



## Appendix M: Test Data for E-UTRA Band 71

**Product Name: Smartphone**

**Test Model: Hyline Pro**

### Environmental Conditions

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



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Scan code to check authenticity



### M.1 Conducted Power Output Data

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	22.44	PASS
Band71	5MHz	16QAM	133147	1RB#0	21.37	PASS
Band71	5MHz	QPSK	133147	1RB#12	22.47	PASS
Band71	5MHz	16QAM	133147	1RB#12	21.49	PASS
Band71	5MHz	QPSK	133147	1RB#24	22.33	PASS
Band71	5MHz	16QAM	133147	1RB#24	21.34	PASS
Band71	5MHz	QPSK	133147	12RB#0	21.36	PASS
Band71	5MHz	16QAM	133147	12RB#0	20.37	PASS
Band71	5MHz	QPSK	133147	12RB#6	21.36	PASS
Band71	5MHz	16QAM	133147	12RB#6	20.36	PASS
Band71	5MHz	QPSK	133147	12RB#13	21.32	PASS
Band71	5MHz	16QAM	133147	12RB#13	20.35	PASS
Band71	5MHz	QPSK	133147	25RB#0	21.38	PASS
Band71	5MHz	16QAM	133147	25RB#0	20.44	PASS
Band71	5MHz	QPSK	133297	1RB#0	22.18	PASS
Band71	5MHz	16QAM	133297	1RB#0	21.34	PASS
Band71	5MHz	QPSK	133297	1RB#12	22.21	PASS
Band71	5MHz	16QAM	133297	1RB#12	21.43	PASS
Band71	5MHz	QPSK	133297	1RB#24	22.07	PASS
Band71	5MHz	16QAM	133297	1RB#24	21.24	PASS
Band71	5MHz	QPSK	133297	12RB#0	21.11	PASS
Band71	5MHz	16QAM	133297	12RB#0	20.25	PASS
Band71	5MHz	QPSK	133297	12RB#6	21.13	PASS
Band71	5MHz	16QAM	133297	12RB#6	20.21	PASS
Band71	5MHz	QPSK	133297	12RB#13	21.15	PASS
Band71	5MHz	16QAM	133297	12RB#13	20.22	PASS
Band71	5MHz	QPSK	133297	25RB#0	21.13	PASS
Band71	5MHz	16QAM	133297	25RB#0	20.17	PASS
Band71	5MHz	QPSK	133447	1RB#0	22.38	PASS
Band71	5MHz	16QAM	133447	1RB#0	21.29	PASS
Band71	5MHz	QPSK	133447	1RB#12	22.47	PASS
Band71	5MHz	16QAM	133447	1RB#12	21.41	PASS
Band71	5MHz	QPSK	133447	1RB#24	22.42	PASS
Band71	5MHz	16QAM	133447	1RB#24	21.38	PASS
Band71	5MHz	QPSK	133447	12RB#0	21.30	PASS
Band71	5MHz	16QAM	133447	12RB#0	20.34	PASS



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Band71	5MHz	QPSK	133447	12RB#6	21.32	PASS
Band71	5MHz	16QAM	133447	12RB#6	20.32	PASS
Band71	5MHz	QPSK	133447	12RB#13	21.39	PASS
Band71	5MHz	16QAM	133447	12RB#13	20.39	PASS
Band71	5MHz	QPSK	133447	25RB#0	21.38	PASS
Band71	5MHz	16QAM	133447	25RB#0	20.44	PASS
Band71	10MHz	QPSK	133172	1RB#0	22.45	PASS
Band71	10MHz	16QAM	133172	1RB#0	21.59	PASS
Band71	10MHz	QPSK	133172	1RB#24	22.40	PASS
Band71	10MHz	16QAM	133172	1RB#24	21.65	PASS
Band71	10MHz	QPSK	133172	1RB#49	22.23	PASS
Band71	10MHz	16QAM	133172	1RB#49	21.41	PASS
Band71	10MHz	QPSK	133172	25RB#0	21.45	PASS
Band71	10MHz	16QAM	133172	25RB#0	20.44	PASS
Band71	10MHz	QPSK	133172	25RB#12	21.40	PASS
Band71	10MHz	16QAM	133172	25RB#12	20.46	PASS
Band71	10MHz	QPSK	133172	25RB#25	21.37	PASS
Band71	10MHz	16QAM	133172	25RB#25	20.40	PASS
Band71	10MHz	QPSK	133172	50RB#0	21.39	PASS
Band71	10MHz	16QAM	133172	50RB#0	20.42	PASS
Band71	10MHz	QPSK	133297	1RB#0	22.18	PASS
Band71	10MHz	16QAM	133297	1RB#0	21.40	PASS
Band71	10MHz	QPSK	133297	1RB#24	22.28	PASS
Band71	10MHz	16QAM	133297	1RB#24	21.46	PASS
Band71	10MHz	QPSK	133297	1RB#49	22.11	PASS
Band71	10MHz	16QAM	133297	1RB#49	21.27	PASS
Band71	10MHz	QPSK	133297	25RB#0	21.19	PASS
Band71	10MHz	16QAM	133297	25RB#0	20.31	PASS
Band71	10MHz	QPSK	133297	25RB#12	21.22	PASS
Band71	10MHz	16QAM	133297	25RB#12	20.32	PASS
Band71	10MHz	QPSK	133297	25RB#25	21.09	PASS
Band71	10MHz	16QAM	133297	25RB#25	20.22	PASS
Band71	10MHz	QPSK	133297	50RB#0	21.08	PASS
Band71	10MHz	16QAM	133297	50RB#0	20.27	PASS
Band71	10MHz	QPSK	133422	1RB#0	22.20	PASS
Band71	10MHz	16QAM	133422	1RB#0	21.10	PASS
Band71	10MHz	QPSK	133422	1RB#24	22.42	PASS
Band71	10MHz	16QAM	133422	1RB#24	21.34	PASS
Band71	10MHz	QPSK	133422	1RB#49	22.39	PASS
Band71	10MHz	16QAM	133422	1RB#49	21.35	PASS



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Band71	10MHz	QPSK	133422	25RB#0	21.36	PASS
Band71	10MHz	16QAM	133422	25RB#0	20.33	PASS
Band71	10MHz	QPSK	133422	25RB#12	21.27	PASS
Band71	10MHz	16QAM	133422	25RB#12	20.38	PASS
Band71	10MHz	QPSK	133422	25RB#25	21.37	PASS
Band71	10MHz	16QAM	133422	25RB#25	20.40	PASS
Band71	10MHz	QPSK	133422	50RB#0	21.33	PASS
Band71	10MHz	16QAM	133422	50RB#0	20.30	PASS
Band71	15MHz	QPSK	133197	1RB#0	22.42	PASS
Band71	15MHz	16QAM	133197	1RB#0	21.57	PASS
Band71	15MHz	QPSK	133197	1RB#38	22.27	PASS
Band71	15MHz	16QAM	133197	1RB#38	21.50	PASS
Band71	15MHz	QPSK	133197	1RB#74	22.12	PASS
Band71	15MHz	16QAM	133197	1RB#74	21.24	PASS
Band71	15MHz	QPSK	133197	38RB#0	21.51	PASS
Band71	15MHz	16QAM	133197	38RB#0	21.56	PASS
Band71	15MHz	QPSK	133197	38RB#18	21.50	PASS
Band71	15MHz	16QAM	133197	38RB#18	21.52	PASS
Band71	15MHz	QPSK	133197	38RB#37	21.25	PASS
Band71	15MHz	16QAM	133197	38RB#37	21.27	PASS
Band71	15MHz	QPSK	133197	75RB#0	21.38	PASS
Band71	15MHz	16QAM	133197	75RB#0	20.37	PASS
Band71	15MHz	QPSK	133297	1RB#0	22.24	PASS
Band71	15MHz	16QAM	133297	1RB#0	21.52	PASS
Band71	15MHz	QPSK	133297	1RB#38	22.17	PASS
Band71	15MHz	16QAM	133297	1RB#38	21.46	PASS
Band71	15MHz	QPSK	133297	1RB#74	22.08	PASS
Band71	15MHz	16QAM	133297	1RB#74	21.35	PASS
Band71	15MHz	QPSK	133297	38RB#0	21.49	PASS
Band71	15MHz	16QAM	133297	38RB#0	21.55	PASS
Band71	15MHz	QPSK	133297	38RB#18	21.48	PASS
Band71	15MHz	16QAM	133297	38RB#18	21.50	PASS
Band71	15MHz	QPSK	133297	38RB#37	21.40	PASS
Band71	15MHz	16QAM	133297	38RB#37	21.44	PASS
Band71	15MHz	QPSK	133297	75RB#0	21.20	PASS
Band71	15MHz	16QAM	133297	75RB#0	20.23	PASS
Band71	15MHz	QPSK	133397	1RB#0	22.11	PASS
Band71	15MHz	16QAM	133397	1RB#0	20.94	PASS
Band71	15MHz	QPSK	133397	1RB#38	22.26	PASS
Band71	15MHz	16QAM	133397	1RB#38	21.16	PASS





Band71	15MHz	QPSK	133397	1RB#74	22.33	PASS
Band71	15MHz	16QAM	133397	1RB#74	21.26	PASS
Band71	15MHz	QPSK	133397	38RB#0	20.94	PASS
Band71	15MHz	16QAM	133397	38RB#0	21.01	PASS
Band71	15MHz	QPSK	133397	38RB#18	21.12	PASS
Band71	15MHz	16QAM	133397	38RB#18	21.14	PASS
Band71	15MHz	QPSK	133397	38RB#37	21.29	PASS
Band71	15MHz	16QAM	133397	38RB#37	21.28	PASS
Band71	15MHz	QPSK	133397	75RB#0	21.32	PASS
Band71	15MHz	16QAM	133397	75RB#0	20.32	PASS
Band71	20MHz	QPSK	133222	1RB#0	22.37	PASS
Band71	20MHz	16QAM	133222	1RB#0	21.33	PASS
Band71	20MHz	QPSK	133222	1RB#49	22.46	PASS
Band71	20MHz	16QAM	133222	1RB#49	21.34	PASS
Band71	20MHz	QPSK	133222	1RB#99	21.95	PASS
Band71	20MHz	16QAM	133222	1RB#99	20.90	PASS
Band71	20MHz	QPSK	133222	50RB#0	21.37	PASS
Band71	20MHz	16QAM	133222	50RB#0	20.37	PASS
Band71	20MHz	QPSK	133222	50RB#25	21.35	PASS
Band71	20MHz	16QAM	133222	50RB#25	20.44	PASS
Band71	20MHz	QPSK	133222	50RB#50	21.20	PASS
Band71	20MHz	16QAM	133222	50RB#50	20.23	PASS
Band71	20MHz	QPSK	133222	100RB#0	21.27	PASS
Band71	20MHz	16QAM	133222	100RB#0	20.28	PASS
Band71	20MHz	QPSK	133322	1RB#0	22.16	PASS
Band71	20MHz	16QAM	133322	1RB#0	21.33	PASS
Band71	20MHz	QPSK	133322	1RB#49	22.33	PASS
Band71	20MHz	16QAM	133322	1RB#49	21.44	PASS
Band71	20MHz	QPSK	133322	1RB#99	22.11	PASS
Band71	20MHz	16QAM	133322	1RB#99	21.30	PASS
Band71	20MHz	QPSK	133322	50RB#0	21.14	PASS
Band71	20MHz	16QAM	133322	50RB#0	20.22	PASS
Band71	20MHz	QPSK	133322	50RB#25	21.17	PASS
Band71	20MHz	16QAM	133322	50RB#25	20.18	PASS
Band71	20MHz	QPSK	133322	50RB#50	21.14	PASS
Band71	20MHz	16QAM	133322	50RB#50	20.17	PASS
Band71	20MHz	QPSK	133322	100RB#0	21.09	PASS
Band71	20MHz	16QAM	133322	100RB#0	20.25	PASS
Band71	20MHz	QPSK	133372	1RB#0	21.94	PASS
Band71	20MHz	16QAM	133372	1RB#0	21.04	PASS





Band71	20MHz	QPSK	133372	1RB#49	22.25	PASS
Band71	20MHz	16QAM	133372	1RB#49	21.34	PASS
Band71	20MHz	QPSK	133372	1RB#99	22.14	PASS
Band71	20MHz	16QAM	133372	1RB#99	21.19	PASS
Band71	20MHz	QPSK	133372	50RB#0	21.34	PASS
Band71	20MHz	16QAM	133372	50RB#0	20.44	PASS
Band71	20MHz	QPSK	133372	50RB#25	21.32	PASS
Band71	20MHz	16QAM	133372	50RB#25	20.36	PASS
Band71	20MHz	QPSK	133372	50RB#50	21.30	PASS
Band71	20MHz	16QAM	133372	50RB#50	20.40	PASS
Band71	20MHz	QPSK	133372	100RB#0	21.28	PASS
Band71	20MHz	16QAM	133372	100RB#0	20.35	PASS





### M.2 Peak-to-Average Ratio(CCDF)

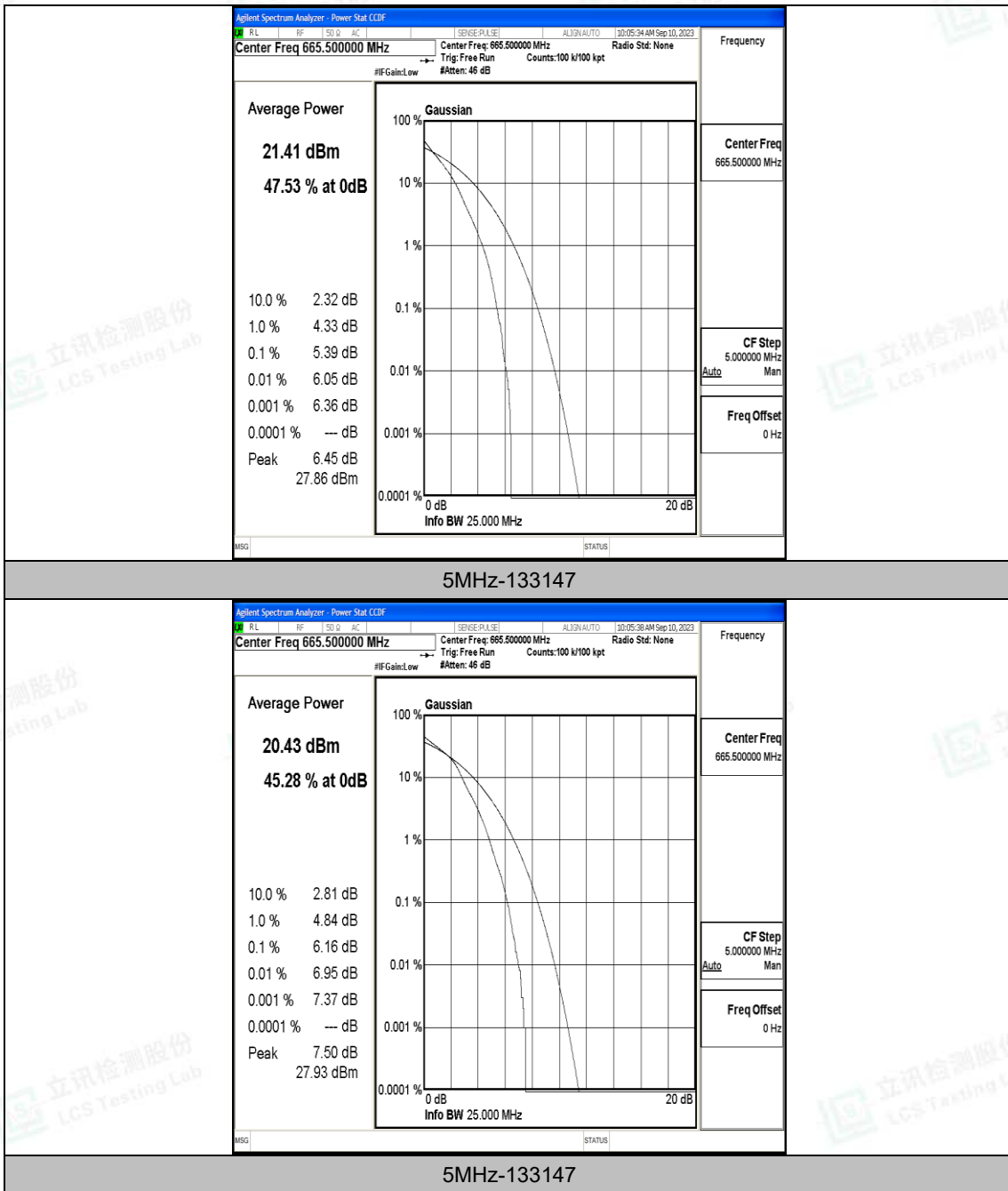
#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	5.39	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	6.16	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	5.57	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	6.39	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	5.64	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	6.37	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	5.54	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	6.22	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	5.55	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	6.30	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	5.63	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	6.30	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	5.90	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	6.39	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	5.92	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	6.38	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	5.89	13	PASS
Band71	15MHz	16QAM	133397	75RB#0	6.38	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.67	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.31	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.65	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.33	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	6.37	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.33	13	PASS

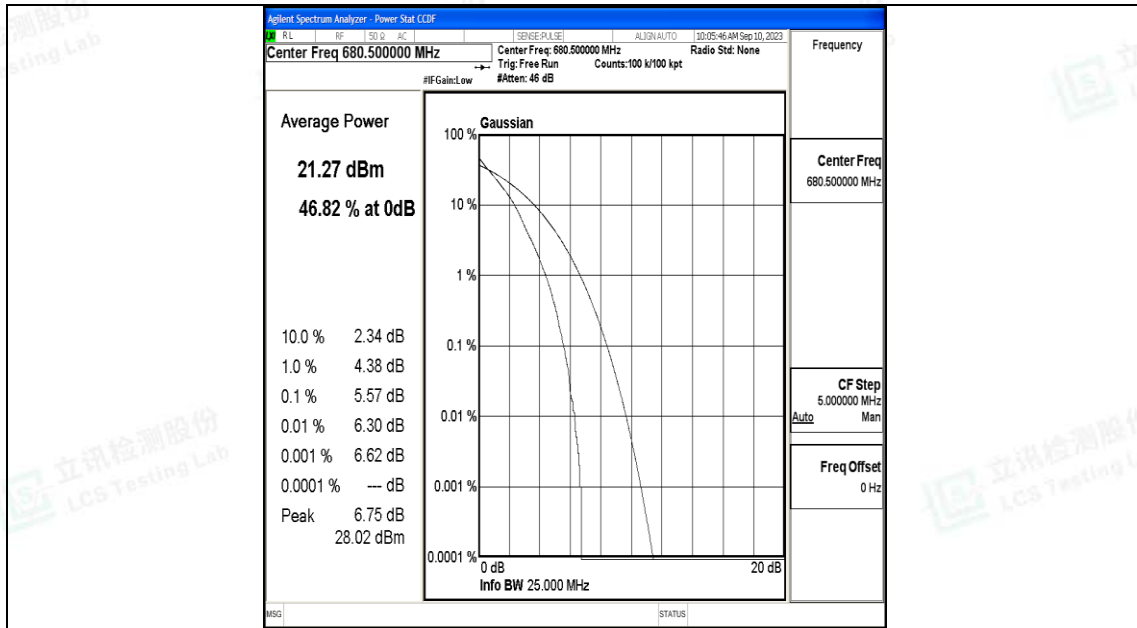




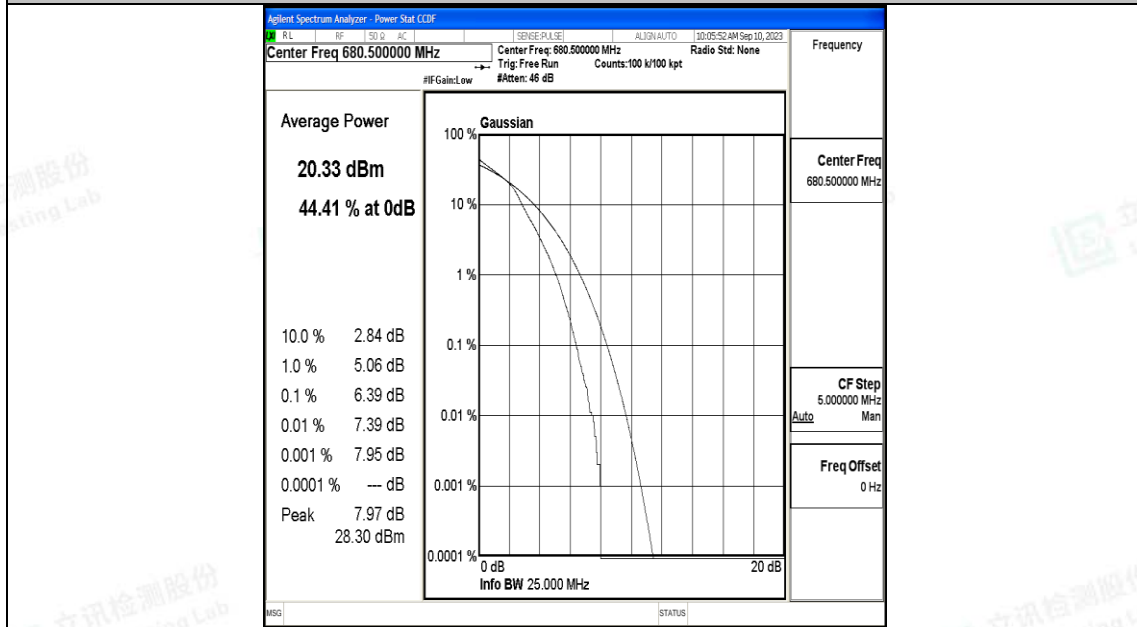
### Test Graphs





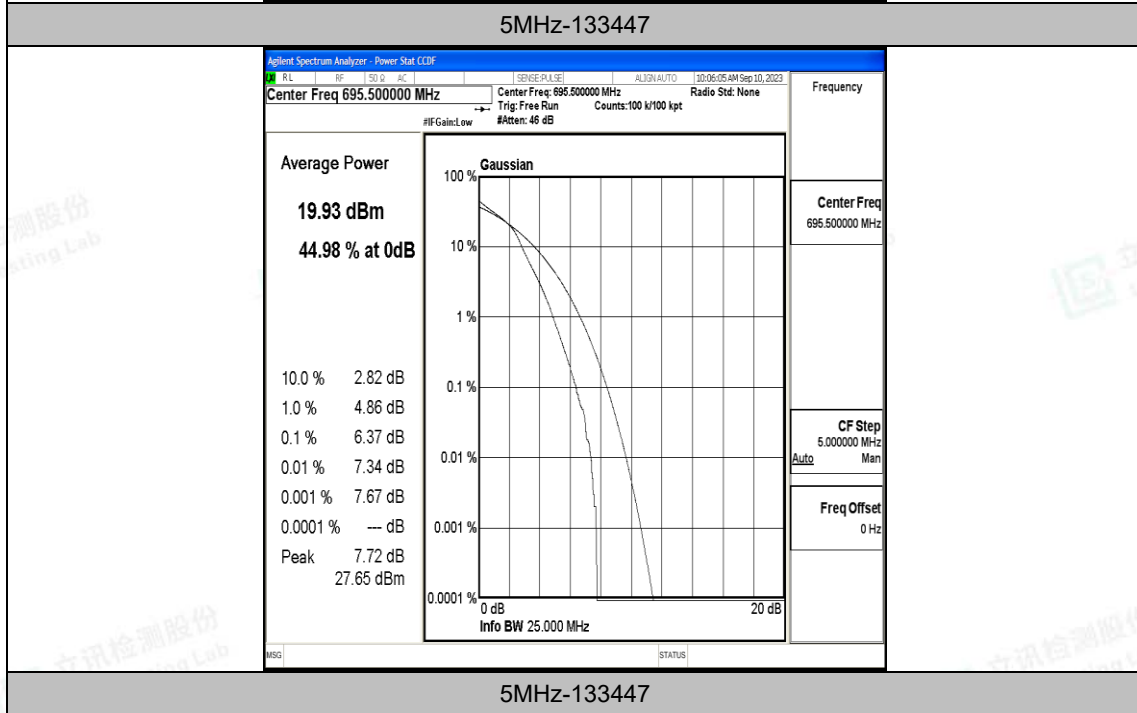
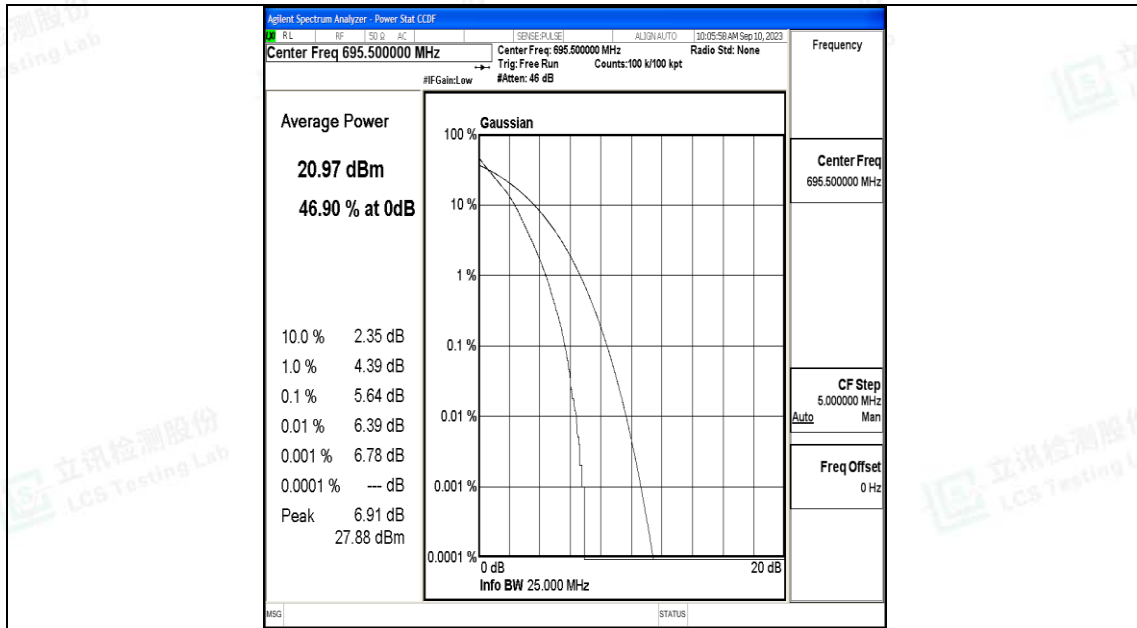


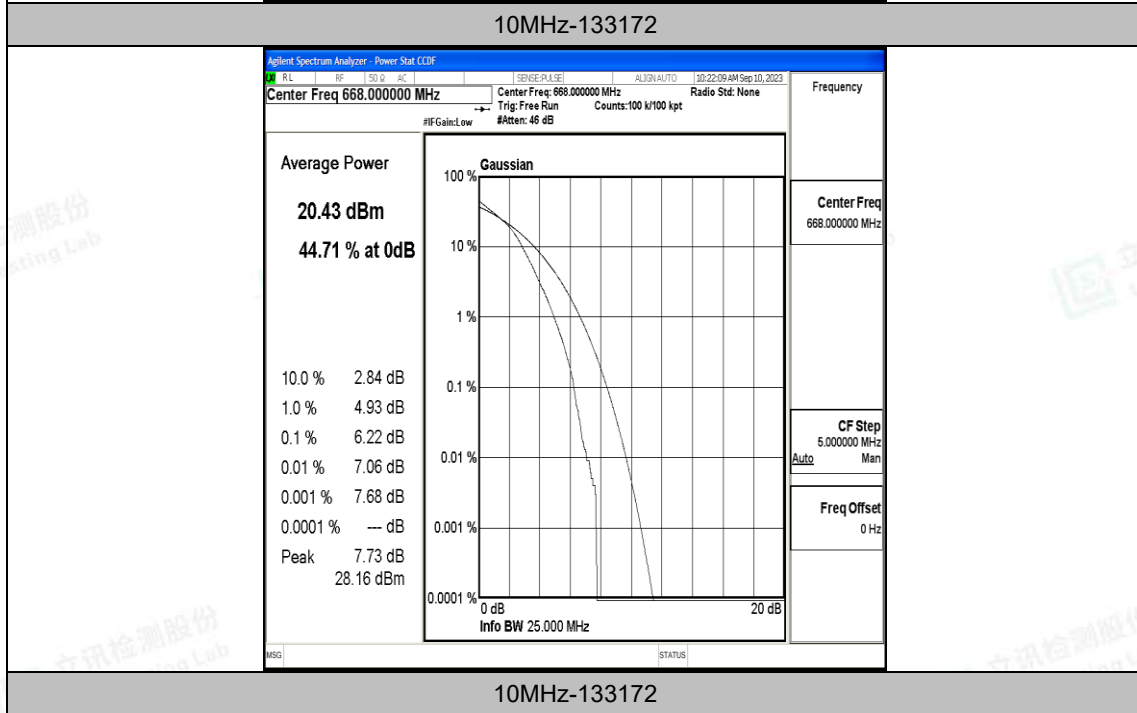
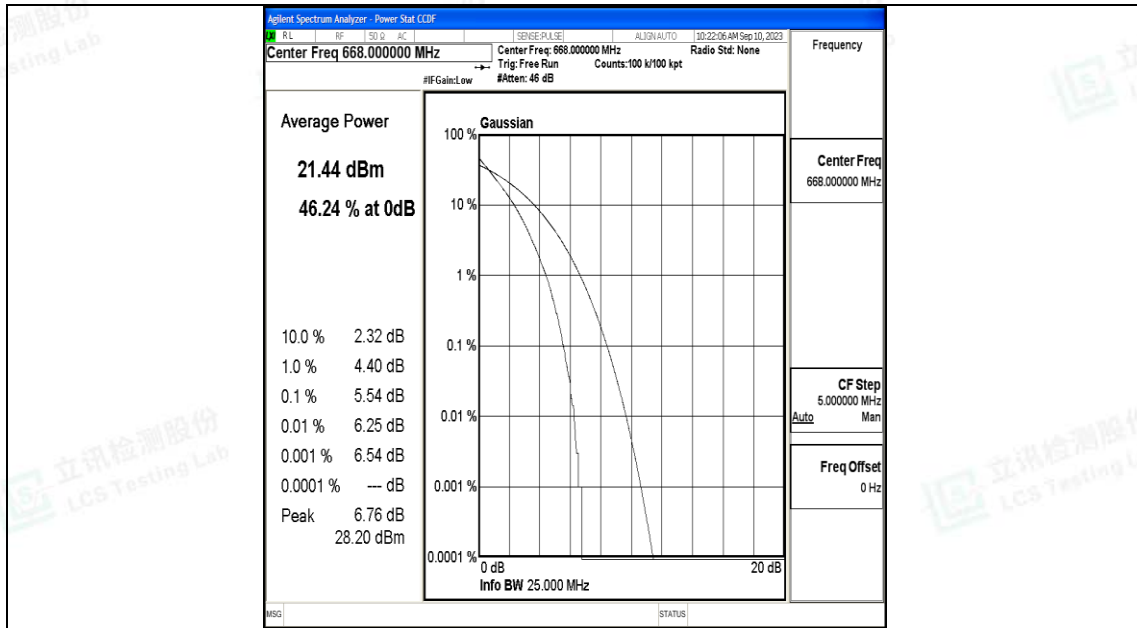
5MHz-133297

