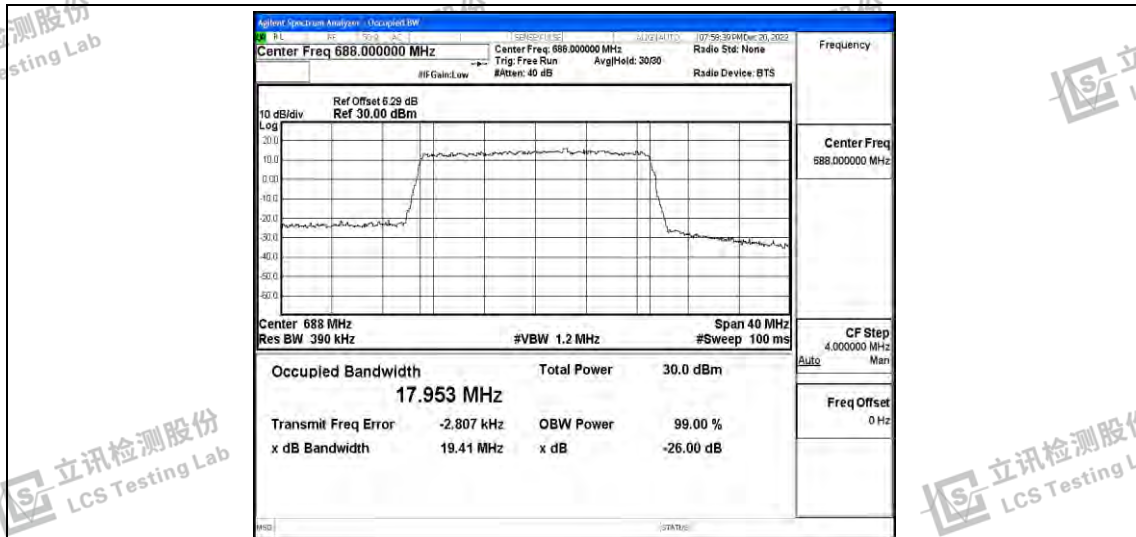


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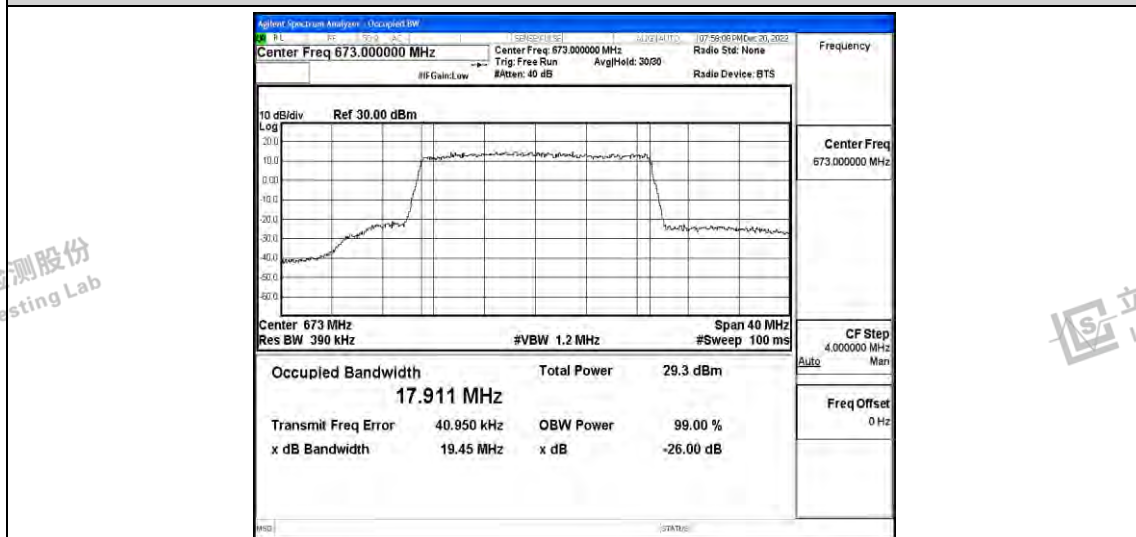


Band71-20MHz-QPSK-133372-100RB#0

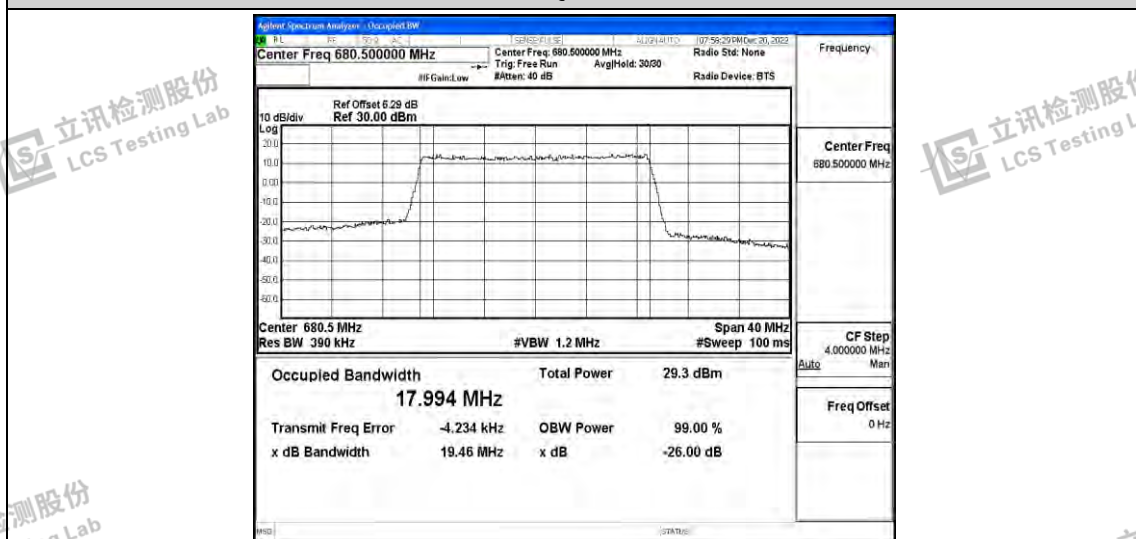




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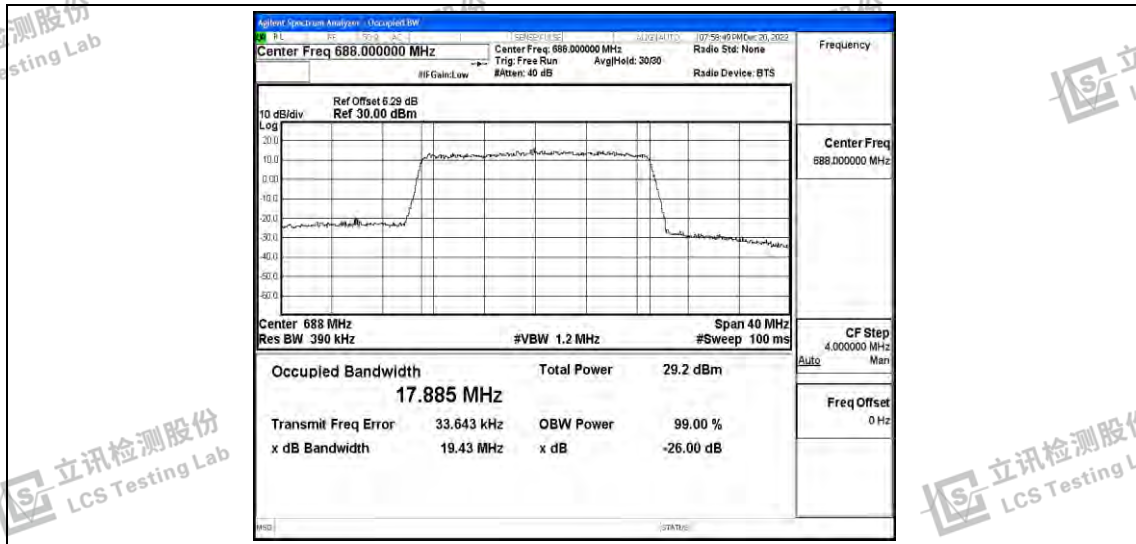


Band71-20MHz-16QAM-133297-100RB#0



Band71-20MHz-16QAM-133372-100RB#0





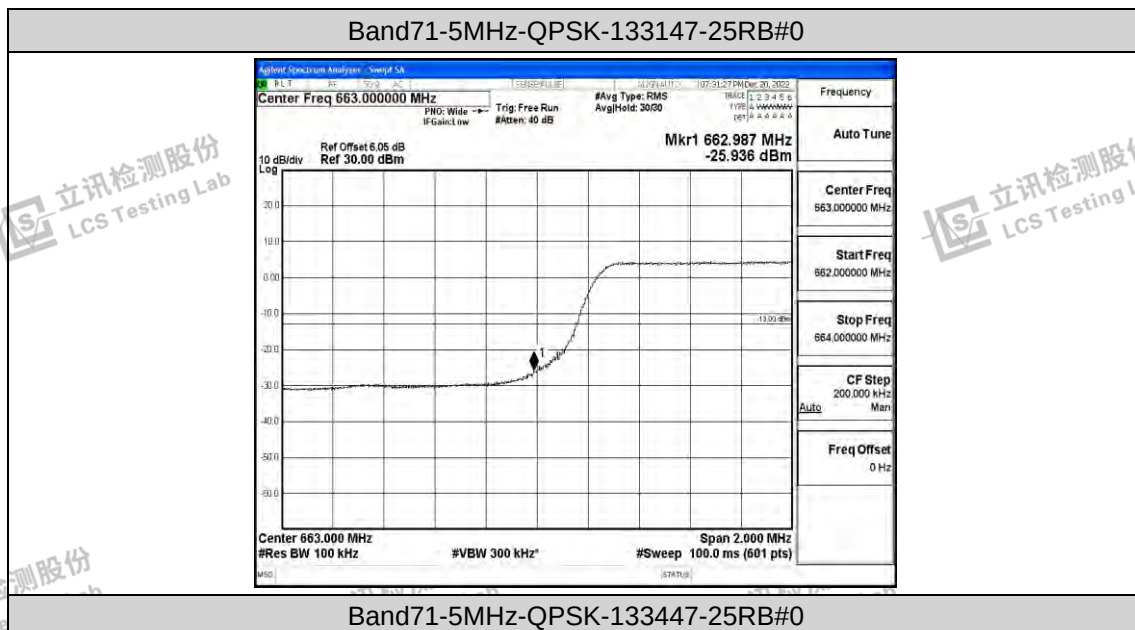


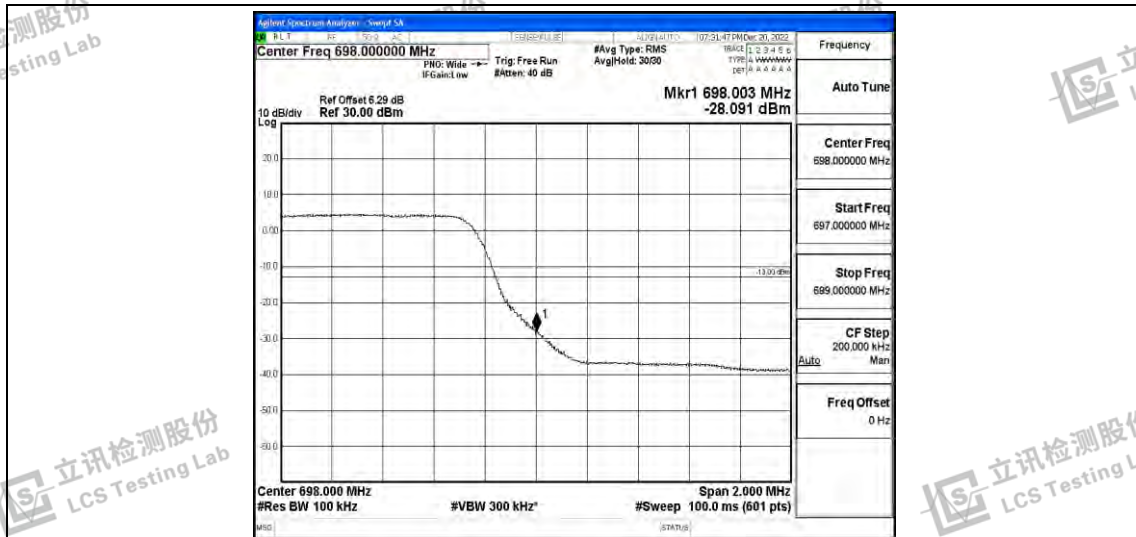
U.4 Band Edge

Test Result

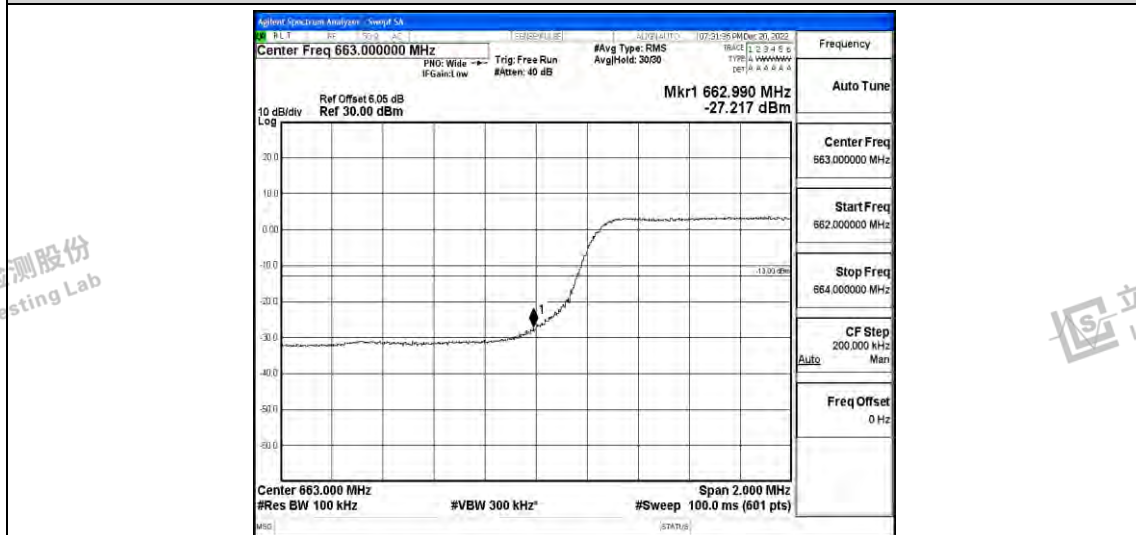
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	-25.94	PASS
Band71	5MHz	QPSK	133447	25RB#0	-28.09	PASS
Band71	5MHz	16QAM	133147	25RB#0	-27.22	PASS
Band71	5MHz	16QAM	133447	25RB#0	-28.93	PASS
Band71	10MHz	QPSK	133172	50RB#0	-28.61	PASS
Band71	10MHz	QPSK	133422	50RB#0	-31.49	PASS
Band71	10MHz	16QAM	133172	50RB#0	-30.04	PASS
Band71	10MHz	16QAM	133422	50RB#0	-31.69	PASS
Band71	15MHz	QPSK	133197	75RB#0	-30.90	PASS
Band71	15MHz	QPSK	133397	75RB#0	-33.05	PASS
Band71	15MHz	16QAM	133197	75RB#0	-32.41	PASS
Band71	15MHz	16QAM	133397	75RB#0	-34.80	PASS
Band71	20MHz	QPSK	133222	100RB#0	-29.67	PASS
Band71	20MHz	QPSK	133372	100RB#0	-33.99	PASS
Band71	20MHz	16QAM	133222	100RB#0	-31.14	PASS
Band71	20MHz	16QAM	133372	100RB#0	-34.57	PASS

