



Appendix E: Test Data for E-UTRA Band 7

Product Name: GNSS Receiver

Test Model: A100 Pro

Environmental Conditions

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





E.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.48	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.27	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.68	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.56	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.54	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.49	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.44	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.33	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.47	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.35	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.55	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.48	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.56	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.55	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.93	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.96	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.15	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.15	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.08	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.09	PASS
Band7	5MHz	QPSK	21100	12RB#0	22.12	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.05	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.12	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.05	PASS
Band7	5MHz	QPSK	21100	12RB#13	22.06	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.04	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.09	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.05	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.19	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.01	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.44	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.17	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.37	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.1	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.2	PASS



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Scan code to check authenticity



Band7	5MHz	16QAM	21425	12RB#0	21.02	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.19	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.04	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.17	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.97	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.19	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.09	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.94	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.92	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.08	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.09	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.06	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.03	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.94	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.96	PASS
Band7	10MHz	QPSK	20800	25RB#12	22.05	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.93	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.14	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.1	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.12	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.06	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.38	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.16	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.46	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.26	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.46	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.28	PASS
Band7	10MHz	QPSK	21100	25RB#0	22.41	PASS
Band7	10MHz	16QAM	21100	25RB#0	21.38	PASS
Band7	10MHz	QPSK	21100	25RB#12	22.44	PASS
Band7	10MHz	16QAM	21100	25RB#12	21.42	PASS
Band7	10MHz	QPSK	21100	25RB#25	22.34	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.28	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.42	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.45	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.47	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.4	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.59	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.43	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.71	PASS



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Band7	10MHz	16QAM	21400	1RB#49	22.44	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.42	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.31	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.44	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.31	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.33	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.25	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.42	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.28	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.95	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.93	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.18	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.18	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.14	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.36	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.48	PASS
Band7	15MHz	16QAM	20825	38RB#0	22.55	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.52	PASS
Band7	15MHz	16QAM	20825	38RB#18	22.49	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.45	PASS
Band7	15MHz	16QAM	20825	38RB#37	22.36	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.45	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.29	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.15	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.94	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.42	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.19	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.39	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.1	PASS
Band7	15MHz	QPSK	21100	38RB#0	22.44	PASS
Band7	15MHz	16QAM	21100	38RB#0	22.42	PASS
Band7	15MHz	QPSK	21100	38RB#18	22.45	PASS
Band7	15MHz	16QAM	21100	38RB#18	22.46	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.45	PASS
Band7	15MHz	16QAM	21100	38RB#37	22.44	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.43	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.38	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.46	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.38	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.61	PASS



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Band7	15MHz	16QAM	21375	1RB#38	22.47	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.58	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.42	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.57	PASS
Band7	15MHz	16QAM	21375	38RB#0	22.57	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.57	PASS
Band7	15MHz	16QAM	21375	38RB#18	22.54	PASS
Band7	15MHz	QPSK	21375	38RB#37	22.55	PASS
Band7	15MHz	16QAM	21375	38RB#37	22.56	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.55	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.35	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.01	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.9	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.3	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.14	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.3	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.13	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.05	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.94	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.03	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.92	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.23	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.19	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.13	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.08	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.31	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.39	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.6	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.68	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.45	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.52	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.57	PASS
Band7	20MHz	16QAM	21100	50RB#0	21.59	PASS
Band7	20MHz	QPSK	21100	50RB#25	22.55	PASS
Band7	20MHz	16QAM	21100	50RB#25	21.5	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.48	PASS
Band7	20MHz	16QAM	21100	50RB#50	21.38	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.52	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.44	PASS



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Scan code to check authenticity



Band7	20MHz	16QAM	21350	1RB#0	22.35	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.7	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.44	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.59	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.25	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.39	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.37	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.37	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.36	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.47	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.4	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.41	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.35	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.32	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.15	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.51	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.23	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	3.99	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	4.93	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.46	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.16	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	2.34	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	3.59	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.63	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.40	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.15	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.07	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.40	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.18	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	3.78	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	4.75	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.39	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.14	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	2.79	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	3.99	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.70	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.52	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.14	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.09	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.56	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.18	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	3.79	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	4.75	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.67	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.23	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	3.46	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	4.52	13	PASS



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Scan code to check authenticity