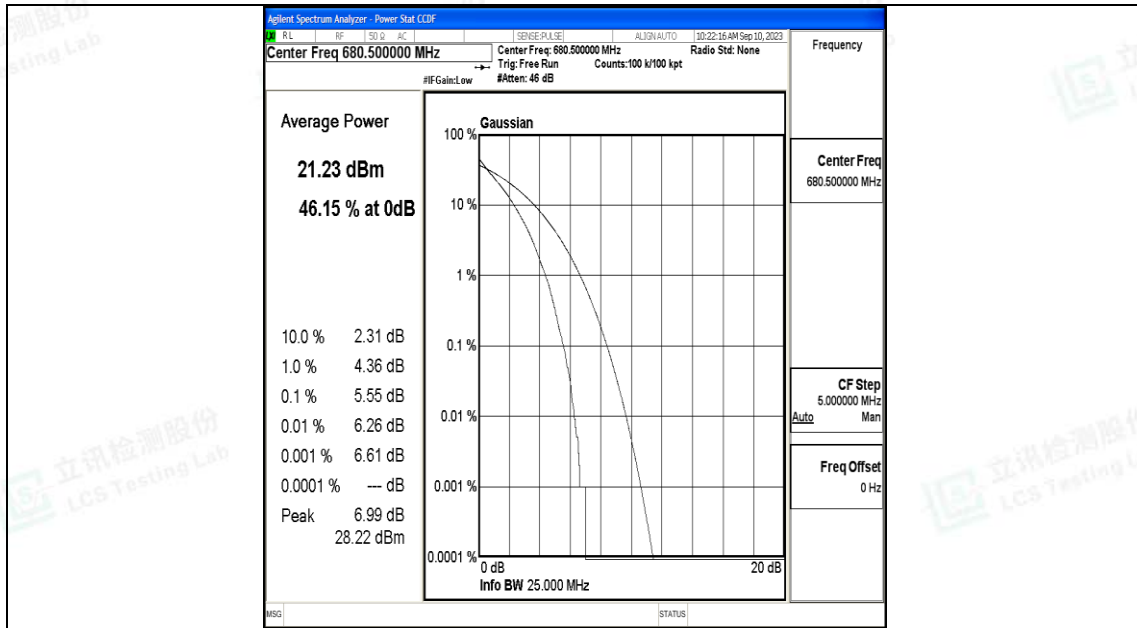


5MHz-133297

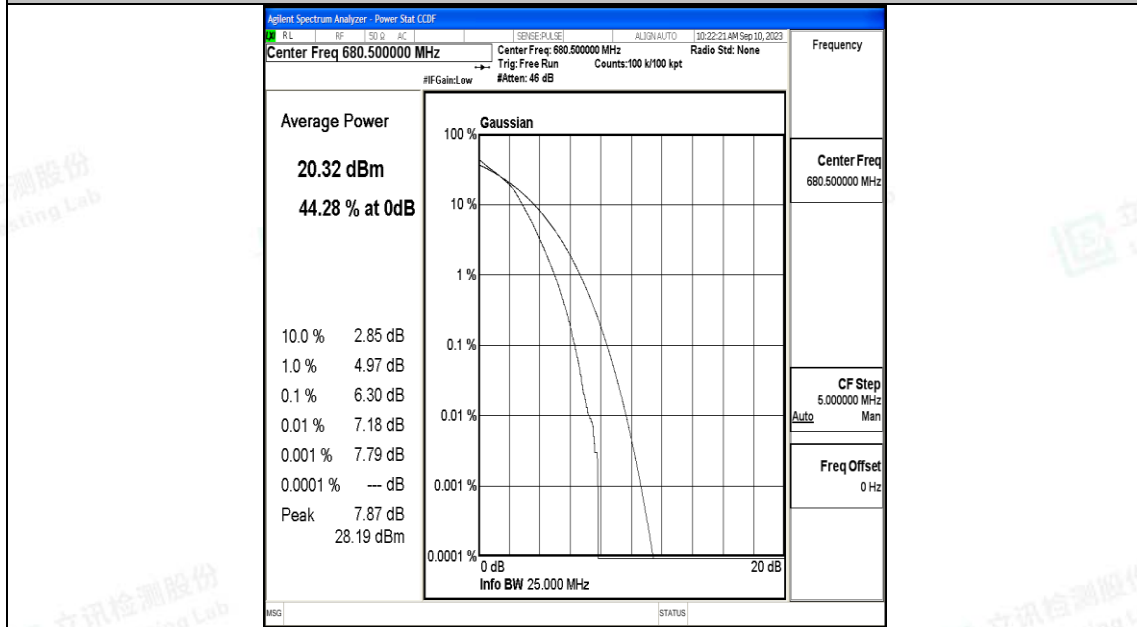






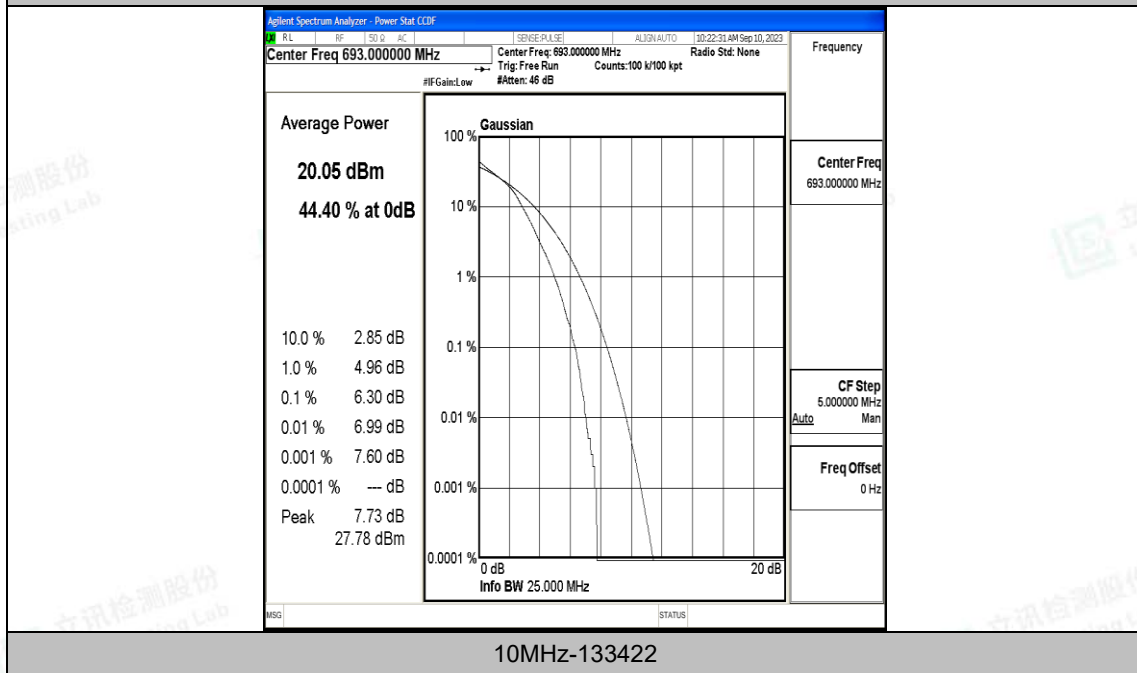
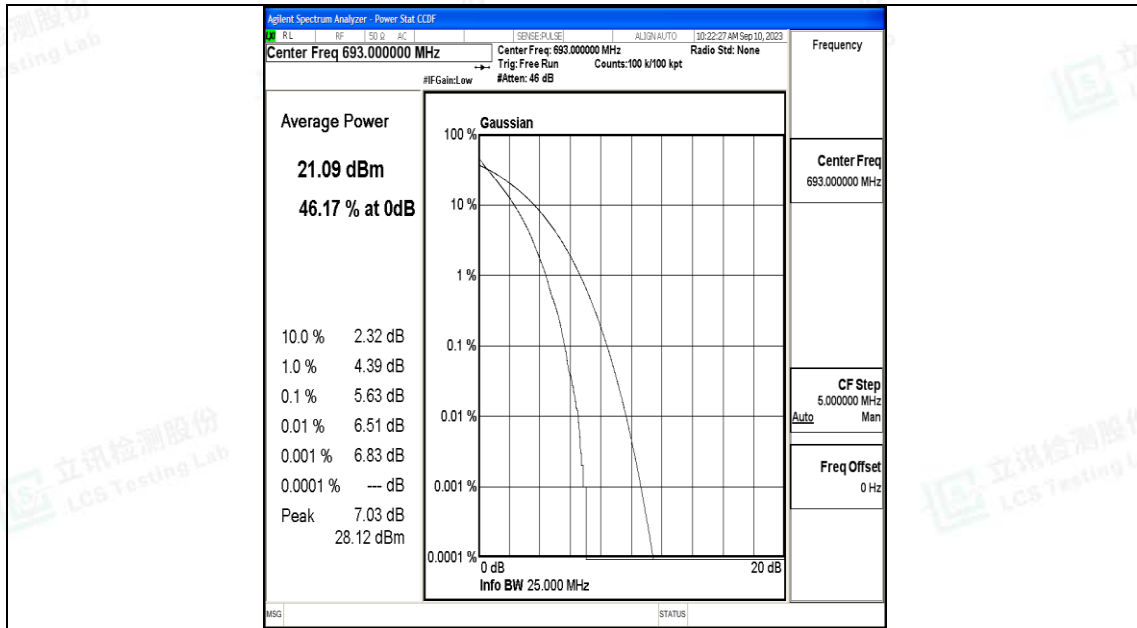


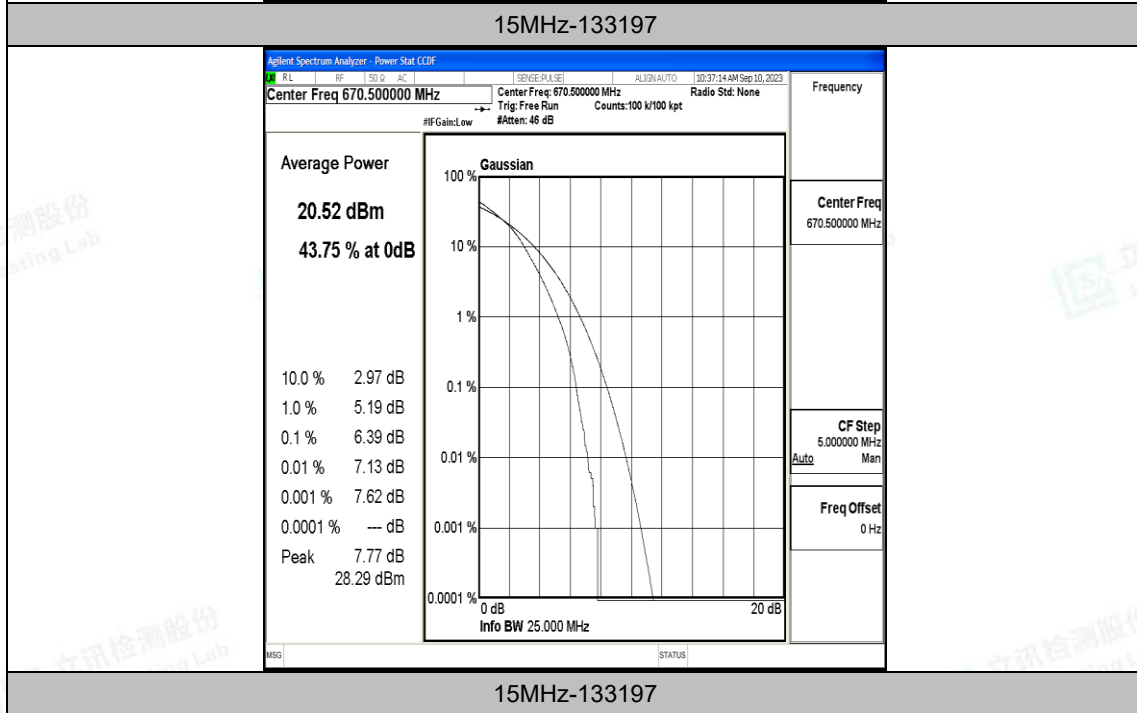
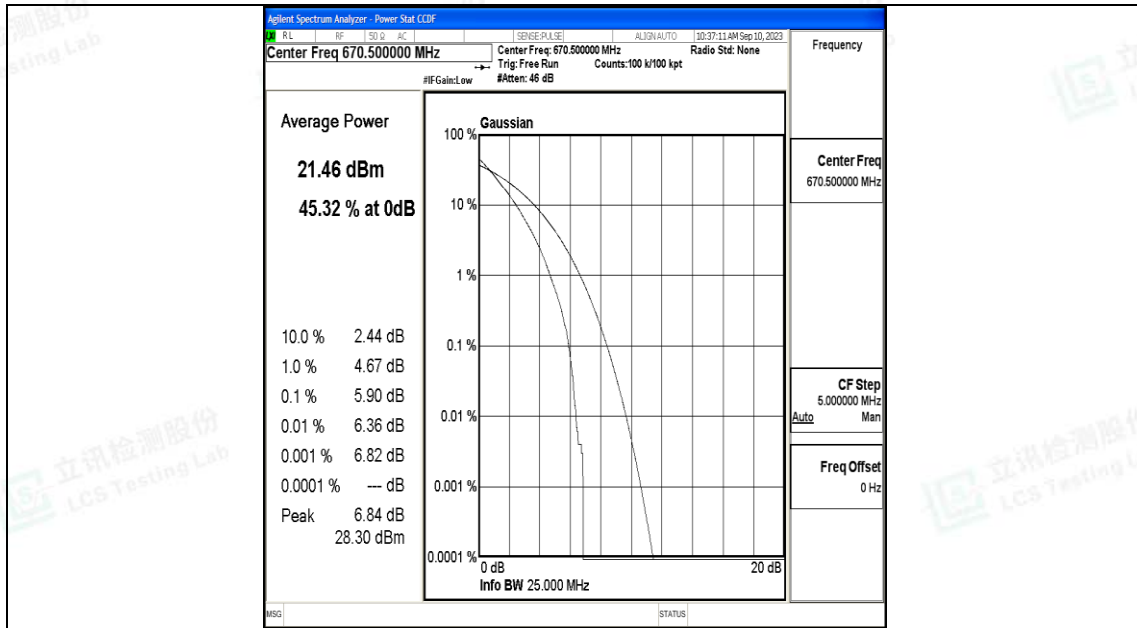
10MHz-133297

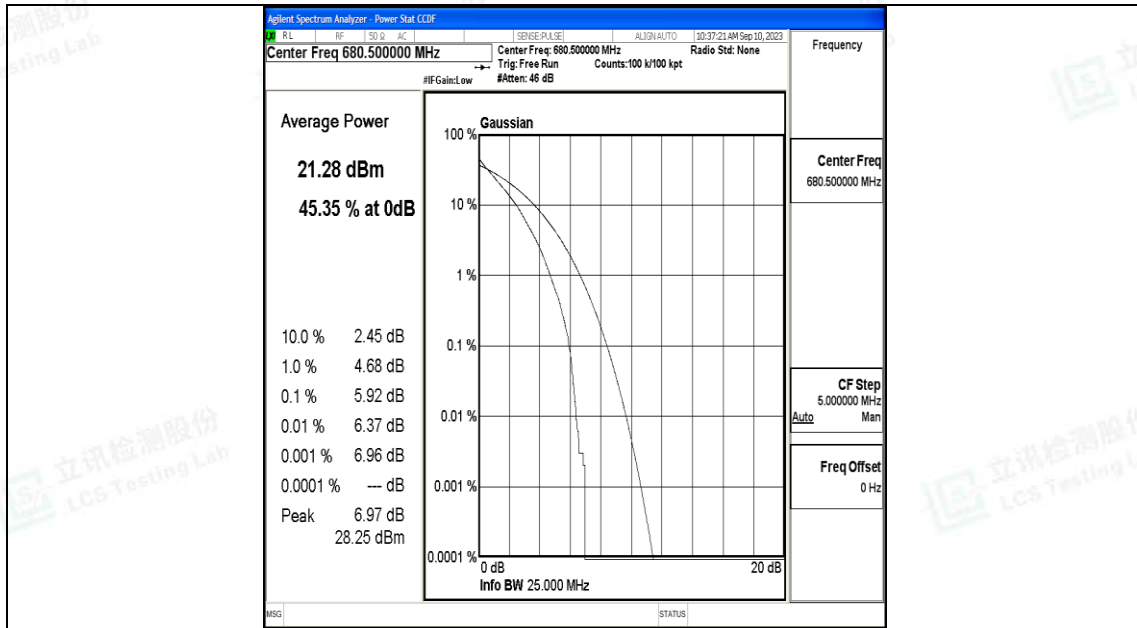


10MHz-133297

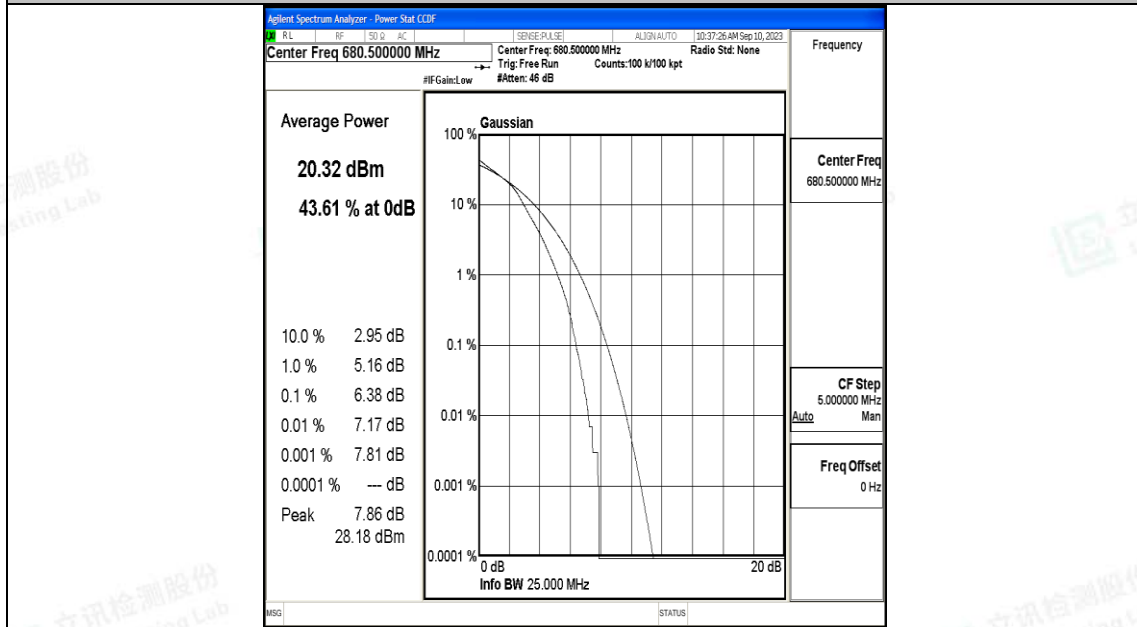






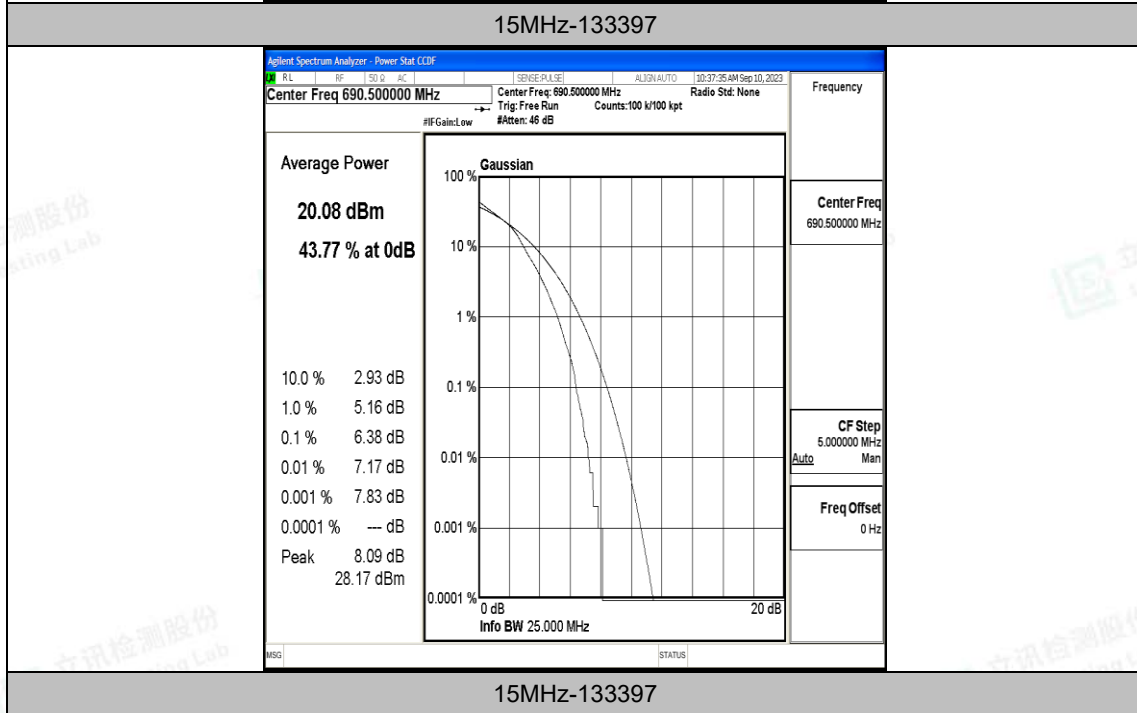
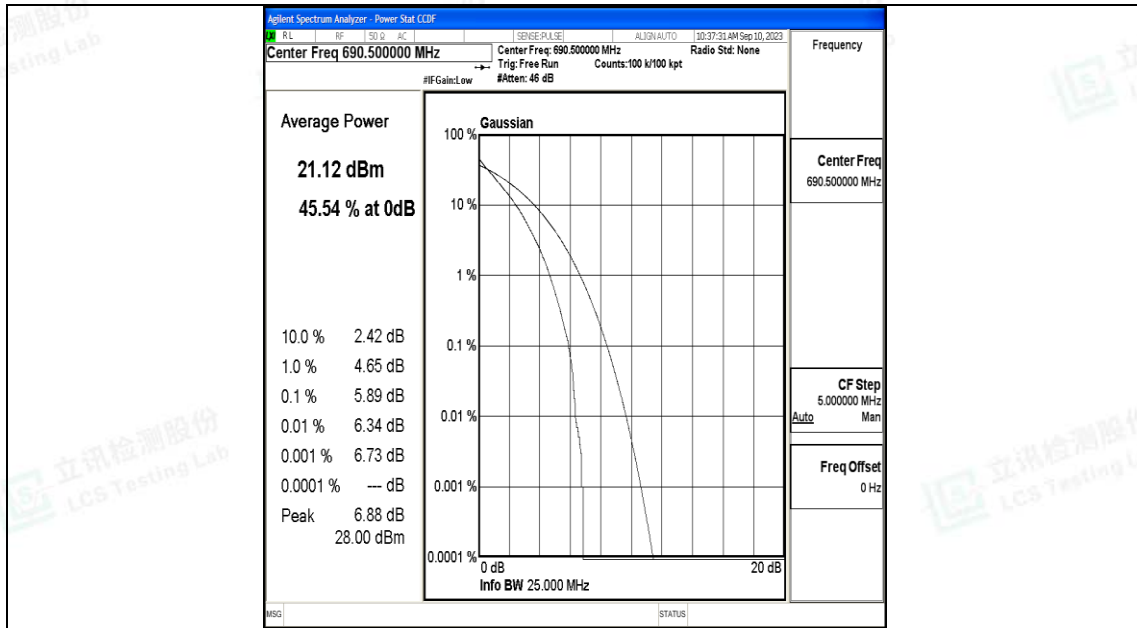


15MHz-133297

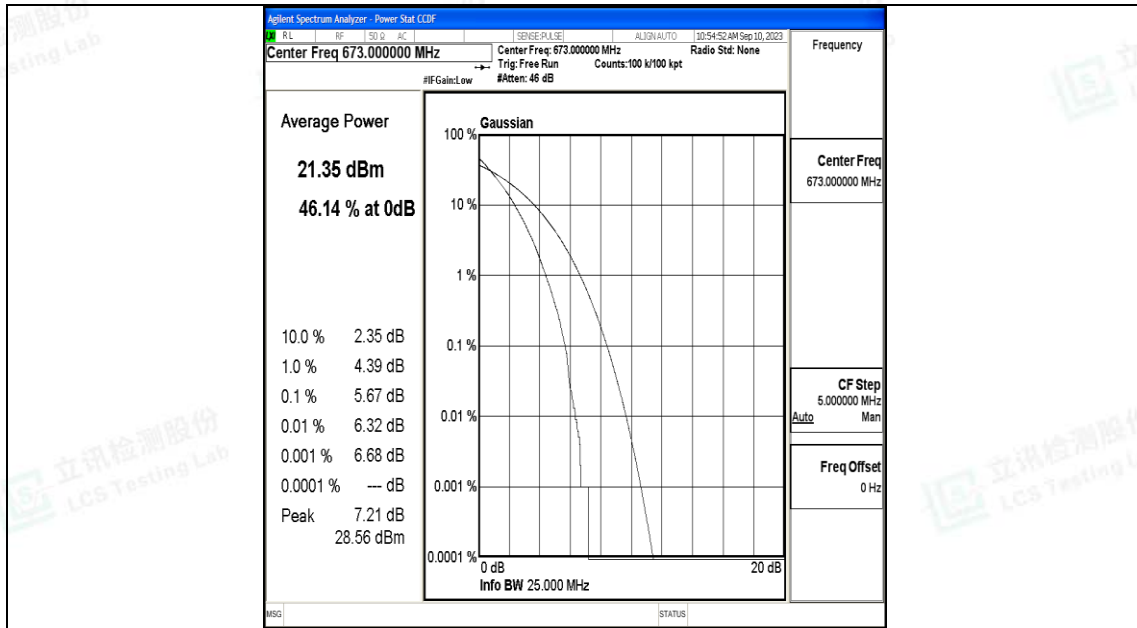


15MHz-133297

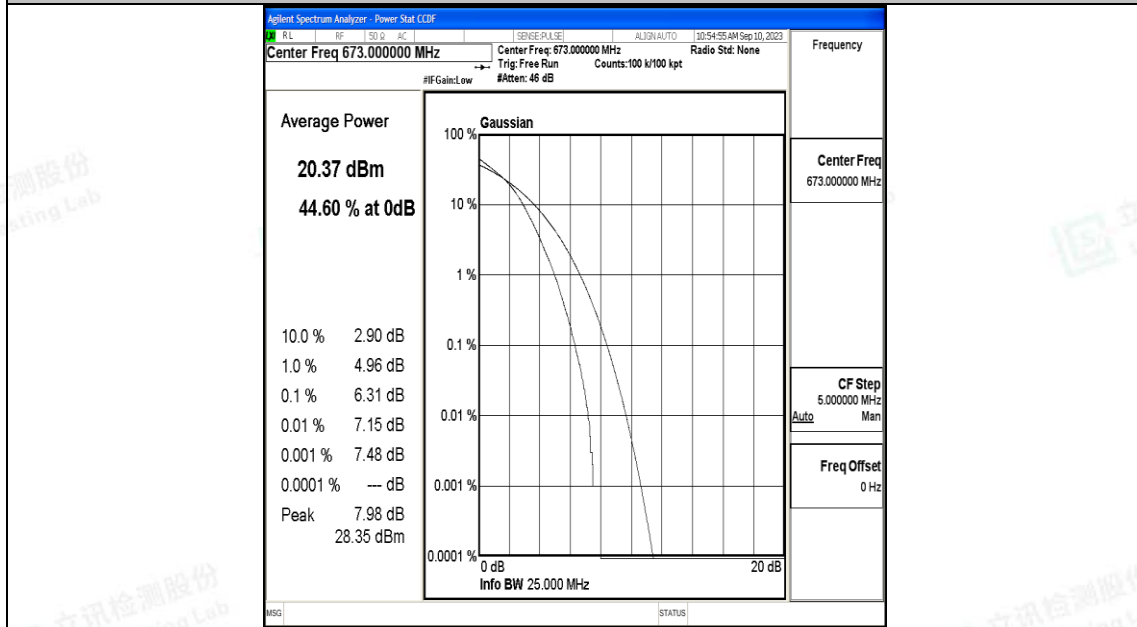






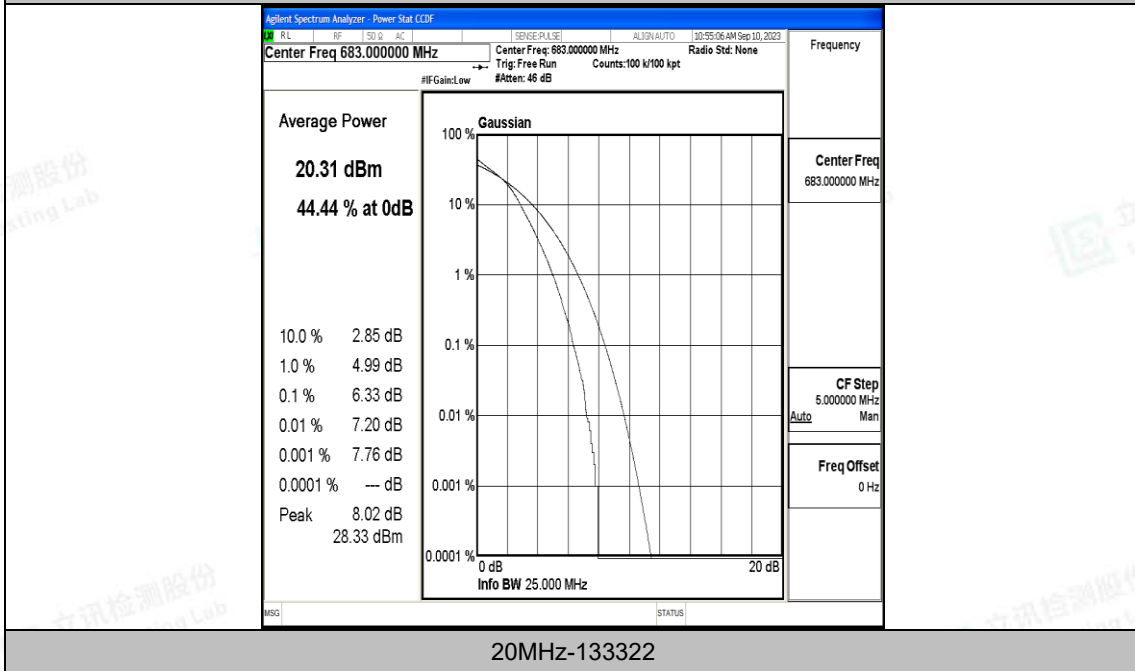
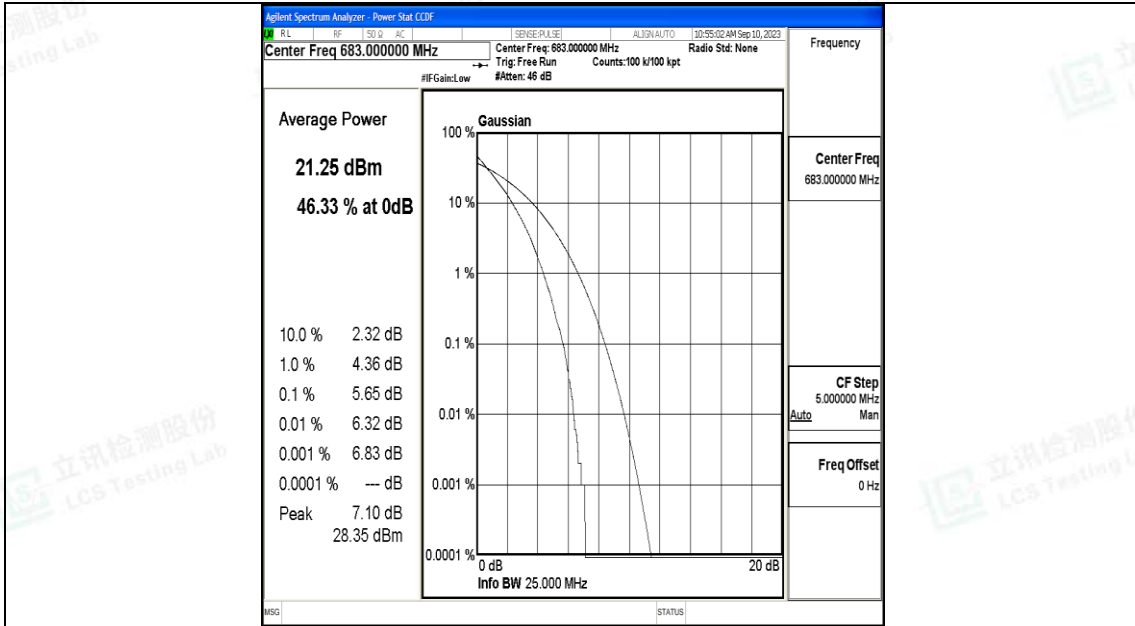


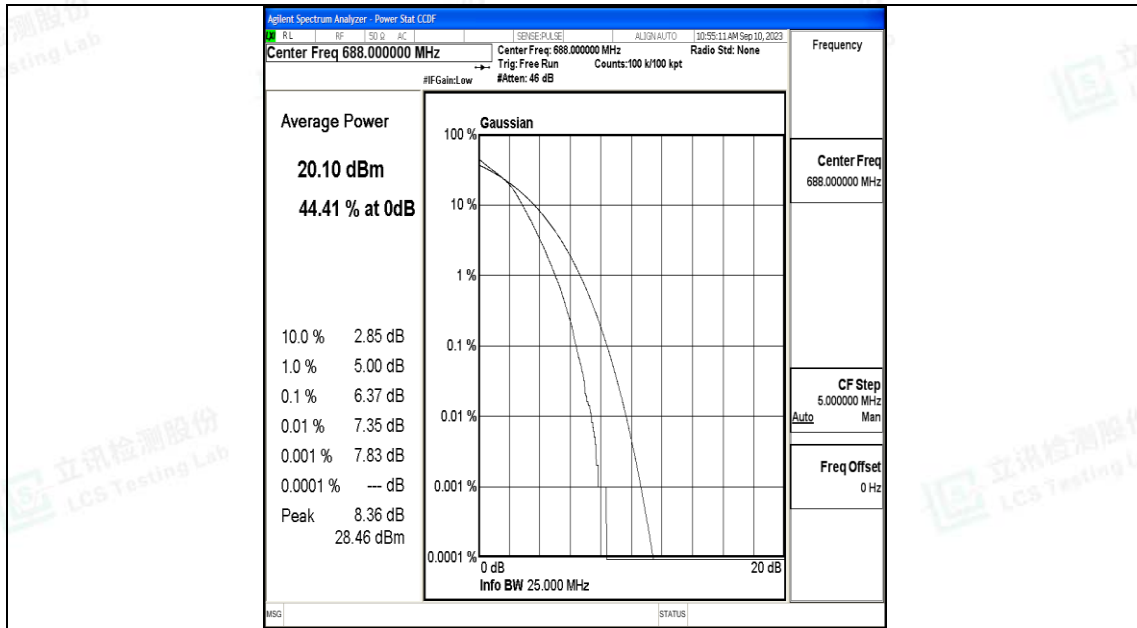
20MHz-133222



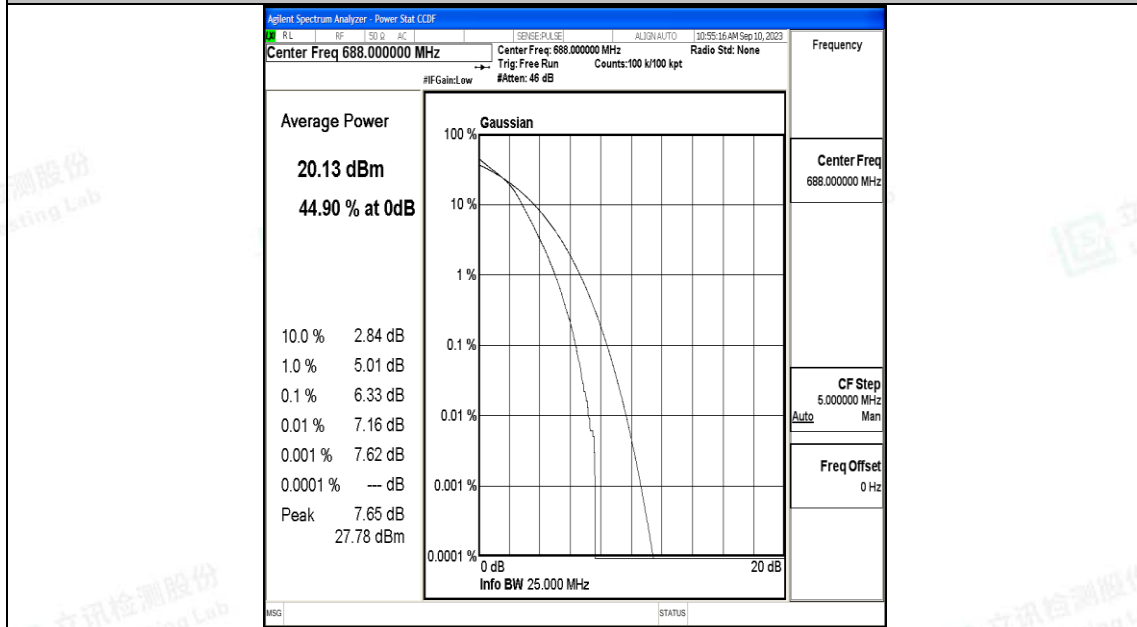
20MHz-133222







20MHz-133372



20MHz-133372





## M.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	4.5263	5.152	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.5027	5.121	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.5180	5.205	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.5152	5.120	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.5408	5.203	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.5191	5.164	PASS
Band71	10MHz	QPSK	133172	50RB#0	9.0031	10.12	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.9967	9.989	PASS
Band71	10MHz	QPSK	133297	50RB#0	9.0096	10.20	PASS
Band71	10MHz	16QAM	133297	50RB#0	9.0005	10.09	PASS
Band71	10MHz	QPSK	133422	50RB#0	9.0039	10.24	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.9944	10.01	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.494	15.23	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.509	15.01	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.525	15.00	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.497	14.94	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.515	15.12	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.508	15.06	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.961	19.55	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.924	19.68	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.968	19.52	PASS
Band71	20MHz	16QAM	133322	100RB#0	17.959	19.79	PASS
Band71	20MHz	QPSK	133372	100RB#0	18.007	19.80	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.984	19.66	PASS