Test Graphs

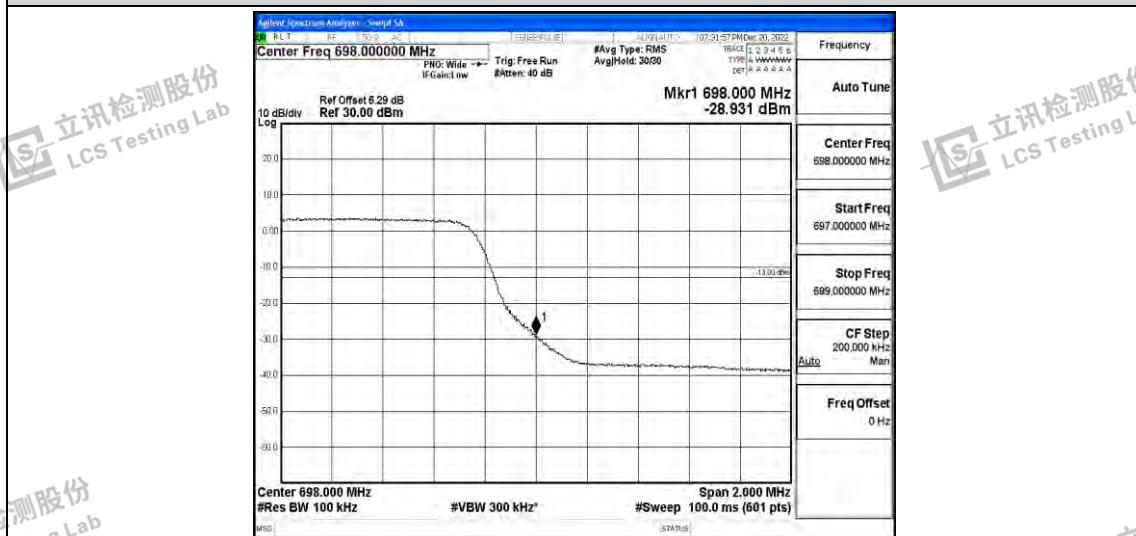




Band71-5MHz-16QAM-133147-25RB#0

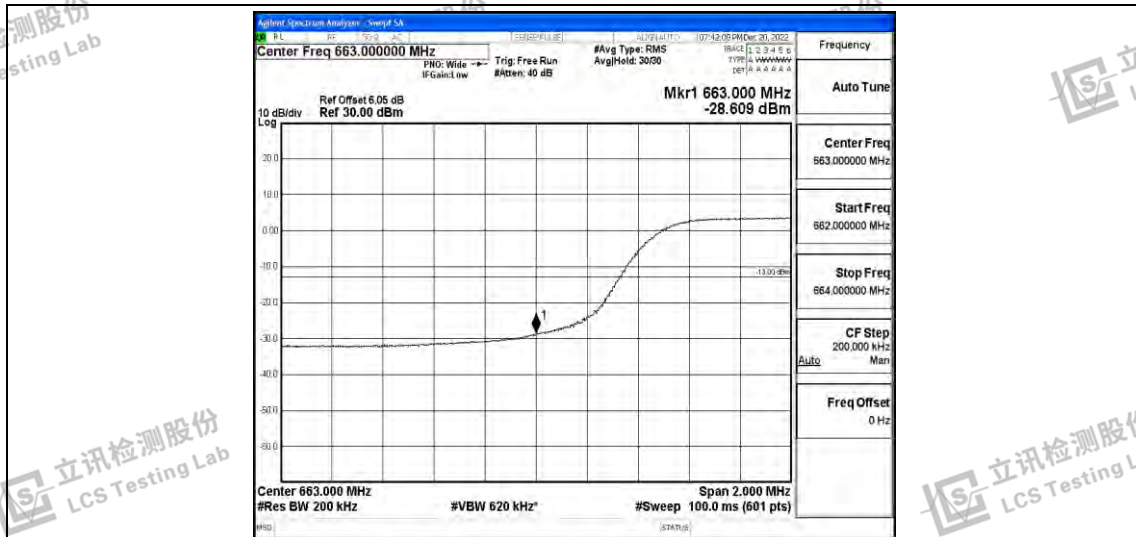


Band71-5MHz-16QAM-133447-25RB#0

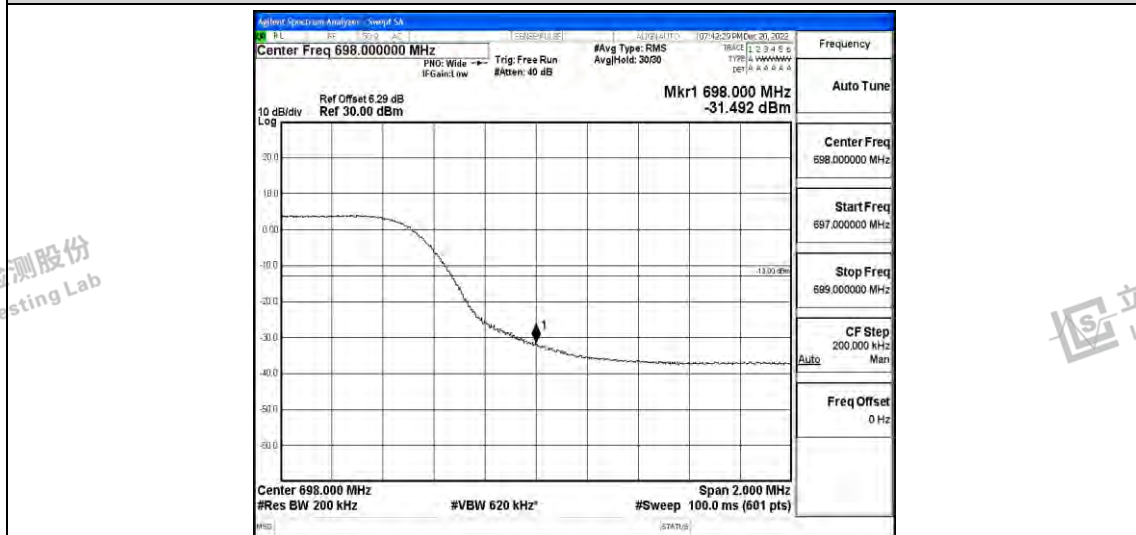


Band71-10MHz-QPSK-133172-50RB#0

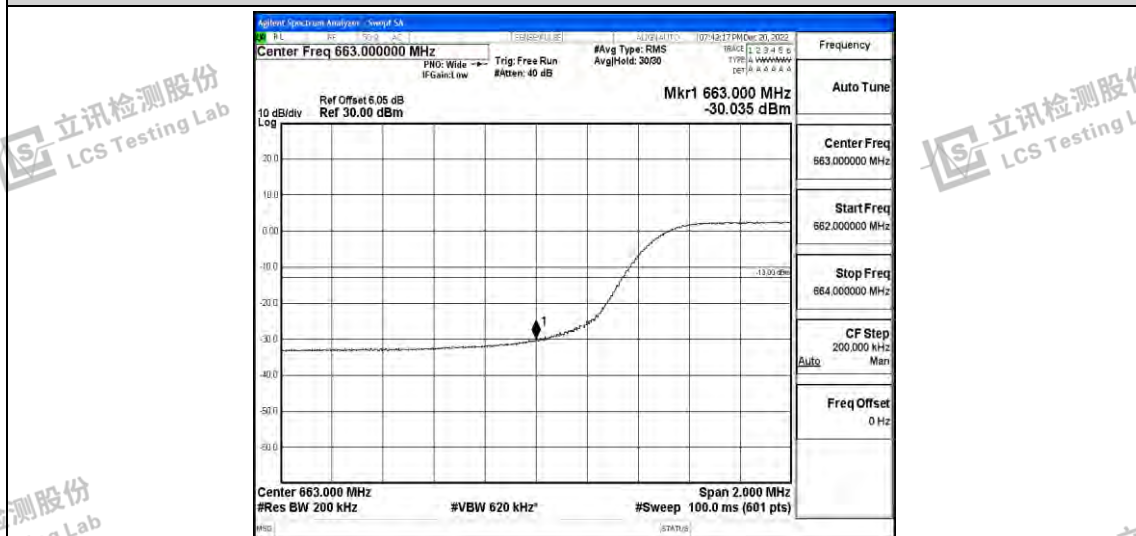




Band71-10MHz-QPSK-133422-50RB#0

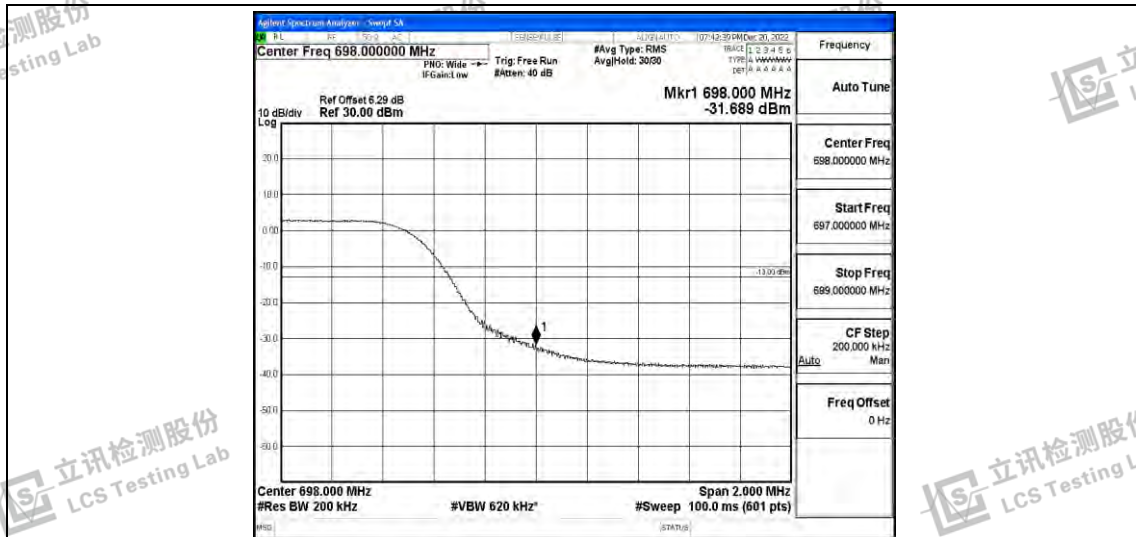


Band71-10MHz-16QAM-133172-50RB#0

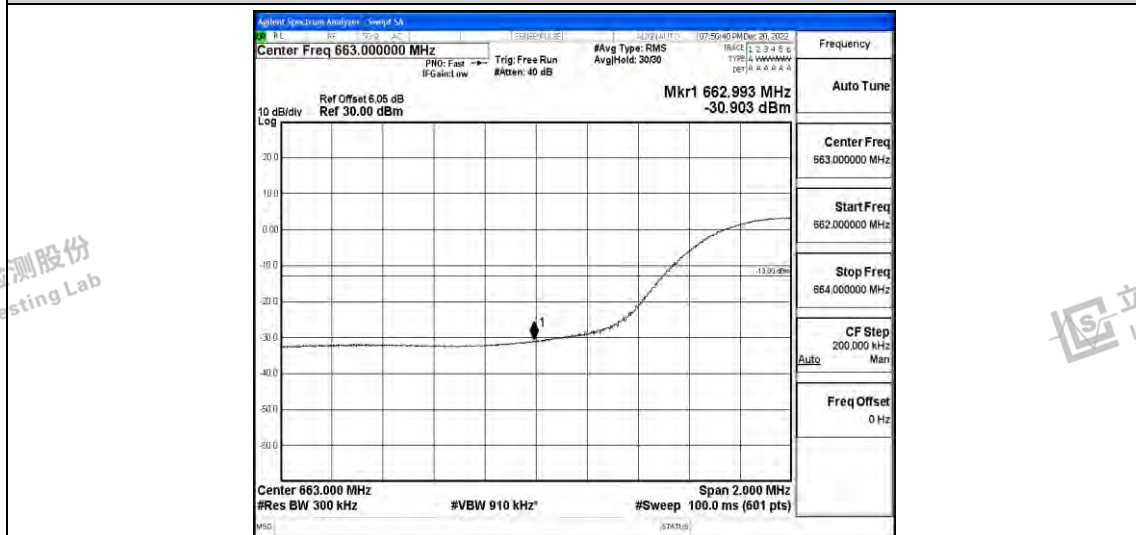


Band71-10MHz-16QAM-133422-50RB#0

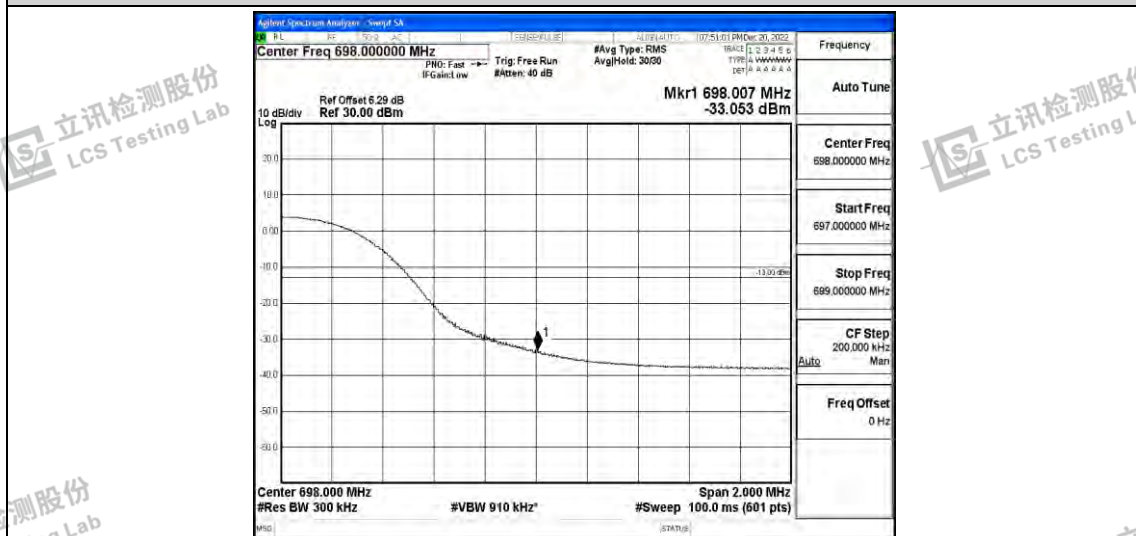




Band71-15MHz-QPSK-133197-75RB#0

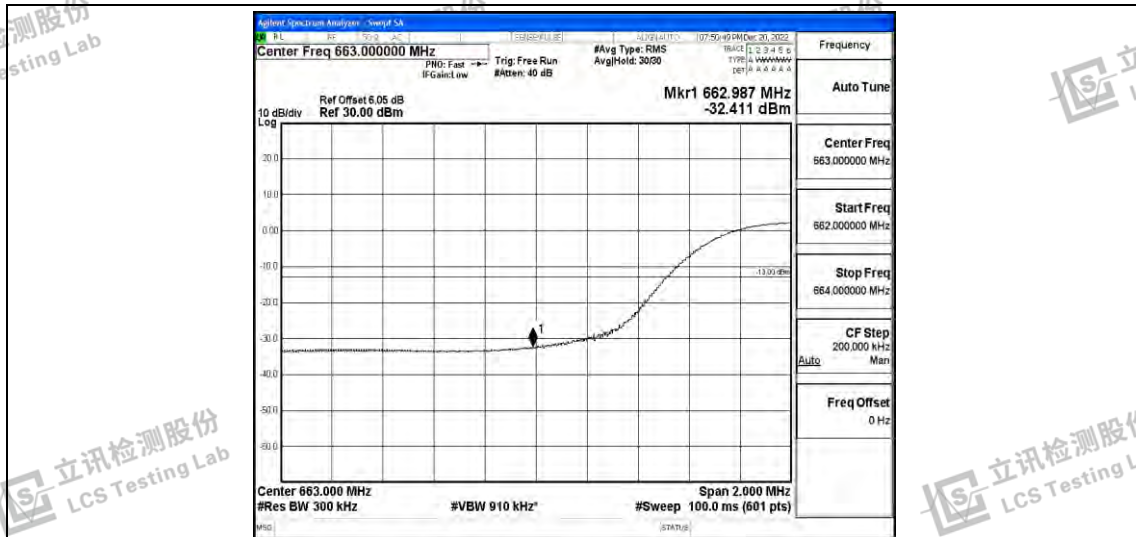


Band71-15MHz-QPSK-133397-75RB#0

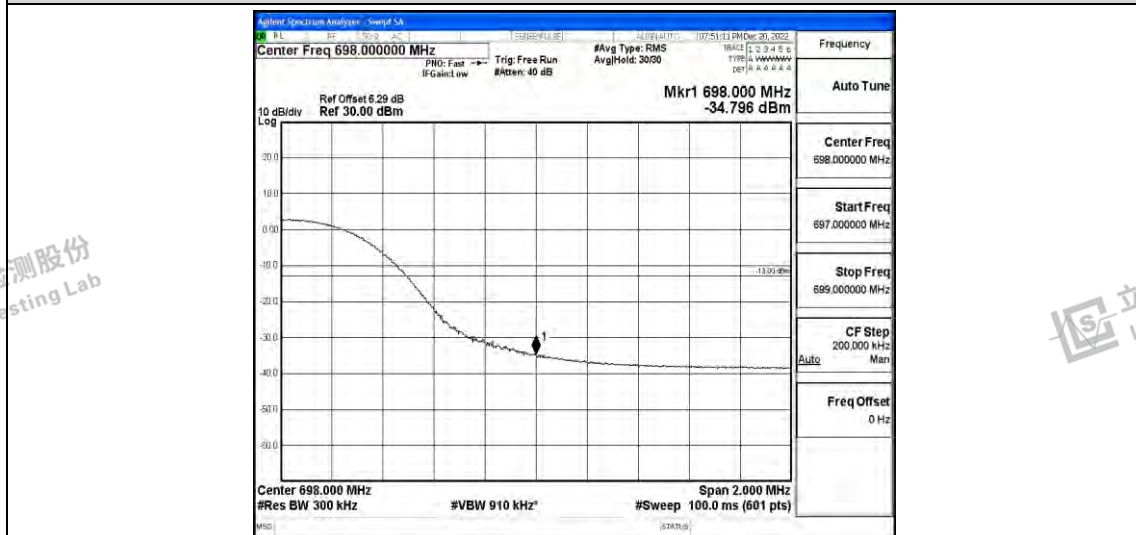


Band71-15MHz-16QAM-133197-75RB#0

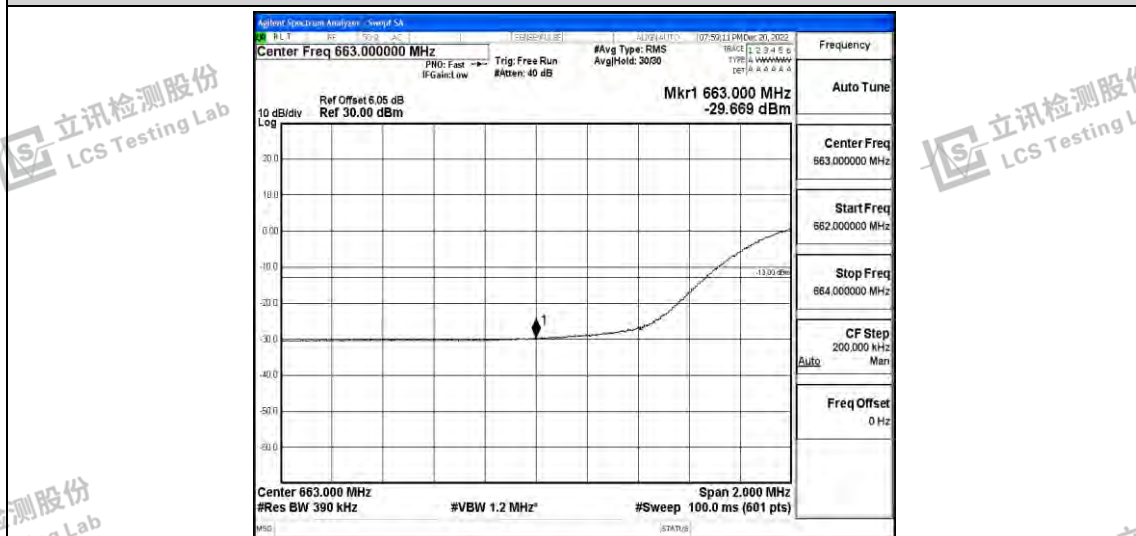




Band71-15MHz-16QAM-133397-75RB#0

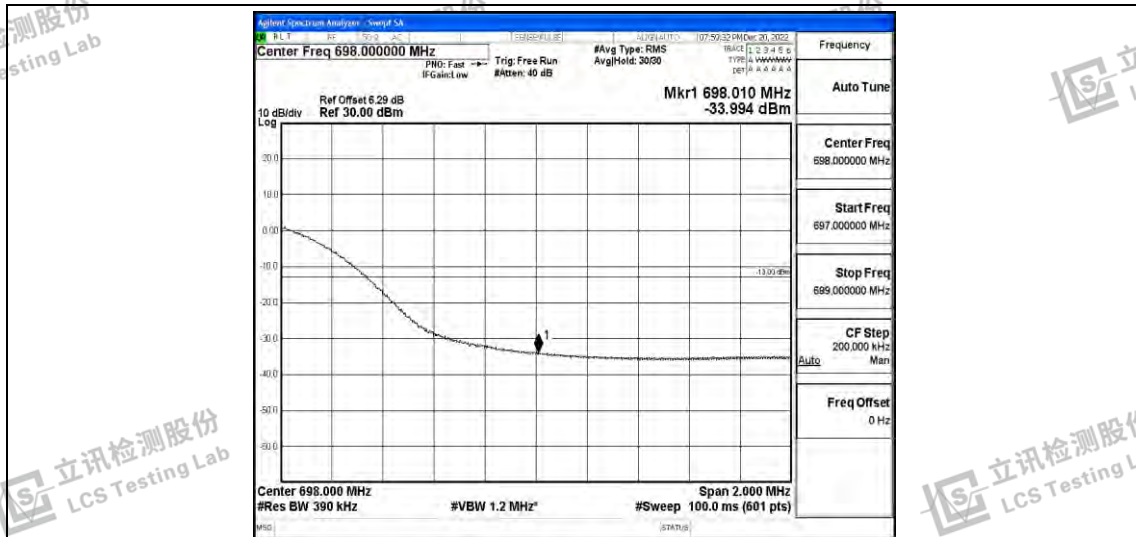


Band71-20MHz-QPSK-133222-100RB#0

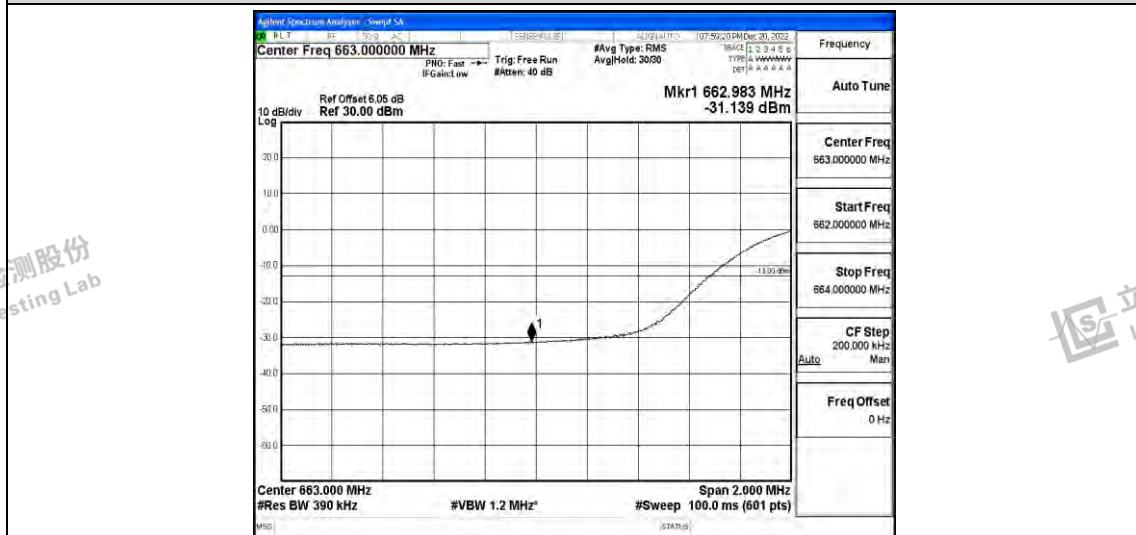


Band71-20MHz-QPSK-133372-100RB#0

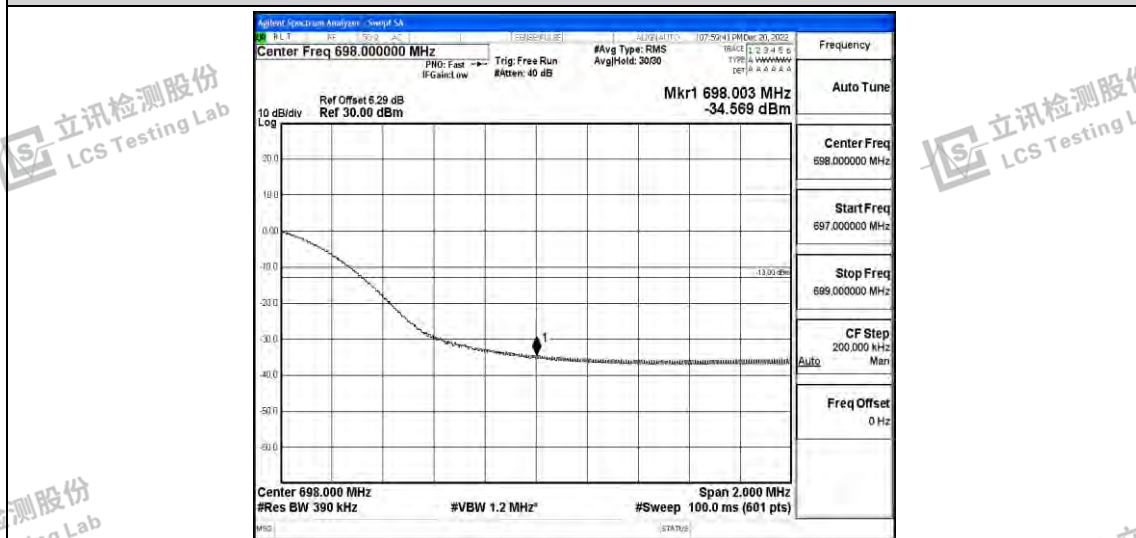




Band71-20MHz-16QAM-133222-100RB#0



Band71-20MHz-16QAM-133372-100RB#0





U.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	Range1:0.009~0.15MHz	-54.77	PASS
Band71	5MHz	QPSK	133147	1RB#0	Range2:0.15~30MHz	-52.96	PASS
Band71	5MHz	QPSK	133147	1RB#0	Range3:30~1000MHz	-39.18	PASS
Band71	5MHz	QPSK	133147	1RB#0	Range4:1000~10000MHz	-44.98	PASS
Band71	5MHz	QPSK	133297	1RB#0	Range1:0.009~0.15MHz	-56.21	PASS
Band71	5MHz	QPSK	133297	1RB#0	Range2:0.15~30MHz	-49.01	PASS
Band71	5MHz	QPSK	133297	1RB#0	Range3:30~1000MHz	-39.81	PASS
Band71	5MHz	QPSK	133297	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range1:0.009~0.15MHz	-56.94	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range2:0.15~30MHz	-52.21	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range3:30~1000MHz	-41	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range4:1000~10000MHz	-44.94	PASS
Band71	5MHz	16QAM	133147	1RB#0	Range1:0.009~0.15MHz	-56.26	PASS
Band71	5MHz	16QAM	133147	1RB#0	Range2:0.15~30MHz	-50.37	PASS
Band71	5MHz	16QAM	133147	1RB#0	Range3:30~1000MHz	-40.35	PASS
Band71	5MHz	16QAM	133147	1RB#0	Range4:1000~10000MHz	-45	PASS
Band71	5MHz	16QAM	133297	1RB#0	Range1:0.009~0.15MHz	-54.87	PASS
Band71	5MHz	16QAM	133297	1RB#0	Range2:0.15~30MHz	-51.33	PASS
Band71	5MHz	16QAM	133297	1RB#0	Range3:30~1000MHz	-40.11	PASS
Band71	5MHz	16QAM	133297	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band71	5MHz	16QAM	133447	1RB#0	Range1:0.009~0.15MHz	-55.83	PASS
Band71	5MHz	16QAM	133447	1RB#0	Range2:0.15~30MHz	-51.06	PASS
Band71	5MHz	16QAM	133447	1RB#0	Range3:30~1000MHz	-40.06	PASS
Band71	5MHz	16QAM	133447	1RB#0	Range4:1000~10000MHz	-44.98	PASS
Band71	10MHz	QPSK	133172	1RB#0	Range1:0.009~0.15MHz	-54.55	PASS
Band71	10MHz	QPSK	133172	1RB#0	Range2:0.15~30MHz	-51.87	PASS
Band71	10MHz	QPSK	133172	1RB#0	Range3:30~1000MHz	-40.74	PASS
Band71	10MHz	QPSK	133172	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band71	10MHz	QPSK	133297	1RB#0	Range1:0.009~0.15MHz	-55.4	PASS
Band71	10MHz	QPSK	133297	1RB#0	Range2:0.15~30MHz	-50.88	PASS
Band71	10MHz	QPSK	133297	1RB#0	Range3:30~1000MHz	-40.55	PASS
Band71	10MHz	QPSK	133297	1RB#0	Range4:1000~10000MHz	-45	PASS
Band71	10MHz	QPSK	133422	1RB#0	Range1:0.009~0.15MHz	-57.08	PASS
Band71	10MHz	QPSK	133422	1RB#0	Range2:0.15~30MHz	-51.76	PASS



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Scan code to check authenticity



Band71	10MHz	QPSK	133422	1RB#0	Range3:30~1000MHz	-40.94	PASS
Band71	10MHz	QPSK	133422	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band71	10MHz	16QAM	133172	1RB#0	Range1:0.009~0.15MHz	-56.19	PASS
Band71	10MHz	16QAM	133172	1RB#0	Range2:0.15~30MHz	-50.83	PASS
Band71	10MHz	16QAM	133172	1RB#0	Range3:30~1000MHz	-40.56	PASS
Band71	10MHz	16QAM	133172	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band71	10MHz	16QAM	133297	1RB#0	Range1:0.009~0.15MHz	-56.64	PASS
Band71	10MHz	16QAM	133297	1RB#0	Range2:0.15~30MHz	-49.93	PASS
Band71	10MHz	16QAM	133297	1RB#0	Range3:30~1000MHz	-40.49	PASS
Band71	10MHz	16QAM	133297	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band71	10MHz	16QAM	133422	1RB#0	Range1:0.009~0.15MHz	-54.41	PASS
Band71	10MHz	16QAM	133422	1RB#0	Range2:0.15~30MHz	-51.67	PASS
Band71	10MHz	16QAM	133422	1RB#0	Range3:30~1000MHz	-41.5	PASS
Band71	10MHz	16QAM	133422	1RB#0	Range4:1000~10000MHz	-44.98	PASS
Band71	15MHz	QPSK	133197	1RB#0	Range1:0.009~0.15MHz	-55.3	PASS
Band71	15MHz	QPSK	133197	1RB#0	Range2:0.15~30MHz	-51.04	PASS
Band71	15MHz	QPSK	133197	1RB#0	Range3:30~1000MHz	-40.21	PASS
Band71	15MHz	QPSK	133197	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band71	15MHz	QPSK	133297	1RB#0	Range1:0.009~0.15MHz	-54.99	PASS
Band71	15MHz	QPSK	133297	1RB#0	Range2:0.15~30MHz	-51.97	PASS
Band71	15MHz	QPSK	133297	1RB#0	Range3:30~1000MHz	-40.14	PASS
Band71	15MHz	QPSK	133297	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band71	15MHz	QPSK	133397	1RB#0	Range1:0.009~0.15MHz	-54.74	PASS
Band71	15MHz	QPSK	133397	1RB#0	Range2:0.15~30MHz	-50.27	PASS
Band71	15MHz	QPSK	133397	1RB#0	Range3:30~1000MHz	-40.65	PASS
Band71	15MHz	QPSK	133397	1RB#0	Range4:1000~10000MHz	-45.02	PASS
Band71	15MHz	16QAM	133197	1RB#0	Range1:0.009~0.15MHz	-54.19	PASS
Band71	15MHz	16QAM	133197	1RB#0	Range2:0.15~30MHz	-50.89	PASS
Band71	15MHz	16QAM	133197	1RB#0	Range3:30~1000MHz	-40.37	PASS
Band71	15MHz	16QAM	133197	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band71	15MHz	16QAM	133297	1RB#0	Range1:0.009~0.15MHz	-54.36	PASS
Band71	15MHz	16QAM	133297	1RB#0	Range2:0.15~30MHz	-50.67	PASS
Band71	15MHz	16QAM	133297	1RB#0	Range3:30~1000MHz	-40.27	PASS
Band71	15MHz	16QAM	133297	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band71	15MHz	16QAM	133397	1RB#0	Range1:0.009~0.15MHz	-54.73	PASS
Band71	15MHz	16QAM	133397	1RB#0	Range2:0.15~30MHz	-51.12	PASS
Band71	15MHz	16QAM	133397	1RB#0	Range3:30~1000MHz	-39.62	PASS
Band71	15MHz	16QAM	133397	1RB#0	Range4:1000~10000MHz	-44.8	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range1:0.009~0.15MHz	-56.05	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range2:0.15~30MHz	-51.77	PASS



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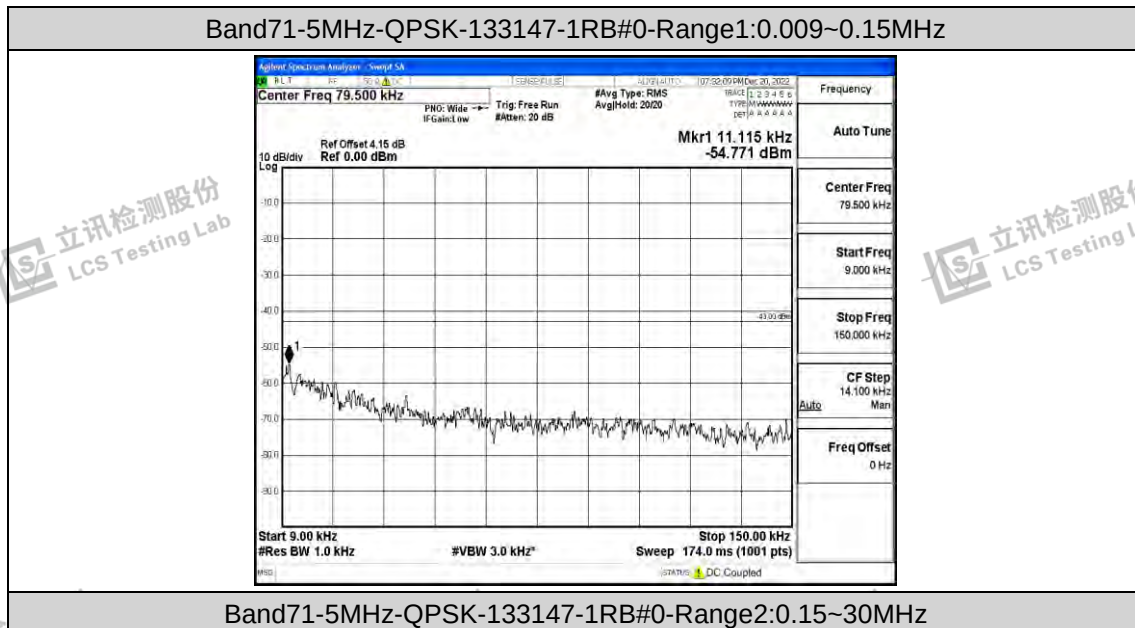
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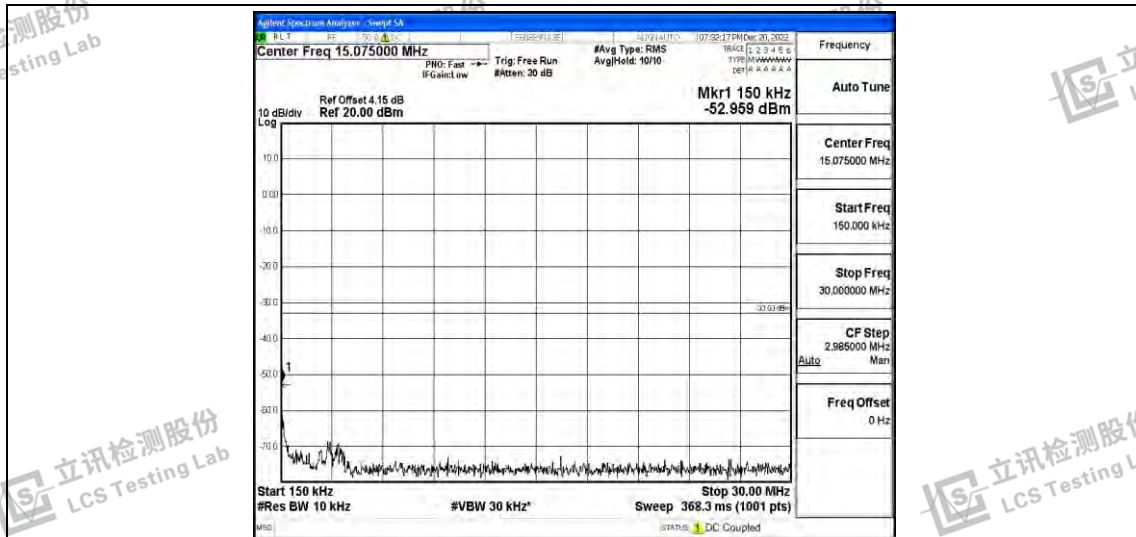
Scan code to check authenticity