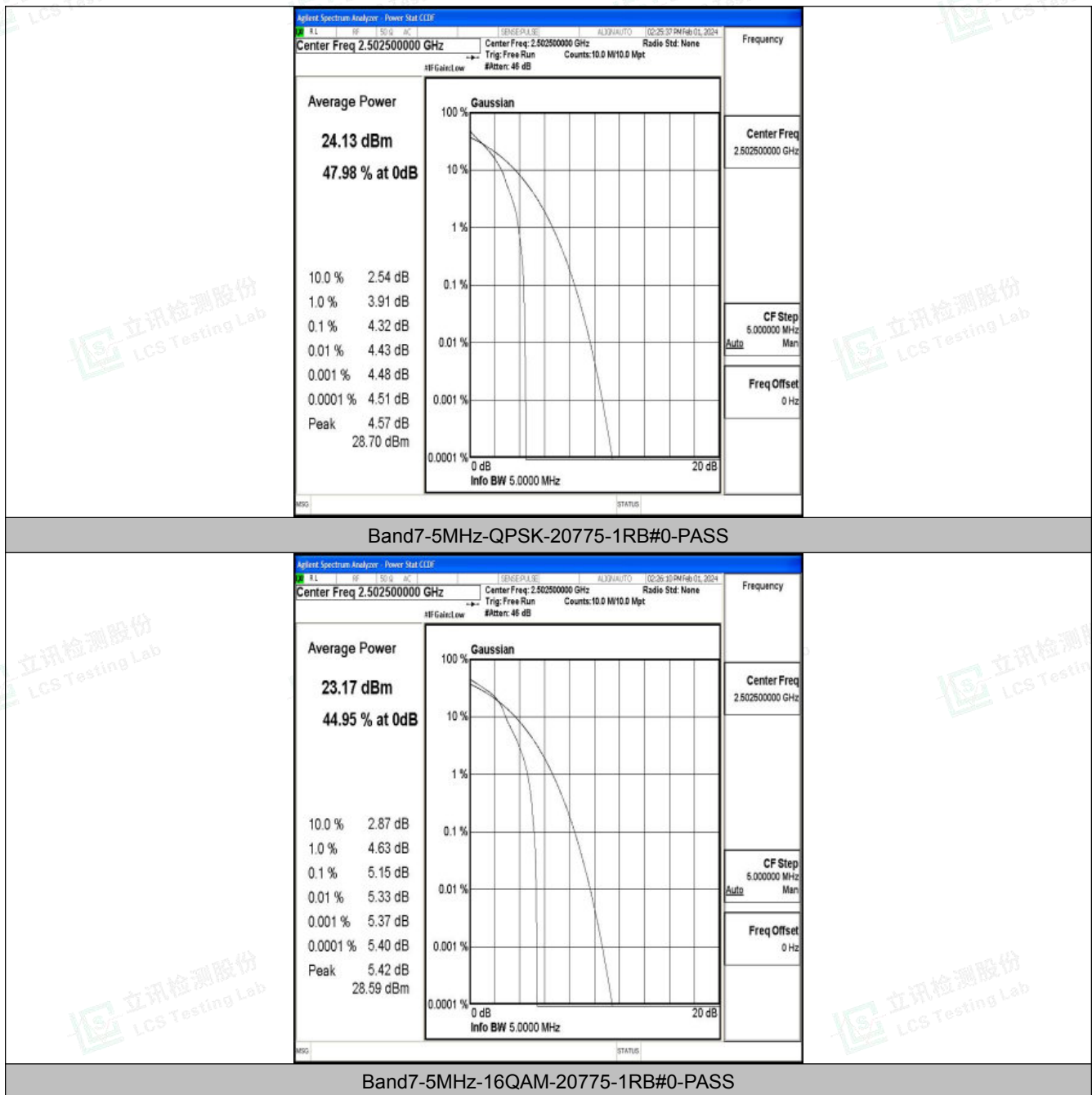


Band7	15MHz	QPSK	21375	75RB#0	4.95	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.68	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.08	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	4.96	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.19	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.04	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	3.77	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	4.69	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.36	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.14	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	3.88	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	4.82	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.88	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.74	13	PASS





