



Appendix O: Test Data for E-UTRA Band 71

Product Name: Smart Phone

Test Model: HPPH88C

Environmental Conditions

Temperature:	24.2°C
Relative Humidity:	52.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng



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O.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	23.00	PASS
Band71	5MHz	16QAM	133147	1RB#0	21.95	PASS
Band71	5MHz	QPSK	133147	1RB#12	23.12	PASS
Band71	5MHz	16QAM	133147	1RB#12	22.06	PASS
Band71	5MHz	QPSK	133147	1RB#24	23.02	PASS
Band71	5MHz	16QAM	133147	1RB#24	21.98	PASS
Band71	5MHz	QPSK	133147	12RB#0	22.06	PASS
Band71	5MHz	16QAM	133147	12RB#0	20.96	PASS
Band71	5MHz	QPSK	133147	12RB#6	22.01	PASS
Band71	5MHz	16QAM	133147	12RB#6	20.99	PASS
Band71	5MHz	QPSK	133147	12RB#13	22.04	PASS
Band71	5MHz	16QAM	133147	12RB#13	20.94	PASS
Band71	5MHz	QPSK	133147	25RB#0	22.08	PASS
Band71	5MHz	16QAM	133147	25RB#0	21.07	PASS
Band71	5MHz	QPSK	133297	1RB#0	22.94	PASS
Band71	5MHz	16QAM	133297	1RB#0	22.06	PASS
Band71	5MHz	QPSK	133297	1RB#12	23.04	PASS
Band71	5MHz	16QAM	133297	1RB#12	22.12	PASS
Band71	5MHz	QPSK	133297	1RB#24	22.92	PASS
Band71	5MHz	16QAM	133297	1RB#24	22.00	PASS
Band71	5MHz	QPSK	133297	12RB#0	22.03	PASS
Band71	5MHz	16QAM	133297	12RB#0	21.04	PASS
Band71	5MHz	QPSK	133297	12RB#6	22.04	PASS
Band71	5MHz	16QAM	133297	12RB#6	21.04	PASS
Band71	5MHz	QPSK	133297	12RB#13	22.04	PASS
Band71	5MHz	16QAM	133297	12RB#13	20.99	PASS
Band71	5MHz	QPSK	133297	25RB#0	22.08	PASS
Band71	5MHz	16QAM	133297	25RB#0	20.99	PASS
Band71	5MHz	QPSK	133447	1RB#0	23.03	PASS
Band71	5MHz	16QAM	133447	1RB#0	21.88	PASS
Band71	5MHz	QPSK	133447	1RB#12	23.07	PASS
Band71	5MHz	16QAM	133447	1RB#12	21.97	PASS
Band71	5MHz	QPSK	133447	1RB#24	22.92	PASS
Band71	5MHz	16QAM	133447	1RB#24	21.83	PASS
Band71	5MHz	QPSK	133447	12RB#0	22.04	PASS



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Band71	5MHz	16QAM	133447	12RB#0	21.02	PASS
Band71	5MHz	QPSK	133447	12RB#6	22.02	PASS
Band71	5MHz	16QAM	133447	12RB#6	20.99	PASS
Band71	5MHz	QPSK	133447	12RB#13	21.98	PASS
Band71	5MHz	16QAM	133447	12RB#13	20.93	PASS
Band71	5MHz	QPSK	133447	25RB#0	22.02	PASS
Band71	5MHz	16QAM	133447	25RB#0	21.06	PASS
Band71	10MHz	QPSK	133172	1RB#0	23.05	PASS
Band71	10MHz	16QAM	133172	1RB#0	21.93	PASS
Band71	10MHz	QPSK	133172	1RB#24	23.23	PASS
Band71	10MHz	16QAM	133172	1RB#24	22.04	PASS
Band71	10MHz	QPSK	133172	1RB#49	23.07	PASS
Band71	10MHz	16QAM	133172	1RB#49	21.96	PASS
Band71	10MHz	QPSK	133172	25RB#0	22.15	PASS
Band71	10MHz	16QAM	133172	25RB#0	20.90	PASS
Band71	10MHz	QPSK	133172	25RB#12	22.15	PASS
Band71	10MHz	16QAM	133172	25RB#12	21.16	PASS
Band71	10MHz	QPSK	133172	25RB#25	22.16	PASS
Band71	10MHz	16QAM	133172	25RB#25	21.15	PASS
Band71	10MHz	QPSK	133172	50RB#0	22.15	PASS
Band71	10MHz	16QAM	133172	50RB#0	21.14	PASS
Band71	10MHz	QPSK	133297	1RB#0	23.05	PASS
Band71	10MHz	16QAM	133297	1RB#0	21.74	PASS
Band71	10MHz	QPSK	133297	1RB#24	23.13	PASS
Band71	10MHz	16QAM	133297	1RB#24	21.79	PASS
Band71	10MHz	QPSK	133297	1RB#49	22.64	PASS
Band71	10MHz	16QAM	133297	1RB#49	21.59	PASS
Band71	10MHz	QPSK	133297	25RB#0	22.20	PASS
Band71	10MHz	16QAM	133297	25RB#0	21.21	PASS
Band71	10MHz	QPSK	133297	25RB#12	22.15	PASS
Band71	10MHz	16QAM	133297	25RB#12	21.18	PASS
Band71	10MHz	QPSK	133297	25RB#25	22.04	PASS
Band71	10MHz	16QAM	133297	25RB#25	21.09	PASS
Band71	10MHz	QPSK	133297	50RB#0	22.17	PASS
Band71	10MHz	16QAM	133297	50RB#0	21.16	PASS
Band71	10MHz	QPSK	133422	1RB#0	22.97	PASS
Band71	10MHz	16QAM	133422	1RB#0	21.98	PASS
Band71	10MHz	QPSK	133422	1RB#24	23.15	PASS
Band71	10MHz	16QAM	133422	1RB#24	22.10	PASS
Band71	10MHz	QPSK	133422	1RB#49	22.74	PASS



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Band71	10MHz	16QAM	133422	1RB#49	21.89	PASS
Band71	10MHz	QPSK	133422	25RB#0	22.21	PASS
Band71	10MHz	16QAM	133422	25RB#0	21.14	PASS
Band71	10MHz	QPSK	133422	25RB#12	22.20	PASS
Band71	10MHz	16QAM	133422	25RB#12	21.13	PASS
Band71	10MHz	QPSK	133422	25RB#25	22.05	PASS
Band71	10MHz	16QAM	133422	25RB#25	21.00	PASS
Band71	10MHz	QPSK	133422	50RB#0	22.09	PASS
Band71	10MHz	16QAM	133422	50RB#0	21.09	PASS
Band71	15MHz	QPSK	133197	1RB#0	22.89	PASS
Band71	15MHz	16QAM	133197	1RB#0	22.12	PASS
Band71	15MHz	QPSK	133197	1RB#38	23.06	PASS
Band71	15MHz	16QAM	133197	1RB#38	22.16	PASS
Band71	15MHz	QPSK	133197	1RB#74	22.93	PASS
Band71	15MHz	16QAM	133197	1RB#74	22.08	PASS
Band71	15MHz	QPSK	133197	38RB#0	22.10	PASS
Band71	15MHz	16QAM	133197	38RB#0	22.04	PASS
Band71	15MHz	QPSK	133197	38RB#18	22.16	PASS
Band71	15MHz	16QAM	133197	38RB#18	22.20	PASS
Band71	15MHz	QPSK	133197	38RB#37	22.15	PASS
Band71	15MHz	16QAM	133197	38RB#37	22.11	PASS
Band71	15MHz	QPSK	133197	75RB#0	22.06	PASS
Band71	15MHz	16QAM	133197	75RB#0	21.11	PASS
Band71	15MHz	QPSK	133297	1RB#0	22.98	PASS
Band71	15MHz	16QAM	133297	1RB#0	22.08	PASS
Band71	15MHz	QPSK	133297	1RB#38	23.04	PASS
Band71	15MHz	16QAM	133297	1RB#38	22.11	PASS
Band71	15MHz	QPSK	133297	1RB#74	22.91	PASS
Band71	15MHz	16QAM	133297	1RB#74	21.99	PASS
Band71	15MHz	QPSK	133297	38RB#0	22.08	PASS
Band71	15MHz	16QAM	133297	38RB#0	22.01	PASS
Band71	15MHz	QPSK	133297	38RB#18	22.14	PASS
Band71	15MHz	16QAM	133297	38RB#18	22.14	PASS
Band71	15MHz	QPSK	133297	38RB#37	22.01	PASS
Band71	15MHz	16QAM	133297	38RB#37	21.91	PASS
Band71	15MHz	QPSK	133297	75RB#0	22.12	PASS
Band71	15MHz	16QAM	133297	75RB#0	21.06	PASS
Band71	15MHz	QPSK	133397	1RB#0	22.86	PASS
Band71	15MHz	16QAM	133397	1RB#0	22.08	PASS
Band71	15MHz	QPSK	133397	1RB#38	22.97	PASS



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Band71	15MHz	16QAM	133397	1RB#38	22.08	PASS
Band71	15MHz	QPSK	133397	1RB#74	22.88	PASS
Band71	15MHz	16QAM	133397	1RB#74	22.10	PASS
Band71	15MHz	QPSK	133397	38RB#0	22.05	PASS
Band71	15MHz	16QAM	133397	38RB#0	22.05	PASS
Band71	15MHz	QPSK	133397	38RB#18	22.16	PASS
Band71	15MHz	16QAM	133397	38RB#18	22.13	PASS
Band71	15MHz	QPSK	133397	38RB#37	22.04	PASS
Band71	15MHz	16QAM	133397	38RB#37	22.04	PASS
Band71	15MHz	QPSK	133397	75RB#0	22.09	PASS
Band71	15MHz	16QAM	133397	75RB#0	21.08	PASS
Band71	20MHz	QPSK	133222	1RB#0	22.87	PASS
Band71	20MHz	16QAM	133222	1RB#0	22.00	PASS
Band71	20MHz	QPSK	133222	1RB#49	23.23	PASS
Band71	20MHz	16QAM	133222	1RB#49	22.42	PASS
Band71	20MHz	QPSK	133222	1RB#99	22.81	PASS
Band71	20MHz	16QAM	133222	1RB#99	21.97	PASS
Band71	20MHz	QPSK	133222	50RB#0	22.05	PASS
Band71	20MHz	16QAM	133222	50RB#0	21.02	PASS
Band71	20MHz	QPSK	133222	50RB#25	22.04	PASS
Band71	20MHz	16QAM	133222	50RB#25	21.03	PASS
Band71	20MHz	QPSK	133222	50RB#50	22.05	PASS
Band71	20MHz	16QAM	133222	50RB#50	21.09	PASS
Band71	20MHz	QPSK	133222	100RB#0	22.04	PASS
Band71	20MHz	16QAM	133222	100RB#0	21.02	PASS
Band71	20MHz	QPSK	133322	1RB#0	22.92	PASS
Band71	20MHz	16QAM	133322	1RB#0	21.86	PASS
Band71	20MHz	QPSK	133322	1RB#49	23.20	PASS
Band71	20MHz	16QAM	133322	1RB#49	22.09	PASS
Band71	20MHz	QPSK	133322	1RB#99	22.84	PASS
Band71	20MHz	16QAM	133322	1RB#99	21.59	PASS
Band71	20MHz	QPSK	133322	50RB#0	22.21	PASS
Band71	20MHz	16QAM	133322	50RB#0	21.20	PASS
Band71	20MHz	QPSK	133322	50RB#25	22.22	PASS
Band71	20MHz	16QAM	133322	50RB#25	21.23	PASS
Band71	20MHz	QPSK	133322	50RB#50	22.12	PASS
Band71	20MHz	16QAM	133322	50RB#50	21.07	PASS
Band71	20MHz	QPSK	133322	100RB#0	22.18	PASS
Band71	20MHz	16QAM	133322	100RB#0	21.14	PASS
Band71	20MHz	QPSK	133372	1RB#0	22.88	PASS



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Band71	20MHz	16QAM	133372	1RB#0	22.01	PASS
Band71	20MHz	QPSK	133372	1RB#49	23.23	PASS
Band71	20MHz	16QAM	133372	1RB#49	22.34	PASS
Band71	20MHz	QPSK	133372	1RB#99	22.79	PASS
Band71	20MHz	16QAM	133372	1RB#99	21.95	PASS
Band71	20MHz	QPSK	133372	50RB#0	22.11	PASS
Band71	20MHz	16QAM	133372	50RB#0	21.16	PASS
Band71	20MHz	QPSK	133372	50RB#25	22.18	PASS
Band71	20MHz	16QAM	133372	50RB#25	21.15	PASS
Band71	20MHz	QPSK	133372	50RB#50	22.11	PASS
Band71	20MHz	16QAM	133372	50RB#50	21.09	PASS
Band71	20MHz	QPSK	133372	100RB#0	22.08	PASS
Band71	20MHz	16QAM	133372	100RB#0	21.10	PASS



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	5.07	13	PASS
Band71	5MHz	16QAM	133147	1RB#0	5.57	13	PASS
Band71	5MHz	QPSK	133147	25RB#0	5.65	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	6.27	13	PASS
Band71	5MHz	QPSK	133297	1RB#0	5.57	13	PASS
Band71	5MHz	16QAM	133297	1RB#0	5.90	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	5.71	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	6.31	13	PASS
Band71	5MHz	QPSK	133447	1RB#0	5.50	13	PASS
Band71	5MHz	16QAM	133447	1RB#0	5.85	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	5.67	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	6.29	13	PASS
Band71	10MHz	QPSK	133172	1RB#0	4.85	13	PASS
Band71	10MHz	16QAM	133172	1RB#0	5.67	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	5.64	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	6.25	13	PASS
Band71	10MHz	QPSK	133297	1RB#0	5.28	13	PASS
Band71	10MHz	16QAM	133297	1RB#0	6.15	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	5.66	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	6.31	13	PASS
Band71	10MHz	QPSK	133422	1RB#0	5.37	13	PASS
Band71	10MHz	16QAM	133422	1RB#0	6.22	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	5.65	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	6.30	13	PASS
Band71	15MHz	QPSK	133197	1RB#0	4.90	13	PASS
Band71	15MHz	16QAM	133197	1RB#0	5.79	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	5.86	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	6.30	13	PASS
Band71	15MHz	QPSK	133297	1RB#0	5.26	13	PASS
Band71	15MHz	16QAM	133297	1RB#0	6.09	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	5.92	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	6.36	13	PASS
Band71	15MHz	QPSK	133397	1RB#0	5.36	13	PASS
Band71	15MHz	16QAM	133397	1RB#0	6.21	13	PASS



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Band71	15MHz	QPSK	133397	75RB#0	5.97	13	PASS
Band71	15MHz	16QAM	133397	75RB#0	6.39	13	PASS
Band71	20MHz	QPSK	133222	1RB#0	4.93	13	PASS
Band71	20MHz	16QAM	133222	1RB#0	5.59	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.57	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.27	13	PASS
Band71	20MHz	QPSK	133322	1RB#0	5.07	13	PASS
Band71	20MHz	16QAM	133322	1RB#0	5.67	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.60	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.32	13	PASS
Band71	20MHz	QPSK	133372	1RB#0	5.46	13	PASS
Band71	20MHz	16QAM	133372	1RB#0	6.23	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.70	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.32	13	PASS



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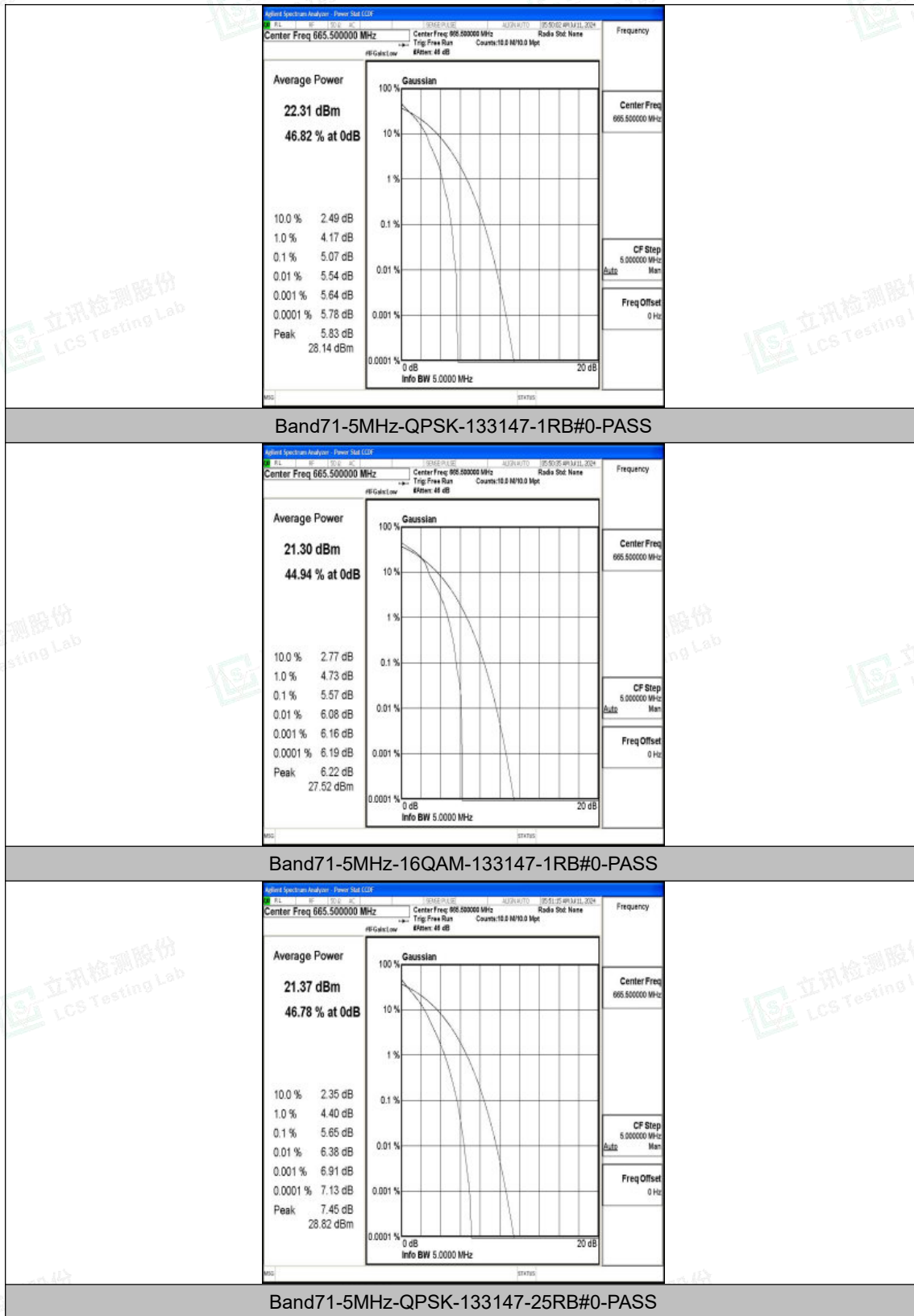
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Test Graphs

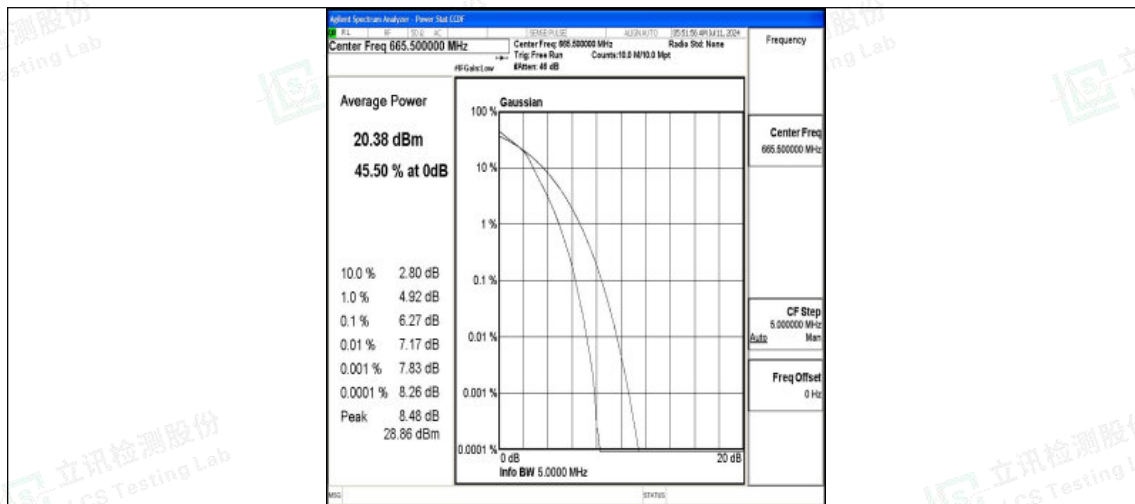


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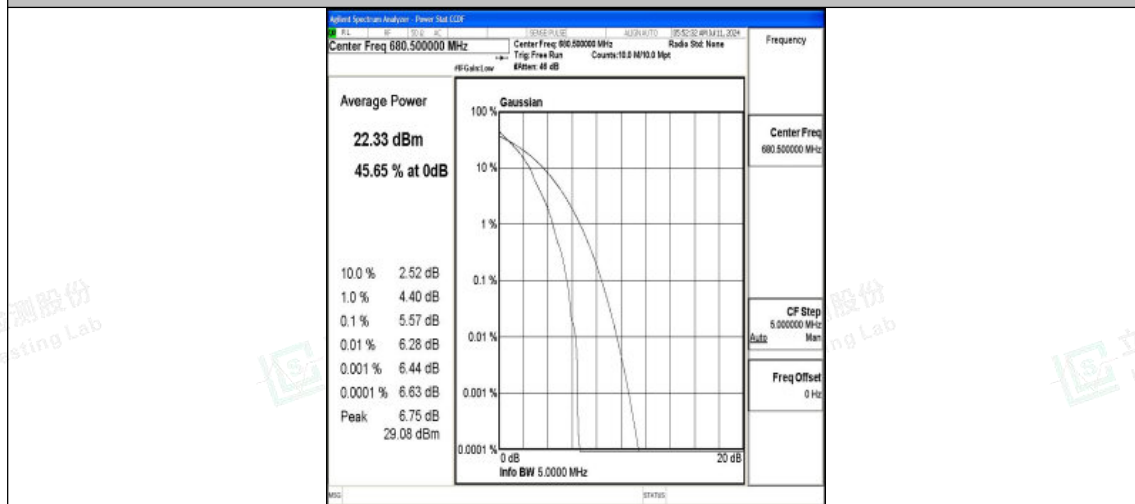
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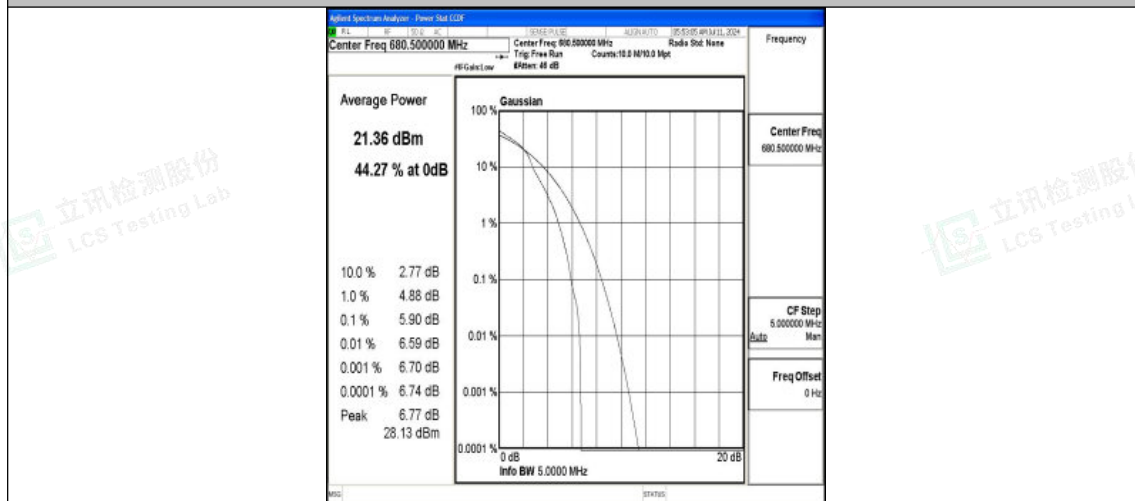
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Band71-5MHz-16QAM-133147-25RB#0-PASS