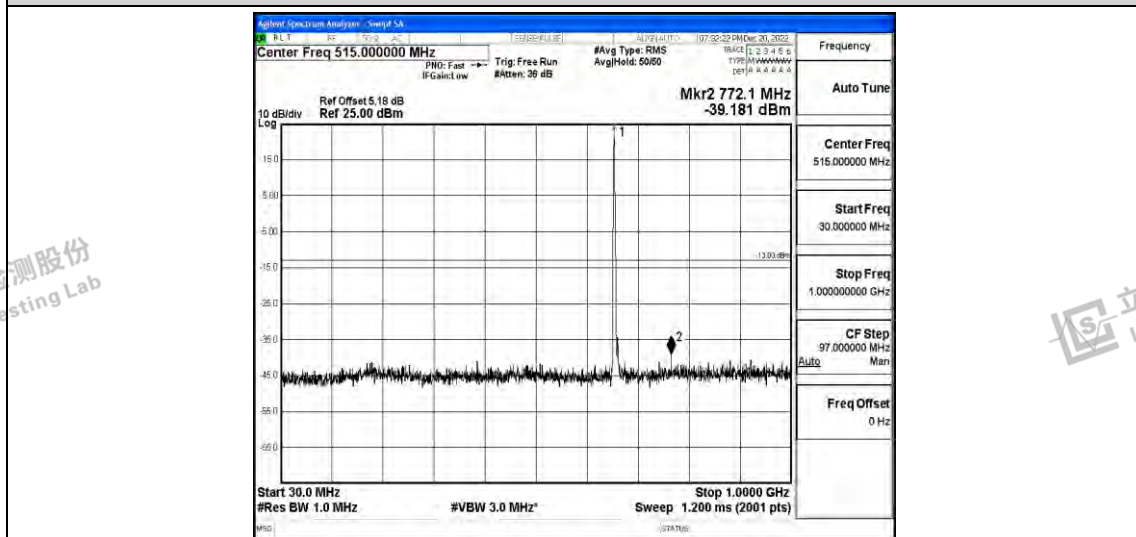
Band71	20MHz	QPSK	133222	1RB#0	Range3:30~1000MHz	-40.5	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band71	20MHz	QPSK	133297	1RB#0	Range1:0.009~0.15MHz	-55.4	PASS
Band71	20MHz	QPSK	133297	1RB#0	Range2:0.15~30MHz	-50.74	PASS
Band71	20MHz	QPSK	133297	1RB#0	Range3:30~1000MHz	-41.56	PASS
Band71	20MHz	QPSK	133297	1RB#0	Range4:1000~10000MHz	-45.04	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range1:0.009~0.15MHz	-54.51	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range2:0.15~30MHz	-51.84	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range3:30~1000MHz	-40.26	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band71	20MHz	16QAM	133222	1RB#0	Range1:0.009~0.15MHz	-55.7	PASS
Band71	20MHz	16QAM	133222	1RB#0	Range2:0.15~30MHz	-51.47	PASS
Band71	20MHz	16QAM	133222	1RB#0	Range3:30~1000MHz	-41.13	PASS
Band71	20MHz	16QAM	133222	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band71	20MHz	16QAM	133297	1RB#0	Range1:0.009~0.15MHz	-54.39	PASS
Band71	20MHz	16QAM	133297	1RB#0	Range2:0.15~30MHz	-51.48	PASS
Band71	20MHz	16QAM	133297	1RB#0	Range3:30~1000MHz	-41.38	PASS
Band71	20MHz	16QAM	133297	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range1:0.009~0.15MHz	-55.57	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range2:0.15~30MHz	-50.41	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range3:30~1000MHz	-40.63	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range4:1000~10000MHz	-44.9	PASS

Test Graphs

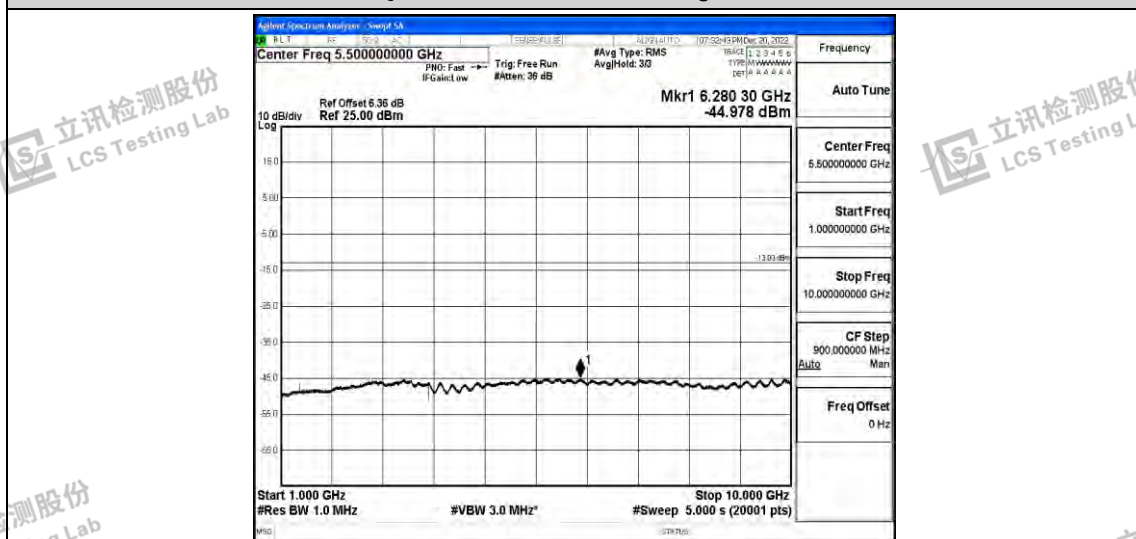




Band71-5MHz-QPSK-133147-1RB#0-Range3:30~1000MHz

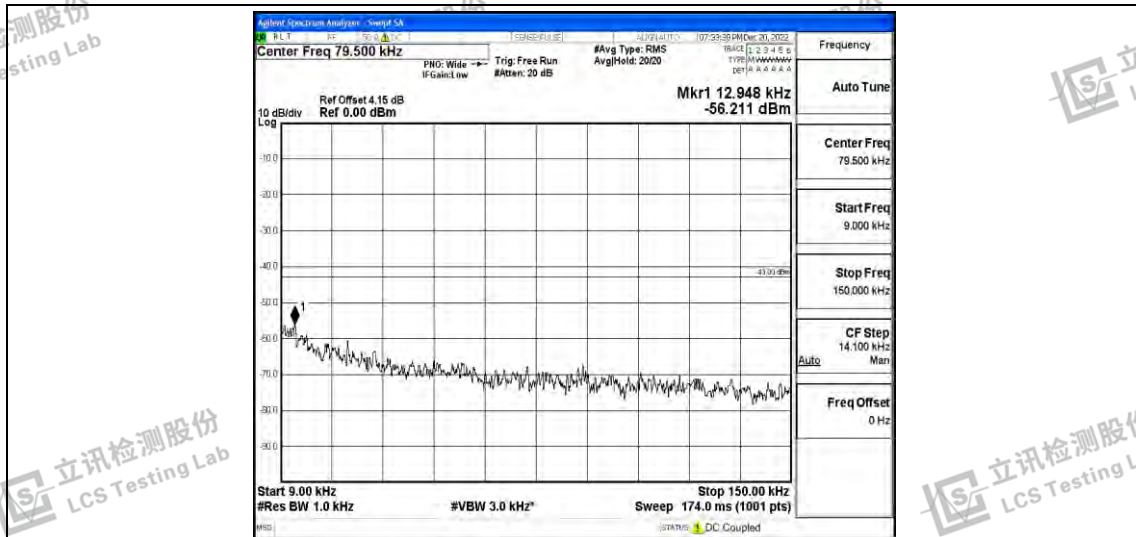


Band71-5MHz-QPSK-133147-1RB#0-Range4:1000~10000MHz



Band71-5MHz-QPSK-133297-1RB#0-Range1:0.009~0.15MHz

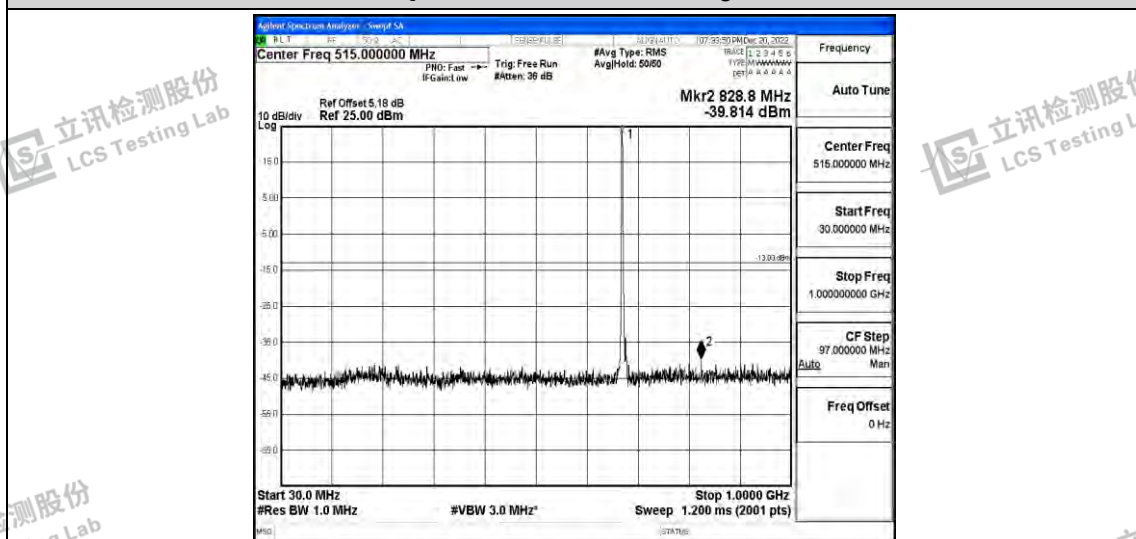




Band71-5MHz-QPSK-133297-1RB#0-Range2:0.15~30MHz

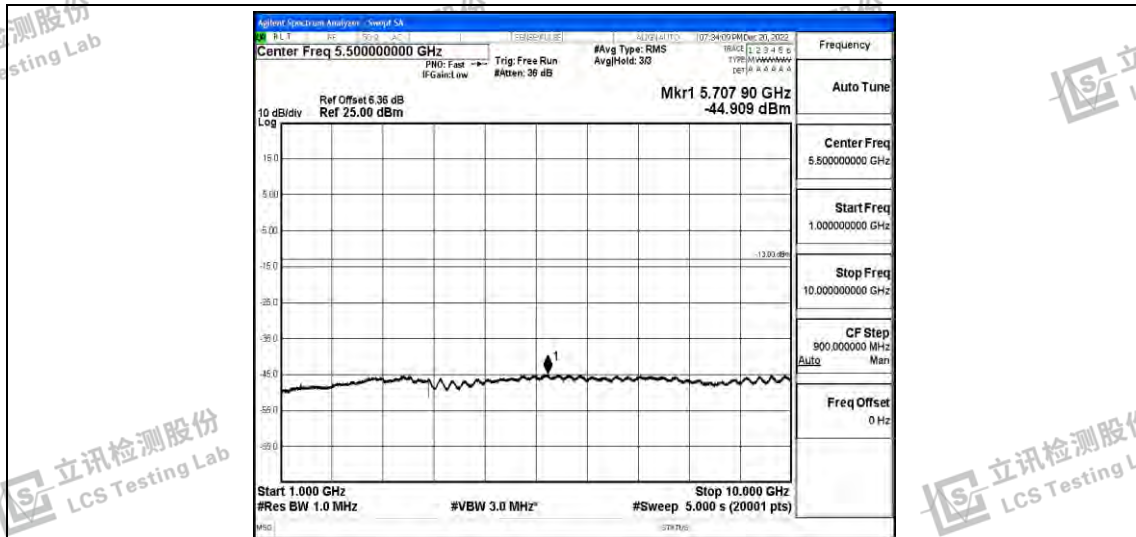


Band71-5MHz-QPSK-133297-1RB#0-Range3:30~1000MHz

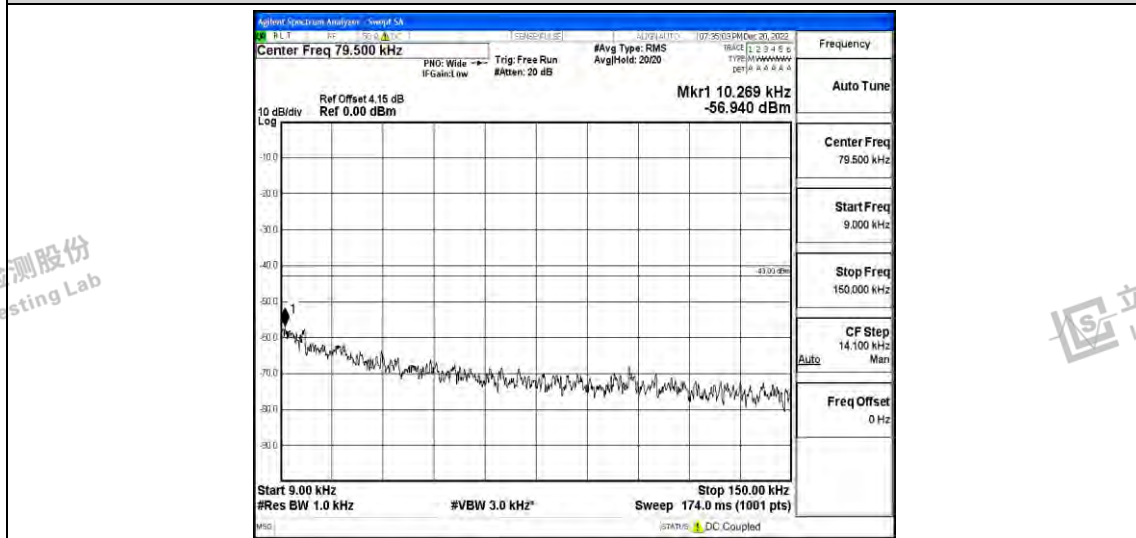


Band71-5MHz-QPSK-133297-1RB#0-Range4:1000~10000MHz

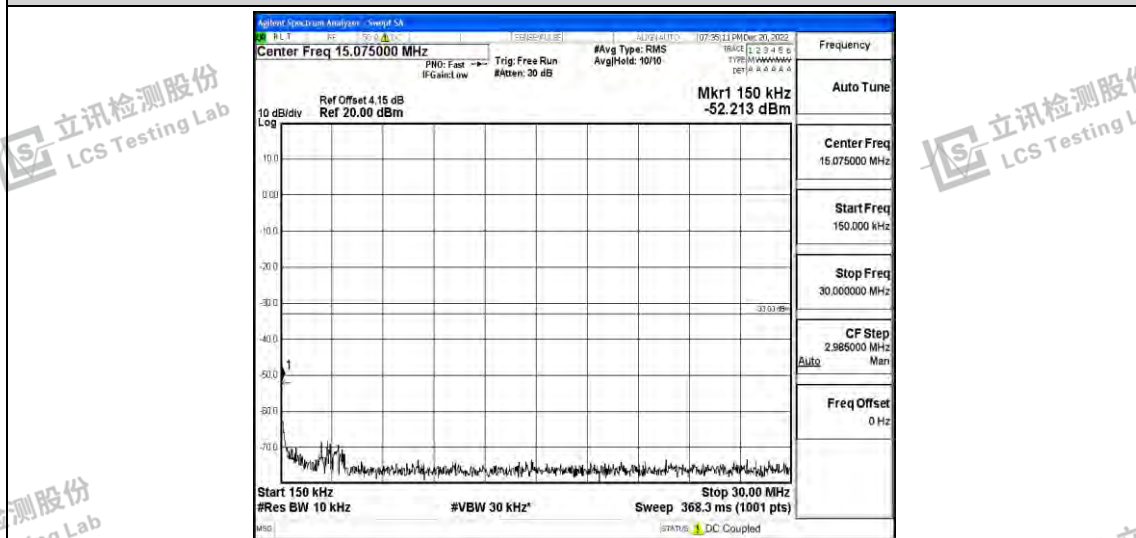




Band71-5MHz-QPSK-133447-1RB#0-Range1:0.009~0.15MHz

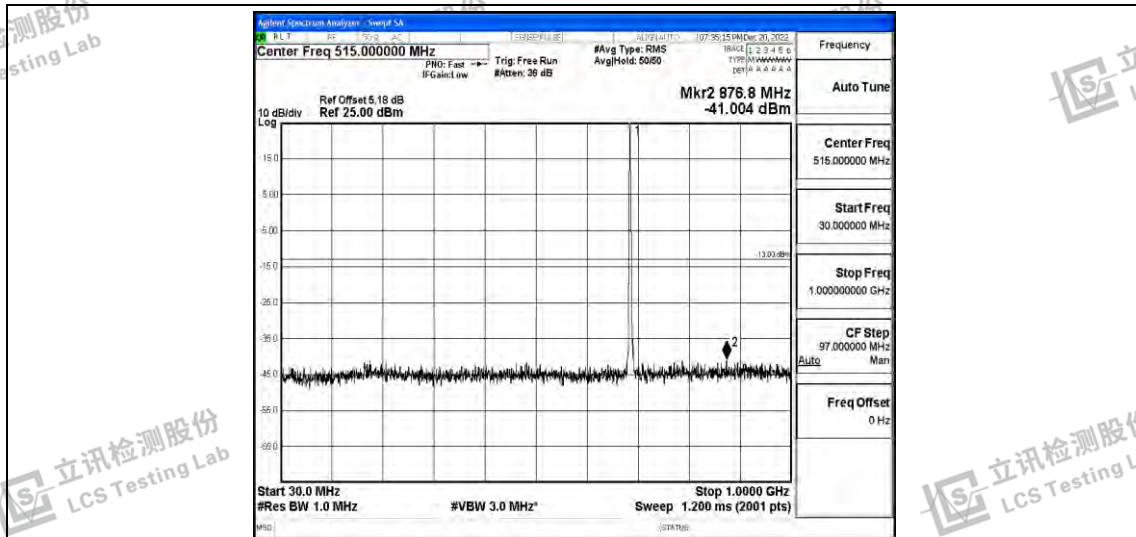


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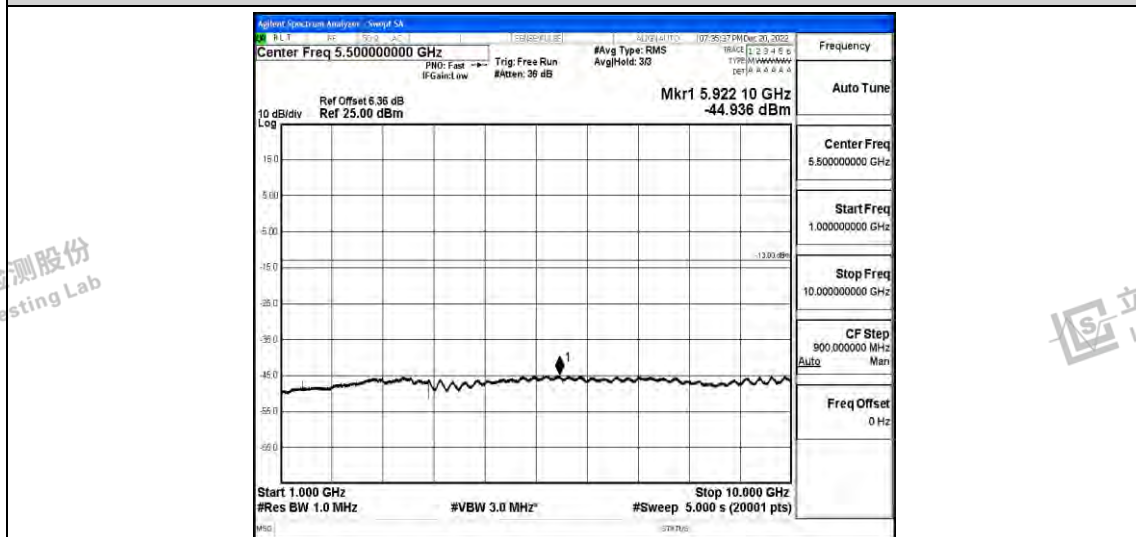


Band71-5MHz-QPSK-133447-1RB#0-Range3:30~1000MHz

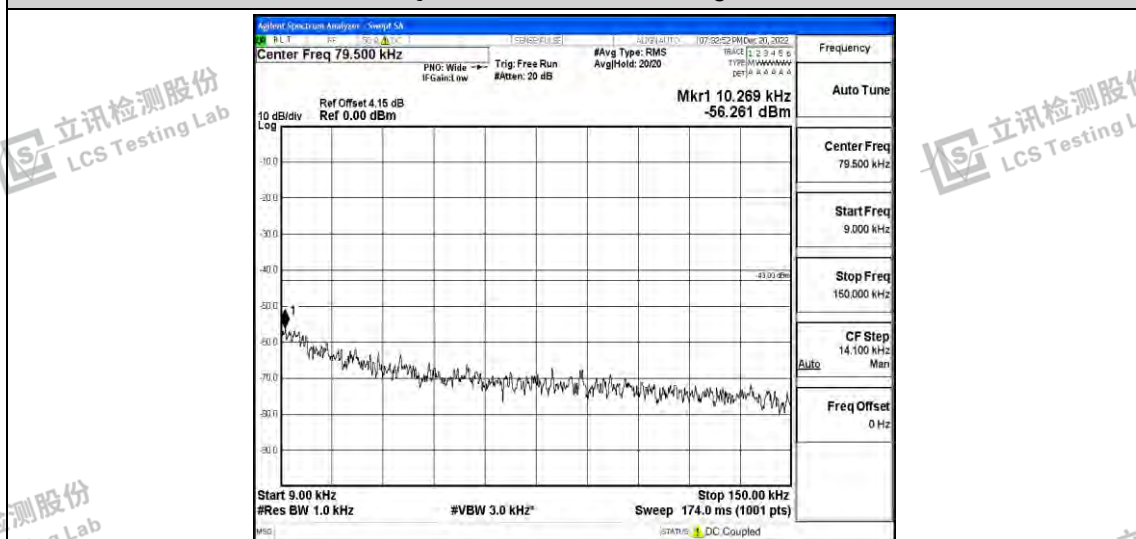




Band71-5MHz-QPSK-133447-1RB#0-Range4:1000~10000MHz

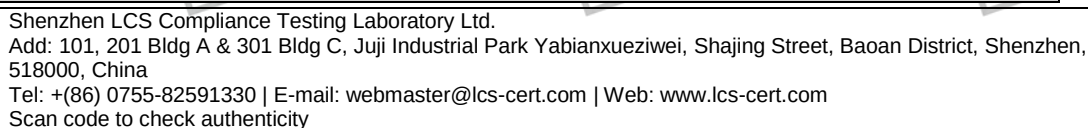
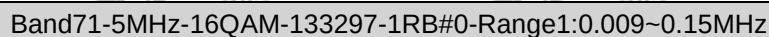
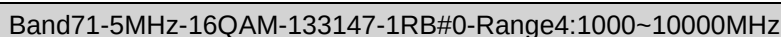
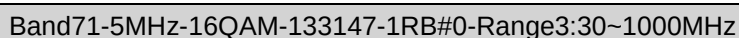