Test Graphs

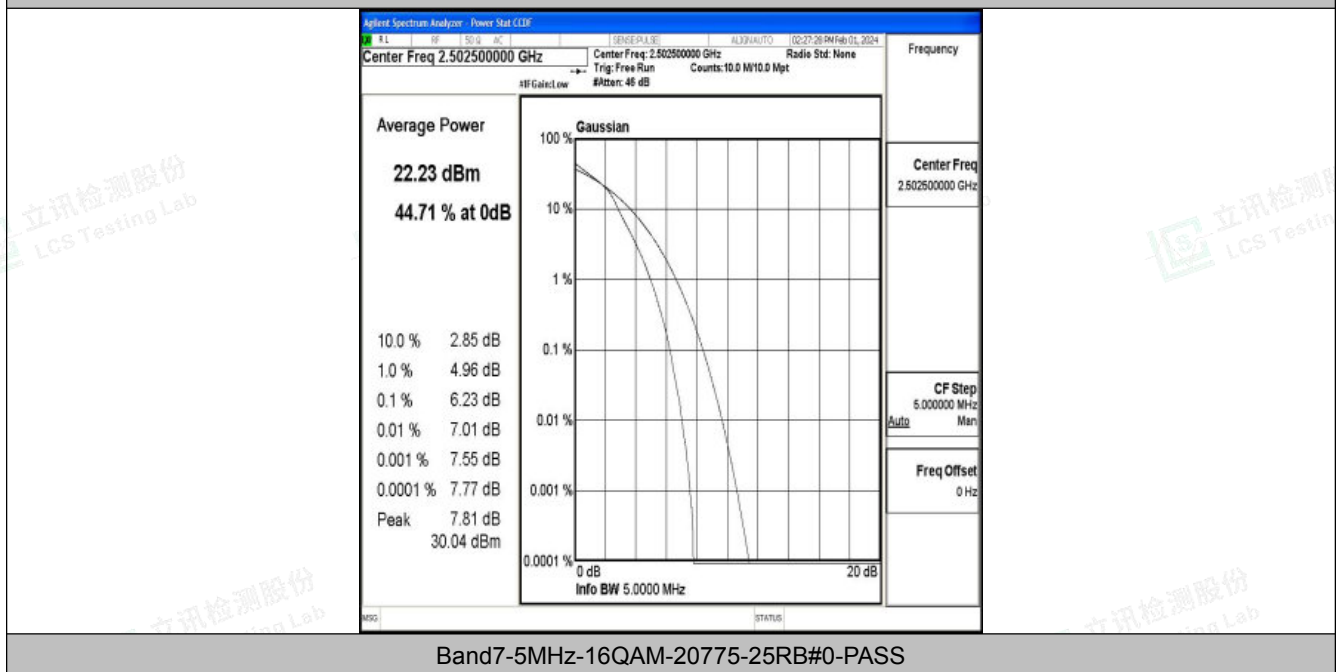
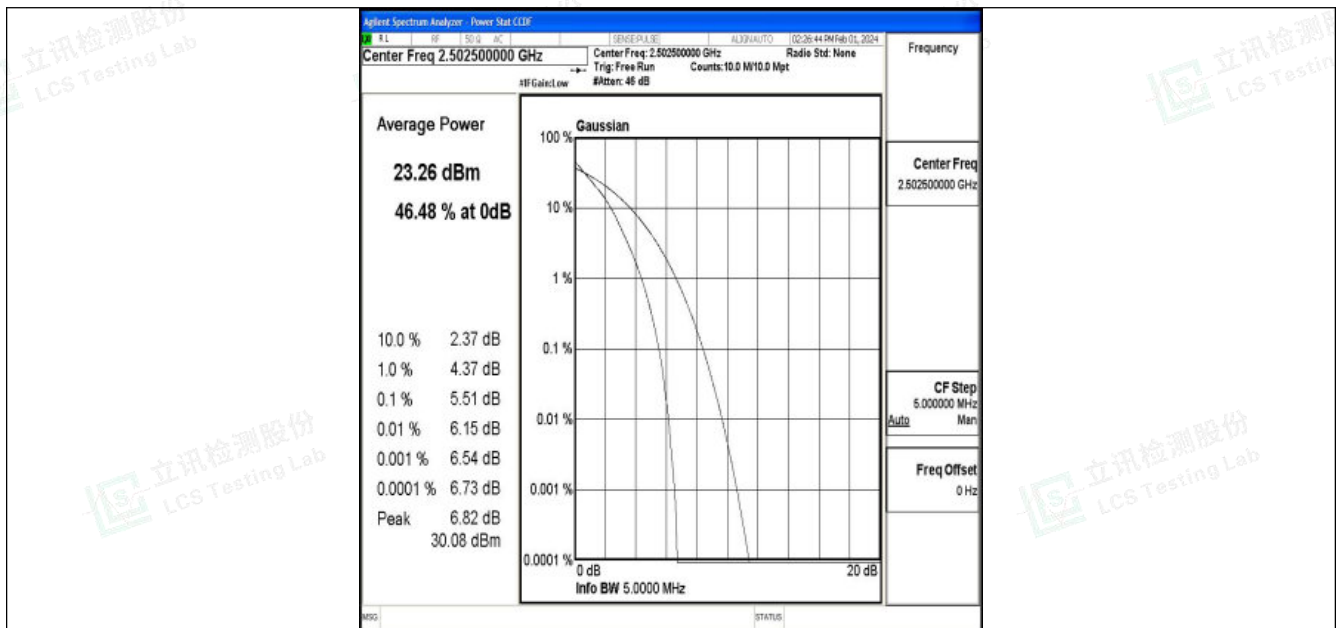