Band71-5MHz-QPSK-133297-1RB#0-PASS



Band71-5MHz-16QAM-133297-1RB#0-PASS

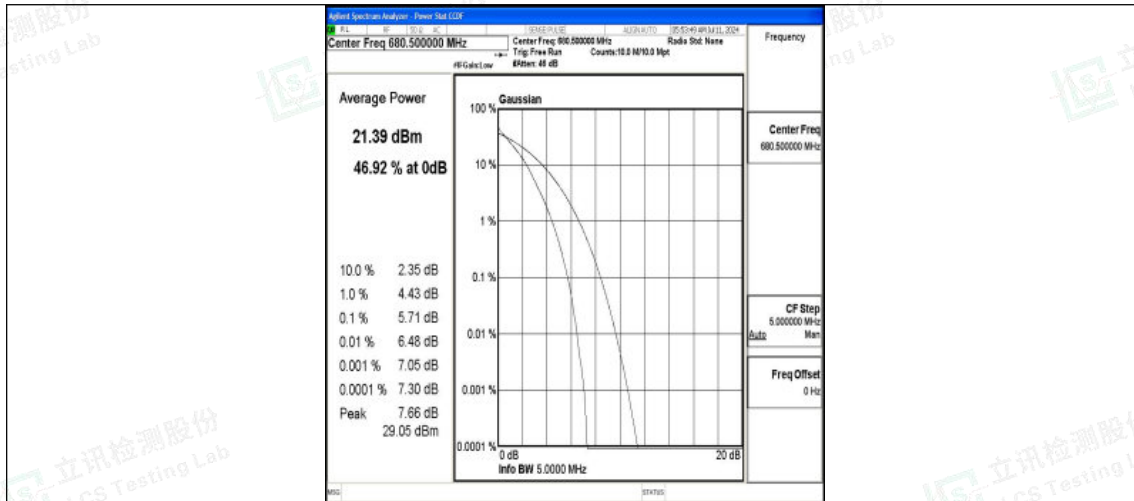


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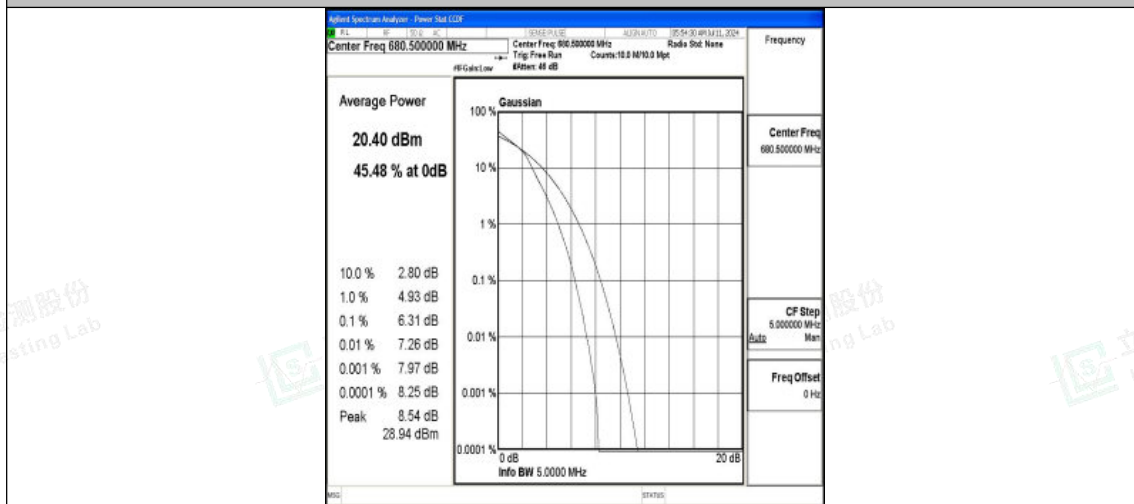
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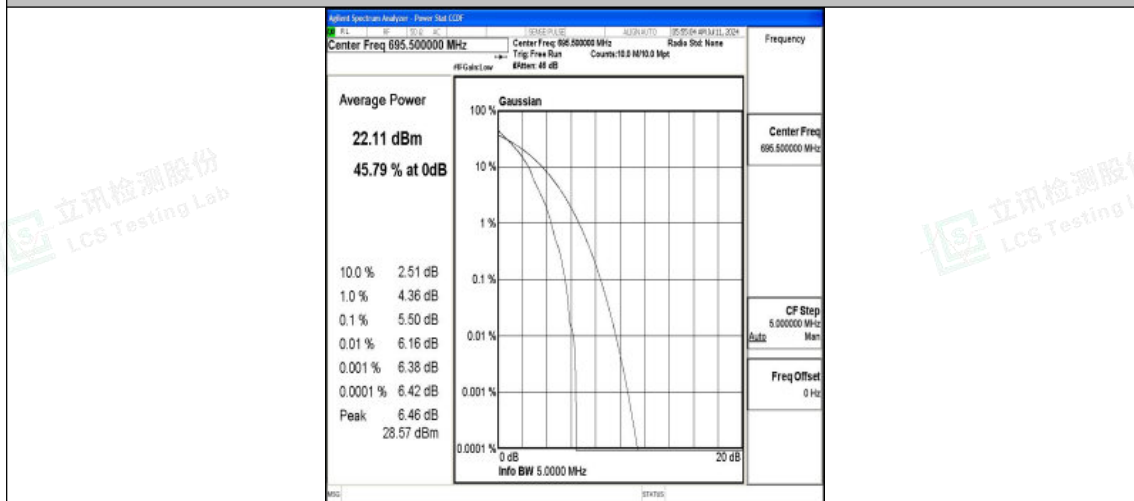
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Band71-5MHz-QPSK-133297-25RB#0-PASS



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



Band71-5MHz-QPSK-133447-1RB#0-PASS

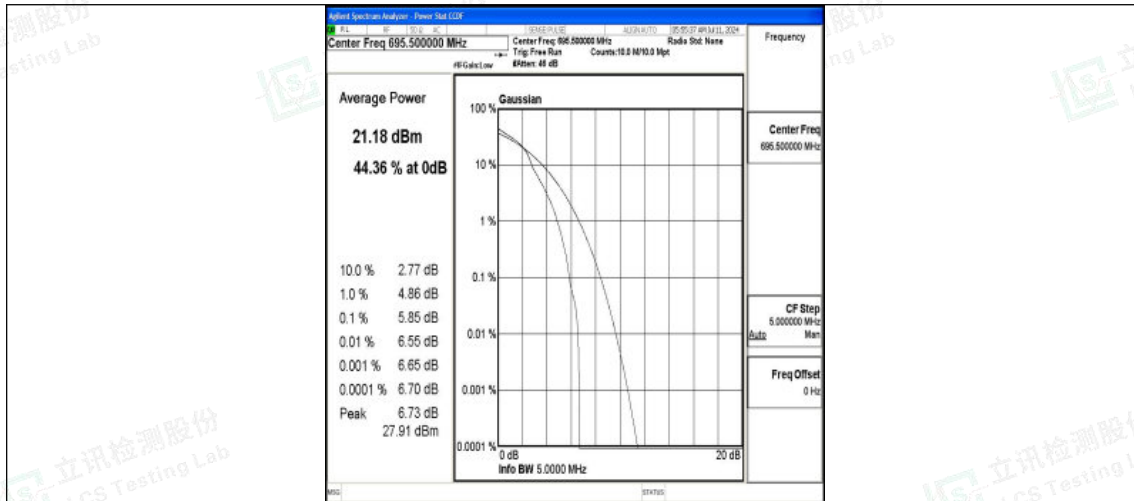


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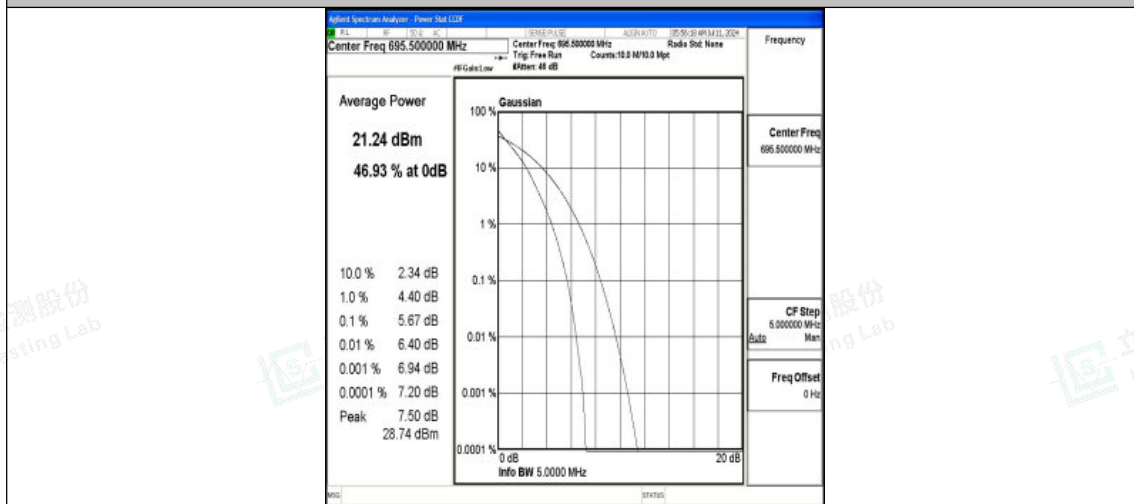
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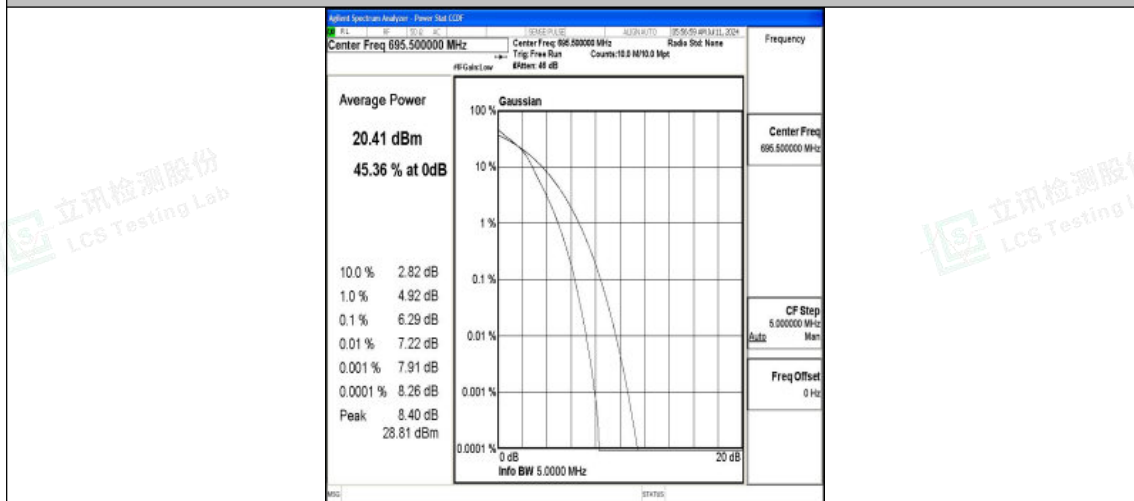
Scan code to check authenticity



Band71-5MHz-16QAM-133447-1RB#0-PASS



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



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

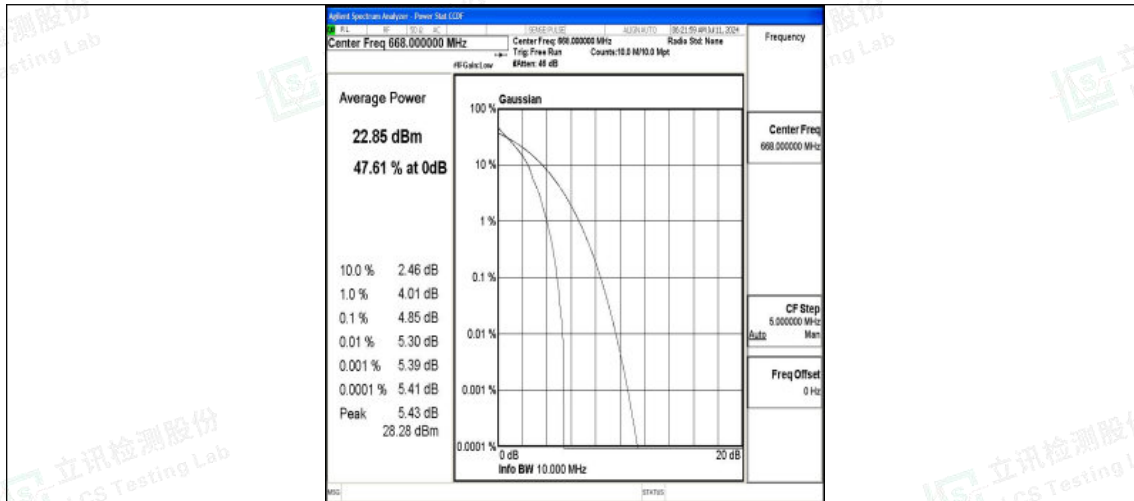


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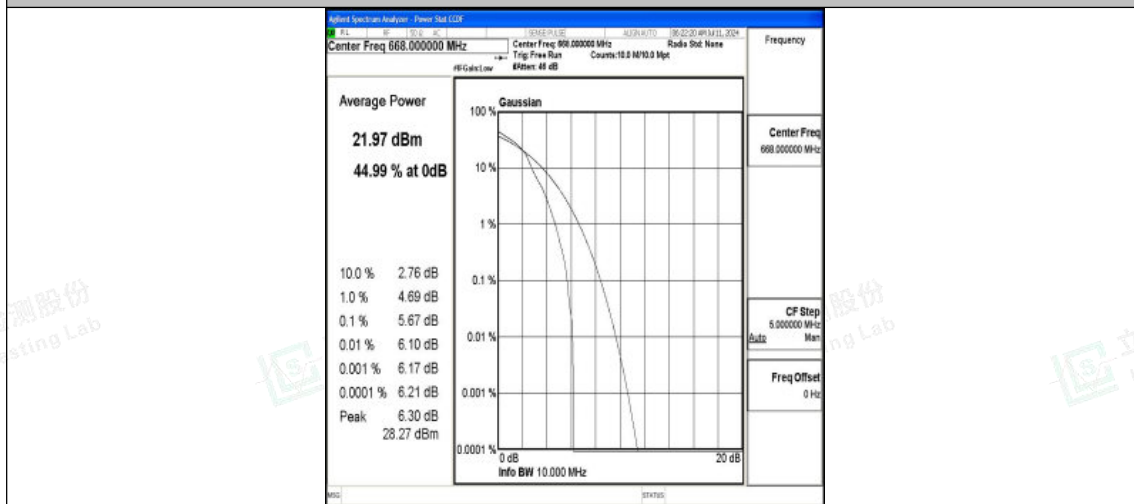
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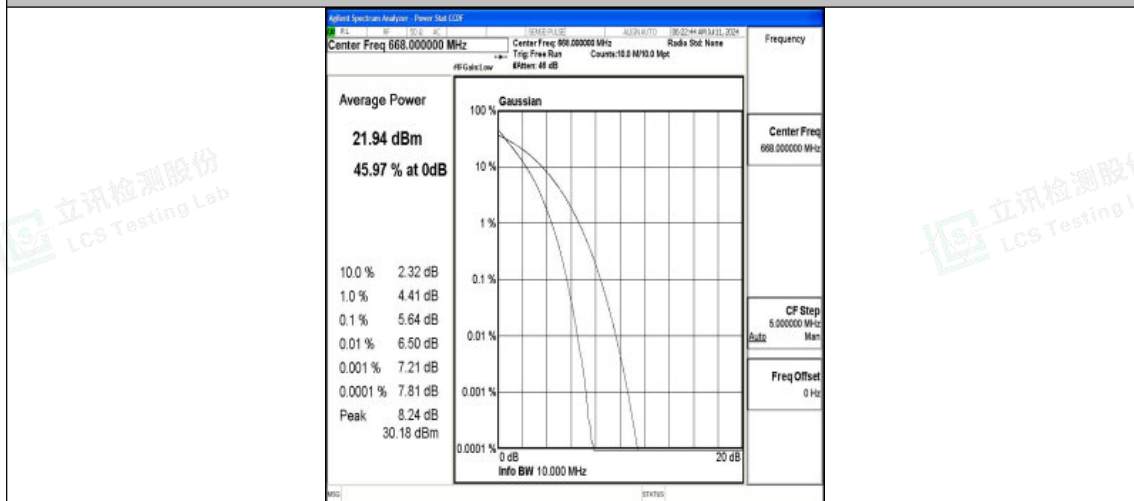
Scan code to check authenticity



Band71-10MHz-QPSK-133172-1RB#0-PASS



Band71-10MHz-16QAM-133172-1RB#0-PASS



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

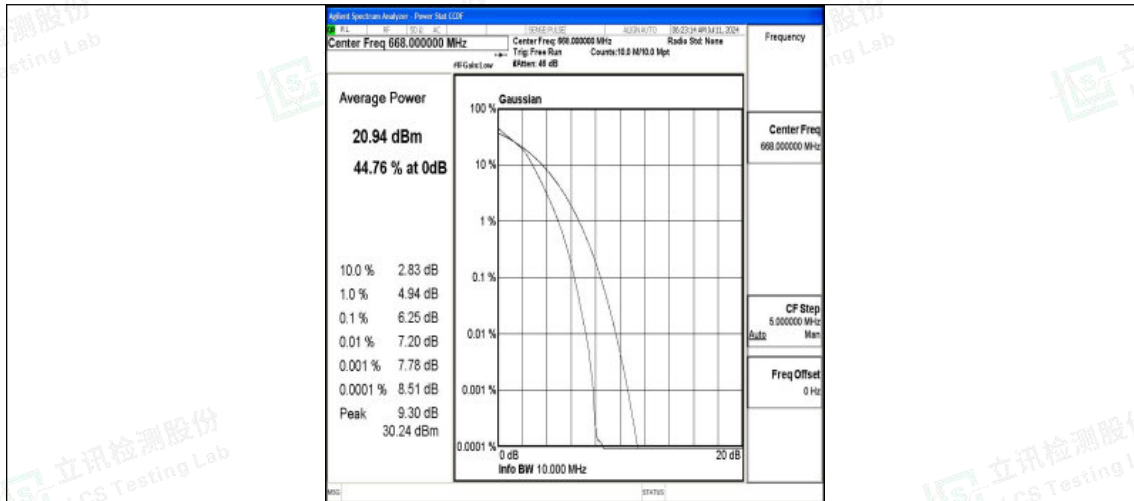


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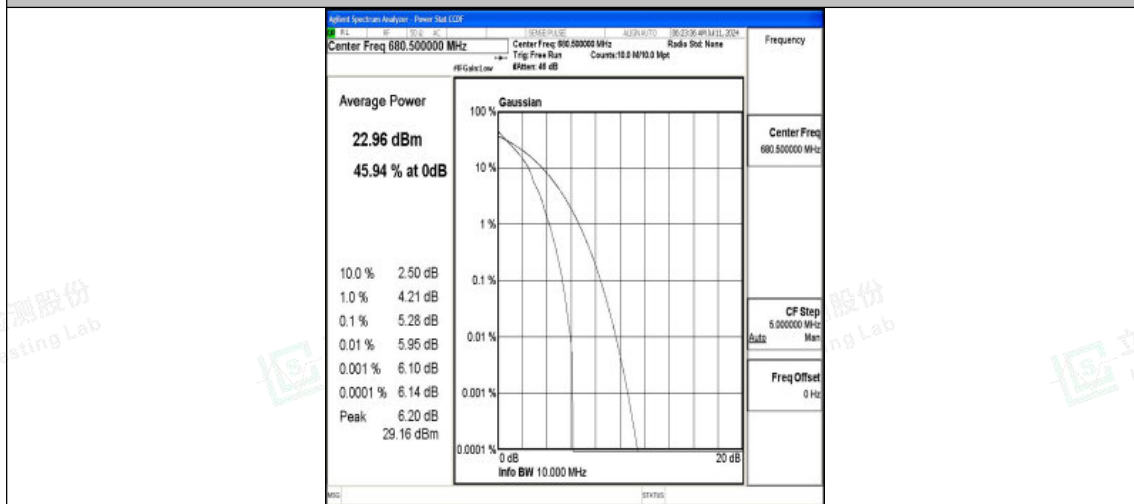
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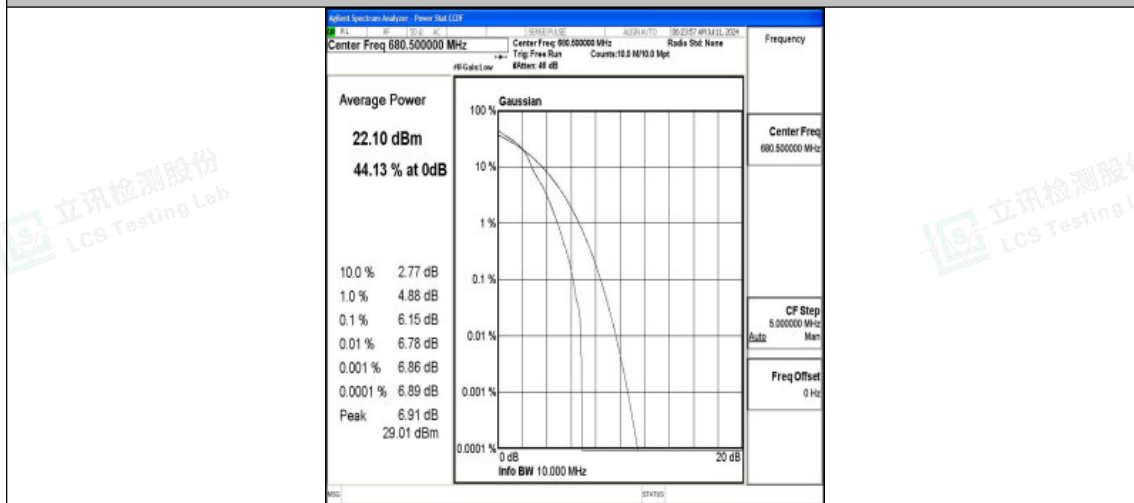
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Band71-10MHz-16QAM-133172-50RB#0-PASS



Band71-10MHz-QPSK-133297-1RB#0-PASS



Band71-10MHz-16QAM-133297-1RB#0-PASS

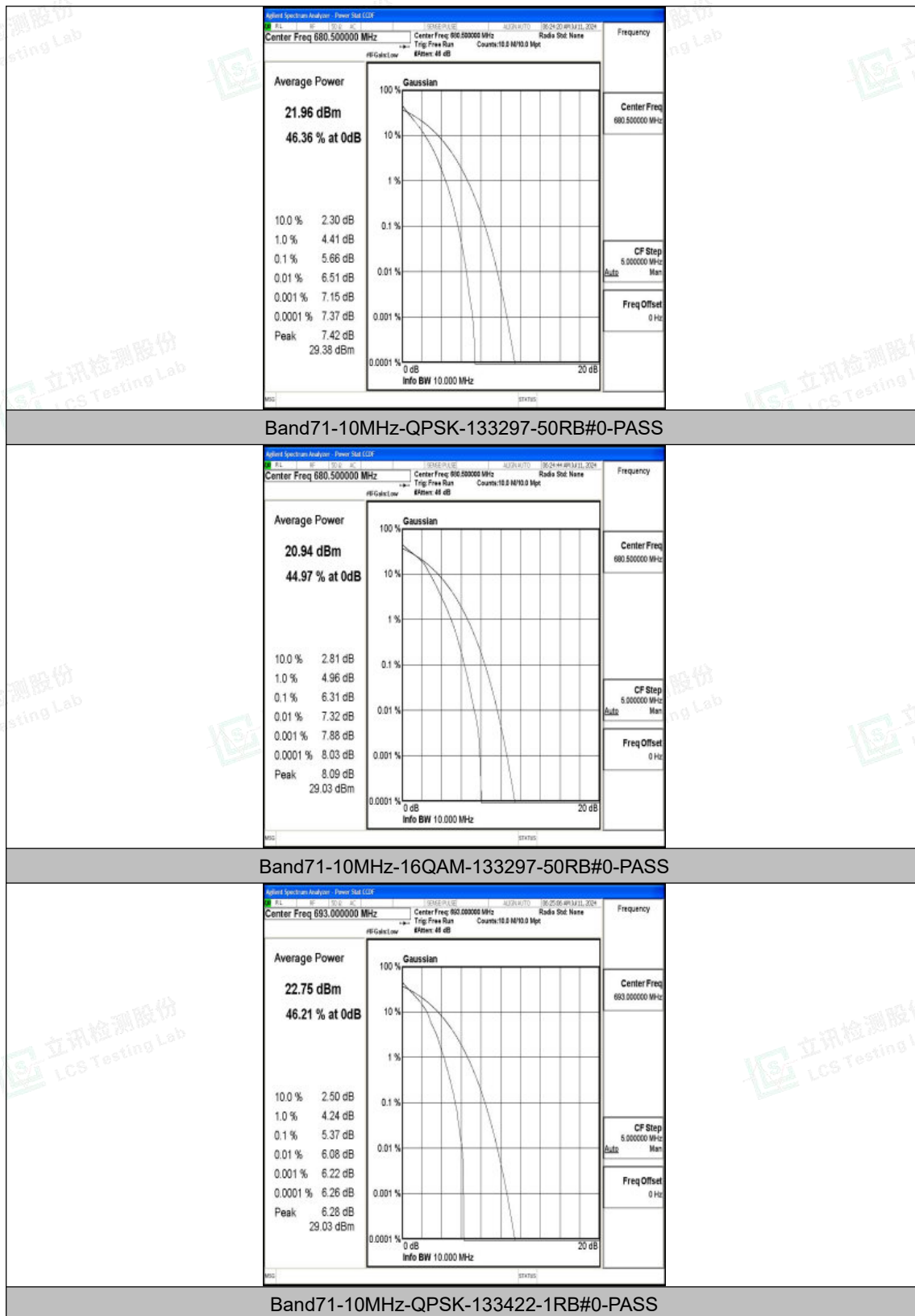


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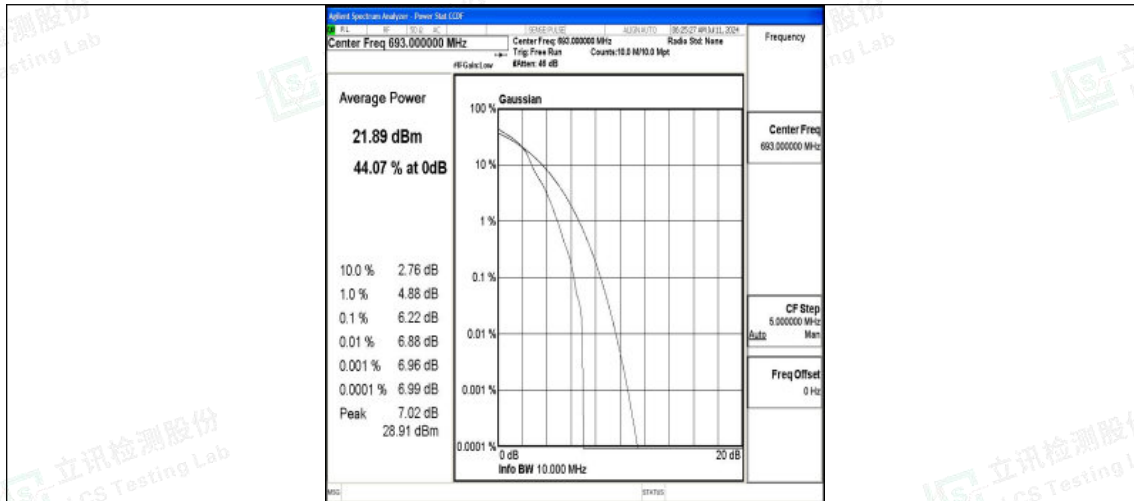


