



Appendix S: Test Data for E-UTRA Band 71

Product Name: fixed wireless phone

Test Model: F151

Environmental Conditions

Temperature:	24.3°C
Relative Humidity:	55.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Can Kun



S.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Power(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	21.36	PASS
Band71	5MHz	QPSK	133147	1RB#12	23.04	PASS
Band71	5MHz	QPSK	133147	1RB#24	23.29	PASS
Band71	5MHz	QPSK	133147	12RB#0	22.41	PASS
Band71	5MHz	QPSK	133147	12RB#6	22.75	PASS
Band71	5MHz	QPSK	133147	12RB#13	22.85	PASS
Band71	5MHz	QPSK	133147	25RB#0	22.72	PASS
Band71	5MHz	16QAM	133147	1RB#0	21.13	PASS
Band71	5MHz	16QAM	133147	1RB#12	22.75	PASS
Band71	5MHz	16QAM	133147	1RB#24	22.64	PASS
Band71	5MHz	16QAM	133147	12RB#0	21.30	PASS
Band71	5MHz	16QAM	133147	12RB#6	21.74	PASS
Band71	5MHz	16QAM	133147	12RB#13	21.72	PASS
Band71	5MHz	16QAM	133147	25RB#0	21.60	PASS
Band71	5MHz	QPSK	133297	1RB#0	20.67	PASS
Band71	5MHz	QPSK	133297	1RB#12	22.72	PASS
Band71	5MHz	QPSK	133297	1RB#24	23.09	PASS
Band71	5MHz	QPSK	133297	12RB#0	21.41	PASS
Band71	5MHz	QPSK	133297	12RB#6	22.71	PASS
Band71	5MHz	QPSK	133297	12RB#13	22.81	PASS
Band71	5MHz	QPSK	133297	25RB#0	22.63	PASS
Band71	5MHz	16QAM	133297	1RB#0	20.58	PASS
Band71	5MHz	16QAM	133297	1RB#12	22.57	PASS
Band71	5MHz	16QAM	133297	1RB#24	22.44	PASS
Band71	5MHz	16QAM	133297	12RB#0	21.33	PASS
Band71	5MHz	16QAM	133297	12RB#6	21.57	PASS
Band71	5MHz	16QAM	133297	12RB#13	21.69	PASS
Band71	5MHz	16QAM	133297	25RB#0	21.67	PASS
Band71	5MHz	QPSK	133447	1RB#0	21.00	PASS
Band71	5MHz	QPSK	133447	1RB#12	19.98	PASS
Band71	5MHz	QPSK	133447	1RB#24	22.92	PASS
Band71	5MHz	QPSK	133447	12RB#0	18.95	PASS
Band71	5MHz	QPSK	133447	12RB#6	20.16	PASS
Band71	5MHz	QPSK	133447	12RB#13	22.72	PASS
Band71	5MHz	QPSK	133447	25RB#0	20.83	PASS
Band71	5MHz	16QAM	133447	1RB#0	20.00	PASS
Band71	5MHz	16QAM	133447	1RB#12	20.03	PASS
Band71	5MHz	16QAM	133447	1RB#24	22.32	PASS
Band71	5MHz	16QAM	133447	12RB#0	19.18	PASS
Band71	5MHz	16QAM	133447	12RB#6	20.12	PASS
Band71	5MHz	16QAM	133447	12RB#13	21.68	PASS
Band71	5MHz	16QAM	133447	25RB#0	20.74	PASS
Band71	10MHz	QPSK	133172	1RB#0	21.74	PASS
Band71	10MHz	QPSK	133172	1RB#24	23.14	PASS
Band71	10MHz	QPSK	133172	1RB#49	19.47	PASS
Band71	10MHz	QPSK	133172	25RB#0	22.37	PASS
Band71	10MHz	QPSK	133172	25RB#12	22.72	PASS
Band71	10MHz	QPSK	133172	25RB#25	21.77	PASS
Band71	10MHz	QPSK	133172	50RB#0	22.50	PASS
Band71	10MHz	16QAM	133172	1RB#0	21.27	PASS



Band71	10MHz	16QAM	133172	1RB#24	22.81	PASS
Band71	10MHz	16QAM	133172	1RB#49	19.45	PASS
Band71	10MHz	16QAM	133172	25RB#0	21.24	PASS
Band71	10MHz	16QAM	133172	25RB#12	21.51	PASS
Band71	10MHz	16QAM	133172	25RB#25	21.24	PASS
Band71	10MHz	16QAM	133172	50RB#0	21.18	PASS
Band71	10MHz	QPSK	133297	1RB#0	18.85	PASS
Band71	10MHz	QPSK	133297	1RB#24	22.36	PASS
Band71	10MHz	QPSK	133297	1RB#49	23.65	PASS
Band71	10MHz	QPSK	133297	25RB#0	20.34	PASS
Band71	10MHz	QPSK	133297	25RB#12	22.69	PASS
Band71	10MHz	QPSK	133297	25RB#25	22.94	PASS
Band71	10MHz	QPSK	133297	50RB#0	22.73	PASS
Band71	10MHz	16QAM	133297	1RB#0	18.85	PASS
Band71	10MHz	16QAM	133297	1RB#24	22.27	PASS
Band71	10MHz	16QAM	133297	1RB#49	22.39	PASS
Band71	10MHz	16QAM	133297	25RB#0	20.25	PASS
Band71	10MHz	16QAM	133297	25RB#12	21.61	PASS
Band71	10MHz	16QAM	133297	25RB#25	21.91	PASS
Band71	10MHz	16QAM	133297	50RB#0	21.74	PASS
Band71	10MHz	QPSK	133422	1RB#0	23.31	PASS
Band71	10MHz	QPSK	133422	1RB#24	17.95	PASS
Band71	10MHz	QPSK	133422	1RB#49	22.62	PASS
Band71	10MHz	QPSK	133422	25RB#0	20.03	PASS
Band71	10MHz	QPSK	133422	25RB#12	18.26	PASS
Band71	10MHz	QPSK	133422	25RB#25	20.42	PASS
Band71	10MHz	QPSK	133422	50RB#0	20.00	PASS
Band71	10MHz	16QAM	133422	1RB#0	22.46	PASS
Band71	10MHz	16QAM	133422	1RB#24	18.62	PASS
Band71	10MHz	16QAM	133422	1RB#49	22.42	PASS
Band71	10MHz	16QAM	133422	25RB#0	19.87	PASS
Band71	10MHz	16QAM	133422	25RB#12	18.84	PASS
Band71	10MHz	16QAM	133422	25RB#25	20.35	PASS
Band71	10MHz	16QAM	133422	50RB#0	20.00	PASS
Band71	15MHz	QPSK	133197	1RB#0	22.27	PASS
Band71	15MHz	QPSK	133197	1RB#38	22.34	PASS
Band71	15MHz	QPSK	133197	1RB#74	19.53	PASS
Band71	15MHz	QPSK	133197	38RB#0	22.68	PASS
Band71	15MHz	QPSK	133197	38RB#18	21.00	PASS
Band71	15MHz	QPSK	133197	38RB#37	21.00	PASS
Band71	15MHz	QPSK	133197	75RB#0	21.85	PASS
Band71	15MHz	16QAM	133197	1RB#0	21.88	PASS
Band71	15MHz	16QAM	133197	1RB#38	22.11	PASS
Band71	15MHz	16QAM	133197	1RB#74	19.52	PASS
Band71	15MHz	16QAM	133197	38RB#0	21.42	PASS
Band71	15MHz	16QAM	133197	38RB#18	21.77	PASS
Band71	15MHz	16QAM	133197	38RB#37	21.00	PASS
Band71	15MHz	16QAM	133197	75RB#0	21.61	PASS
Band71	15MHz	QPSK	133297	1RB#0	21.00	PASS
Band71	15MHz	QPSK	133297	1RB#38	22.74	PASS
Band71	15MHz	QPSK	133297	1RB#74	23.65	PASS
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Band71	15MHz	QPSK	133297	38RB#18	22.80	PASS
Band71	15MHz	QPSK	133297	38RB#37	22.92	PASS
Band71	15MHz	QPSK	133297	75RB#0	22.46	PASS
Band71	15MHz	16QAM	133297	1RB#0	19.01	PASS



Band71	15MHz	16QAM	133297	1RB#38	22.58	PASS
Band71	15MHz	16QAM	133297	1RB#74	22.54	PASS
Band71	15MHz	16QAM	133297	38RB#0	22.00	PASS
Band71	15MHz	16QAM	133297	38RB#18	21.75	PASS
Band71	15MHz	16QAM	133297	38RB#37	21.79	PASS
Band71	15MHz	16QAM	133297	75RB#0	21.68	PASS
Band71	15MHz	QPSK	133397	1RB#0	23.58	PASS
Band71	15MHz	QPSK	133397	1RB#38	19.63	PASS
Band71	15MHz	QPSK	133397	1RB#74	22.71	PASS
Band71	15MHz	QPSK	133397	38RB#0	23.07	PASS
Band71	15MHz	QPSK	133397	38RB#18	22.00	PASS
Band71	15MHz	QPSK	133397	38RB#37	22.00	PASS
Band71	15MHz	QPSK	133397	75RB#0	22.14	PASS
Band71	15MHz	16QAM	133397	1RB#0	22.24	PASS
Band71	15MHz	16QAM	133397	1RB#38	19.58	PASS
Band71	15MHz	16QAM	133397	1RB#74	22.33	PASS
Band71	15MHz	16QAM	133397	38RB#0	21.94	PASS
Band71	15MHz	16QAM	133397	38RB#18	20.77	PASS
Band71	15MHz	16QAM	133397	38RB#37	21.00	PASS
Band71	15MHz	16QAM	133397	75RB#0	21.86	PASS
Band71	20MHz	QPSK	133222	1RB#0	22.32	PASS
Band71	20MHz	QPSK	133222	1RB#49	19.21	PASS
Band71	20MHz	QPSK	133222	1RB#99	23.16	PASS
Band71	20MHz	QPSK	133222	50RB#0	22.64	PASS
Band71	20MHz	QPSK	133222	50RB#25	22.00	PASS
Band71	20MHz	QPSK	133222	50RB#50	20.73	PASS
Band71	20MHz	QPSK	133222	100RB#0	21.71	PASS
Band71	20MHz	16QAM	133222	1RB#0	22.06	PASS
Band71	20MHz	16QAM	133222	1RB#49	19.11	PASS
Band71	20MHz	16QAM	133222	1RB#99	22.12	PASS
Band71	20MHz	16QAM	133222	50RB#0	21.64	PASS
Band71	20MHz	16QAM	133222	50RB#25	21.00	PASS
Band71	20MHz	16QAM	133222	50RB#50	20.55	PASS
Band71	20MHz	16QAM	133222	100RB#0	21.54	PASS
Band71	20MHz	QPSK	133322	1RB#0	22.00	PASS
Band71	20MHz	QPSK	133322	1RB#49	23.27	PASS
Band71	20MHz	QPSK	133322	1RB#99	22.00	PASS
Band71	20MHz	QPSK	133322	50RB#0	21.42	PASS
Band71	20MHz	QPSK	133322	50RB#25	22.61	PASS
Band71	20MHz	QPSK	133322	50RB#50	22.20	PASS
Band71	20MHz	QPSK	133322	100RB#0	22.14	PASS
Band71	20MHz	16QAM	133322	1RB#0	18.85	PASS
Band71	20MHz	16QAM	133322	1RB#49	22.78	PASS
Band71	20MHz	16QAM	133322	1RB#99	21.00	PASS
Band71	20MHz	16QAM	133322	50RB#0	20.88	PASS
Band71	20MHz	16QAM	133322	50RB#25	21.48	PASS
Band71	20MHz	16QAM	133322	50RB#50	21.12	PASS
Band71	20MHz	16QAM	133322	100RB#0	21.09	PASS
Band71	20MHz	QPSK	133372	1RB#0	21.66	PASS



Band71	20MHz	QPSK	133372	1RB#49	23.71	PASS
Band71	20MHz	QPSK	133372	1RB#99	22.78	PASS
Band71	20MHz	QPSK	133372	50RB#0	22.27	PASS
Band71	20MHz	QPSK	133372	50RB#25	22.66	PASS
Band71	20MHz	QPSK	133372	50RB#50	22.00	PASS
Band71	20MHz	QPSK	133372	100RB#0	22.34	PASS
Band71	20MHz	16QAM	133372	1RB#0	21.76	PASS
Band71	20MHz	16QAM	133372	1RB#49	22.80	PASS
Band71	20MHz	16QAM	133372	1RB#99	22.36	PASS
Band71	20MHz	16QAM	133372	50RB#0	21.24	PASS
Band71	20MHz	16QAM	133372	50RB#25	21.64	PASS
Band71	20MHz	16QAM	133372	50RB#50	21.00	PASS
Band71	20MHz	16QAM	133372	100RB#0	21.38	PASS



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

Test Result

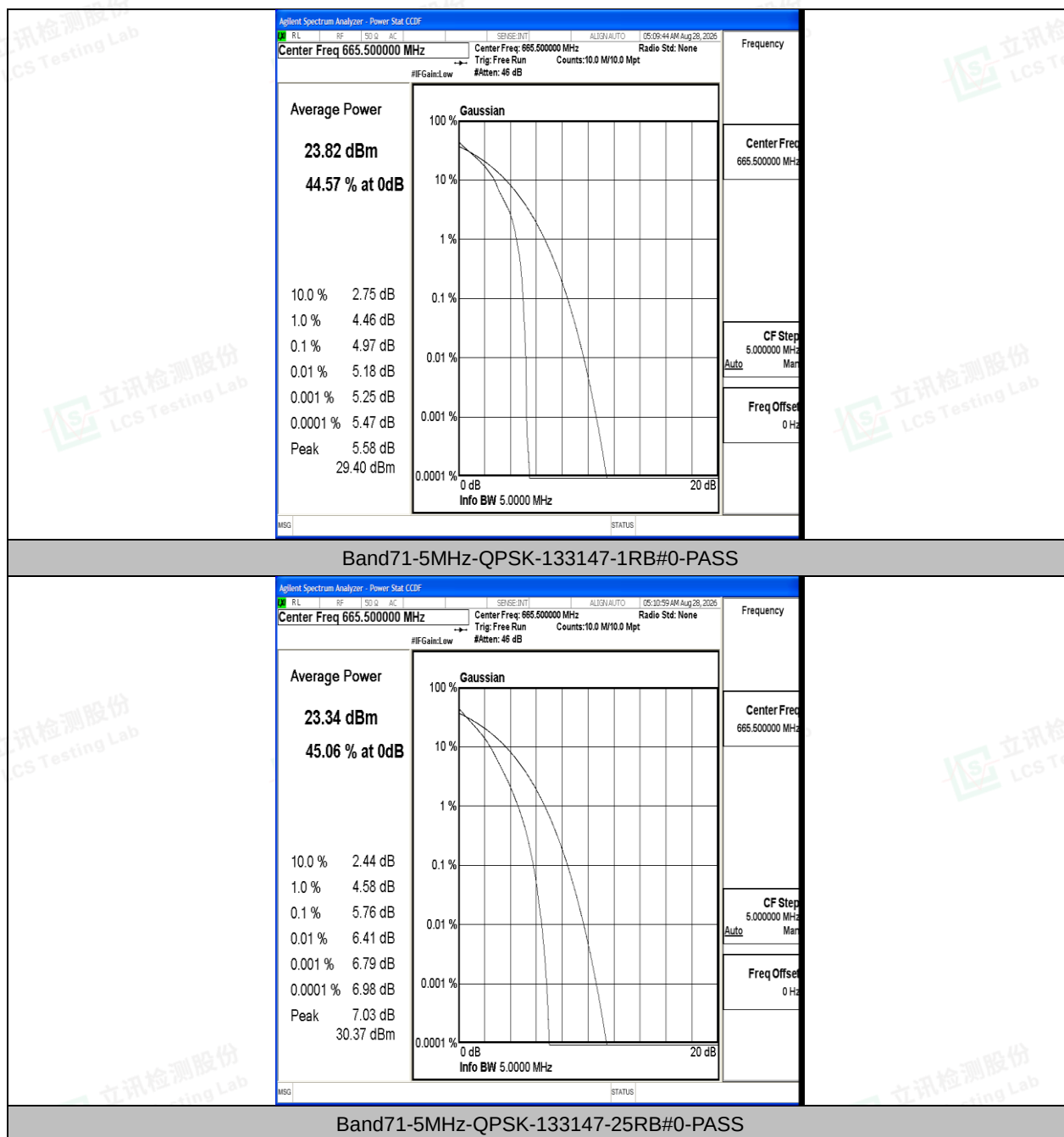
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	4.97	13	PASS
Band71	5MHz	QPSK	133147	25RB#0	5.76	13	PASS
Band71	5MHz	16QAM	133147	1RB#0	5.75	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	6.47	13	PASS
Band71	5MHz	QPSK	133297	1RB#0	5.65	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	5.79	13	PASS
Band71	5MHz	16QAM	133297	1RB#0	6.32	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	6.61	13	PASS
Band71	5MHz	QPSK	133447	1RB#0	5.37	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	5.71	13	PASS
Band71	5MHz	16QAM	133447	1RB#0	5.83	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	6.49	13	PASS
Band71	10MHz	QPSK	133172	1RB#0	4.98	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	5.72	13	PASS
Band71	10MHz	16QAM	133172	1RB#0	5.74	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	6.46	13	PASS
Band71	10MHz	QPSK	133297	1RB#0	5.42	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	5.86	13	PASS
Band71	10MHz	16QAM	133297	1RB#0	6.16	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	6.63	13	PASS
Band71	10MHz	QPSK	133422	1RB#0	5.07	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	5.77	13	PASS
Band71	10MHz	16QAM	133422	1RB#0	5.81	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	6.57	13	PASS
Band71	15MHz	QPSK	133197	1RB#0	5.07	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	5.90	13	PASS
Band71	15MHz	16QAM	133197	1RB#0	5.88	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	6.44	13	PASS
Band71	15MHz	QPSK	133297	1RB#0	5.35	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	6.11	13	PASS
Band71	15MHz	16QAM	133297	1RB#0	5.80	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	6.60	13	PASS
Band71	15MHz	QPSK	133397	1RB#0	5.09	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	5.88	13	PASS
Band71	15MHz	16QAM	133397	1RB#0	5.84	13	PASS
Band71	15MHz	16QAM	133397	75RB#0	6.47	13	PASS
Band71	20MHz	QPSK	133222	1RB#0	5.07	13	PASS

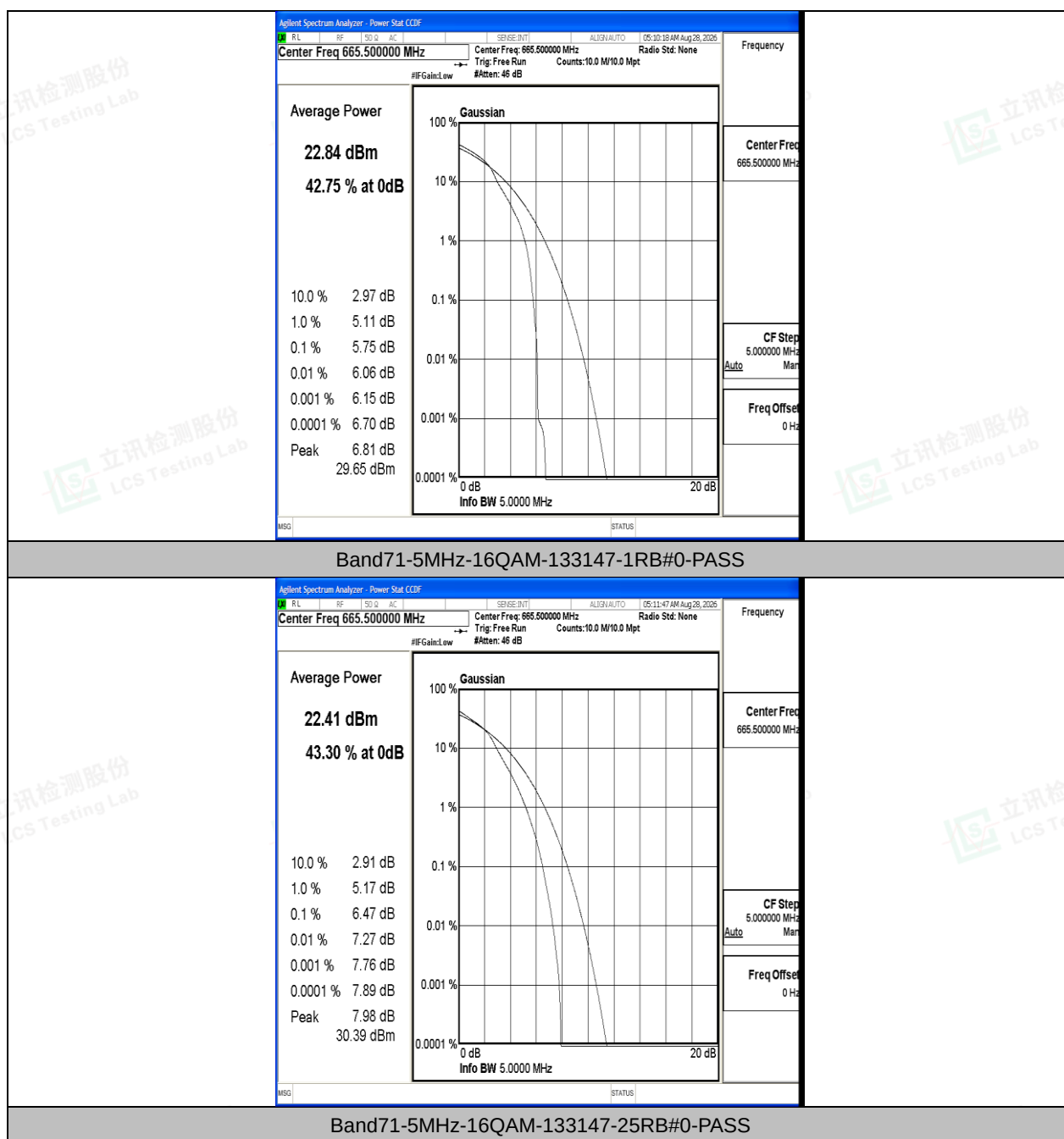


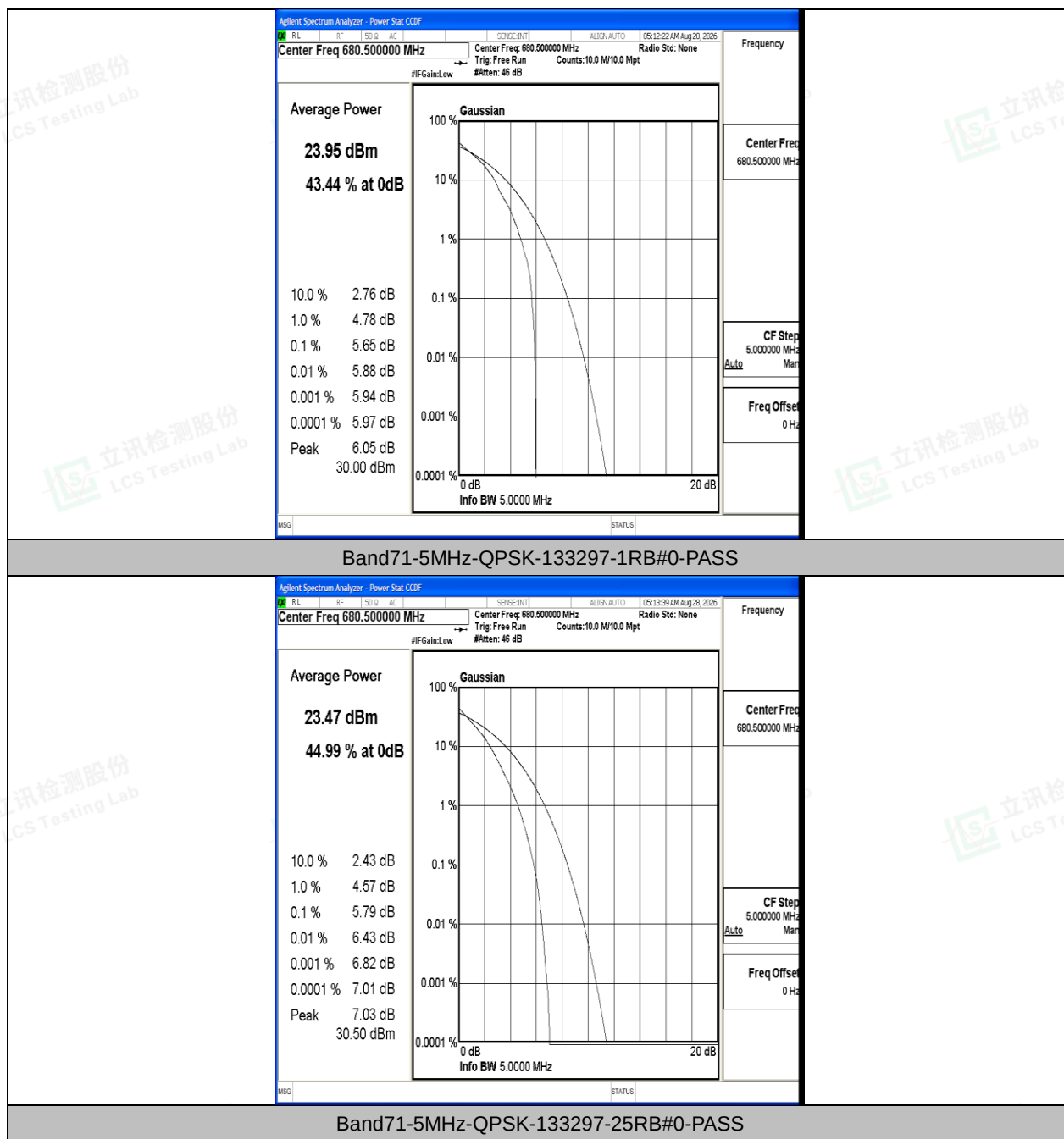
Band71	20MHz	QPSK	133222	100RB#0	5.65	13	PASS
Band71	20MHz	16QAM	133222	1RB#0	5.67	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.48	13	PASS
Band71	20MHz	QPSK	133322	1RB#0	5.42	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.82	13	PASS
Band71	20MHz	16QAM	133322	1RB#0	6.05	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.53	13	PASS
Band71	20MHz	QPSK	133372	1RB#0	5.54	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.65	13	PASS
Band71	20MHz	16QAM	133372	1RB#0	6.24	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.45	13	PASS