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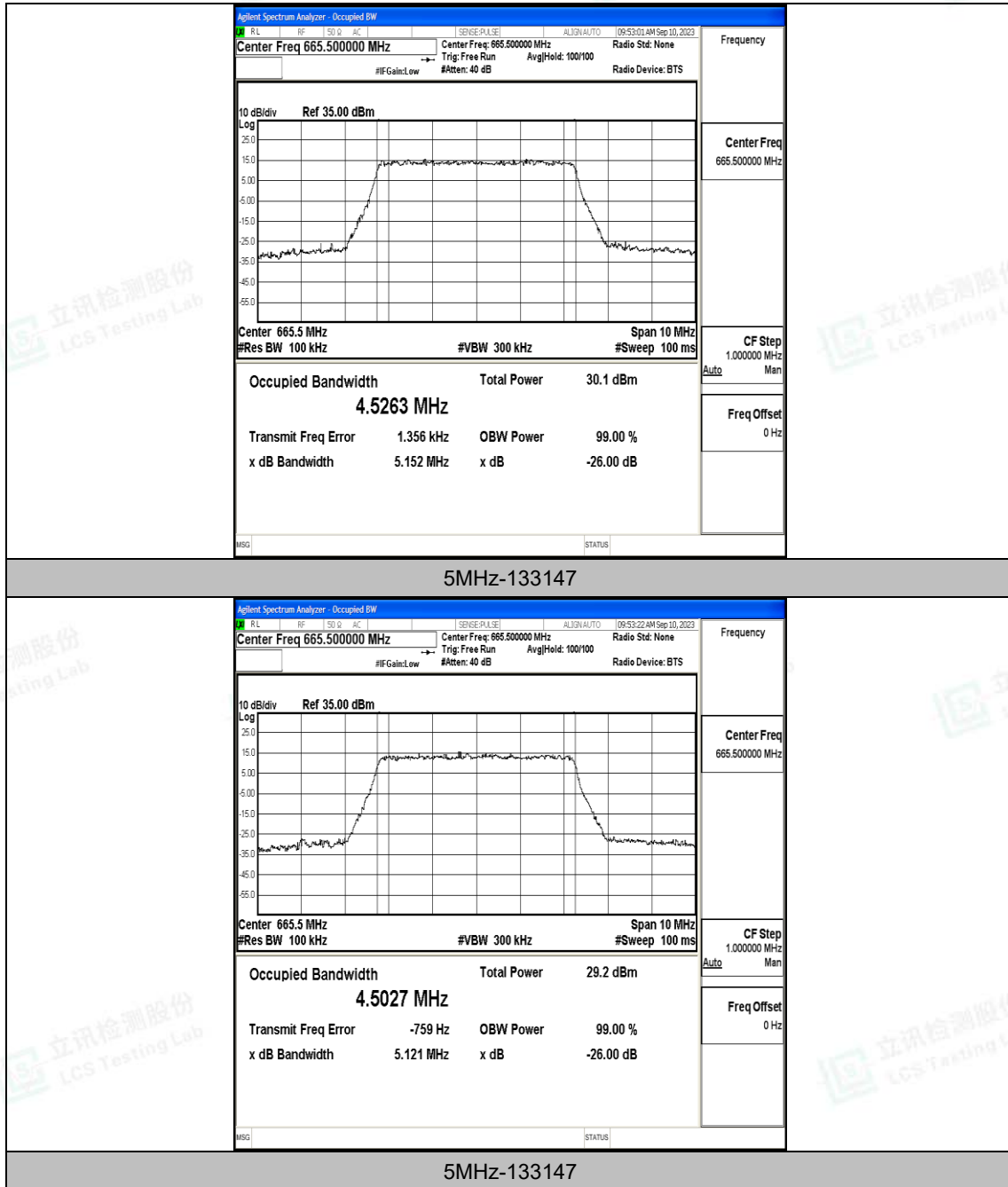
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

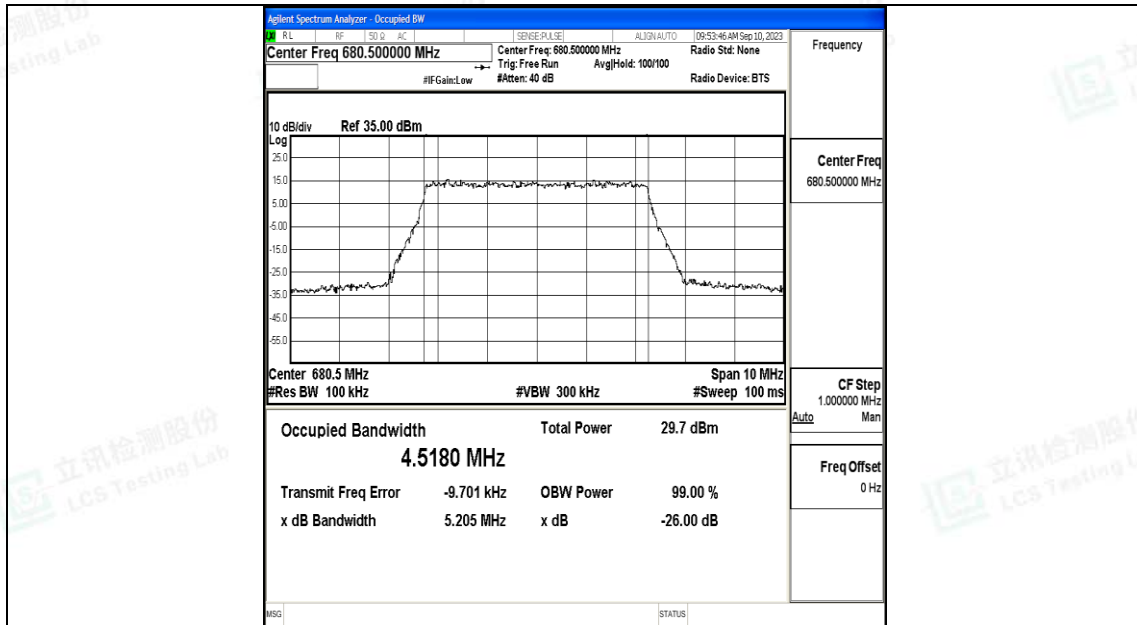
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

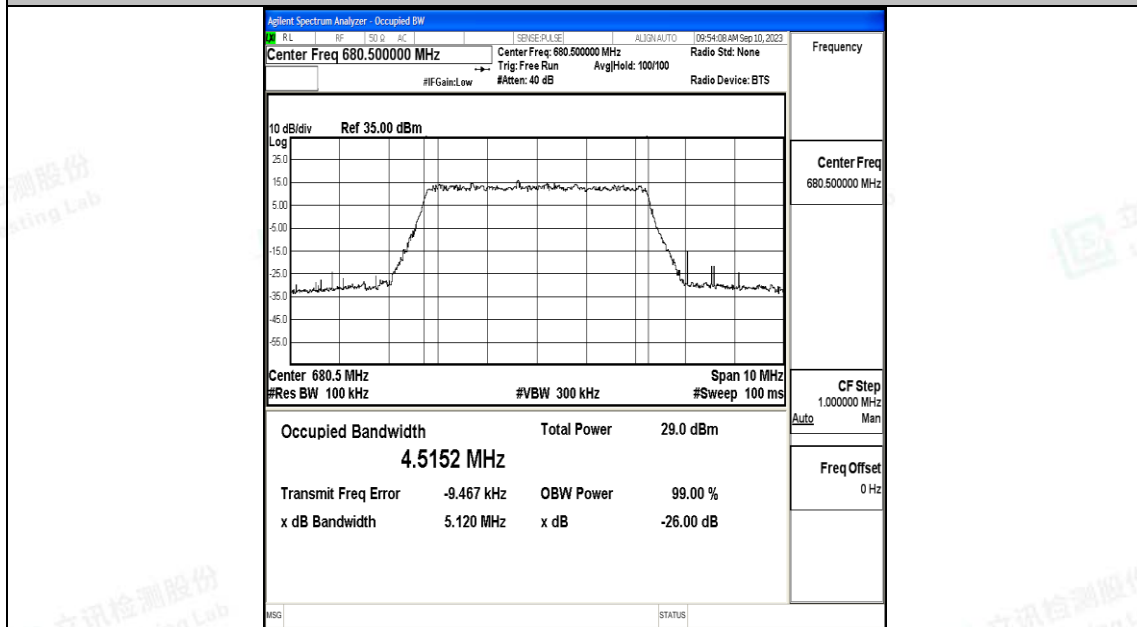


### Test Graphs



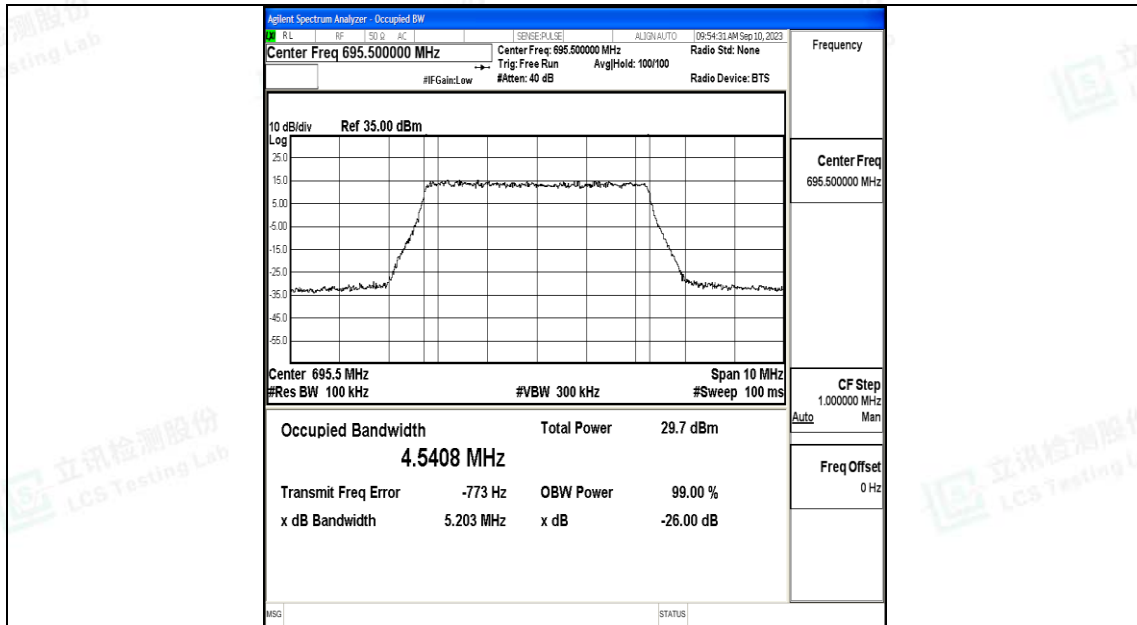


5MHz-133297

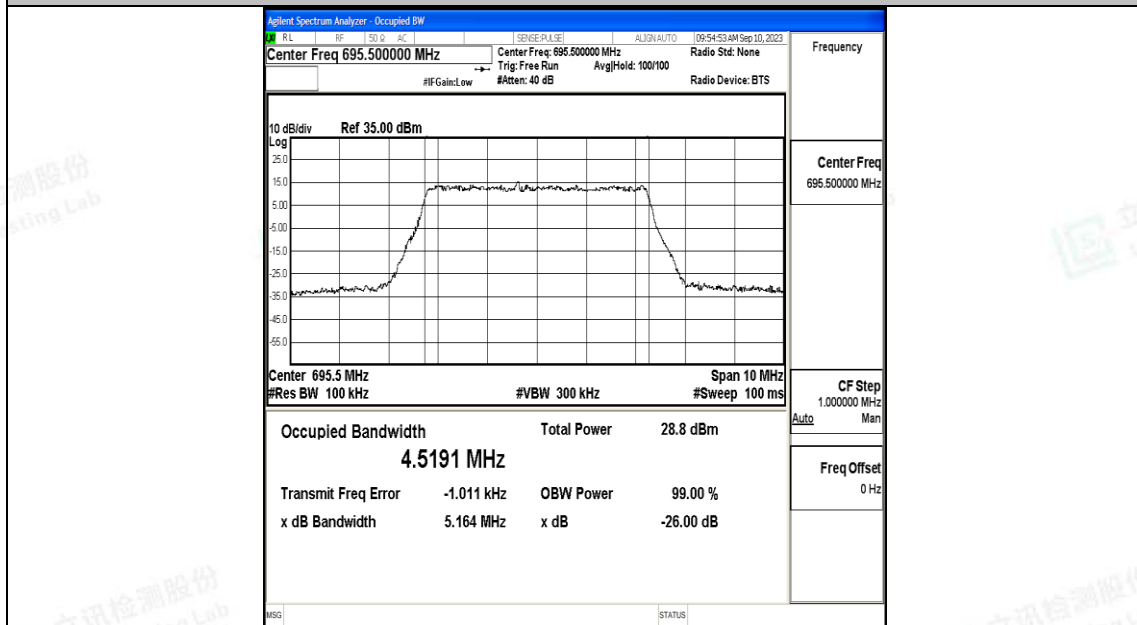


5MHz-133297



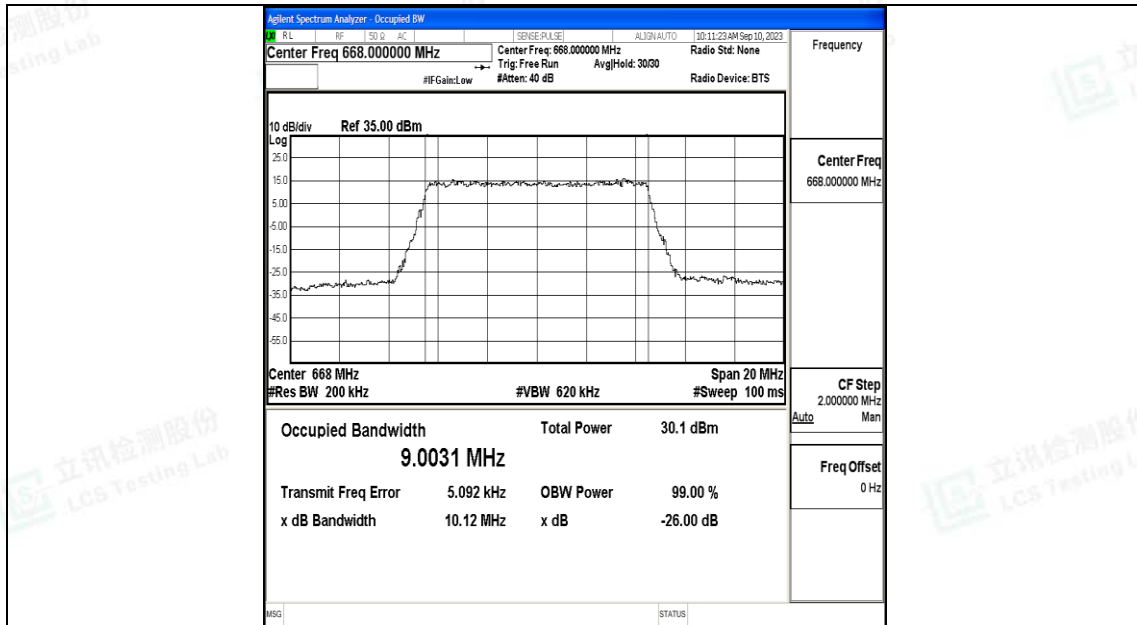


5MHz-133447

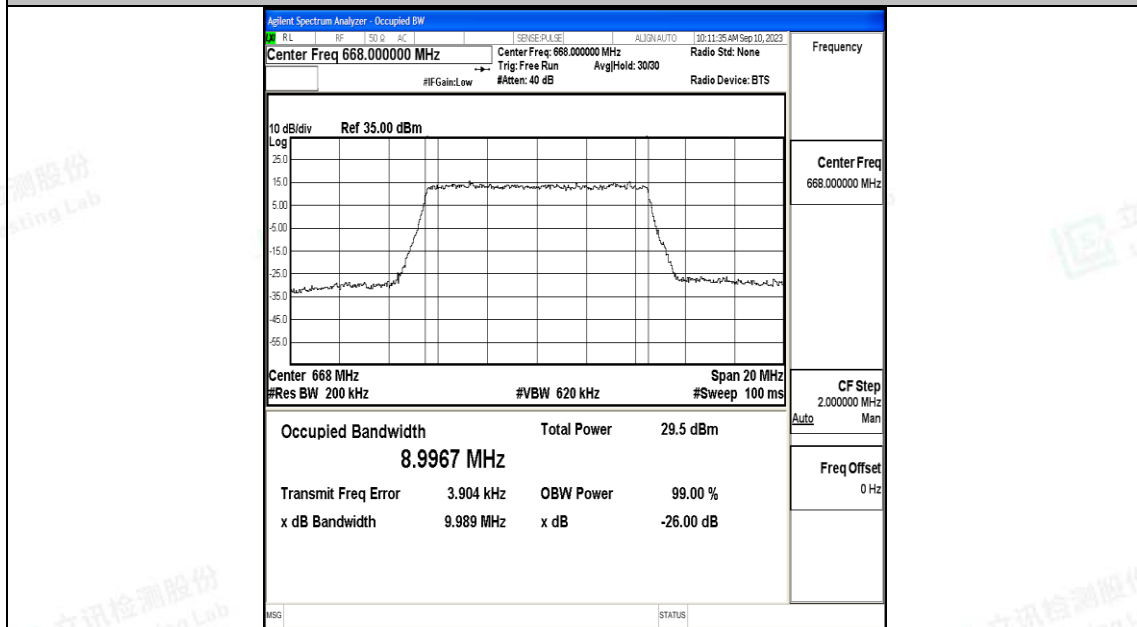


5MHz-133447





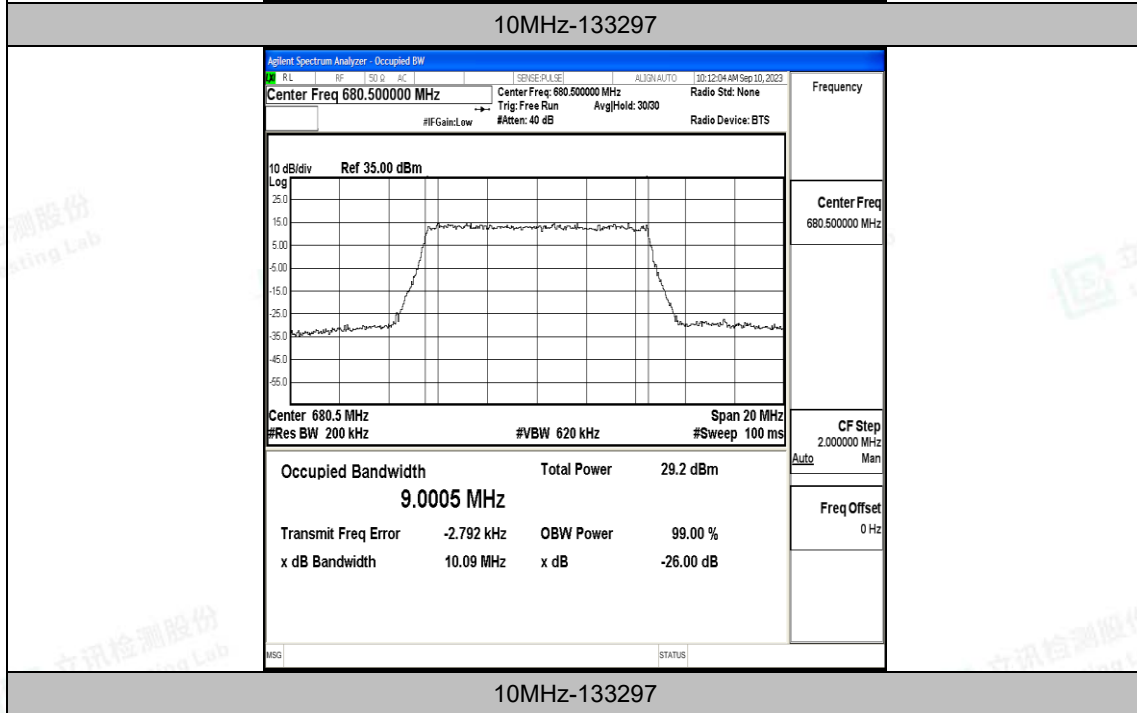
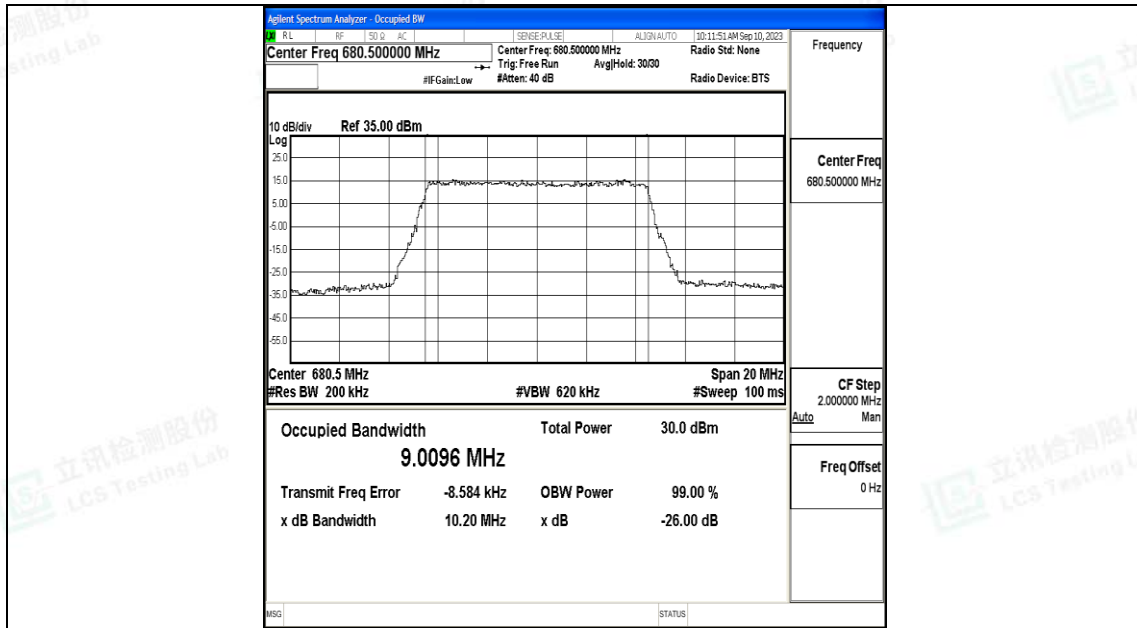
10MHz-133172