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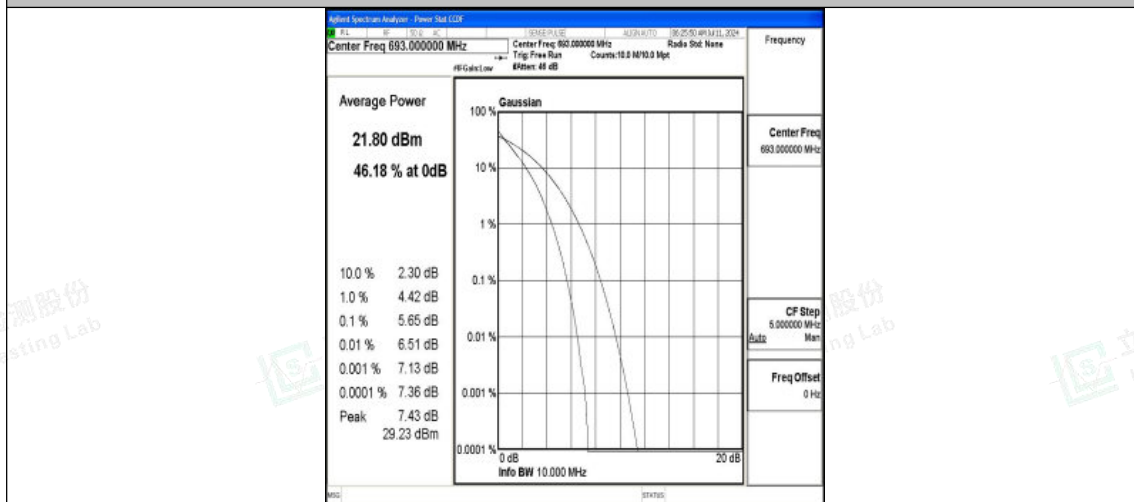
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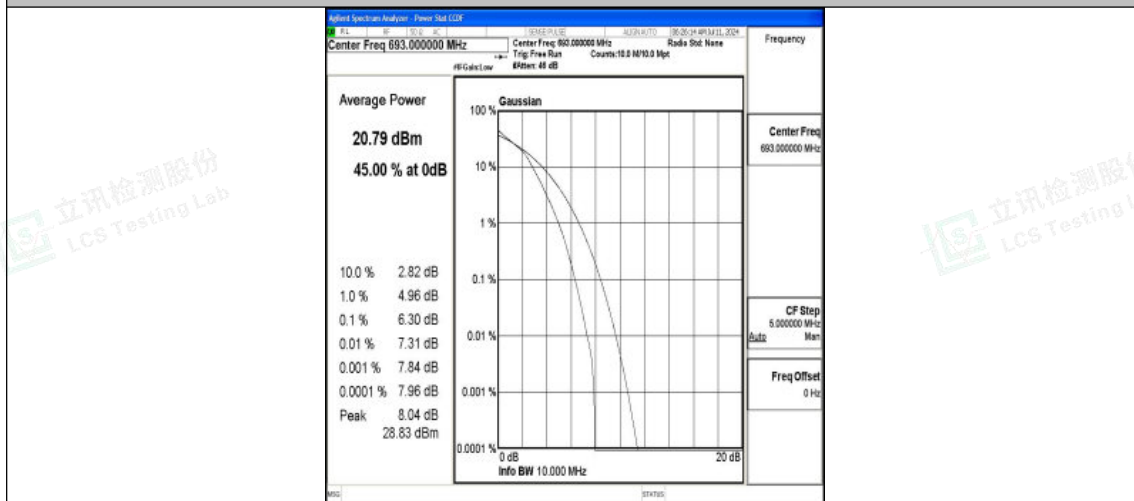
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Band71-10MHz-16QAM-133422-1RB#0-PASS



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



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

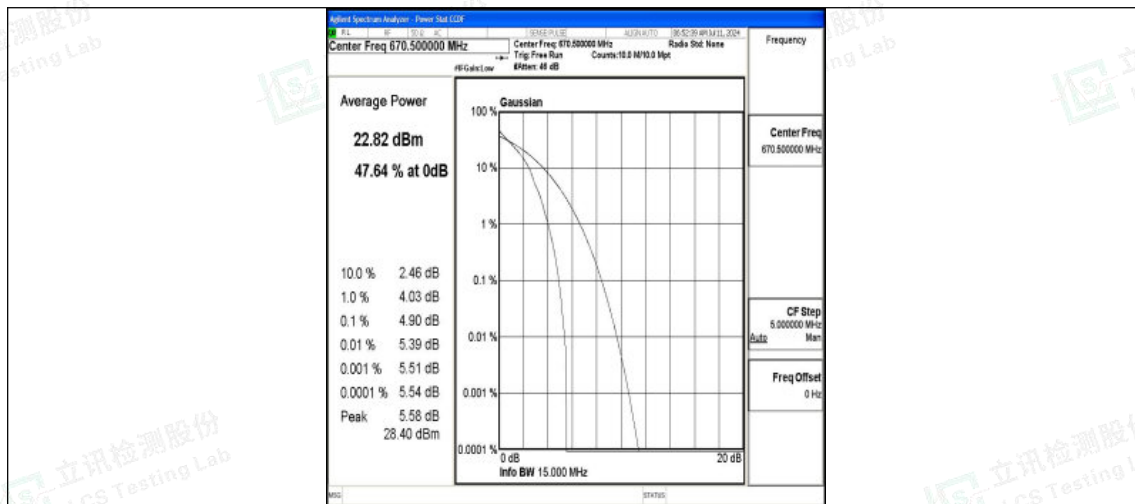


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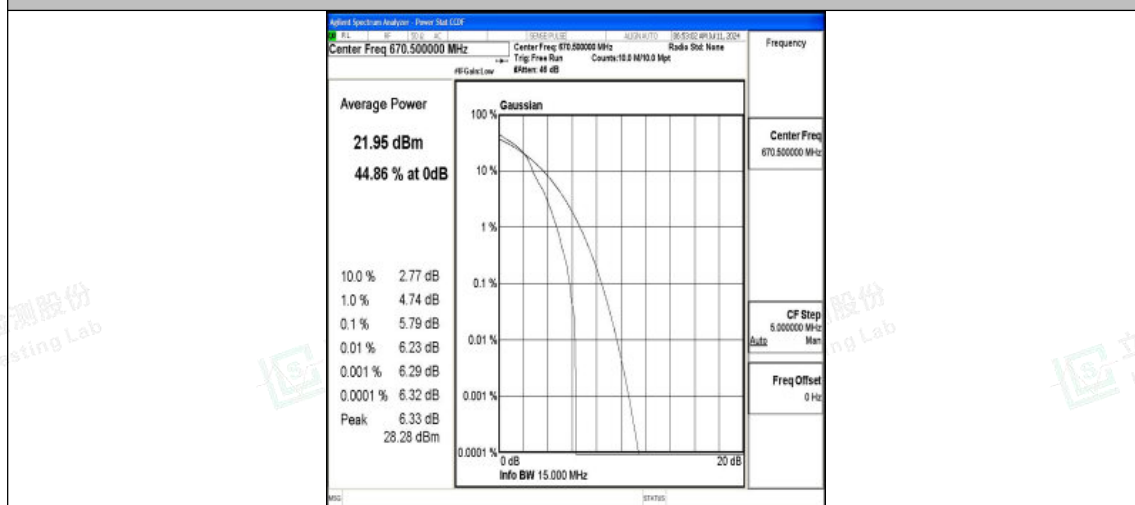
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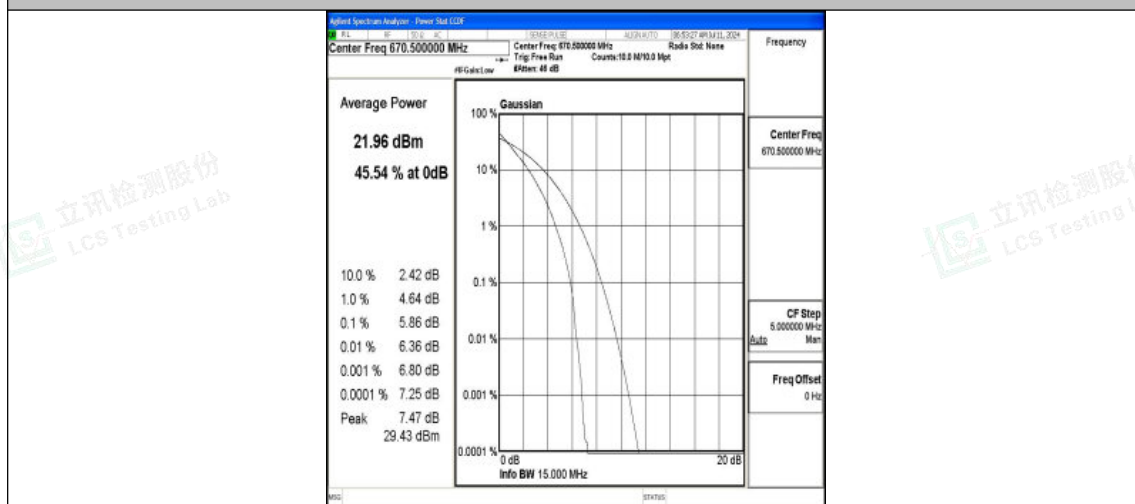
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Band71-15MHz-QPSK-133197-1RB#0-PASS



Band71-15MHz-16QAM-133197-1RB#0-PASS



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

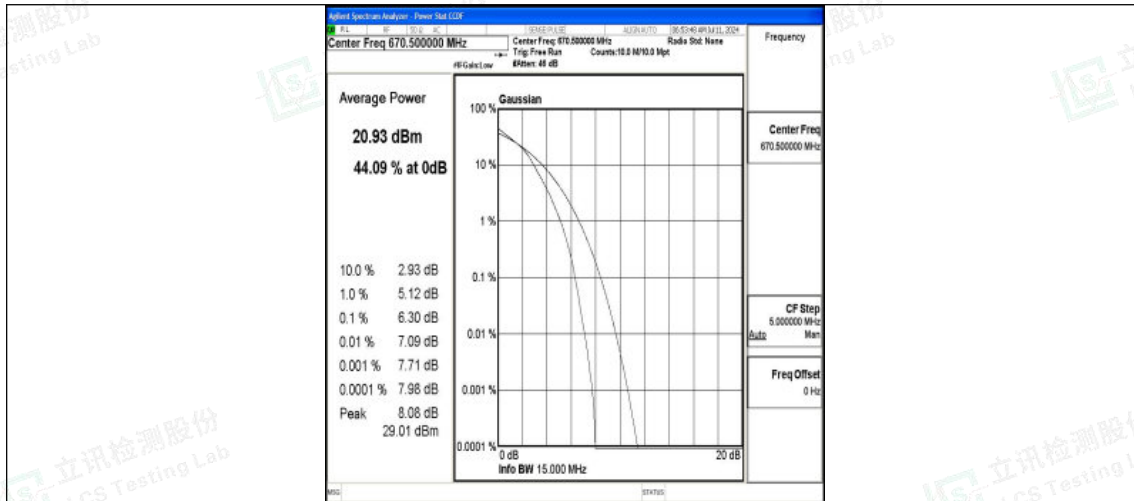


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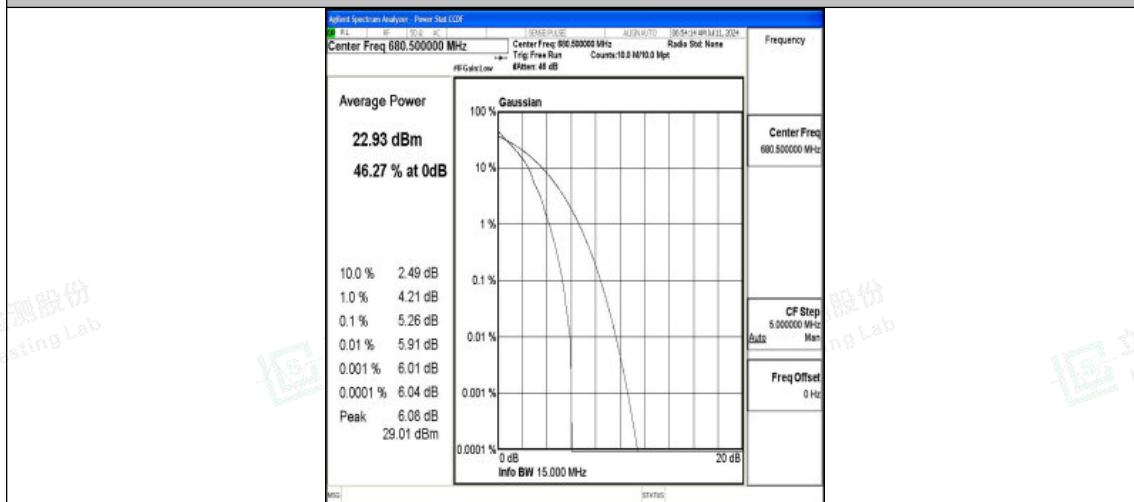
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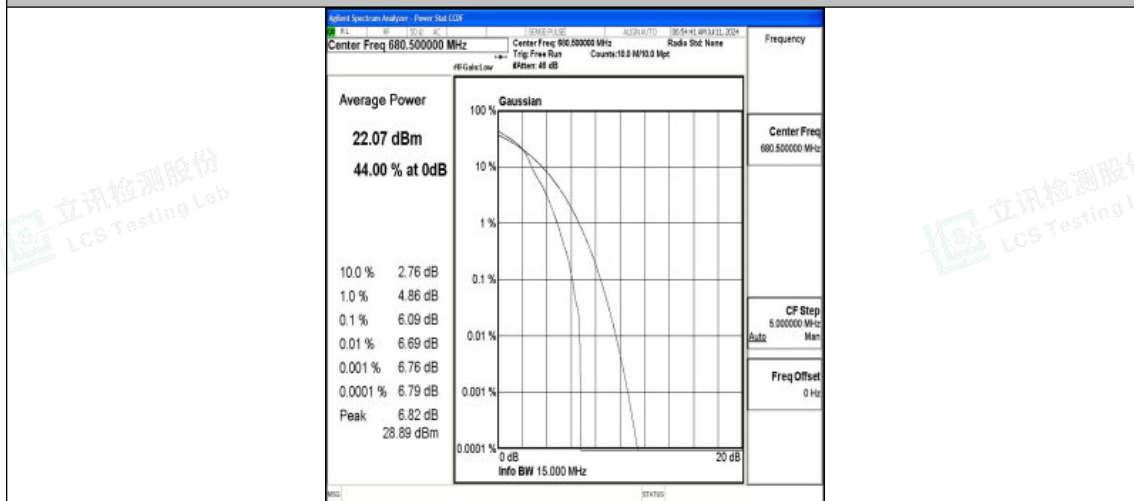
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Band71-15MHz-16QAM-133197-75RB#0-PASS



Band71-15MHz-QPSK-133297-1RB#0-PASS



Band71-15MHz-16QAM-133297-1RB#0-PASS

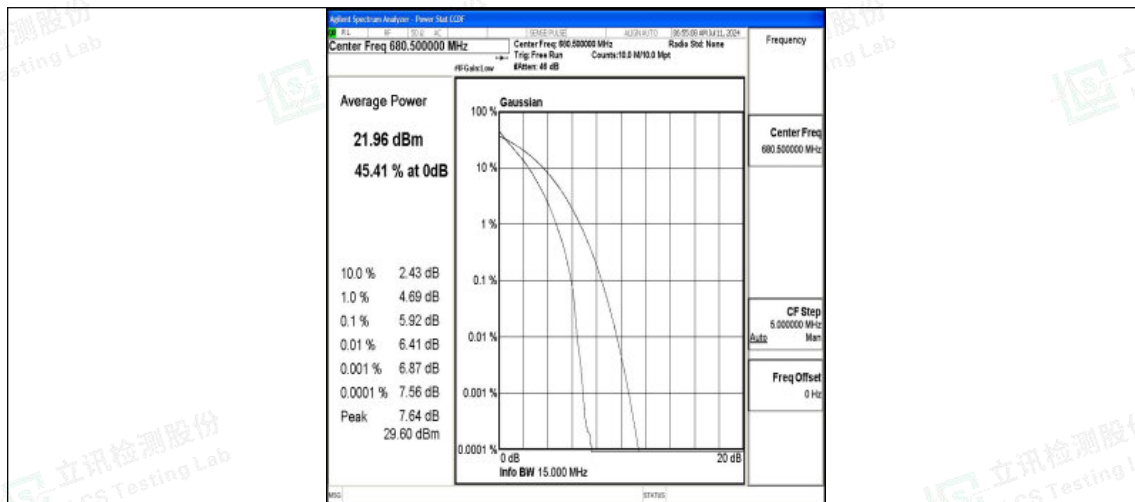


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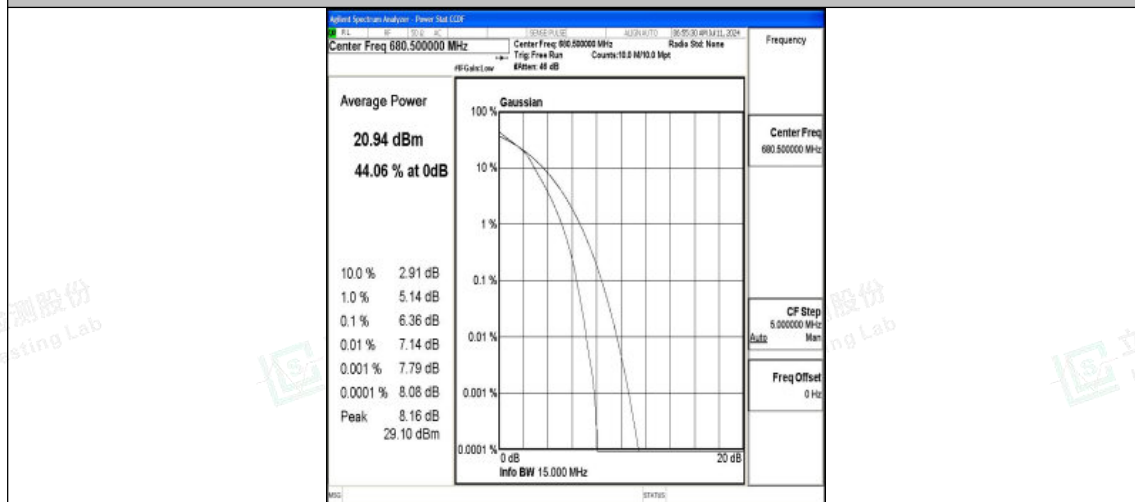
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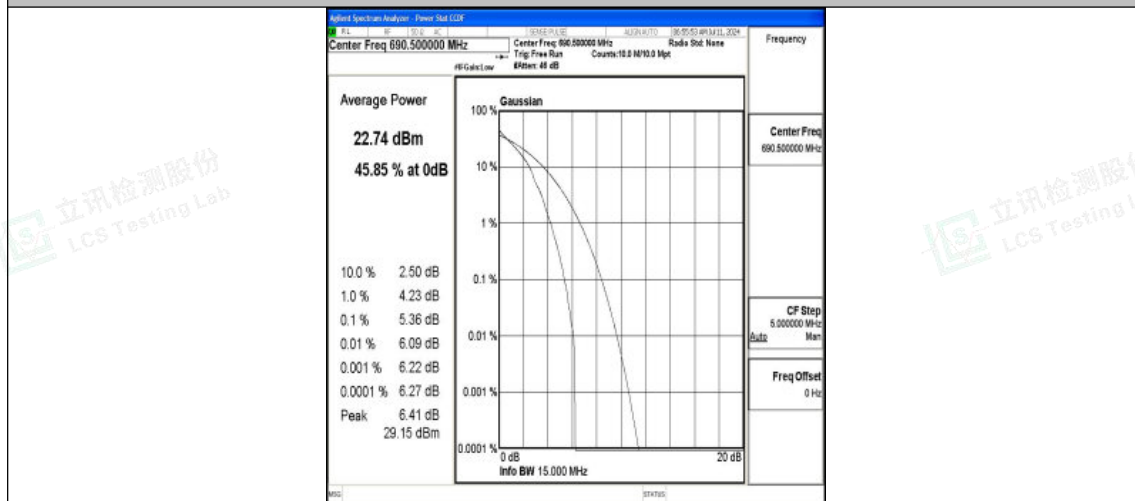
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Band71-15MHz-QPSK-133397-1RB#0-PASS

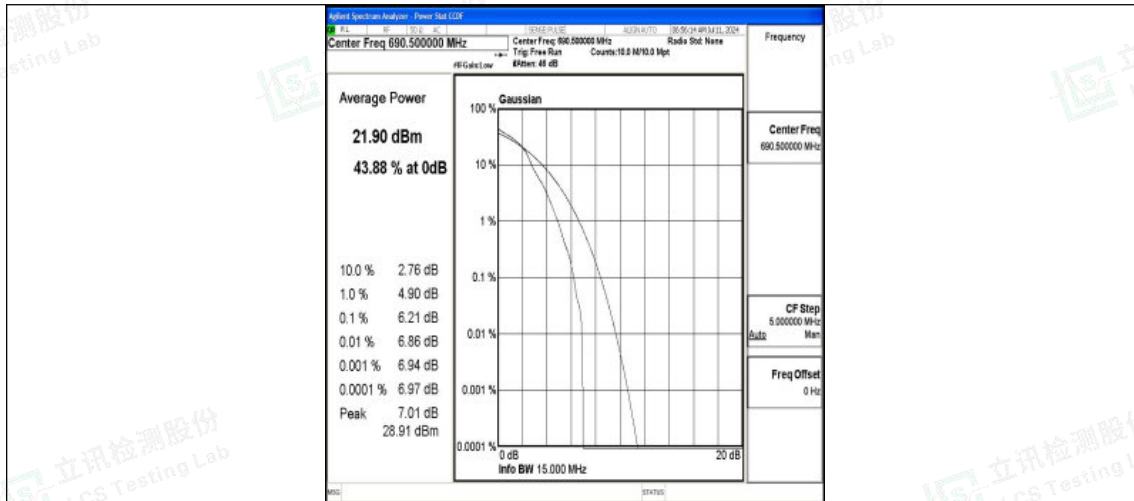


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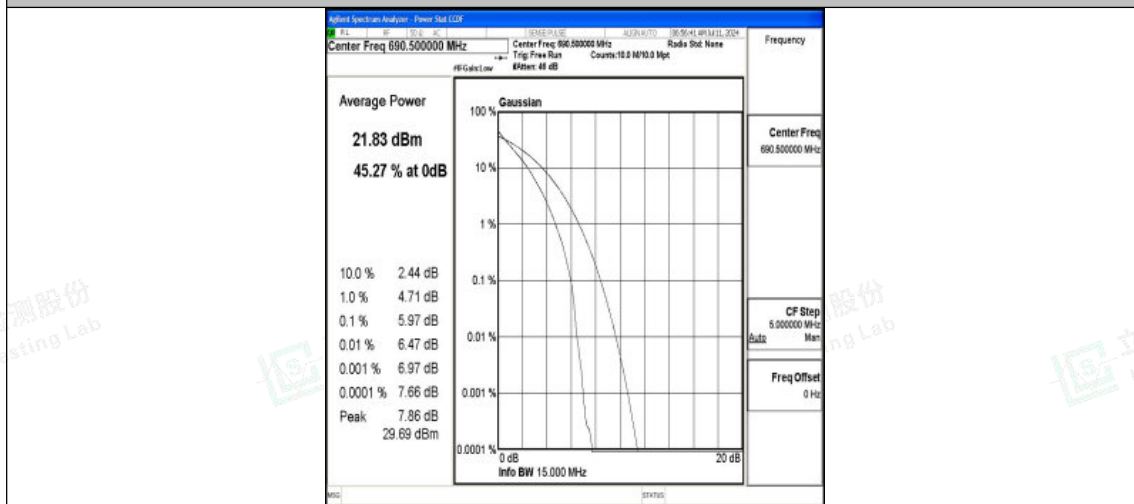
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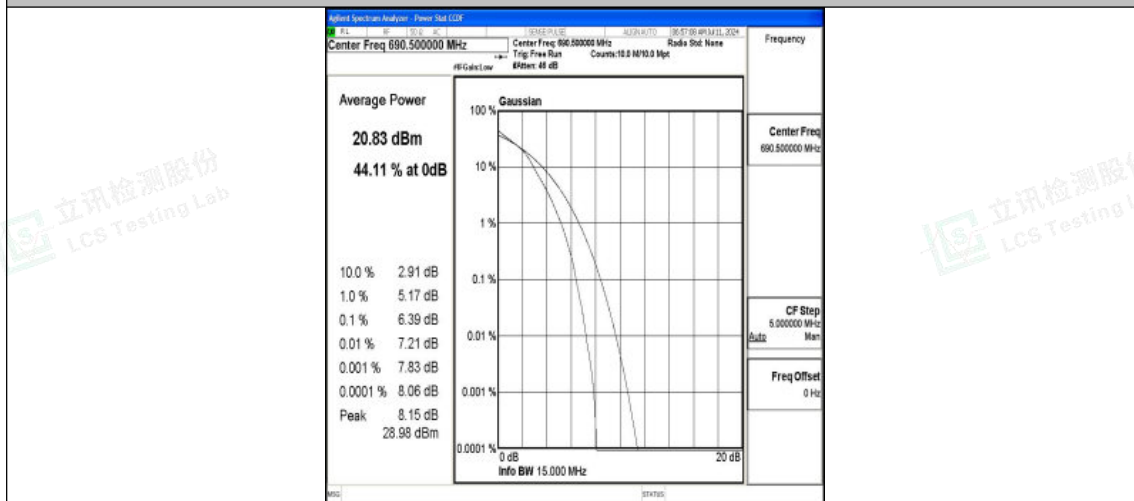
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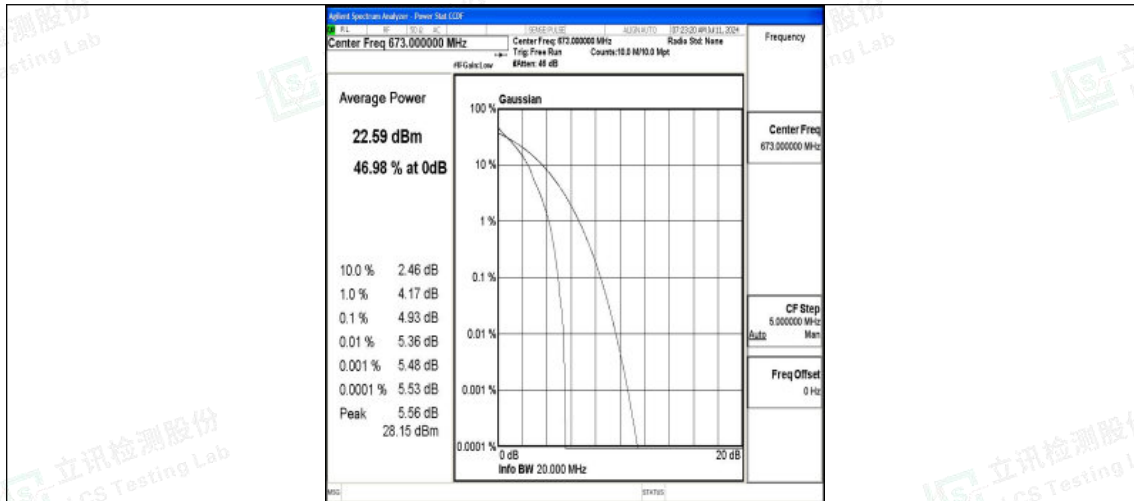