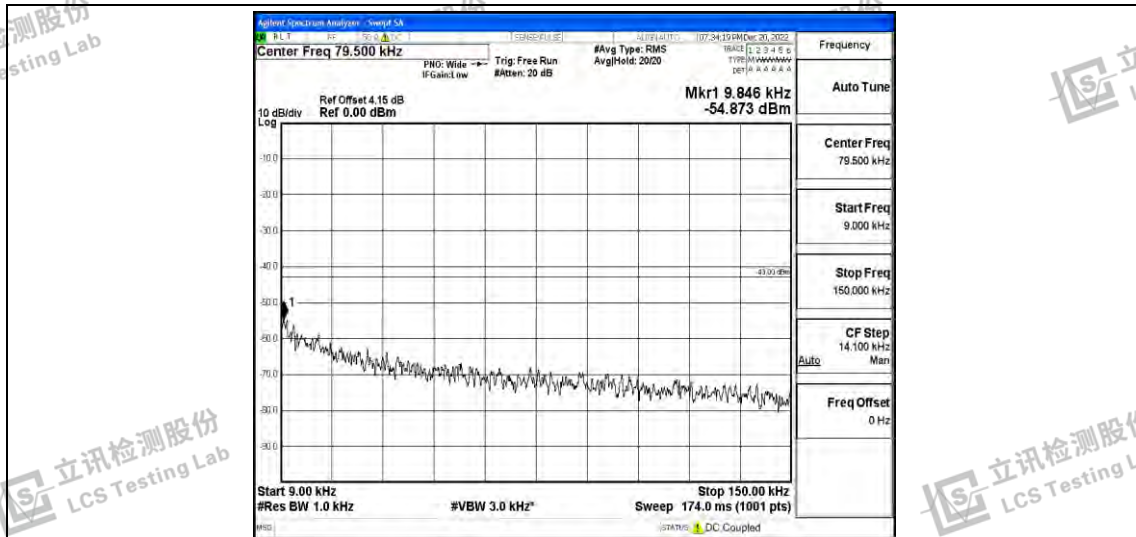
Band71-5MHz-16QAM-133147-1RB#0-Range1:0.009~0.15MHz



Band71-5MHz-16QAM-133147-1RB#0-Range2:0.15~30MHz



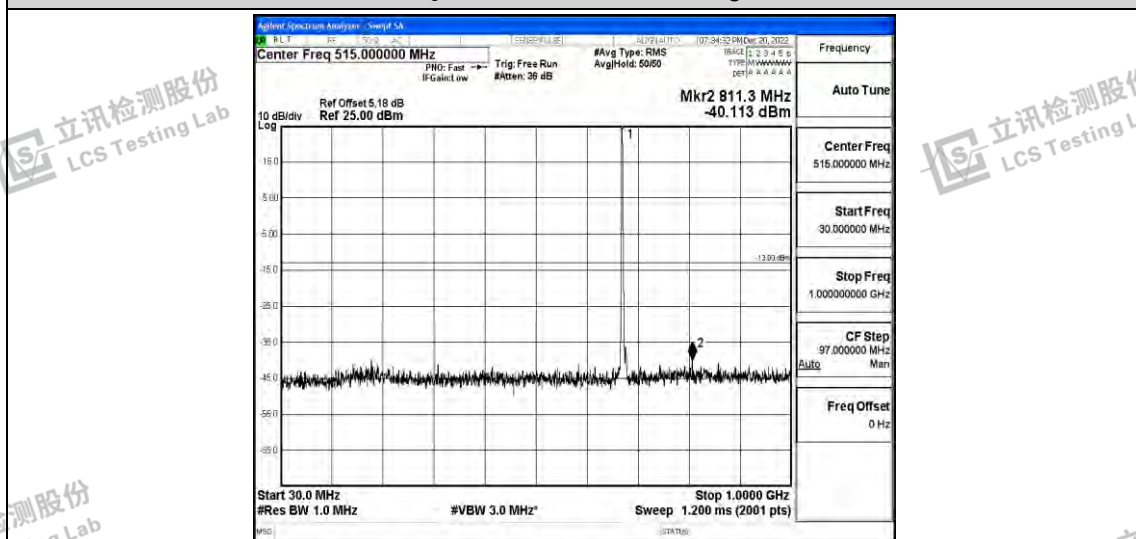




Band71-5MHz-16QAM-133297-1RB#0-Range2:0.15~30MHz

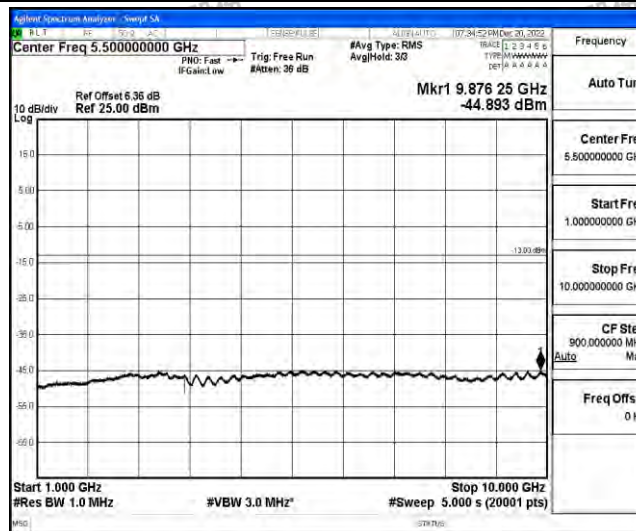


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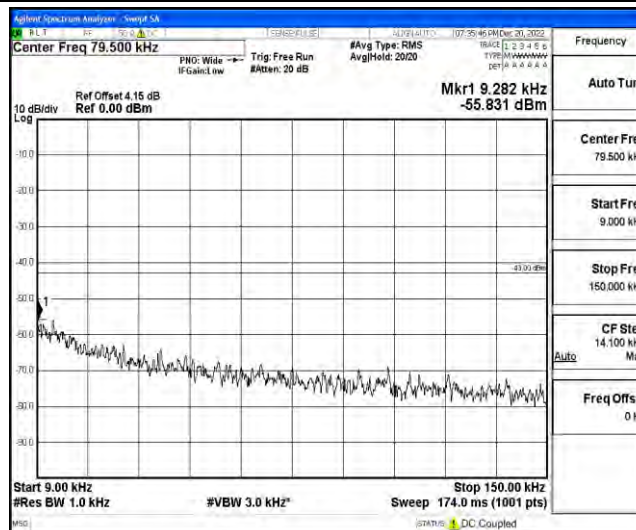


Band71-5MHz-16QAM-133297-1RB#0-Range4:1000~10000MHz

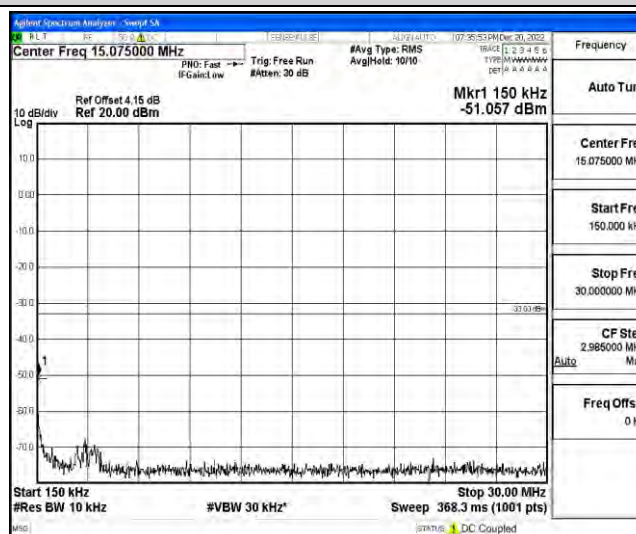




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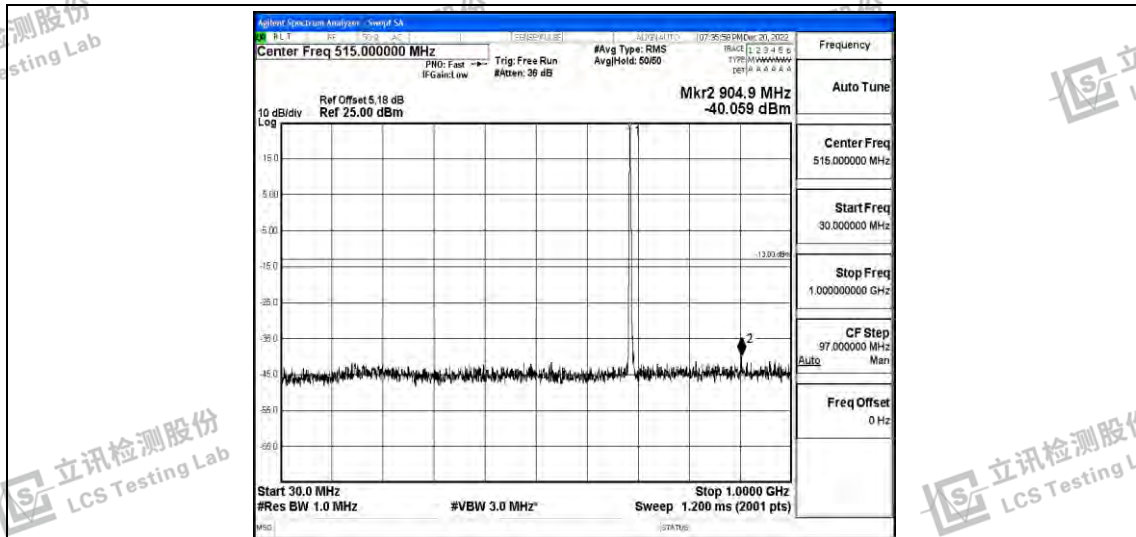


Band71-5MHz-16QAM-133447-1RB#0-Range2:0.15~30MHz

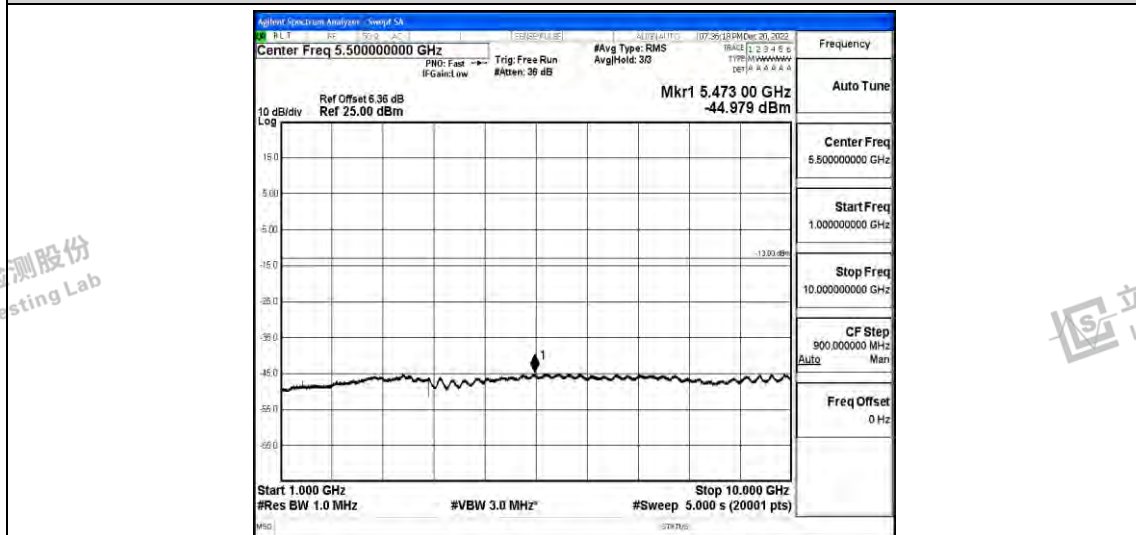


Band71-5MHz-16QAM-133447-1RB#0-Range3:30~1000MHz

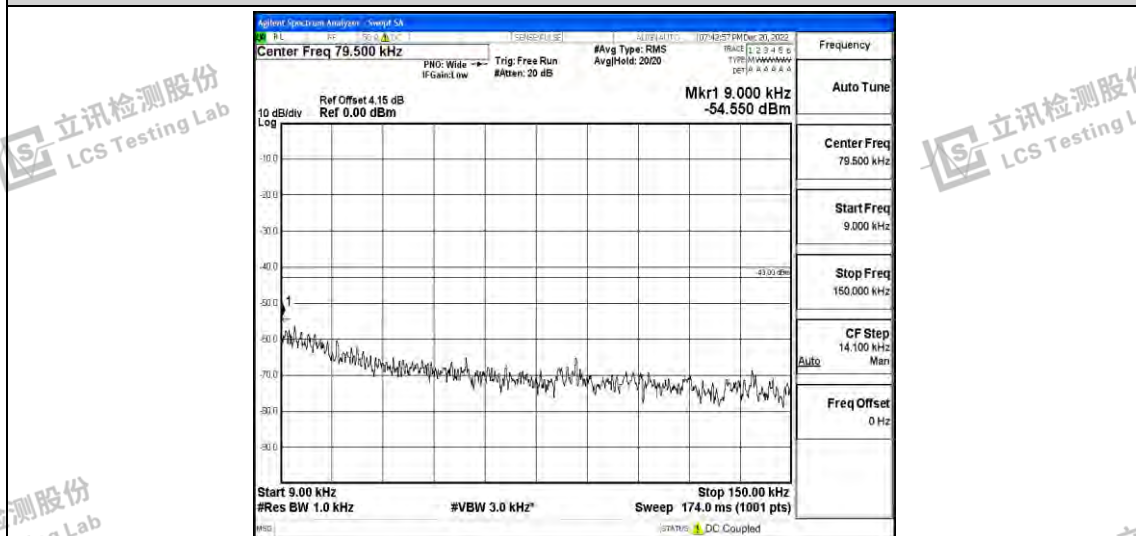




Band71-5MHz-16QAM-133447-1RB#0-Range4:1000~10000MHz



Band71-10MHz-QPSK-133172-1RB#0-Range1:0.009~0.15MHz

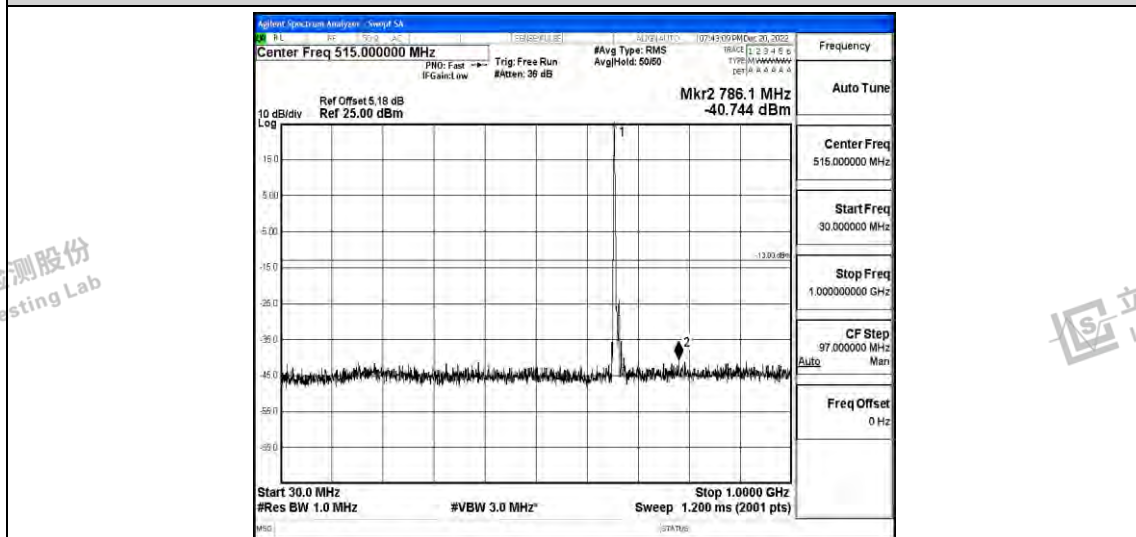


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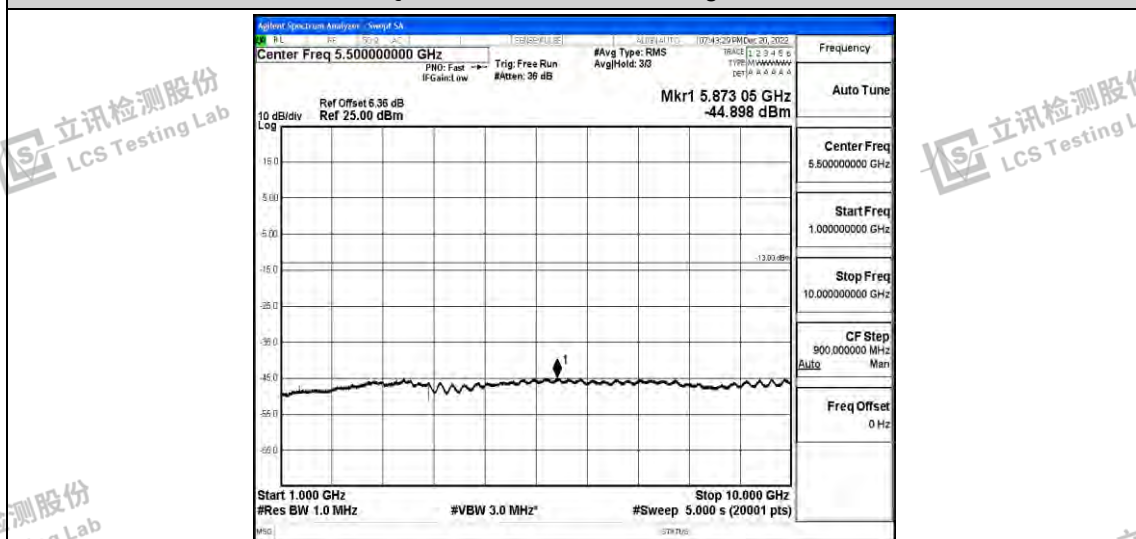




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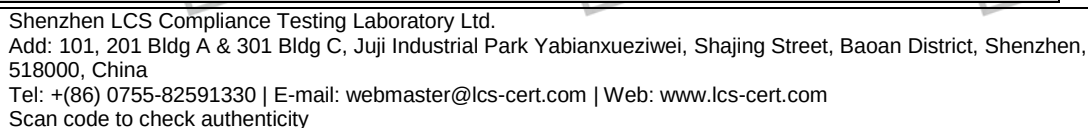
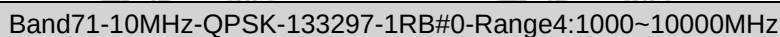
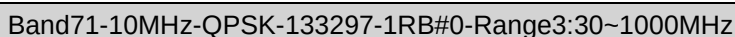
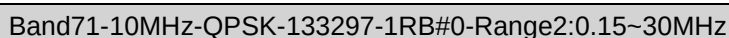


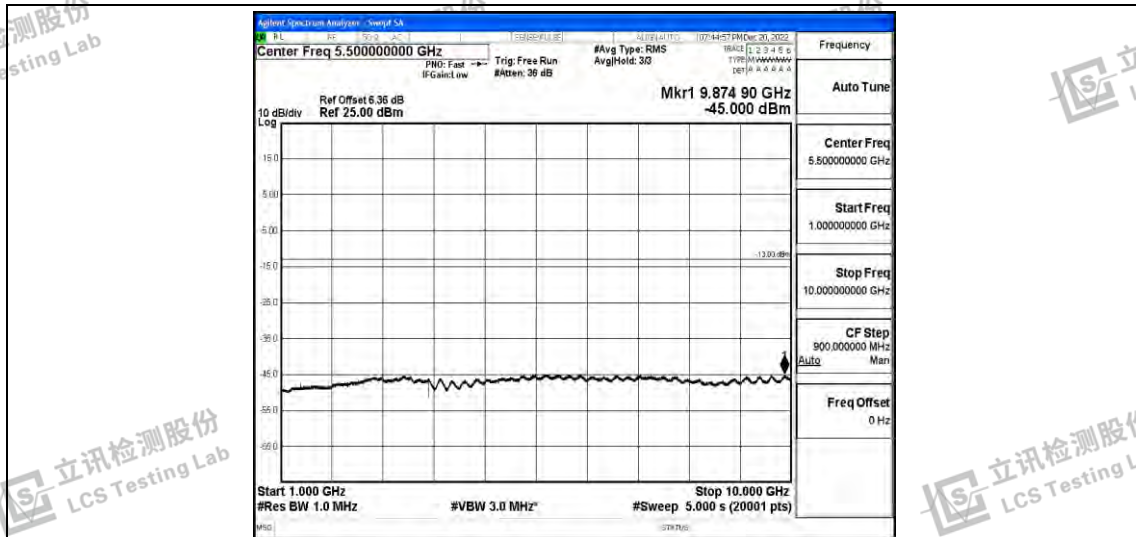
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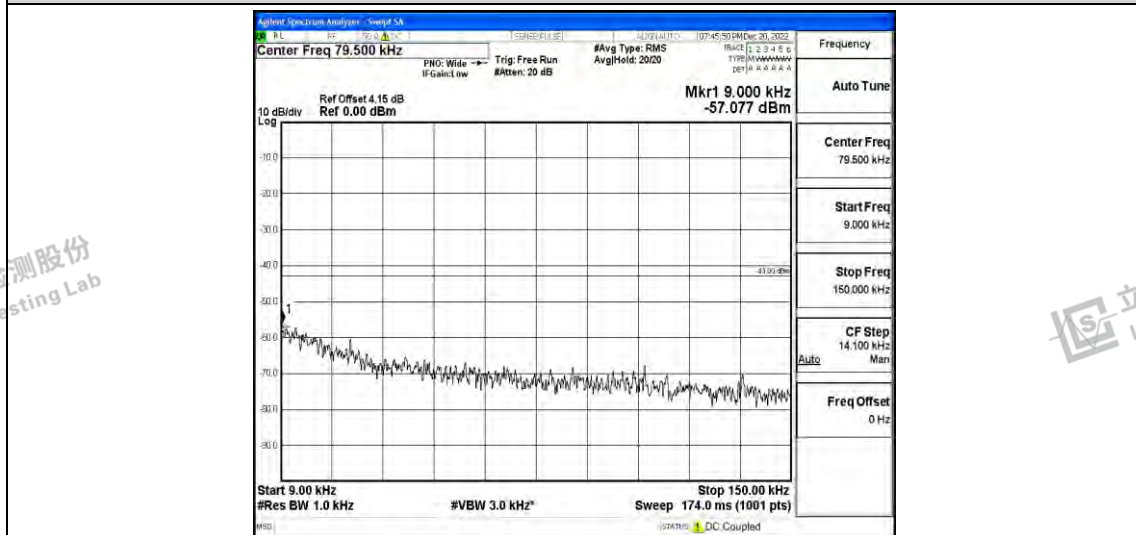
Band71-10MHz-QPSK-133297-1RB#0-Range1:0.009~0.15MHz



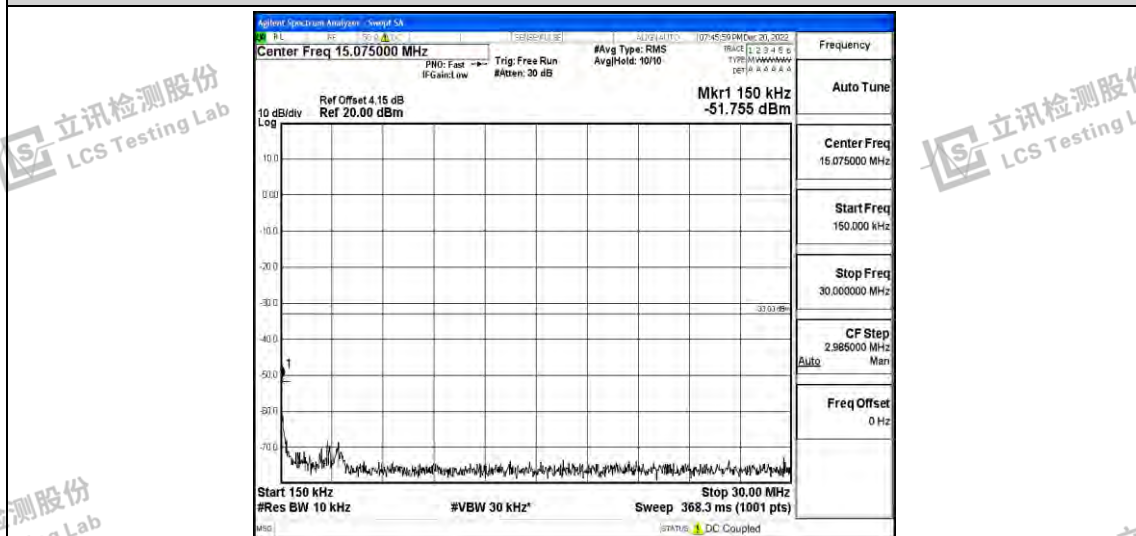




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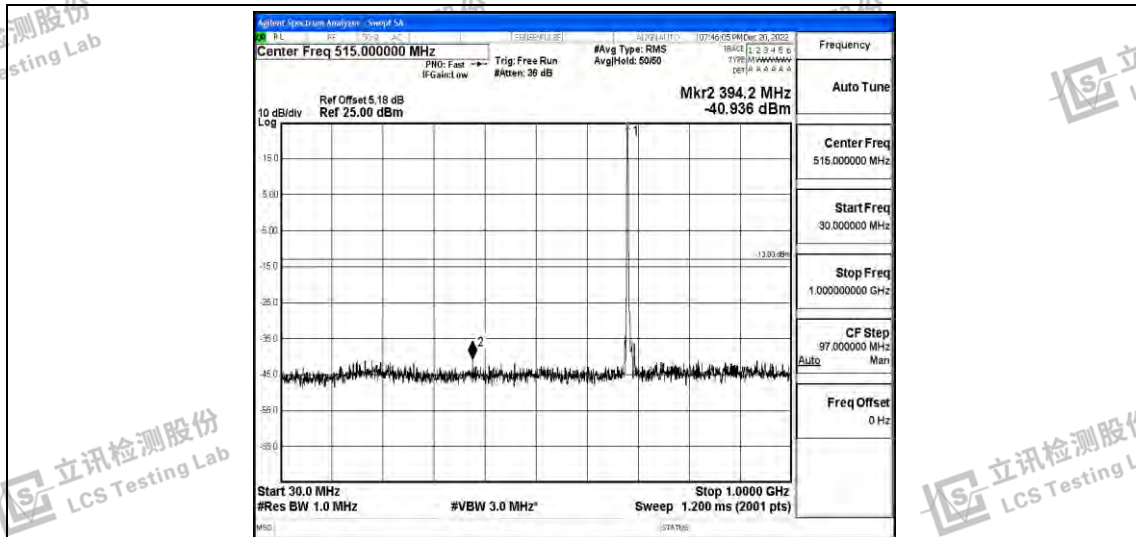