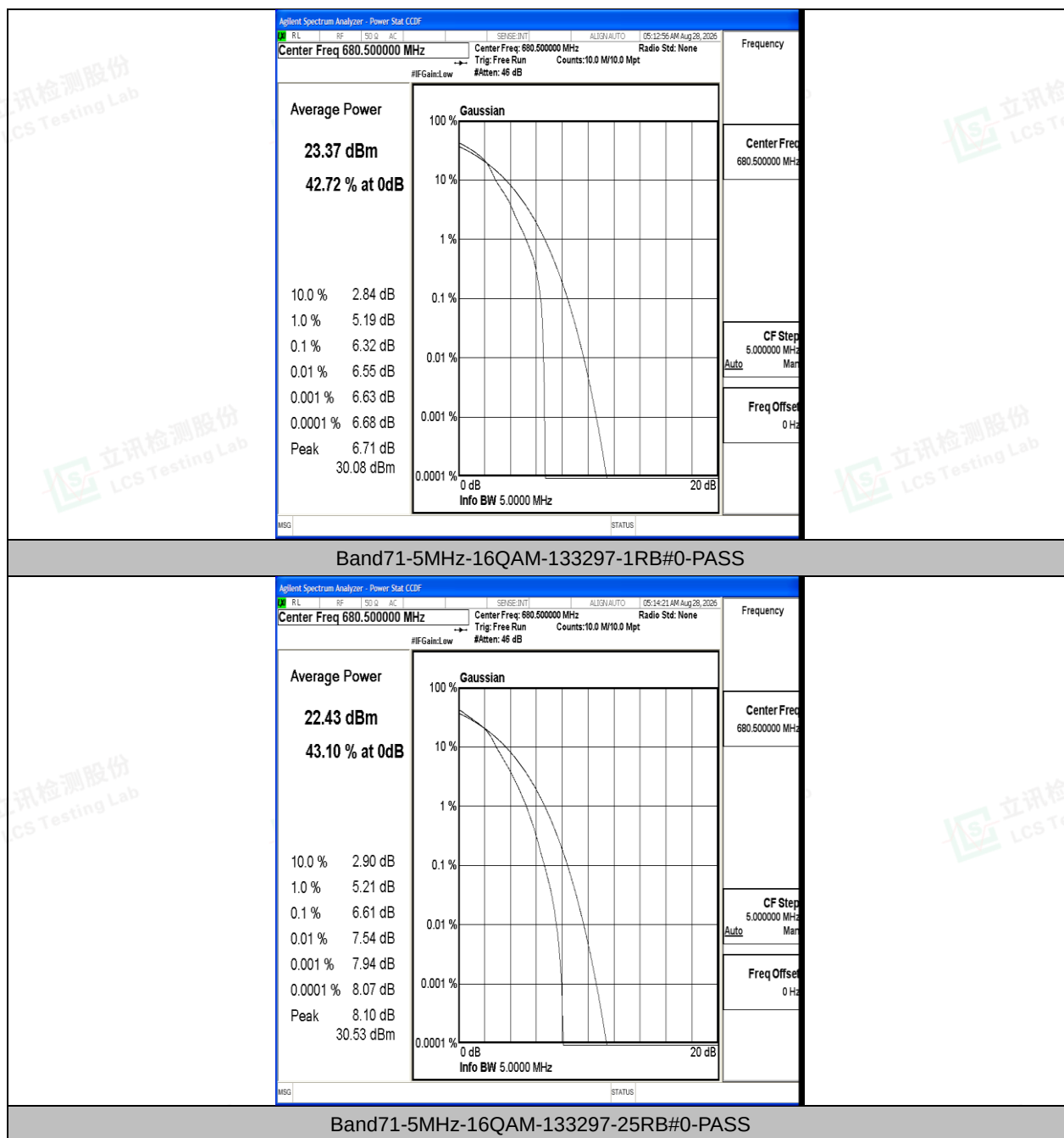


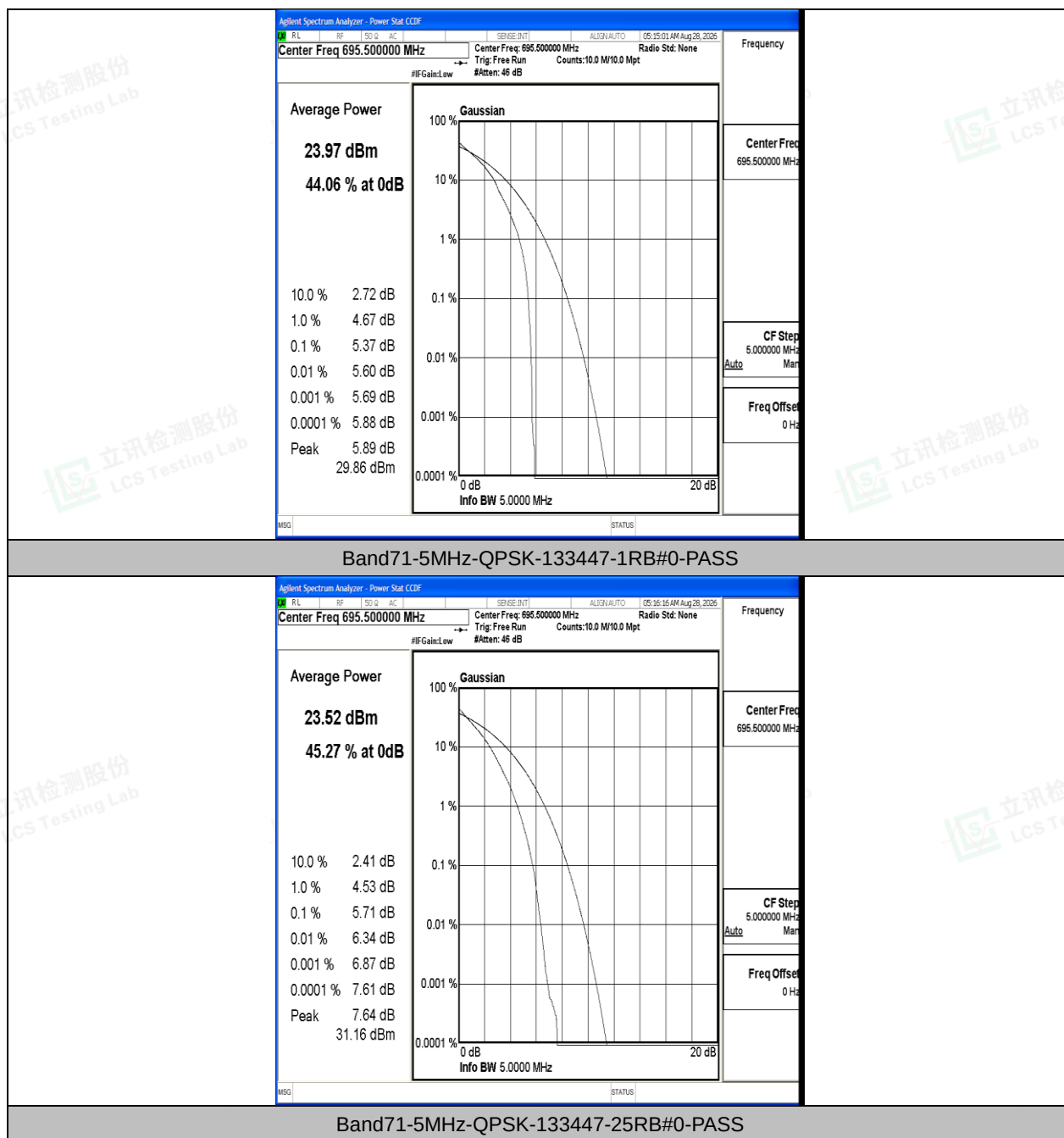
Test Graphs

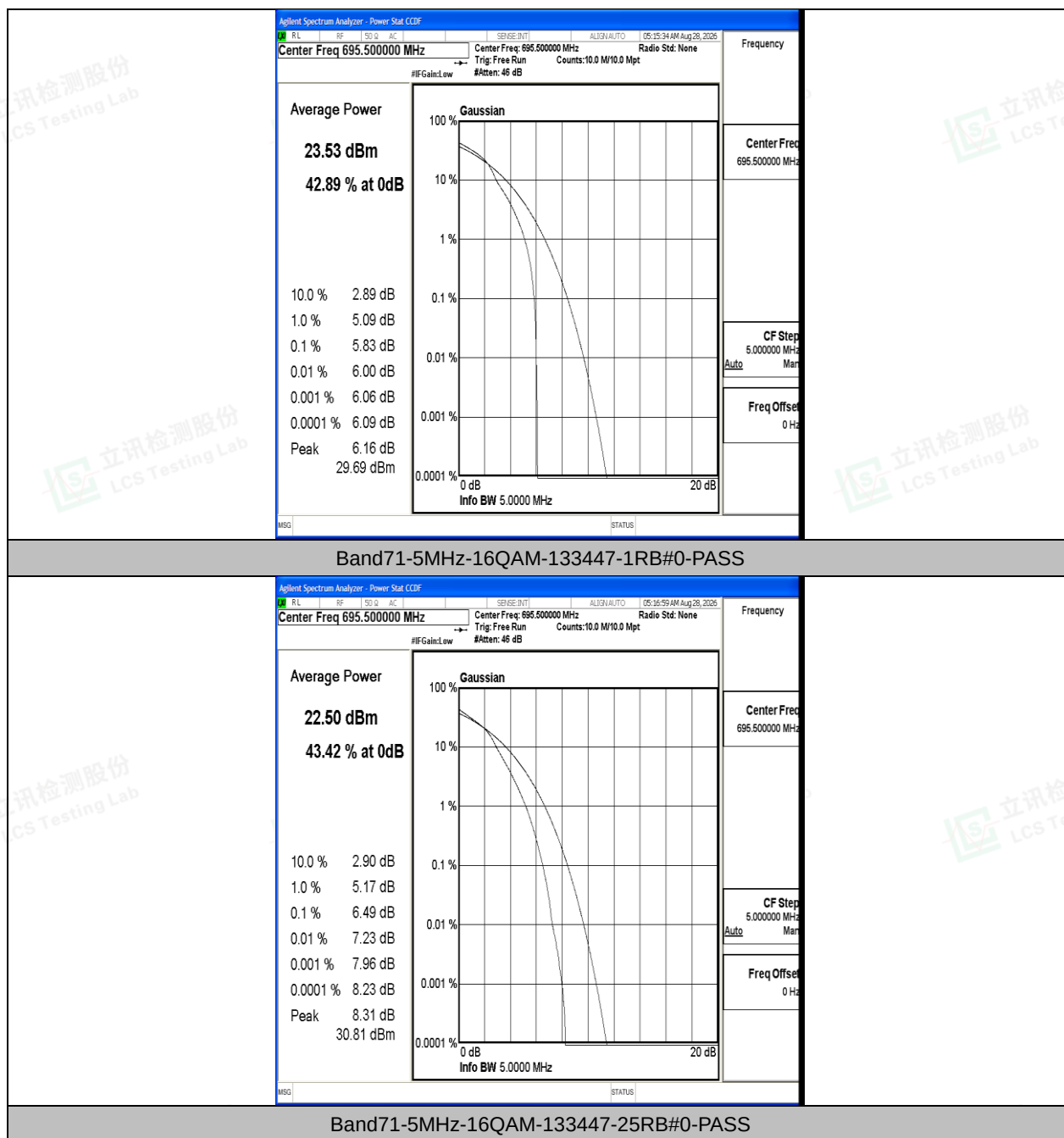


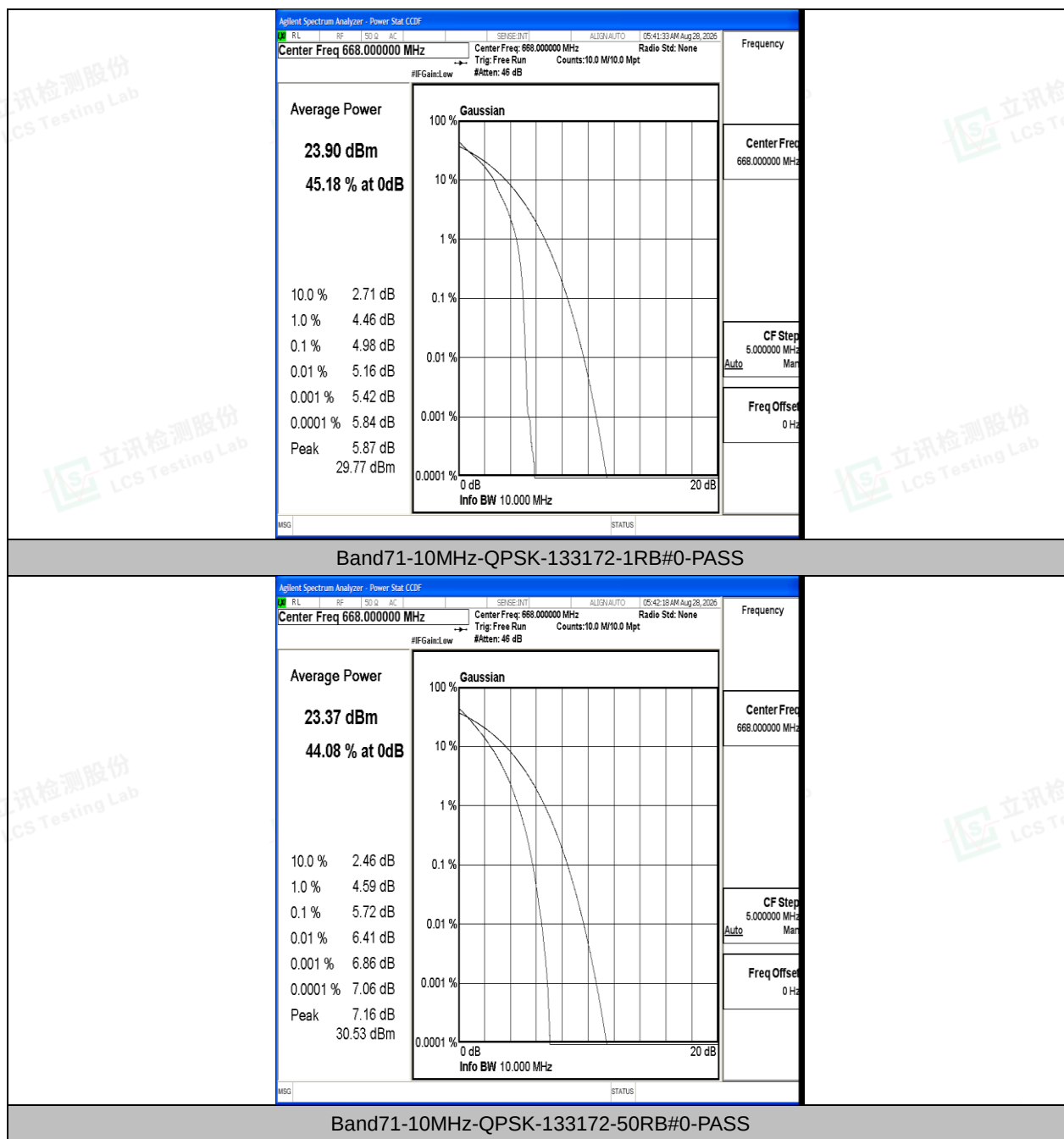


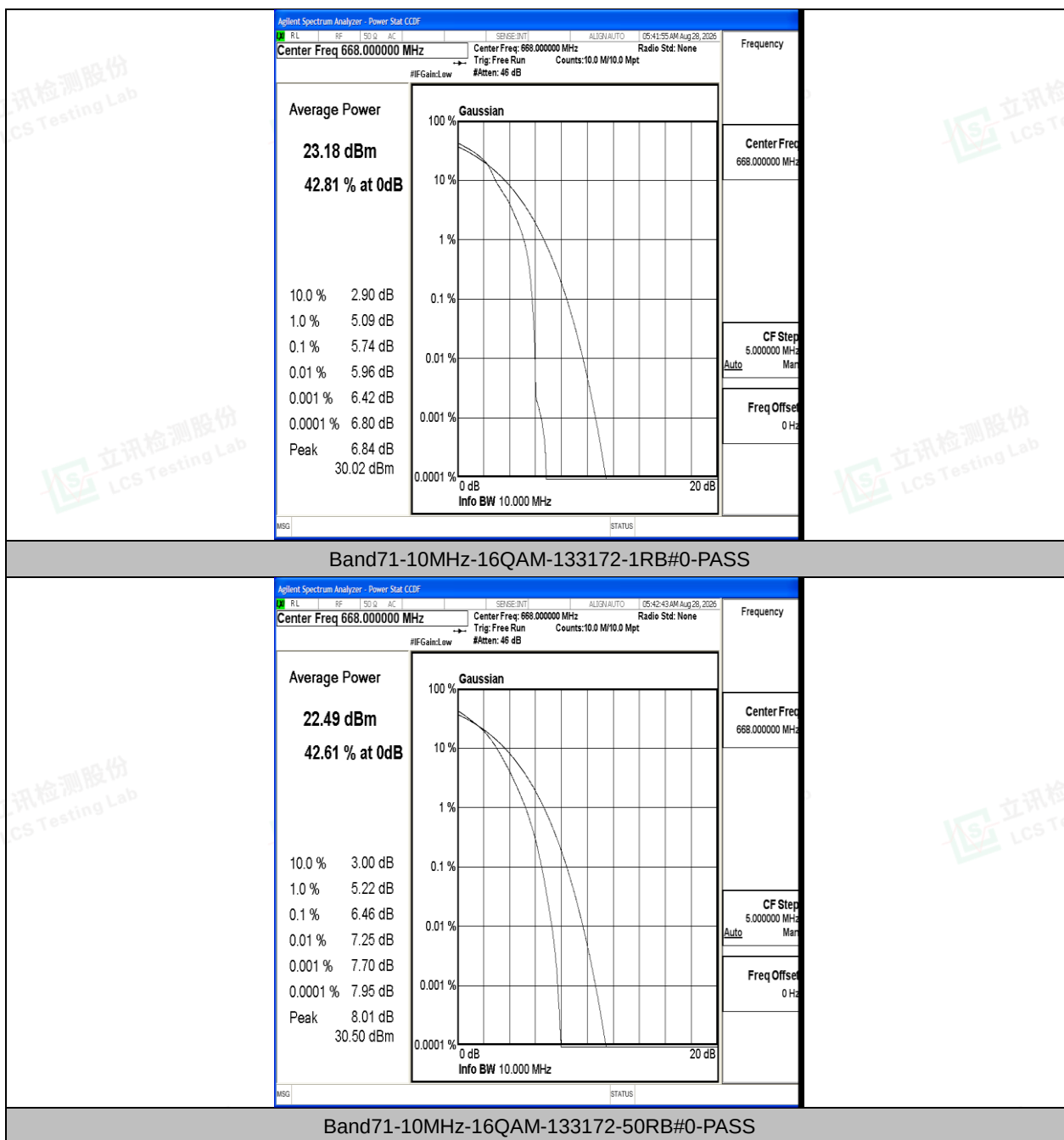


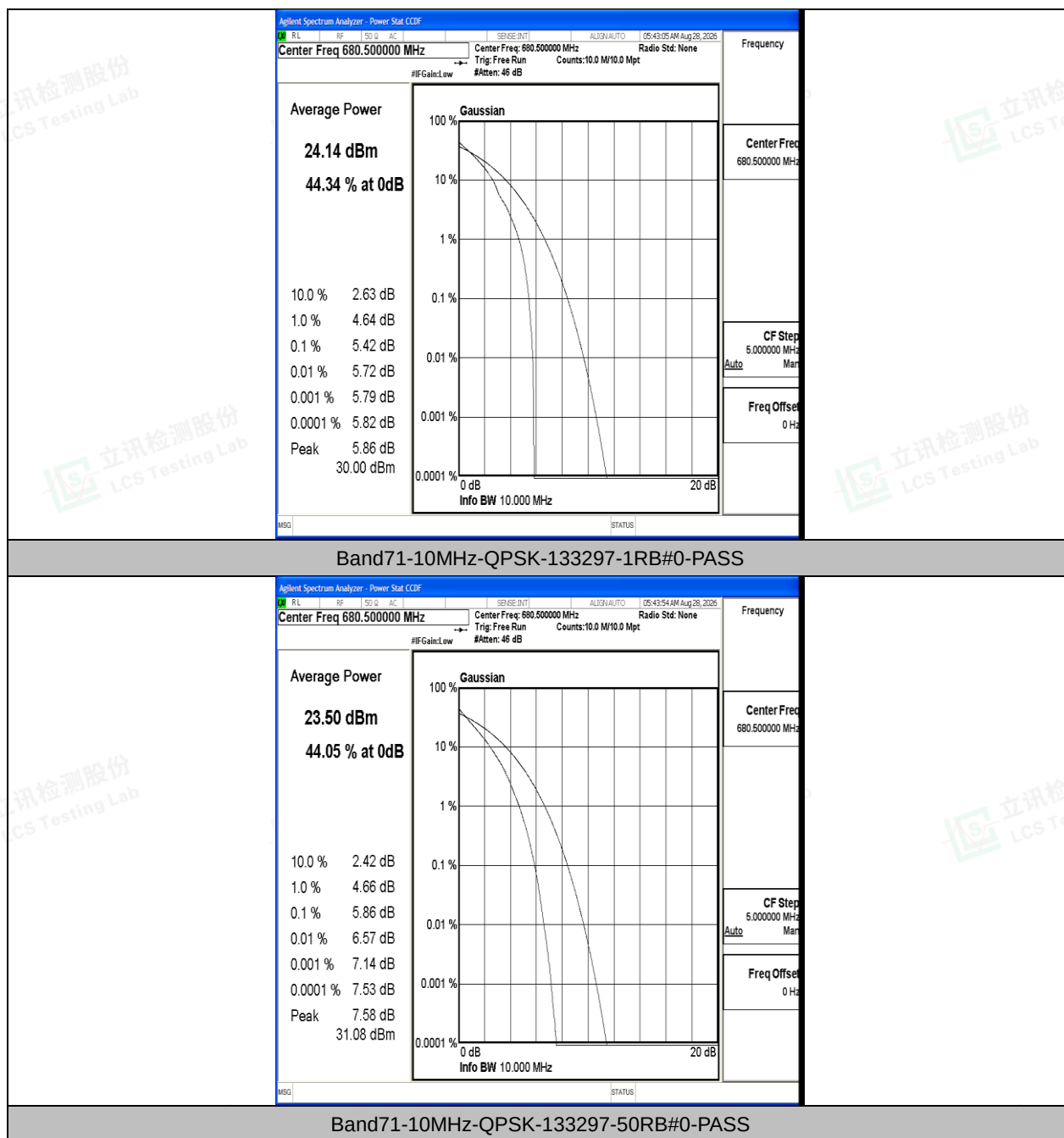


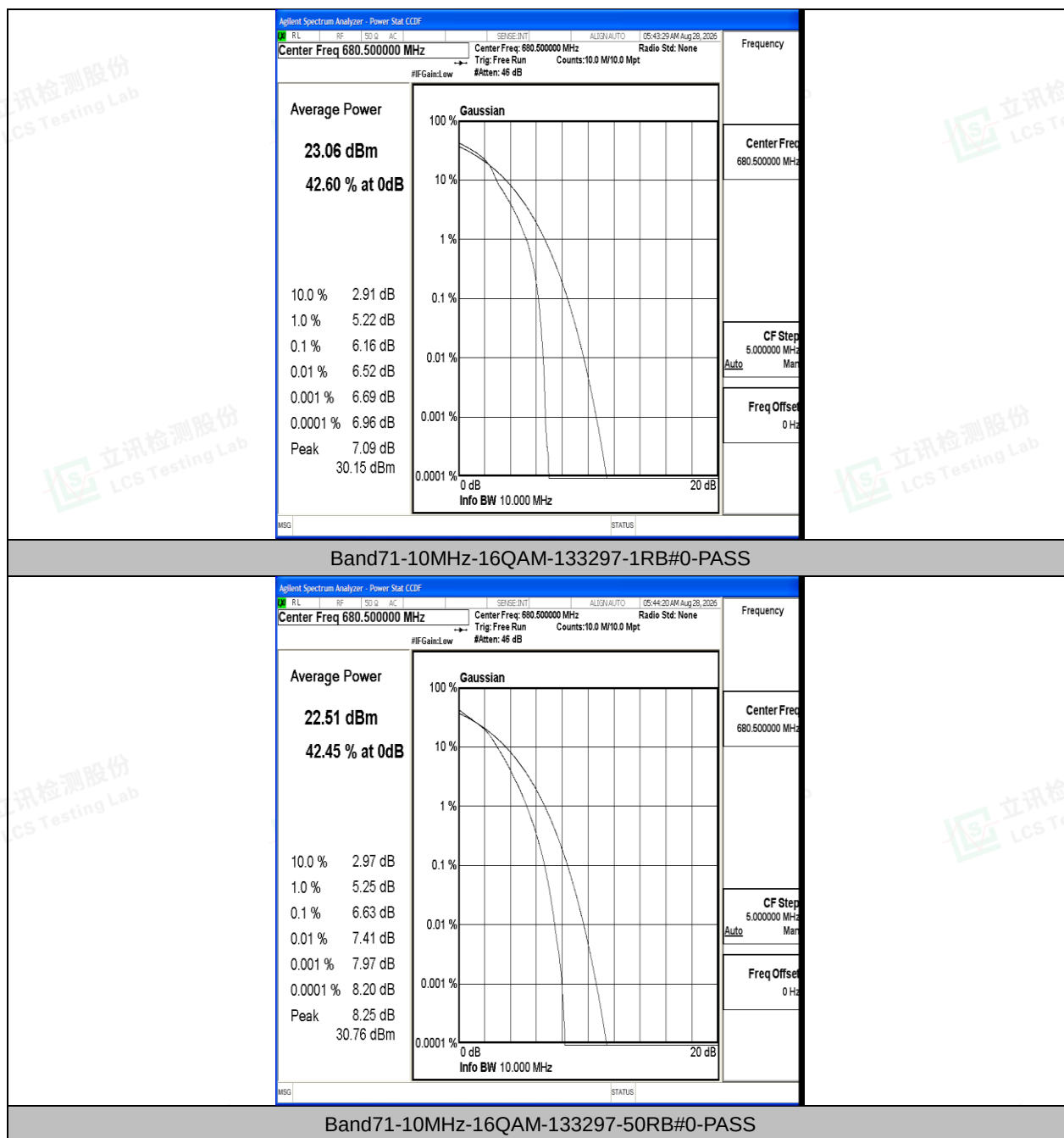


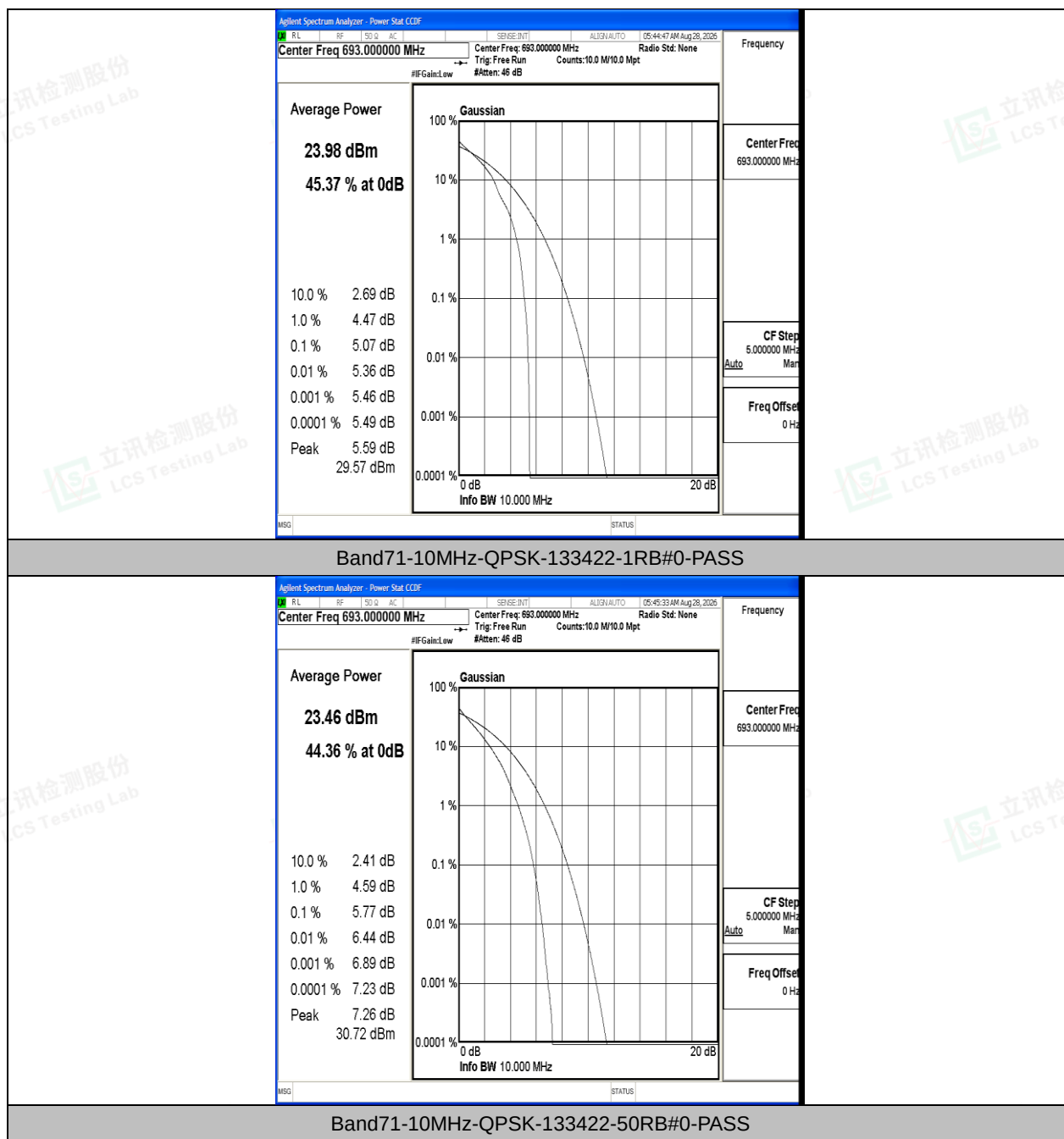


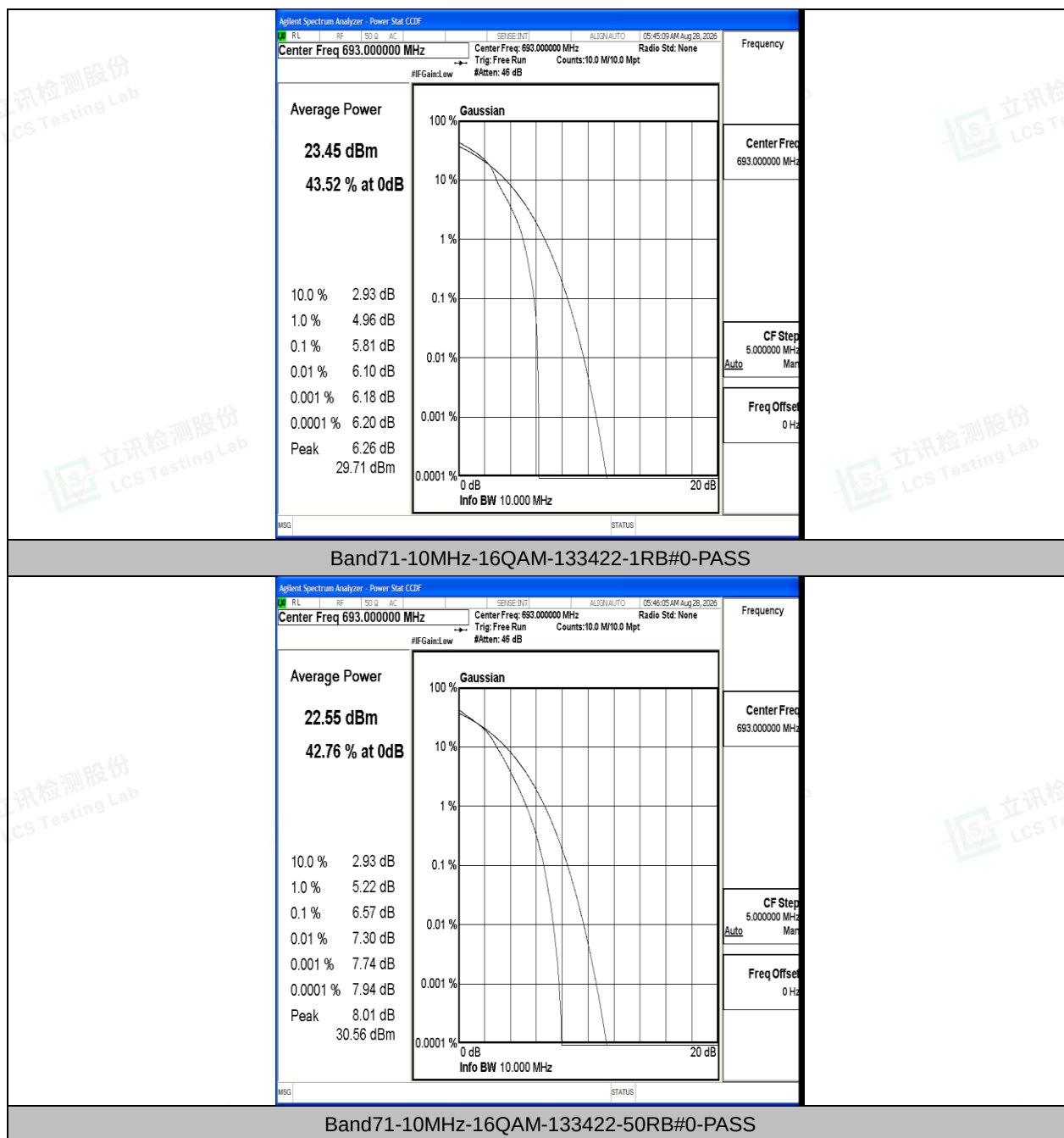


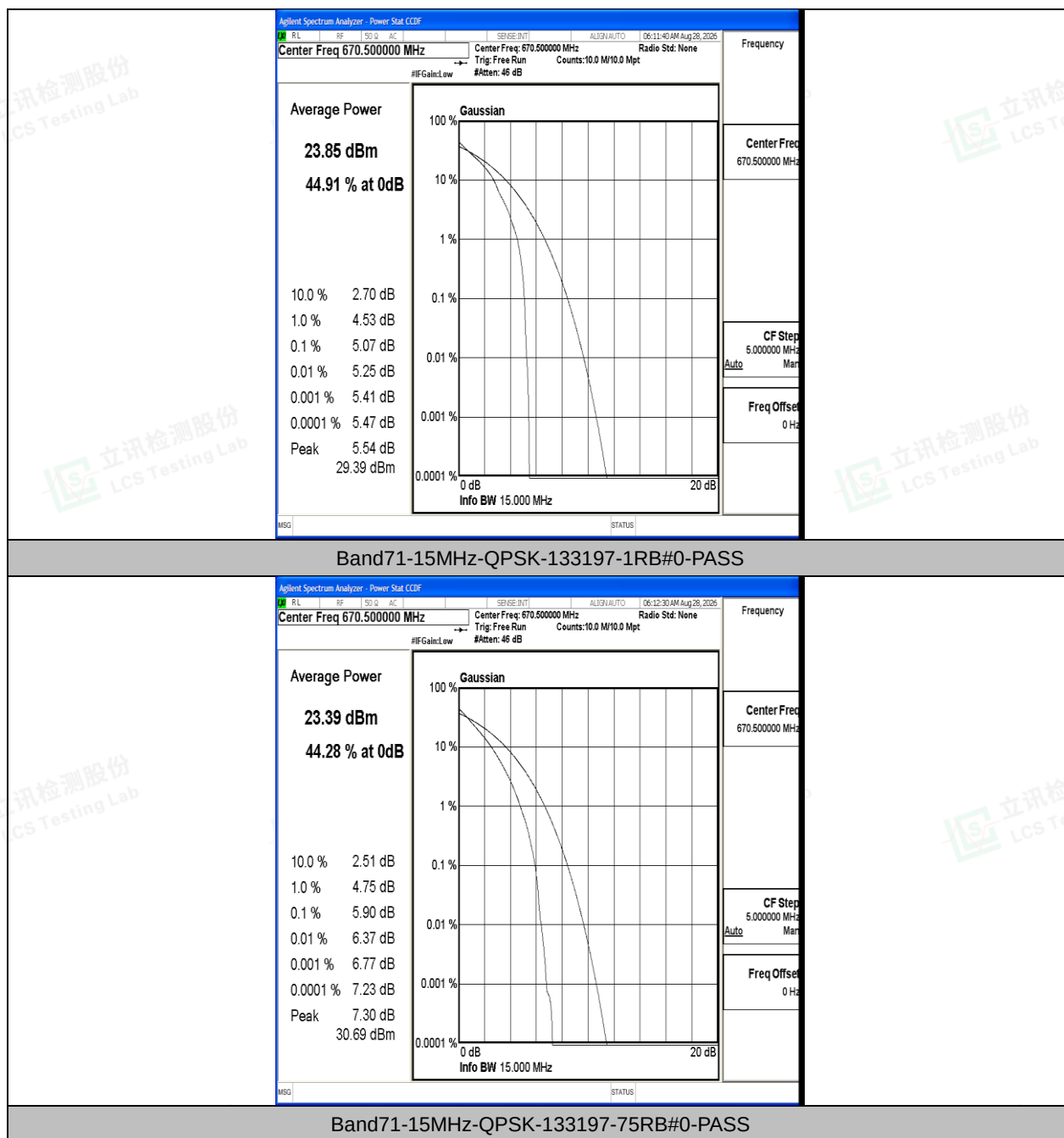


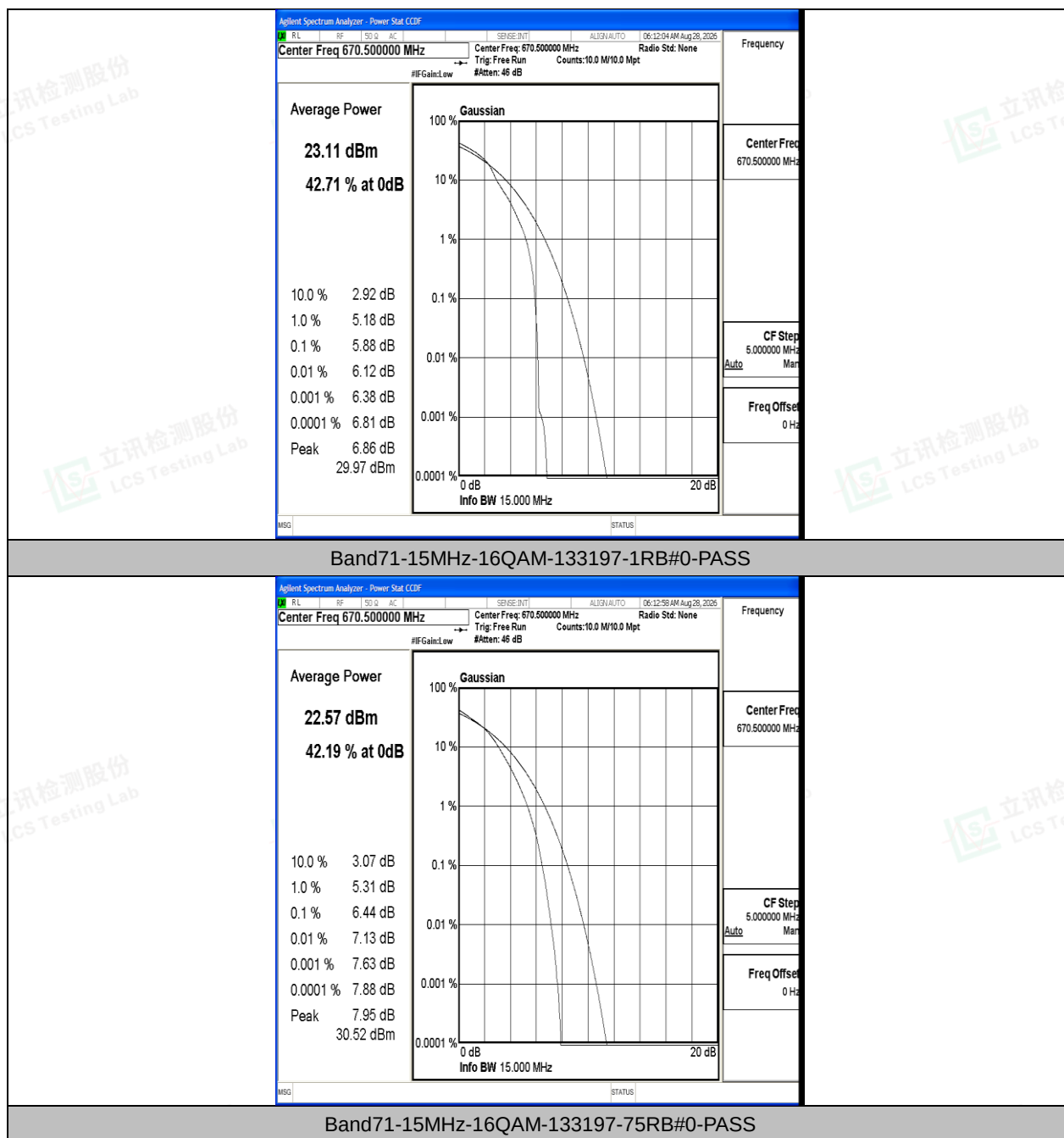


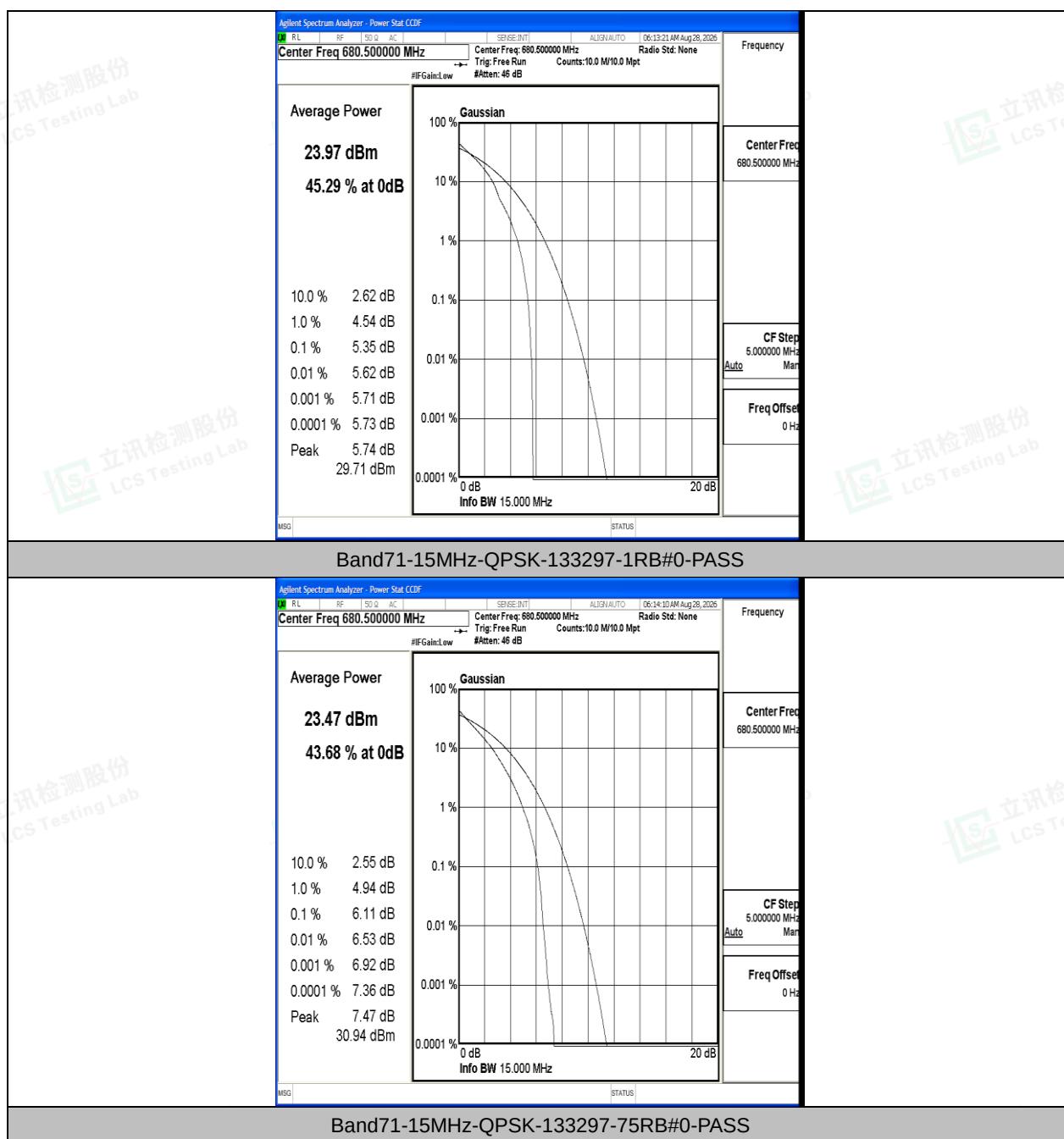


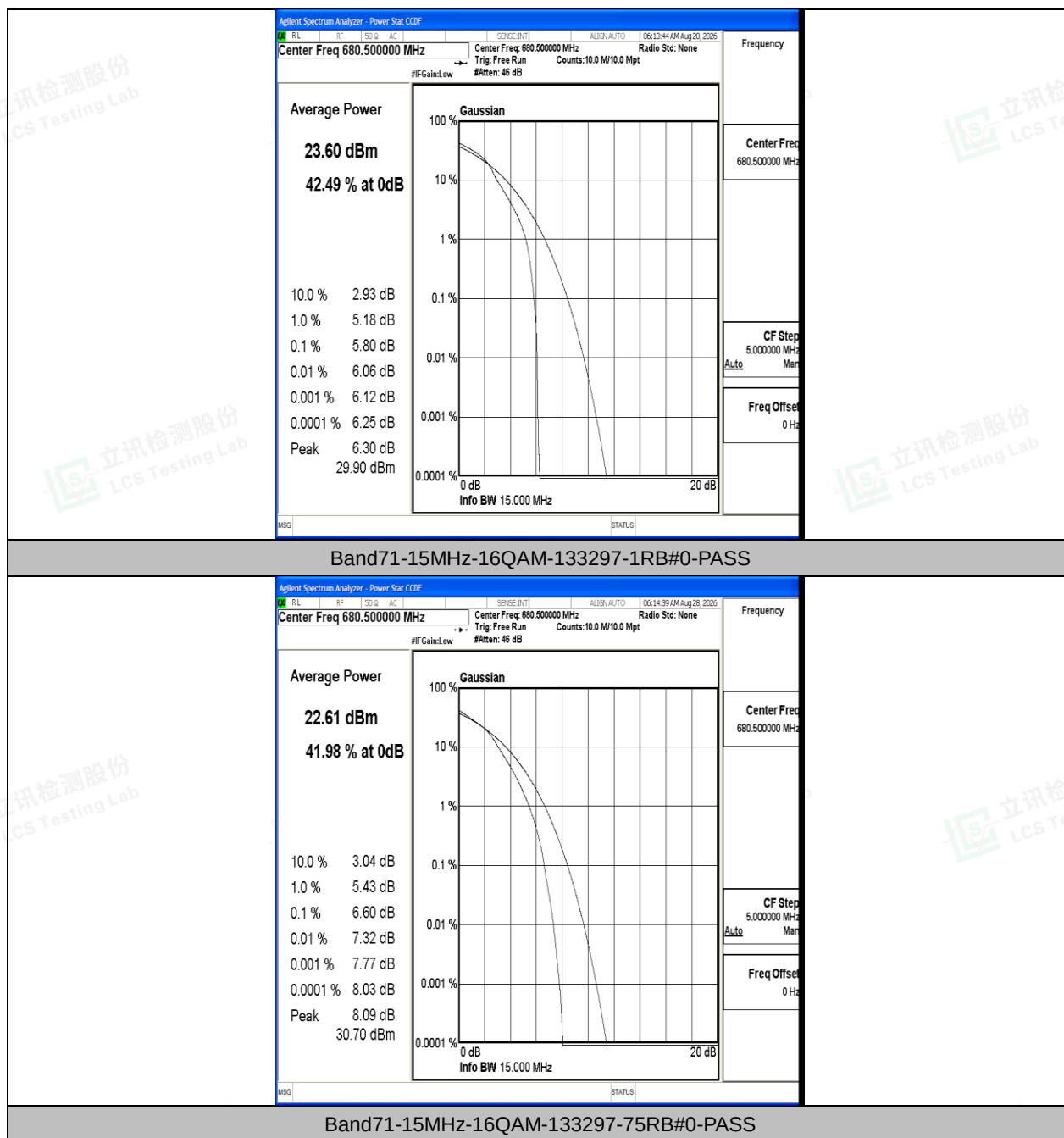


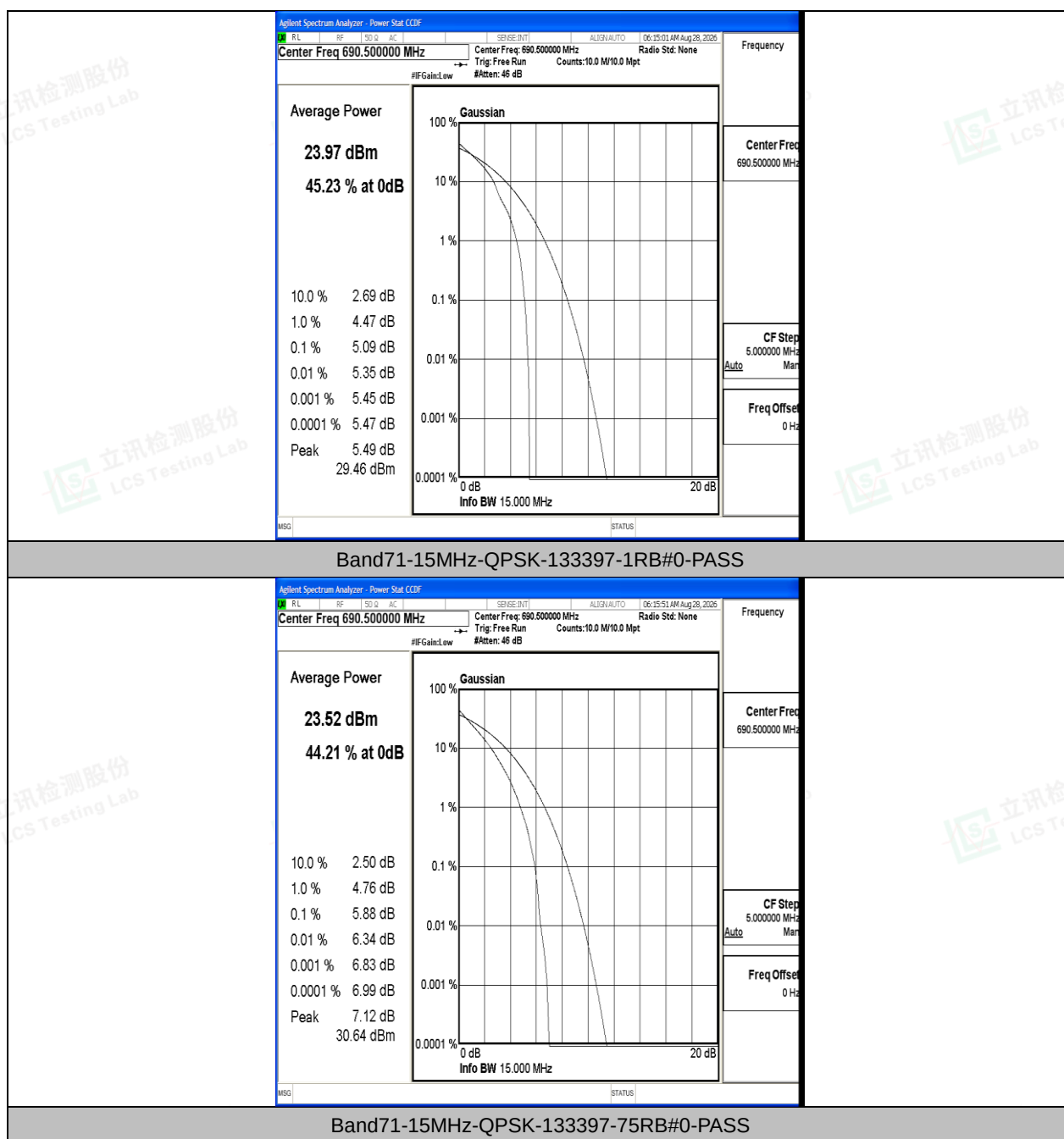