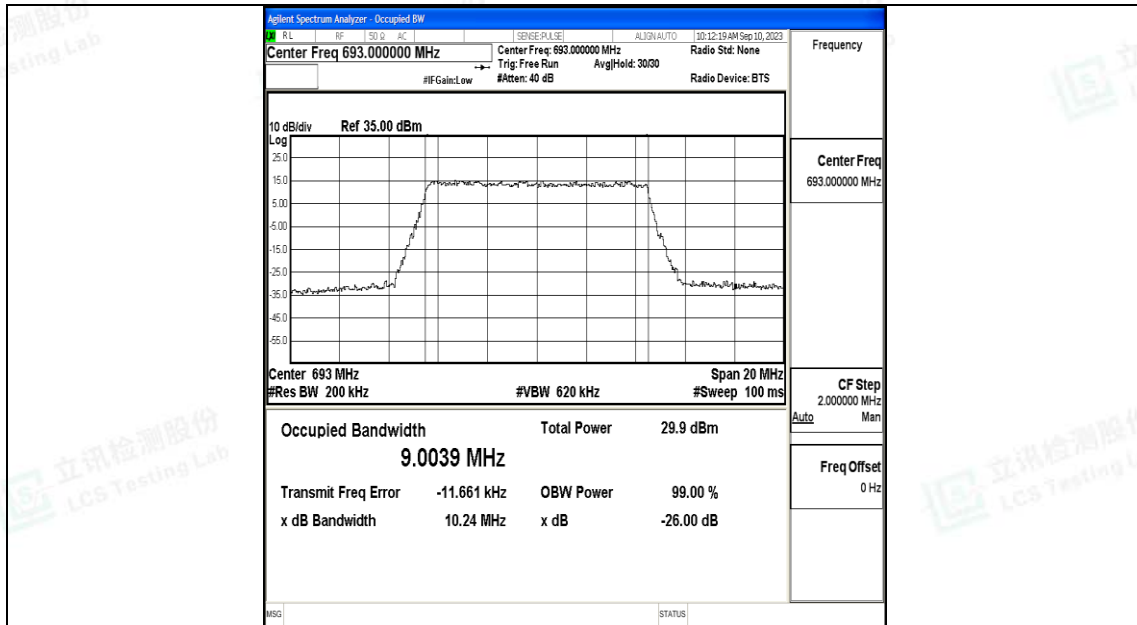


10MHz-133172

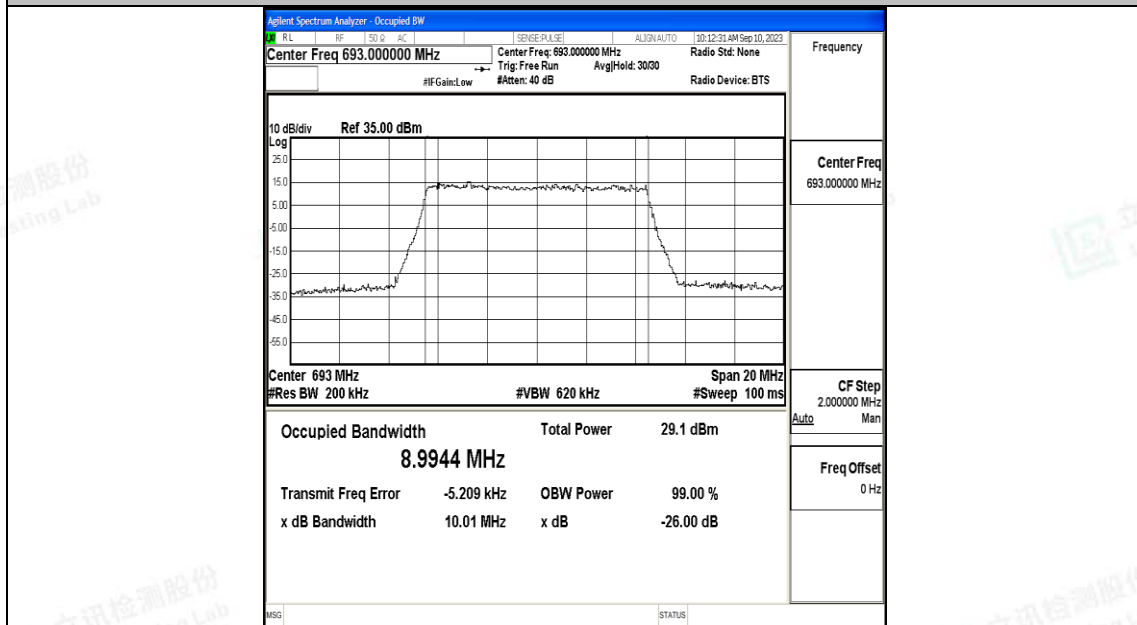






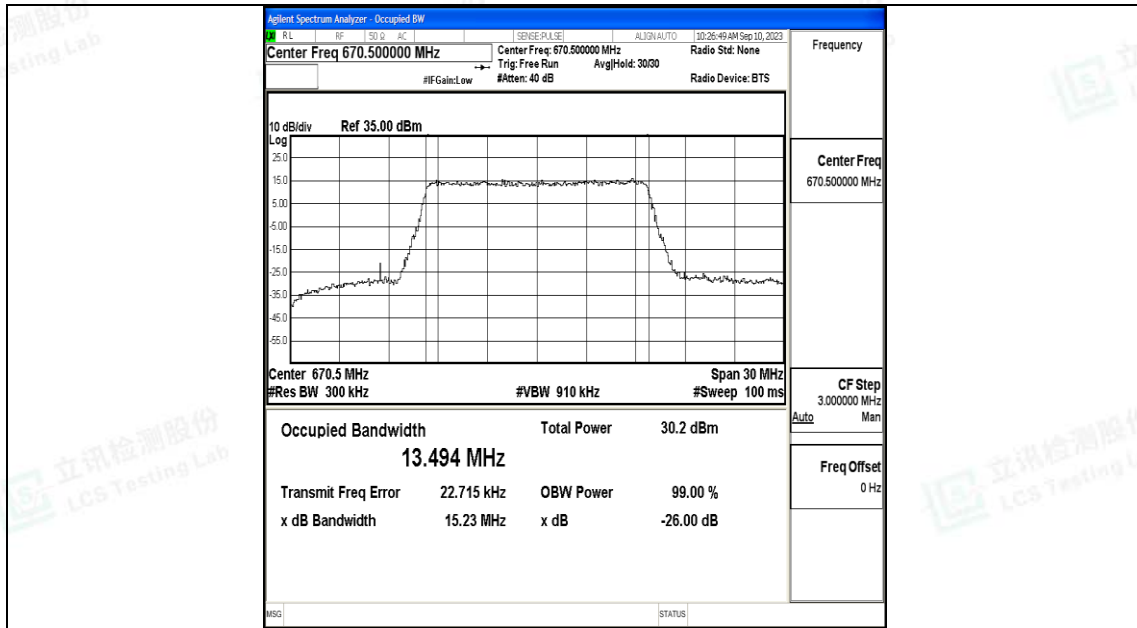


10MHz-133422

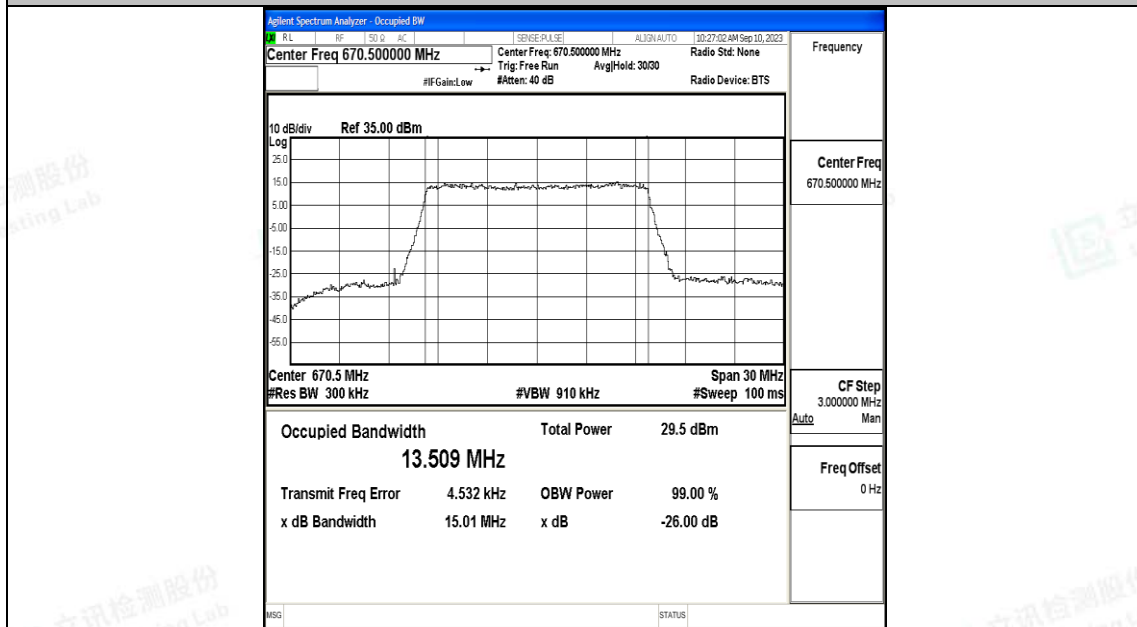


10MHz-133422



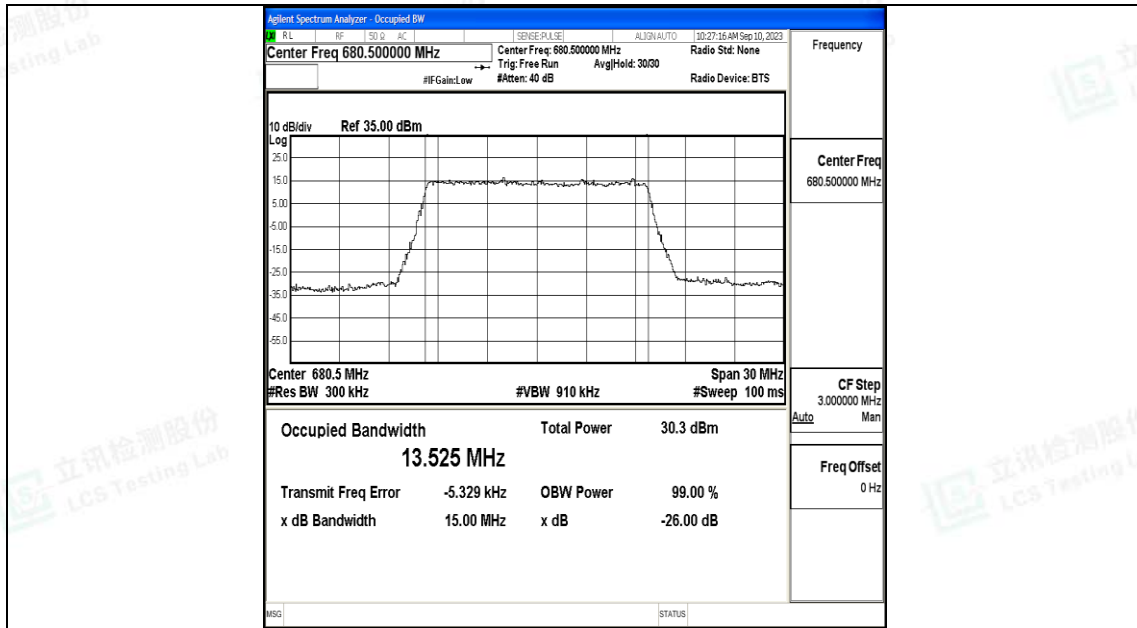


15MHz-133197

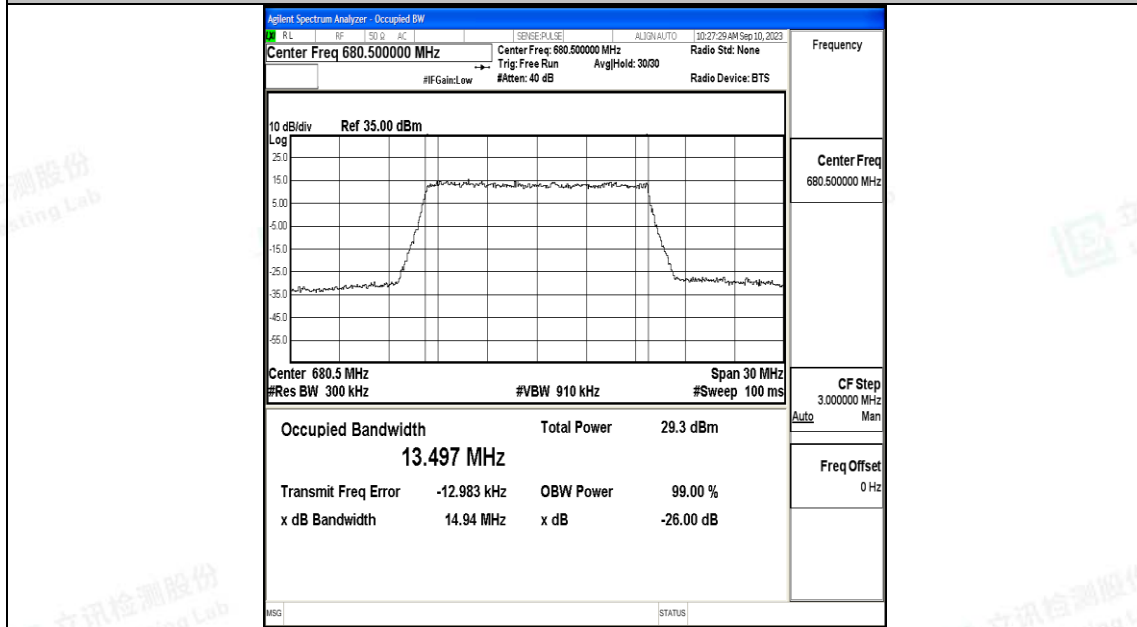


15MHz-133197



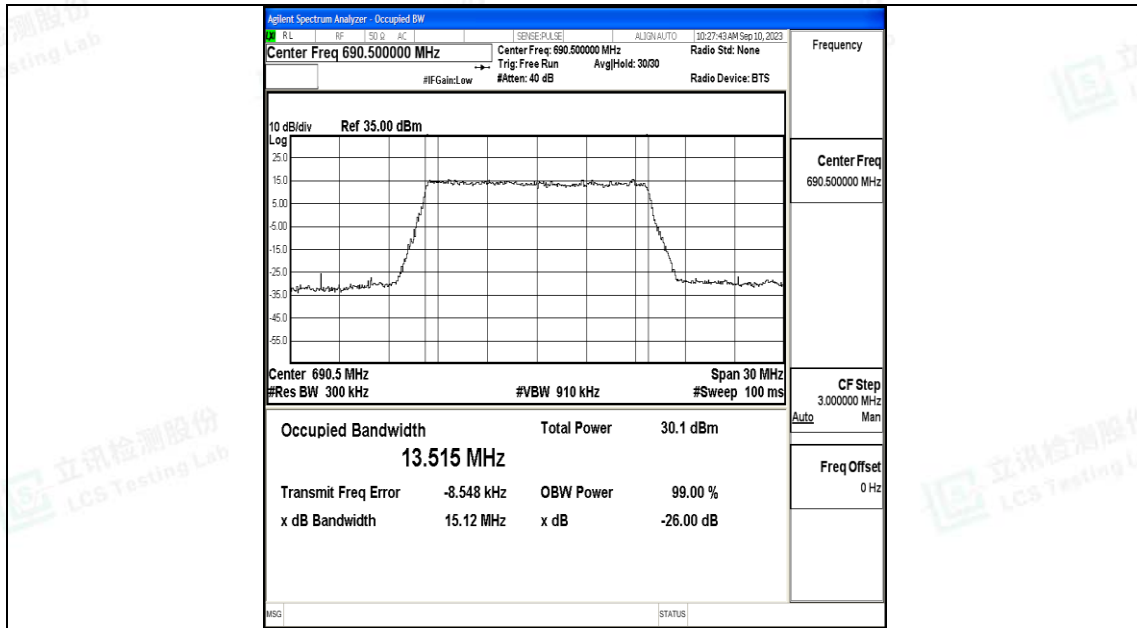


15MHz-133297

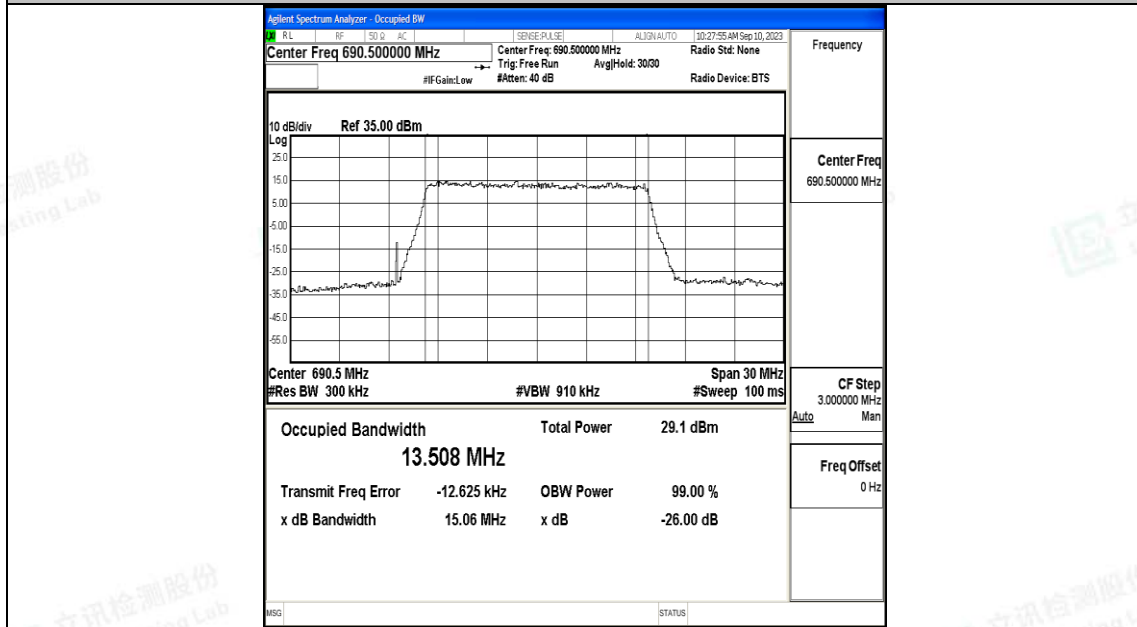


15MHz-133297



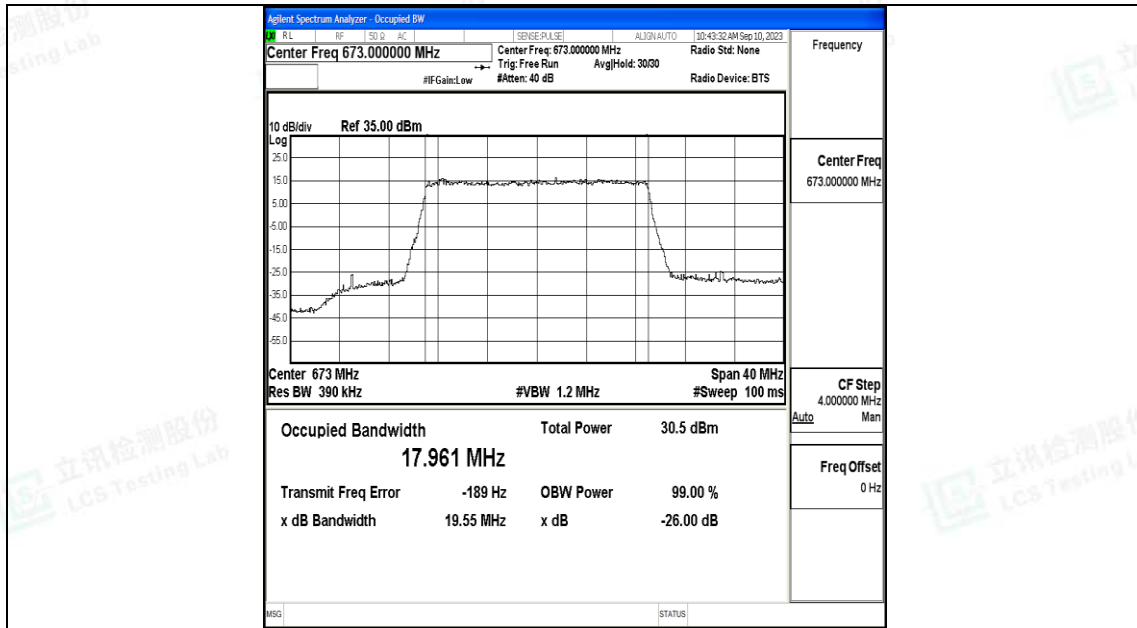


15MHz-133397

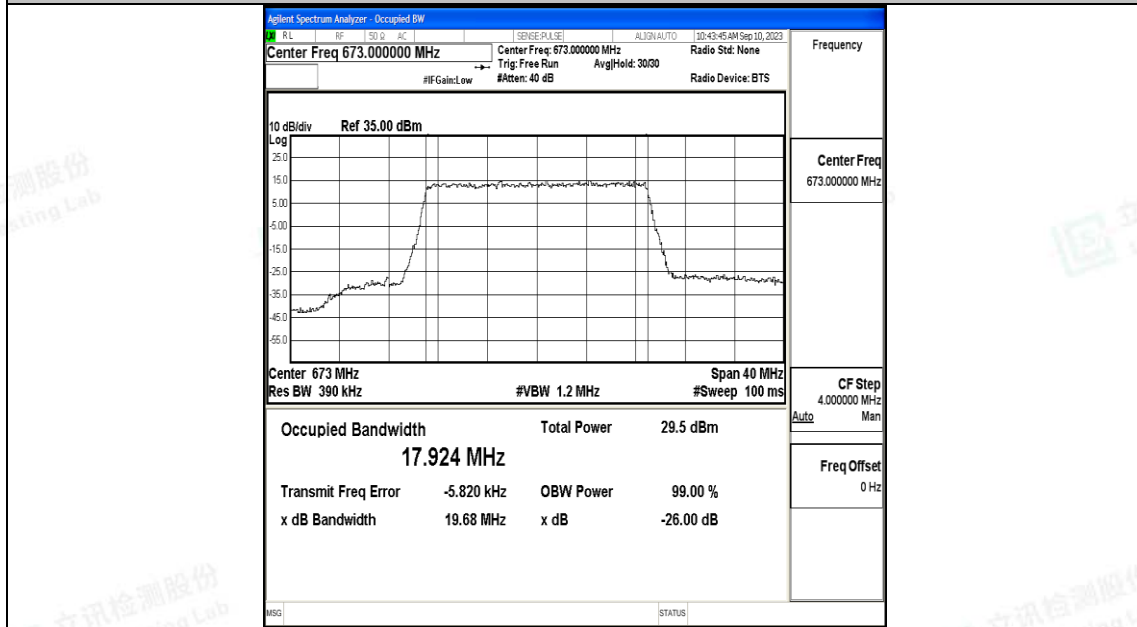


15MHz-133397



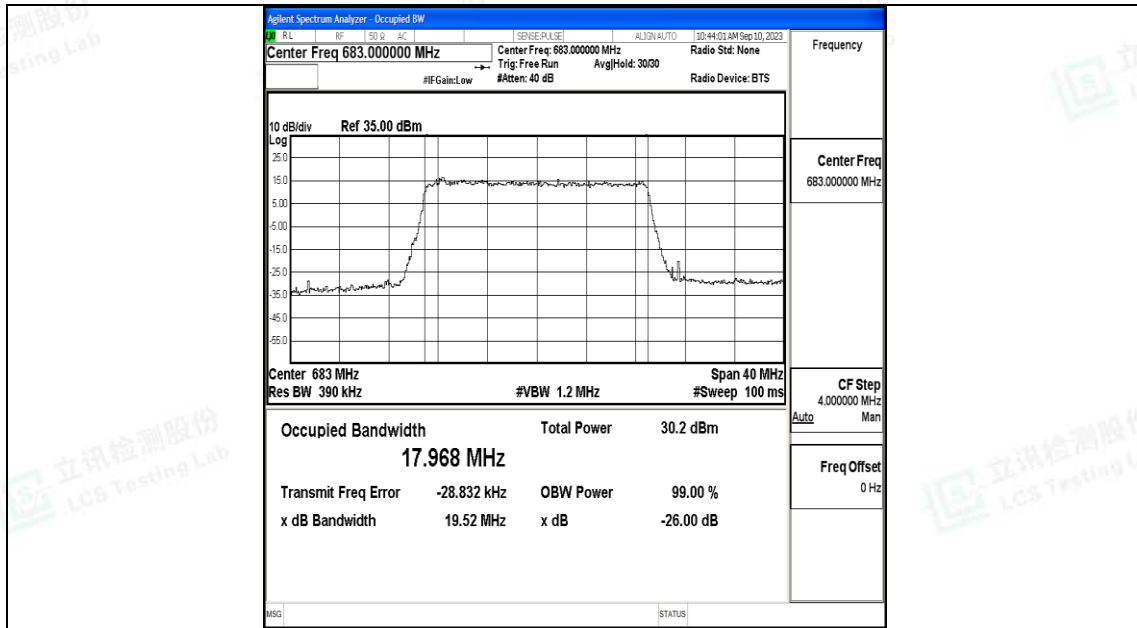


20MHz-133222

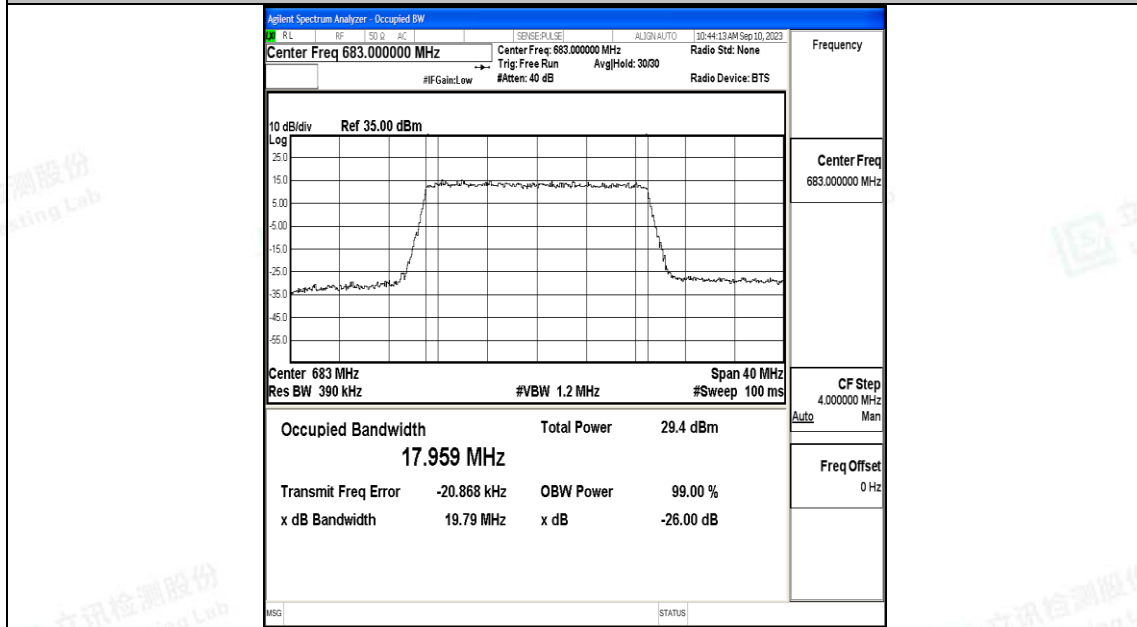


20MHz-133222



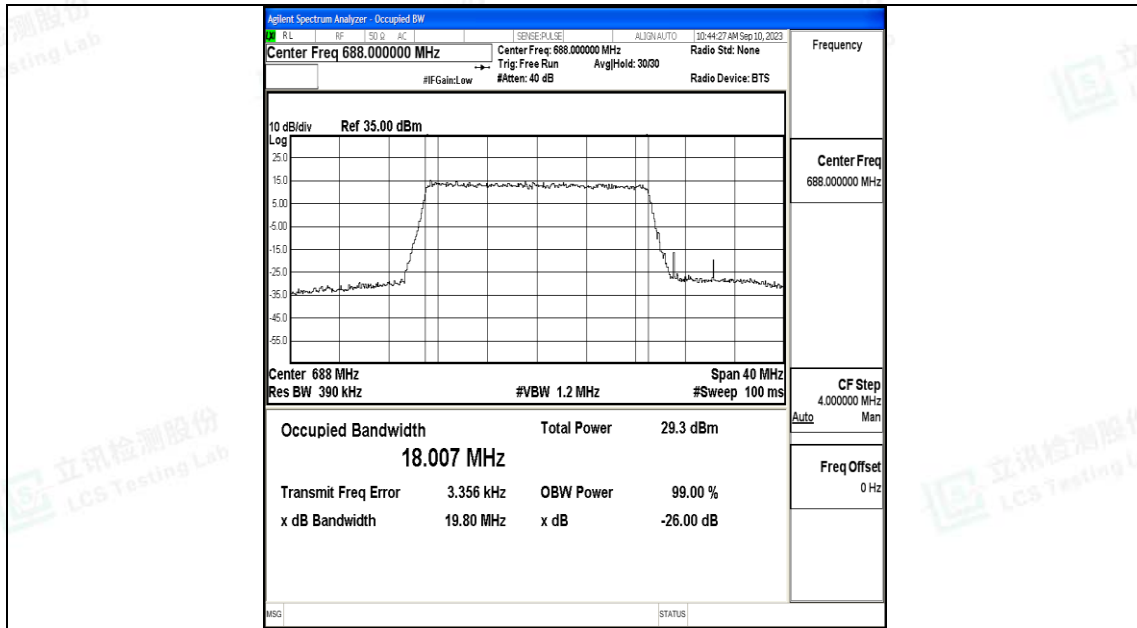


20MHz-133322

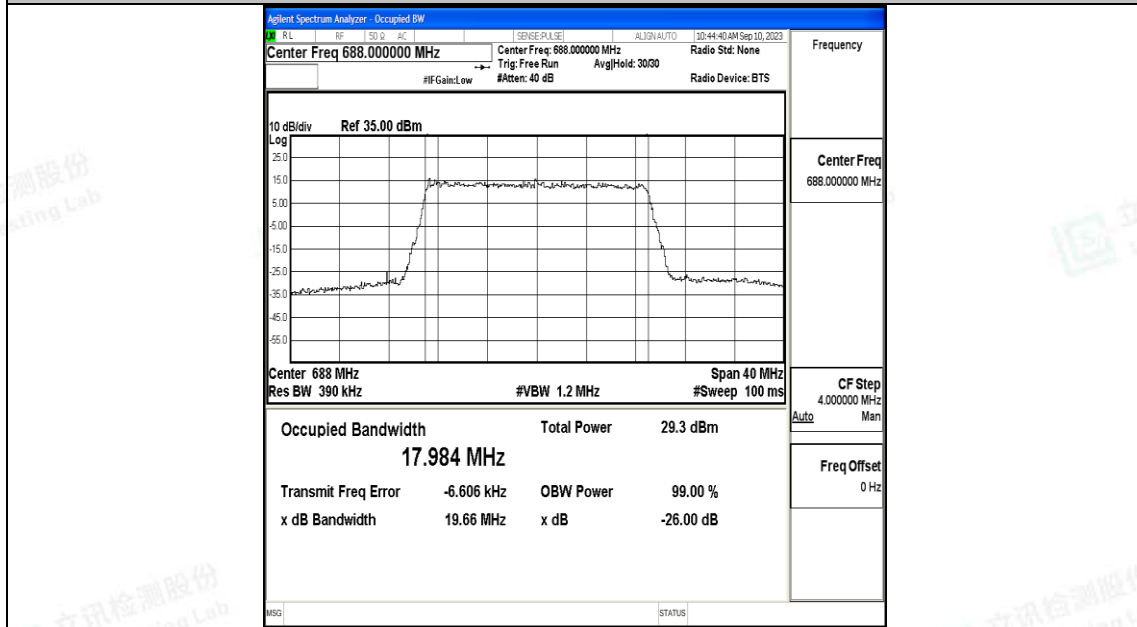


20MHz-133322





20MHz-133372



20MHz-133372





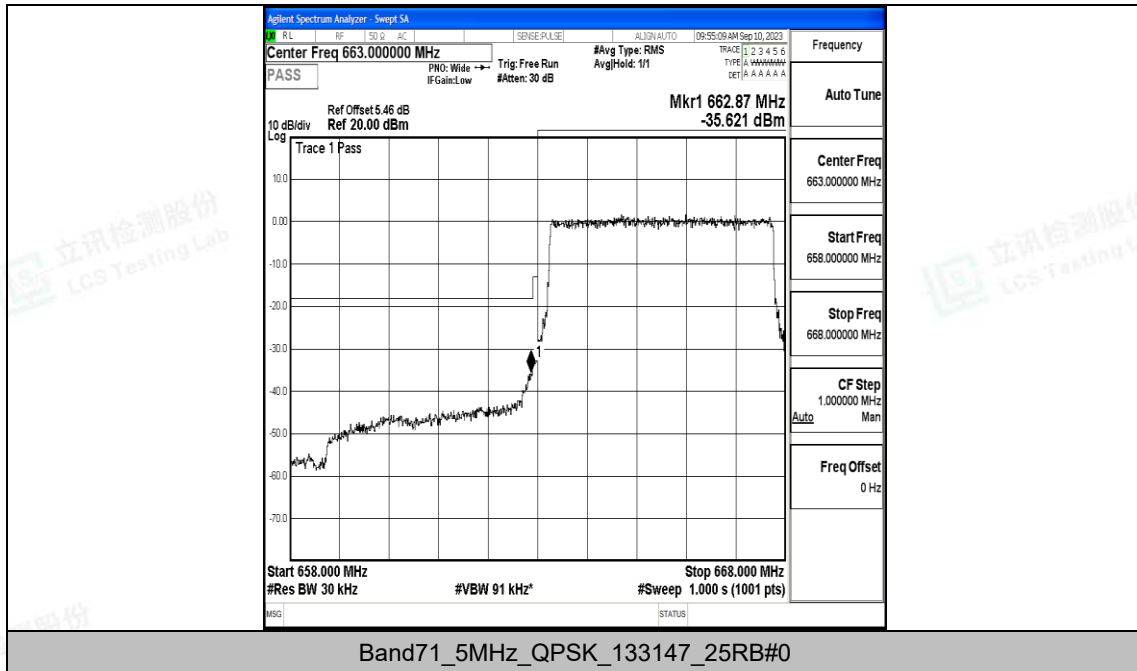


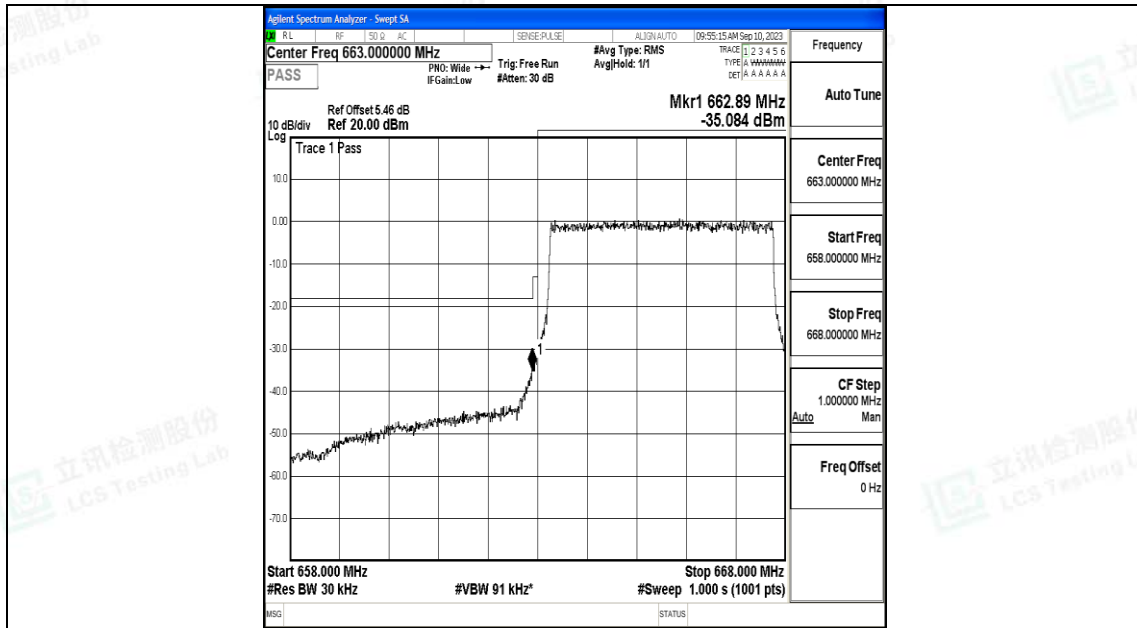
### M.4 Band Edge

#### Test Result

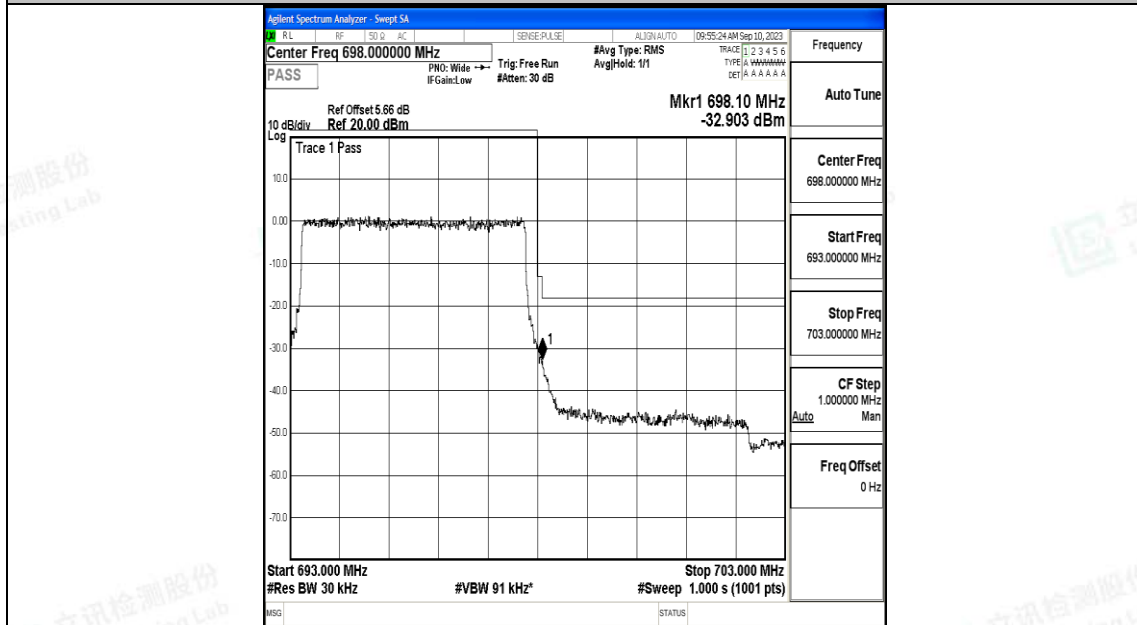
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	662.87	-35.62	PASS
Band71	5MHz	16QAM	133147	25RB#0	662.89	-35.08	PASS
Band71	5MHz	QPSK	133447	25RB#0	698.10	-32.90	PASS
Band71	5MHz	16QAM	133447	25RB#0	698.10	-34.92	PASS
Band71	10MHz	QPSK	133172	50RB#0	662.88	-40.05	PASS
Band71	10MHz	16QAM	133172	50RB#0	662.88	-41.27	PASS
Band71	10MHz	QPSK	133422	50RB#0	698.11	-40.44	PASS
Band71	10MHz	16QAM	133422	50RB#0	698.14	-40.08	PASS
Band71	15MHz	QPSK	133197	75RB#0	662.86	-43.49	PASS
Band71	15MHz	16QAM	133197	75RB#0	662.74	-44.41	PASS
Band71	15MHz	QPSK	133397	75RB#0	698.20	-42.47	PASS
Band71	15MHz	16QAM	133397	75RB#0	698.10	-43.37	PASS
Band71	20MHz	QPSK	133222	100RB#0	662.88	-47.46	PASS
Band71	20MHz	16QAM	133222	100RB#0	662.88	-47.85	PASS
Band71	20MHz	QPSK	133372	100RB#0	698.25	-45.18	PASS
Band71	20MHz	16QAM	133372	100RB#0	698.13	-45.37	PASS