Band71-10MHz-QPSK-133422-1RB#0-Range2:0.15~30MHz

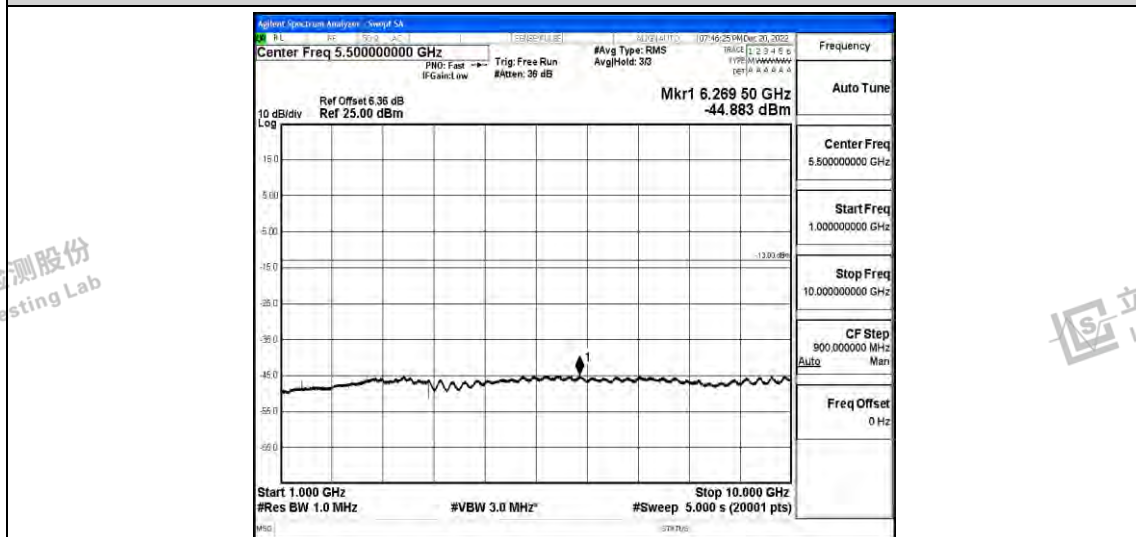


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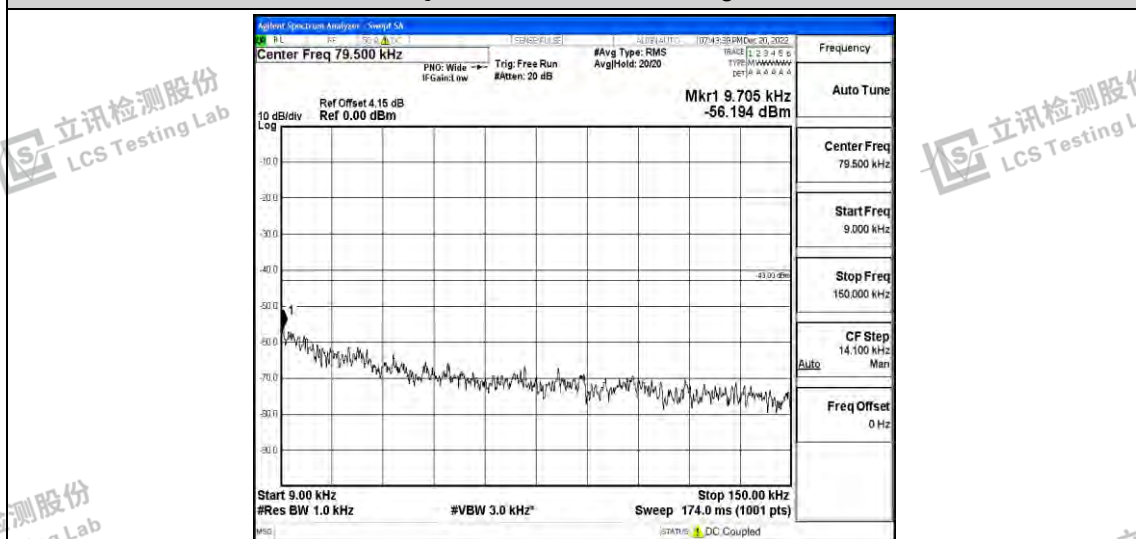




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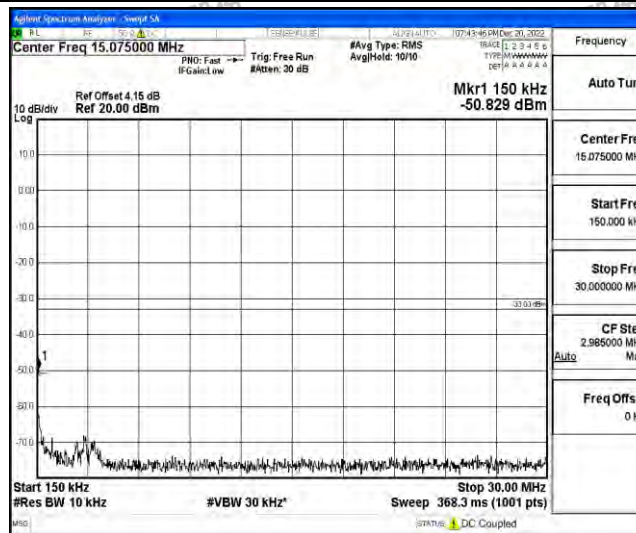


Band71-10MHz-16QAM-133172-1RB#0-Range1:0.009~0.15MHz

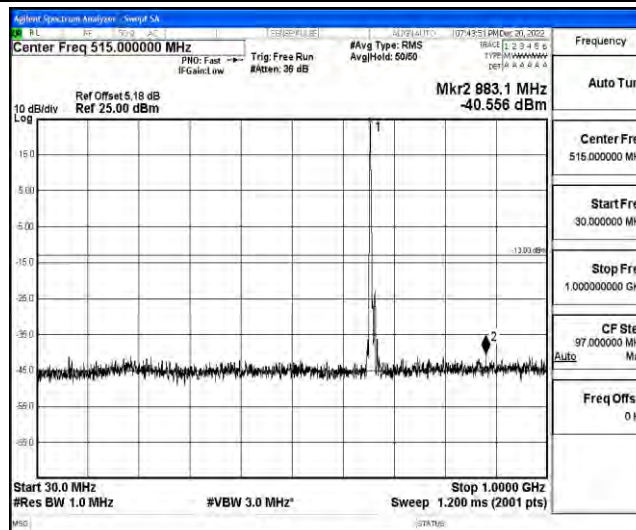


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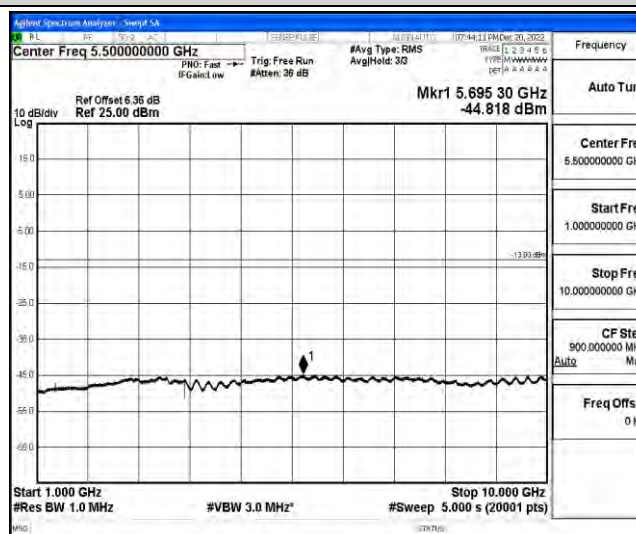




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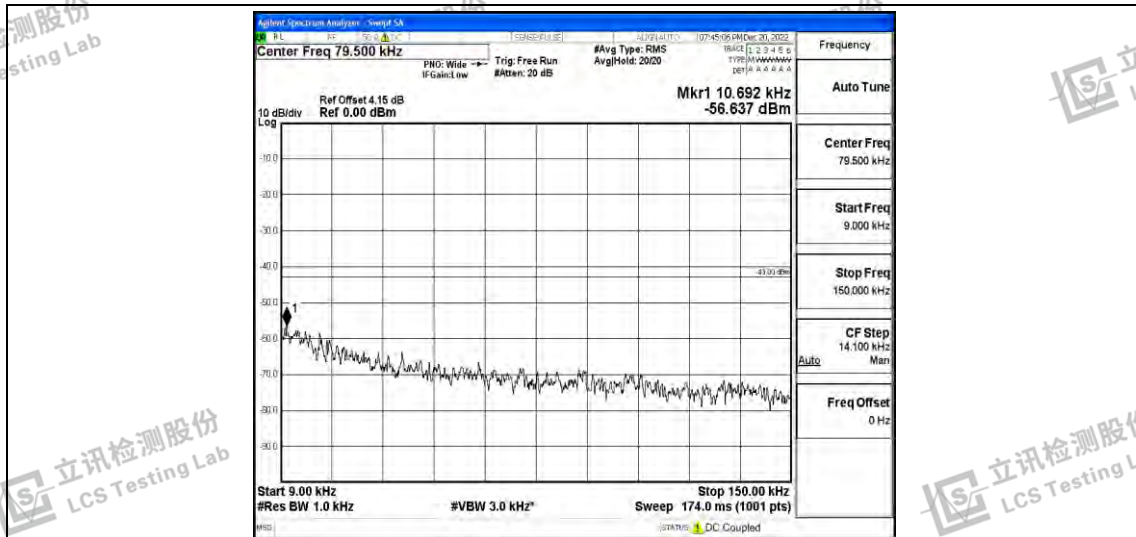


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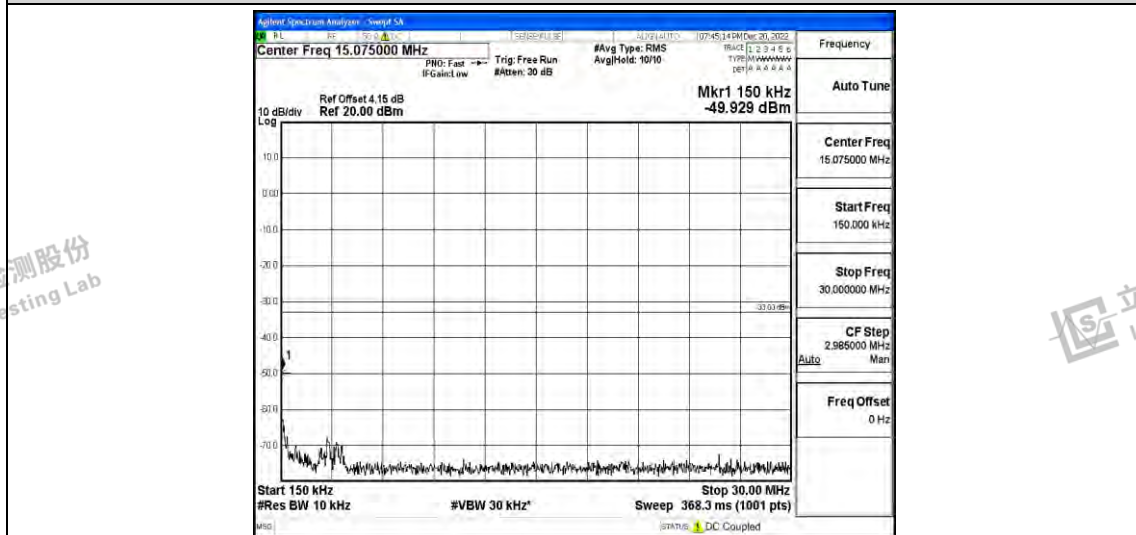


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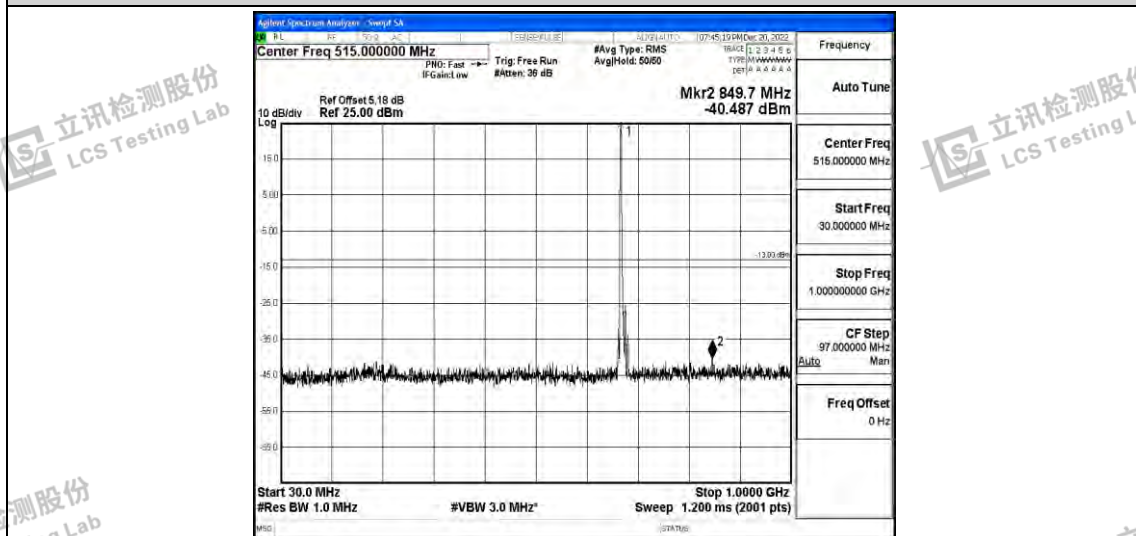




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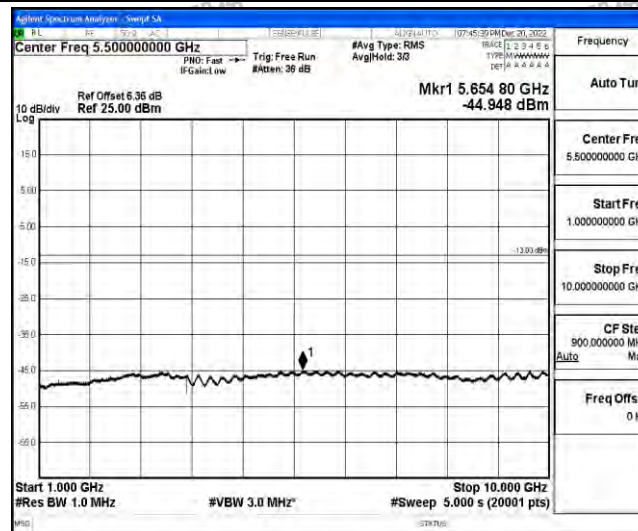


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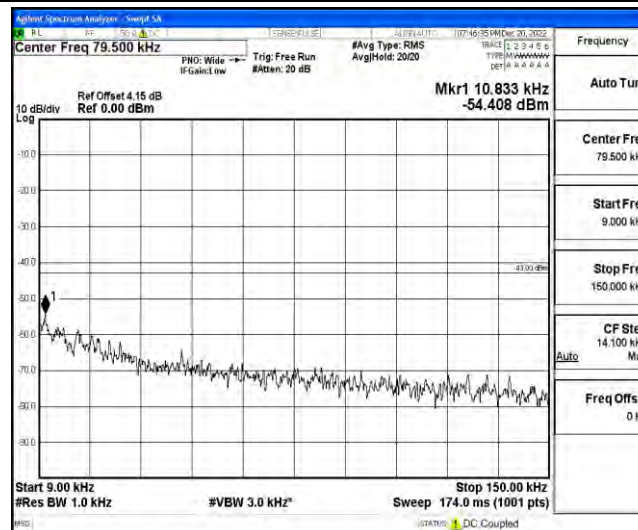


Band71-10MHz-16QAM-133297-1RB#0-Range4:1000~10000MHz

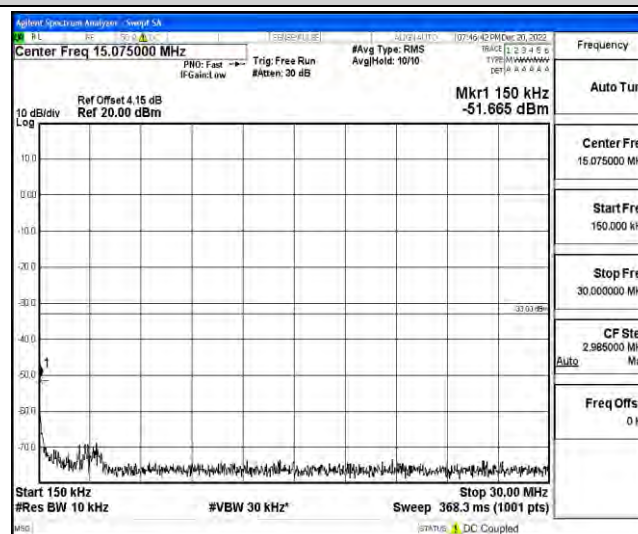




Band71-10MHz-16QAM-133422-1RB#0-Range1:0.009~0.15MHz

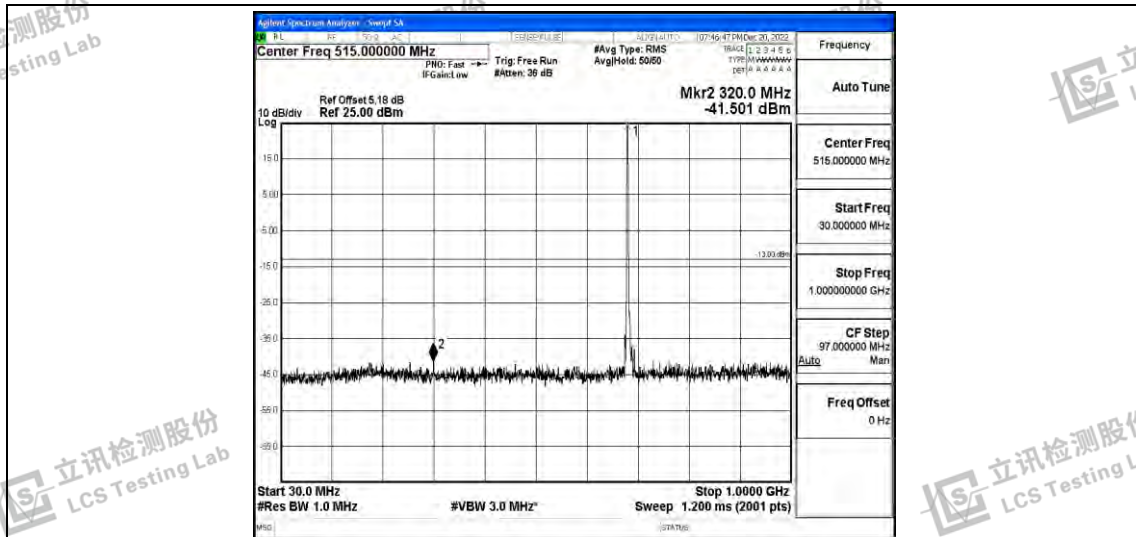


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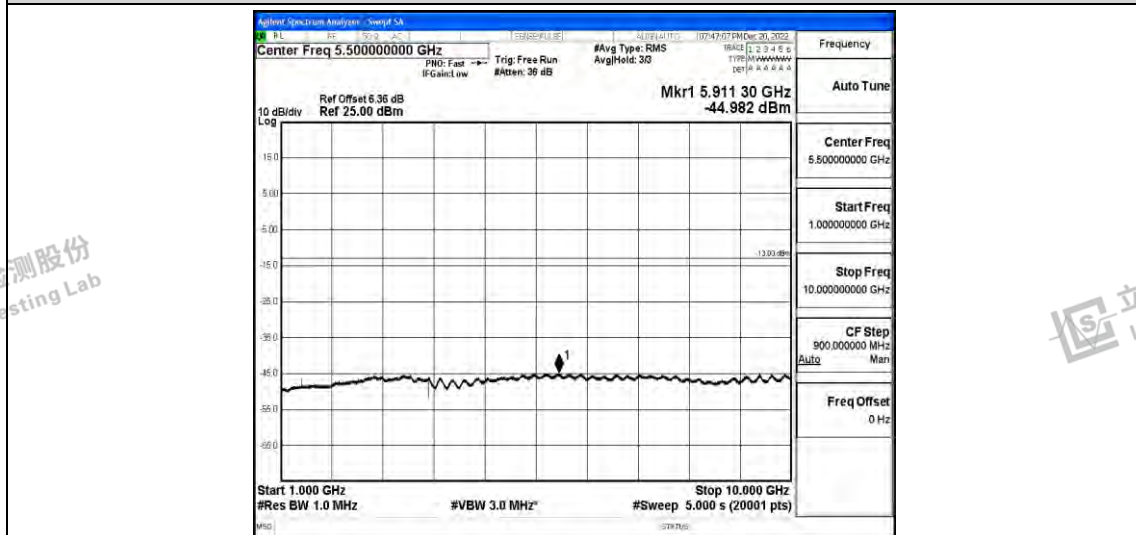


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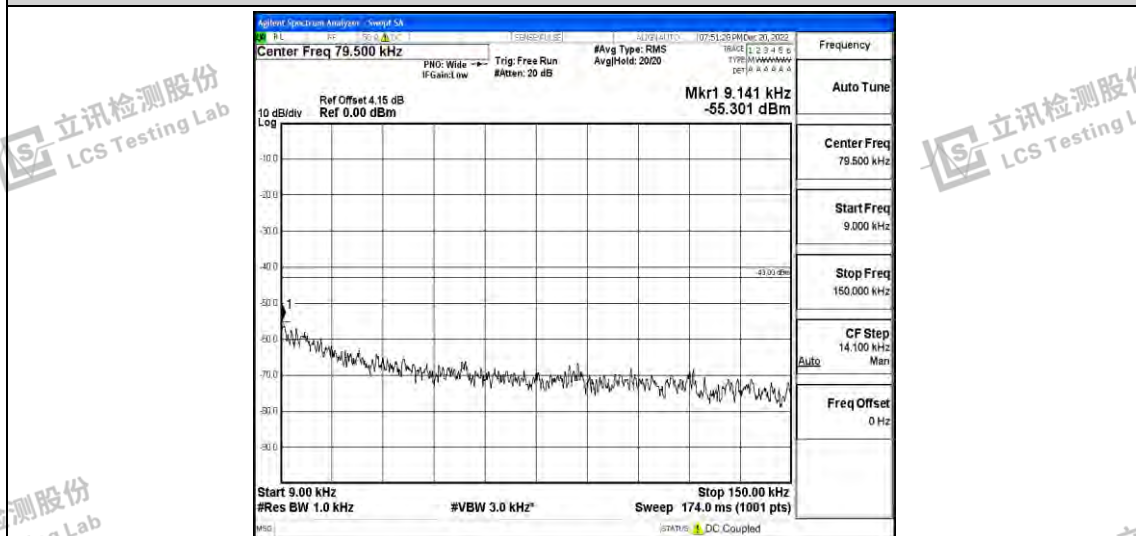




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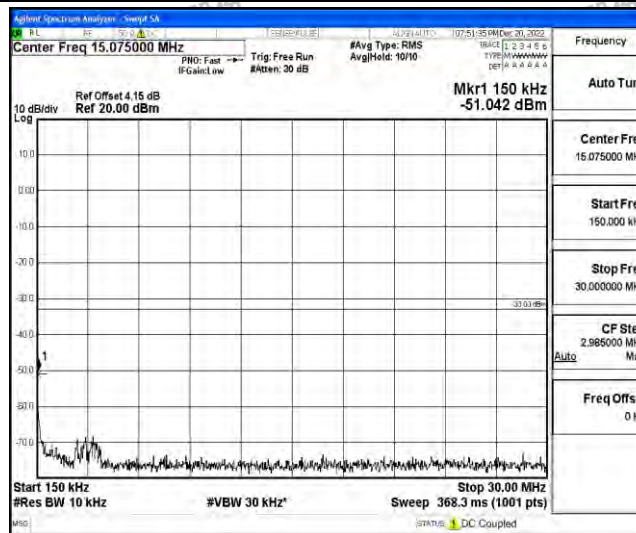


Band71-15MHz-QPSK-133197-1RB#0-Range1:0.009~0.15MHz

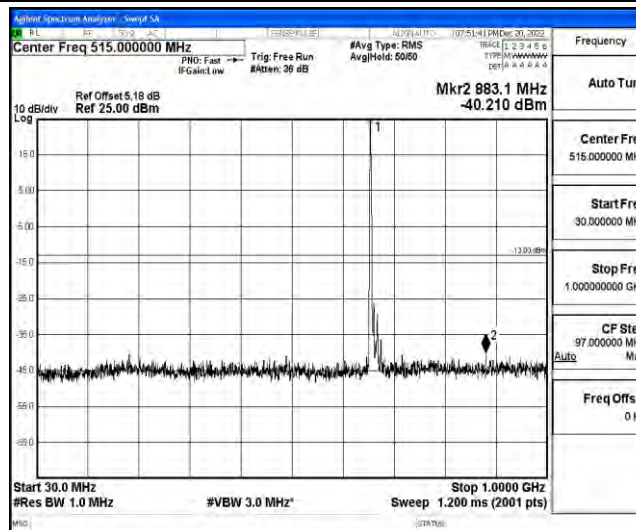


Band71-15MHz-QPSK-133197-1RB#0-Range2:0.15~30MHz

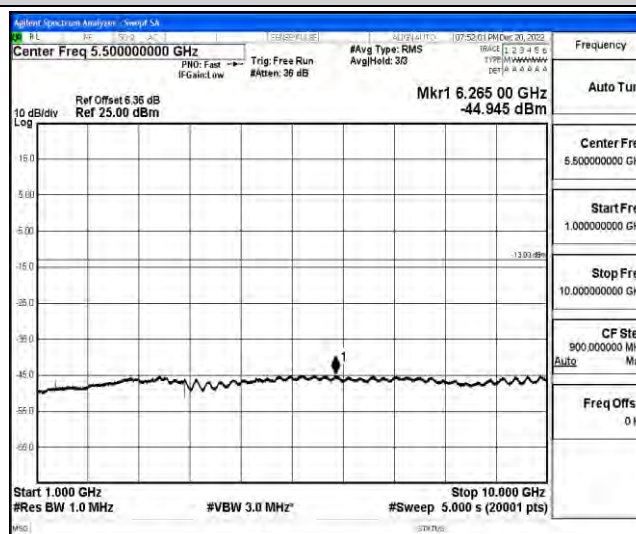




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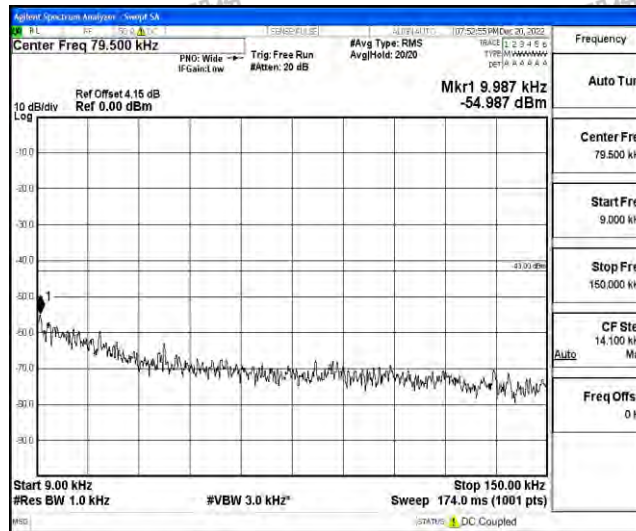