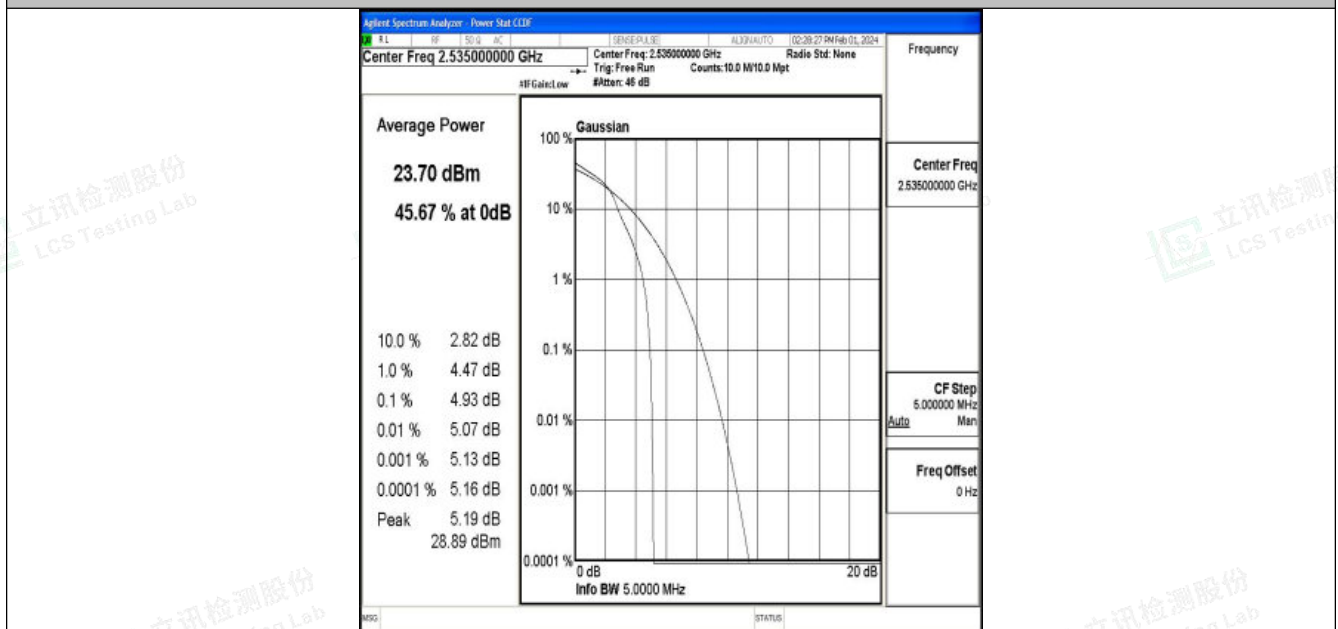
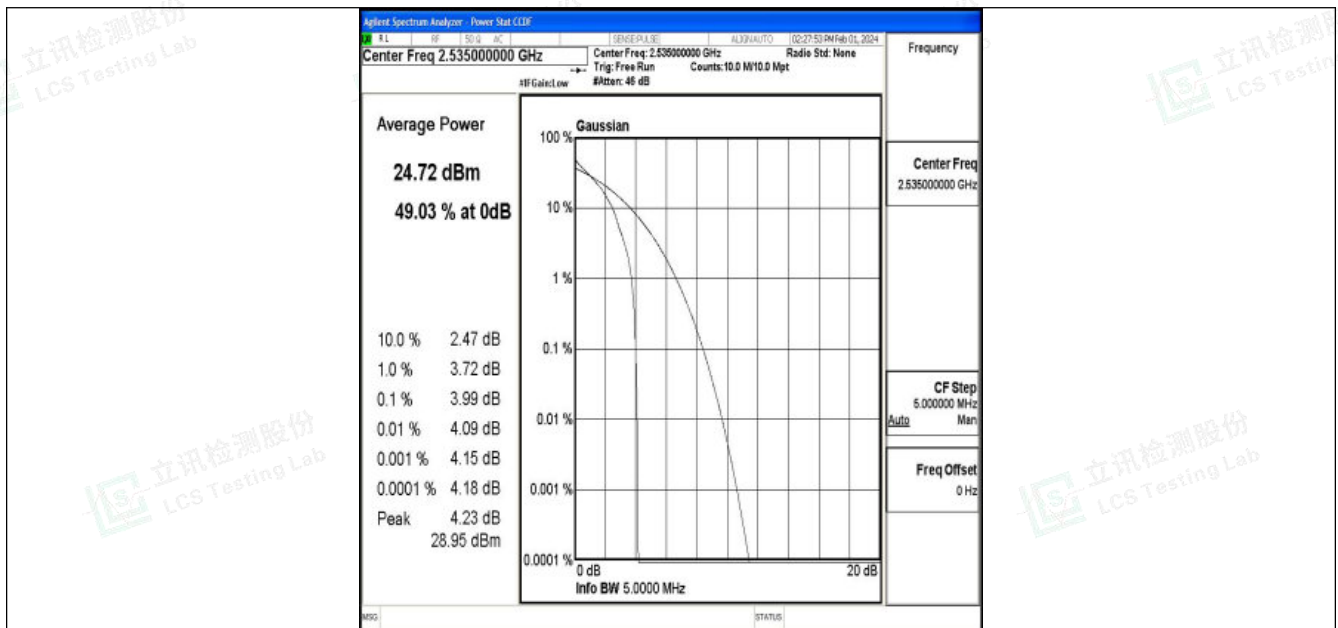
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