#### Test Graphs



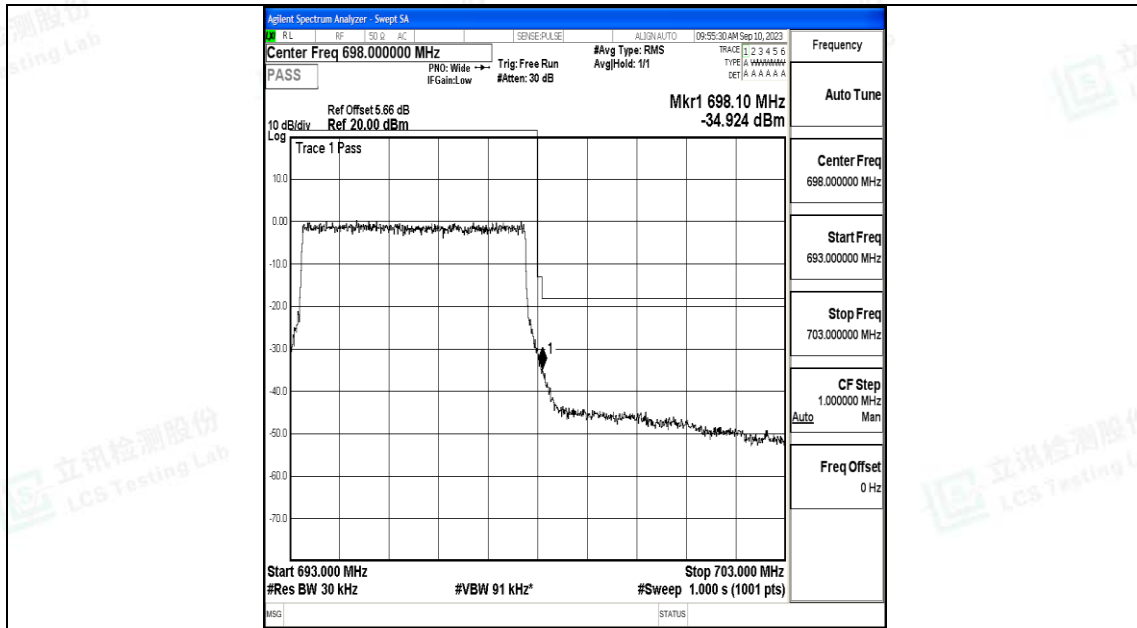


Band71\_5MHz\_16QAM\_133147\_25RB#0

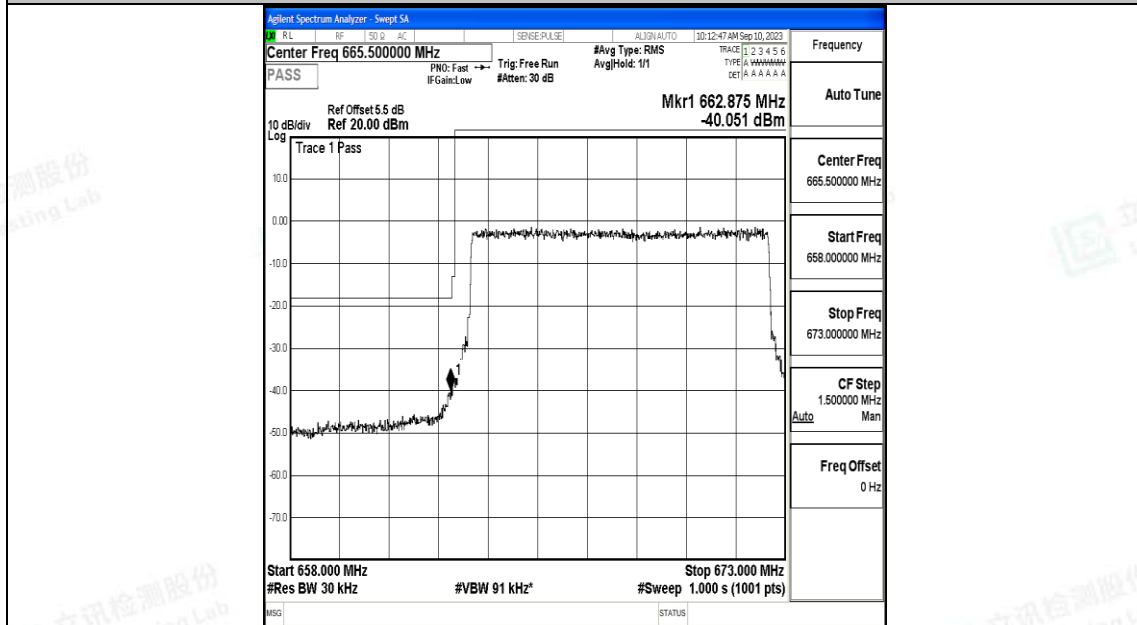


Band71\_5MHz\_QPSK\_133447\_25RB#0



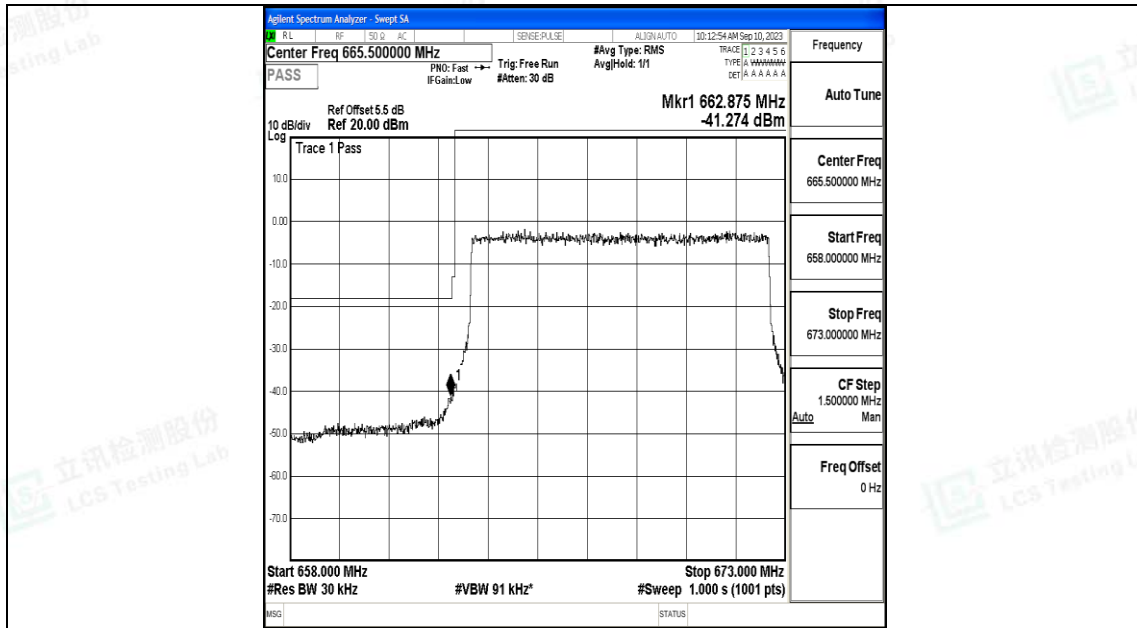


Band71\_5MHz\_16QAM\_133447\_25RB#0

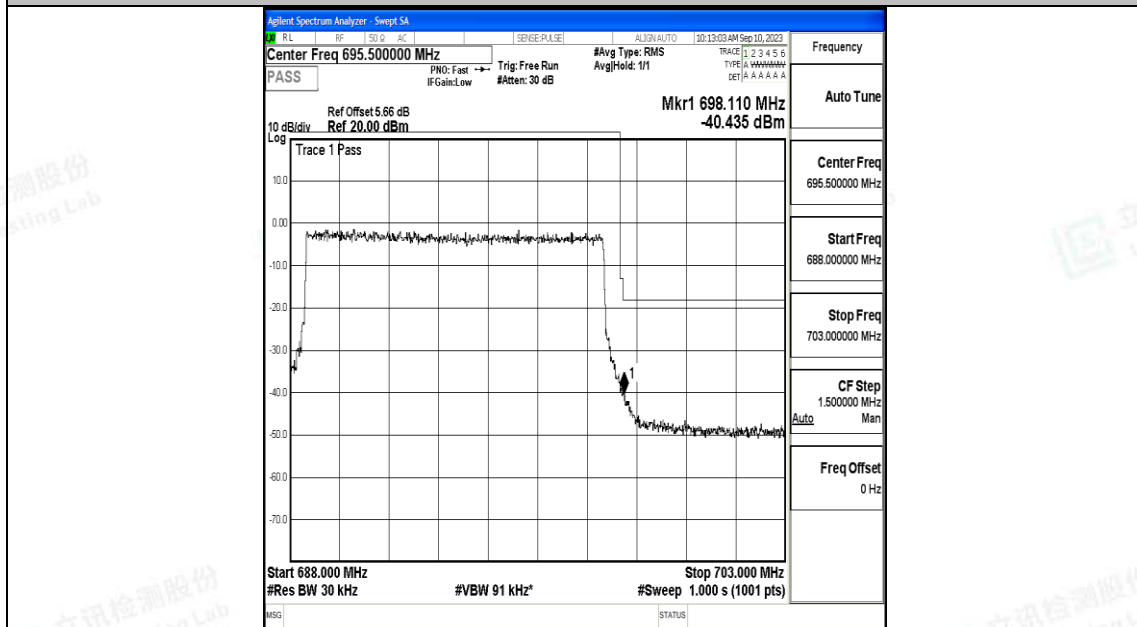


Band71\_10MHz\_QPSK\_133172\_50RB#0



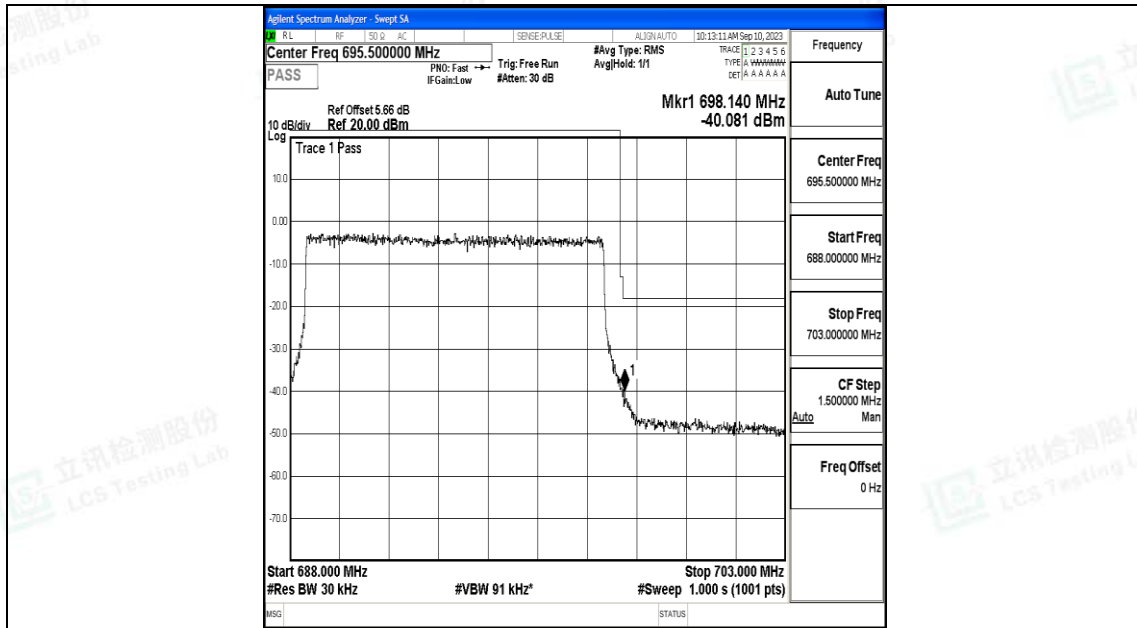


Band71\_10MHz\_16QAM\_133172\_50RB#0

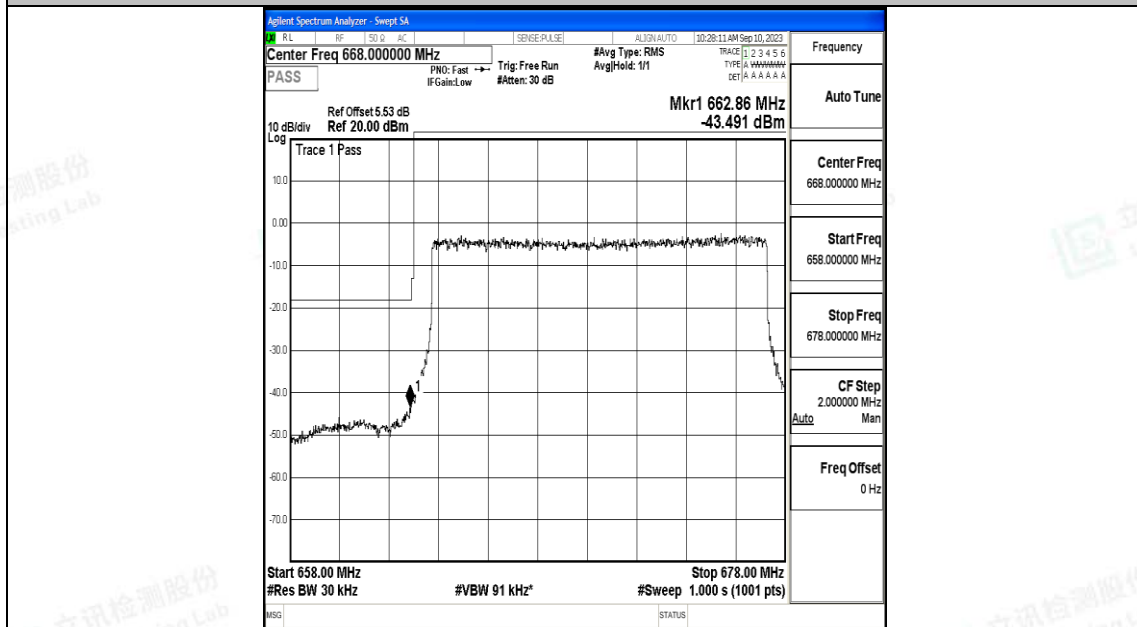


Band71\_10MHz\_QPSK\_133422\_50RB#0



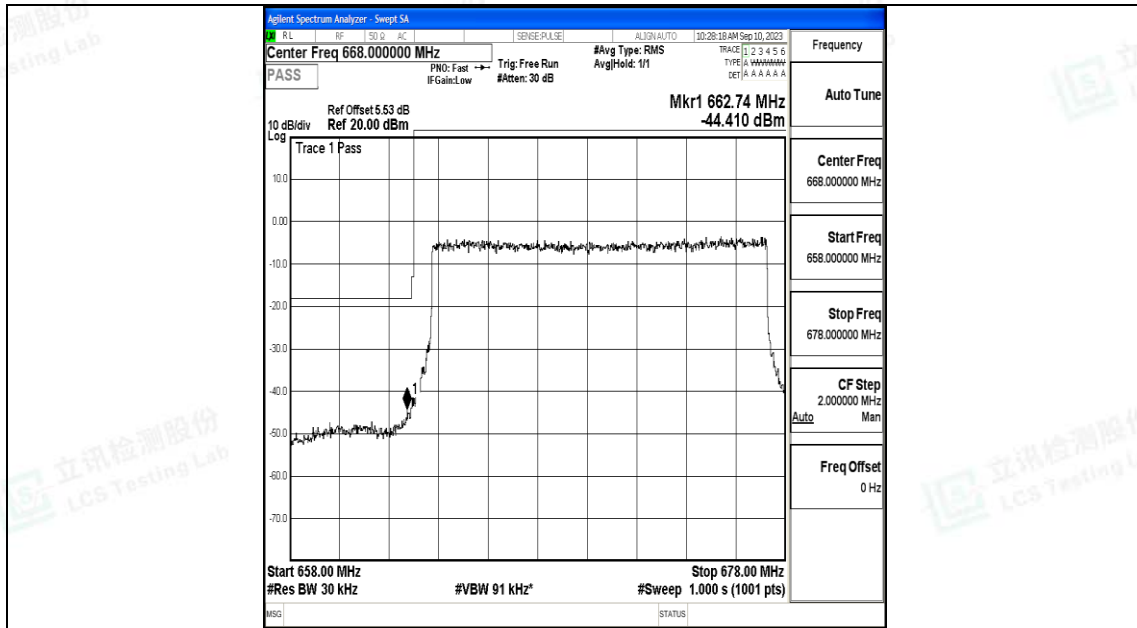


Band71\_10MHz\_16QAM\_133422\_50RB#0

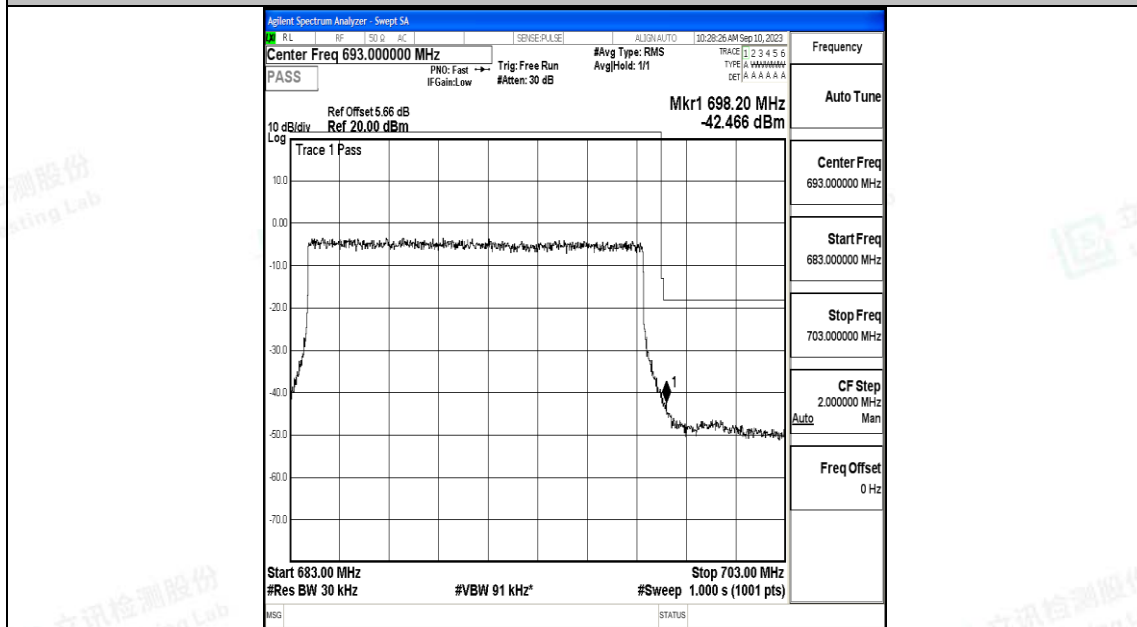


Band71\_15MHz\_QPSK\_133197\_75RB#0



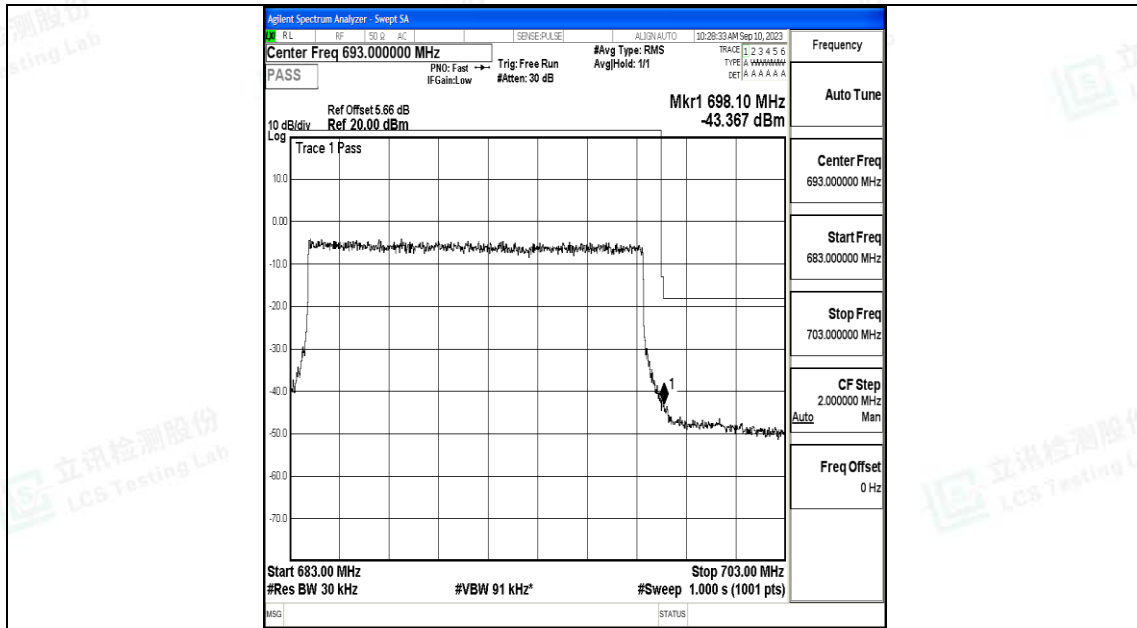


Band71\_15MHz\_16QAM\_133197\_75RB#0

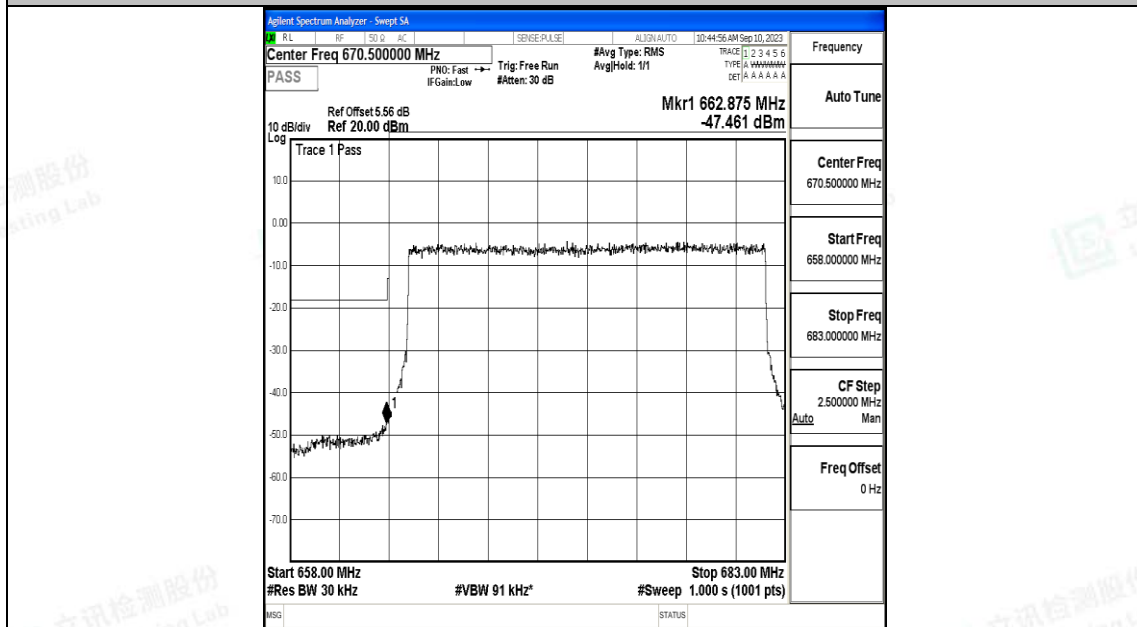


Band71\_15MHz\_QPSK\_133397\_75RB#0



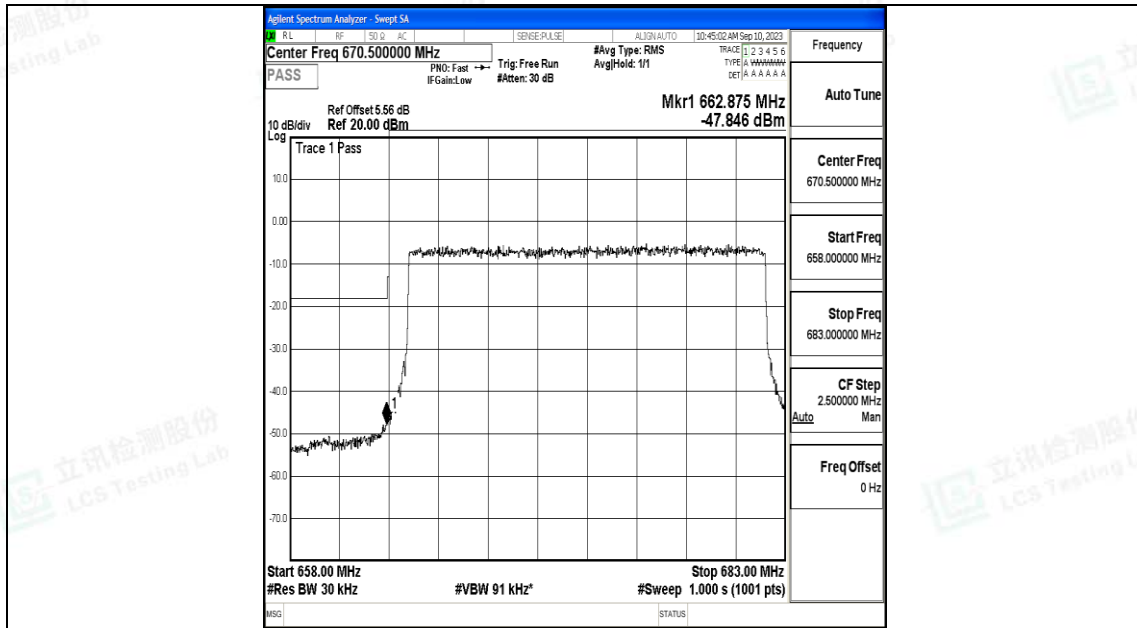


Band71\_15MHz\_16QAM\_133397\_75RB#0

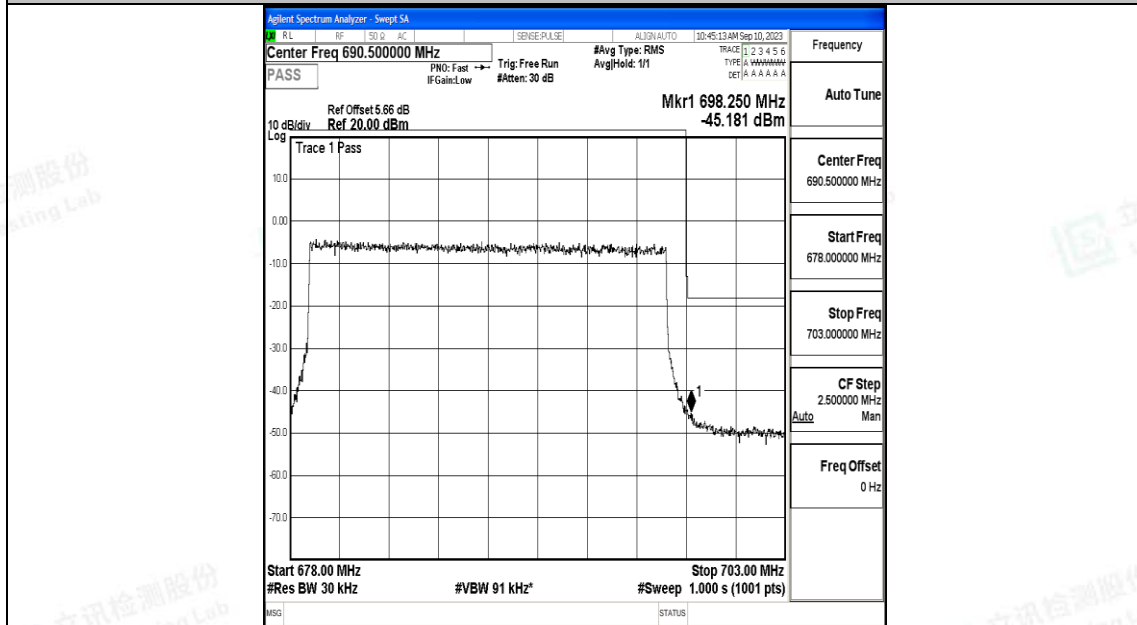


Band71\_20MHz\_QPSK\_133222\_100RB#0





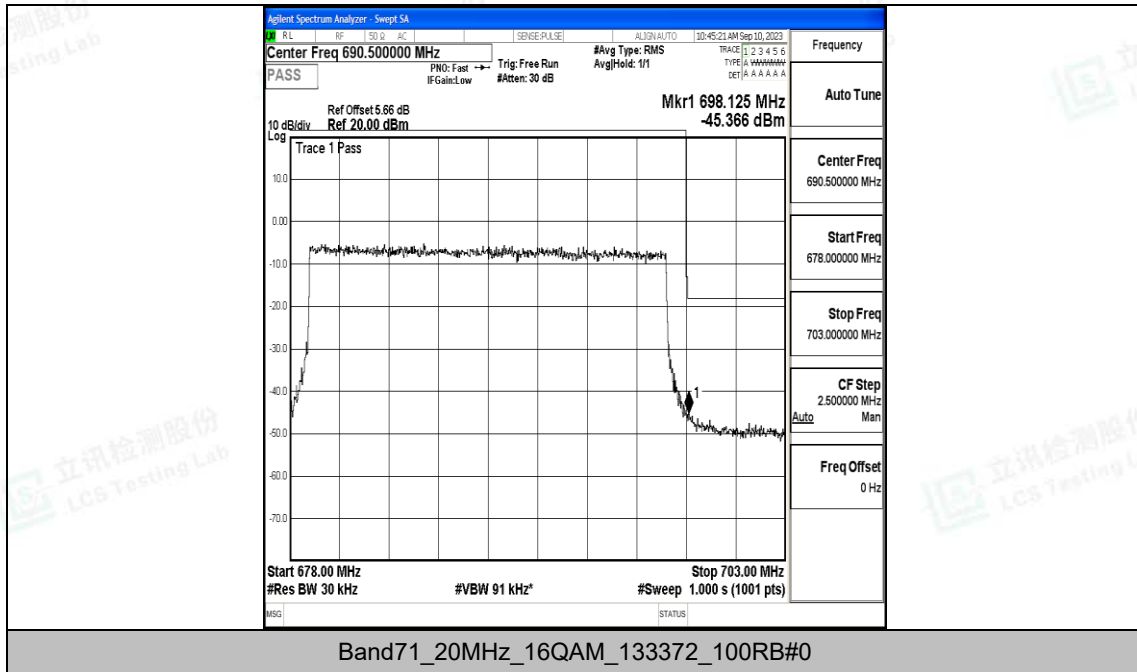
Band71\_20MHz\_16QAM\_133222\_100RB#0



Band71\_20MHz\_QPSK\_133372\_100RB#0









## M.5 Conducted Spurious Emission

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	0.009~0.15	-55.77	PASS
Band71	5MHz	QPSK	133147	1RB#0	0.15~30	-53.03	PASS
Band71	5MHz	QPSK	133147	1RB#0	30~1000	-60.07	PASS
Band71	5MHz	QPSK	133147	1RB#0	1000~3000	-46.98	PASS
Band71	5MHz	QPSK	133147	1RB#0	3000~10000	-45.70	PASS
Band71	5MHz	16QAM	133147	1RB#0	0.009~0.15	-55.47	PASS
Band71	5MHz	16QAM	133147	1RB#0	0.15~30	-55.47	PASS
Band71	5MHz	16QAM	133147	1RB#0	30~1000	-62.47	PASS
Band71	5MHz	16QAM	133147	1RB#0	1000~3000	-46.78	PASS
Band71	5MHz	16QAM	133147	1RB#0	3000~10000	-45.54	PASS
Band71	5MHz	QPSK	133297	1RB#0	0.009~0.15	-55.85	PASS
Band71	5MHz	QPSK	133297	1RB#0	0.15~30	-52.96	PASS
Band71	5MHz	QPSK	133297	1RB#0	30~1000	-63.26	PASS
Band71	5MHz	QPSK	133297	1RB#0	1000~3000	-47.71	PASS
Band71	5MHz	QPSK	133297	1RB#0	3000~10000	-45.76	PASS
Band71	5MHz	16QAM	133297	1RB#0	0.009~0.15	-56.75	PASS
Band71	5MHz	16QAM	133297	1RB#0	0.15~30	-52.09	PASS
Band71	5MHz	16QAM	133297	1RB#0	30~1000	-63.67	PASS
Band71	5MHz	16QAM	133297	1RB#0	1000~3000	-47.91	PASS
Band71	5MHz	16QAM	133297	1RB#0	3000~10000	-45.23	PASS
Band71	5MHz	QPSK	133447	1RB#0	0.009~0.15	-57.92	PASS
Band71	5MHz	QPSK	133447	1RB#0	0.15~30	-53.90	PASS
Band71	5MHz	QPSK	133447	1RB#0	30~1000	-63.51	PASS
Band71	5MHz	QPSK	133447	1RB#0	1000~3000	-46.61	PASS
Band71	5MHz	QPSK	133447	1RB#0	3000~10000	-45.62	PASS
Band71	5MHz	16QAM	133447	1RB#0	0.009~0.15	-58.07	PASS
Band71	5MHz	16QAM	133447	1RB#0	0.15~30	-52.70	PASS
Band71	5MHz	16QAM	133447	1RB#0	30~1000	-63.60	PASS
Band71	5MHz	16QAM	133447	1RB#0	1000~3000	-46.05	PASS
Band71	5MHz	16QAM	133447	1RB#0	3000~10000	-45.34	PASS
Band71	10MHz	QPSK	133172	1RB#0	0.009~0.15	-56.98	PASS
Band71	10MHz	QPSK	133172	1RB#0	0.15~30	-54.00	PASS
Band71	10MHz	QPSK	133172	1RB#0	30~1000	-63.11	PASS
Band71	10MHz	QPSK	133172	1RB#0	1000~3000	-47.25	PASS
Band71	10MHz	QPSK	133172	1RB#0	3000~10000	-45.71	PASS



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Scan code to check authenticity



Band71	10MHz	16QAM	133172	1RB#0	0.009~0.15	-56.13	PASS
Band71	10MHz	16QAM	133172	1RB#0	0.15~30	-56.78	PASS
Band71	10MHz	16QAM	133172	1RB#0	30~1000	-62.69	PASS
Band71	10MHz	16QAM	133172	1RB#0	1000~3000	-46.87	PASS
Band71	10MHz	16QAM	133172	1RB#0	3000~10000	-45.50	PASS
Band71	10MHz	QPSK	133297	1RB#0	0.009~0.15	-57.57	PASS
Band71	10MHz	QPSK	133297	1RB#0	0.15~30	-55.07	PASS
Band71	10MHz	QPSK	133297	1RB#0	30~1000	-63.80	PASS
Band71	10MHz	QPSK	133297	1RB#0	1000~3000	-47.02	PASS
Band71	10MHz	QPSK	133297	1RB#0	3000~10000	-45.53	PASS
Band71	10MHz	16QAM	133297	1RB#0	0.009~0.15	-56.32	PASS
Band71	10MHz	16QAM	133297	1RB#0	0.15~30	-56.06	PASS
Band71	10MHz	16QAM	133297	1RB#0	30~1000	-63.41	PASS
Band71	10MHz	16QAM	133297	1RB#0	1000~3000	-48.02	PASS
Band71	10MHz	16QAM	133297	1RB#0	3000~10000	-45.28	PASS
Band71	10MHz	QPSK	133422	1RB#0	0.009~0.15	-56.25	PASS
Band71	10MHz	QPSK	133422	1RB#0	0.15~30	-53.24	PASS
Band71	10MHz	QPSK	133422	1RB#0	30~1000	-63.68	PASS
Band71	10MHz	QPSK	133422	1RB#0	1000~3000	-44.55	PASS
Band71	10MHz	QPSK	133422	1RB#0	3000~10000	-45.76	PASS
Band71	10MHz	16QAM	133422	1RB#0	0.009~0.15	-59.97	PASS
Band71	10MHz	16QAM	133422	1RB#0	0.15~30	-53.70	PASS
Band71	10MHz	16QAM	133422	1RB#0	30~1000	-63.86	PASS
Band71	10MHz	16QAM	133422	1RB#0	1000~3000	-43.36	PASS
Band71	10MHz	16QAM	133422	1RB#0	3000~10000	-45.46	PASS
Band71	15MHz	QPSK	133197	1RB#0	0.009~0.15	-56.53	PASS
Band71	15MHz	QPSK	133197	1RB#0	0.15~30	-53.93	PASS
Band71	15MHz	QPSK	133197	1RB#0	30~1000	-63.54	PASS
Band71	15MHz	QPSK	133197	1RB#0	1000~3000	-48.36	PASS
Band71	15MHz	QPSK	133197	1RB#0	3000~10000	-45.89	PASS
Band71	15MHz	16QAM	133197	1RB#0	0.009~0.15	-56.54	PASS
Band71	15MHz	16QAM	133197	1RB#0	0.15~30	-52.29	PASS
Band71	15MHz	16QAM	133197	1RB#0	30~1000	-63.61	PASS
Band71	15MHz	16QAM	133197	1RB#0	1000~3000	-48.99	PASS
Band71	15MHz	16QAM	133197	1RB#0	3000~10000	-45.79	PASS
Band71	15MHz	QPSK	133297	1RB#0	0.009~0.15	-57.88	PASS
Band71	15MHz	QPSK	133297	1RB#0	0.15~30	-54.90	PASS
Band71	15MHz	QPSK	133297	1RB#0	30~1000	-63.43	PASS
Band71	15MHz	QPSK	133297	1RB#0	1000~3000	-44.31	PASS
Band71	15MHz	QPSK	133297	1RB#0	3000~10000	-45.81	PASS