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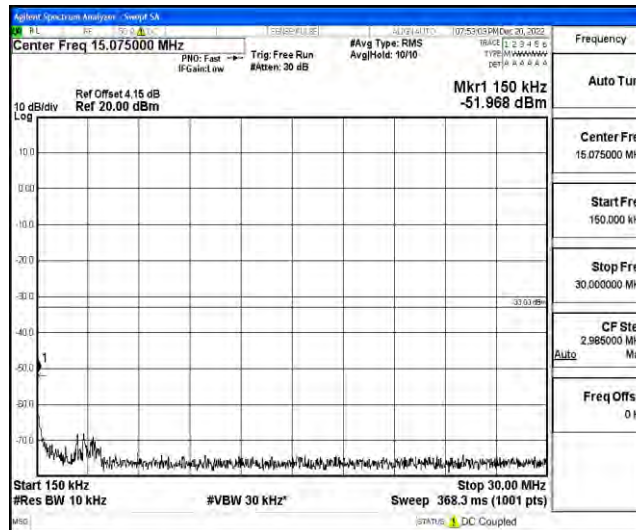


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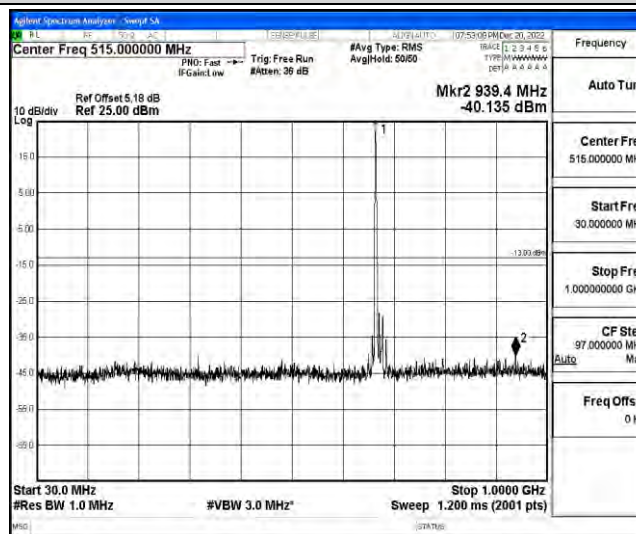




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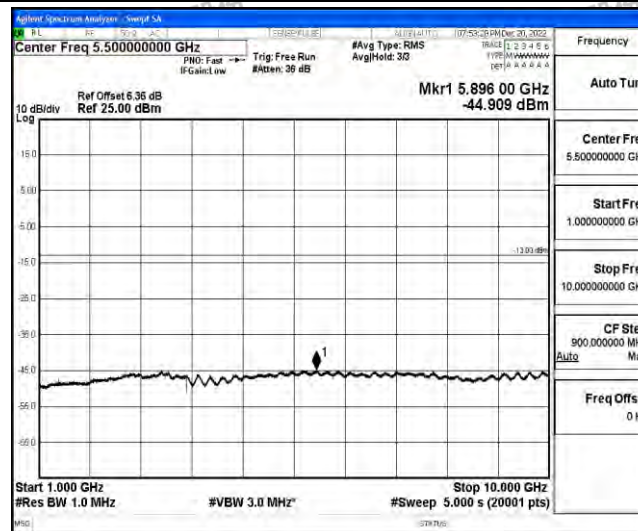


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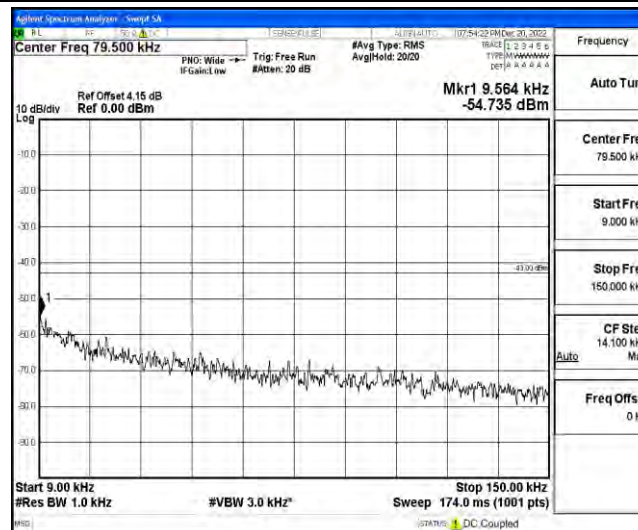


Band71-15MHz-QPSK-133297-1RB#0-Range4:1000~10000MHz

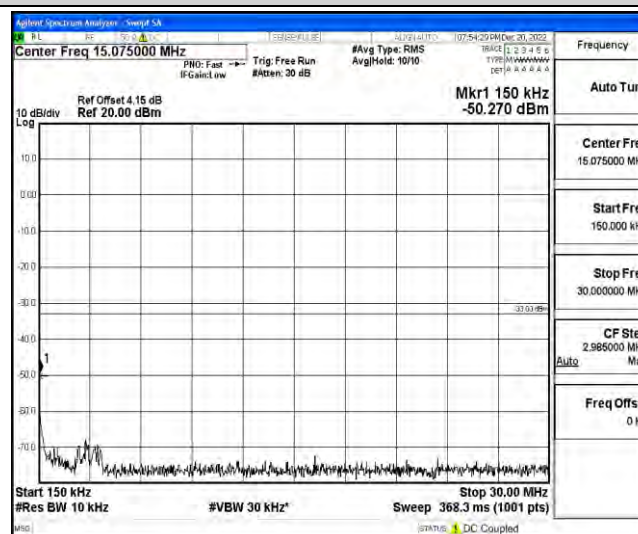




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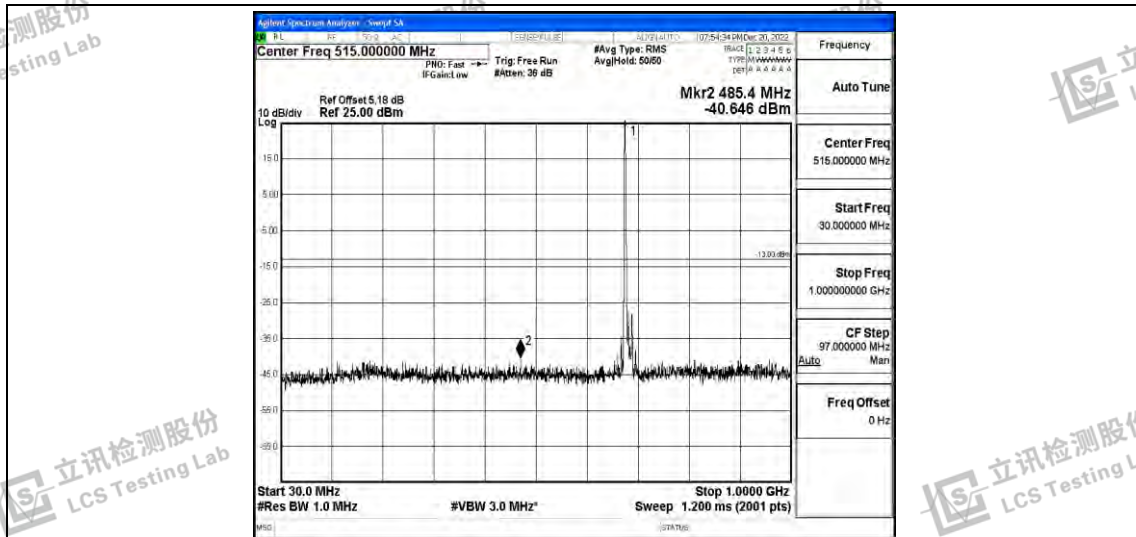


Band71-15MHz-QPSK-133397-1RB#0-Range2:0.15~30MHz

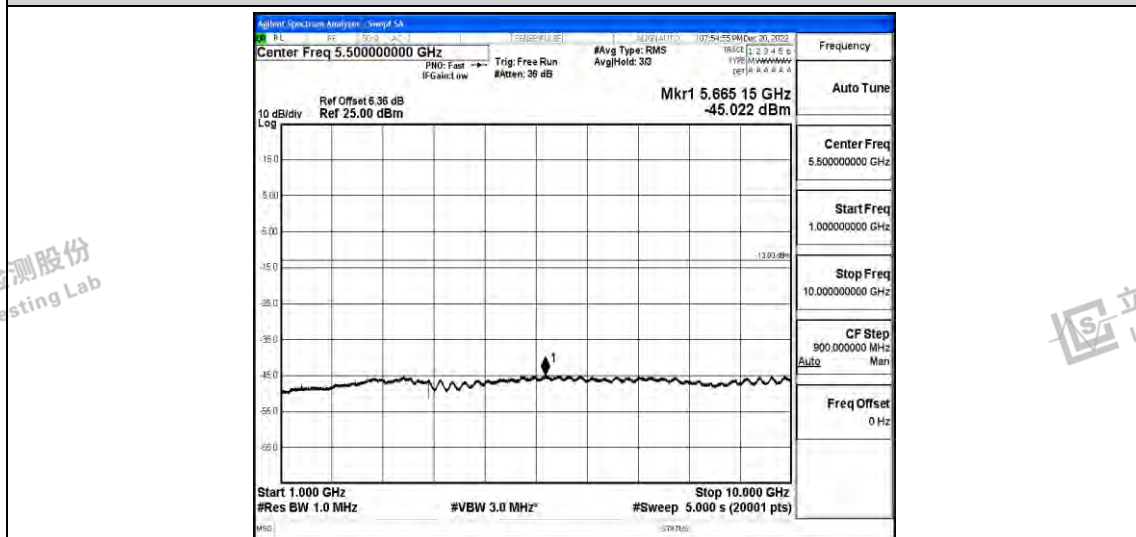


Band71-15MHz-QPSK-133397-1RB#0-Range3:30~1000MHz

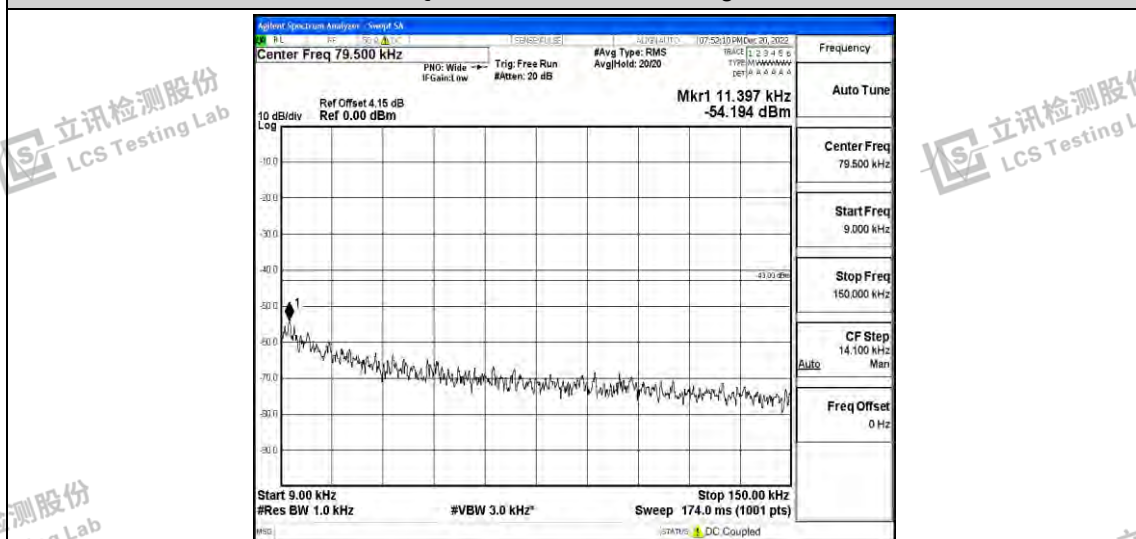




Band71-15MHz-QPSK-133397-1RB#0-Range4:1000~10000MHz

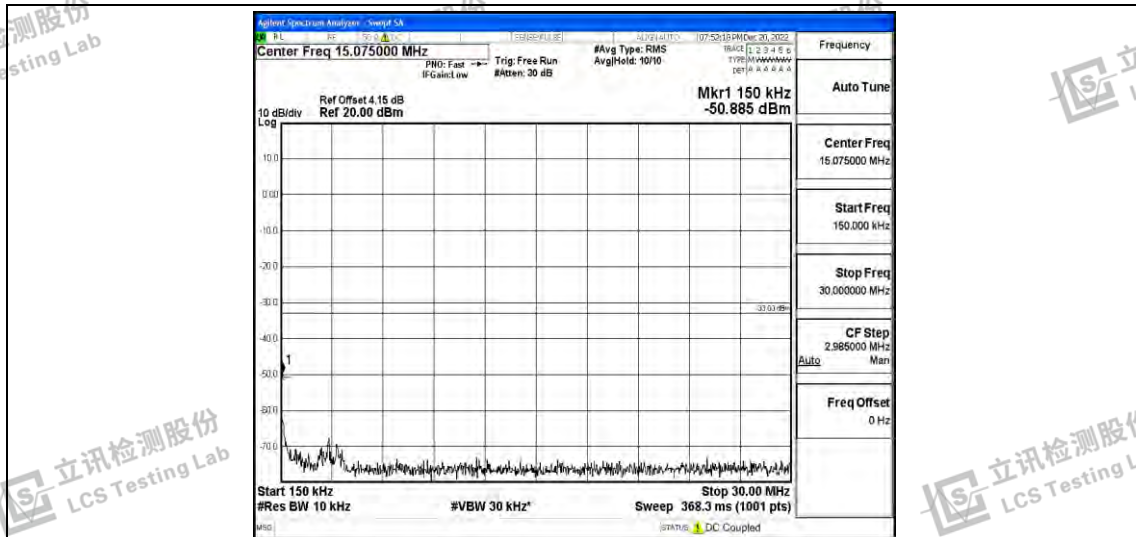


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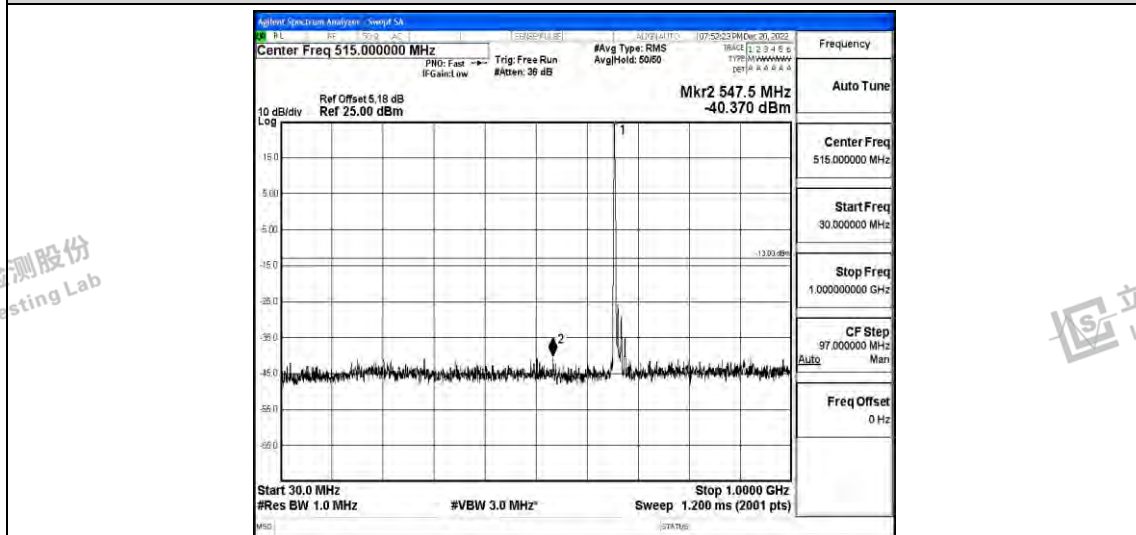


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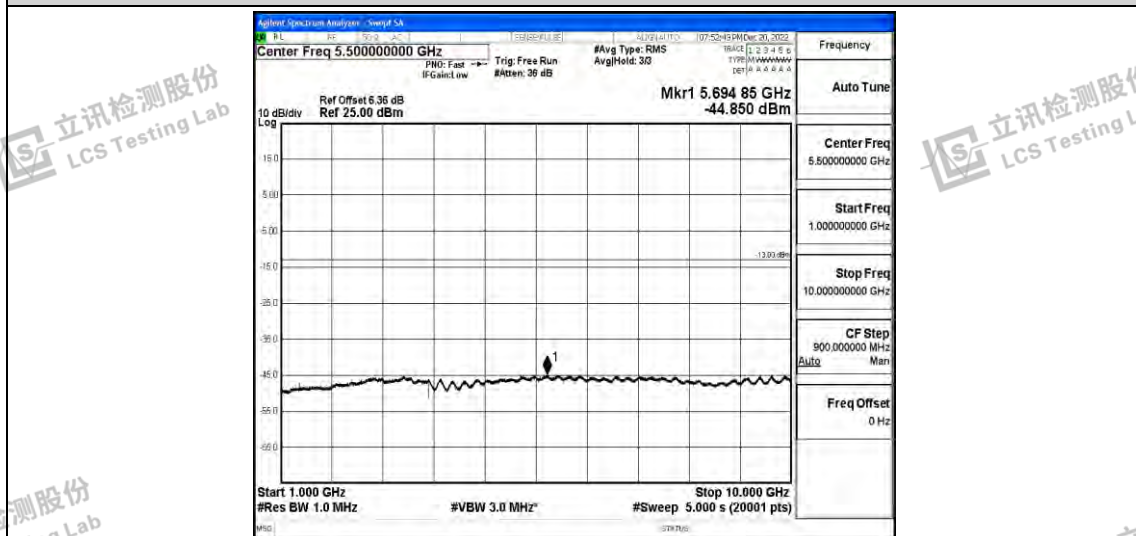




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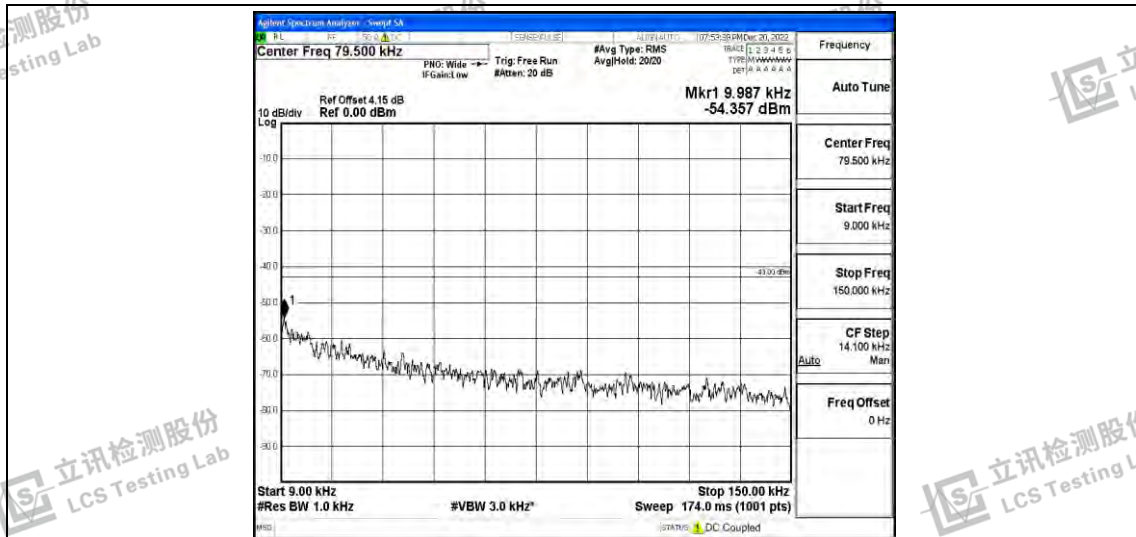


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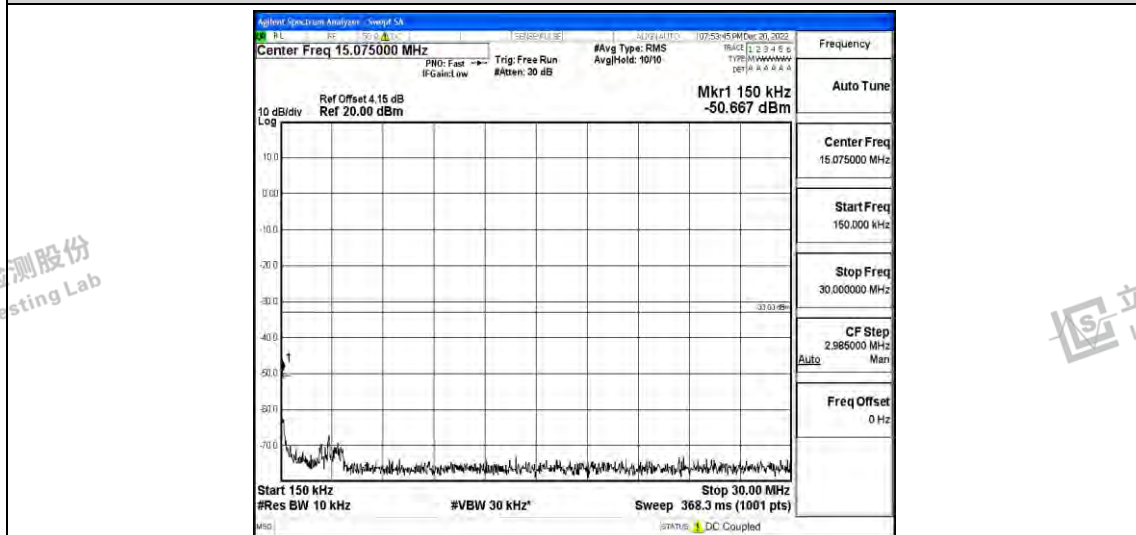


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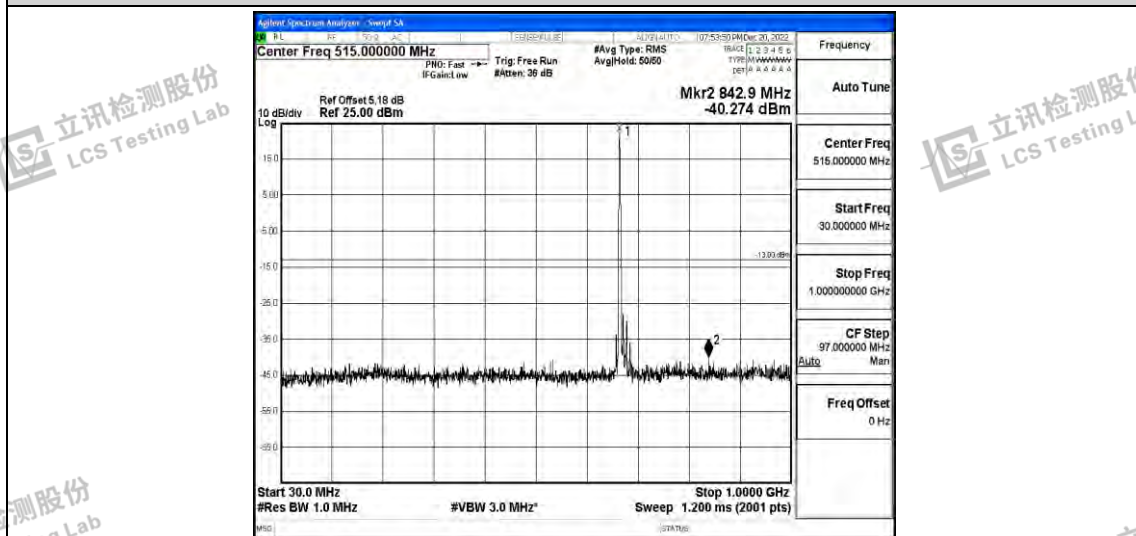