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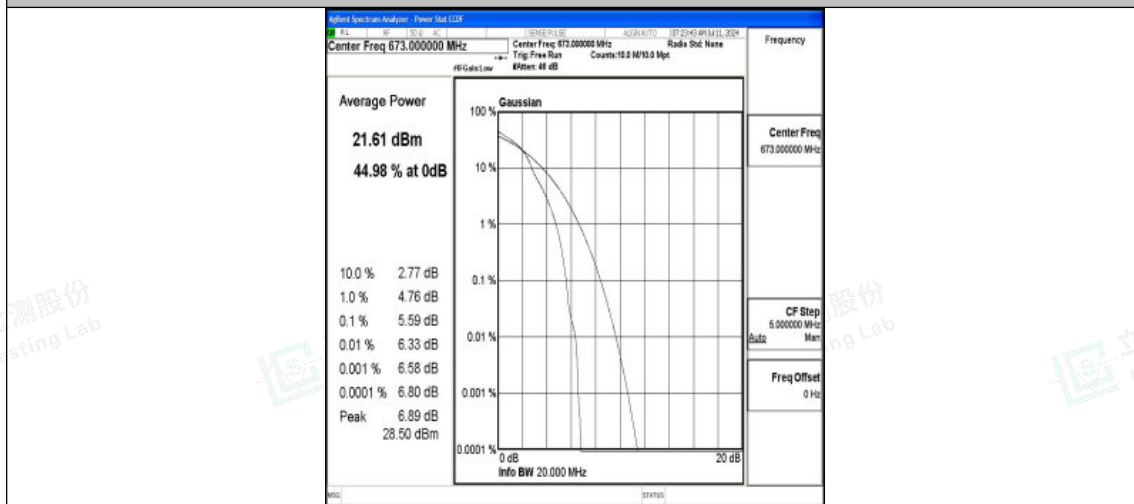
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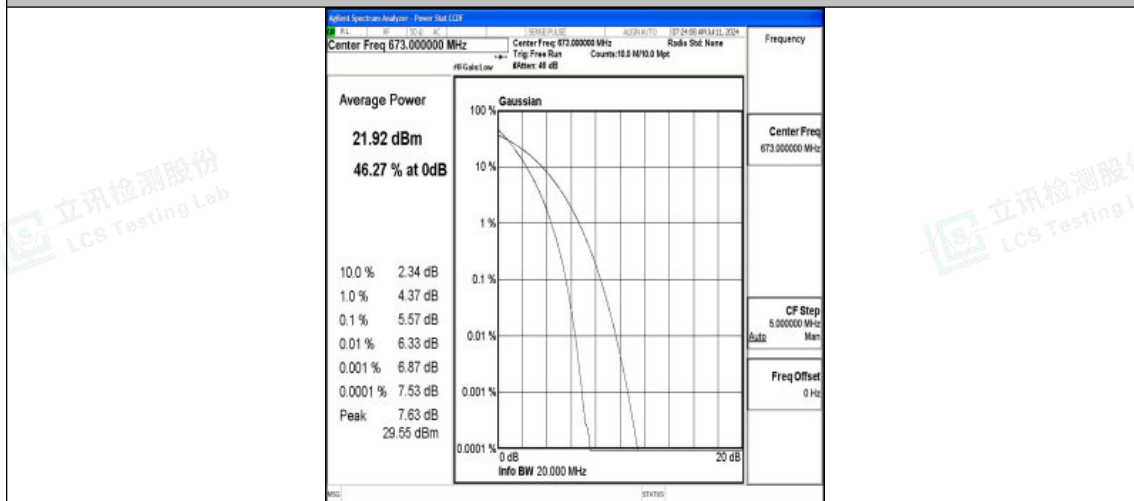
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Band71-20MHz-QPSK-133222-1RB#0-PASS



Band71-20MHz-16QAM-133222-1RB#0-PASS



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

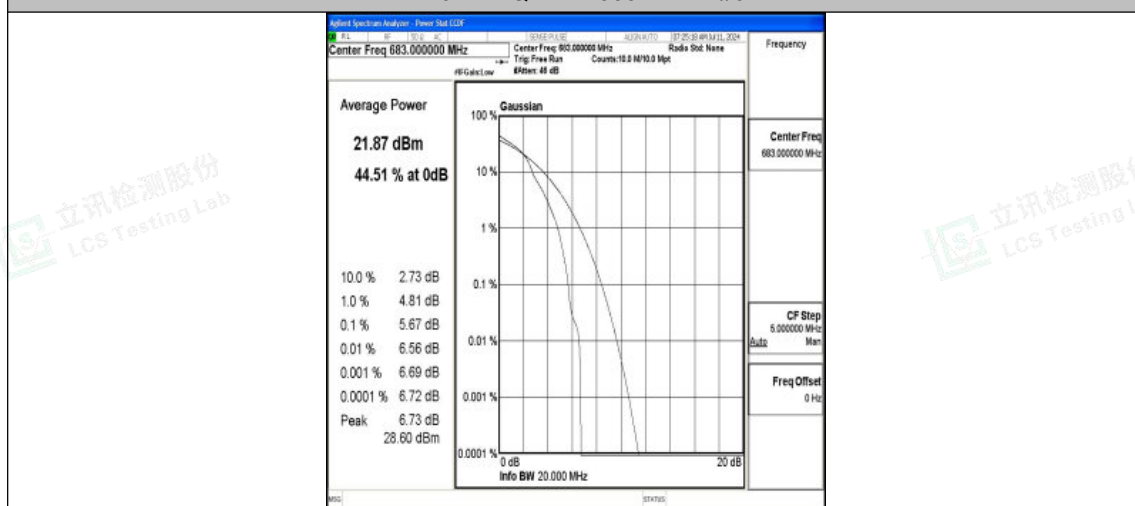
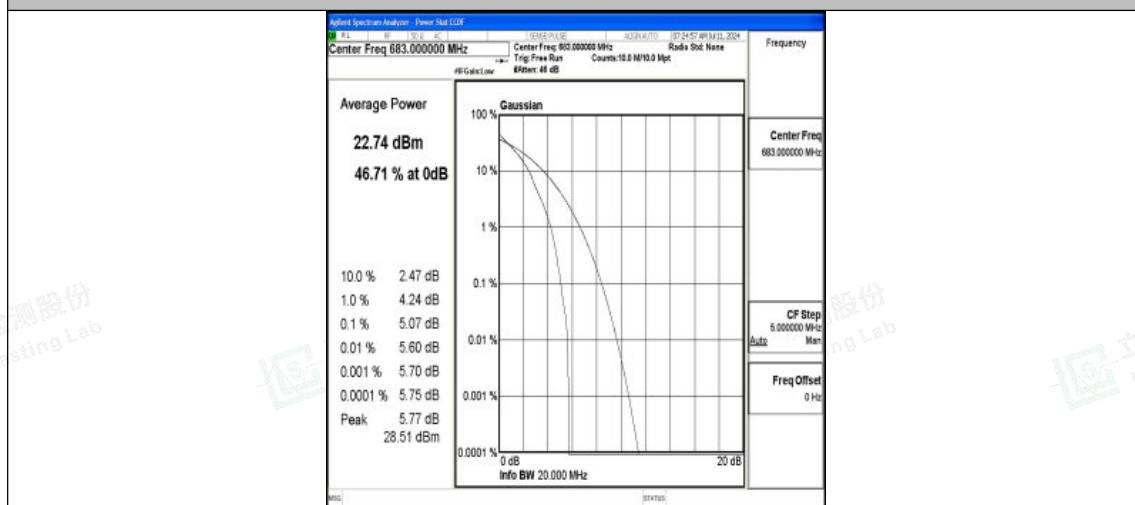
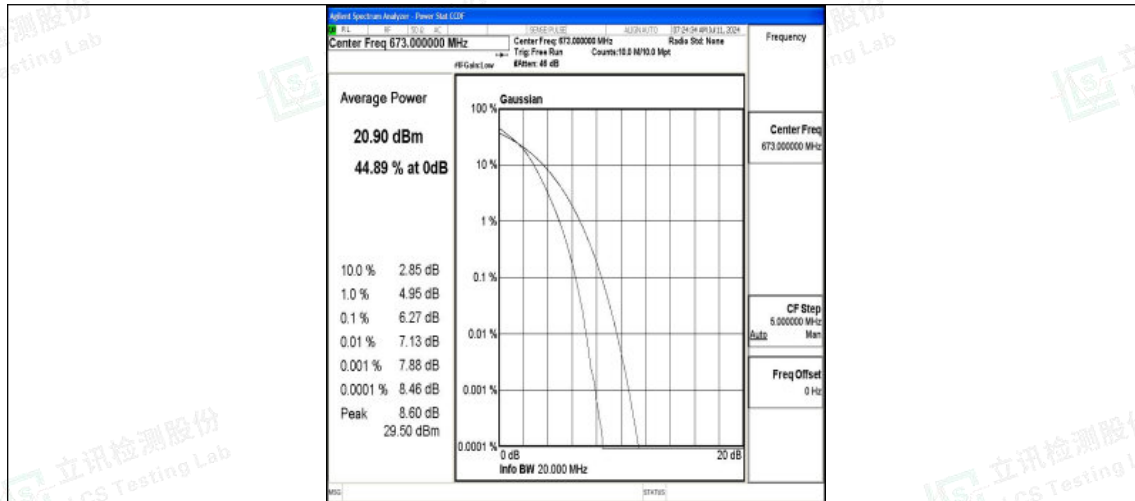


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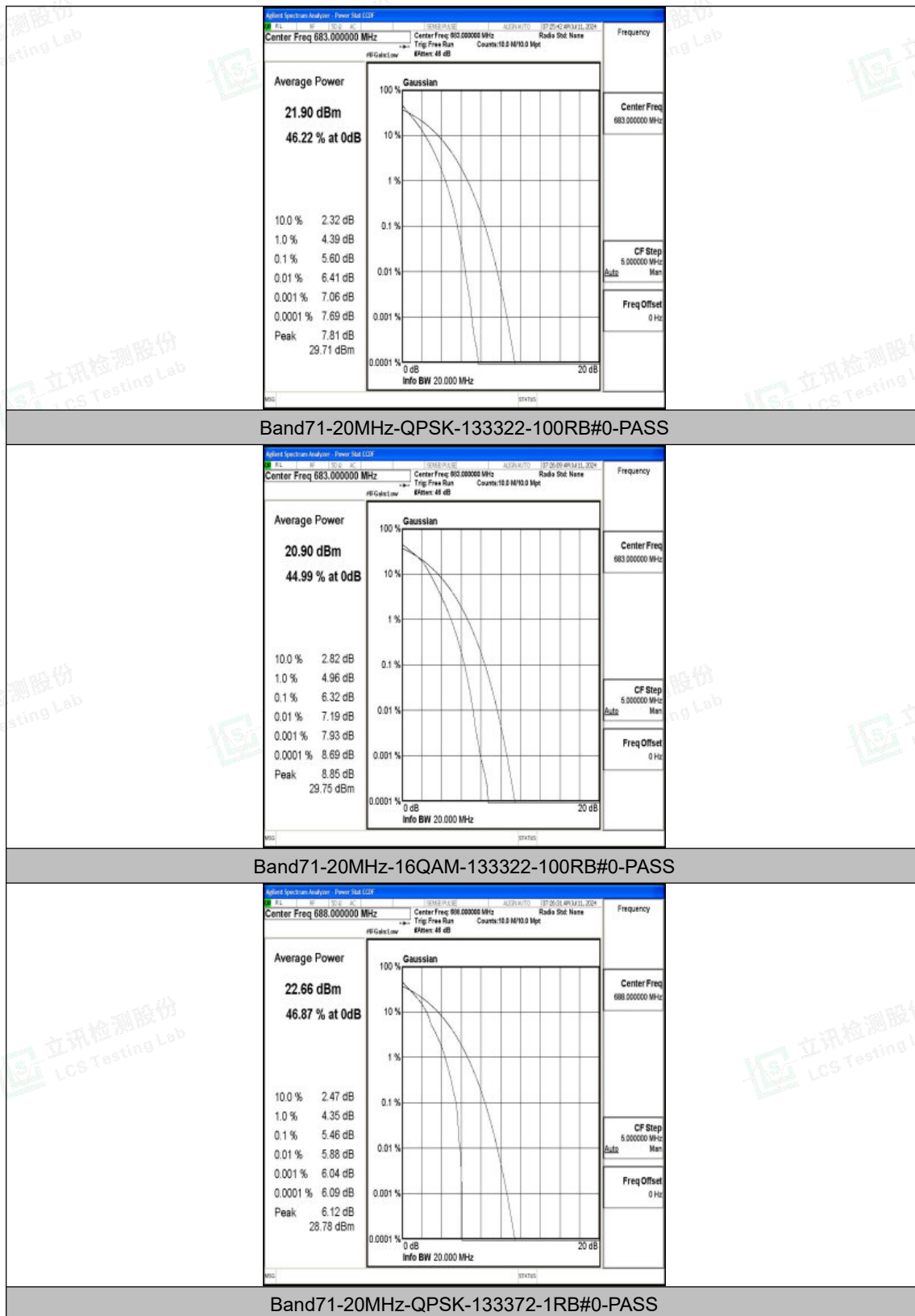


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O.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.5192	5.190	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.5193	5.137	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.5185	5.125	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.5116	5.137	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.5183	5.152	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.5074	5.130	PASS
Band71	10MHz	QPSK	133172	50RB#0	9.0147	10.74	PASS
Band71	10MHz	16QAM	133172	50RB#0	9.0237	10.17	PASS
Band71	10MHz	QPSK	133297	50RB#0	9.0074	10.03	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.9952	10.00	PASS
Band71	10MHz	QPSK	133422	50RB#0	9.0141	10.14	PASS
Band71	10MHz	16QAM	133422	50RB#0	9.0033	10.04	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.504	14.99	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.490	15.03	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.496	15.13	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.487	15.00	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.508	15.20	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.522	15.04	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.967	19.75	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.994	19.85	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.986	19.69	PASS
Band71	20MHz	16QAM	133322	100RB#0	18.063	19.66	PASS
Band71	20MHz	QPSK	133372	100RB#0	18.002	19.99	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.966	20.22	PASS



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Test Graphs

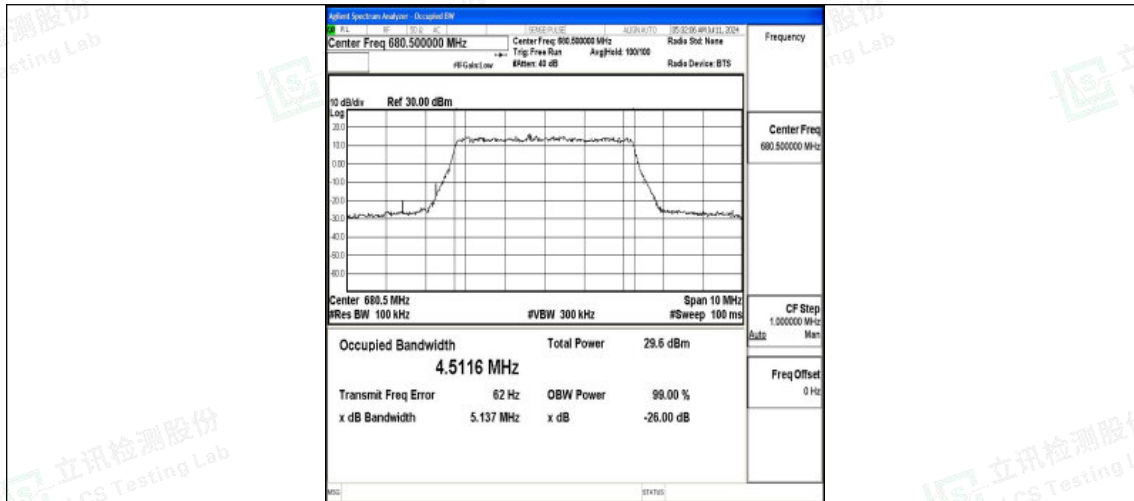


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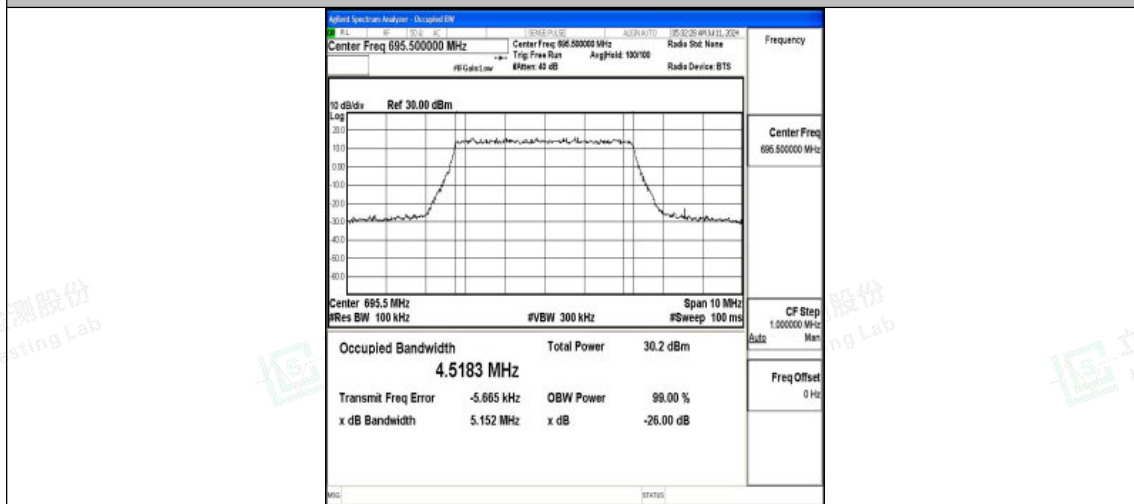
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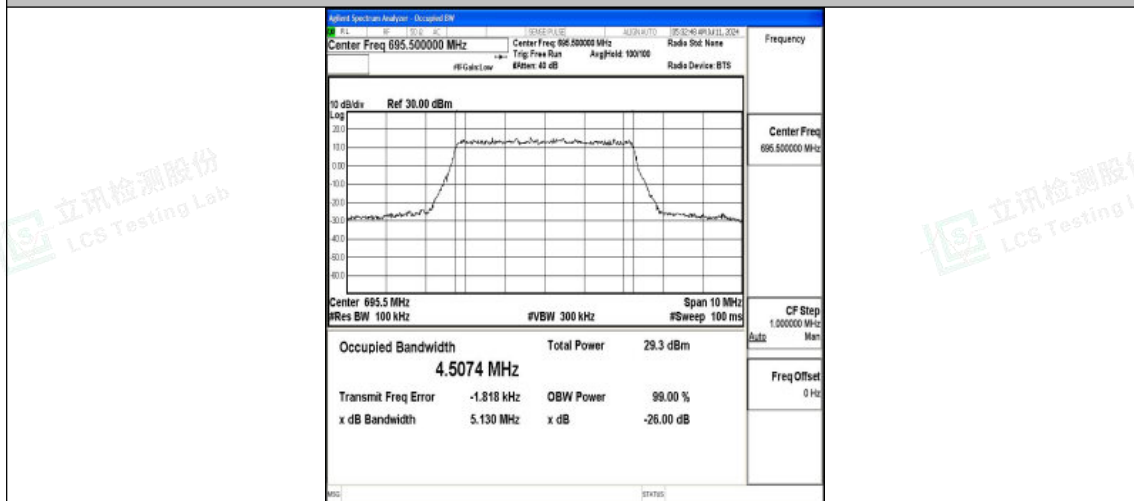
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Band71-5MHz-16QAM-133297-25RB#0-PASS



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



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

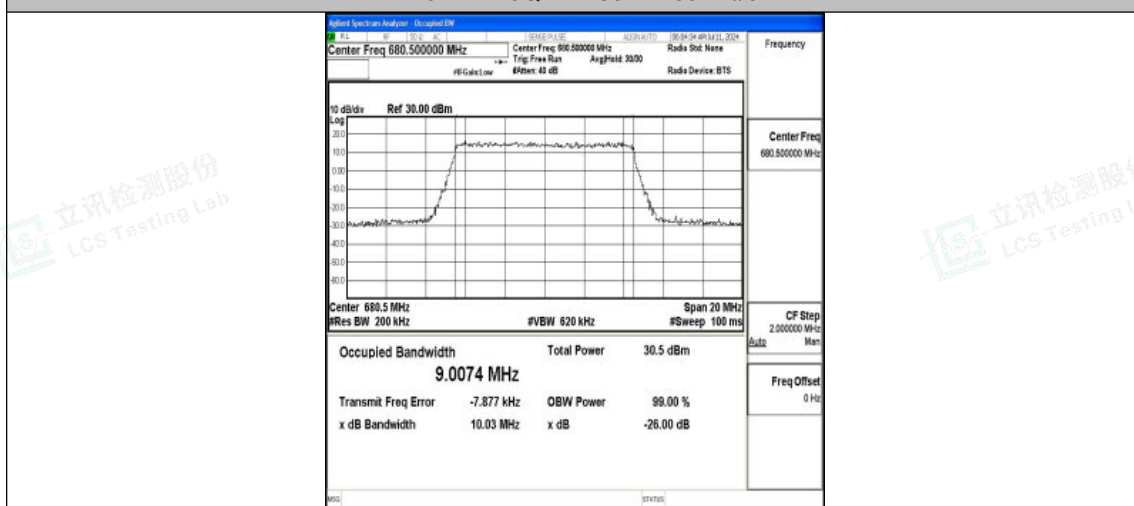
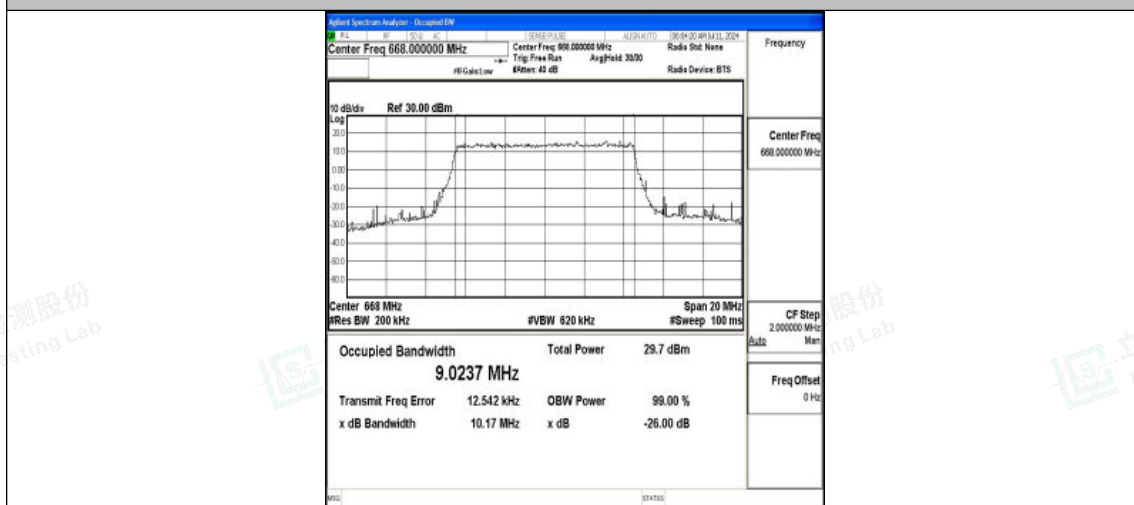
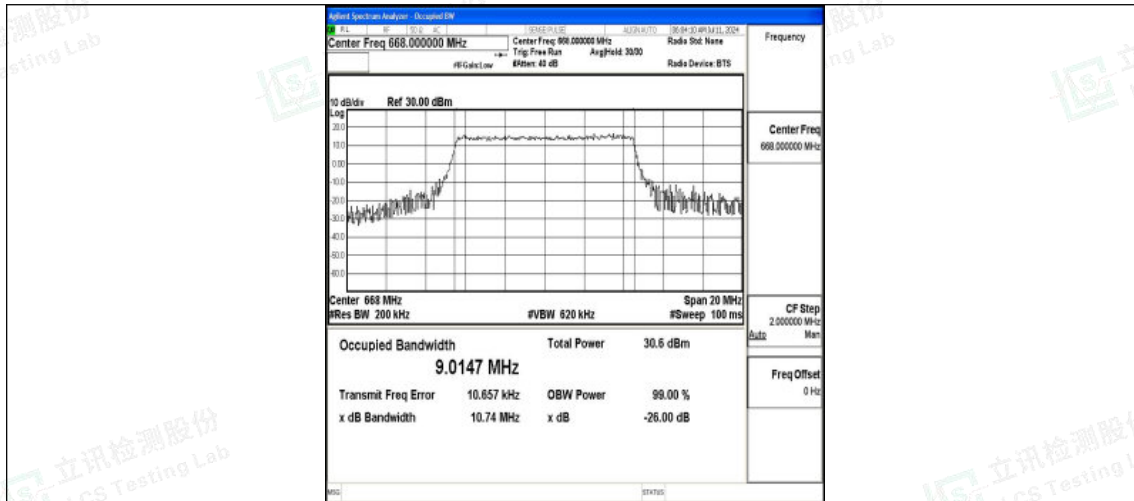