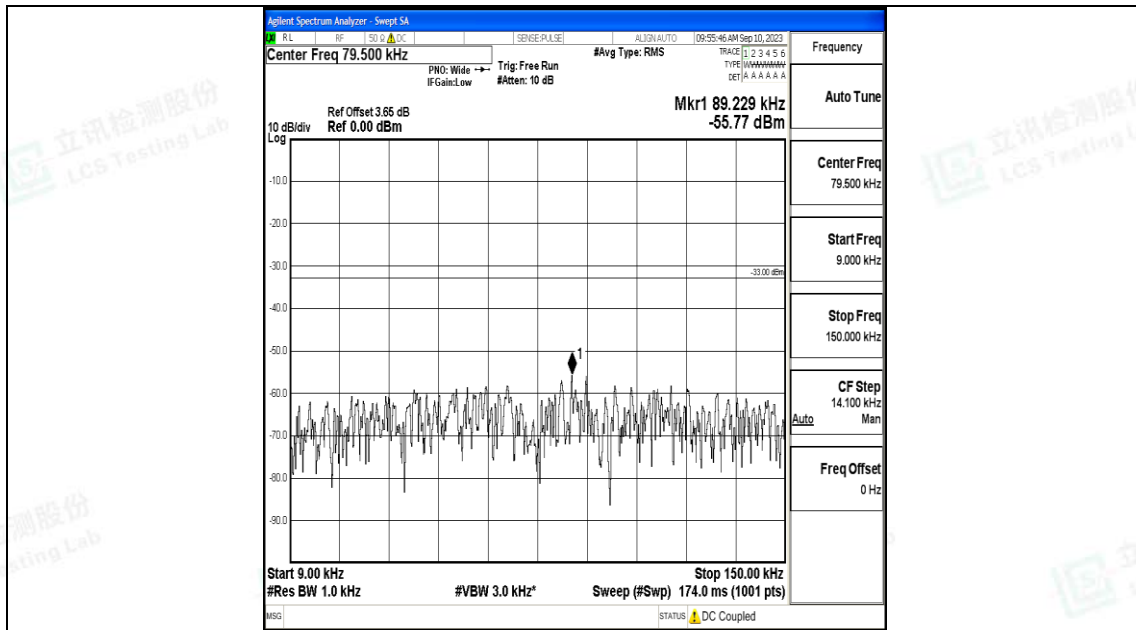
Band71	15MHz	16QAM	133297	1RB#0	0.009~0.15	-56.16	PASS
Band71	15MHz	16QAM	133297	1RB#0	0.15~30	-54.56	PASS
Band71	15MHz	16QAM	133297	1RB#0	30~1000	-63.60	PASS
Band71	15MHz	16QAM	133297	1RB#0	1000~3000	-43.80	PASS
Band71	15MHz	16QAM	133297	1RB#0	3000~10000	-45.63	PASS
Band71	15MHz	QPSK	133397	1RB#0	0.009~0.15	-58.98	PASS
Band71	15MHz	QPSK	133397	1RB#0	0.15~30	-53.58	PASS
Band71	15MHz	QPSK	133397	1RB#0	30~1000	-63.54	PASS
Band71	15MHz	QPSK	133397	1RB#0	1000~3000	-48.22	PASS
Band71	15MHz	QPSK	133397	1RB#0	3000~10000	-46.01	PASS
Band71	15MHz	16QAM	133397	1RB#0	0.009~0.15	-58.39	PASS
Band71	15MHz	16QAM	133397	1RB#0	0.15~30	-52.56	PASS
Band71	15MHz	16QAM	133397	1RB#0	30~1000	-63.59	PASS
Band71	15MHz	16QAM	133397	1RB#0	1000~3000	-48.04	PASS
Band71	15MHz	16QAM	133397	1RB#0	3000~10000	-45.66	PASS
Band71	20MHz	QPSK	133222	1RB#0	0.009~0.15	-55.87	PASS
Band71	20MHz	QPSK	133222	1RB#0	0.15~30	-53.67	PASS
Band71	20MHz	QPSK	133222	1RB#0	30~1000	-63.29	PASS
Band71	20MHz	QPSK	133222	1RB#0	1000~3000	-48.87	PASS
Band71	20MHz	QPSK	133222	1RB#0	3000~10000	-45.57	PASS
Band71	20MHz	16QAM	133222	1RB#0	0.009~0.15	-57.15	PASS
Band71	20MHz	16QAM	133222	1RB#0	0.15~30	-54.33	PASS
Band71	20MHz	16QAM	133222	1RB#0	30~1000	-63.11	PASS
Band71	20MHz	16QAM	133222	1RB#0	1000~3000	-49.23	PASS
Band71	20MHz	16QAM	133222	1RB#0	3000~10000	-45.89	PASS
Band71	20MHz	QPSK	133322	1RB#0	0.009~0.15	-58.37	PASS
Band71	20MHz	QPSK	133322	1RB#0	0.15~30	-53.90	PASS
Band71	20MHz	QPSK	133322	1RB#0	30~1000	-63.60	PASS
Band71	20MHz	QPSK	133322	1RB#0	1000~3000	-44.26	PASS
Band71	20MHz	QPSK	133322	1RB#0	3000~10000	-45.54	PASS
Band71	20MHz	16QAM	133322	1RB#0	0.009~0.15	-57.88	PASS
Band71	20MHz	16QAM	133322	1RB#0	0.15~30	-53.64	PASS
Band71	20MHz	16QAM	133322	1RB#0	30~1000	-63.66	PASS
Band71	20MHz	16QAM	133322	1RB#0	1000~3000	-46.10	PASS
Band71	20MHz	16QAM	133322	1RB#0	3000~10000	-45.82	PASS
Band71	20MHz	QPSK	133372	1RB#0	0.009~0.15	-57.94	PASS
Band71	20MHz	QPSK	133372	1RB#0	0.15~30	-53.21	PASS
Band71	20MHz	QPSK	133372	1RB#0	30~1000	-63.68	PASS
Band71	20MHz	QPSK	133372	1RB#0	1000~3000	-47.57	PASS
Band71	20MHz	QPSK	133372	1RB#0	3000~10000	-45.76	PASS



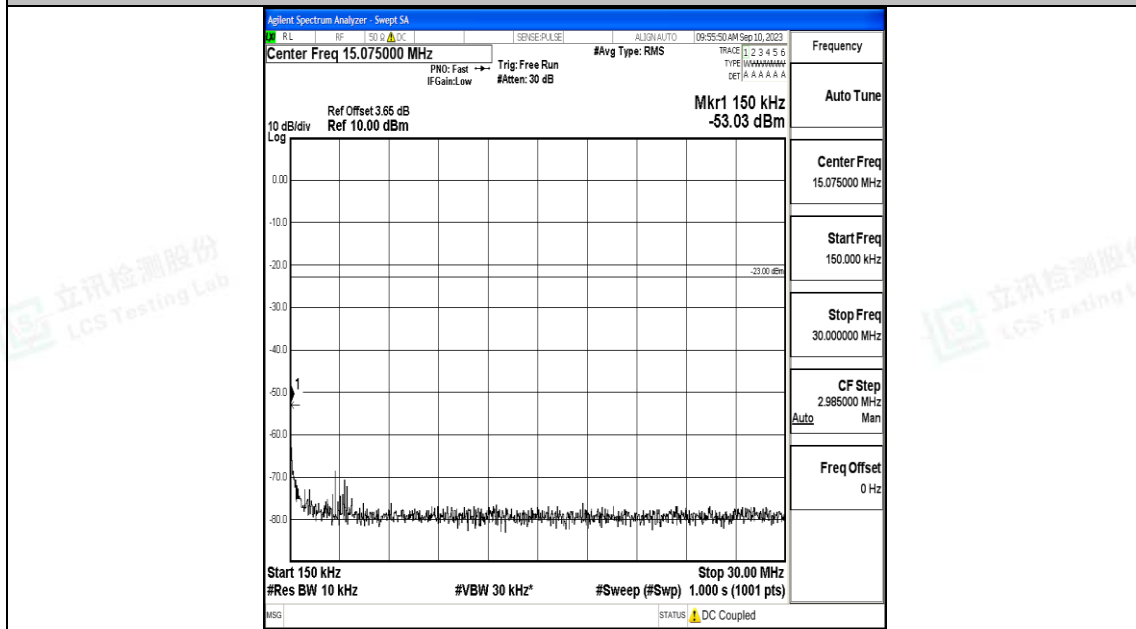


Band71	20MHz	16QAM	133372	1RB#0	0.009~0.15	-57.95	PASS
Band71	20MHz	16QAM	133372	1RB#0	0.15~30	-54.05	PASS
Band71	20MHz	16QAM	133372	1RB#0	30~1000	-63.38	PASS
Band71	20MHz	16QAM	133372	1RB#0	1000~3000	-47.81	PASS
Band71	20MHz	16QAM	133372	1RB#0	3000~10000	-45.02	PASS

### Test Graphs

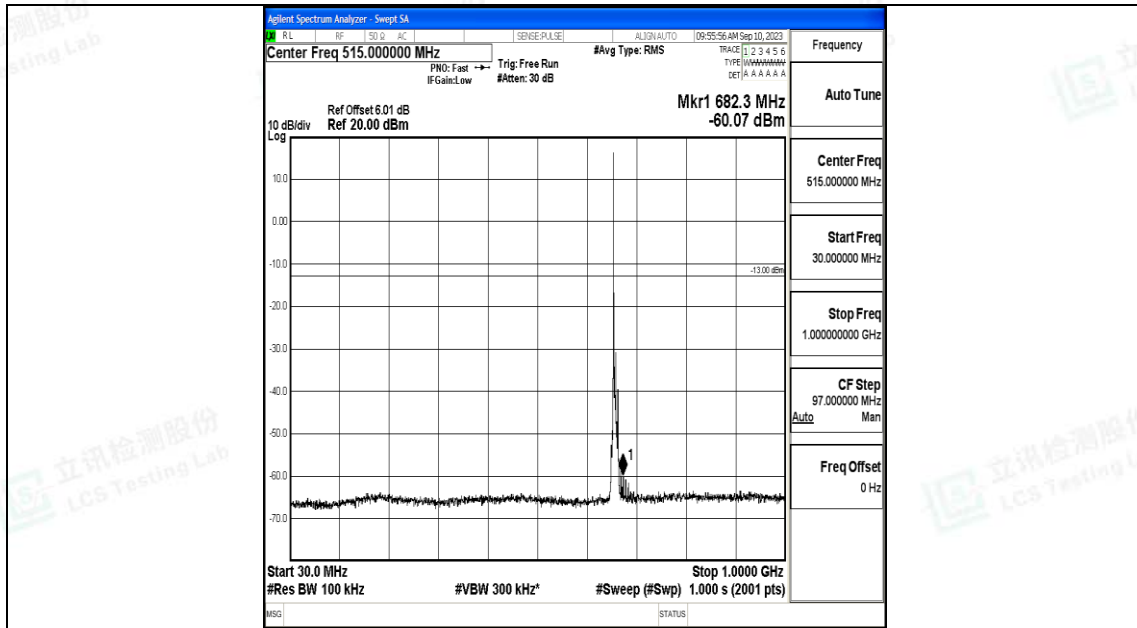


Band71\_5MHz\_QPSK\_133147\_1RB#0\_0.009~0.15\_0.009~0.15

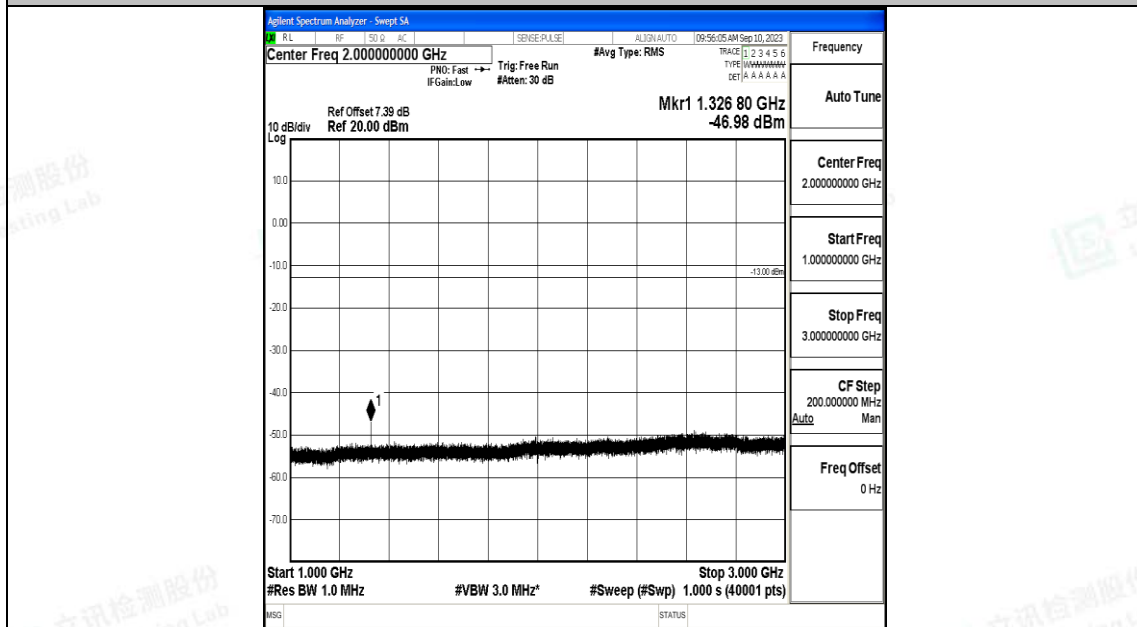


Band71\_5MHz\_QPSK\_133147\_1RB#0\_0.15~30\_0.15~30



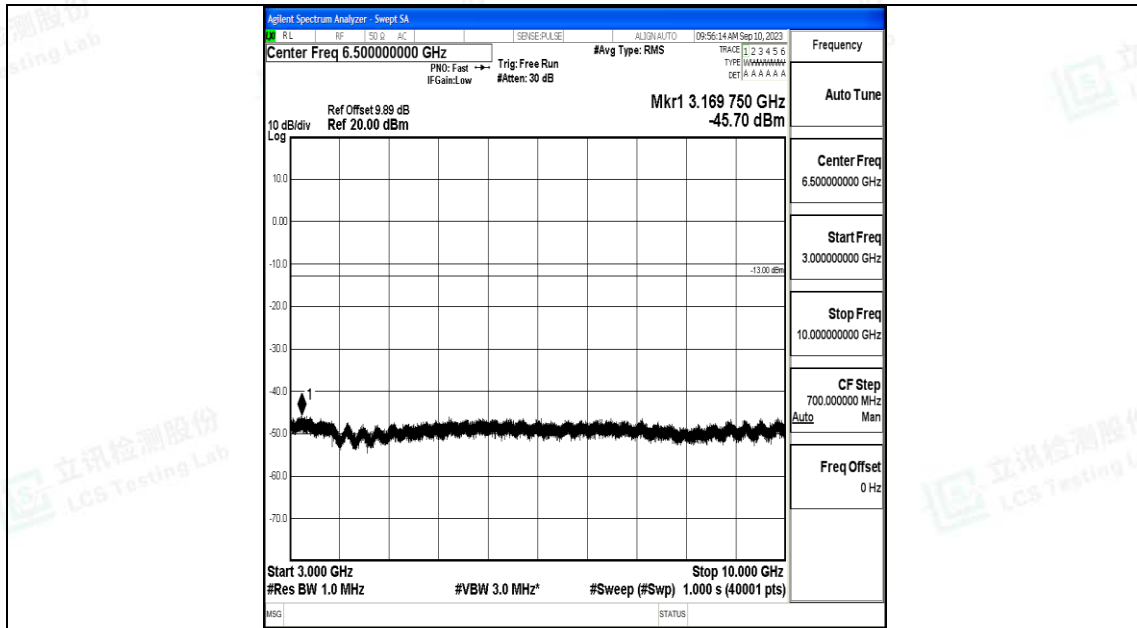


Band71\_5MHz\_QPSK\_133147\_1RB#0\_30~1000\_30~1000

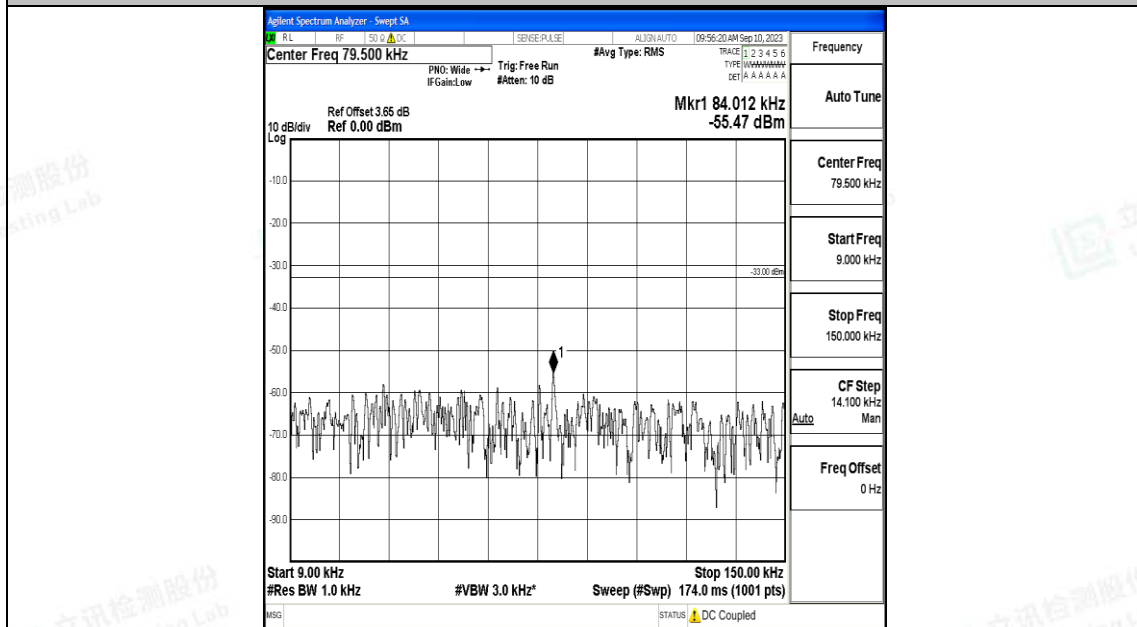


Band71\_5MHz\_QPSK\_133147\_1RB#0\_1000~3000\_1000~3000



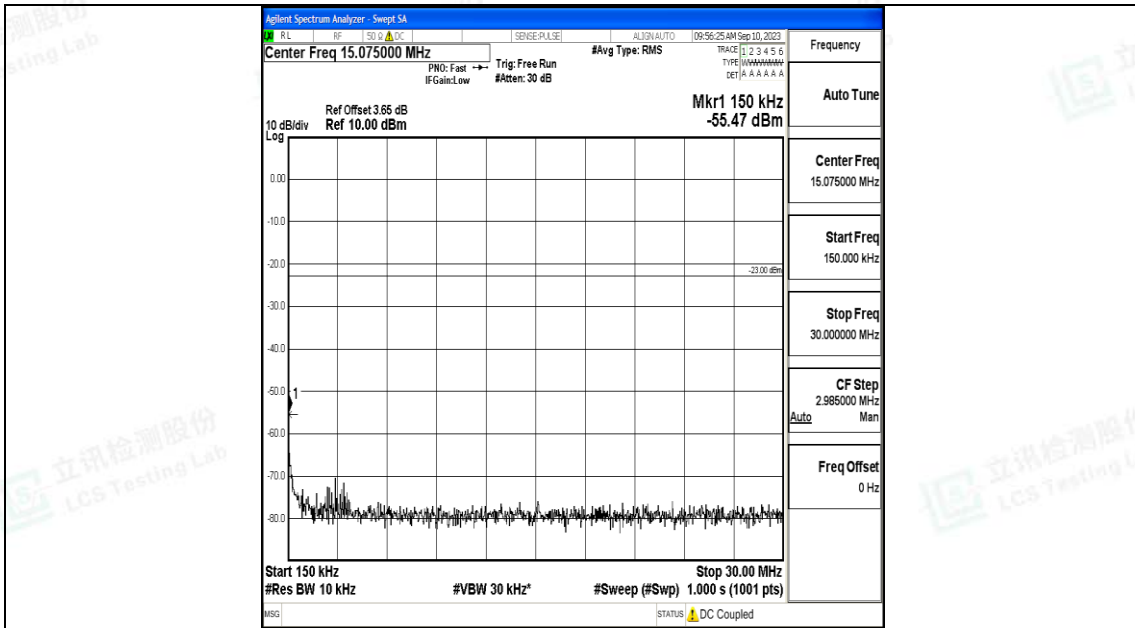


Band71\_5MHz\_QPSK\_133147\_1RB#0\_3000~10000\_3000~10000

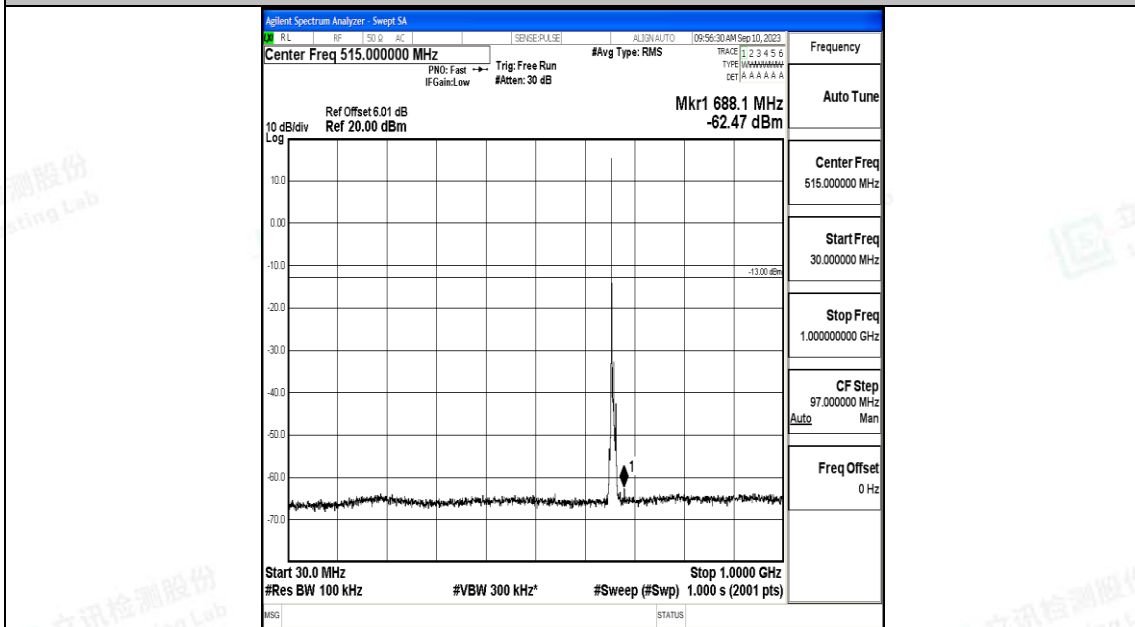


Band71\_5MHz\_16QAM\_133147\_1RB#0\_0.009~0.15\_0.009~0.15





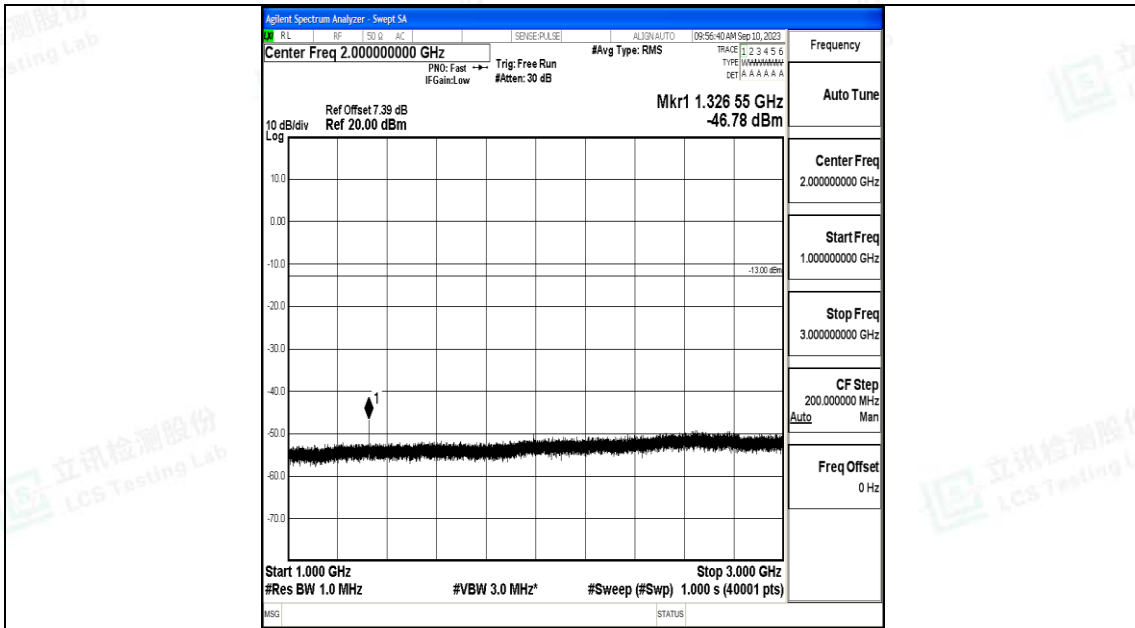
Band71\_5MHz\_16QAM\_133147\_1RB#0\_0.15~30\_0.15~30



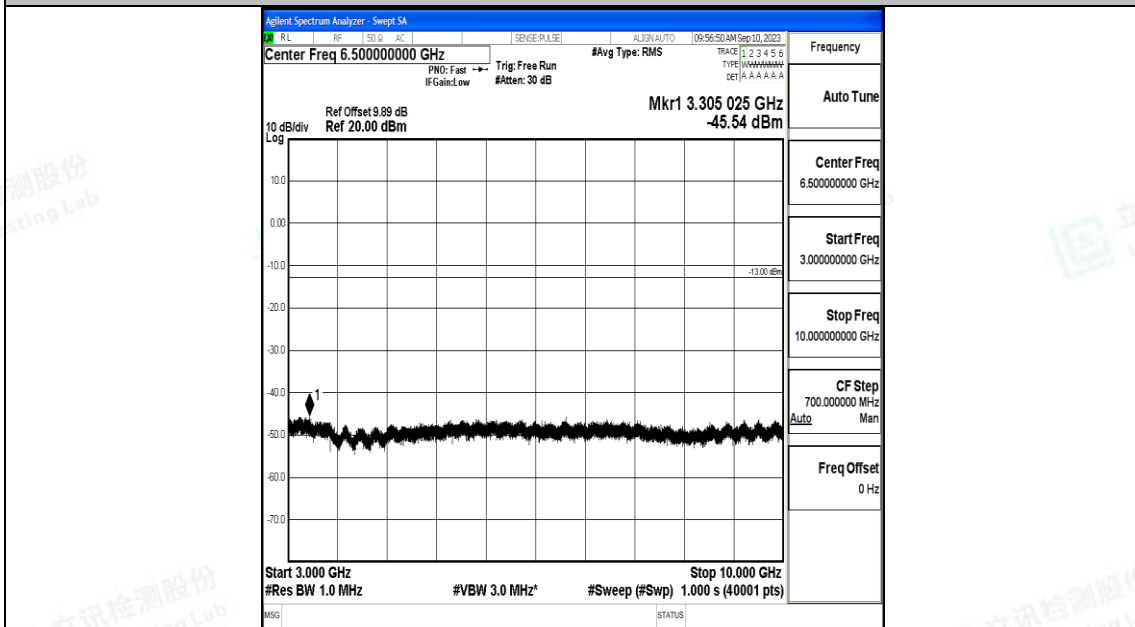
Band71\_5MHz\_16QAM\_133147\_1RB#0\_30~1000\_30~1000