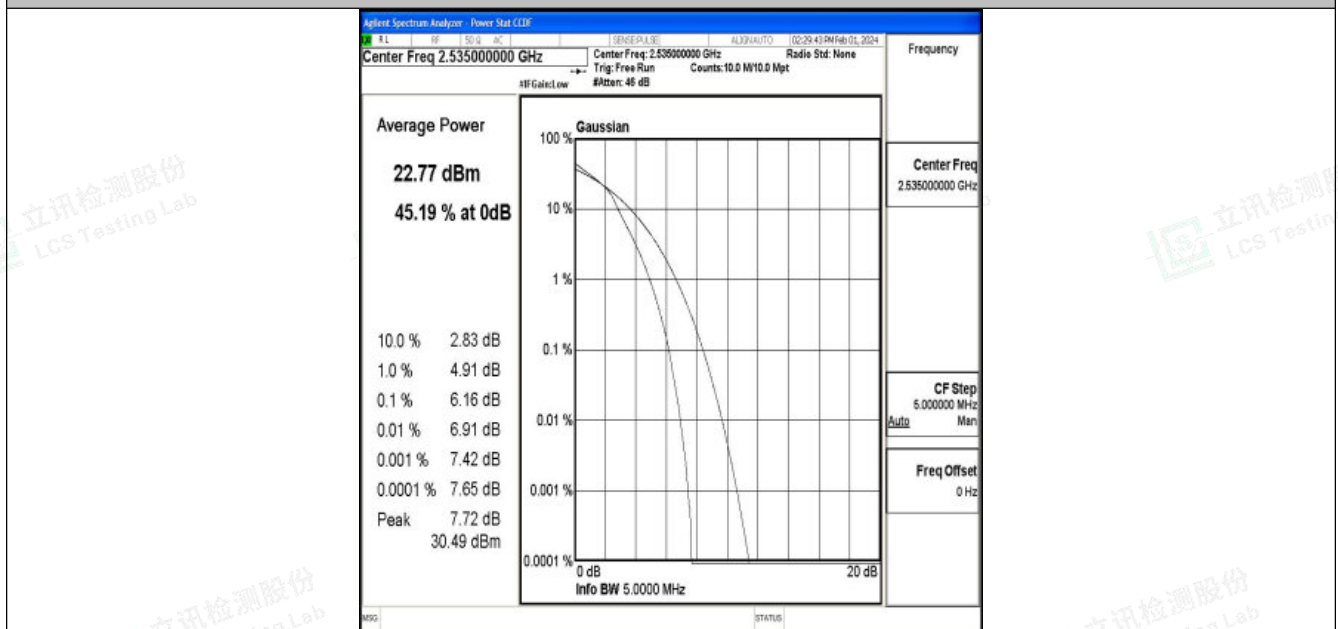
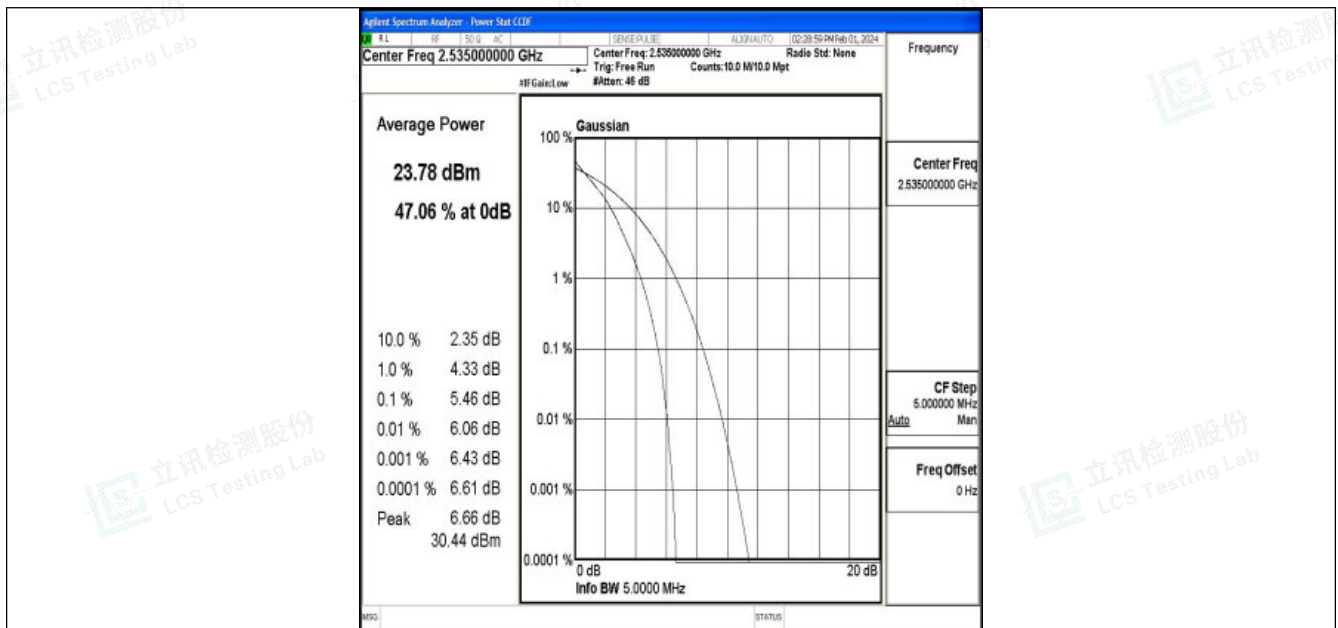
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