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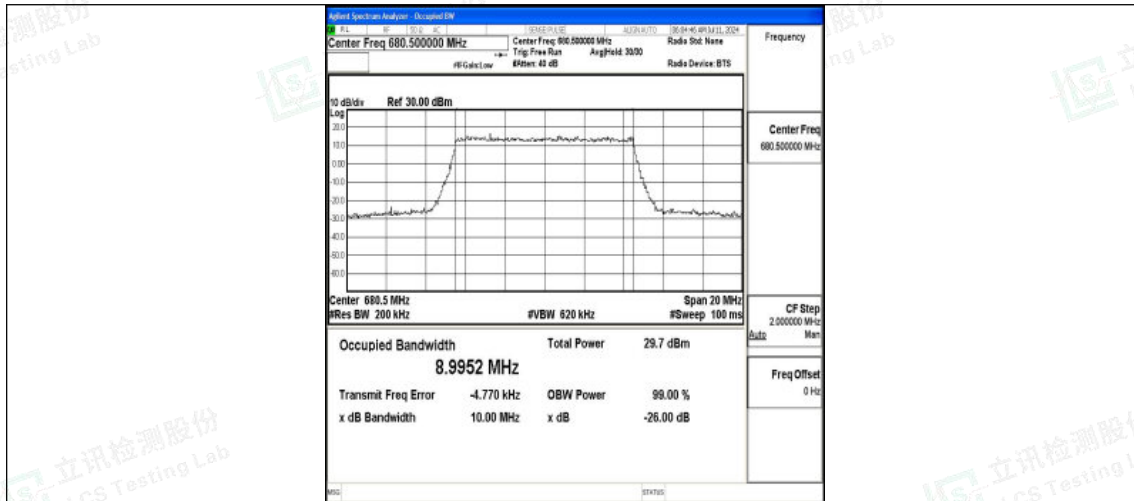


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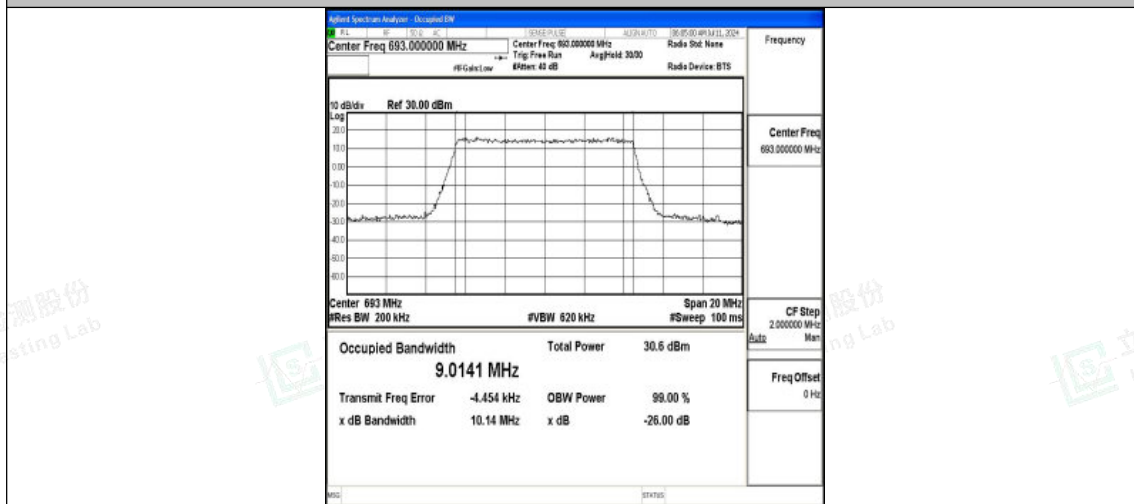
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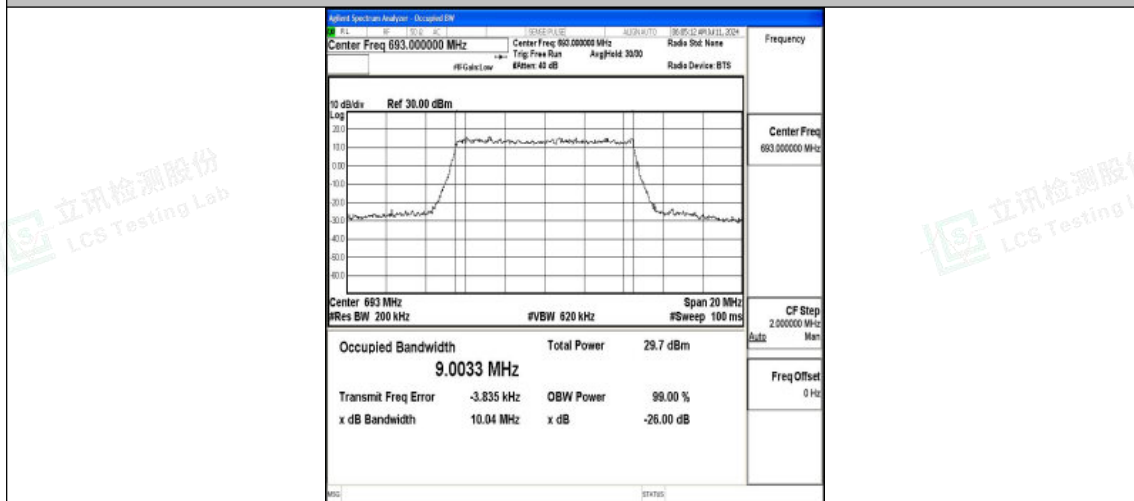
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Band71-10MHz-16QAM-133297-50RB#0-PASS



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



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

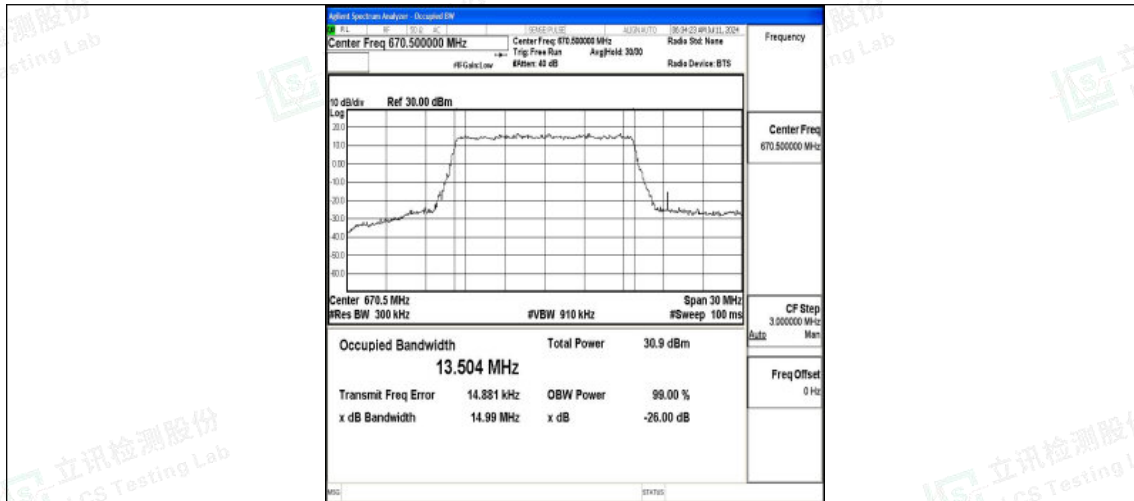


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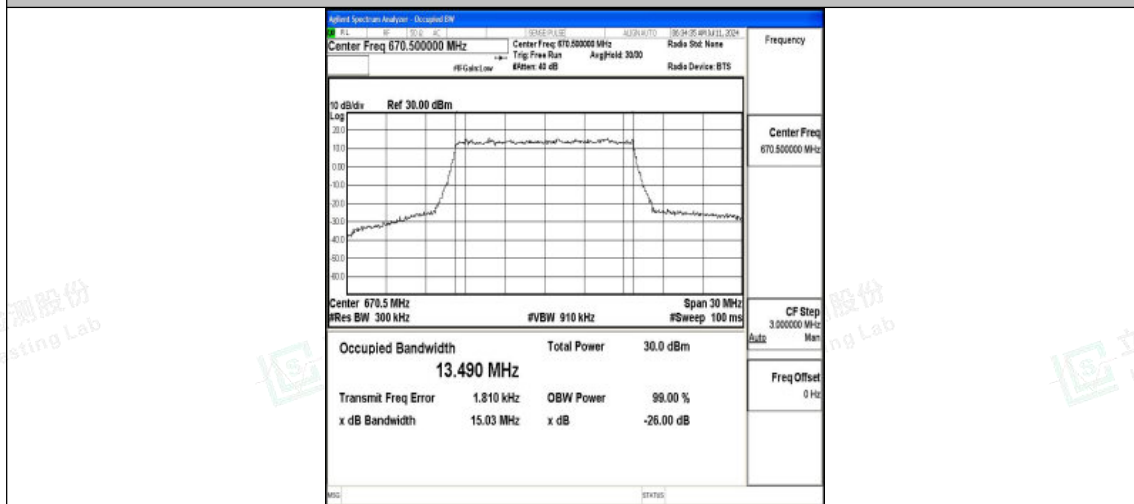
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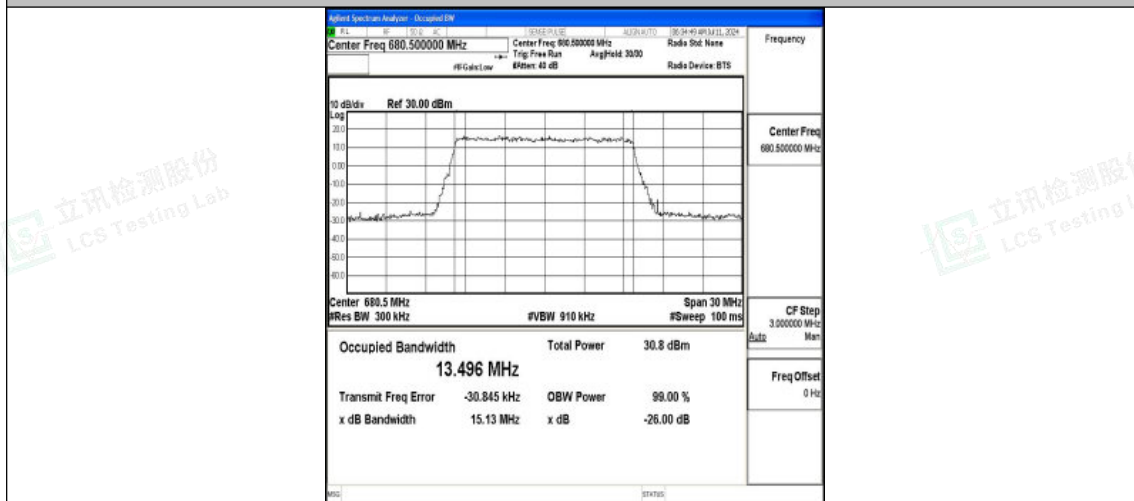
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Band71-15MHz-QPSK-133197-75RB#0-PASS



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



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

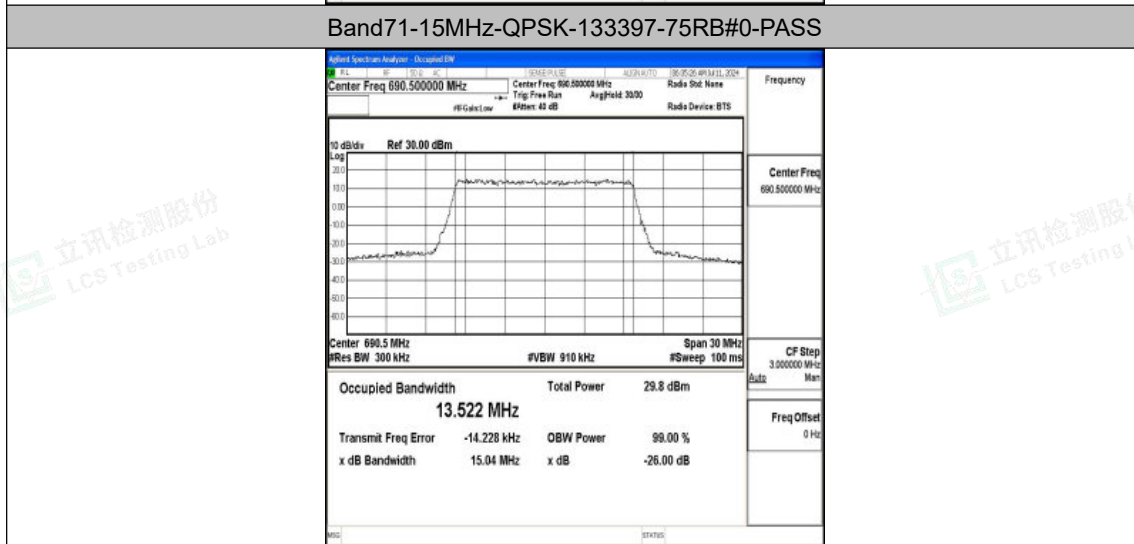
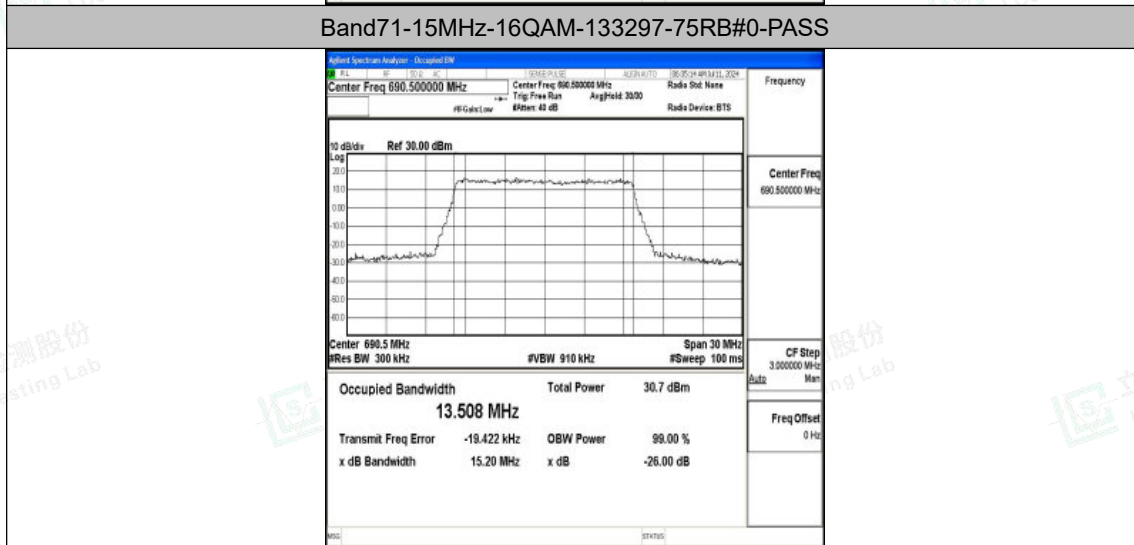
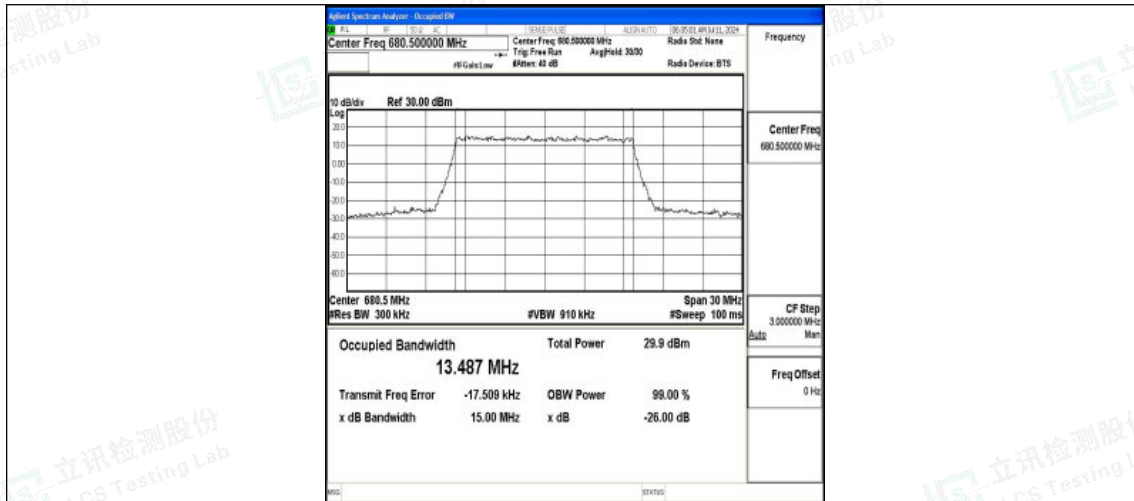


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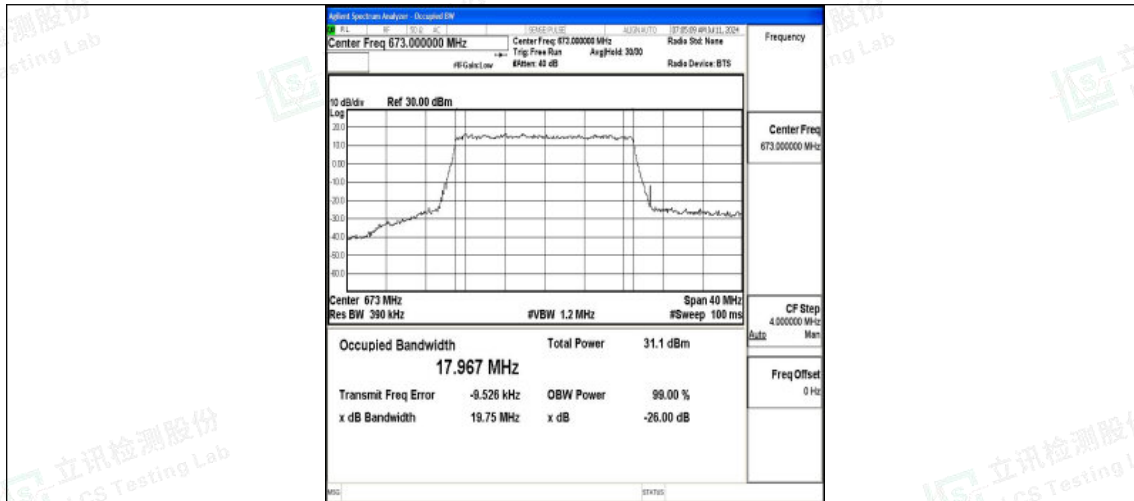


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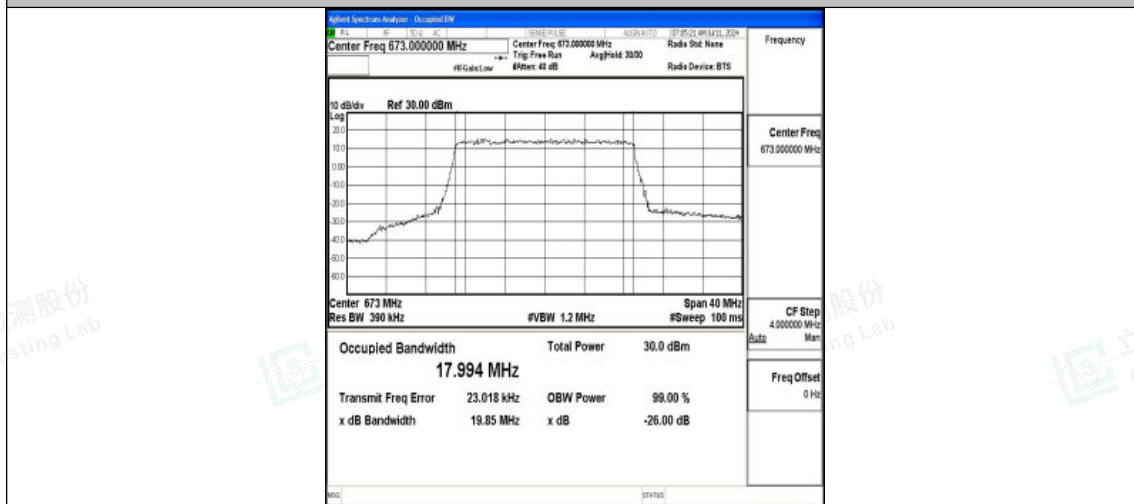
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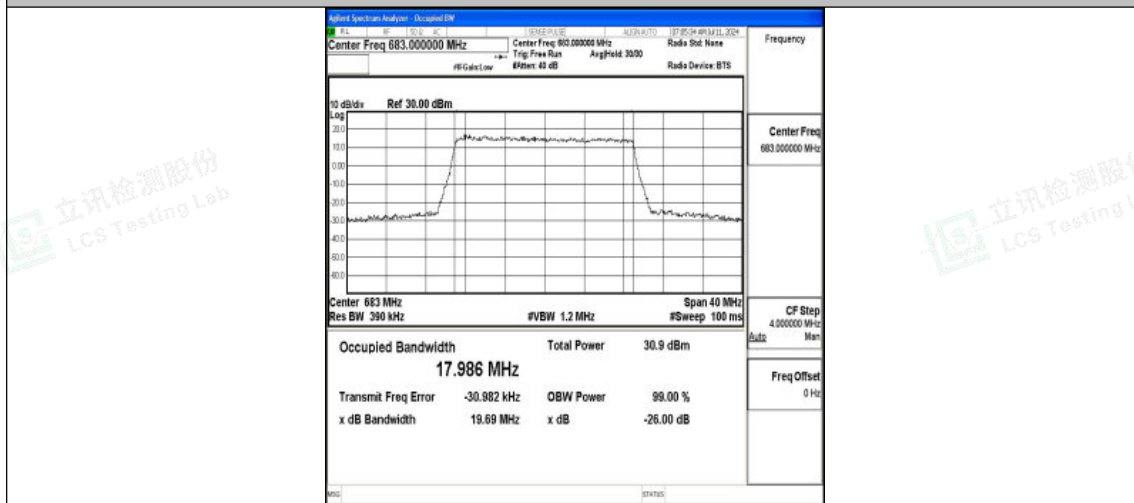
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Band71-20MHz-QPSK-133222-100RB#0-PASS



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



Band71-20MHz-QPSK-133322-100RB#0-PASS

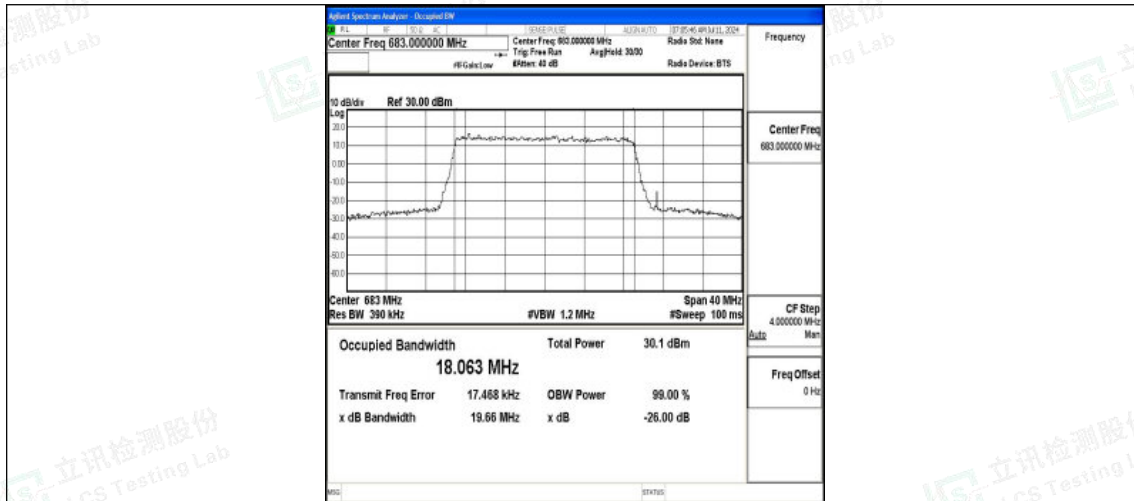


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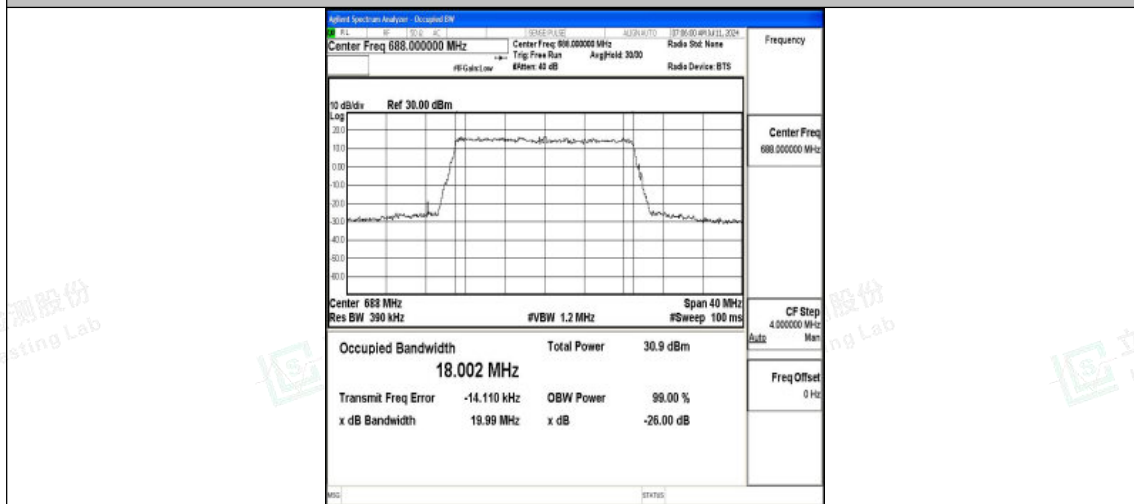
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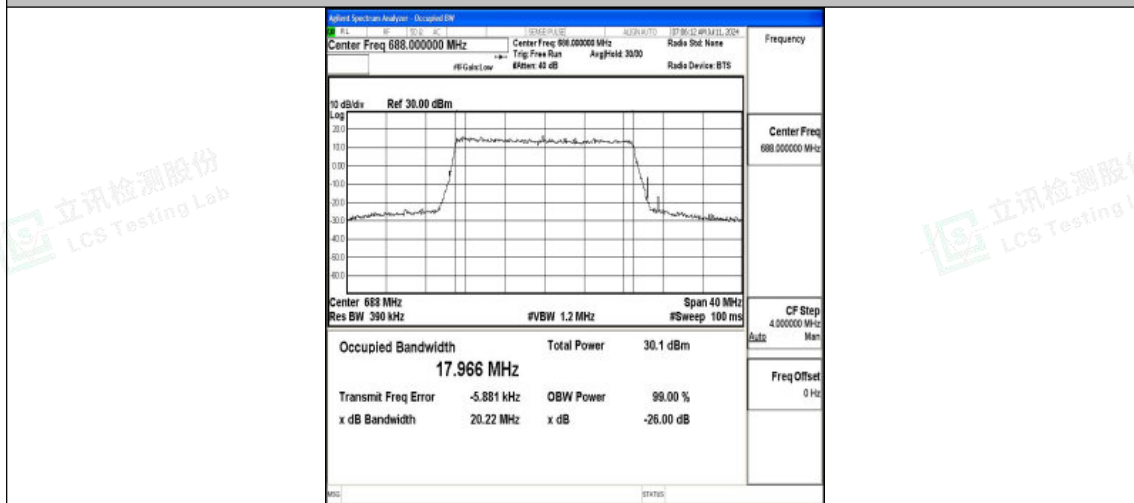
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Band71-20MHz-16QAM-133322-100RB#0-PASS