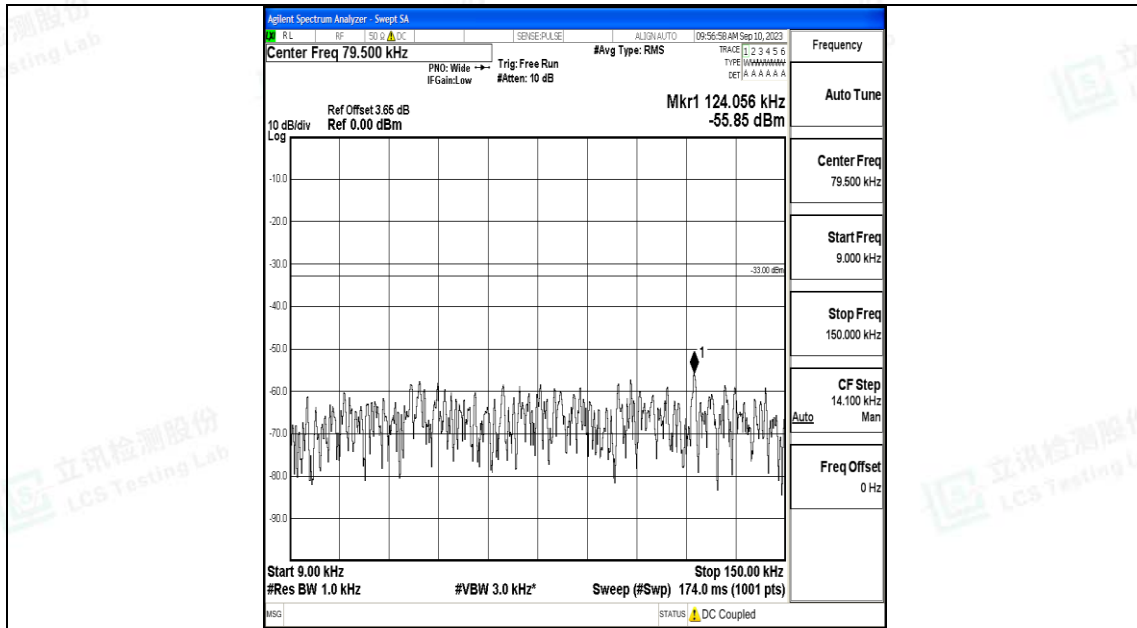


Band71\_5MHz\_16QAM\_133147\_1RB#0\_1000~3000\_1000~3000

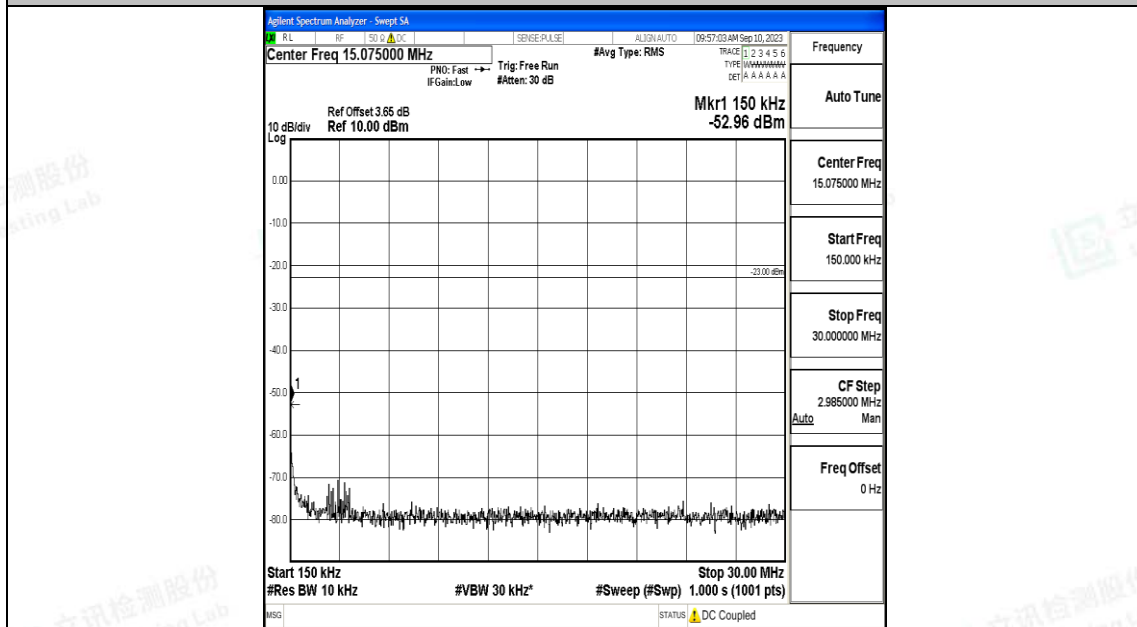


Band71\_5MHz\_16QAM\_133147\_1RB#0\_3000~10000\_3000~10000



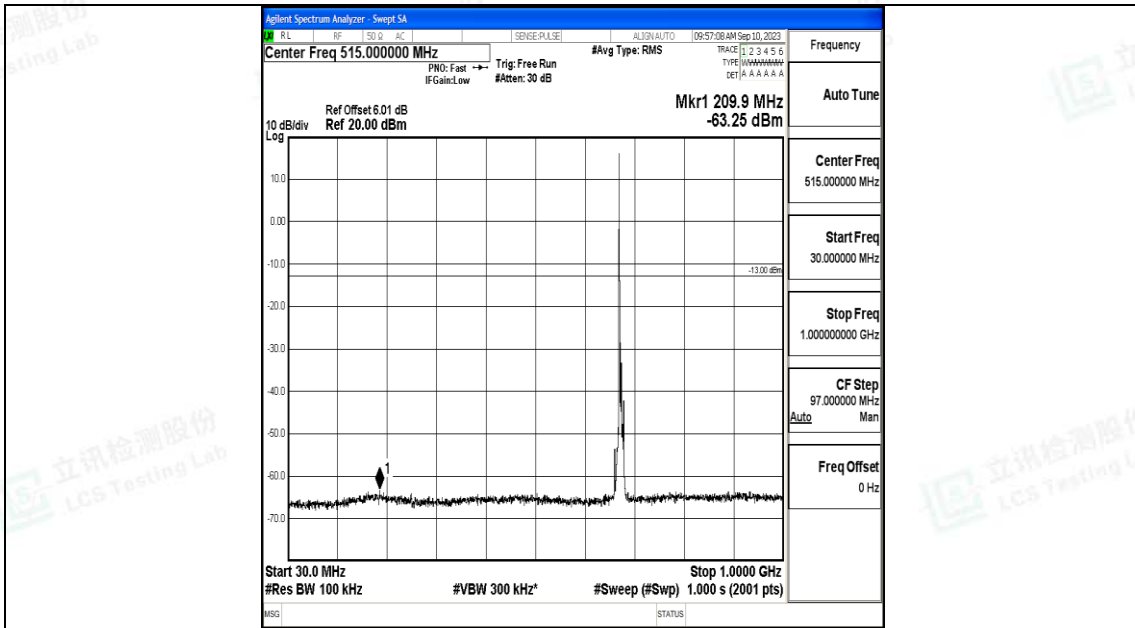


Band71\_5MHz\_QPSK\_133297\_1RB#0\_0.009~0.15\_0.009~0.15

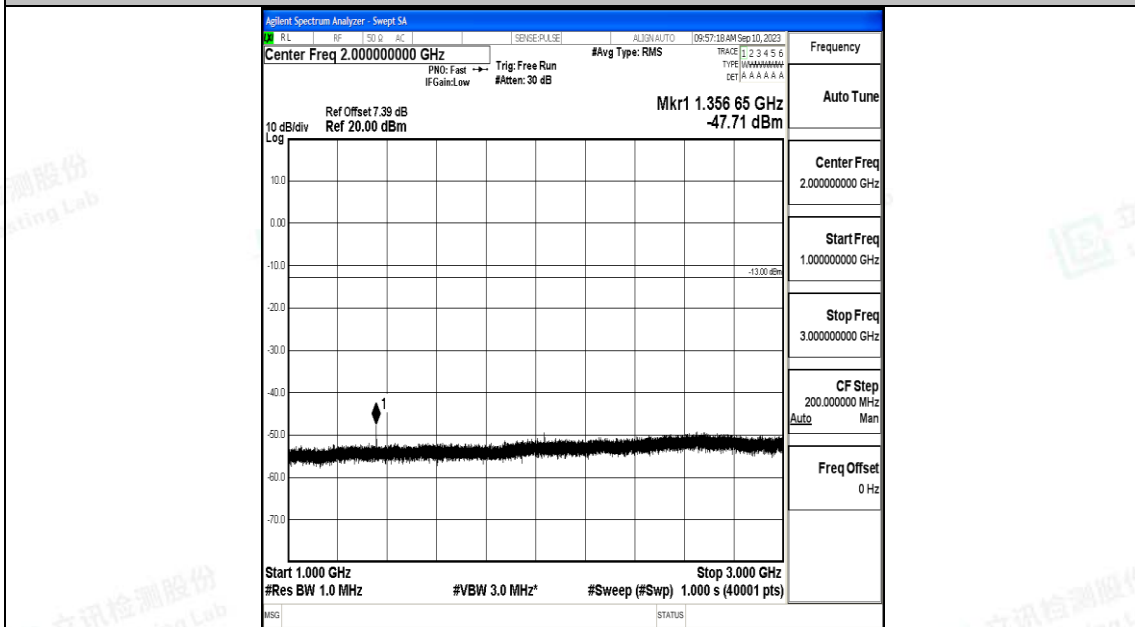


Band71\_5MHz\_QPSK\_133297\_1RB#0\_0.15~30\_0.15~30



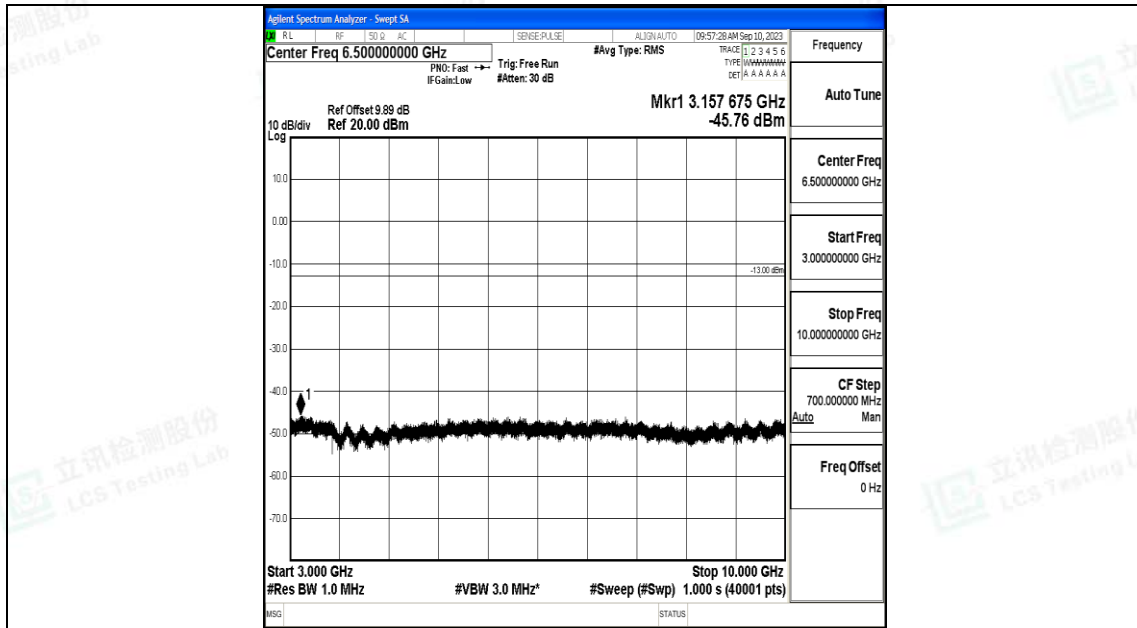


Band71\_5MHz\_QPSK\_133297\_1RB#0\_30~1000\_30~1000

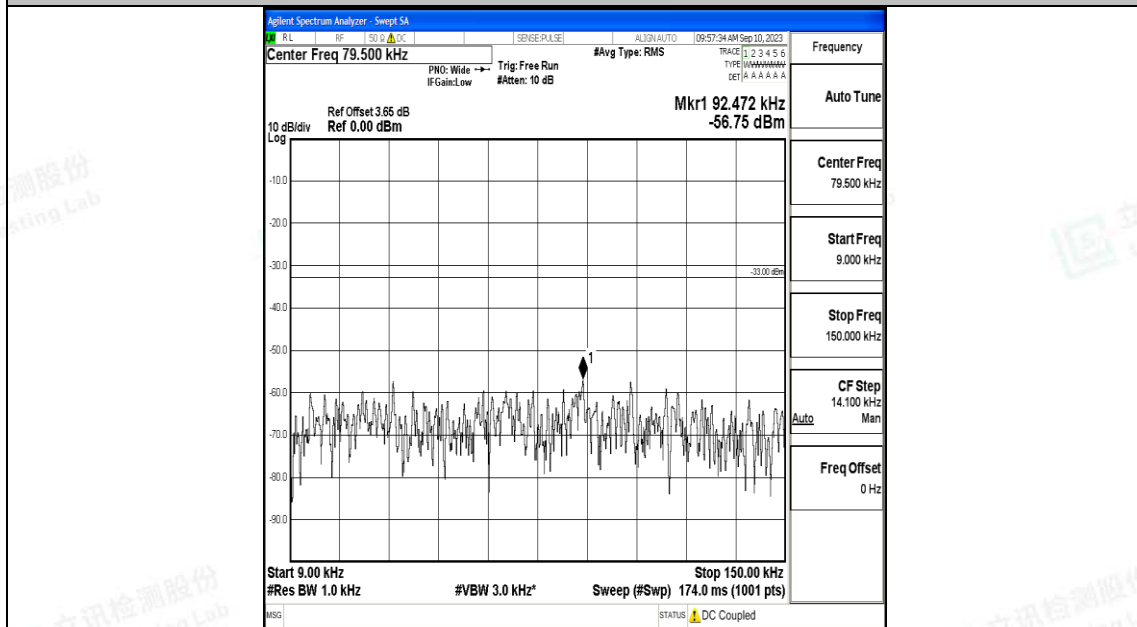


Band71\_5MHz\_QPSK\_133297\_1RB#0\_1000~3000\_1000~3000



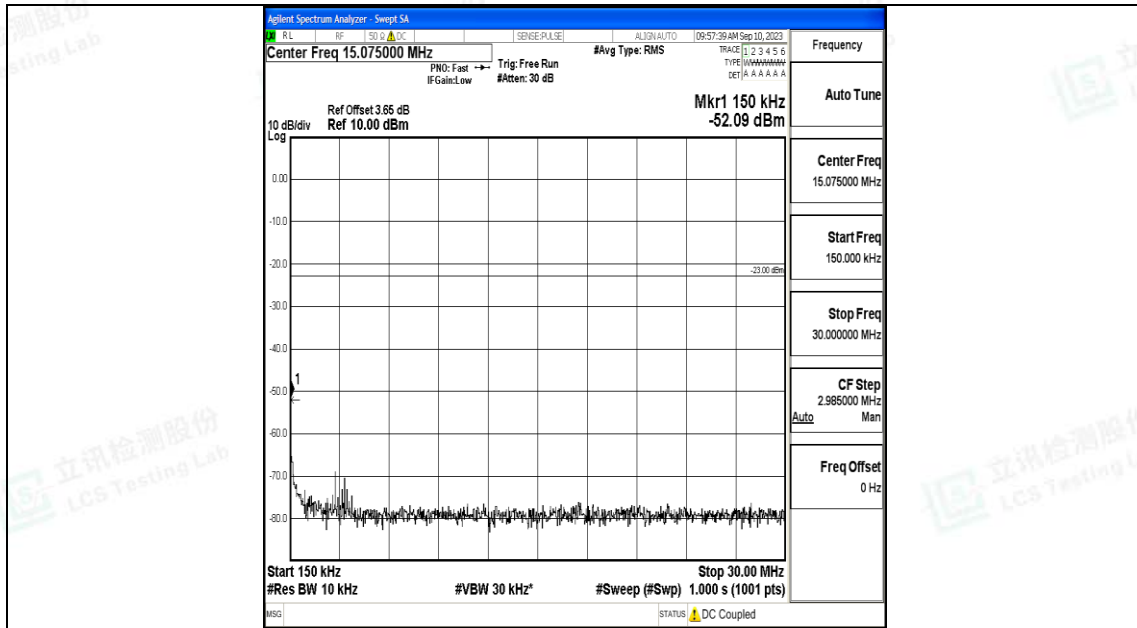


Band71\_5MHz\_QPSK\_133297\_1RB#0\_3000~10000\_3000~10000

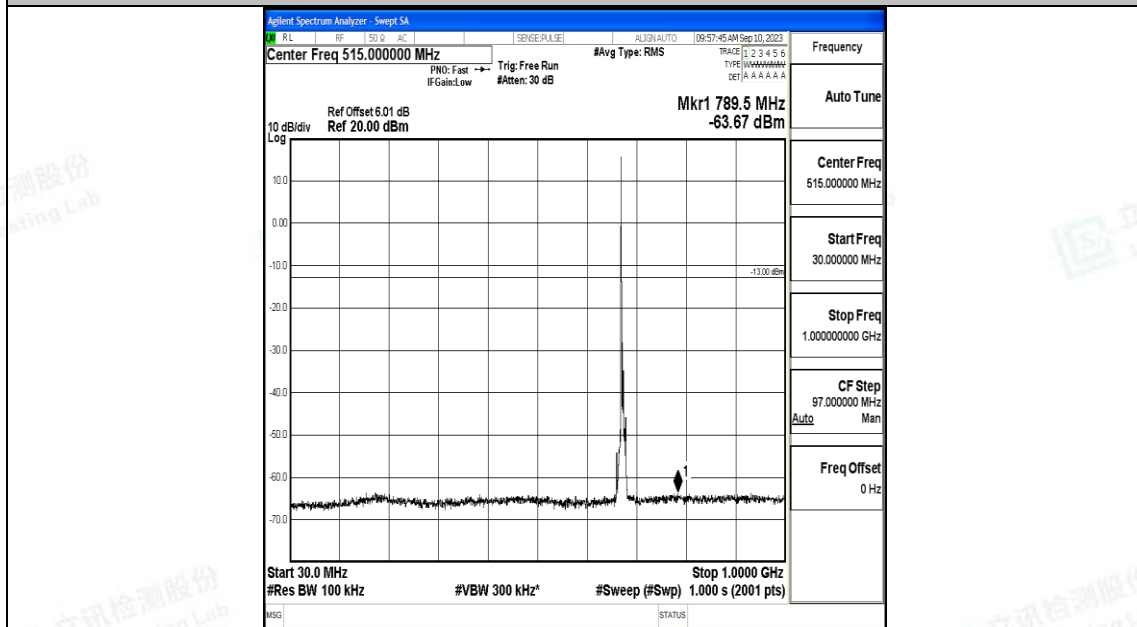


Band71\_5MHz\_16QAM\_133297\_1RB#0\_0.009~0.15\_0.009~0.15



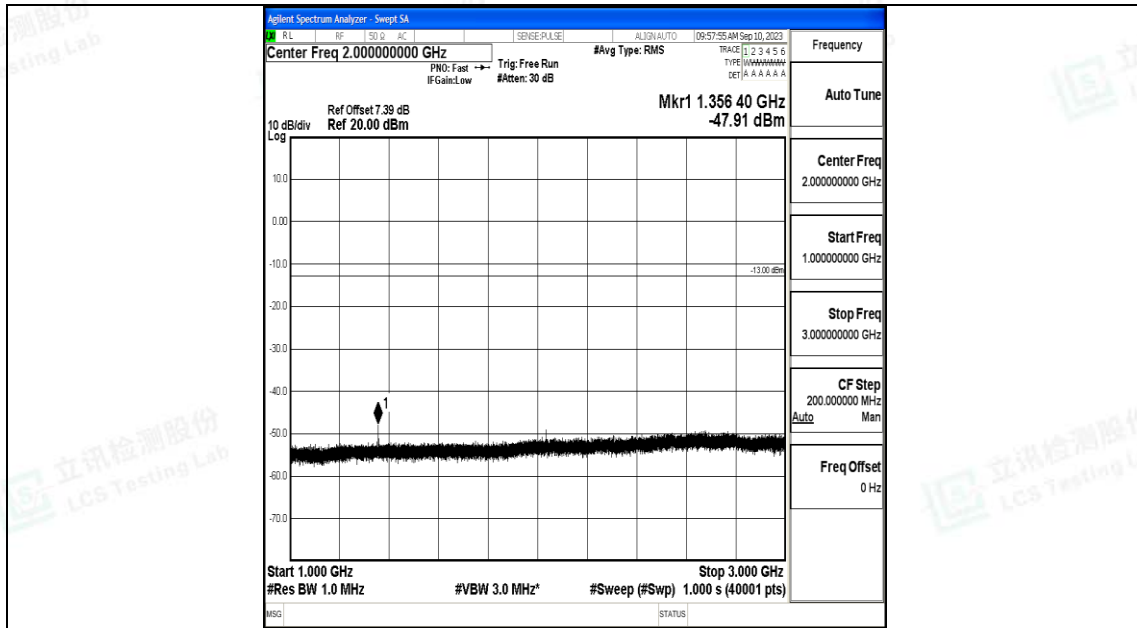


Band71\_5MHz\_16QAM\_133297\_1RB#0\_0.15~30\_0.15~30

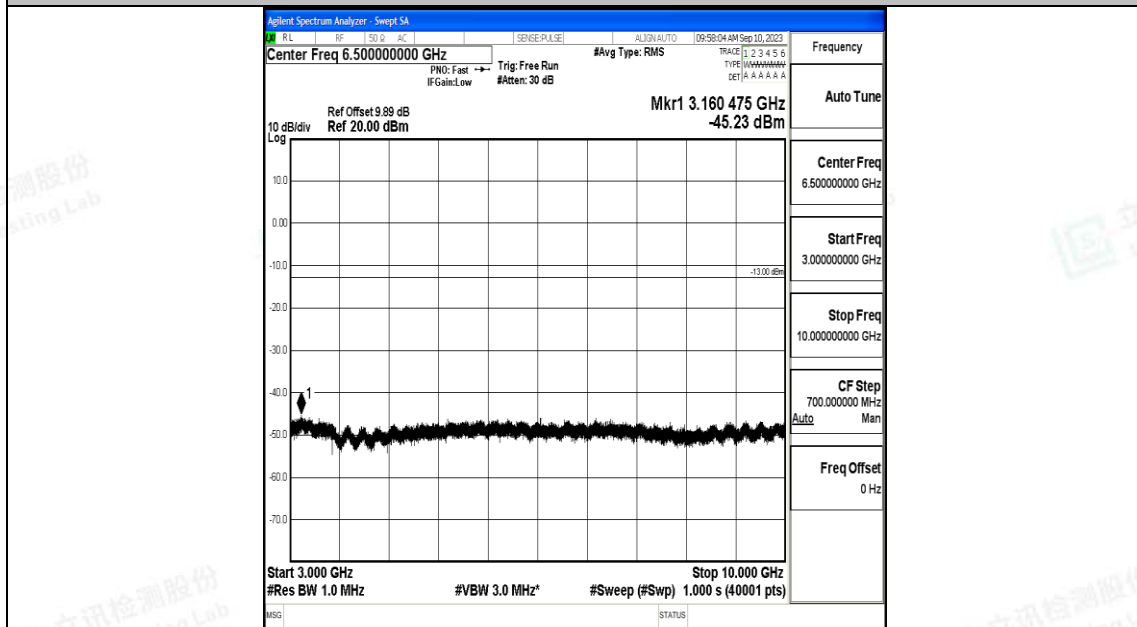


Band71\_5MHz\_16QAM\_133297\_1RB#0\_30~1000\_30~1000



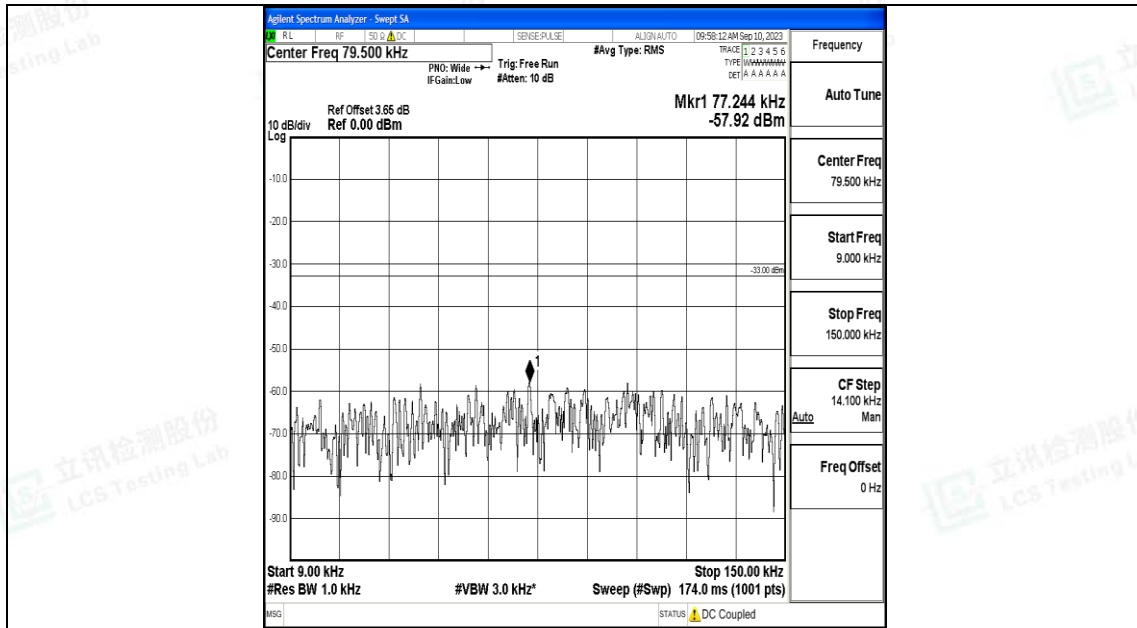


Band71\_5MHz\_16QAM\_133297\_1RB#0\_1000~3000\_1000~3000

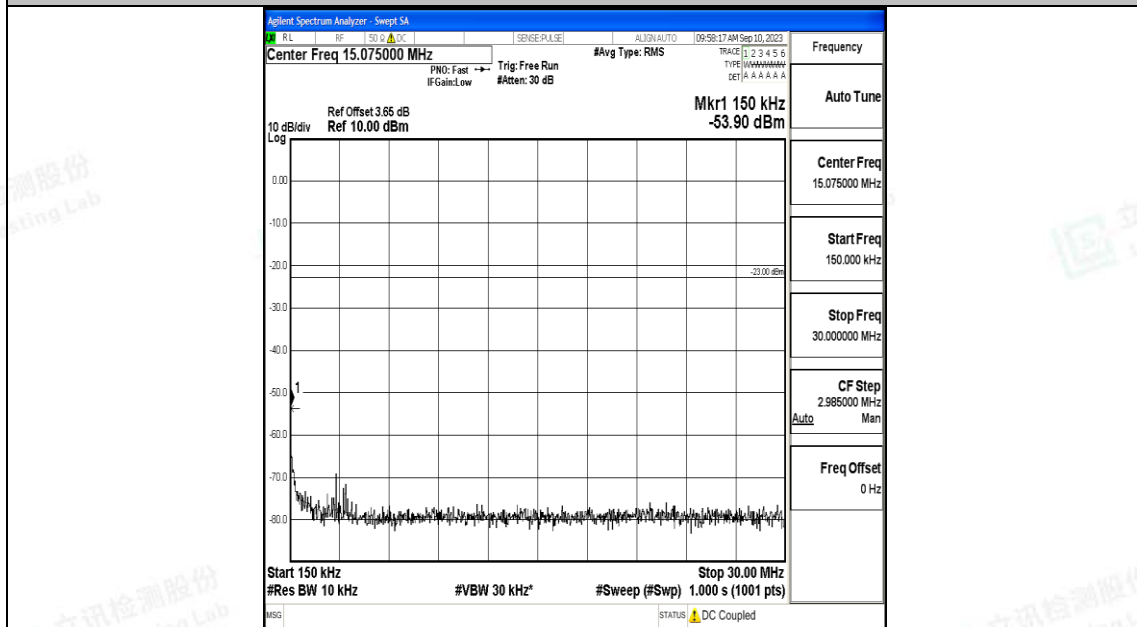


Band71\_5MHz\_16QAM\_133297\_1RB#0\_3000~10000\_3000~10000



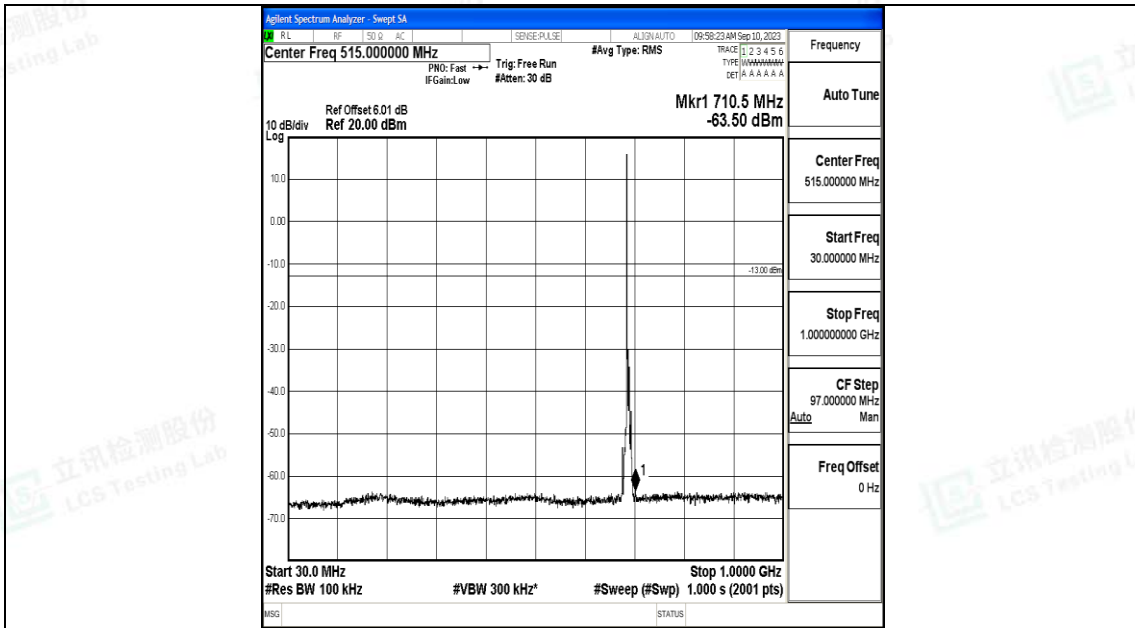


Band71\_5MHz\_QPSK\_133447\_1RB#0\_0.009~0.15\_0.009~0.15

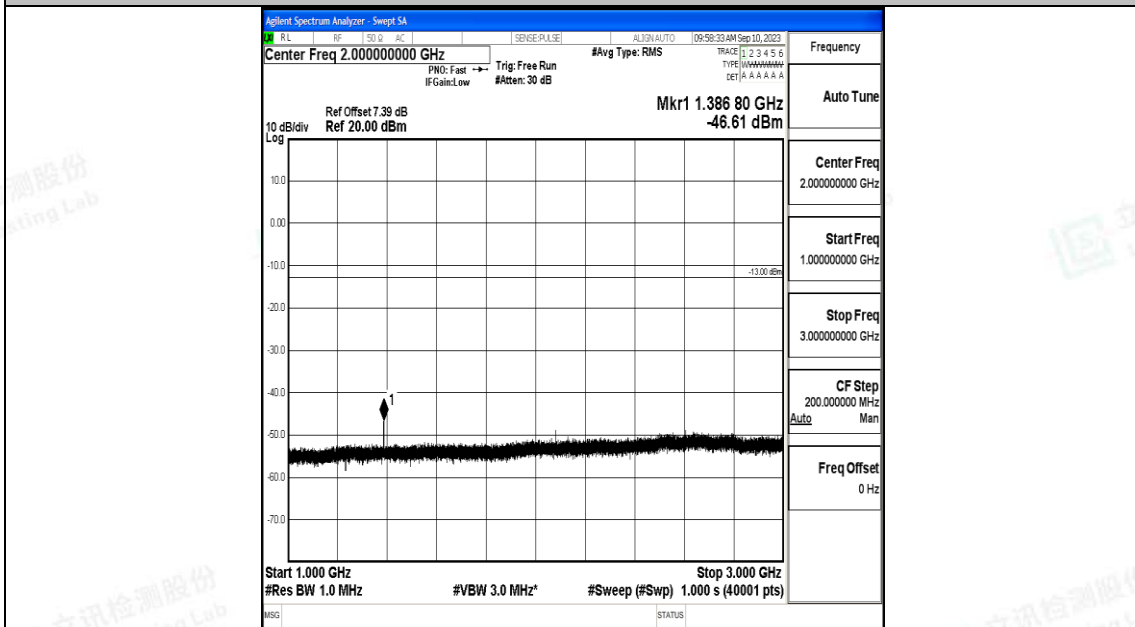


Band71\_5MHz\_QPSK\_133447\_1RB#0\_0.15~30\_0.15~30





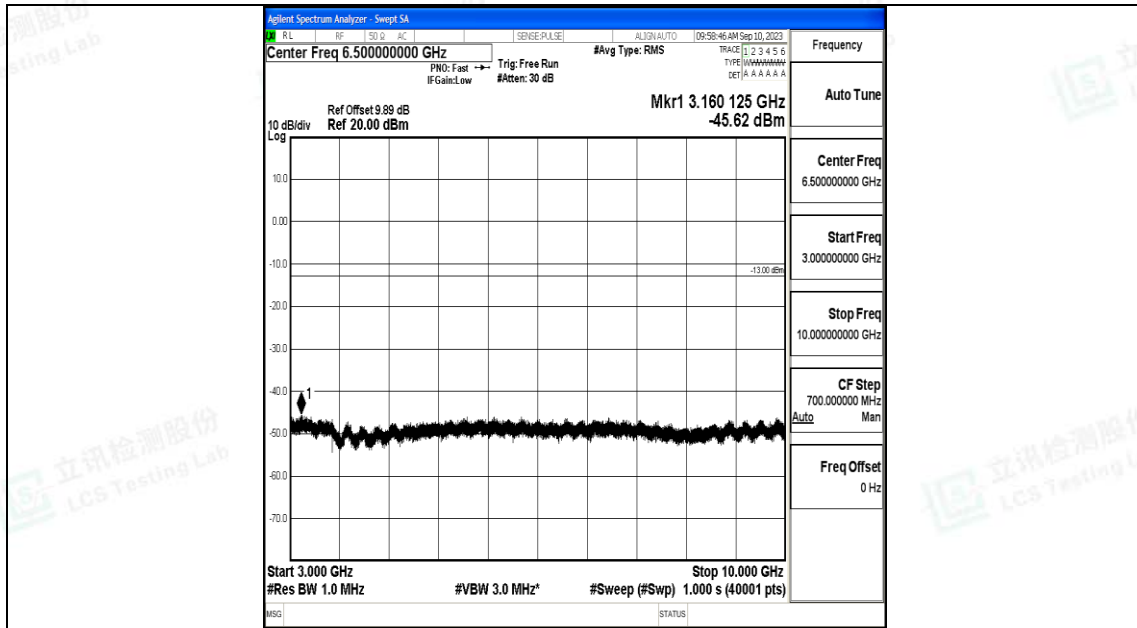
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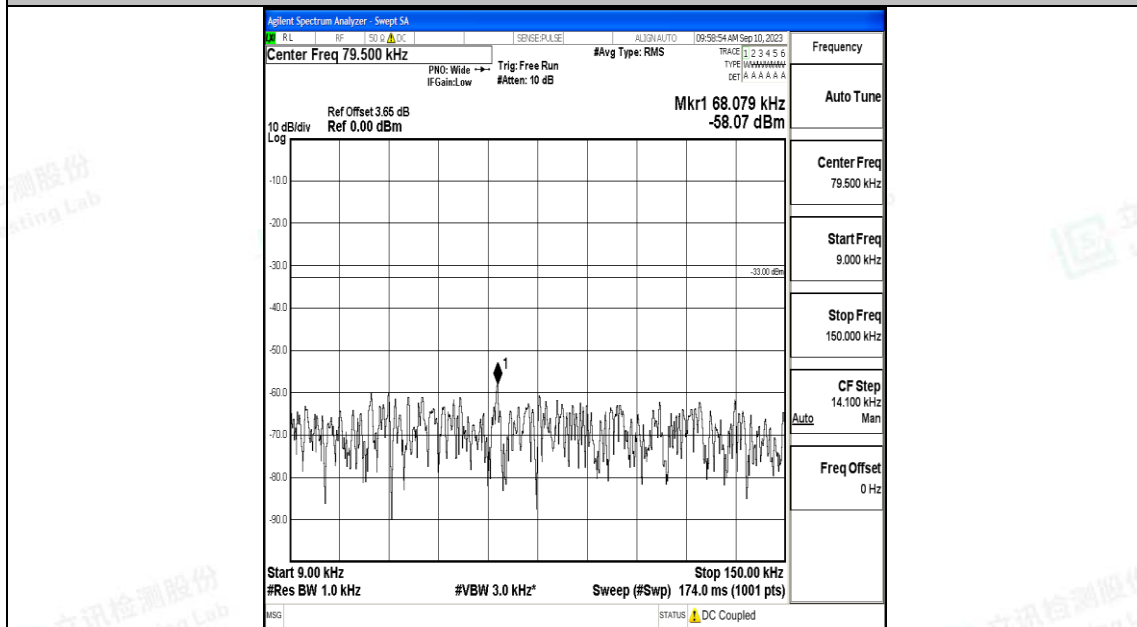
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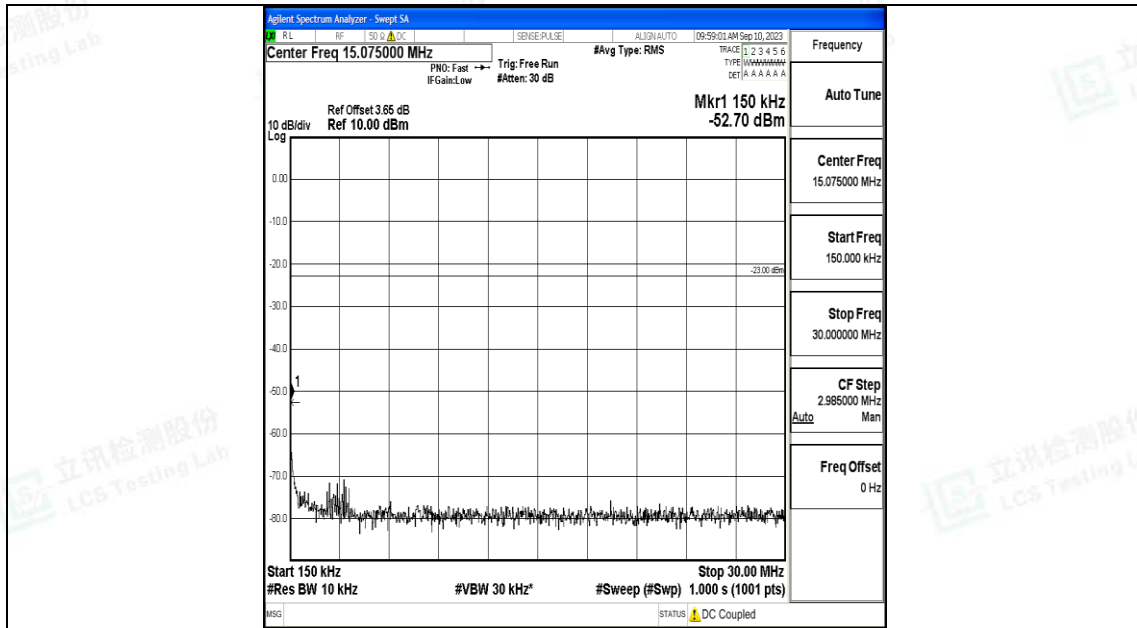


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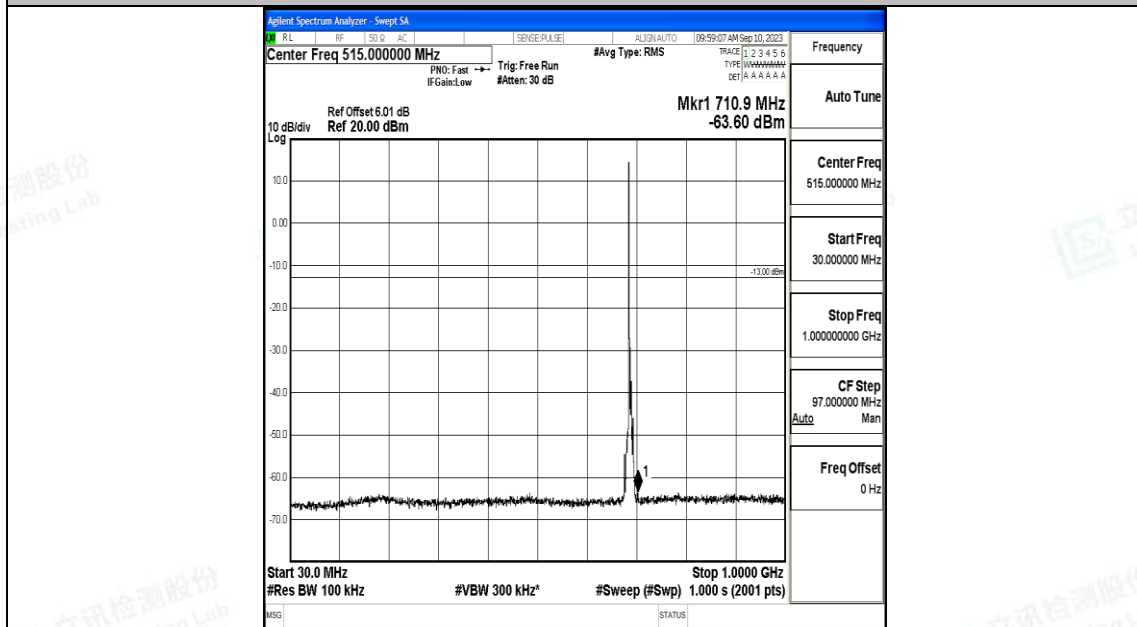