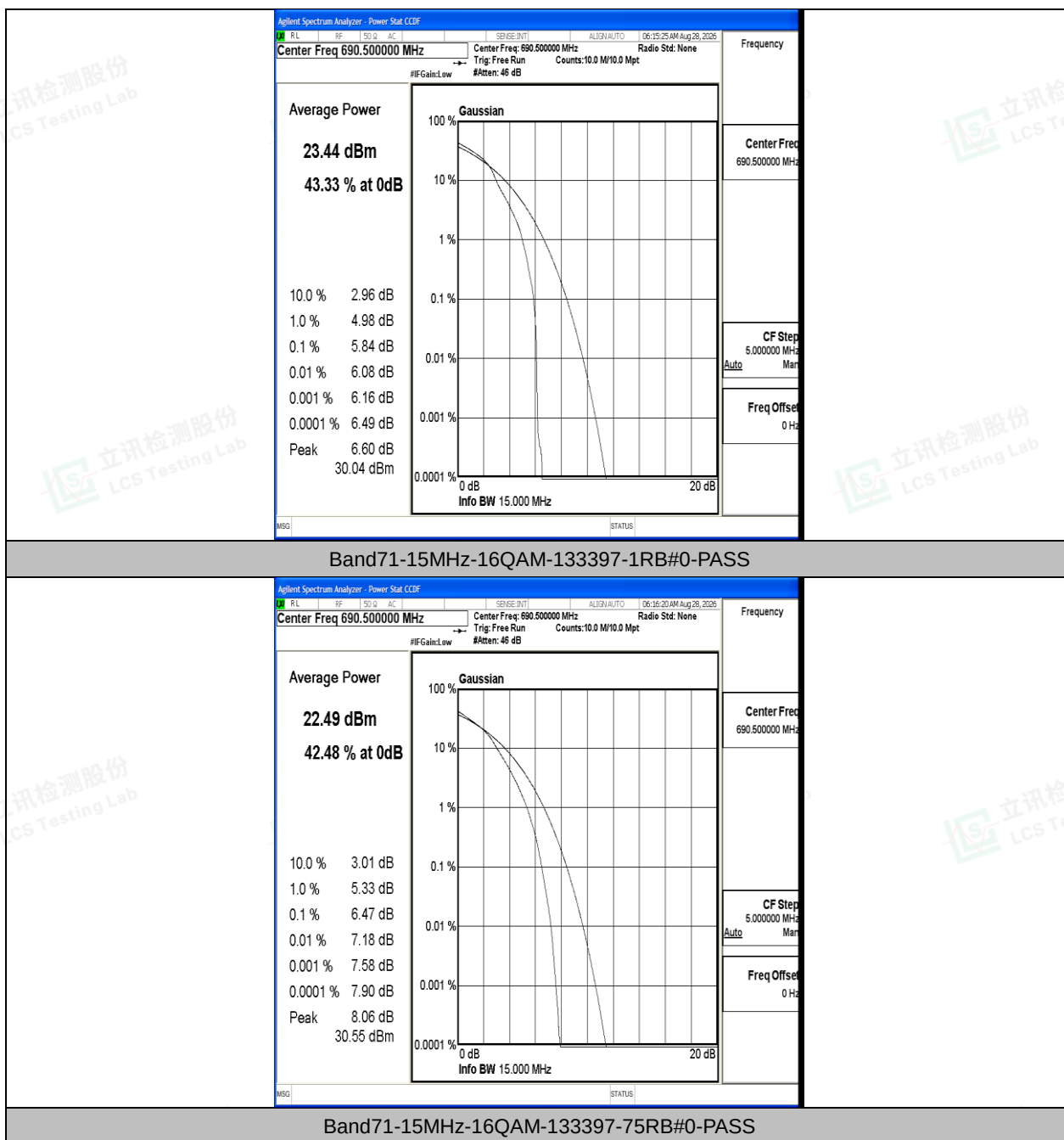


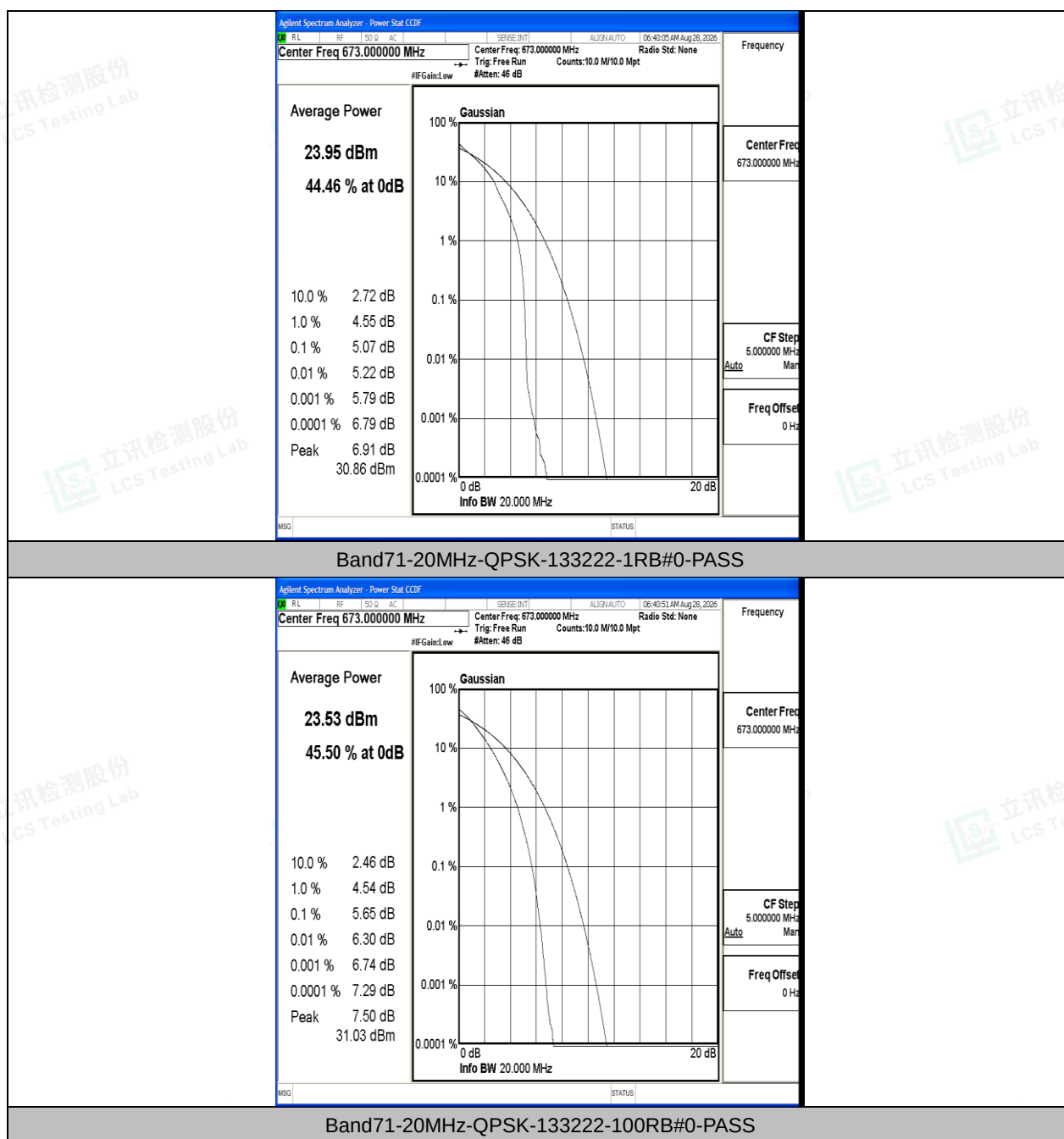


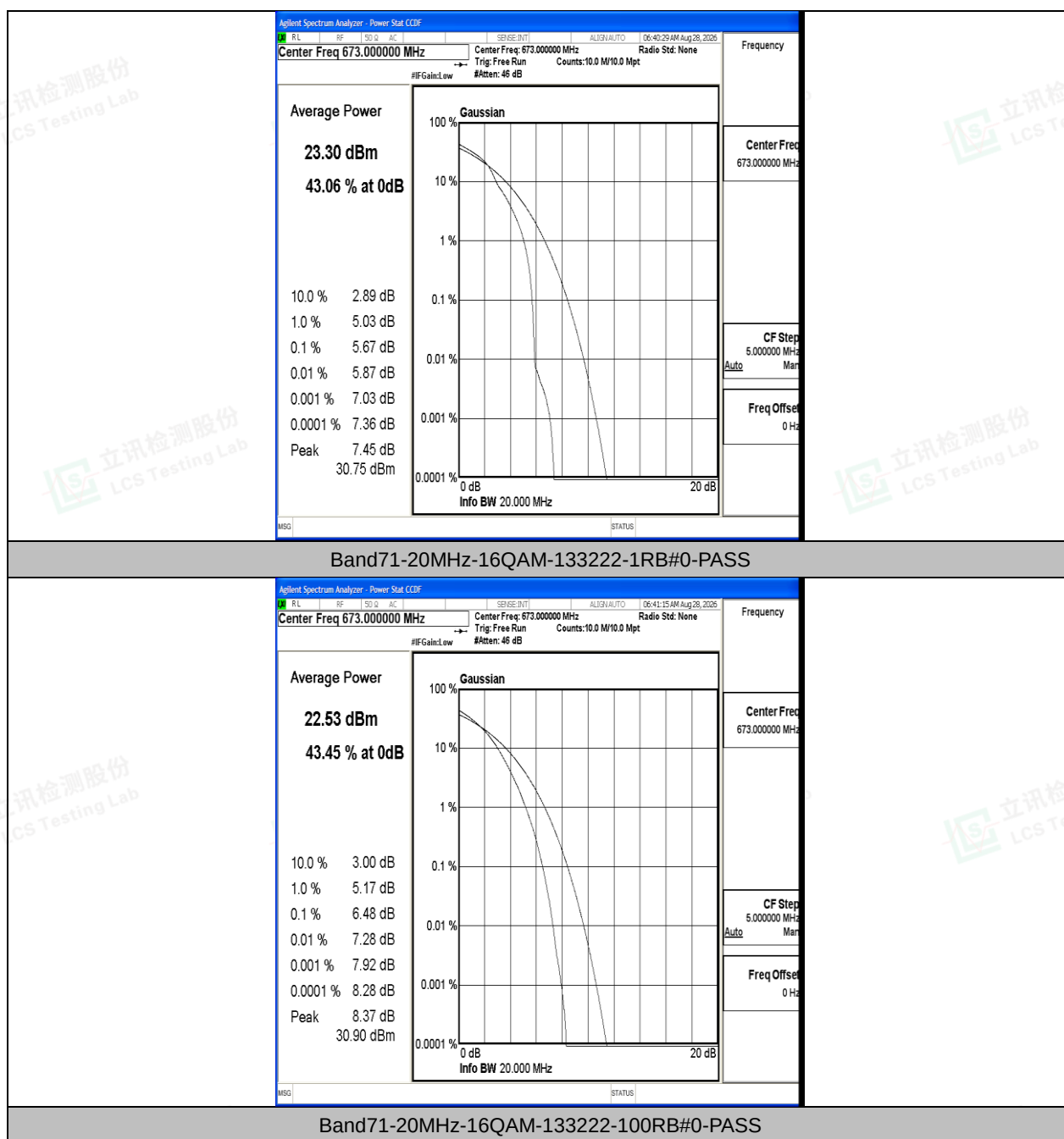


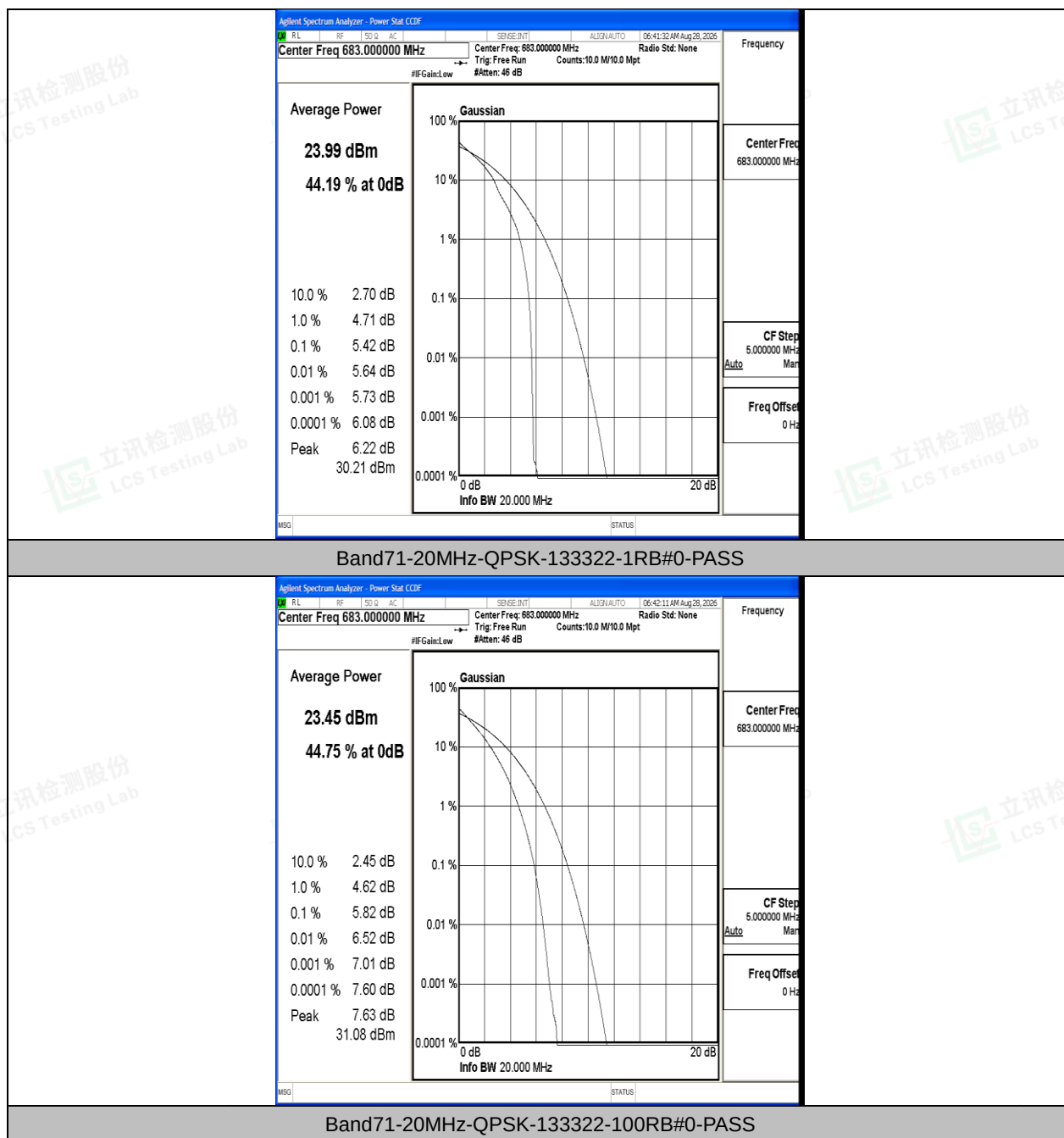


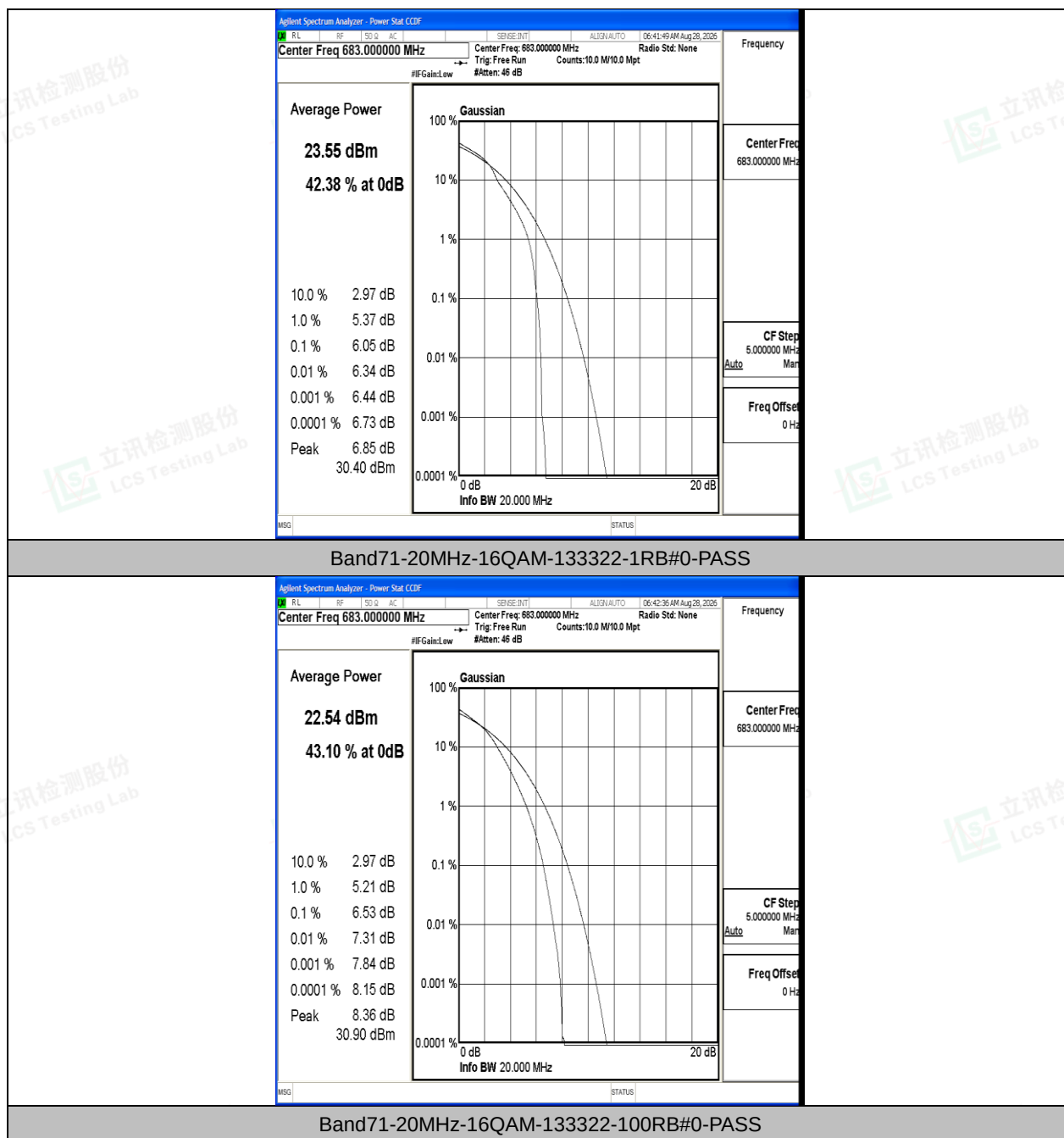


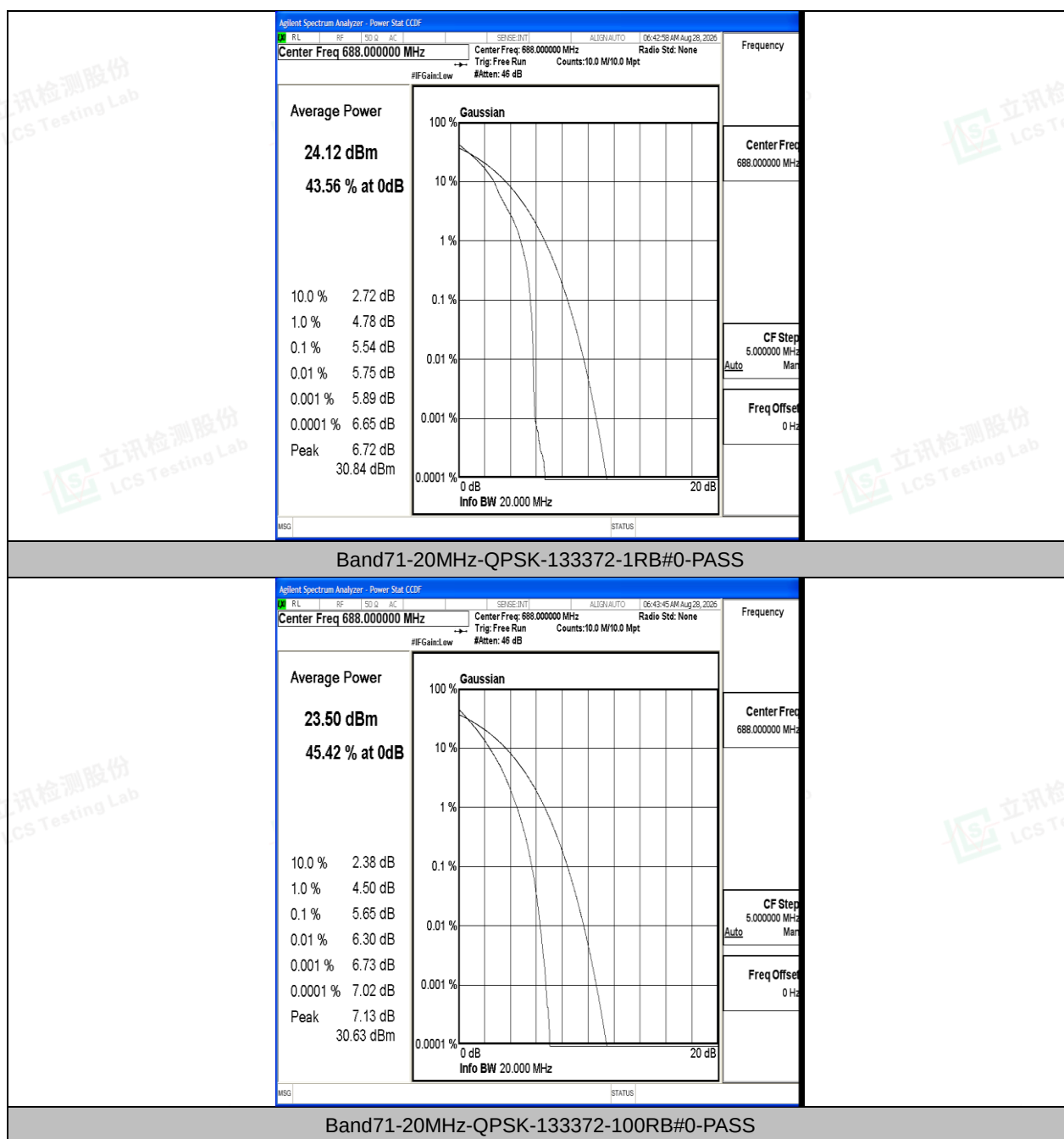


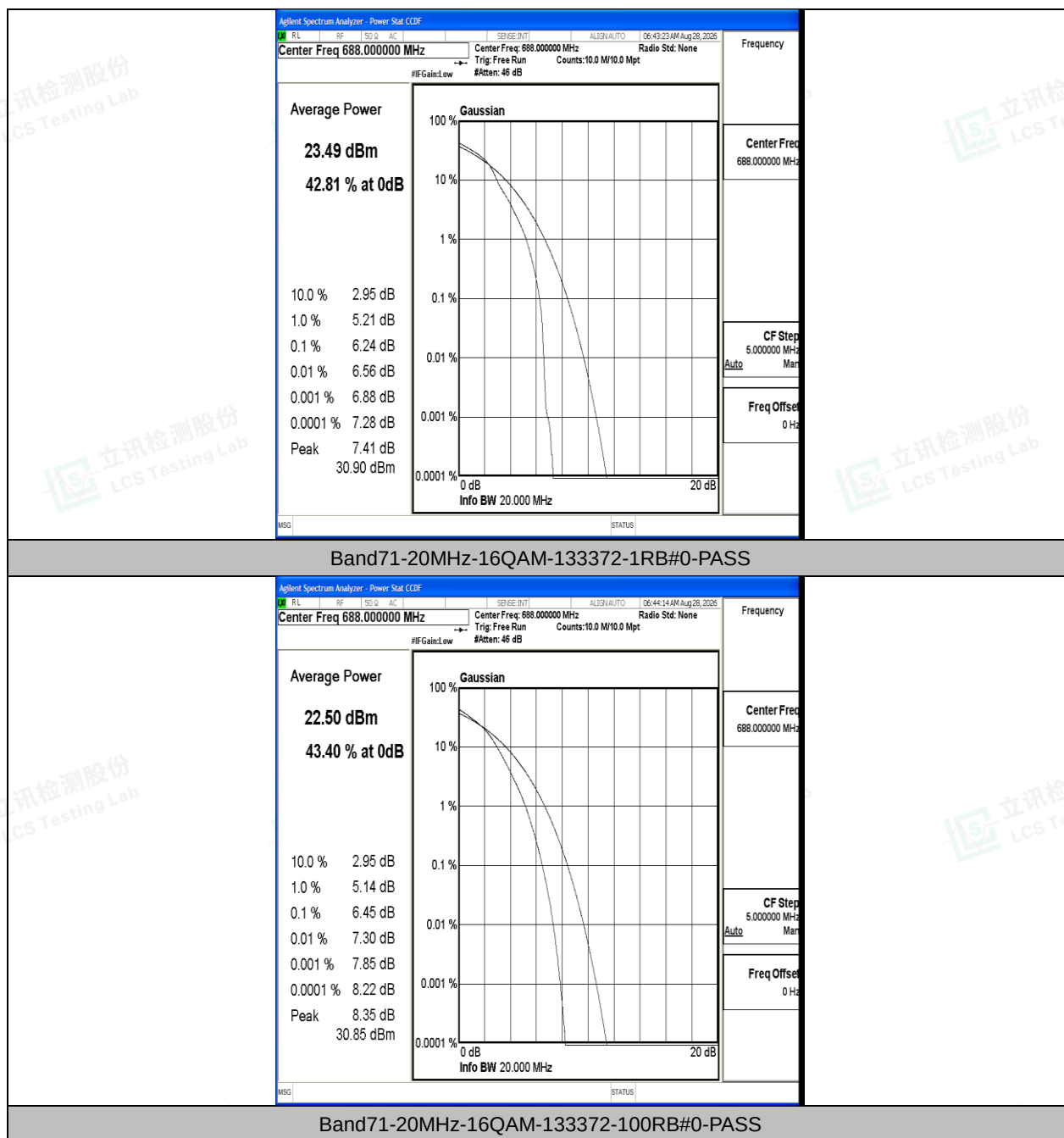














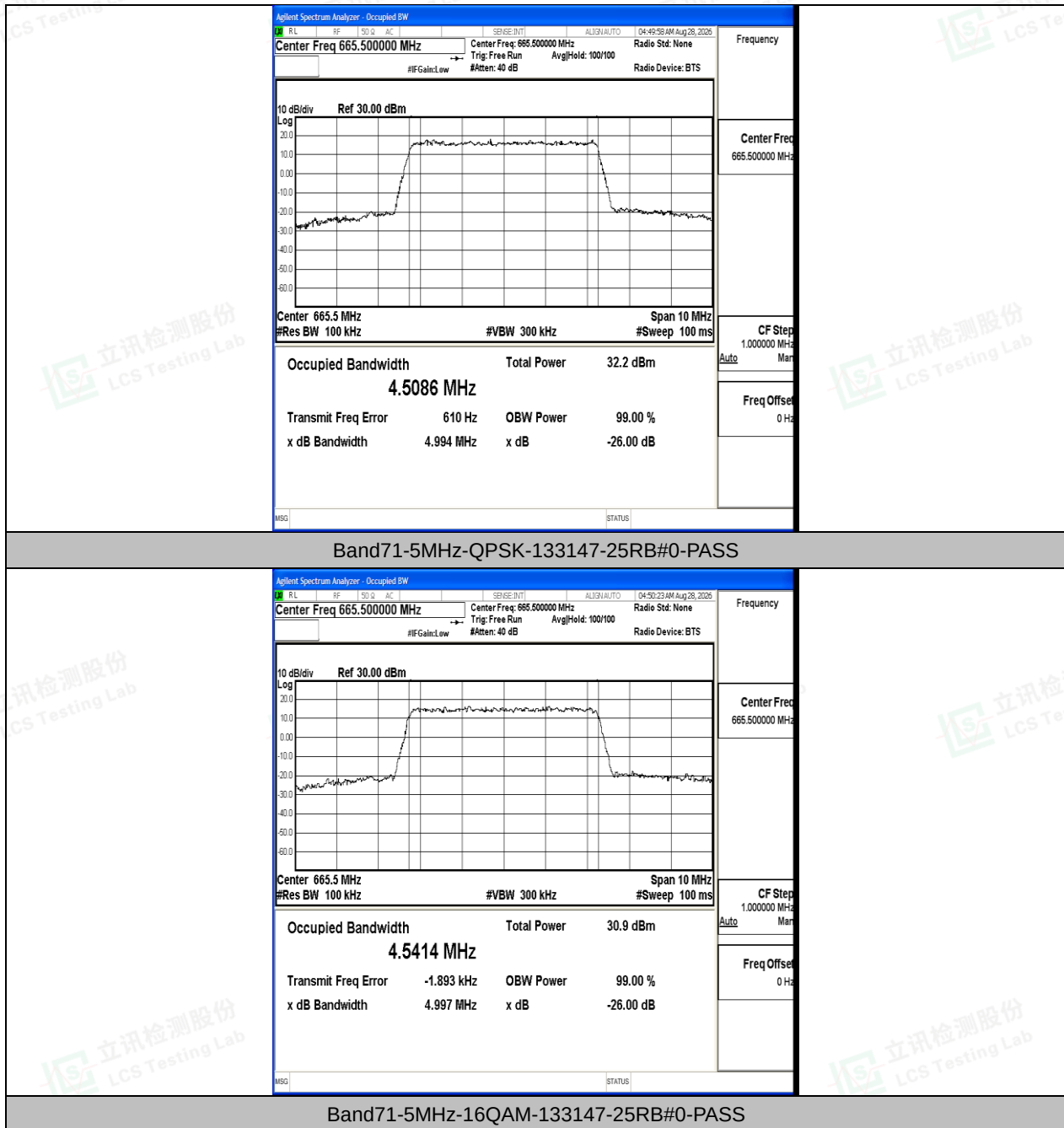
S.3 26dB Bandwidth and Occupied Bandwidth

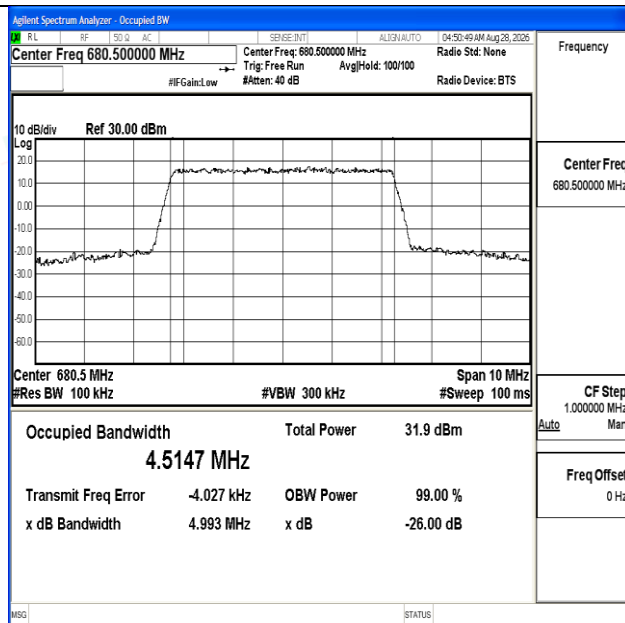
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.5086	4.994	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.5414	4.997	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.5147	4.993	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.5308	5.015	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.5121	4.961	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.5138	4.962	PASS
Band71	10MHz	QPSK	133172	50RB#0	9.0301	9.915	PASS
Band71	10MHz	16QAM	133172	50RB#0	9.0038	9.912	PASS
Band71	10MHz	QPSK	133297	50RB#0	9.0051	9.936	PASS
Band71	10MHz	16QAM	133297	50RB#0	9.0285	9.907	PASS
Band71	10MHz	QPSK	133422	50RB#0	9.0183	9.912	PASS
Band71	10MHz	16QAM	133422	50RB#0	9.0014	9.891	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.438	14.94	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.432	14.65	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.492	14.94	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.573	15.05	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.492	14.92	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.482	14.85	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.977	19.70	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.984	19.57	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.998	19.61	PASS
Band71	20MHz	16QAM	133322	100RB#0	17.994	19.73	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.948	19.56	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.956	19.58	PASS