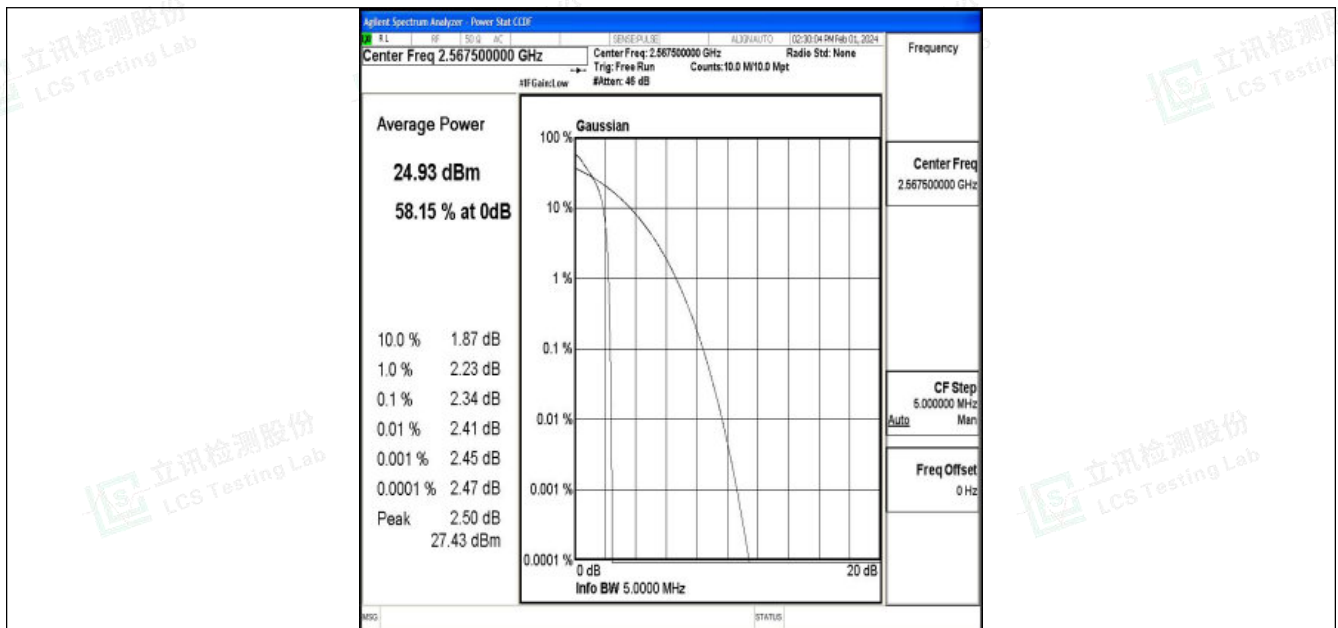
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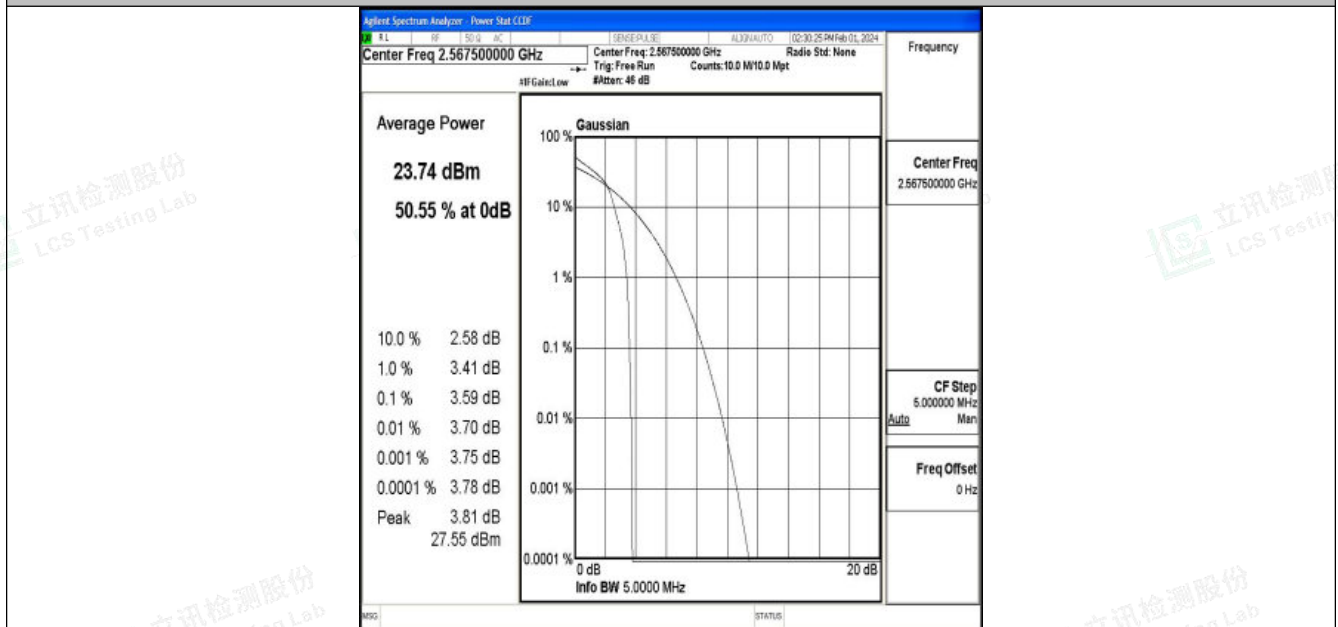