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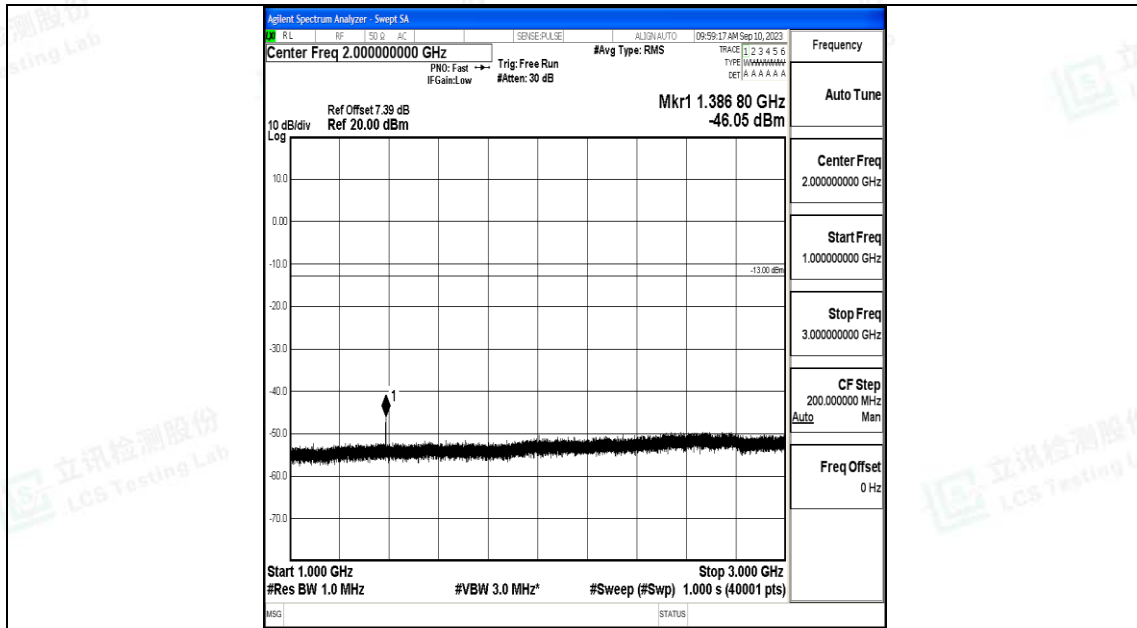


Band71\_5MHz\_16QAM\_133447\_1RB#0\_0.15~30\_0.15~30

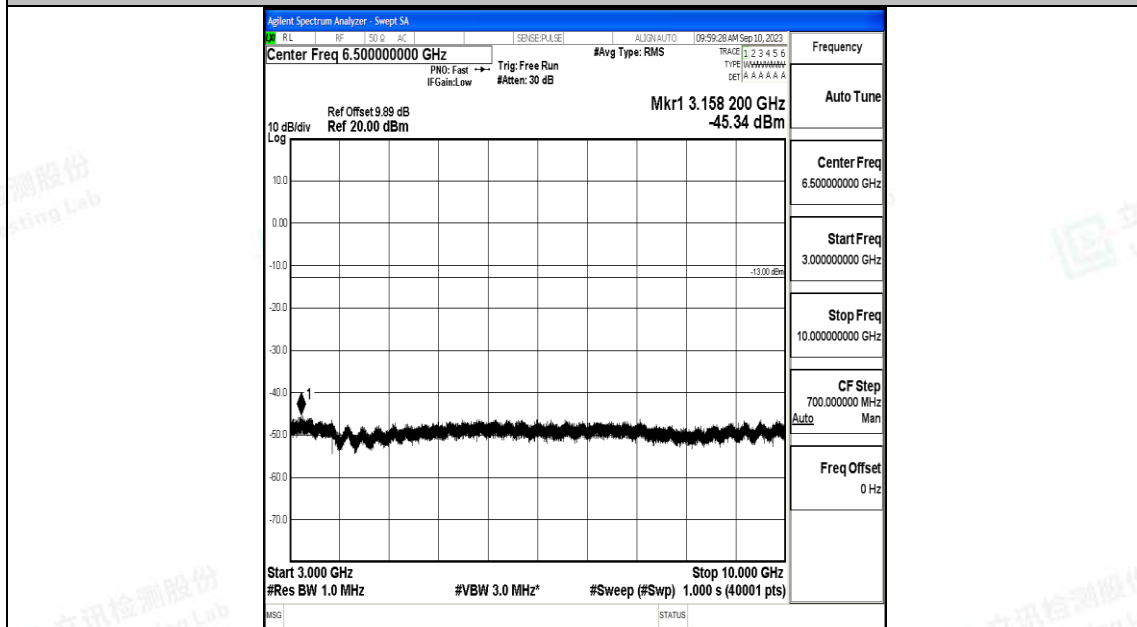


Band71\_5MHz\_16QAM\_133447\_1RB#0\_30~1000\_30~1000



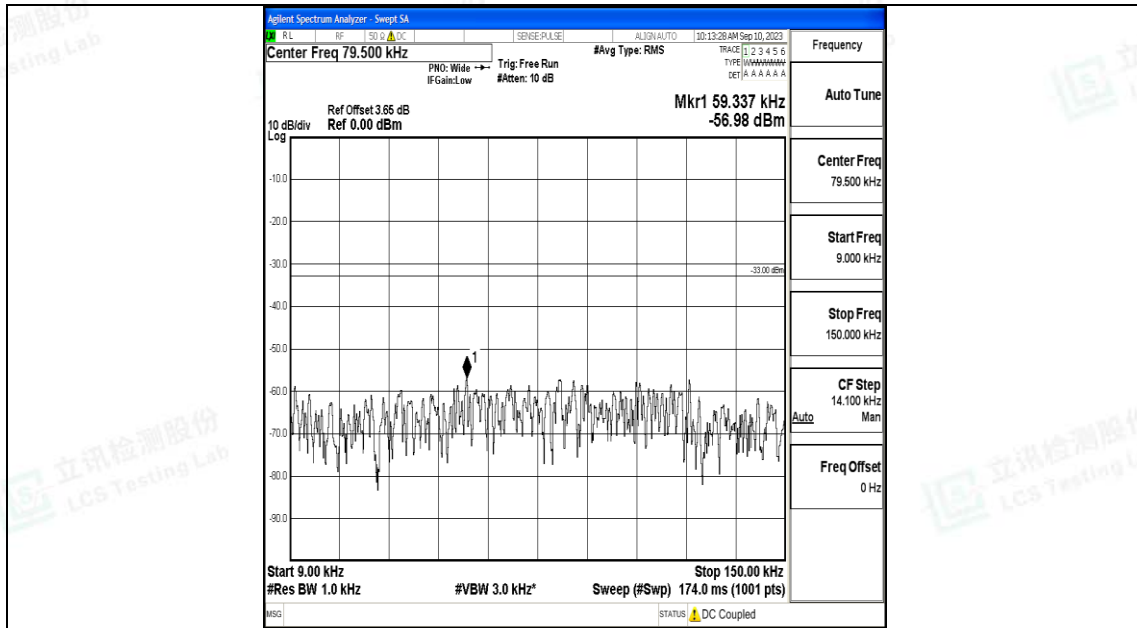


Band71\_5MHz\_16QAM\_133447\_1RB#0\_1000~3000\_1000~3000

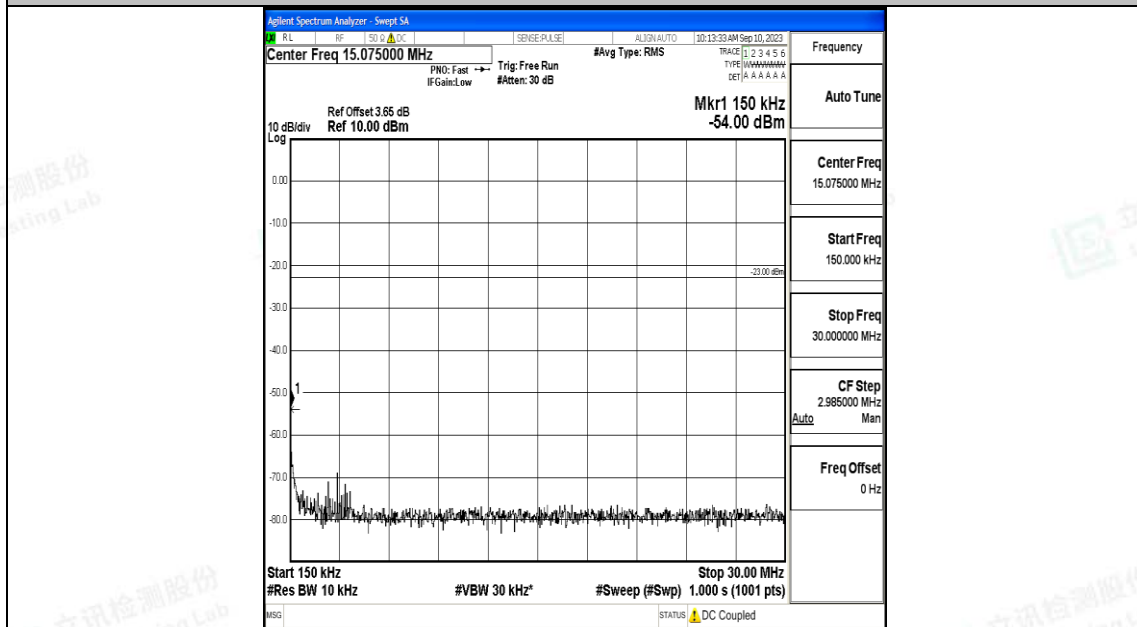


Band71\_5MHz\_16QAM\_133447\_1RB#0\_3000~10000\_3000~10000



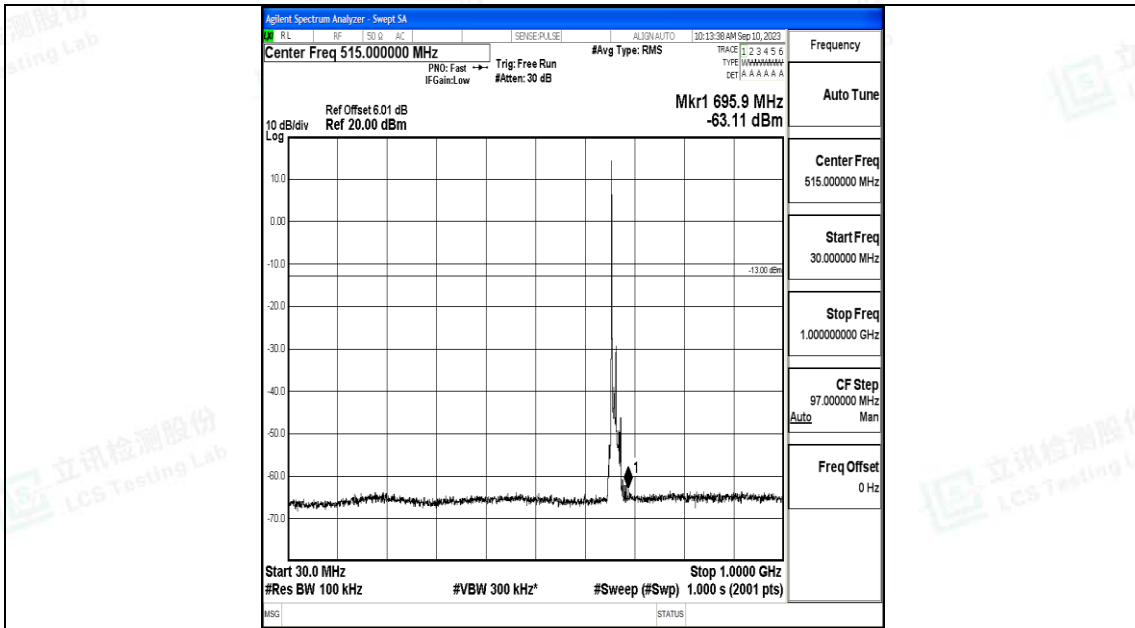


Band71\_10MHz\_QPSK\_133172\_1RB#0\_0.009~0.15\_0.009~0.15

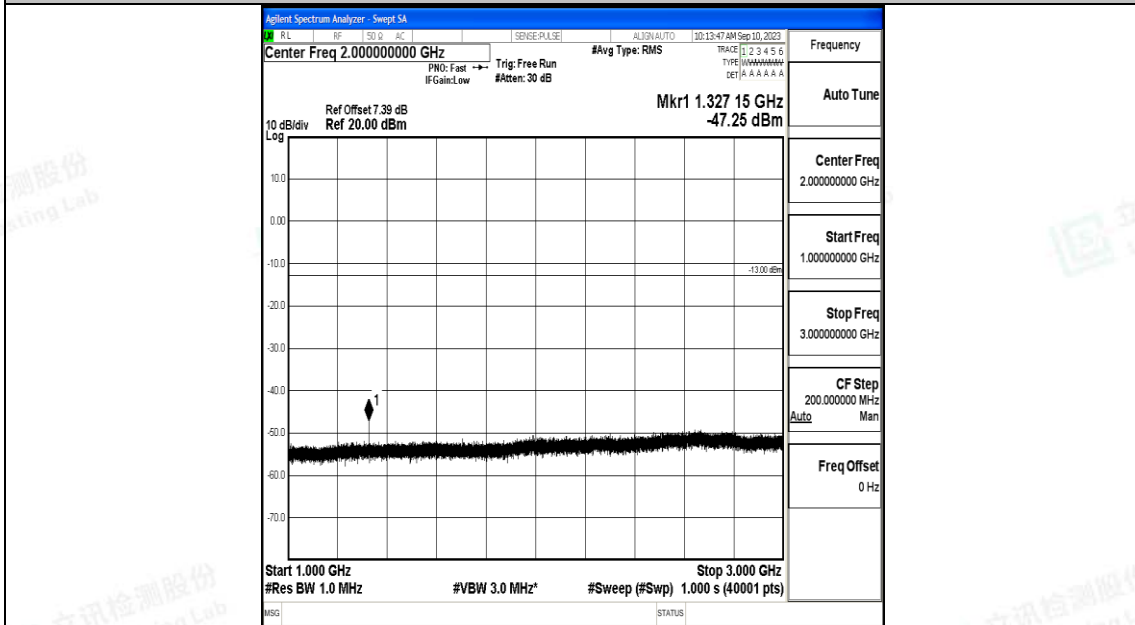


Band71\_10MHz\_QPSK\_133172\_1RB#0\_0.15~30\_0.15~30



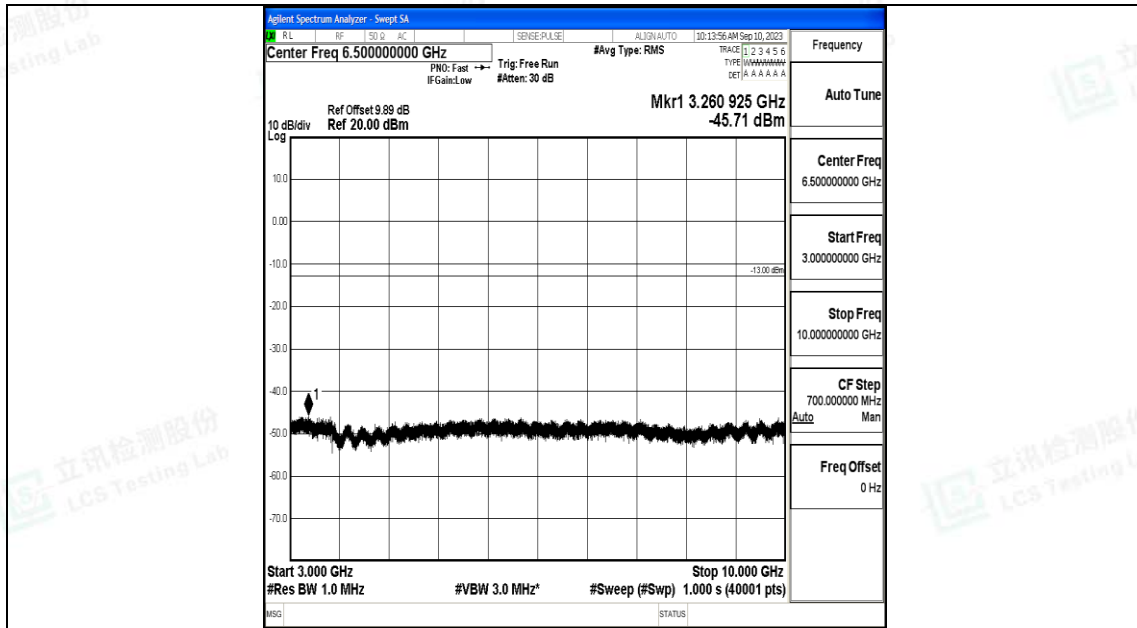


Band71\_10MHz\_QPSK\_133172\_1RB#0\_30~1000\_30~1000

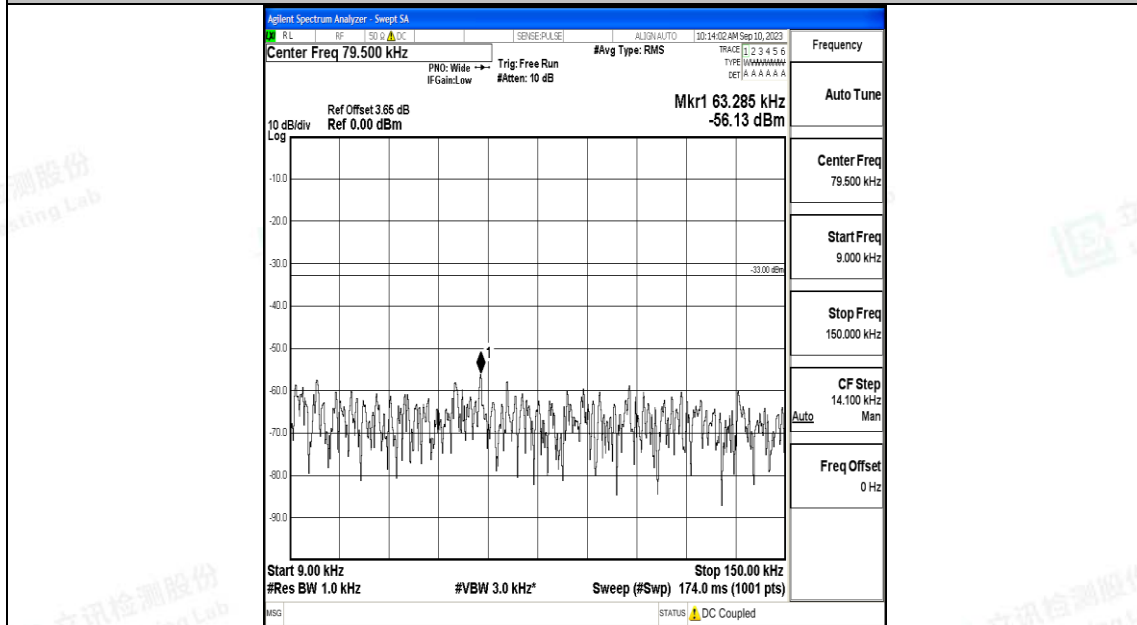


Band71\_10MHz\_QPSK\_133172\_1RB#0\_1000~3000\_1000~3000



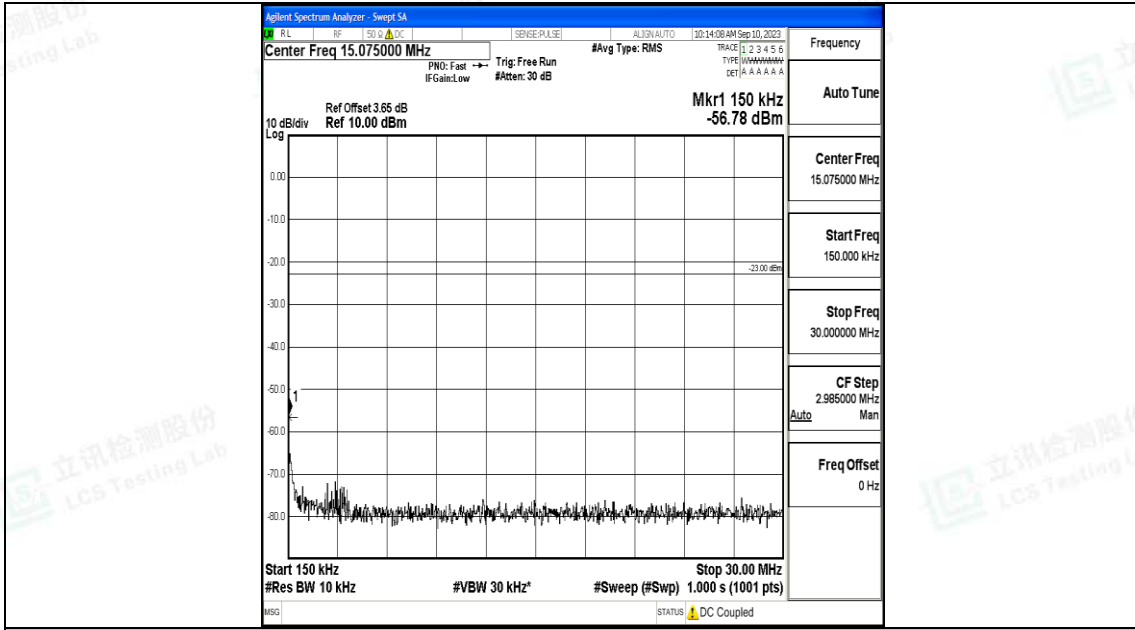


Band71\_10MHz\_QPSK\_133172\_1RB#0\_3000~10000\_3000~10000

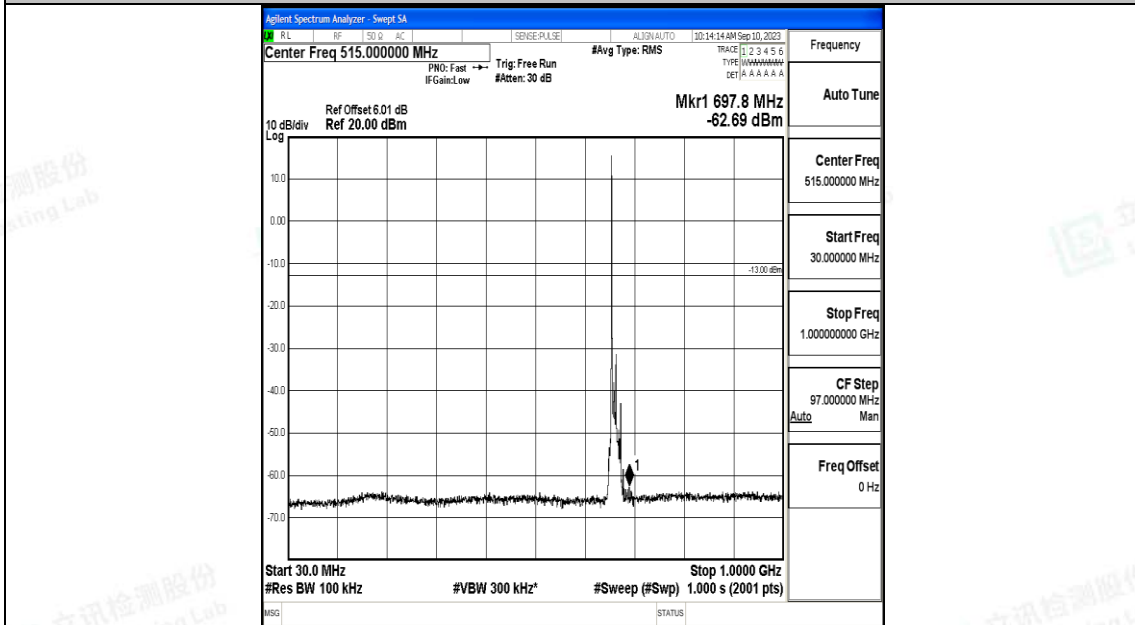


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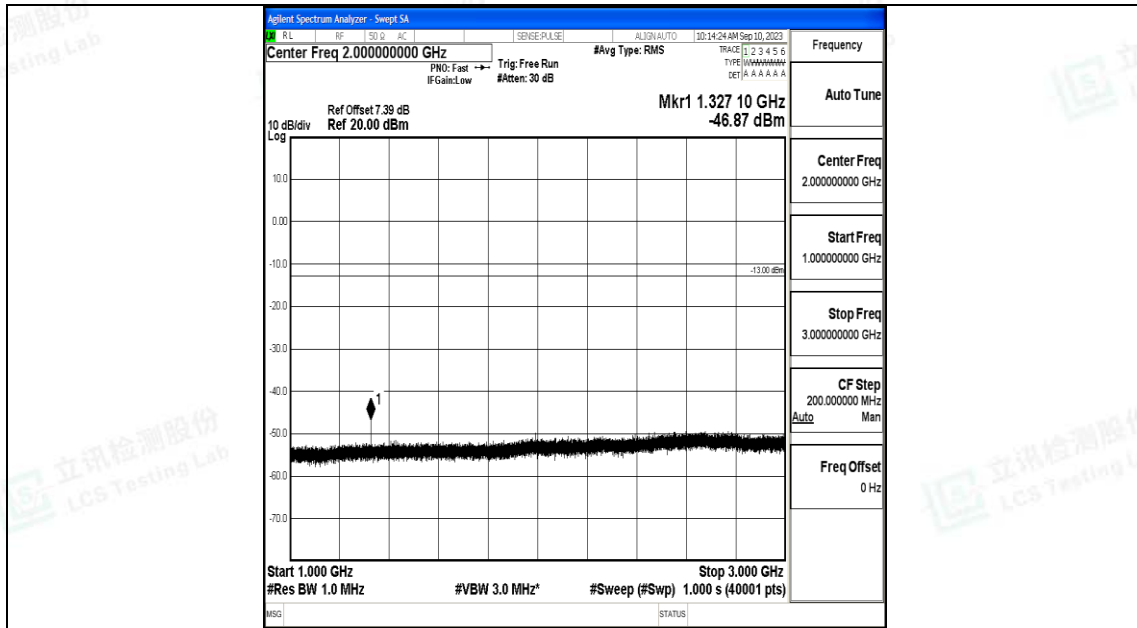


Band71\_10MHz\_16QAM\_133172\_1RB#0\_0.15~30\_0.15~30

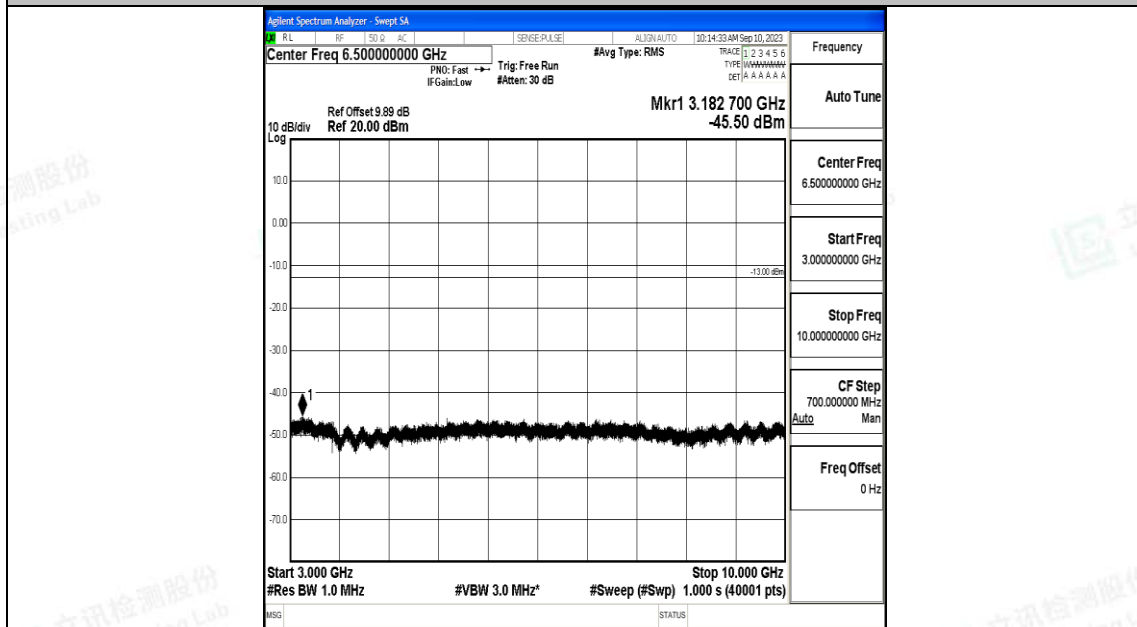


Band71\_10MHz\_16QAM\_133172\_1RB#0\_30~1000\_30~1000





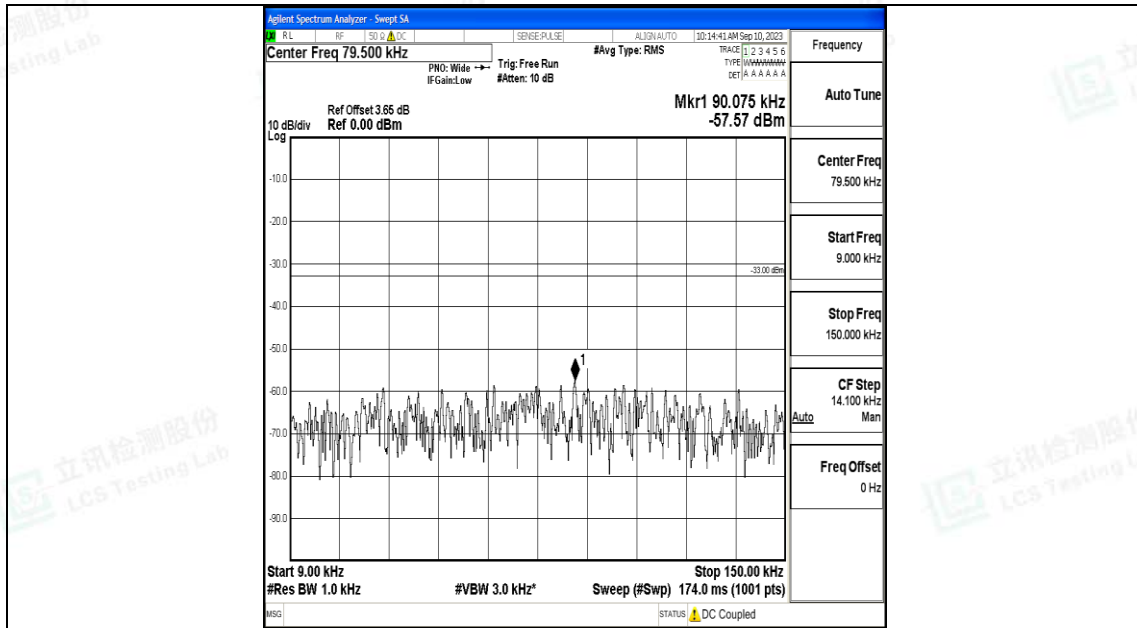
Band71\_10MHz\_16QAM\_133172\_1RB#0\_1000~3000\_1000~3000



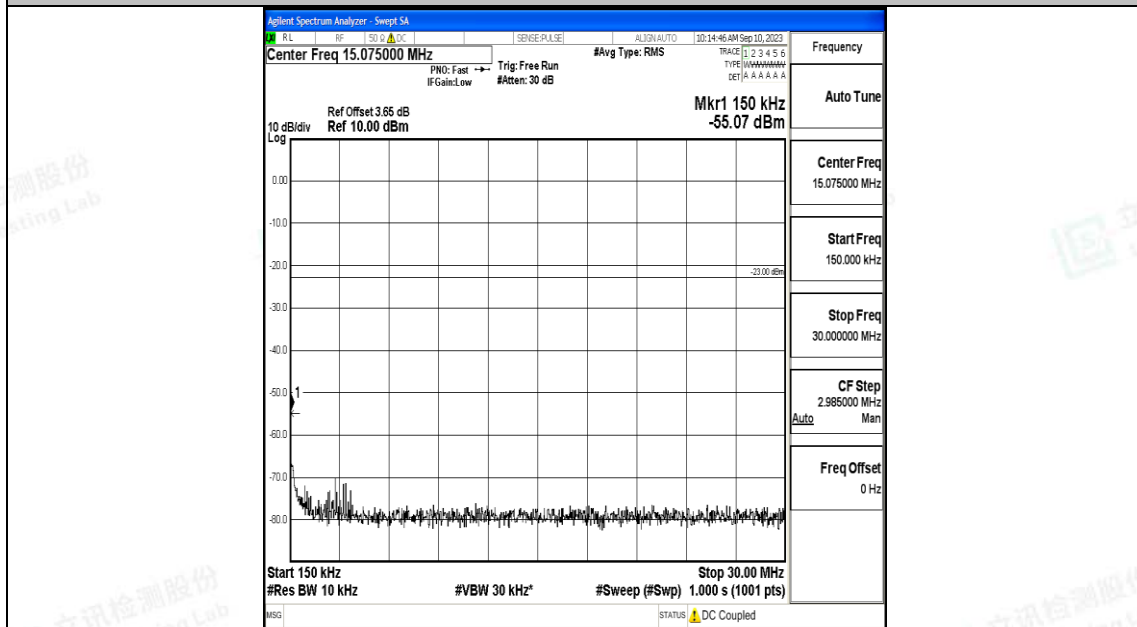
Band71\_10MHz\_16QAM\_133172\_1RB#0\_3000~10000\_3000~10000







Band71\_10MHz\_QPSK\_133297\_1RB#0\_0.009~0.15\_0.009~0.15



Band71\_10MHz\_QPSK\_133297\_1RB#0\_0.15~30\_0.15~30