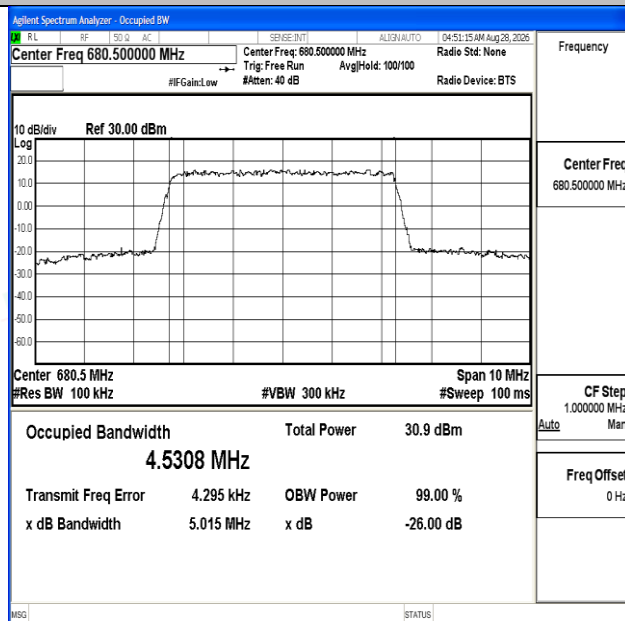


Test Graphs

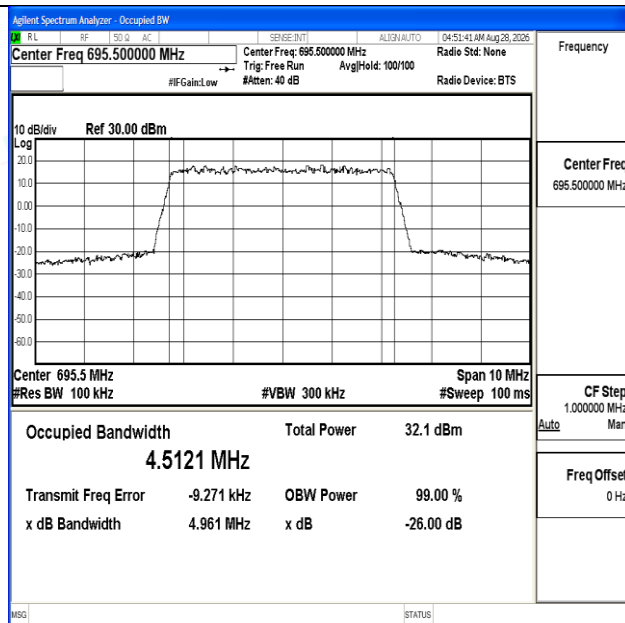




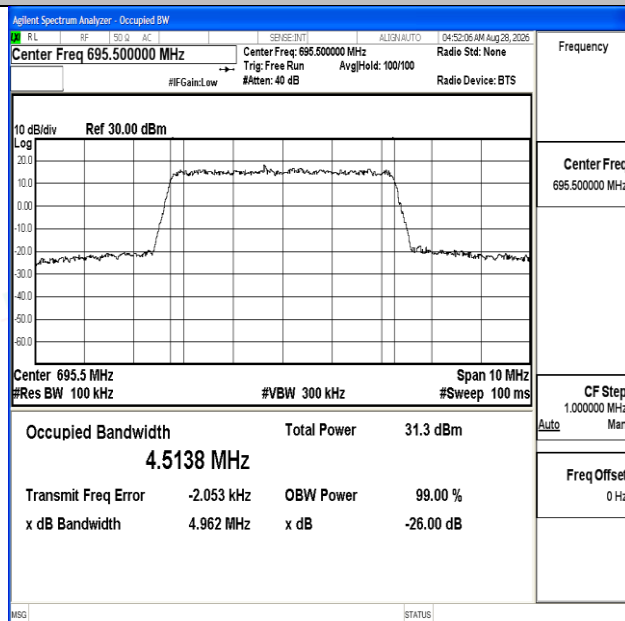
Band71-5MHz-QPSK-133297-25RB#0-PASS



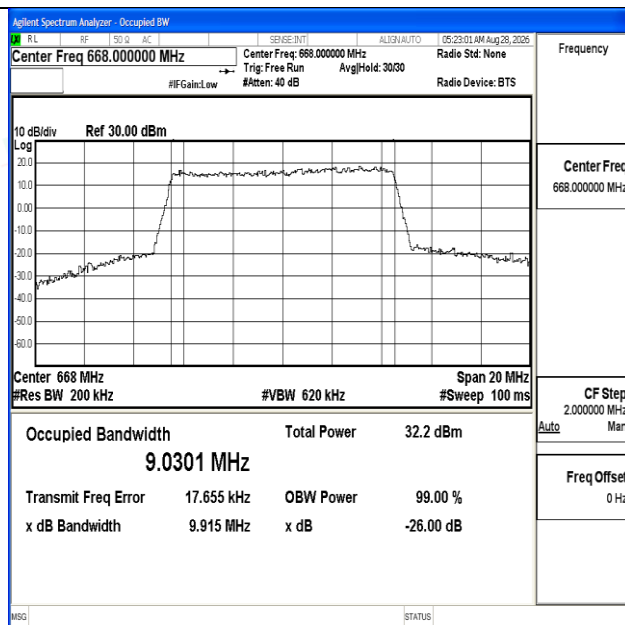
Band71-5MHz-16QAM-133297-25RB#0-PASS



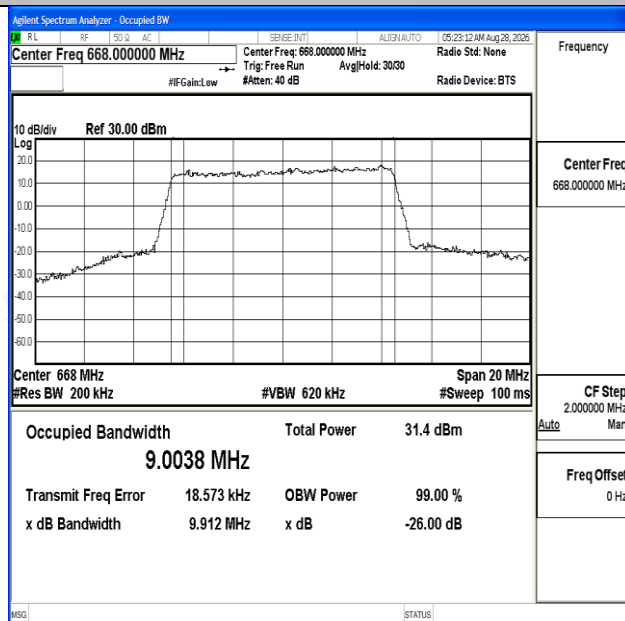
Band71-5MHz-QPSK-133447-25RB#0-PASS



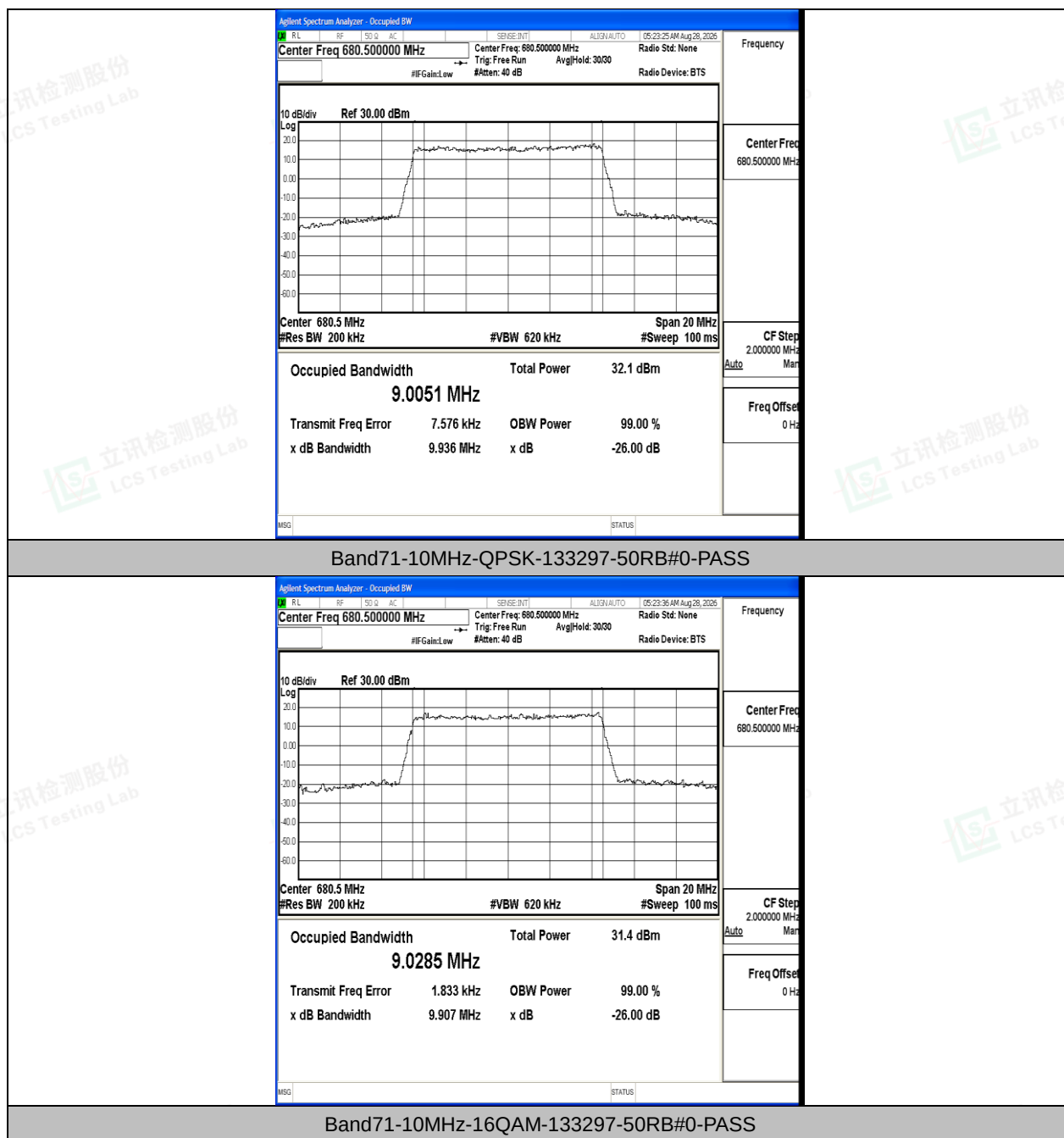
Band71-5MHz-16QAM-133447-25RB#0-PASS

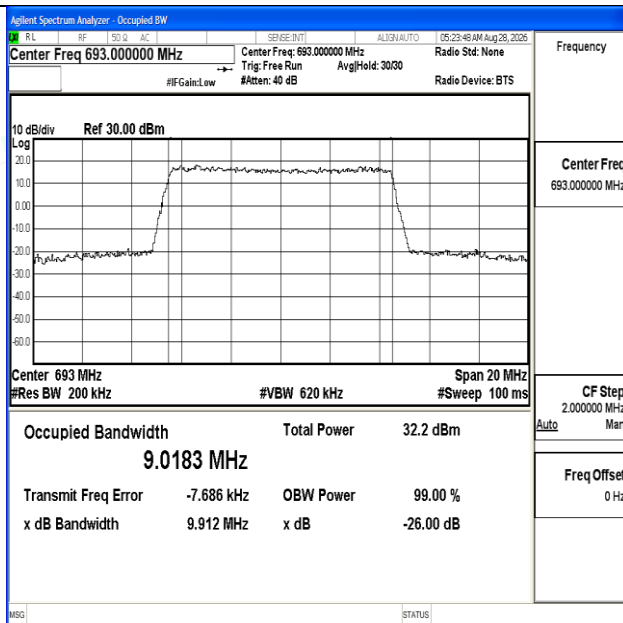


Band71-10MHz-QPSK-133172-50RB#0-PASS

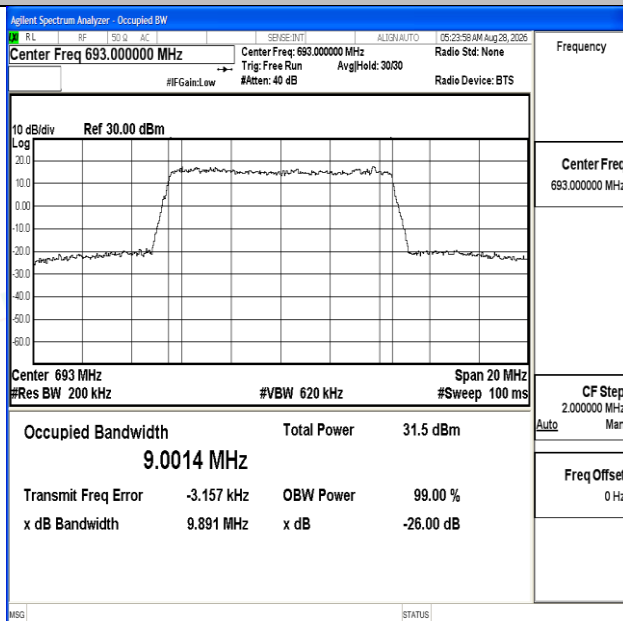


Band71-10MHz-16QAM-133172-50RB#0-PASS

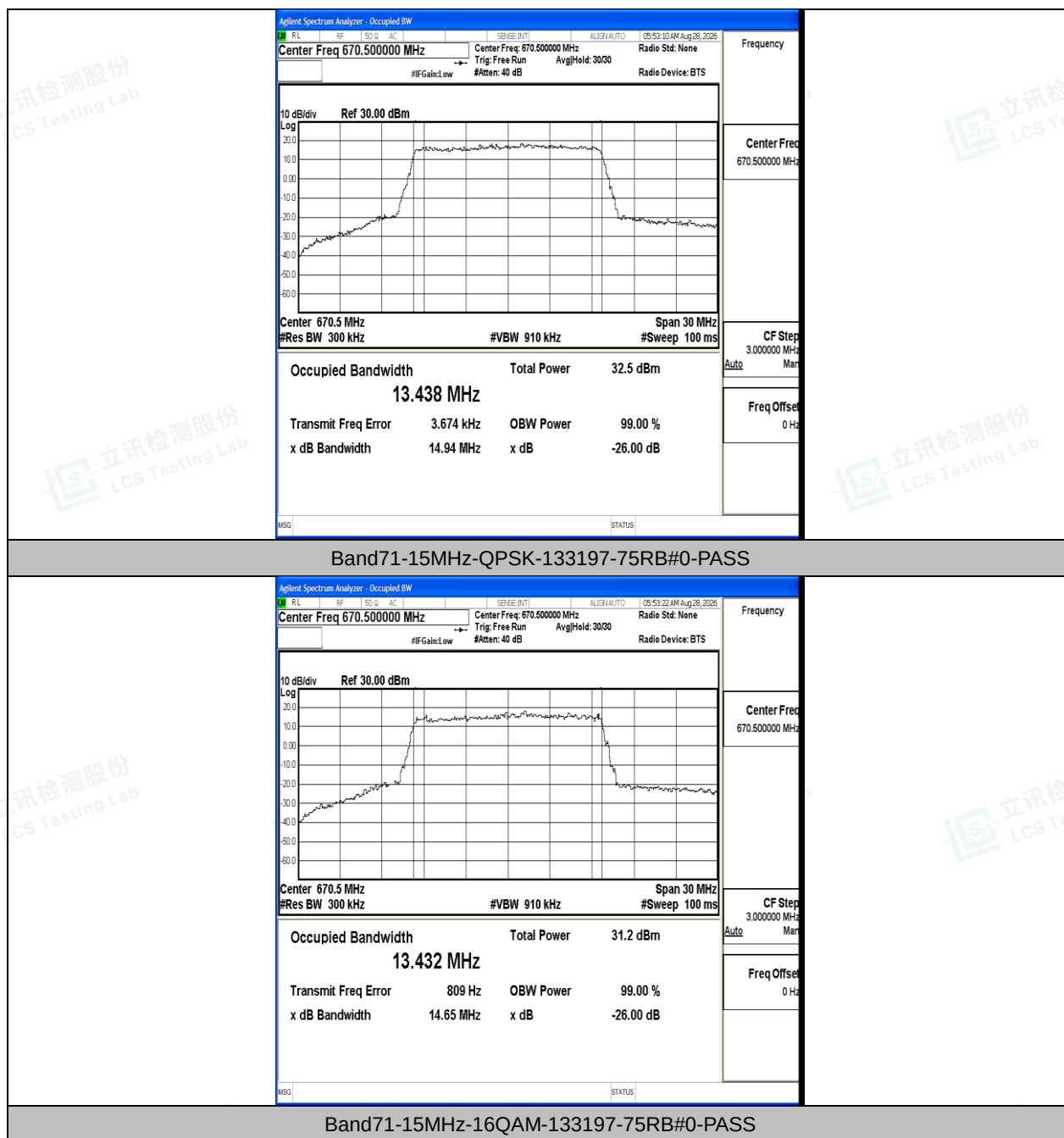


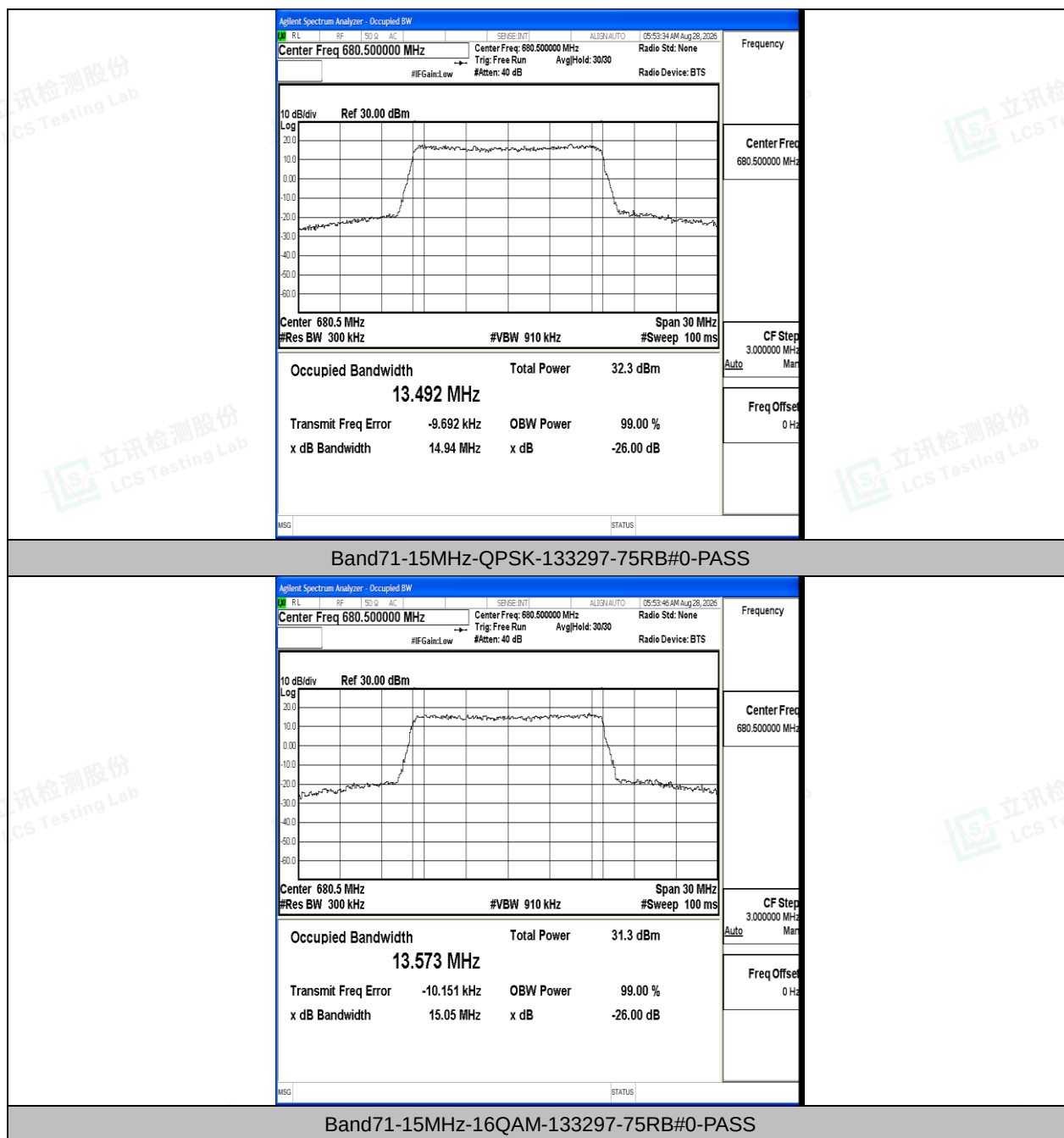


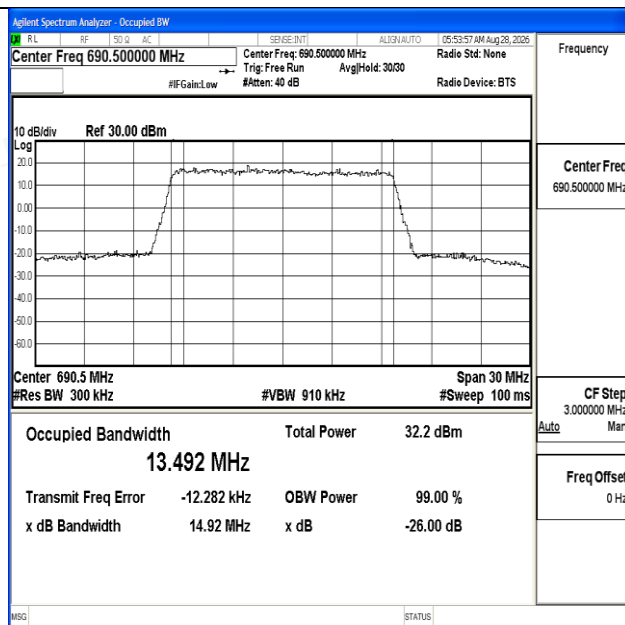
Band71-10MHz-QPSK-133422-50RB#0-PASS



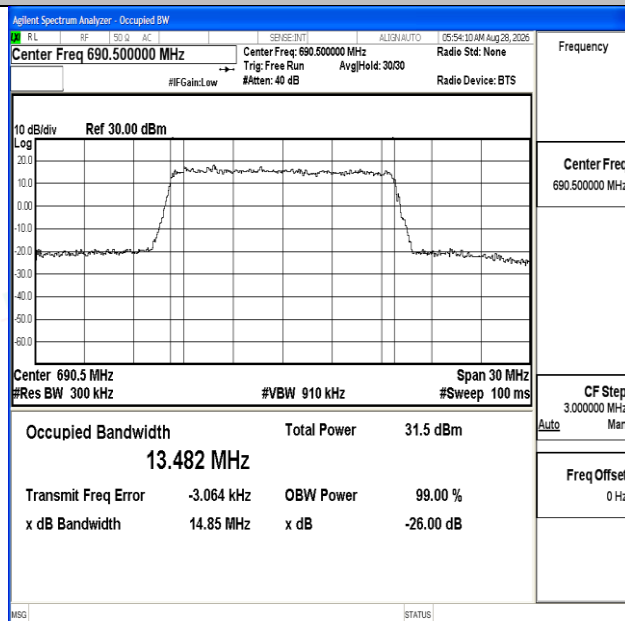
Band71-10MHz-16QAM-133422-50RB#0-PASS



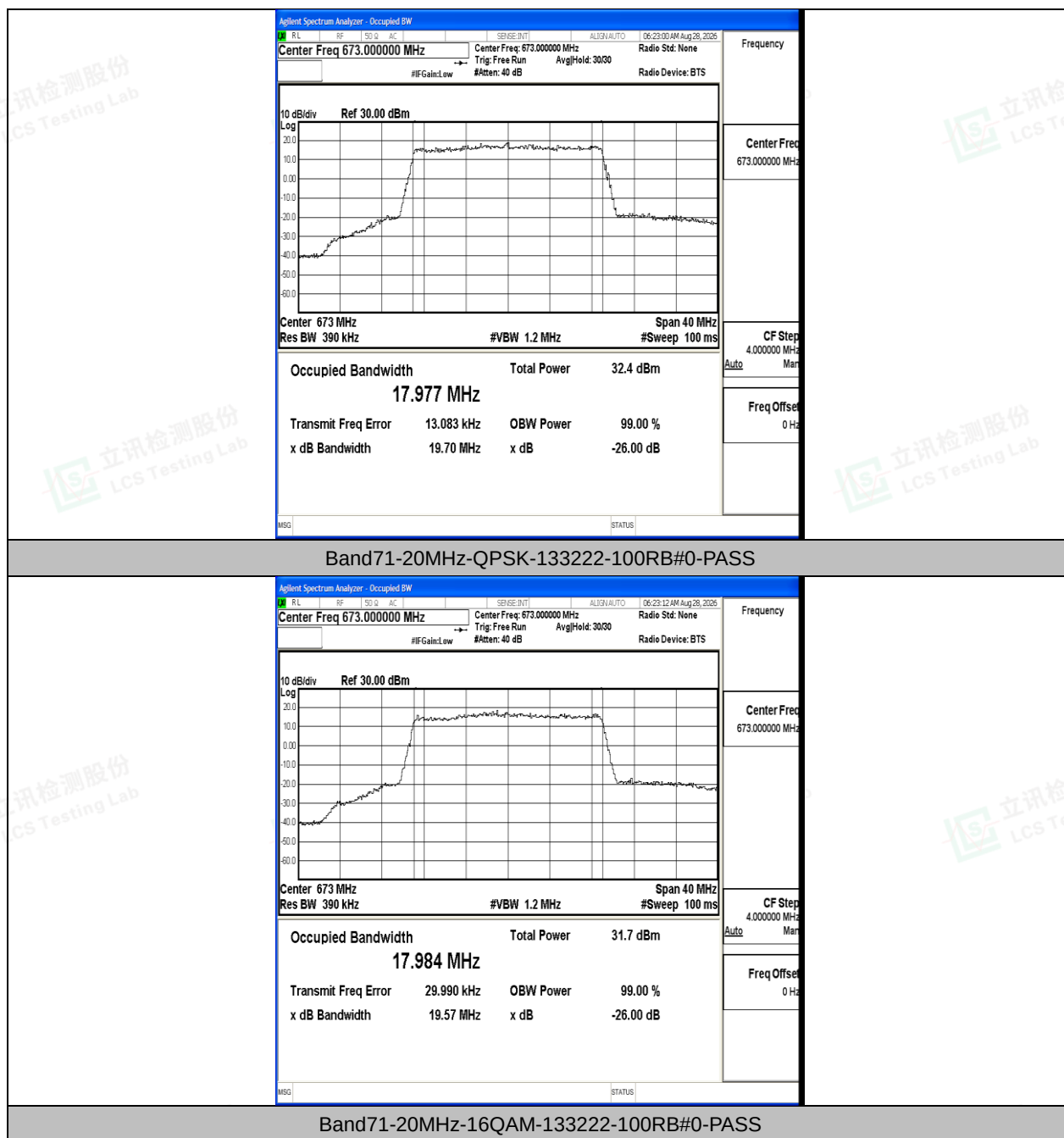


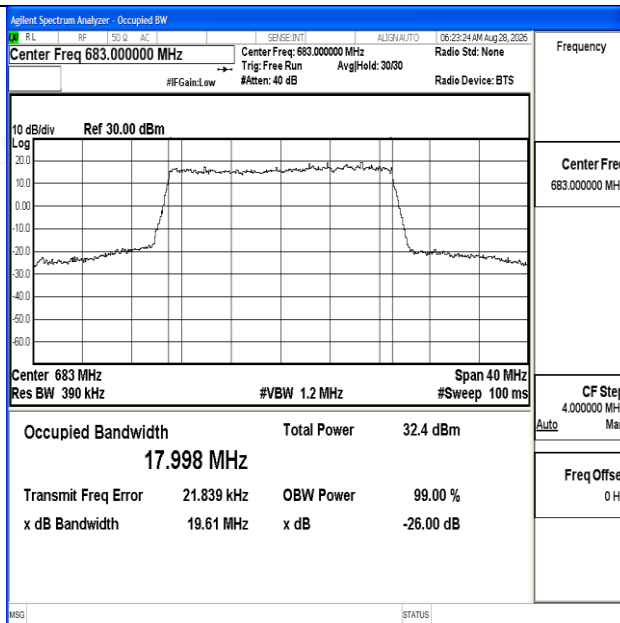


Band71-15MHz-QPSK-133397-75RB#0-PASS

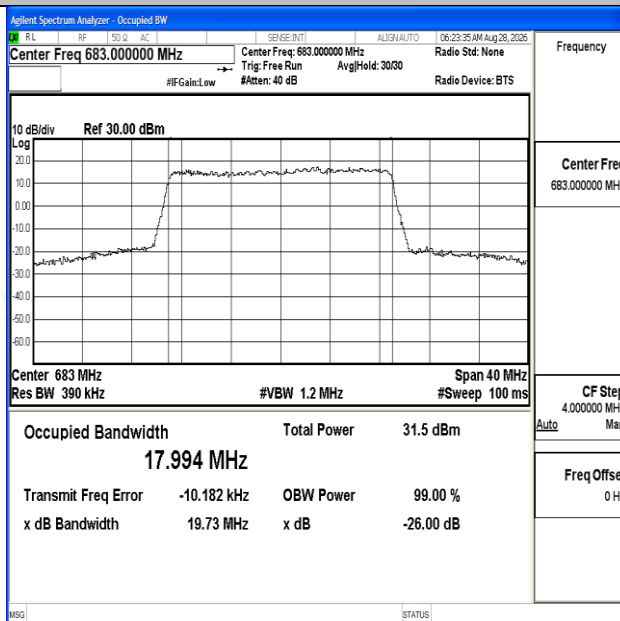


Band71-15MHz-16QAM-133397-75RB#0-PASS

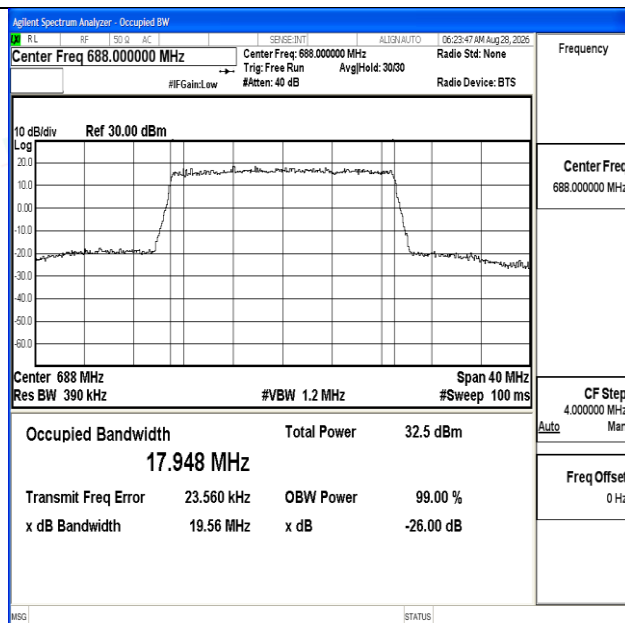




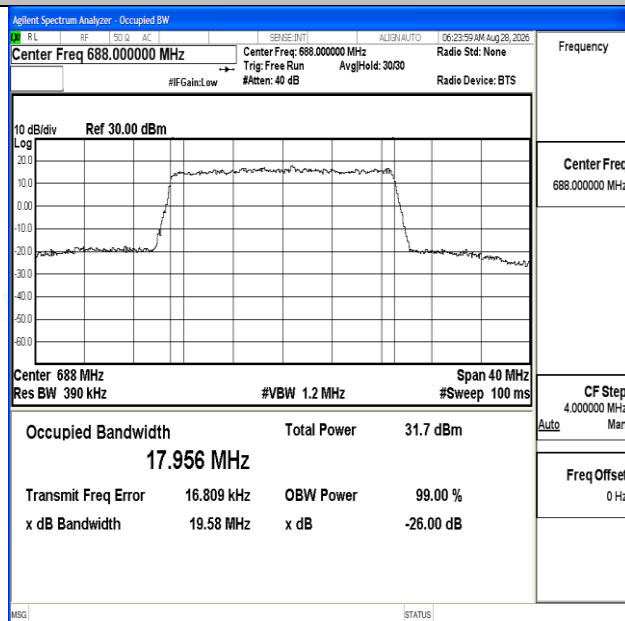
Band71-20MHz-QPSK-133322-100RB#0-PASS