Band7-5MHz-QPSK-21425-1RB#0-PASS



Band7-5MHz-16QAM-21425-1RB#0-PASS

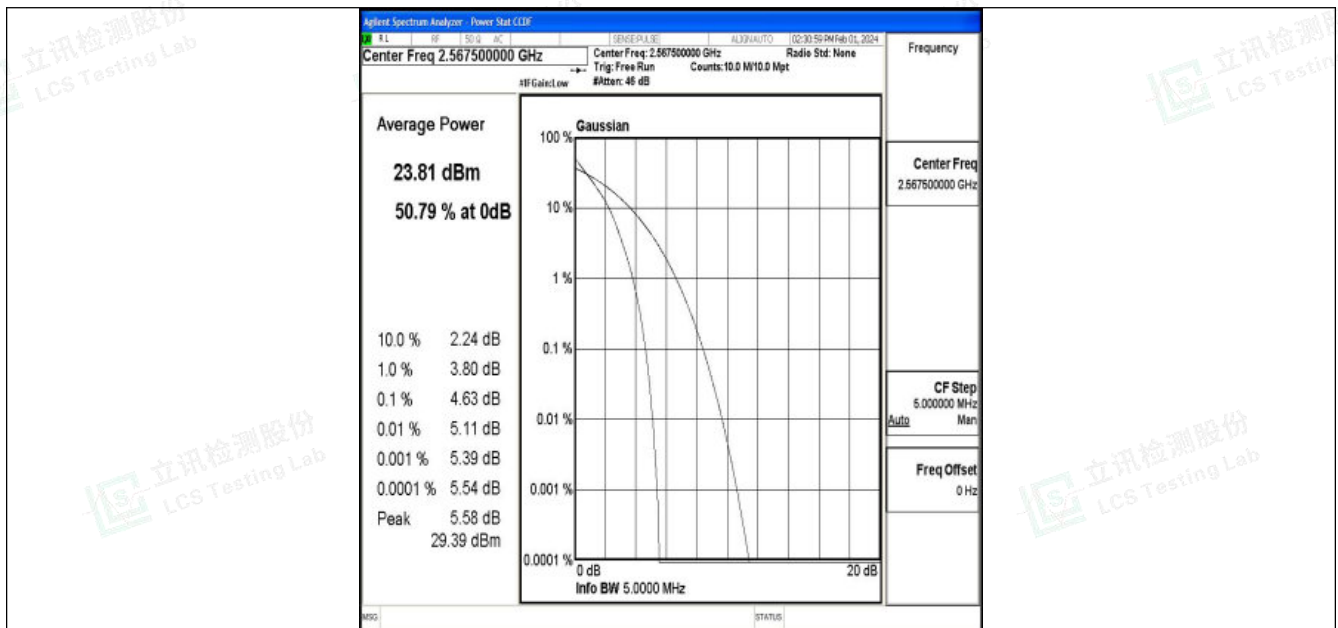


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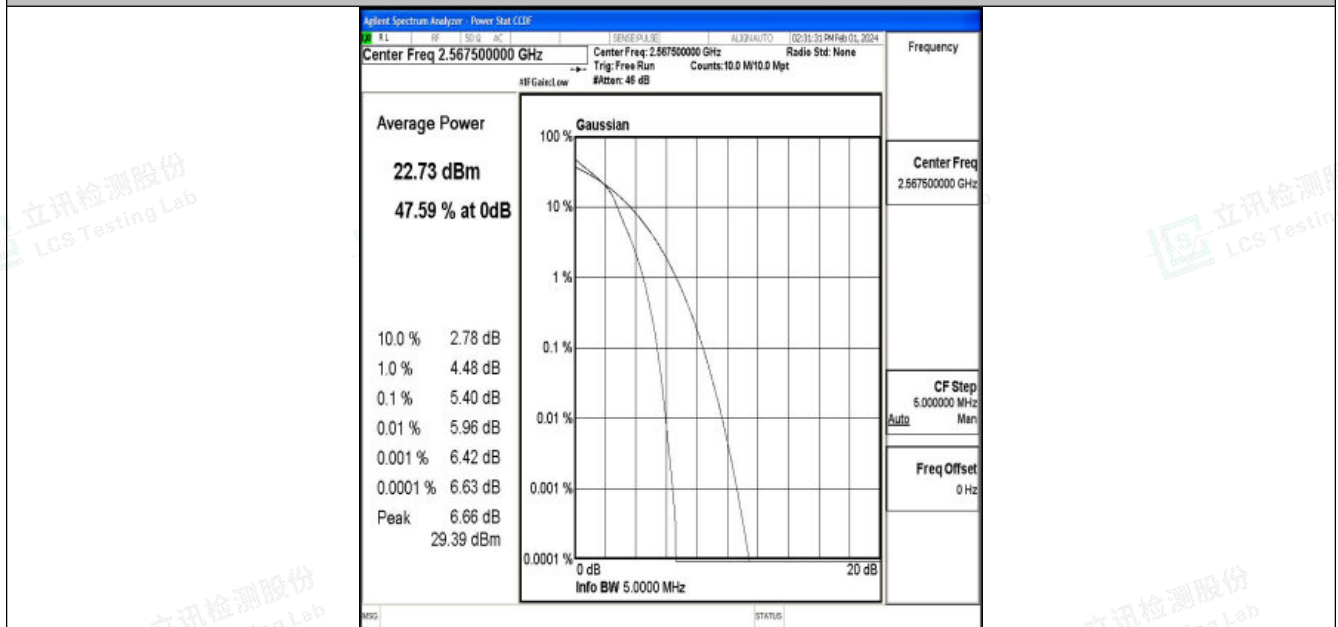
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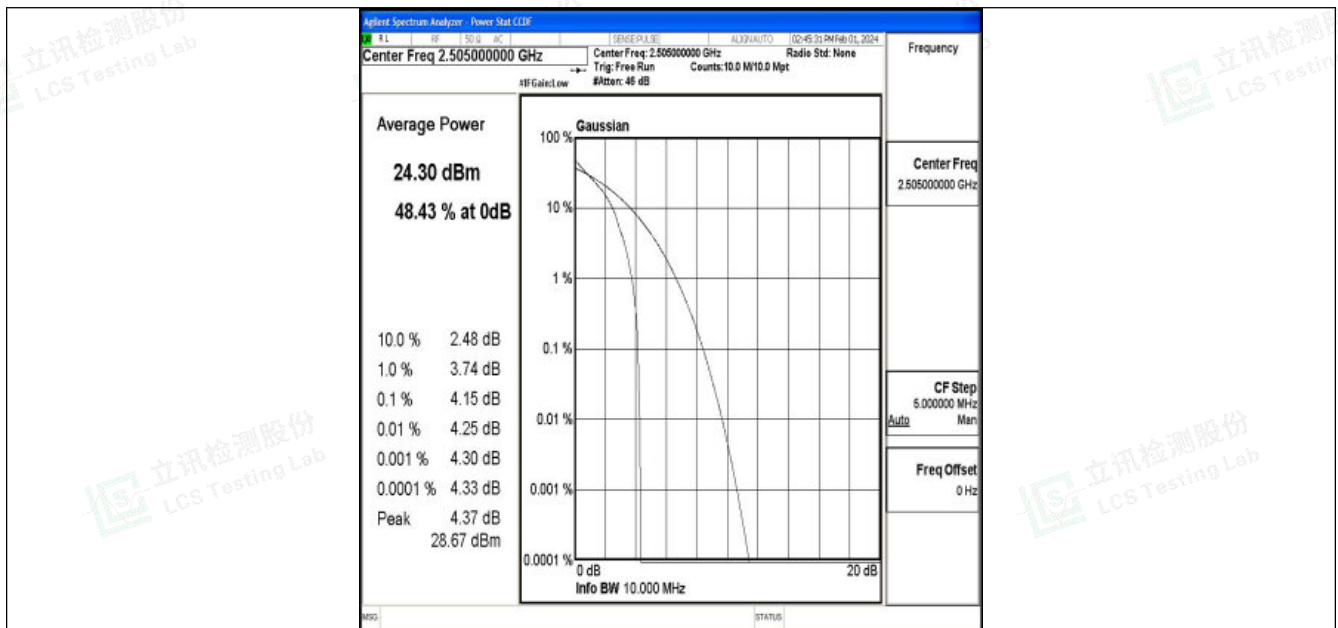