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



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



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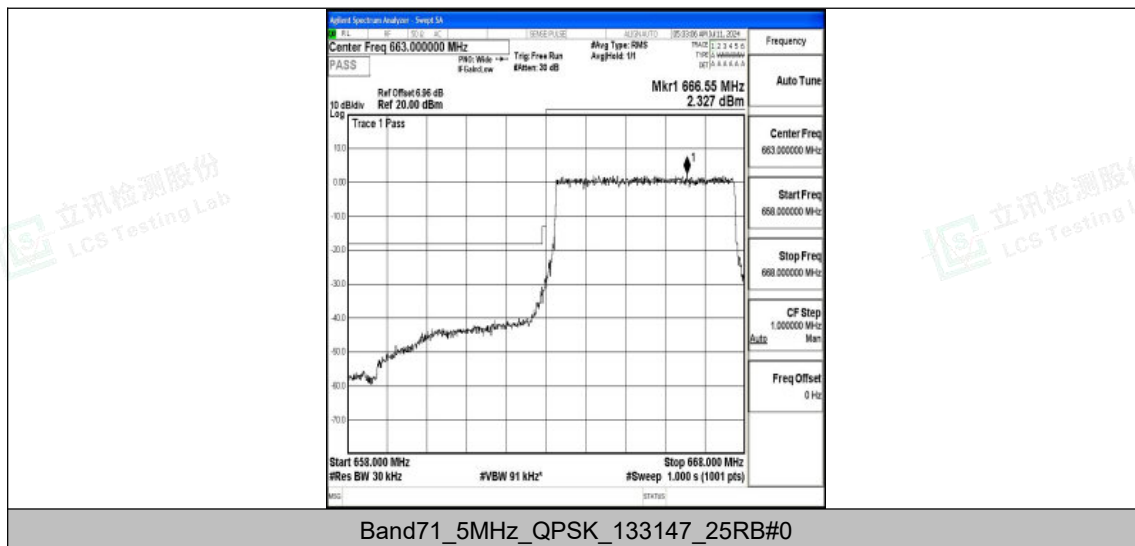


O.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	662.90	-30.95	PASS
Band71	5MHz	16QAM	133147	25RB#0	662.89	-33.25	PASS
Band71	5MHz	QPSK	133447	25RB#0	698.13	-33.92	PASS
Band71	5MHz	16QAM	133447	25RB#0	698.11	-33.26	PASS
Band71	10MHz	QPSK	133172	50RB#0	662.83	-37.01	PASS
Band71	10MHz	16QAM	133172	50RB#0	662.83	-38.98	PASS
Band71	10MHz	QPSK	133422	50RB#0	698.17	-38.76	PASS
Band71	10MHz	16QAM	133422	50RB#0	698.11	-38.10	PASS
Band71	15MHz	QPSK	133197	75RB#0	662.90	-40.99	PASS
Band71	15MHz	16QAM	133197	75RB#0	662.72	-41.52	PASS
Band71	15MHz	QPSK	133397	75RB#0	698.12	-41.46	PASS
Band71	15MHz	16QAM	133397	75RB#0	698.10	-40.65	PASS
Band71	20MHz	QPSK	133222	100RB#0	662.88	-44.19	PASS
Band71	20MHz	16QAM	133222	100RB#0	662.88	-43.74	PASS
Band71	20MHz	QPSK	133372	100RB#0	698.13	-42.38	PASS
Band71	20MHz	16QAM	133372	100RB#0	698.10	-42.54	PASS

Test Graphs

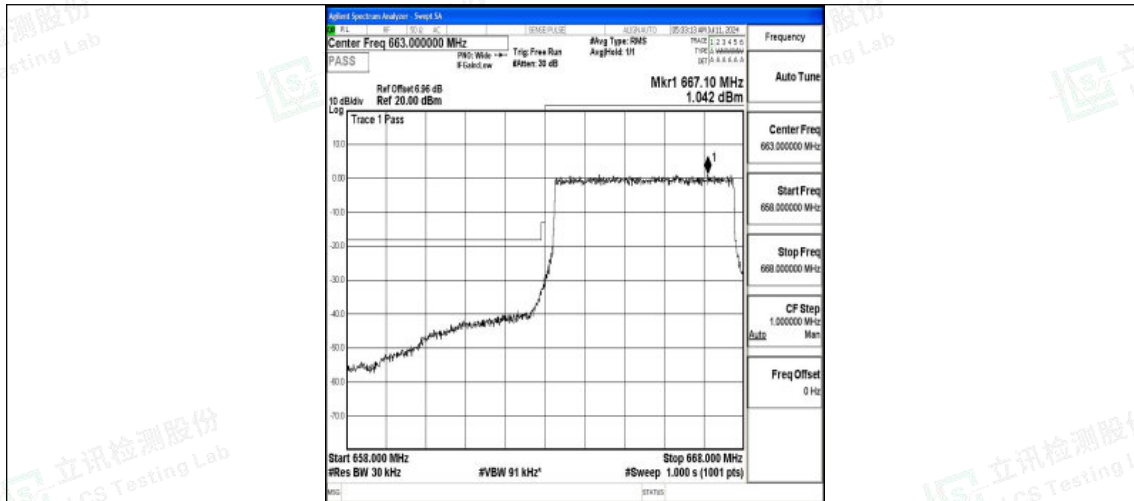


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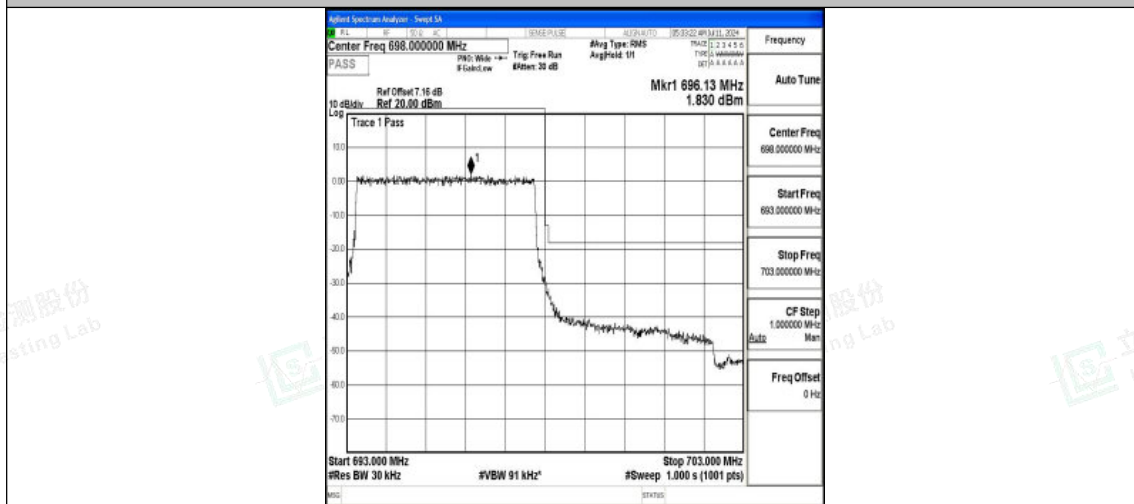
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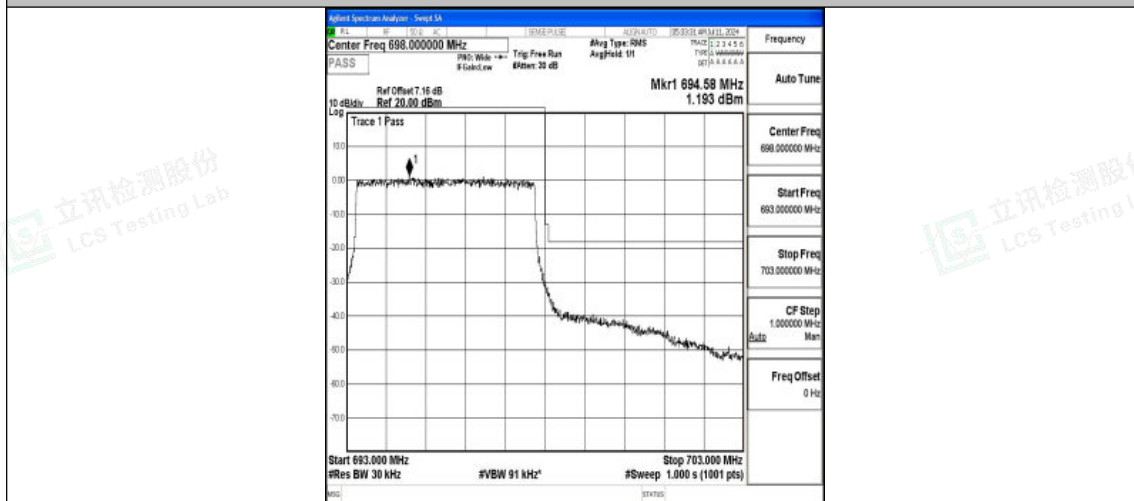
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Band71_5MHz_16QAM_133147_25RB#0



Band71_5MHz_QPSK_133447_25RB#0



Band71_5MHz_16QAM_133447_25RB#0

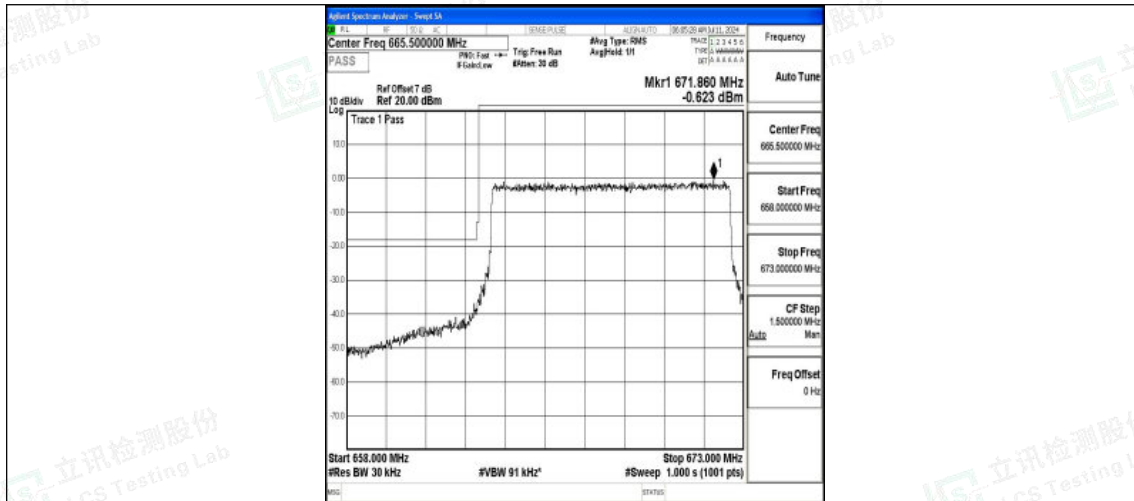


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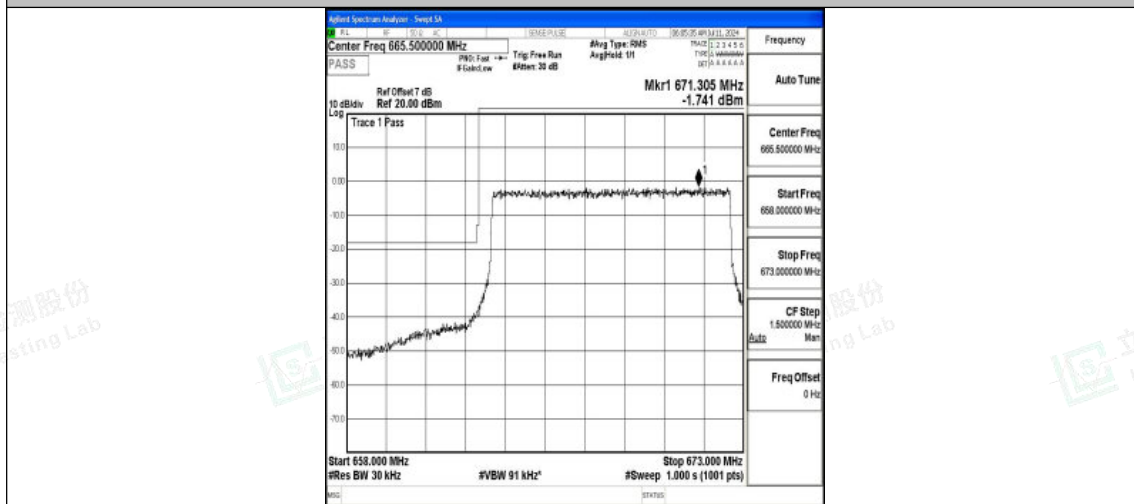
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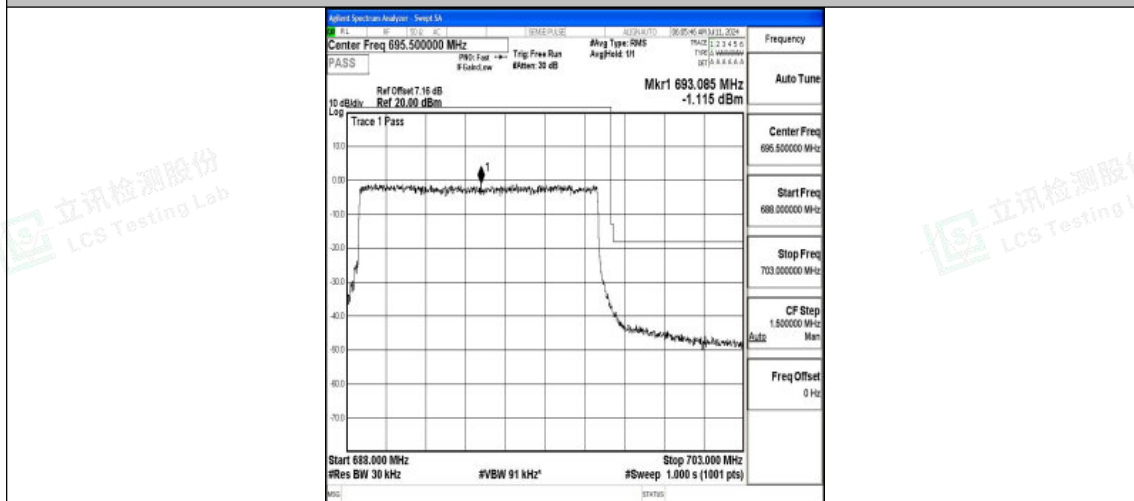
Scan code to check authenticity



Band71_10MHz_QPSK_133172_50RB#0



Band71_10MHz_16QAM_133172_50RB#0



Band71_10MHz_QPSK_133422_50RB#0

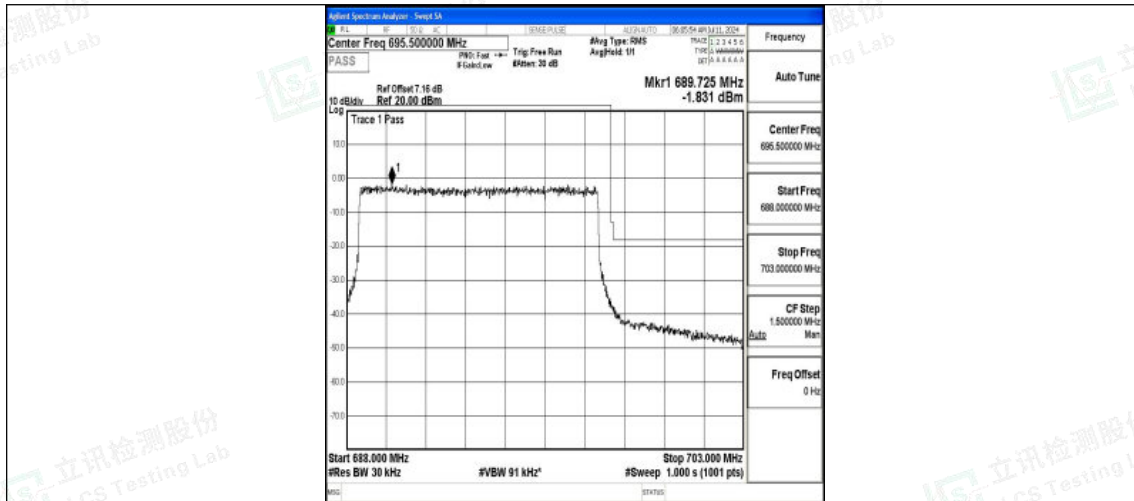


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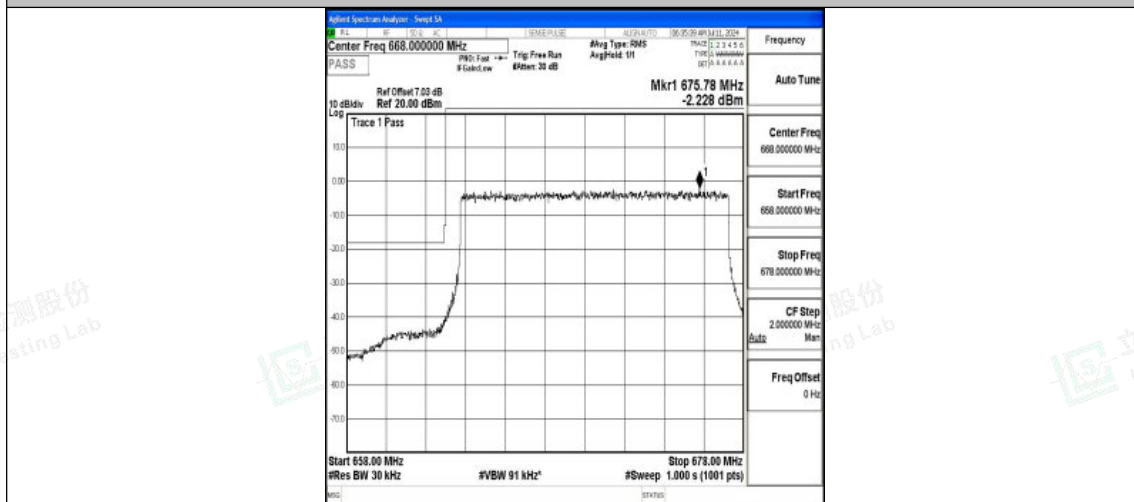
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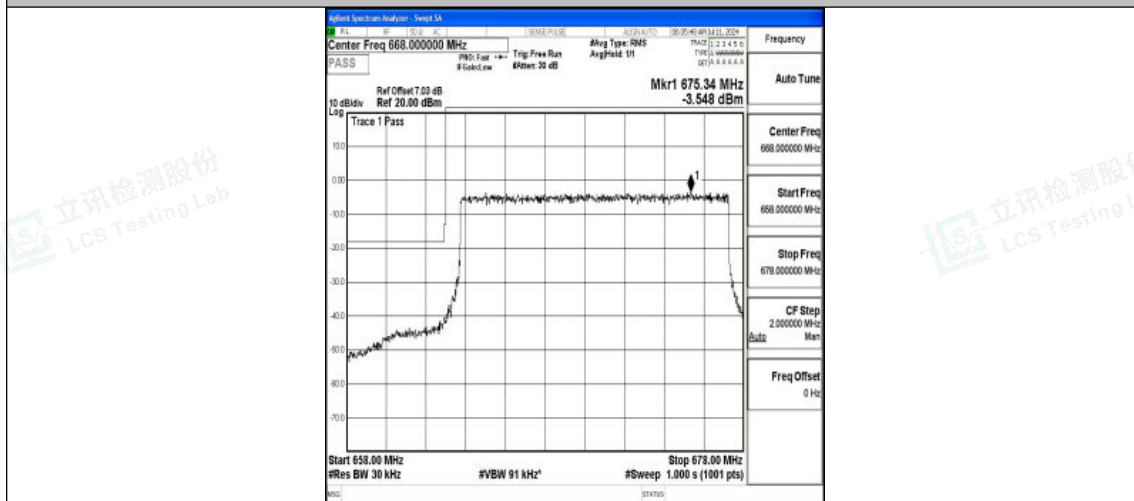
Scan code to check authenticity



Band71_10MHz_16QAM_133422_50RB#0



Band71_15MHz_QPSK_133197_75RB#0



Band71_15MHz_16QAM_133197_75RB#0

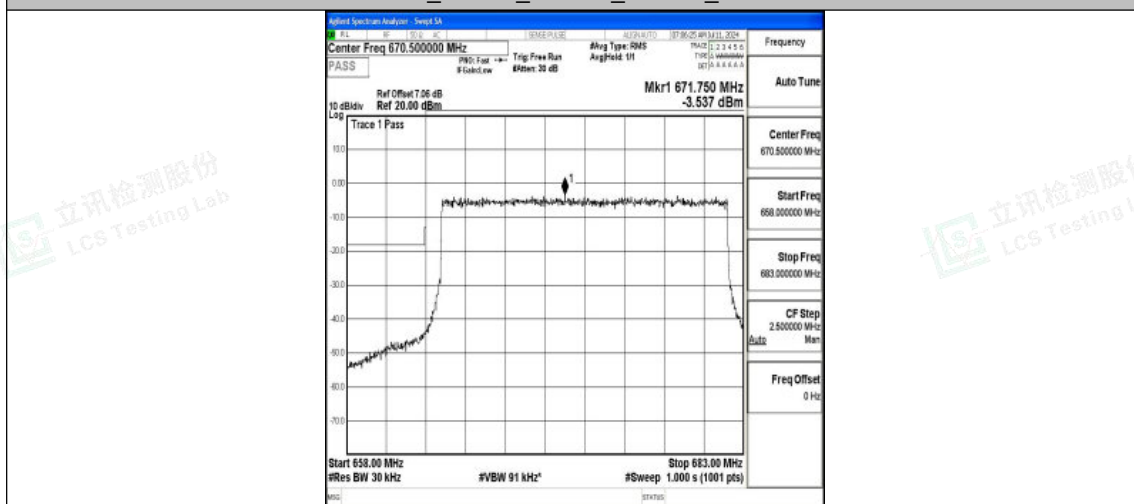
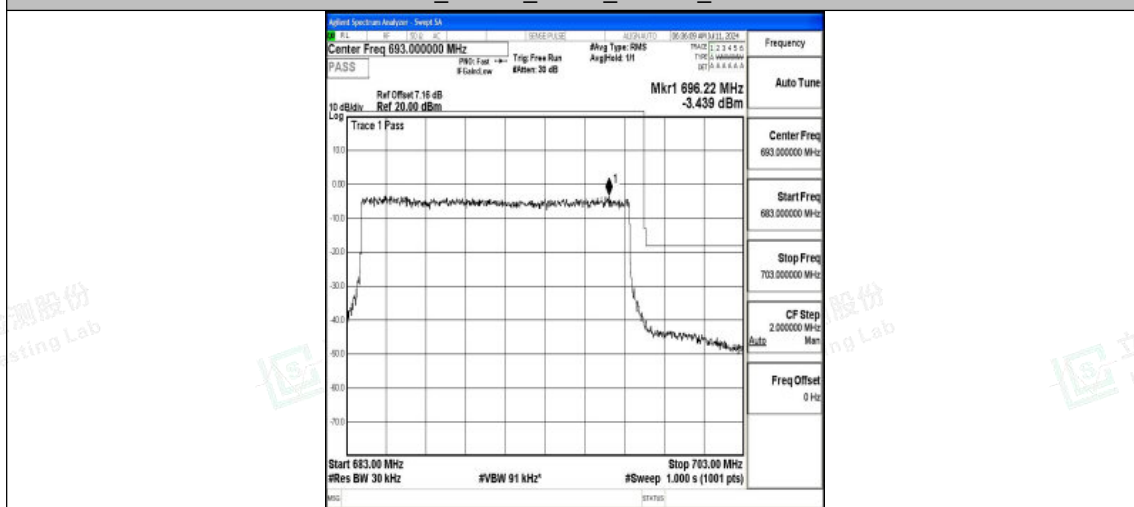
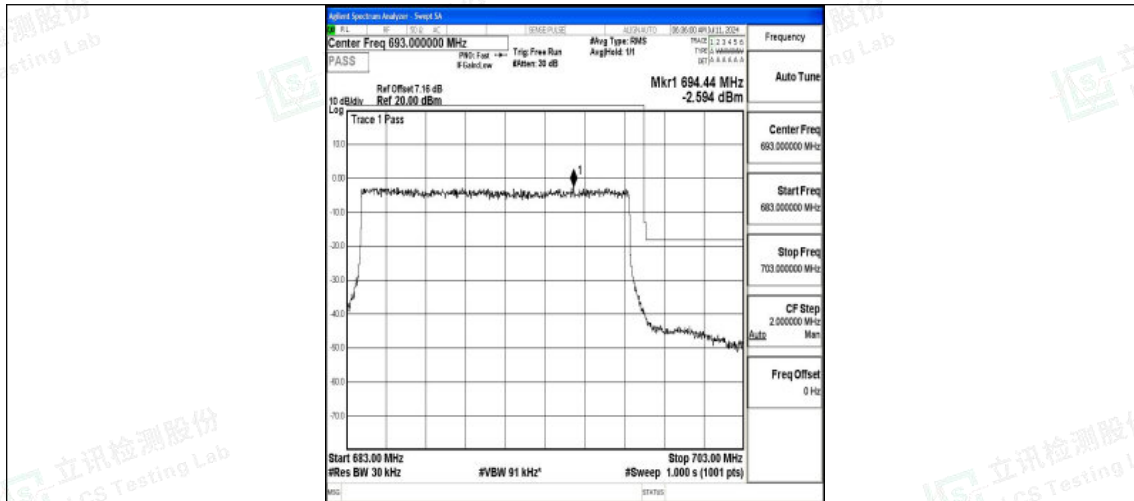