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



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



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

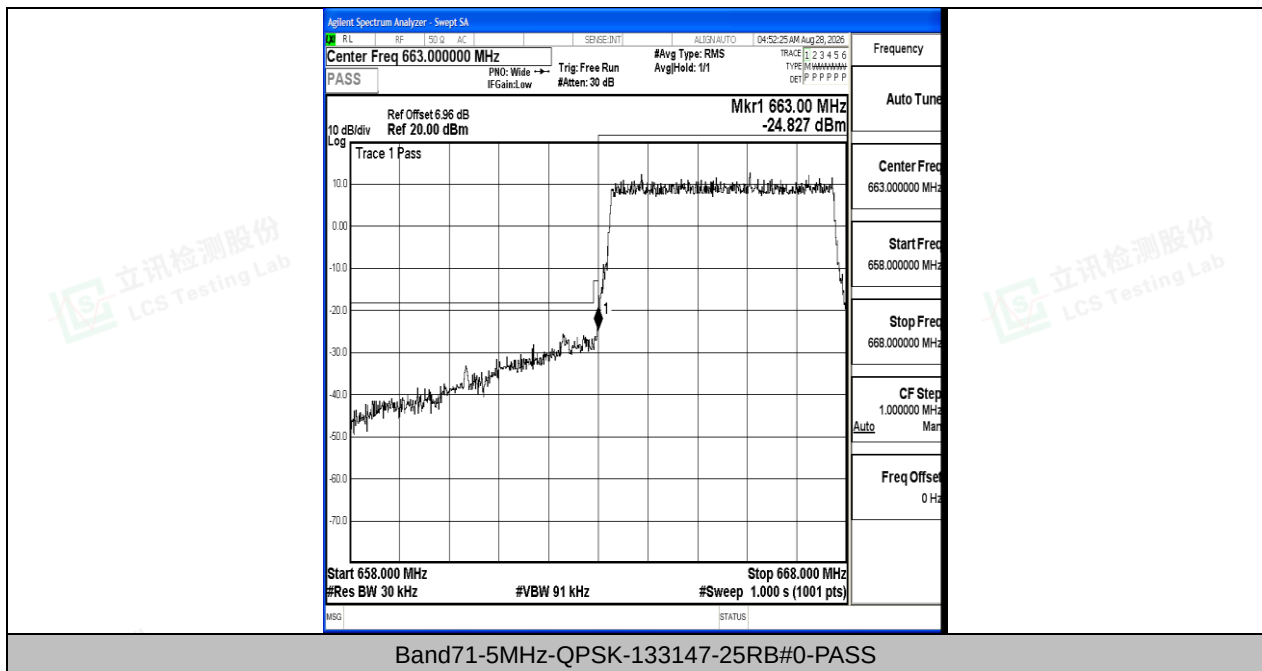


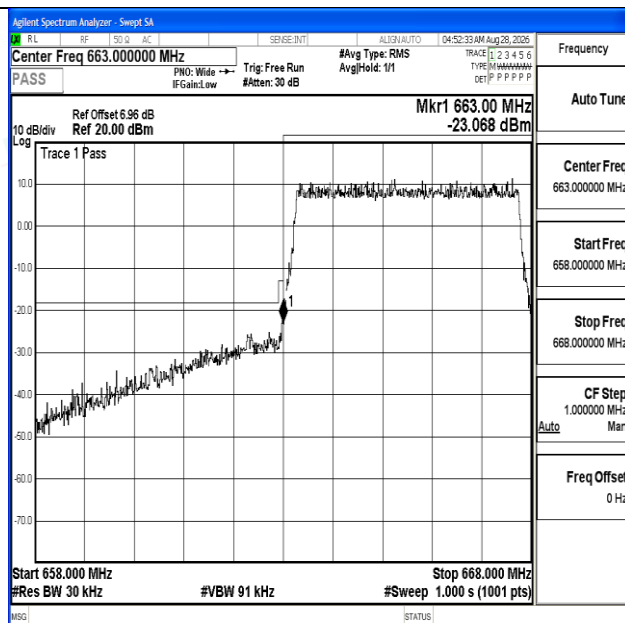
S.4 Band Edge

Test Result

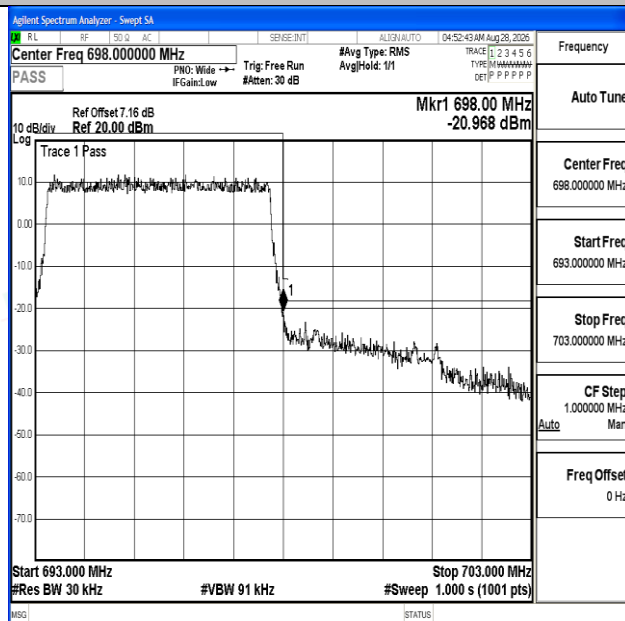
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	663.00	-26.00	PASS
Band71	5MHz	16QAM	133147	25RB#0	663.00	-25.00	PASS
Band71	5MHz	QPSK	133447	25RB#0	698.00	-23.00	PASS
Band71	5MHz	16QAM	133447	25RB#0	698.00	-25.00	PASS
Band71	10MHz	QPSK	133172	50RB#0	662.00	-28.00	PASS
Band71	10MHz	16QAM	133172	50RB#0	663.00	-29.00	PASS
Band71	10MHz	QPSK	133422	50RB#0	698.00	-27.00	PASS
Band71	10MHz	16QAM	133422	50RB#0	698.00	-28.00	PASS
Band71	15MHz	QPSK	133197	75RB#0	663.00	-29.00	PASS
Band71	15MHz	16QAM	133197	75RB#0	662.00	-30.00	PASS
Band71	15MHz	QPSK	133397	75RB#0	701.00	-27.00	PASS
Band71	15MHz	16QAM	133397	75RB#0	701.00	-28.00	PASS
Band71	20MHz	QPSK	133222	100RB#0	663.00	-30.00	PASS
Band71	20MHz	16QAM	133222	100RB#0	663.00	-31.00	PASS
Band71	20MHz	QPSK	133372	100RB#0	698.00	-31.00	PASS
Band71	20MHz	16QAM	133372	100RB#0	699.00	-31.00	PASS