Band71-15MHz-16QAM-133297-1RB#0-Range2:0.15~30MHz

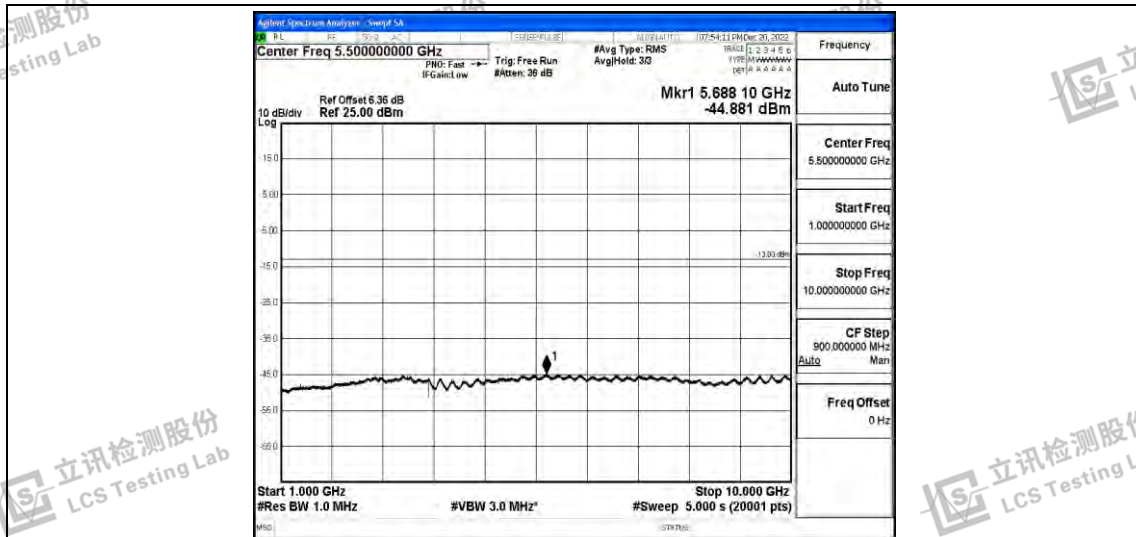


Band71-15MHz-16QAM-133297-1RB#0-Range3:30~1000MHz

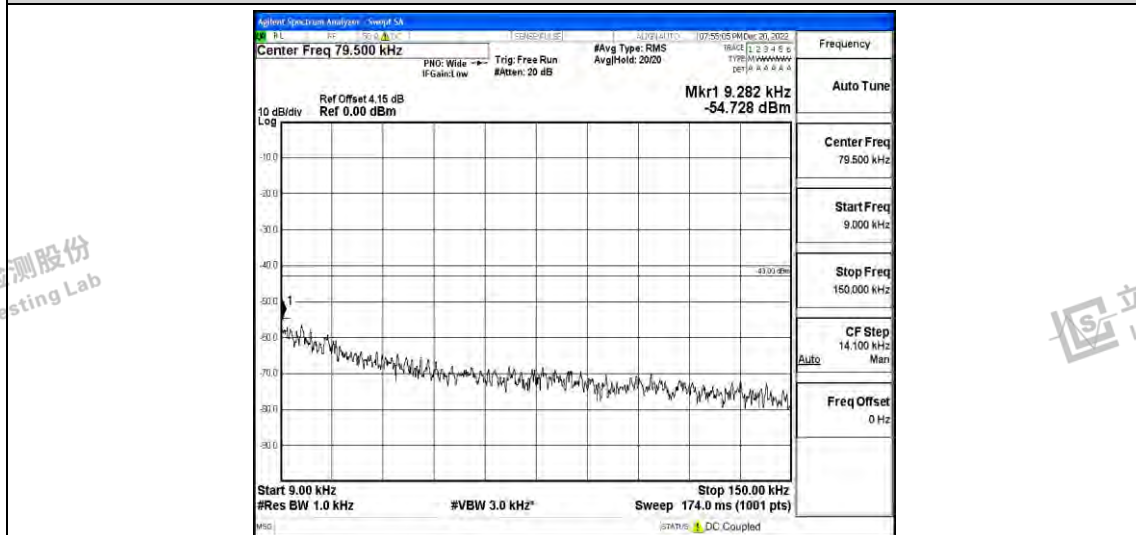


Band71-15MHz-16QAM-133297-1RB#0-Range4:1000~10000MHz

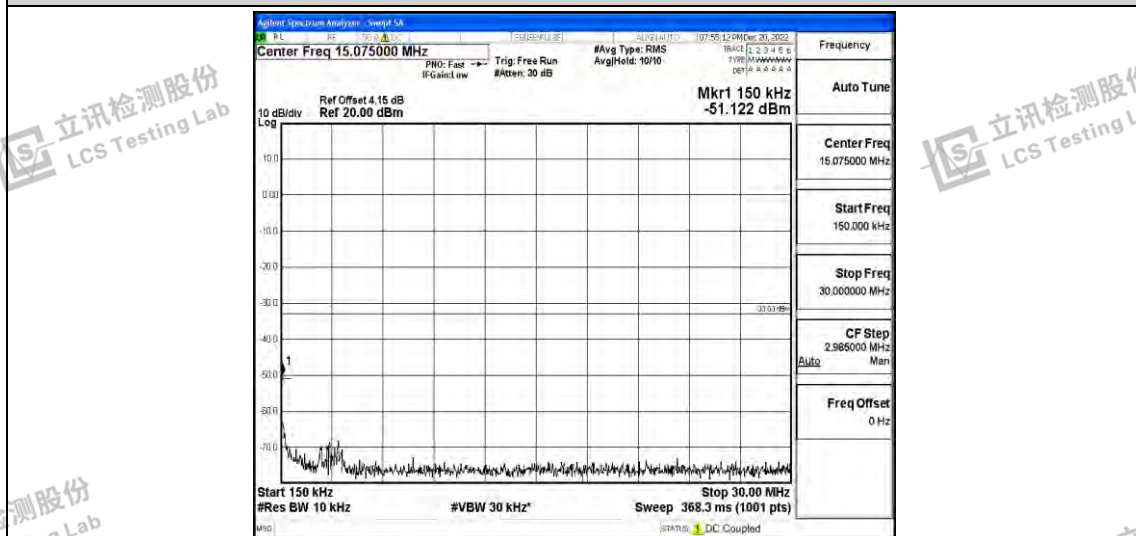




Band71-15MHz-16QAM-133397-1RB#0-Range1:0.009~0.15MHz

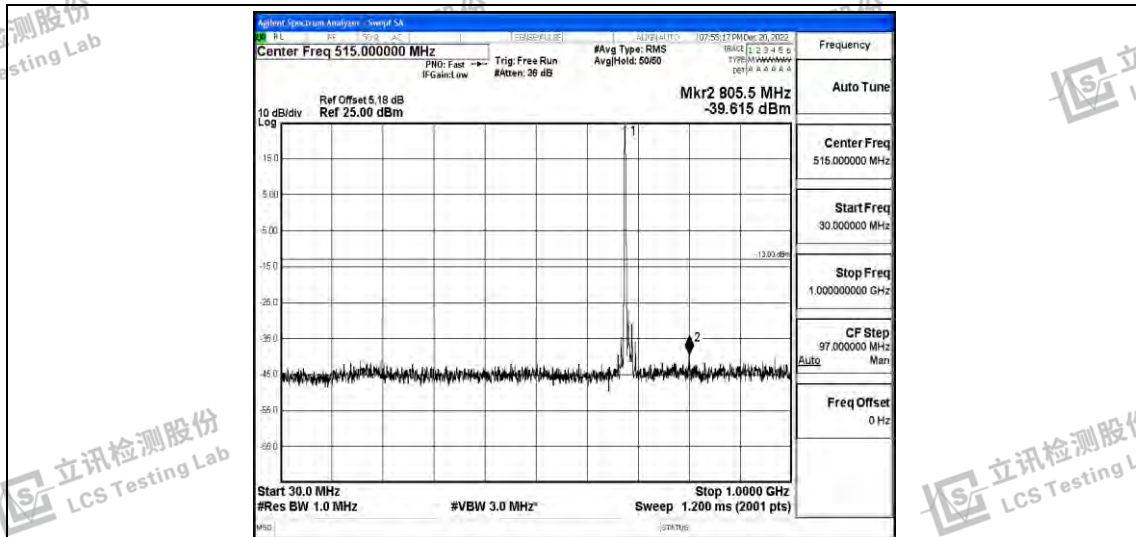


Band71-15MHz-16QAM-133397-1RB#0-Range2:0.15~30MHz

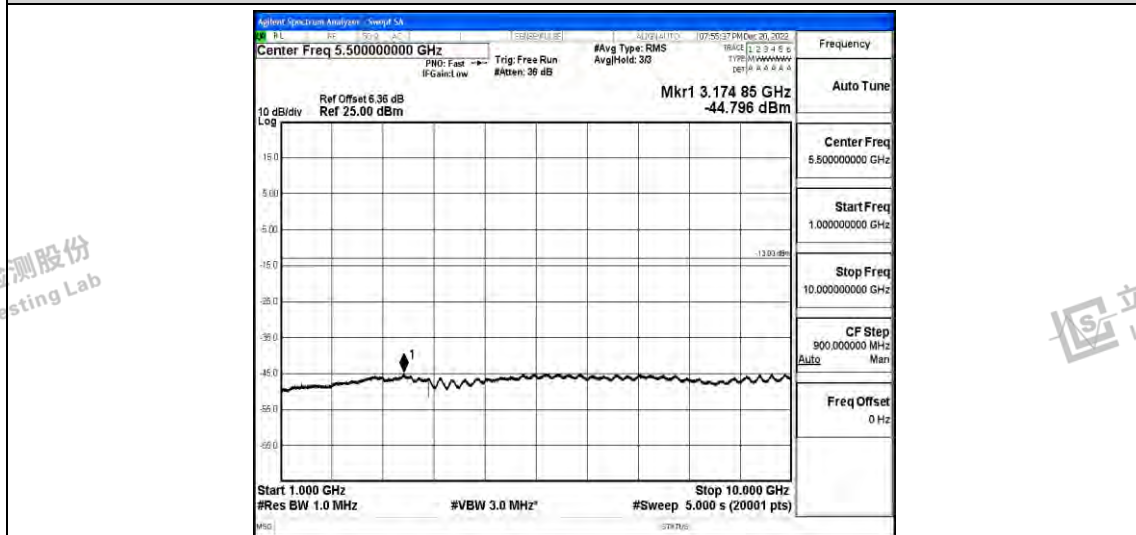


Band71-15MHz-16QAM-133397-1RB#0-Range3:30~1000MHz

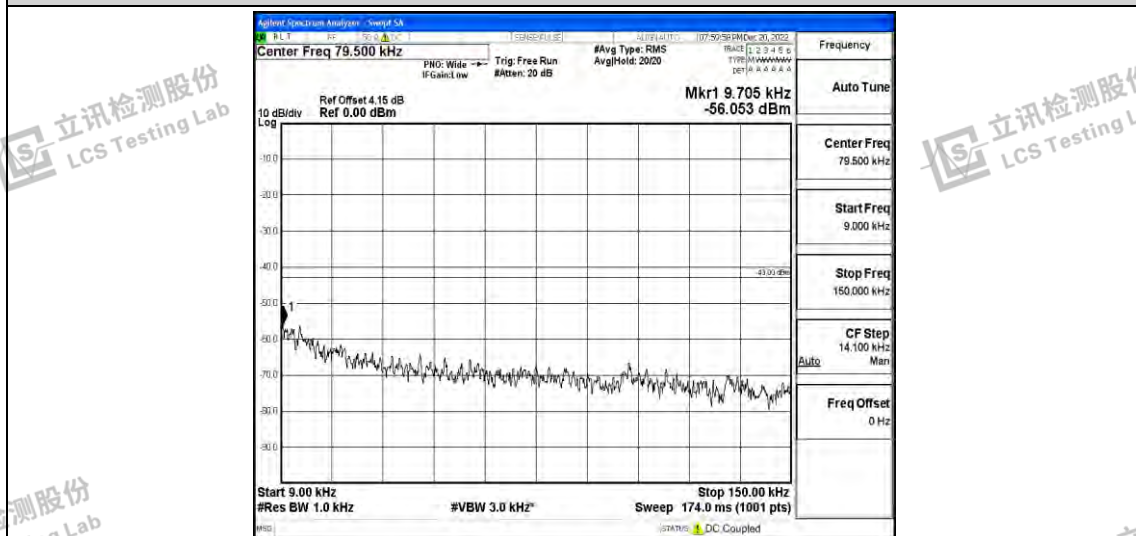




Band71-15MHz-16QAM-133397-1RB#0-Range4:1000~10000MHz

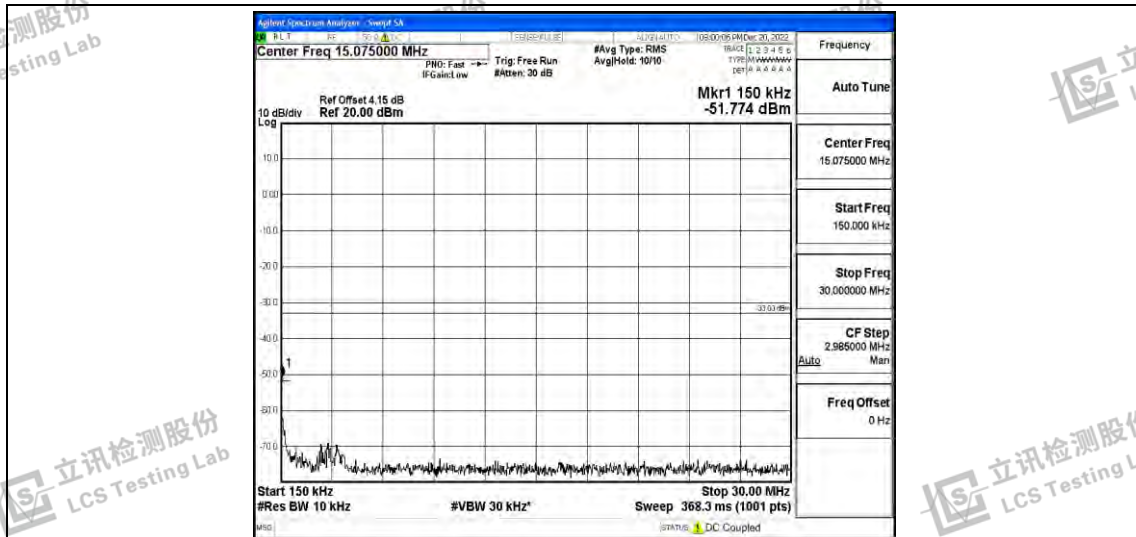


Band71-20MHz-QPSK-133222-1RB#0-Range1:0.009~0.15MHz

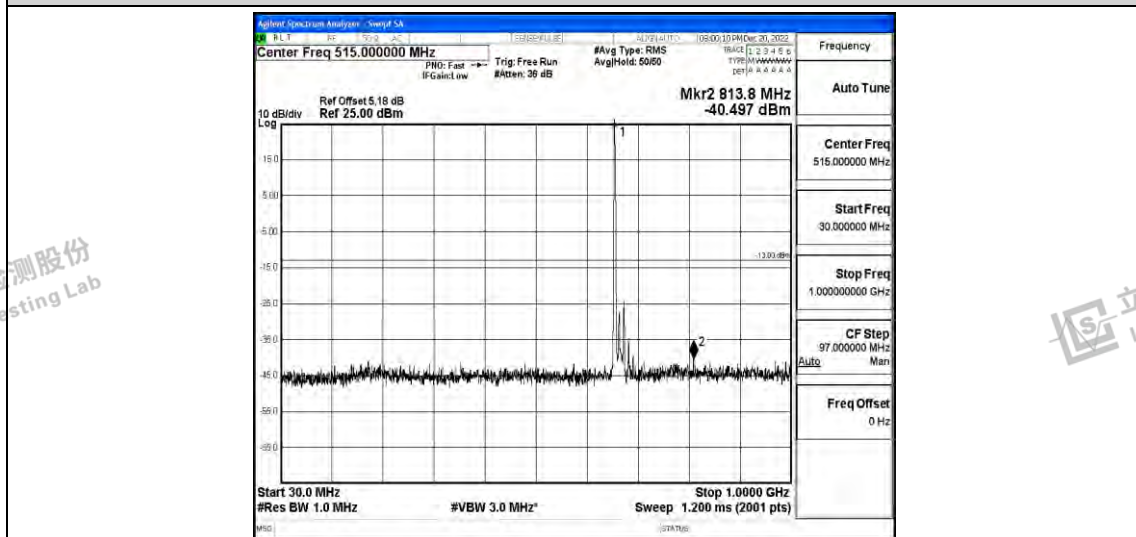


Band71-20MHz-QPSK-133222-1RB#0-Range2:0.15~30MHz

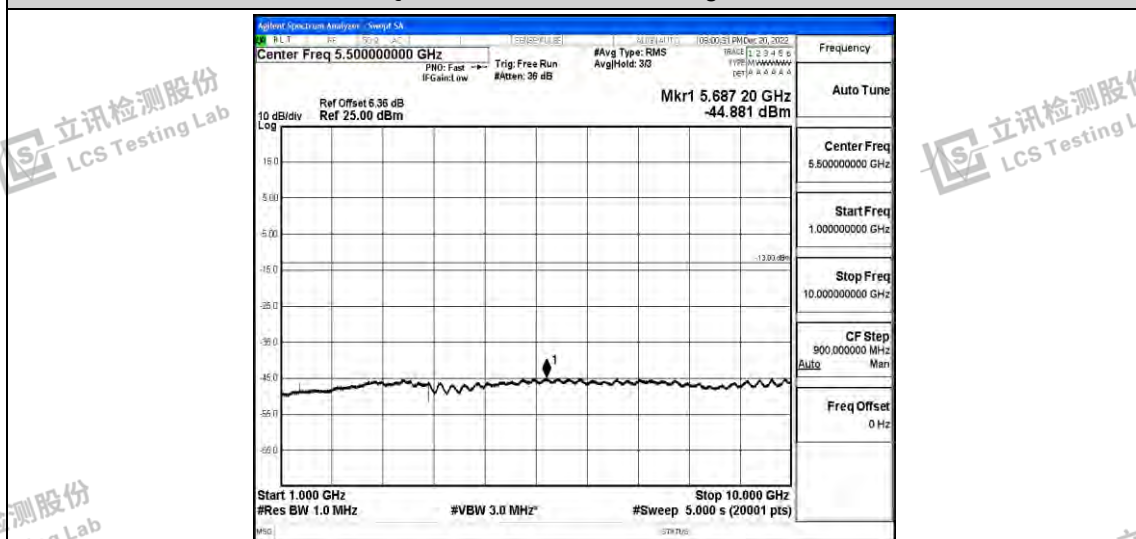




Band71-20MHz-QPSK-133222-1RB#0-Range3:30~1000MHz

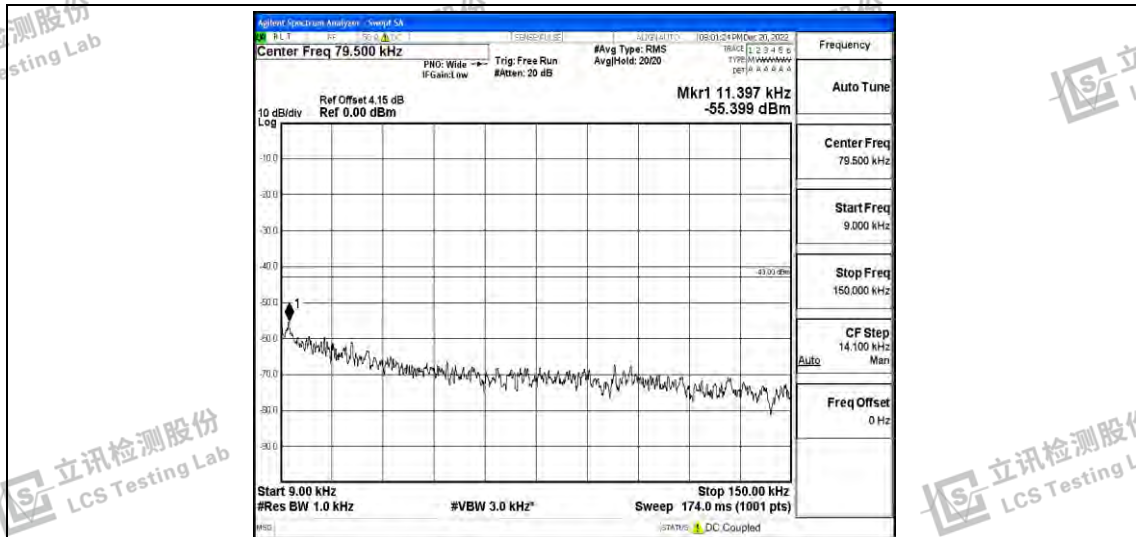


Band71-20MHz-QPSK-133222-1RB#0-Range4:1000~10000MHz

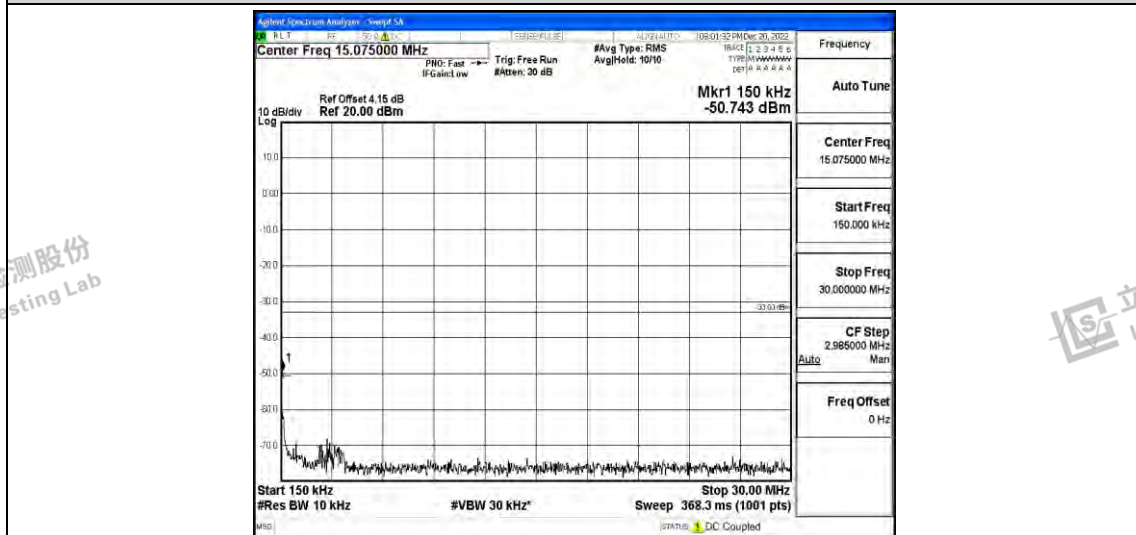


Band71-20MHz-QPSK-133297-1RB#0-Range1:0.009~0.15MHz

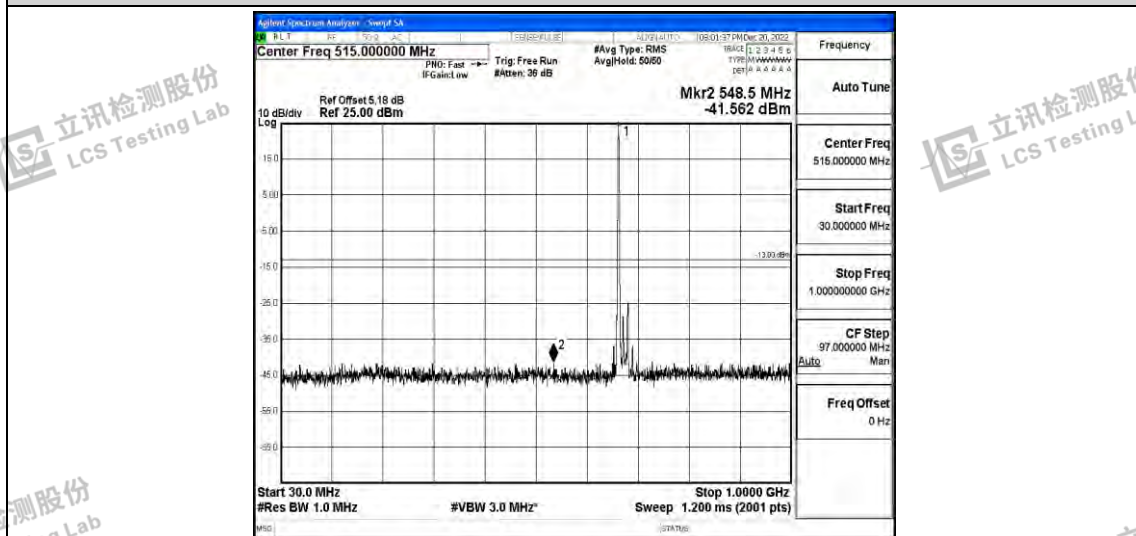




Band71-20MHz-QPSK-133297-1RB#0-Range2:0.15~30MHz

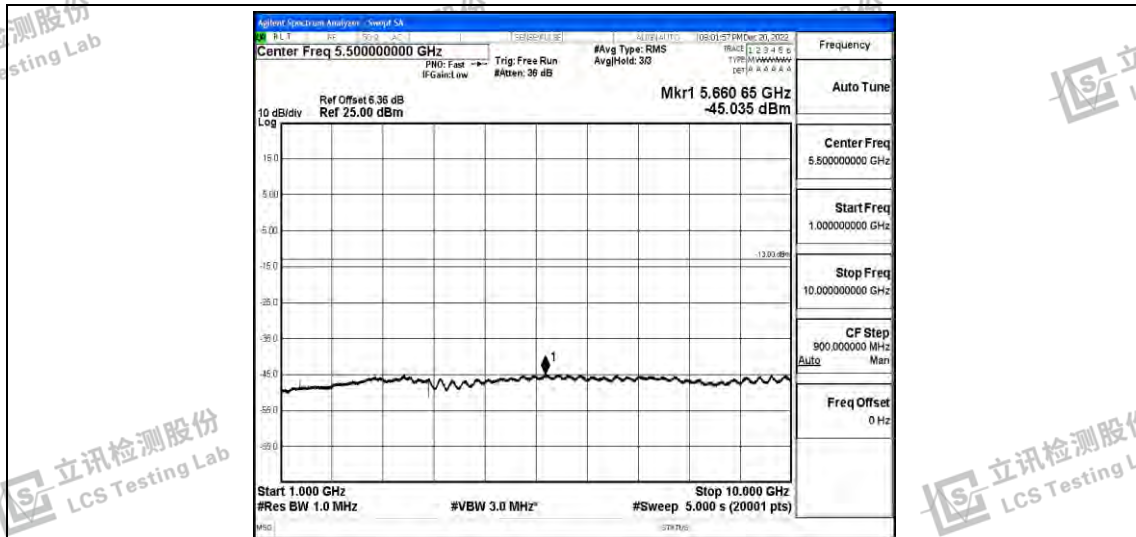


Band71-20MHz-QPSK-133297-1RB#0-Range3:30~1000MHz

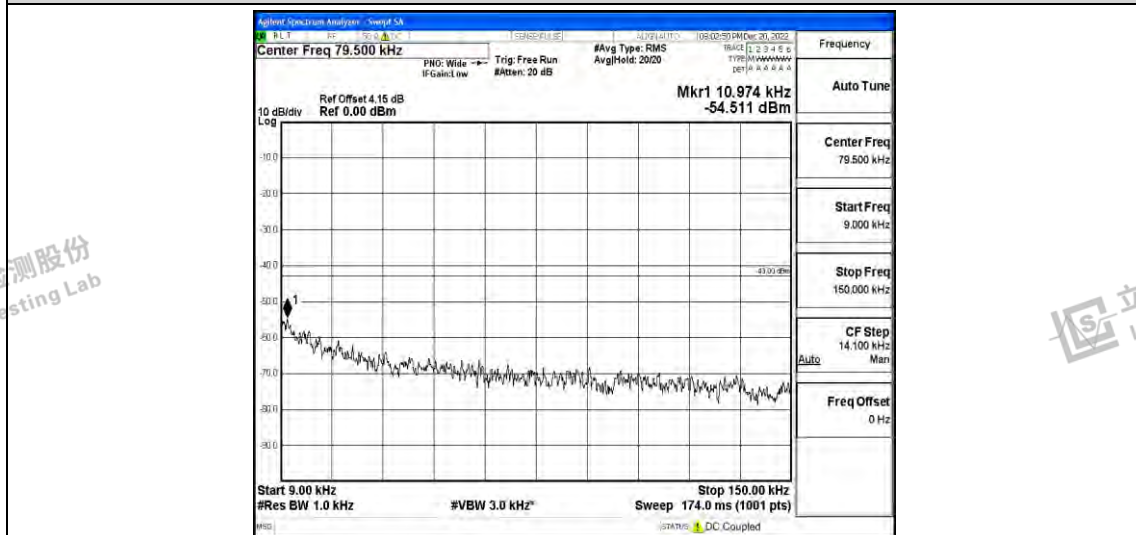