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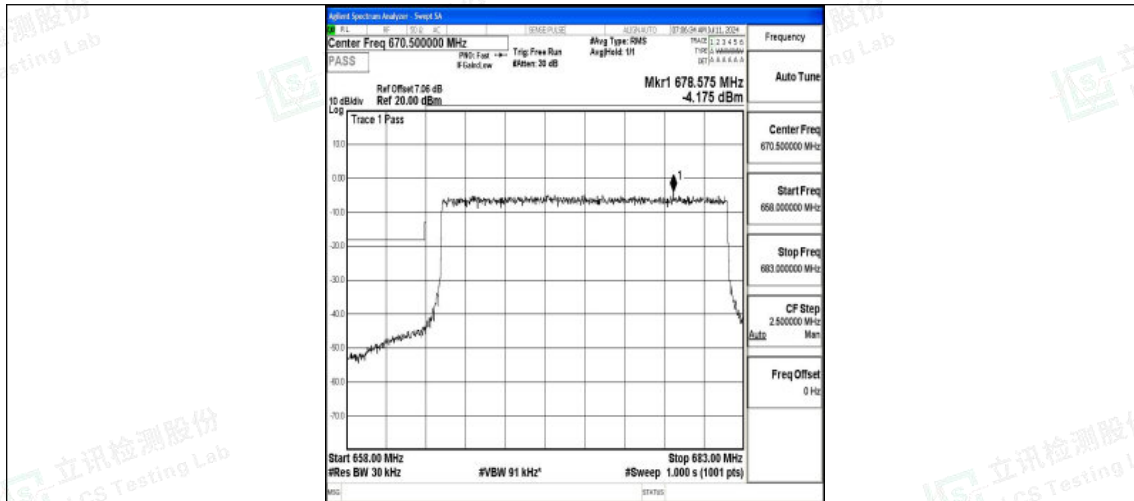


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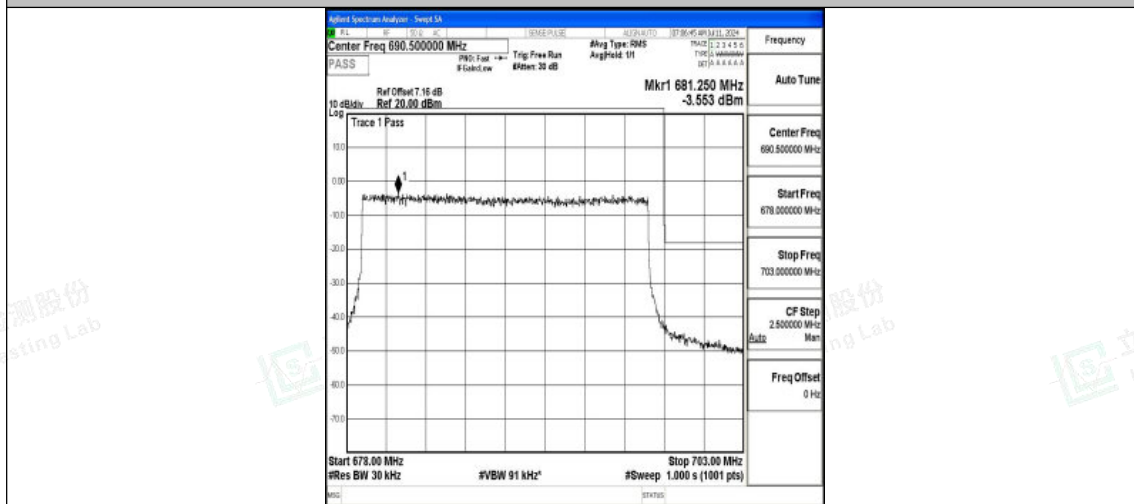
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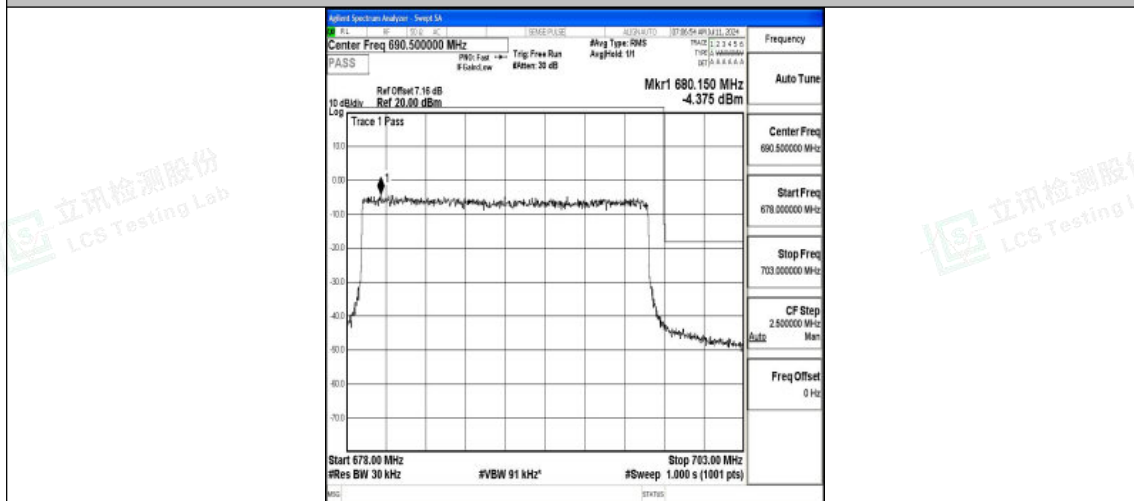
Scan code to check authenticity



Band71_20MHz_16QAM_133222_100RB#0



Band71_20MHz_QPSK_133372_100RB#0



Band71_20MHz_16QAM_133372_100RB#0



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O.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	-55.50	PASS
Band71	5MHz	QPSK	133147	1RB#0	0.15~30	-51.25	PASS
Band71	5MHz	QPSK	133147	1RB#0	30~1000	-62.15	PASS
Band71	5MHz	QPSK	133147	1RB#0	1000~3000	-47.26	PASS
Band71	5MHz	QPSK	133147	1RB#0	3000~10000	-43.97	PASS
Band71	5MHz	16QAM	133147	1RB#0	0.009~0.15	-60.92	PASS
Band71	5MHz	16QAM	133147	1RB#0	0.15~30	-51.48	PASS
Band71	5MHz	16QAM	133147	1RB#0	30~1000	-61.75	PASS
Band71	5MHz	16QAM	133147	1RB#0	1000~3000	-47.78	PASS
Band71	5MHz	16QAM	133147	1RB#0	3000~10000	-44.10	PASS
Band71	5MHz	QPSK	133297	1RB#0	0.009~0.15	-55.65	PASS
Band71	5MHz	QPSK	133297	1RB#0	0.15~30	-51.84	PASS
Band71	5MHz	QPSK	133297	1RB#0	30~1000	-62.07	PASS
Band71	5MHz	QPSK	133297	1RB#0	1000~3000	-47.31	PASS
Band71	5MHz	QPSK	133297	1RB#0	3000~10000	-44.03	PASS
Band71	5MHz	16QAM	133297	1RB#0	0.009~0.15	-59.43	PASS
Band71	5MHz	16QAM	133297	1RB#0	0.15~30	-52.04	PASS
Band71	5MHz	16QAM	133297	1RB#0	30~1000	-62.02	PASS
Band71	5MHz	16QAM	133297	1RB#0	1000~3000	-46.84	PASS
Band71	5MHz	16QAM	133297	1RB#0	3000~10000	-43.88	PASS
Band71	5MHz	QPSK	133447	1RB#0	0.009~0.15	-57.76	PASS
Band71	5MHz	QPSK	133447	1RB#0	0.15~30	-50.33	PASS
Band71	5MHz	QPSK	133447	1RB#0	30~1000	-61.98	PASS
Band71	5MHz	QPSK	133447	1RB#0	1000~3000	-46.55	PASS
Band71	10MHz	QPSK	133172	1RB#0	0.009~0.15	-57.96	PASS
Band71	10MHz	QPSK	133172	1RB#0	0.15~30	-51.37	PASS
Band71	10MHz	QPSK	133172	1RB#0	30~1000	-61.75	PASS
Band71	10MHz	QPSK	133172	1RB#0	1000~3000	-47.65	PASS
Band71	10MHz	QPSK	133172	1RB#0	3000~10000	-43.82	PASS
Band71	10MHz	16QAM	133172	1RB#0	0.009~0.15	-57.05	PASS
Band71	10MHz	16QAM	133172	1RB#0	0.15~30	-52.56	PASS
Band71	10MHz	16QAM	133172	1RB#0	30~1000	-62.15	PASS
Band71	10MHz	16QAM	133172	1RB#0	1000~3000	-47.87	PASS
Band71	10MHz	16QAM	133172	1RB#0	3000~10000	-43.99	PASS



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Band71	10MHz	QPSK	133297	1RB#0	0.009~0.15	-58.50	PASS
Band71	10MHz	QPSK	133297	1RB#0	0.15~30	-52.43	PASS
Band71	10MHz	QPSK	133297	1RB#0	30~1000	-61.76	PASS
Band71	10MHz	QPSK	133297	1RB#0	1000~3000	-46.65	PASS
Band71	10MHz	QPSK	133297	1RB#0	3000~10000	-44.30	PASS
Band71	10MHz	16QAM	133297	1RB#0	0.009~0.15	-57.51	PASS
Band71	10MHz	16QAM	133297	1RB#0	0.15~30	-52.58	PASS
Band71	10MHz	16QAM	133297	1RB#0	30~1000	-61.85	PASS
Band71	10MHz	16QAM	133297	1RB#0	1000~3000	-47.68	PASS
Band71	10MHz	16QAM	133297	1RB#0	3000~10000	-44.11	PASS
Band71	10MHz	QPSK	133422	1RB#0	0.009~0.15	-58.42	PASS
Band71	10MHz	QPSK	133422	1RB#0	0.15~30	-53.48	PASS
Band71	10MHz	QPSK	133422	1RB#0	30~1000	-61.98	PASS
Band71	10MHz	QPSK	133422	1RB#0	1000~3000	-46.07	PASS
Band71	5MHz	QPSK	133447	1RB#0	3000~10000	-44.04	PASS
Band71	5MHz	16QAM	133447	1RB#0	0.009~0.15	-58.38	PASS
Band71	5MHz	16QAM	133447	1RB#0	0.15~30	-53.40	PASS
Band71	5MHz	16QAM	133447	1RB#0	30~1000	-57.59	PASS
Band71	5MHz	16QAM	133447	1RB#0	1000~3000	-46.82	PASS
Band71	5MHz	16QAM	133447	1RB#0	3000~10000	-44.02	PASS
Band71	15MHz	QPSK	133197	1RB#0	0.009~0.15	-57.53	PASS
Band71	15MHz	QPSK	133197	1RB#0	0.15~30	-50.69	PASS
Band71	15MHz	QPSK	133197	1RB#0	30~1000	-62.00	PASS
Band71	15MHz	QPSK	133197	1RB#0	1000~3000	-47.57	PASS
Band71	15MHz	QPSK	133197	1RB#0	3000~10000	-43.86	PASS
Band71	15MHz	16QAM	133197	1RB#0	0.009~0.15	-55.33	PASS
Band71	15MHz	16QAM	133197	1RB#0	0.15~30	-53.59	PASS
Band71	15MHz	16QAM	133197	1RB#0	30~1000	-61.83	PASS
Band71	15MHz	16QAM	133197	1RB#0	1000~3000	-47.86	PASS
Band71	15MHz	16QAM	133197	1RB#0	3000~10000	-43.74	PASS
Band71	15MHz	QPSK	133297	1RB#0	0.009~0.15	-57.83	PASS
Band71	15MHz	QPSK	133297	1RB#0	0.15~30	-52.56	PASS
Band71	15MHz	QPSK	133297	1RB#0	30~1000	-61.97	PASS
Band71	15MHz	QPSK	133297	1RB#0	1000~3000	-45.61	PASS
Band71	15MHz	QPSK	133297	1RB#0	3000~10000	-44.20	PASS
Band71	15MHz	16QAM	133297	1RB#0	0.009~0.15	-58.47	PASS
Band71	15MHz	16QAM	133297	1RB#0	0.15~30	-53.19	PASS
Band71	15MHz	16QAM	133297	1RB#0	30~1000	-62.06	PASS
Band71	15MHz	16QAM	133297	1RB#0	1000~3000	-46.21	PASS
Band71	15MHz	16QAM	133297	1RB#0	3000~10000	-43.97	PASS



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Band71	15MHz	QPSK	133397	1RB#0	0.009~0.15	-56.13	PASS
Band71	15MHz	QPSK	133397	1RB#0	0.15~30	-52.41	PASS
Band71	15MHz	QPSK	133397	1RB#0	30~1000	-61.83	PASS
Band71	15MHz	QPSK	133397	1RB#0	1000~3000	-46.66	PASS
Band71	20MHz	QPSK	133222	1RB#0	0.009~0.15	-56.52	PASS
Band71	20MHz	QPSK	133222	1RB#0	0.15~30	-51.16	PASS
Band71	20MHz	QPSK	133222	1RB#0	30~1000	-62.16	PASS
Band71	20MHz	QPSK	133222	1RB#0	1000~3000	-47.61	PASS
Band71	20MHz	QPSK	133222	1RB#0	3000~10000	-43.84	PASS
Band71	20MHz	16QAM	133222	1RB#0	0.009~0.15	-57.54	PASS
Band71	20MHz	16QAM	133222	1RB#0	0.15~30	-51.89	PASS
Band71	20MHz	16QAM	133222	1RB#0	30~1000	-61.81	PASS
Band71	20MHz	16QAM	133222	1RB#0	1000~3000	-47.74	PASS
Band71	20MHz	16QAM	133222	1RB#0	3000~10000	-43.93	PASS
Band71	20MHz	QPSK	133322	1RB#0	0.009~0.15	-57.70	PASS
Band71	20MHz	QPSK	133322	1RB#0	0.15~30	-50.55	PASS
Band71	20MHz	QPSK	133322	1RB#0	30~1000	-61.92	PASS
Band71	20MHz	QPSK	133322	1RB#0	1000~3000	-46.92	PASS
Band71	20MHz	QPSK	133322	1RB#0	3000~10000	-44.14	PASS
Band71	20MHz	16QAM	133322	1RB#0	0.009~0.15	-56.36	PASS
Band71	20MHz	16QAM	133322	1RB#0	0.15~30	-52.54	PASS
Band71	20MHz	16QAM	133322	1RB#0	30~1000	-61.79	PASS
Band71	10MHz	QPSK	133422	1RB#0	3000~10000	-44.04	PASS
Band71	10MHz	16QAM	133422	1RB#0	0.009~0.15	-56.85	PASS
Band71	10MHz	16QAM	133422	1RB#0	0.15~30	-51.57	PASS
Band71	10MHz	16QAM	133422	1RB#0	30~1000	-61.84	PASS
Band71	10MHz	16QAM	133422	1RB#0	1000~3000	-44.31	PASS
Band71	10MHz	16QAM	133422	1RB#0	3000~10000	-43.65	PASS
Band71	15MHz	QPSK	133397	1RB#0	3000~10000	-44.19	PASS
Band71	15MHz	16QAM	133397	1RB#0	0.009~0.15	-57.59	PASS
Band71	15MHz	16QAM	133397	1RB#0	0.15~30	-52.21	PASS
Band71	15MHz	16QAM	133397	1RB#0	30~1000	-61.98	PASS
Band71	15MHz	16QAM	133397	1RB#0	1000~3000	-46.95	PASS
Band71	15MHz	16QAM	133397	1RB#0	3000~10000	-44.25	PASS
Band71	20MHz	16QAM	133322	1RB#0	1000~3000	-46.83	PASS
Band71	20MHz	16QAM	133322	1RB#0	3000~10000	-43.85	PASS
Band71	20MHz	QPSK	133372	1RB#0	0.009~0.15	-58.20	PASS
Band71	20MHz	QPSK	133372	1RB#0	0.15~30	-50.64	PASS
Band71	20MHz	QPSK	133372	1RB#0	30~1000	-61.84	PASS
Band71	20MHz	QPSK	133372	1RB#0	1000~3000	-46.22	PASS



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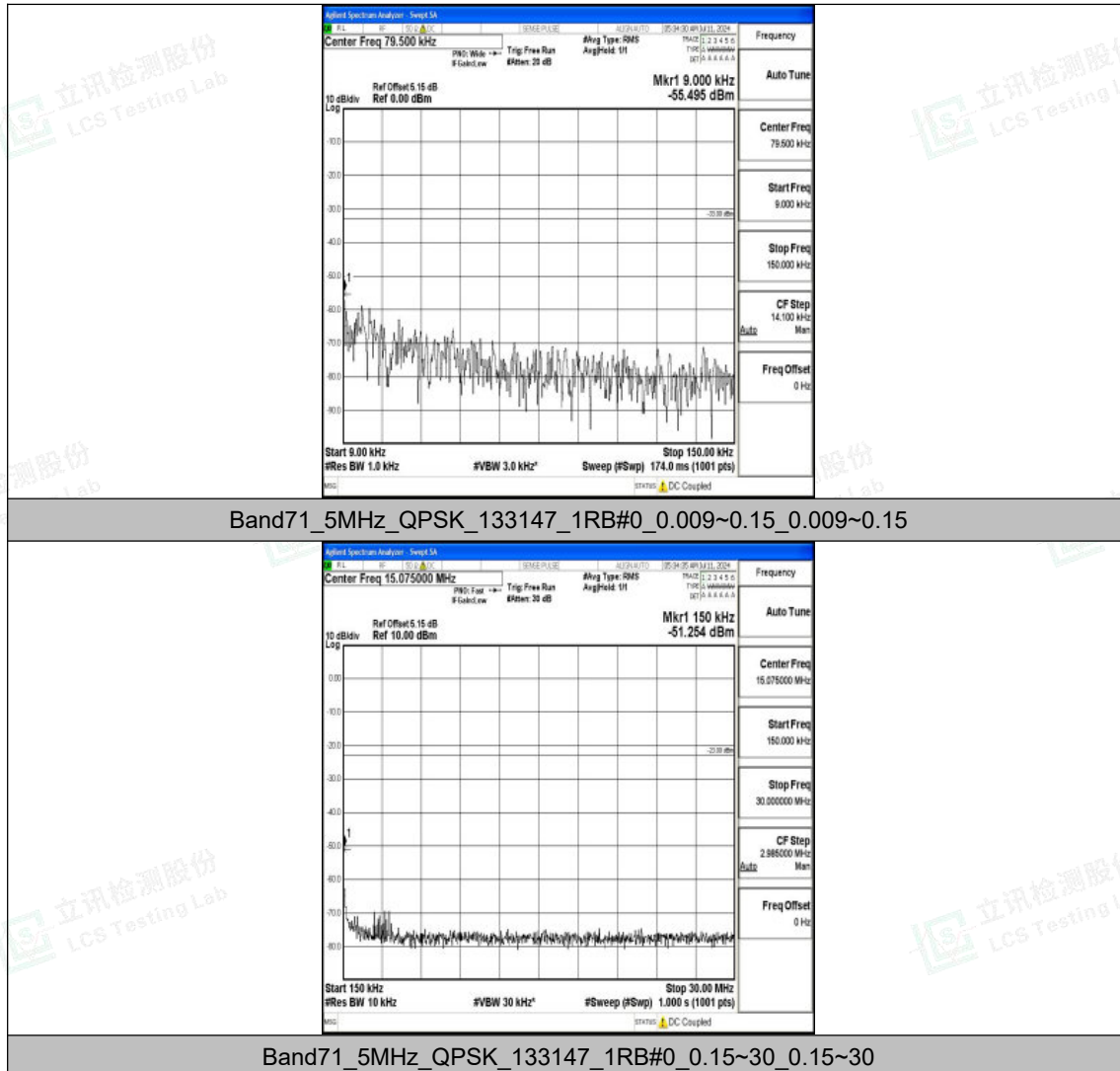
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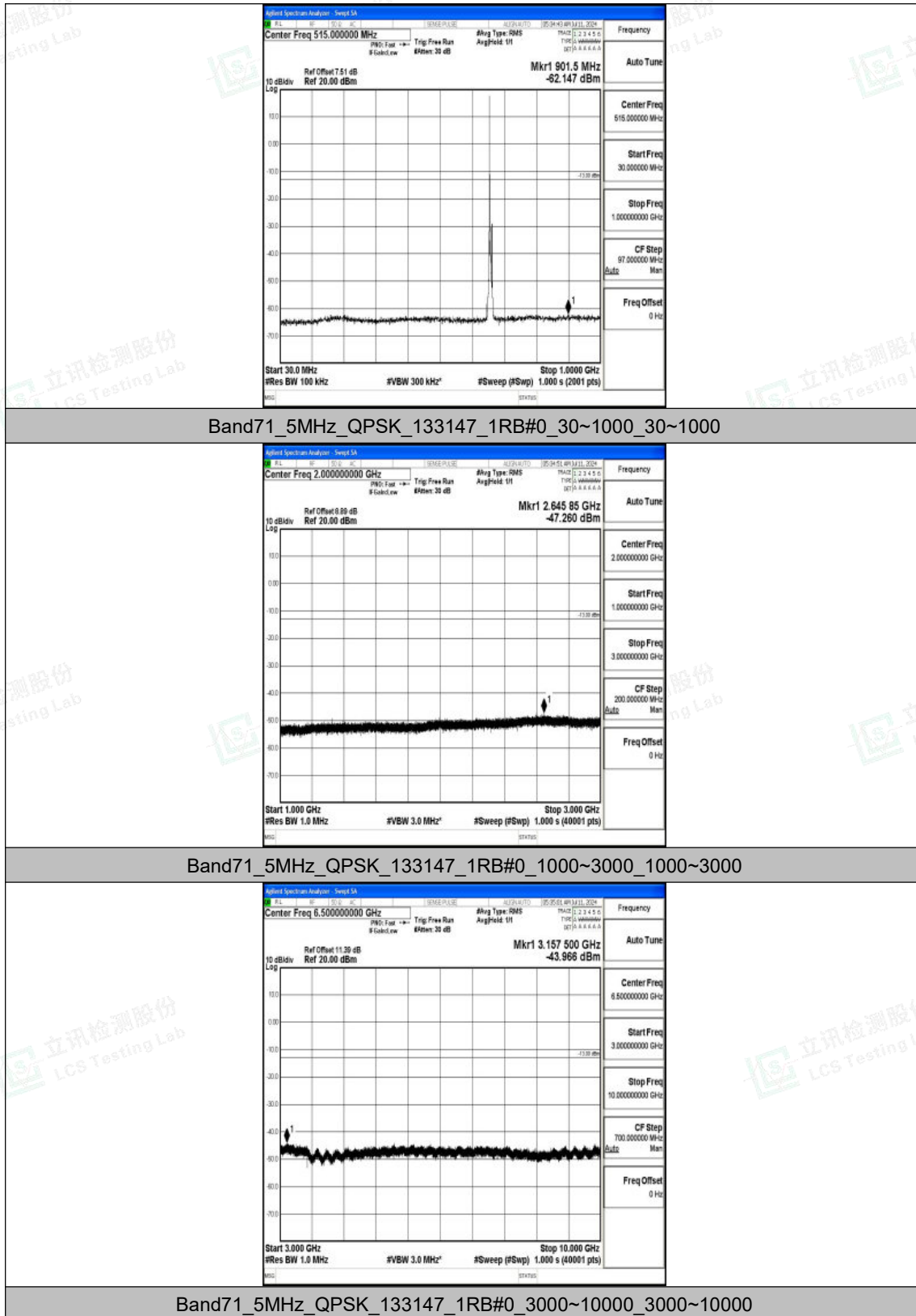
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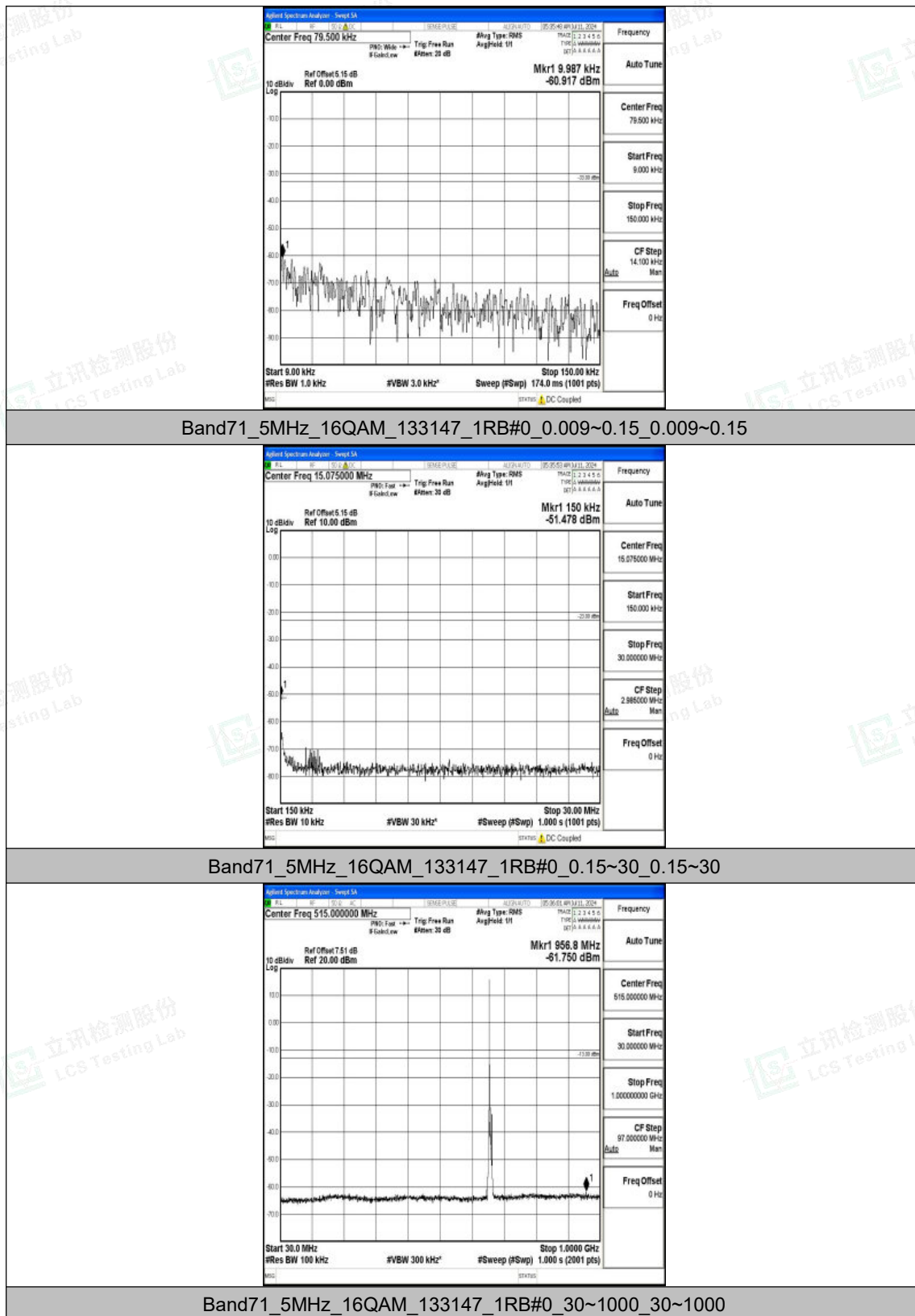