Test Graphs

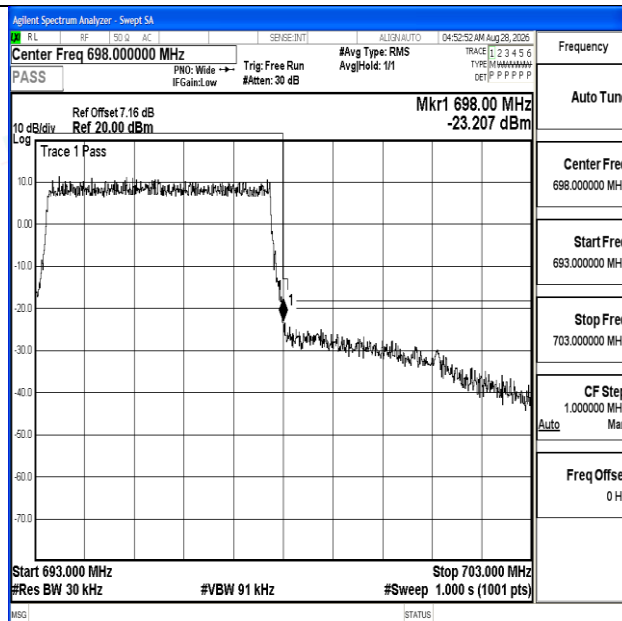




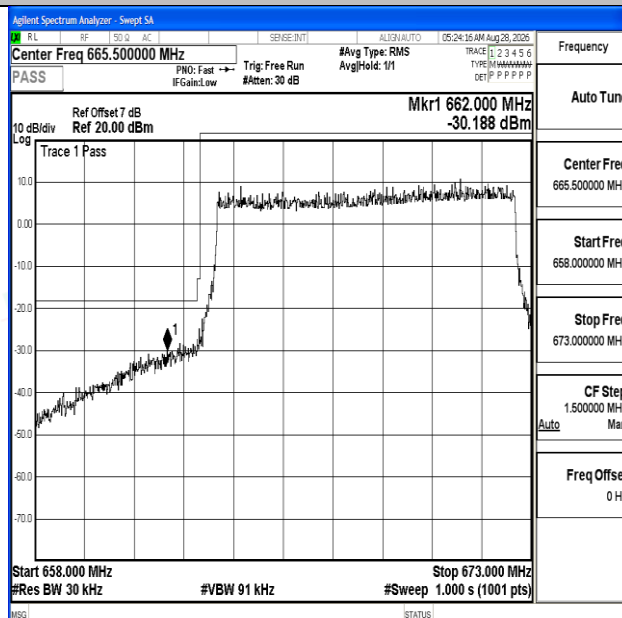
Band71-5MHz-16QAM-133147-25RB#0-PASS



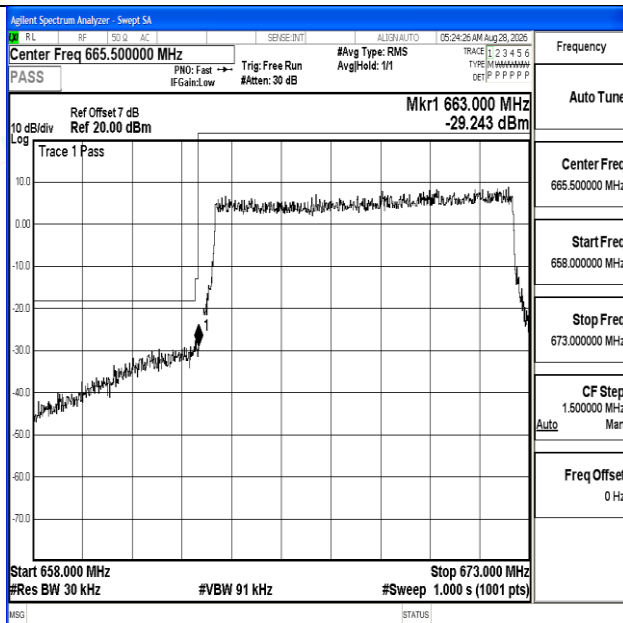
Band71-5MHz-QPSK-133447-25RB#0-PASS



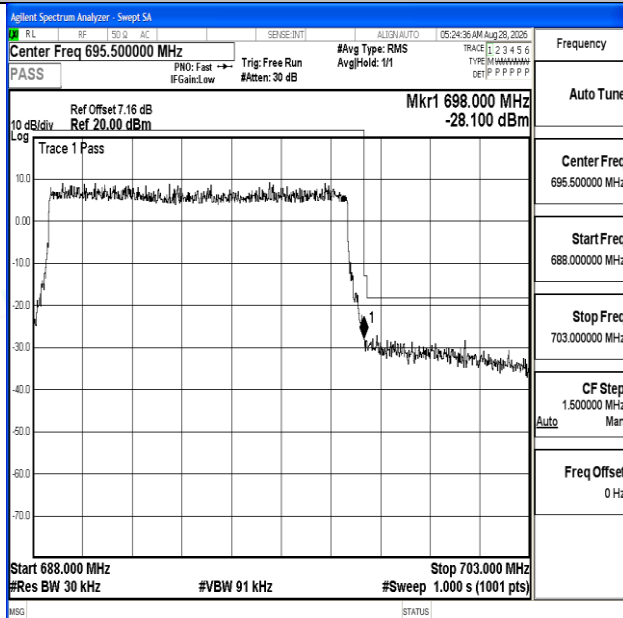
Band71-5MHz-16QAM-133447-25RB#0-PASS



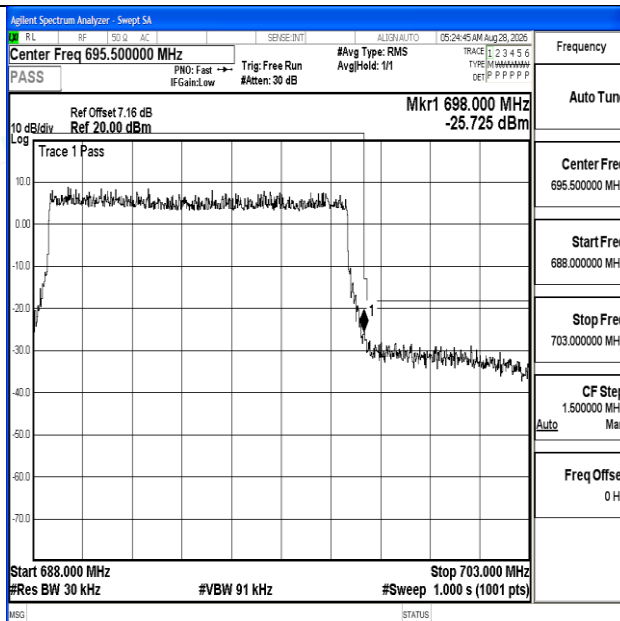
Band71-10MHz-QPSK-133172-50RB#0-PASS



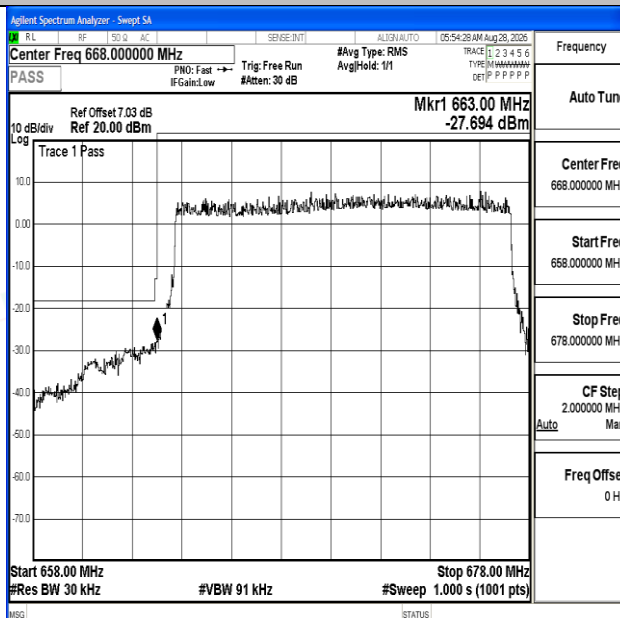
Band71-10MHz-16QAM-133172-50RB#0-PASS



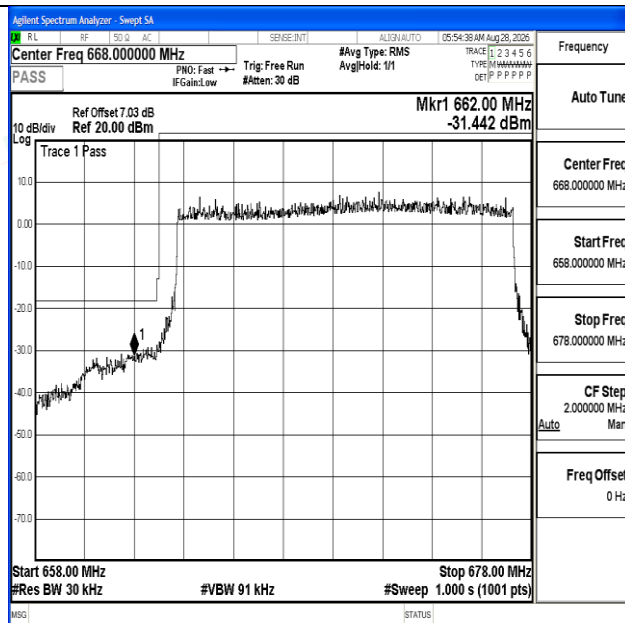
Band71-10MHz-QPSK-133422-50RB#0-PASS



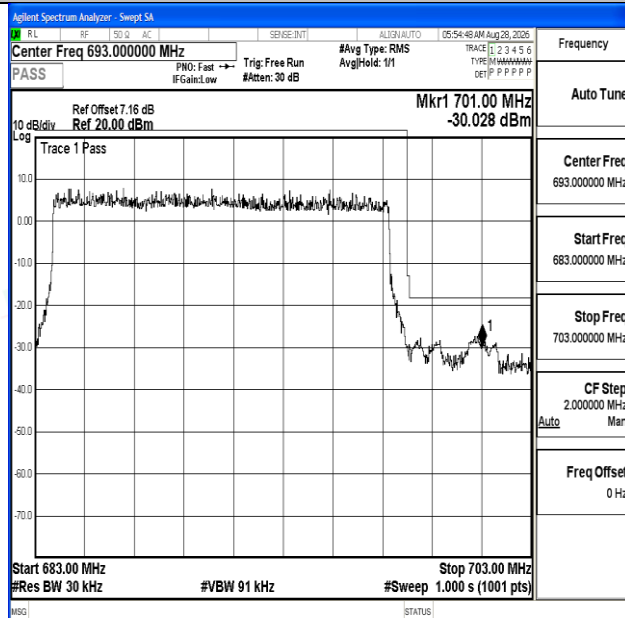
Band71-10MHz-16QAM-133422-50RB#0-PASS



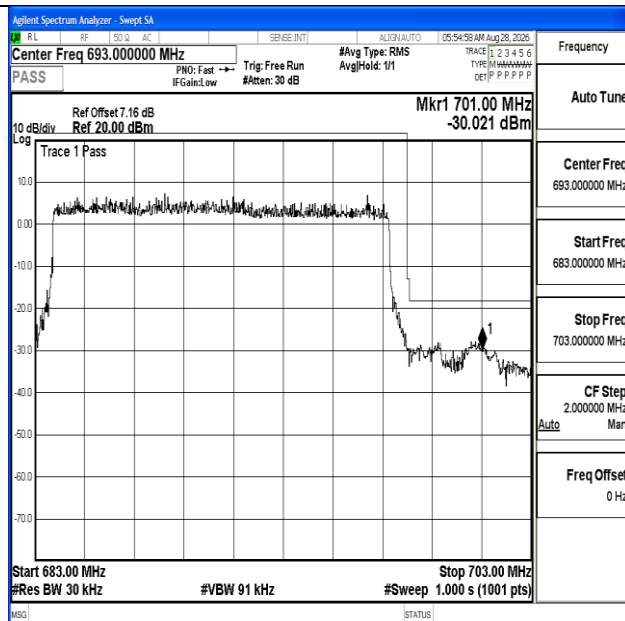
Band71-15MHz-QPSK-133197-75RB#0-PASS



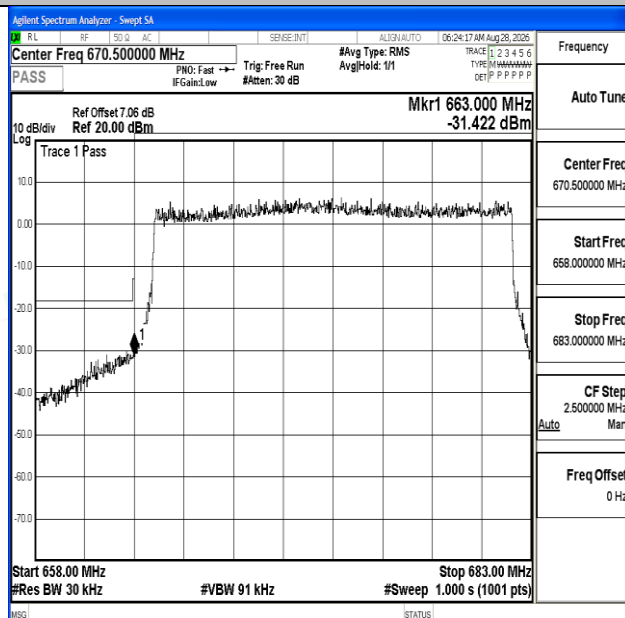
Band71-15MHz-16QAM-133197-75RB#0-PASS



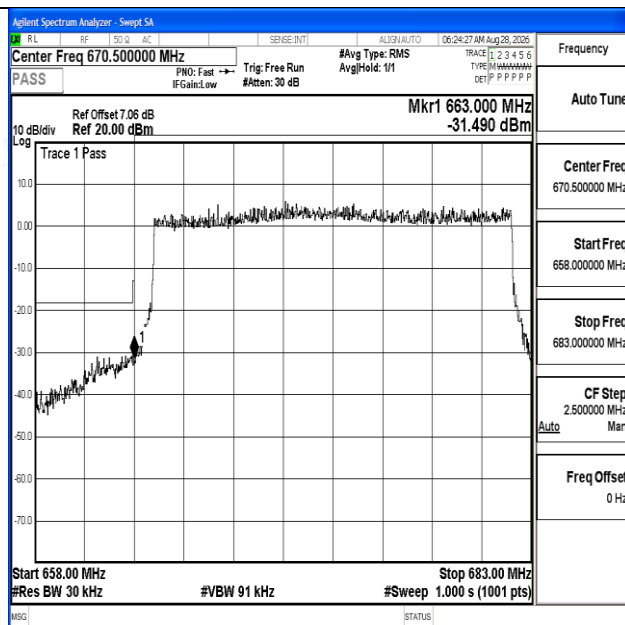
Band71-15MHz-QPSK-133397-75RB#0-PASS



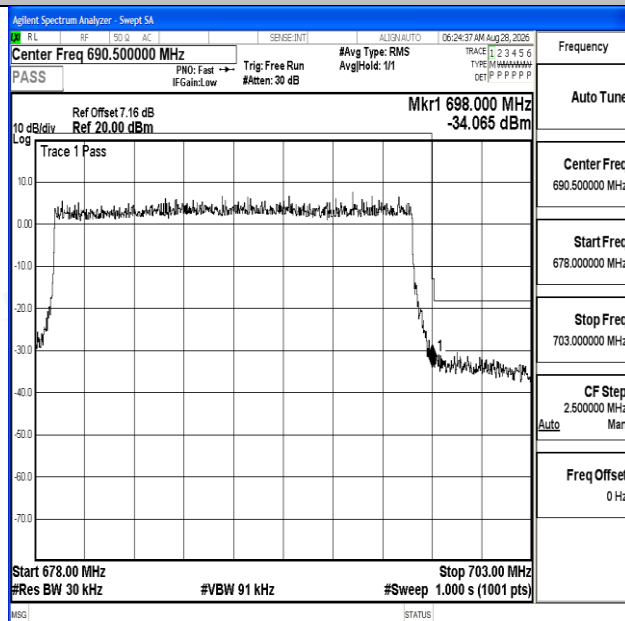
Band71-15MHz-16QAM-133397-75RB#0-PASS



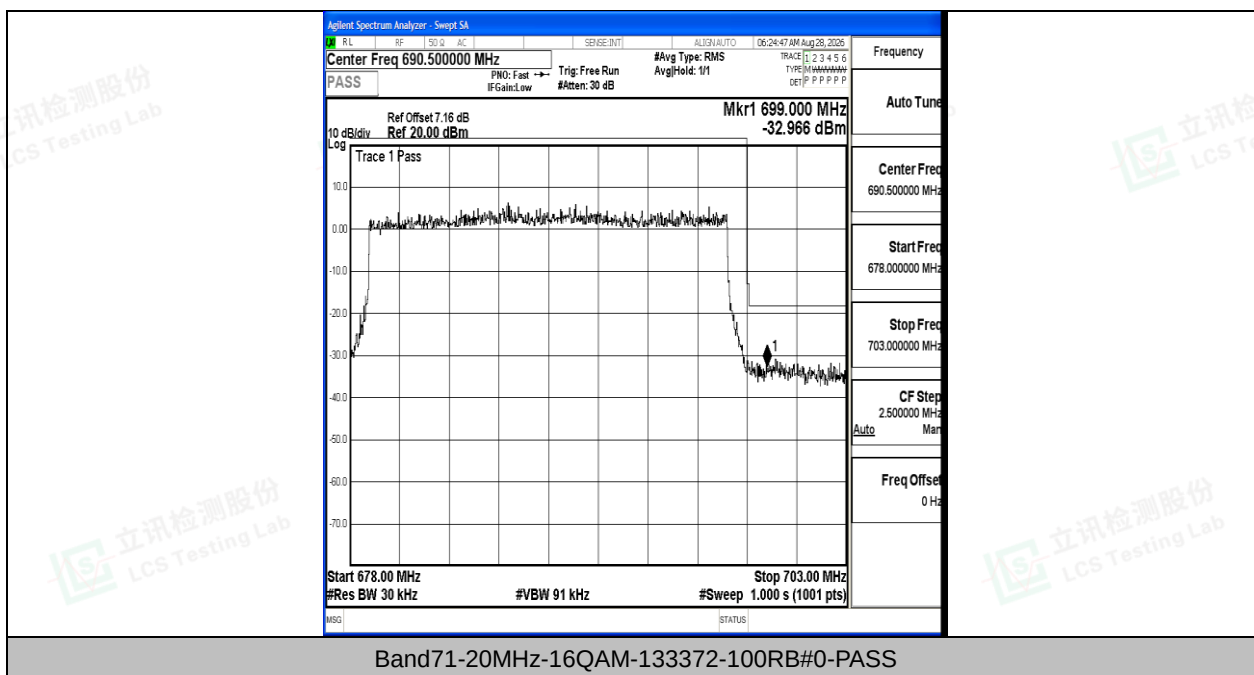
Band71-20MHz-QPSK-133222-100RB#0-PASS



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



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





S.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Limit (dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	0.009~0.15	-50.16	-33.0	PASS
Band71	5MHz	QPSK	133147	1RB#0	0.15~30	-54.29	-23.0	PASS
Band71	5MHz	QPSK	133147	1RB#0	30~1000	-55.11	-13.0	PASS
Band71	5MHz	QPSK	133147	1RB#0	1000~3000	-47.71	-13.0	PASS
Band71	5MHz	QPSK	133147	1RB#0	3000~10000	-43.59	-13.0	PASS
Band71	5MHz	16QAM	133147	1RB#0	0.009~0.15	-49.20	-33.0	PASS
Band71	5MHz	16QAM	133147	1RB#0	0.15~30	-54.47	-23.0	PASS
Band71	5MHz	16QAM	133147	1RB#0	30~1000	-55.56	-13.0	PASS
Band71	5MHz	16QAM	133147	1RB#0	1000~3000	-47.95	-13.0	PASS
Band71	5MHz	16QAM	133147	1RB#0	3000~10000	-43.95	-13.0	PASS
Band71	5MHz	QPSK	133297	1RB#0	0.009~0.15	-50.99	-33.0	PASS
Band71	5MHz	QPSK	133297	1RB#0	0.15~30	-54.52	-23.0	PASS
Band71	5MHz	QPSK	133297	1RB#0	30~1000	-58.76	-13.0	PASS
Band71	5MHz	QPSK	133297	1RB#0	1000~3000	-48.12	-13.0	PASS
Band71	5MHz	QPSK	133297	1RB#0	3000~10000	-43.97	-13.0	PASS
Band71	5MHz	16QAM	133297	1RB#0	0.009~0.15	-50.47	-33.0	PASS
Band71	5MHz	16QAM	133297	1RB#0	0.15~30	-53.25	-23.0	PASS
Band71	5MHz	16QAM	133297	1RB#0	30~1000	-59.22	-13.0	PASS
Band71	5MHz	16QAM	133297	1RB#0	1000~3000	-47.66	-13.0	PASS
Band71	5MHz	16QAM	133297	1RB#0	3000~10000	-43.52	-13.0	PASS
Band71	5MHz	QPSK	133447	1RB#0	0.009~0.15	-49.62	-33.0	PASS
Band71	5MHz	QPSK	133447	1RB#0	0.15~30	-55.83	-23.0	PASS
Band71	5MHz	QPSK	133447	1RB#0	30~1000	-59.27	-13.0	PASS
Band71	5MHz	QPSK	133447	1RB#0	1000~3000	-48.68	-13.0	PASS
Band71	5MHz	QPSK	133447	1RB#0	3000~10000	-44.00	-13.0	PASS
Band71	5MHz	16QAM	133447	1RB#0	0.009~0.15	-50.78	-33.0	PASS
Band71	5MHz	16QAM	133447	1RB#0	0.15~30	-54.14	-23.0	PASS
Band71	5MHz	16QAM	133447	1RB#0	30~1000	-59.21	-13.0	PASS
Band71	5MHz	16QAM	133447	1RB#0	1000~3000	-48.70	-13.0	PASS
Band71	5MHz	16QAM	133447	1RB#0	3000~10000	-43.60	-13.0	PASS
Band71	10MHz	QPSK	133172	1RB#0	0.009~0.15	-50.21	-33.0	PASS
Band71	10MHz	QPSK	133172	1RB#0	0.15~30	-55.68	-23.0	PASS
Band71	10MHz	QPSK	133172	1RB#0	30~1000	-55.53	-13.0	PASS
Band71	10MHz	QPSK	133172	1RB#0	1000~3000	-48.44	-13.0	PASS
Band71	10MHz	QPSK	133172	1RB#0	3000~10000	-43.55	-13.0	PASS
Band71	10MHz	16QAM	133172	1RB#0	0.009~0.15	-50.28	-33.0	PASS



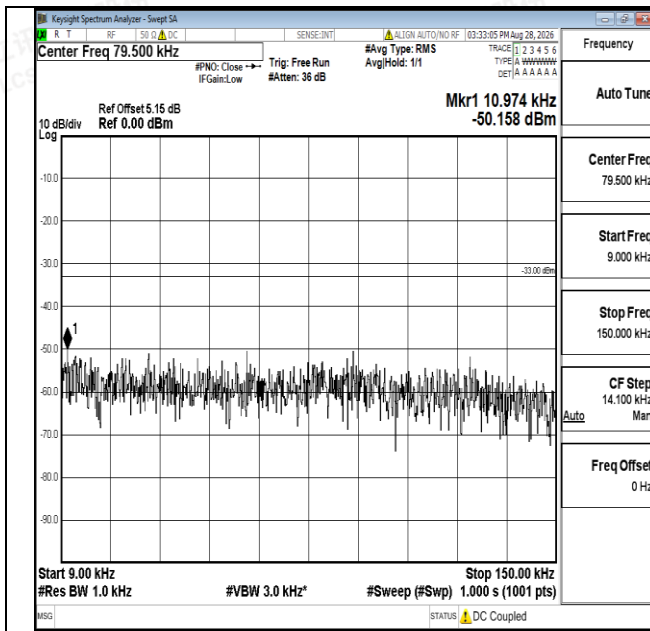
Band71	10MHz	16QAM	133172	1RB#0	0.15~30	-55.33	-23.0	PASS
Band71	10MHz	16QAM	133172	1RB#0	30~1000	-55.61	-13.0	PASS
Band71	10MHz	16QAM	133172	1RB#0	1000~3000	-48.44	-13.0	PASS
Band71	10MHz	16QAM	133172	1RB#0	3000~10000	-43.74	-13.0	PASS
Band71	10MHz	QPSK	133297	1RB#0	0.009~0.15	-50.39	-33.0	PASS
Band71	10MHz	QPSK	133297	1RB#0	0.15~30	-53.64	-23.0	PASS
Band71	10MHz	QPSK	133297	1RB#0	30~1000	-58.41	-13.0	PASS
Band71	10MHz	QPSK	133297	1RB#0	1000~3000	-48.16	-13.0	PASS
Band71	10MHz	QPSK	133297	1RB#0	3000~10000	-43.88	-13.0	PASS
Band71	10MHz	16QAM	133297	1RB#0	0.009~0.15	-49.54	-33.0	PASS
Band71	10MHz	16QAM	133297	1RB#0	0.15~30	-55.02	-23.0	PASS
Band71	10MHz	16QAM	133297	1RB#0	30~1000	-57.63	-13.0	PASS
Band71	10MHz	16QAM	133297	1RB#0	1000~3000	-48.63	-13.0	PASS
Band71	10MHz	16QAM	133297	1RB#0	3000~10000	-43.47	-13.0	PASS
Band71	10MHz	QPSK	133422	1RB#0	0.009~0.15	-49.91	-33.0	PASS
Band71	10MHz	QPSK	133422	1RB#0	0.15~30	-54.62	-23.0	PASS
Band71	10MHz	QPSK	133422	1RB#0	30~1000	-47.82	-13.0	PASS
Band71	10MHz	QPSK	133422	1RB#0	1000~3000	-46.87	-13.0	PASS
Band71	10MHz	QPSK	133422	1RB#0	3000~10000	-43.92	-13.0	PASS
Band71	10MHz	16QAM	133422	1RB#0	0.009~0.15	-51.01	-33.0	PASS
Band71	10MHz	16QAM	133422	1RB#0	0.15~30	-54.69	-23.0	PASS
Band71	10MHz	16QAM	133422	1RB#0	30~1000	-49.49	-13.0	PASS
Band71	10MHz	16QAM	133422	1RB#0	1000~3000	-47.66	-13.0	PASS
Band71	10MHz	16QAM	133422	1RB#0	3000~10000	-43.99	-13.0	PASS
Band71	15MHz	QPSK	133197	1RB#0	0.009~0.15	-50.31	-33.0	PASS
Band71	15MHz	QPSK	133197	1RB#0	0.15~30	-56.26	-23.0	PASS
Band71	15MHz	QPSK	133197	1RB#0	30~1000	-44.81	-13.0	PASS
Band71	15MHz	QPSK	133197	1RB#0	1000~3000	-48.57	-13.0	PASS
Band71	15MHz	QPSK	133197	1RB#0	3000~10000	-43.33	-13.0	PASS
Band71	15MHz	16QAM	133197	1RB#0	0.009~0.15	-51.06	-33.0	PASS
Band71	15MHz	16QAM	133197	1RB#0	0.15~30	-55.27	-23.0	PASS
Band71	15MHz	16QAM	133197	1RB#0	30~1000	-40.26	-13.0	PASS
Band71	15MHz	16QAM	133197	1RB#0	1000~3000	-48.55	-13.0	PASS
Band71	15MHz	16QAM	133197	1RB#0	3000~10000	-43.98	-13.0	PASS
Band71	15MHz	QPSK	133297	1RB#0	0.009~0.15	-51.15	-33.0	PASS
Band71	15MHz	QPSK	133297	1RB#0	0.15~30	-52.17	-23.0	PASS
Band71	15MHz	QPSK	133297	1RB#0	30~1000	-59.36	-13.0	PASS
Band71	15MHz	QPSK	133297	1RB#0	1000~3000	-48.38	-13.0	PASS
Band71	15MHz	QPSK	133297	1RB#0	3000~10000	-44.08	-13.0	PASS
Band71	15MHz	16QAM	133297	1RB#0	0.009~0.15	-49.76	-33.0	PASS
Band71	15MHz	16QAM	133297	1RB#0	0.15~30	-50.70	-23.0	PASS
Band71	15MHz	16QAM	133297	1RB#0	30~1000	-58.96	-13.0	PASS
Band71	15MHz	16QAM	133297	1RB#0	1000~3000	-48.51	-13.0	PASS



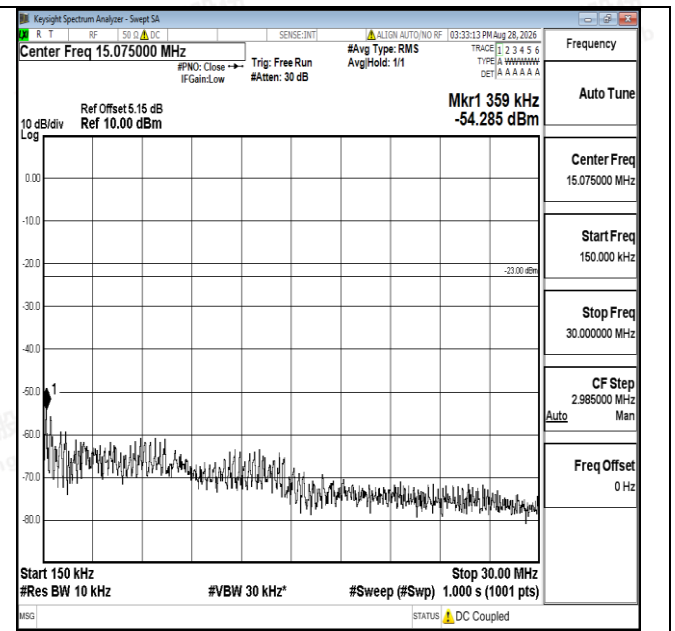
Band71	15MHz	16QAM	133297	1RB#0	3000~10000	-43.56	-13.0	PASS
Band71	15MHz	QPSK	133397	1RB#0	0.009~0.15	-50.12	-33.0	PASS
Band71	15MHz	QPSK	133397	1RB#0	0.15~30	-53.83	-23.0	PASS
Band71	15MHz	QPSK	133397	1RB#0	30~1000	-54.71	-13.0	PASS
Band71	15MHz	QPSK	133397	1RB#0	1000~3000	-46.98	-13.0	PASS
Band71	15MHz	QPSK	133397	1RB#0	3000~10000	-43.40	-13.0	PASS
Band71	15MHz	16QAM	133397	1RB#0	0.009~0.15	-50.21	-33.0	PASS
Band71	15MHz	16QAM	133397	1RB#0	0.15~30	-56.97	-23.0	PASS
Band71	15MHz	16QAM	133397	1RB#0	30~1000	-58.29	-13.0	PASS
Band71	15MHz	16QAM	133397	1RB#0	1000~3000	-47.88	-13.0	PASS
Band71	15MHz	16QAM	133397	1RB#0	3000~10000	-43.82	-13.0	PASS
Band71	20MHz	QPSK	133222	1RB#0	0.009~0.15	-48.27	-33.0	PASS
Band71	20MHz	QPSK	133222	1RB#0	0.15~30	-54.91	-23.0	PASS
Band71	20MHz	QPSK	133222	1RB#0	30~1000	-53.11	-13.0	PASS
Band71	20MHz	QPSK	133222	1RB#0	1000~3000	-48.33	-13.0	PASS
Band71	20MHz	QPSK	133222	1RB#0	3000~10000	-43.87	-13.0	PASS
Band71	20MHz	16QAM	133222	1RB#0	0.009~0.15	-50.92	-33.0	PASS
Band71	20MHz	16QAM	133222	1RB#0	0.15~30	-52.27	-23.0	PASS
Band71	20MHz	16QAM	133222	1RB#0	30~1000	-52.79	-13.0	PASS
Band71	20MHz	16QAM	133222	1RB#0	1000~3000	-48.73	-13.0	PASS
Band71	20MHz	16QAM	133222	1RB#0	3000~10000	-43.78	-13.0	PASS
Band71	20MHz	QPSK	133322	1RB#0	0.009~0.15	-49.52	-33.0	PASS
Band71	20MHz	QPSK	133322	1RB#0	0.15~30	-56.79	-23.0	PASS
Band71	20MHz	QPSK	133322	1RB#0	30~1000	-46.36	-13.0	PASS
Band71	20MHz	QPSK	133322	1RB#0	1000~3000	-48.59	-13.0	PASS
Band71	20MHz	QPSK	133322	1RB#0	3000~10000	-43.88	-13.0	PASS
Band71	20MHz	16QAM	133322	1RB#0	0.009~0.15	-48.95	-33.0	PASS
Band71	20MHz	16QAM	133322	1RB#0	0.15~30	-56.01	-23.0	PASS
Band71	20MHz	16QAM	133322	1RB#0	30~1000	-45.98	-13.0	PASS
Band71	20MHz	16QAM	133322	1RB#0	1000~3000	-48.23	-13.0	PASS
Band71	20MHz	16QAM	133322	1RB#0	3000~10000	-43.70	-13.0	PASS
Band71	20MHz	QPSK	133372	1RB#0	0.009~0.15	-49.32	-33.0	PASS
Band71	20MHz	QPSK	133372	1RB#0	0.15~30	-53.04	-23.0	PASS
Band71	20MHz	QPSK	133372	1RB#0	30~1000	-50.79	-13.0	PASS
Band71	20MHz	QPSK	133372	1RB#0	1000~3000	-48.61	-13.0	PASS
Band71	20MHz	QPSK	133372	1RB#0	3000~10000	-43.93	-13.0	PASS
Band71	20MHz	16QAM	133372	1RB#0	0.009~0.15	-50.40	-33.0	PASS
Band71	20MHz	16QAM	133372	1RB#0	0.15~30	-54.81	-23.0	PASS
Band71	20MHz	16QAM	133372	1RB#0	30~1000	-50.45	-13.0	PASS
Band71	20MHz	16QAM	133372	1RB#0	1000~3000	-48.52	-13.0	PASS
Band71	20MHz	16QAM	133372	1RB#0	3000~10000	-43.95	-13.0	PASS



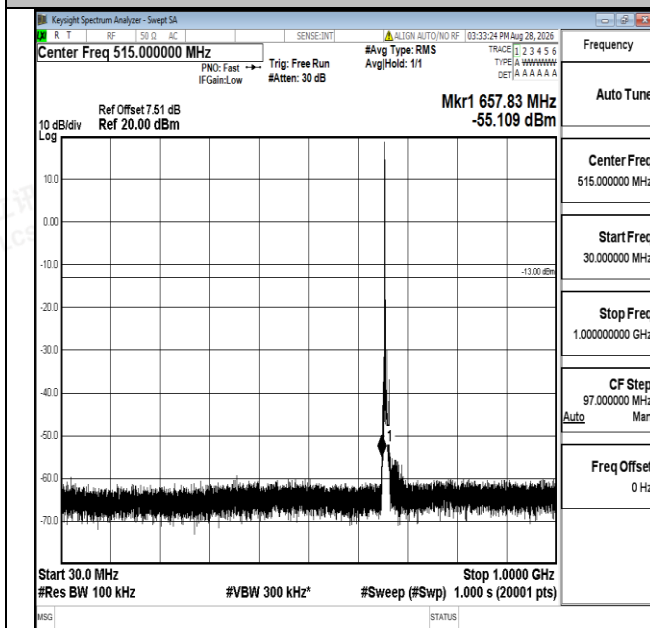
Test Graphs



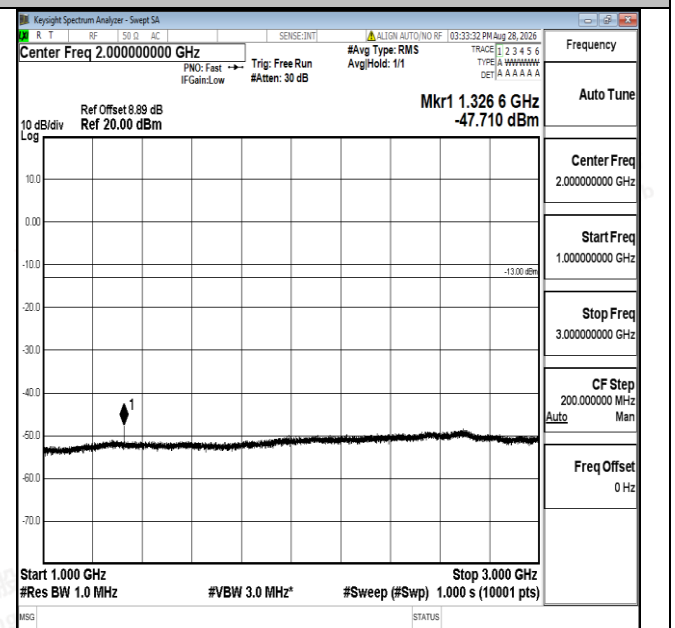
Band71-5MHz-QPSK-133147-1RB#0-0.009~0.15-PASS



Band71-5MHz-QPSK-133147-1RB#0-0.15~30-PASS



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



Band71-5MHz-QPSK-133147-1RB#0-1000~3000-PASS