Band71-20MHz-QPSK-133297-1RB#0-Range4:1000~10000MHz





Band71-20MHz-QPSK-133372-1RB#0-Range1:0.009~0.15MHz

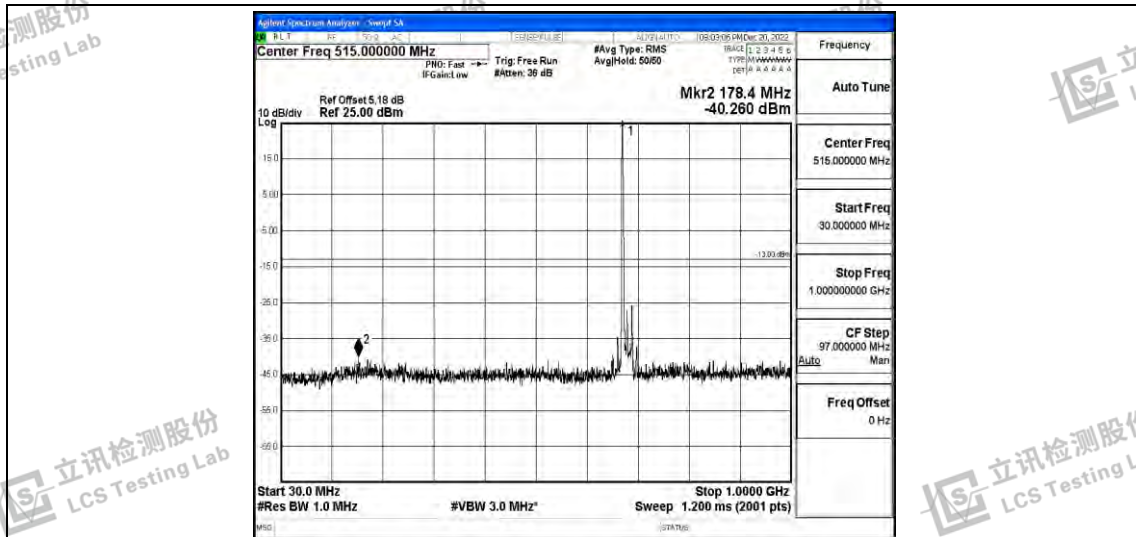


Band71-20MHz-QPSK-133372-1RB#0-Range2:0.15~30MHz

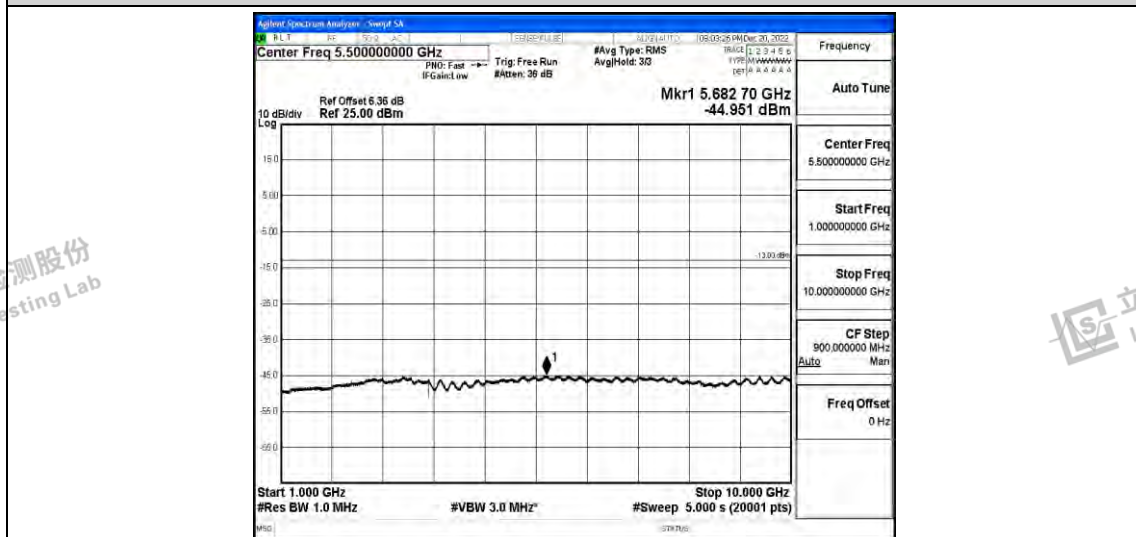


Band71-20MHz-QPSK-133372-1RB#0-Range3:30~1000MHz

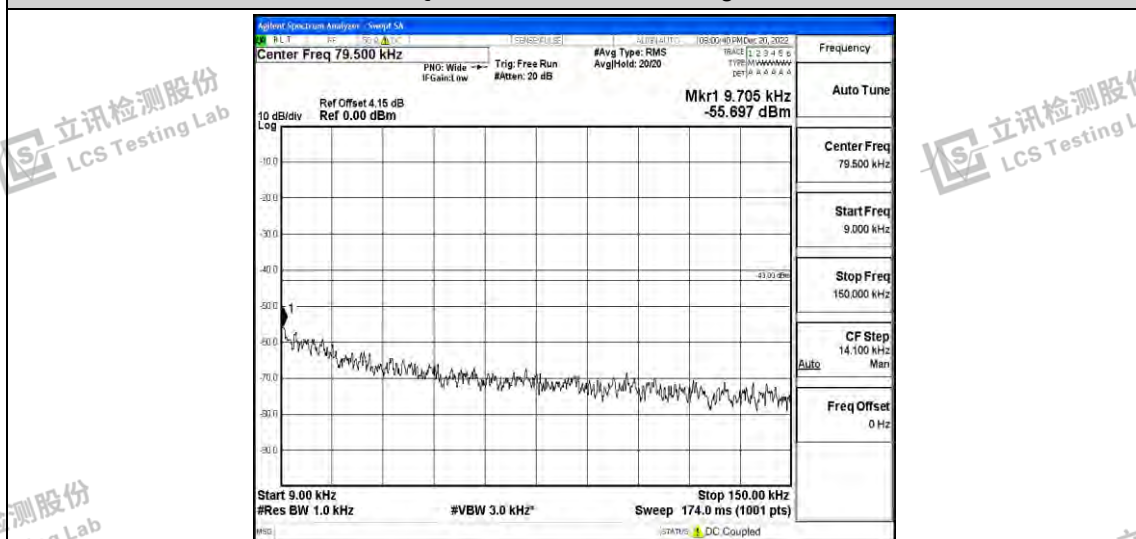




Band71-20MHz-QPSK-133372-1RB#0-Range4:1000~10000MHz



Band71-20MHz-16QAM-133222-1RB#0-Range1:0.009~0.15MHz

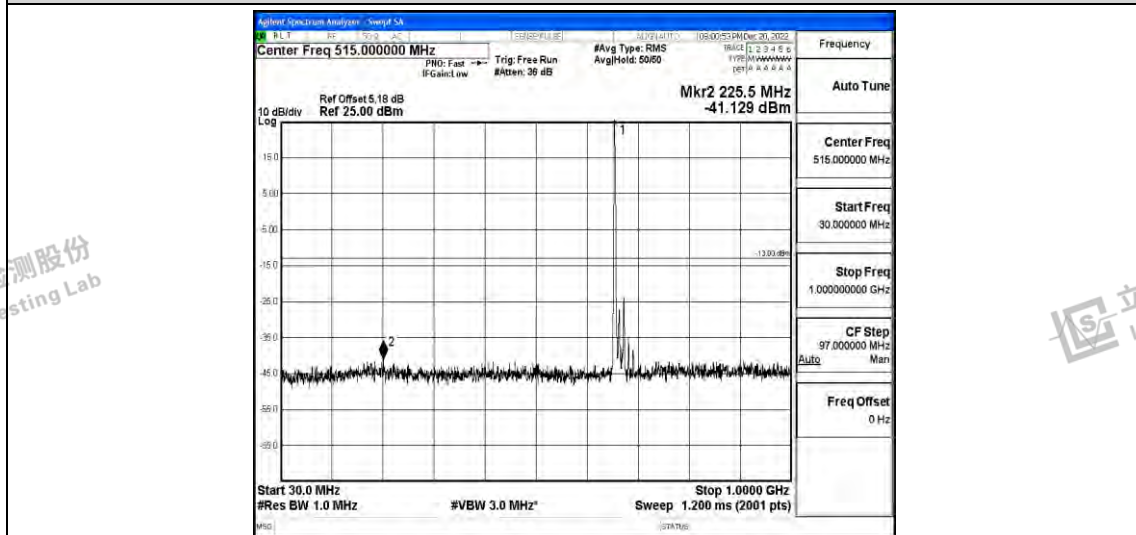


Band71-20MHz-16QAM-133222-1RB#0-Range2:0.15~30MHz

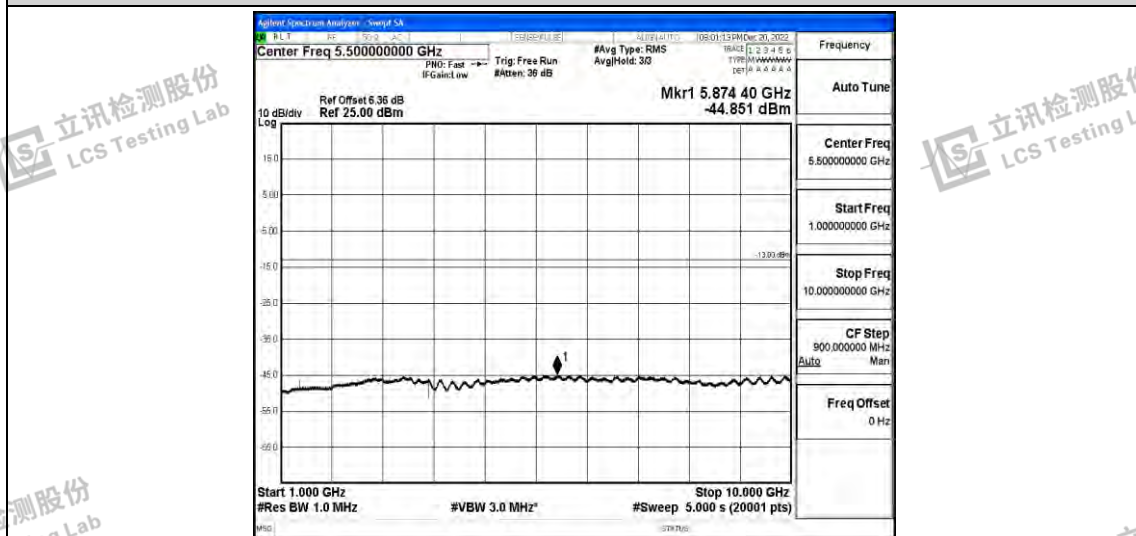




Band71-20MHz-16QAM-133222-1RB#0-Range3:30~1000MHz

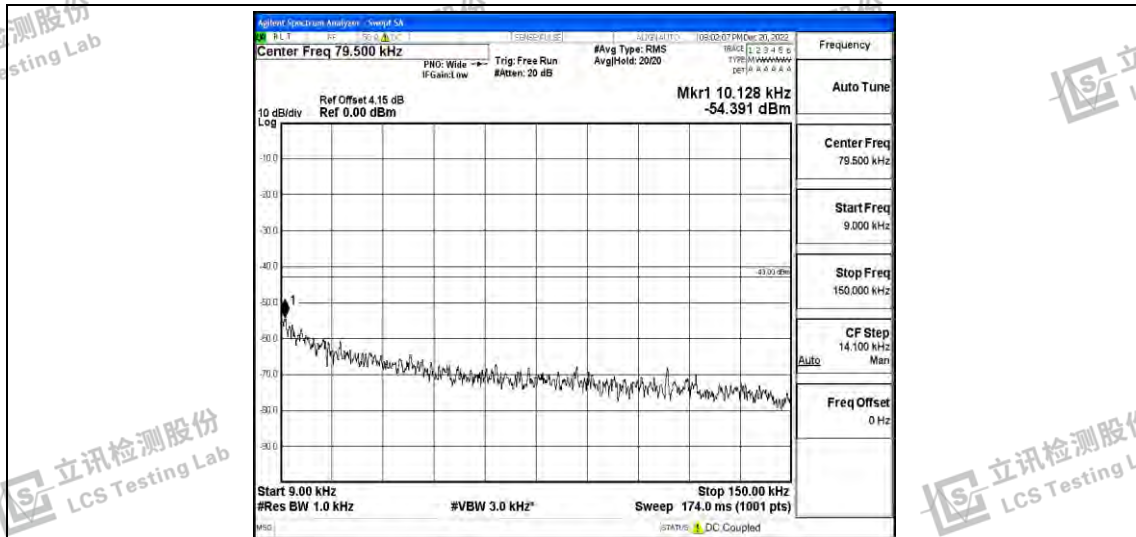


Band71-20MHz-16QAM-133222-1RB#0-Range4:1000~10000MHz



Band71-20MHz-16QAM-133297-1RB#0-Range1:0.009~0.15MHz

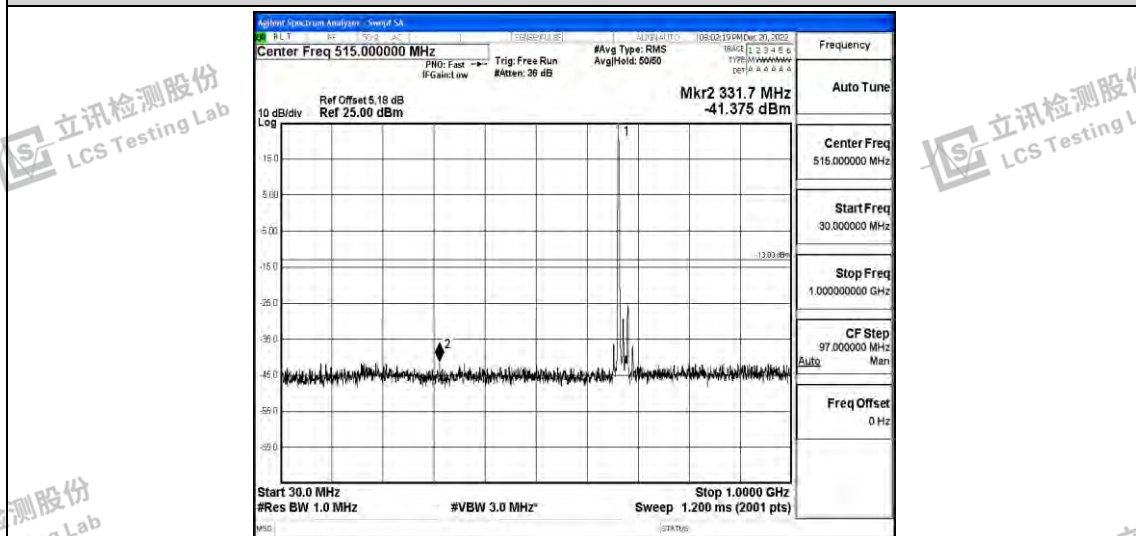




Band71-20MHz-16QAM-133297-1RB#0-Range2:0.15~30MHz

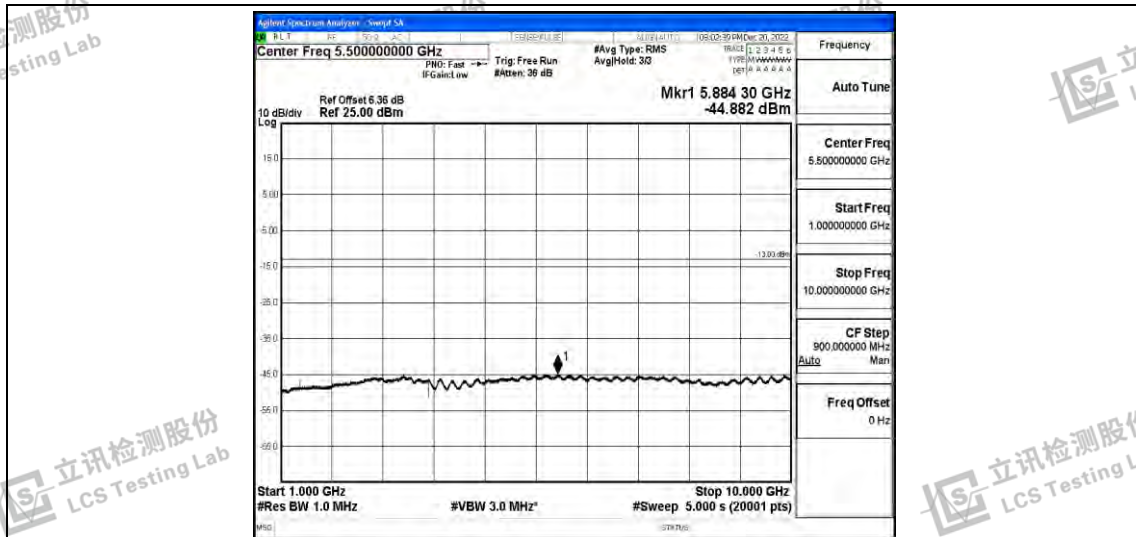


Band71-20MHz-16QAM-133297-1RB#0-Range3:30~1000MHz

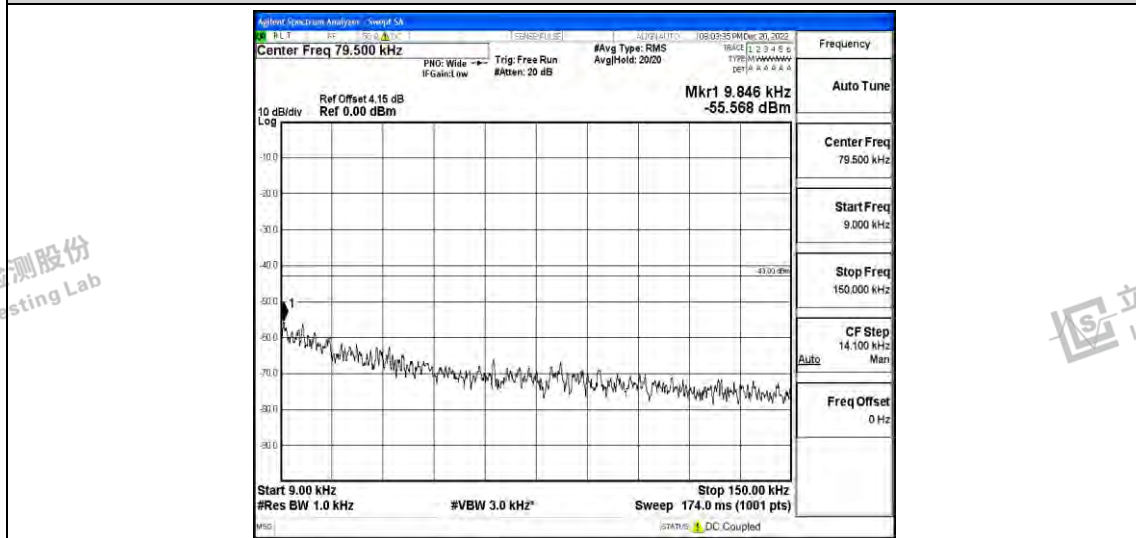


Band71-20MHz-16QAM-133297-1RB#0-Range4:1000~10000MHz

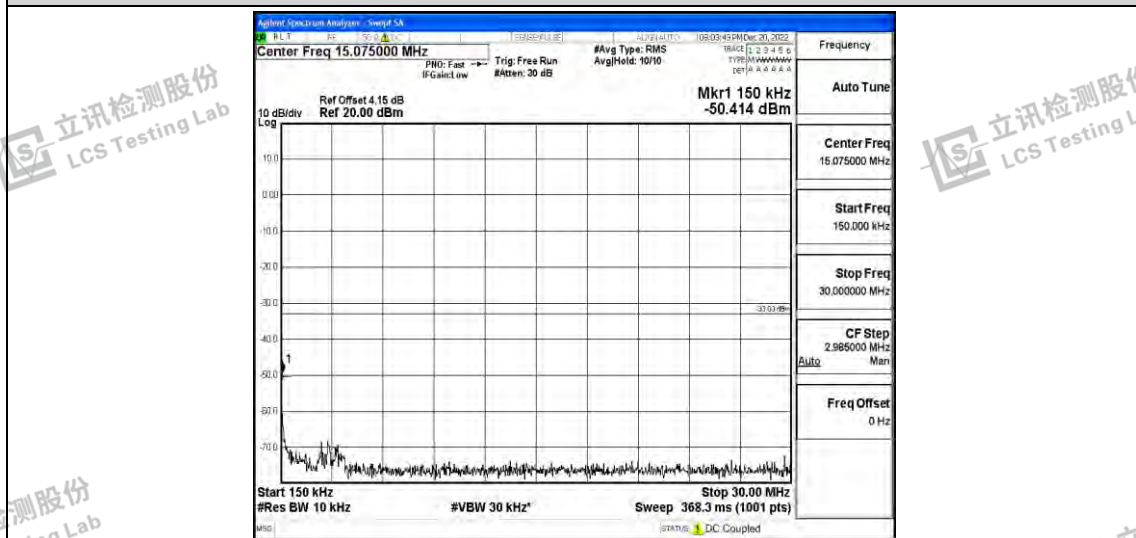




Band71-20MHz-16QAM-133372-1RB#0-Range1:0.009~0.15MHz

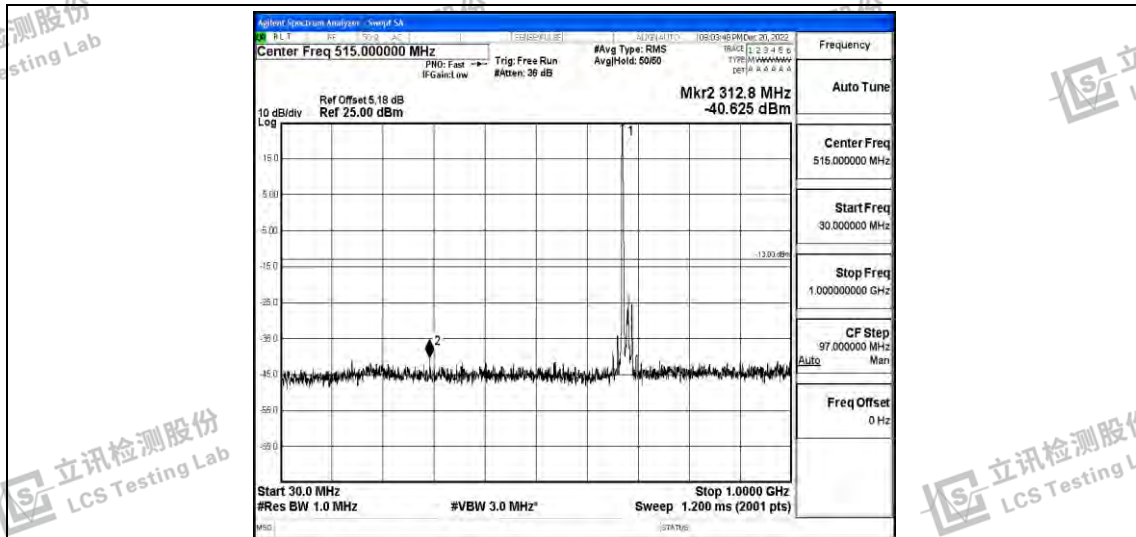


Band71-20MHz-16QAM-133372-1RB#0-Range2:0.15~30MHz



Band71-20MHz-16QAM-133372-1RB#0-Range3:30~1000MHz





Band71-20MHz-16QAM-133372-1RB#0-Range4:1000~10000MHz