Band71	20MHz	QPSK	133372	1RB#0	3000~10000	-44.17	PASS
Band71	20MHz	16QAM	133372	1RB#0	0.009~0.15	-56.45	PASS
Band71	20MHz	16QAM	133372	1RB#0	0.15~30	-50.63	PASS
Band71	20MHz	16QAM	133372	1RB#0	30~1000	-62.02	PASS
Band71	20MHz	16QAM	133372	1RB#0	1000~3000	-46.75	PASS
Band71	20MHz	16QAM	133372	1RB#0	3000~10000	-44.06	PASS

Test Graphs





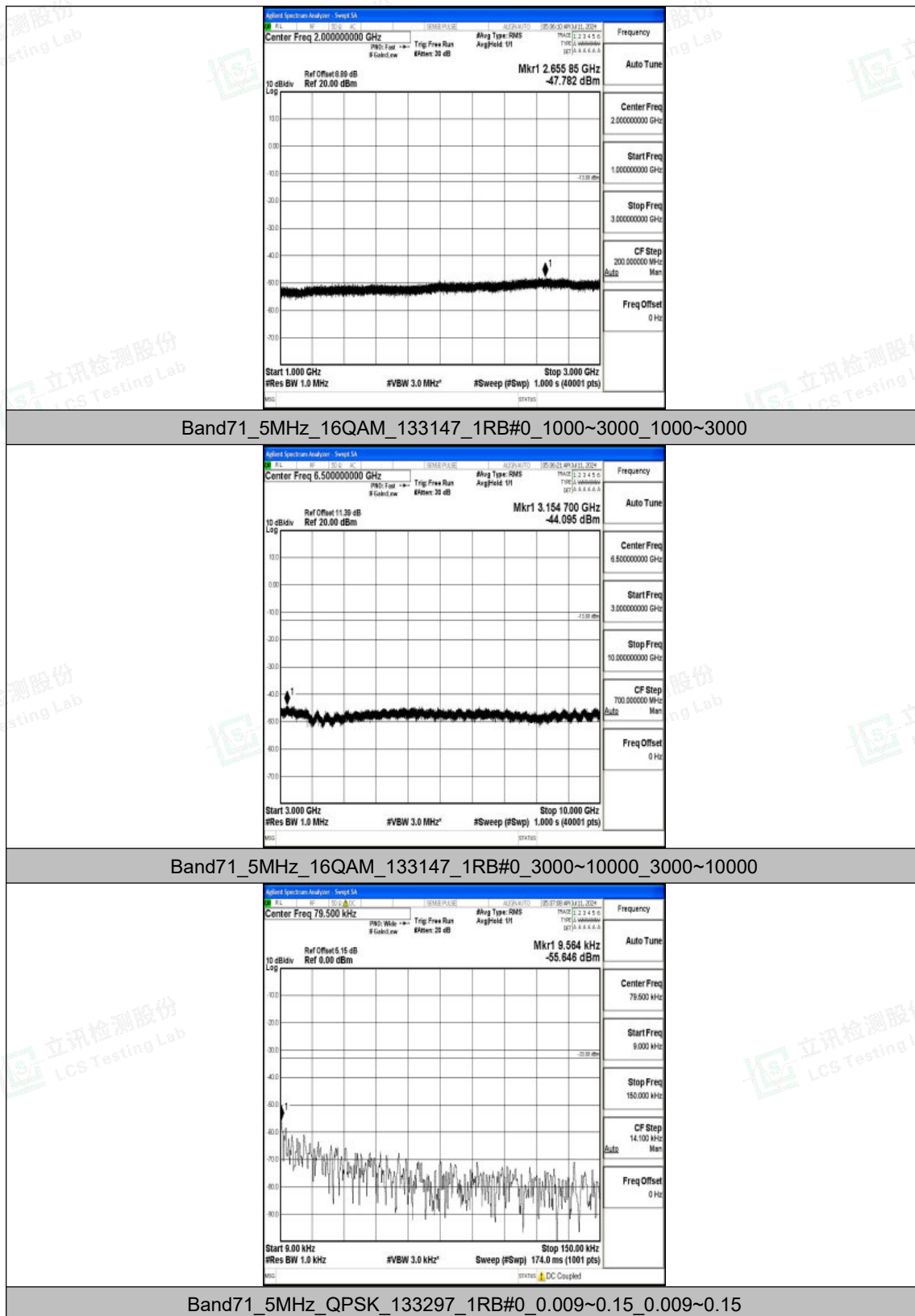


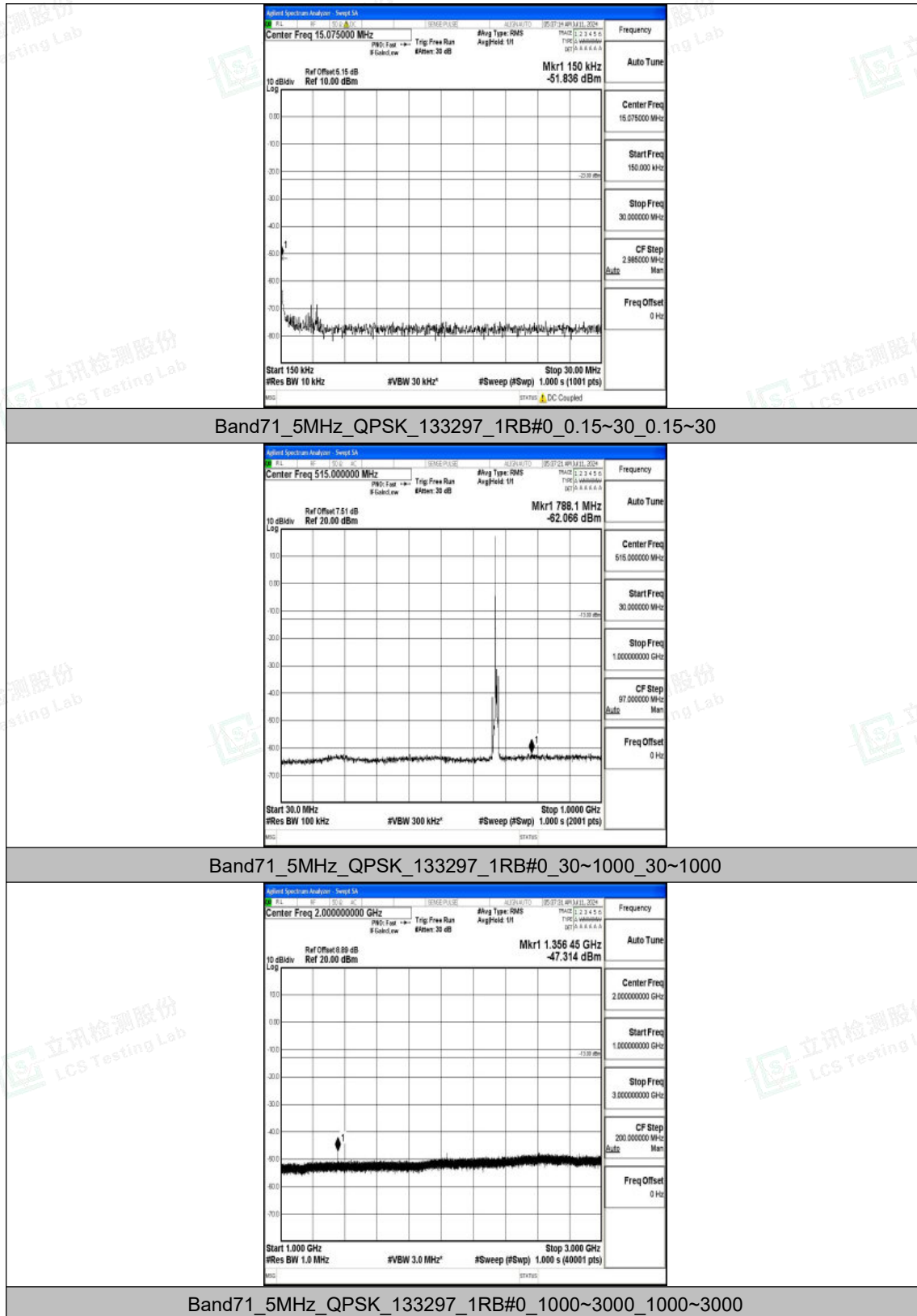
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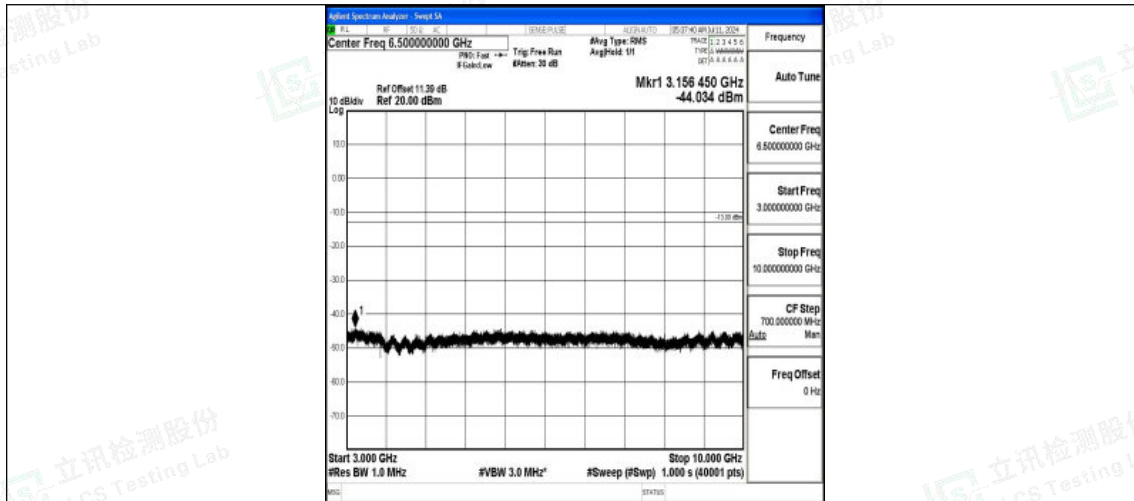
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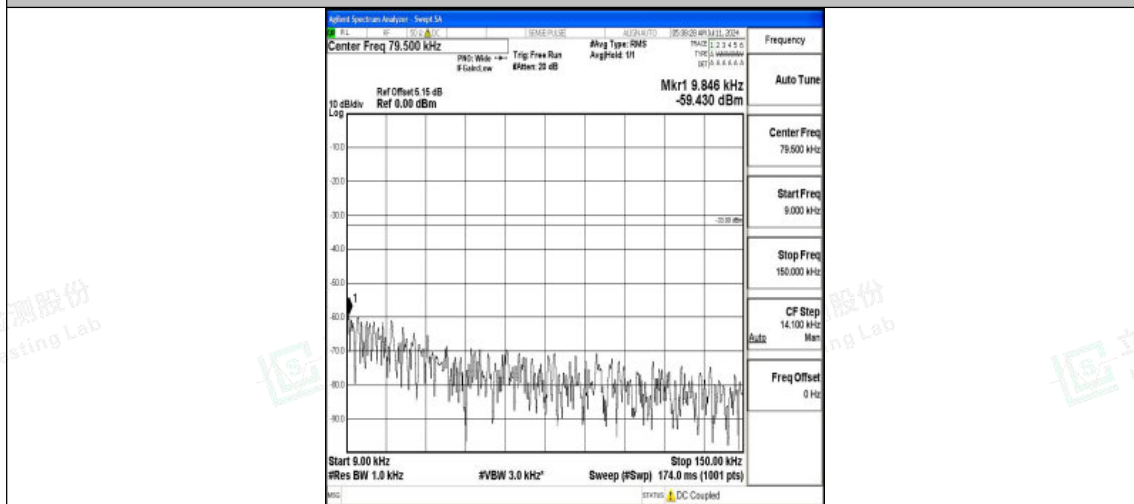
Scan code to check authenticity



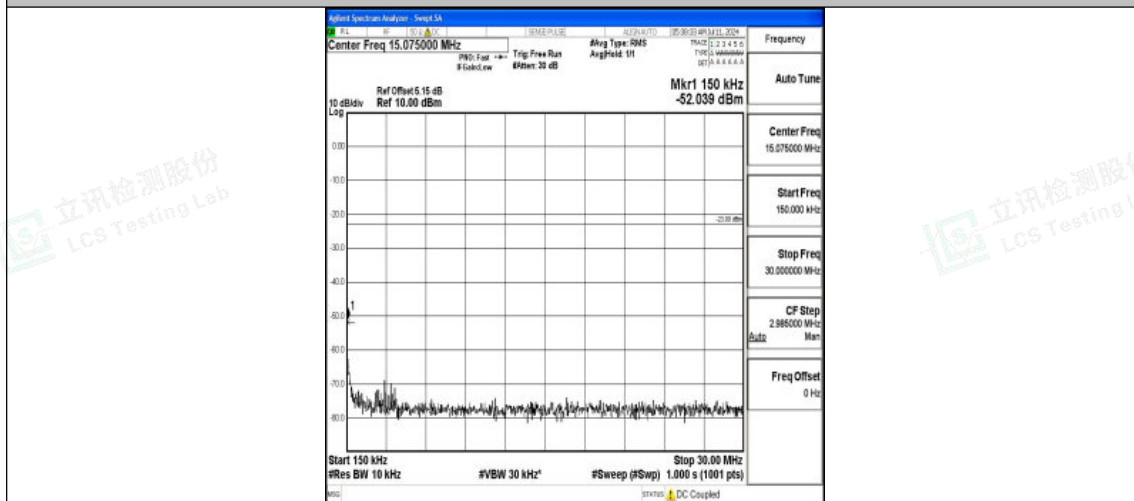




Band71_5MHz_QPSK_133297_1RB#0_3000~10000_3000~10000



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

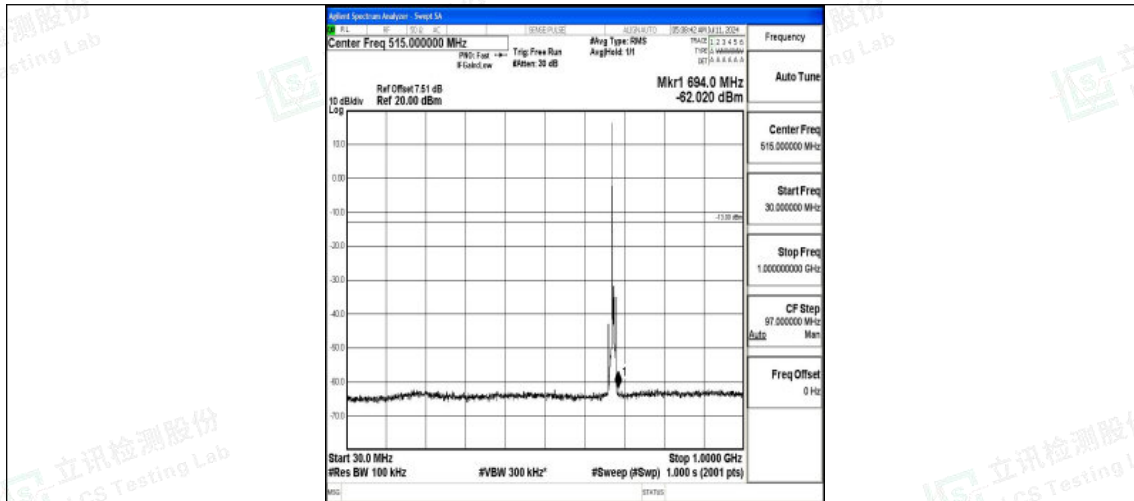


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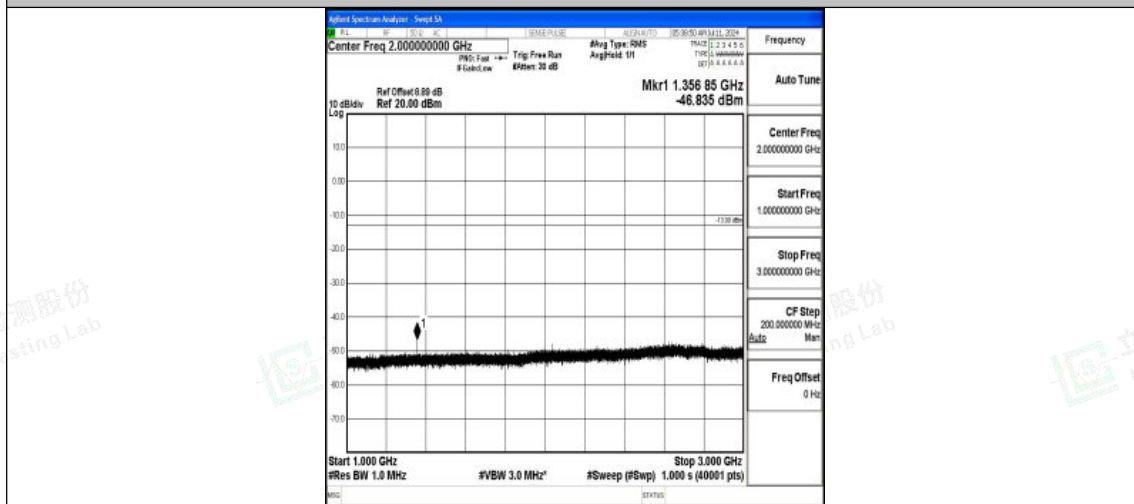
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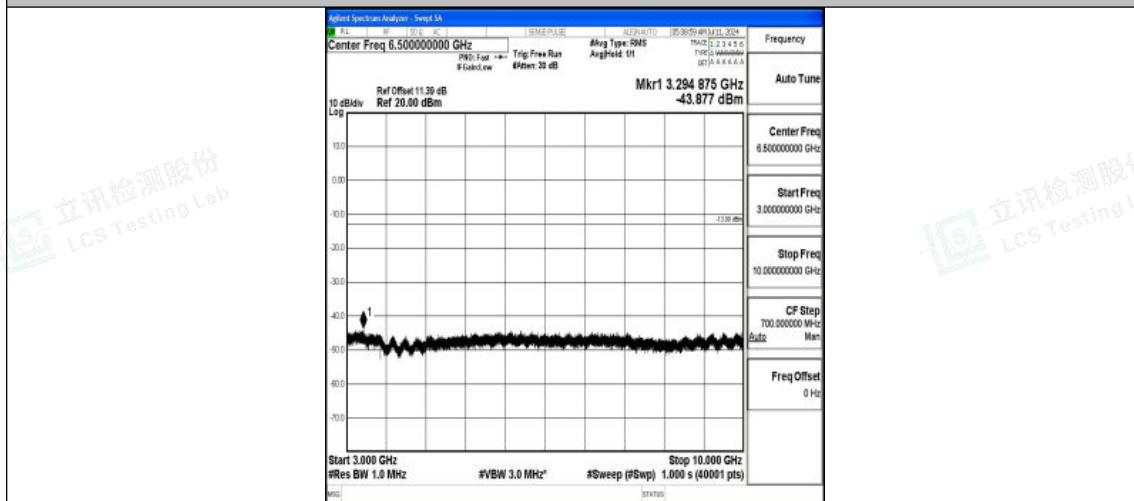
Scan code to check authenticity



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

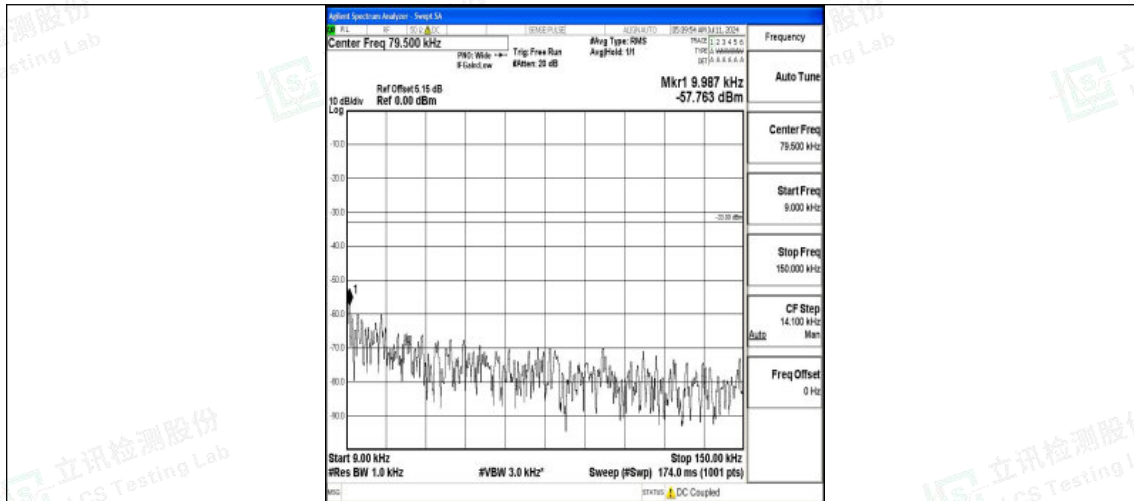


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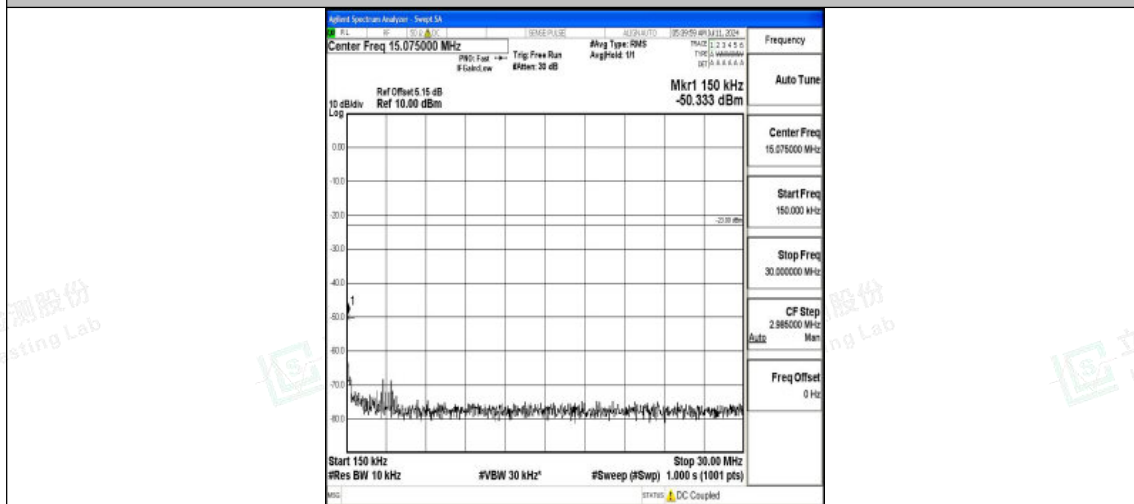
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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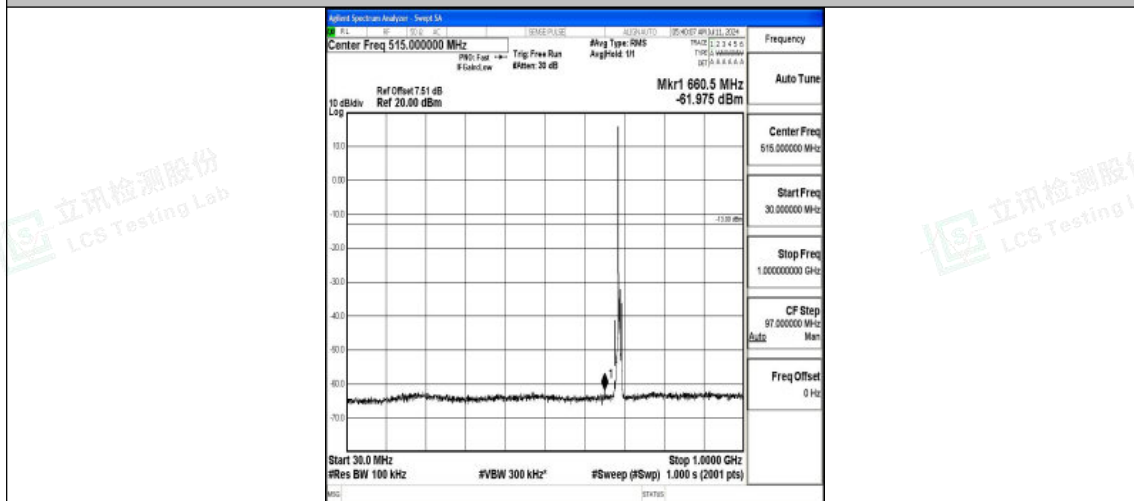
Scan code to check authenticity



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



Band71_5MHz_QPSK_133447_1RB#0_30~1000_30~1000



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