Band7-5MHz-QPSK-21425-25RB#0-PASS

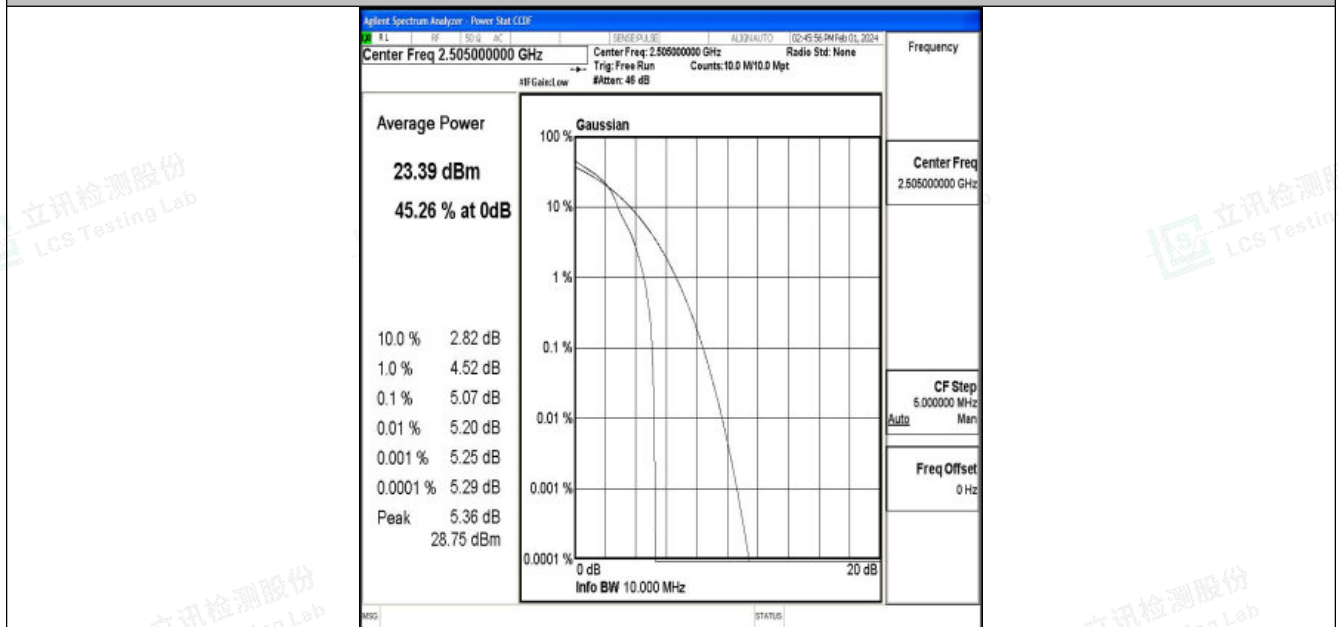


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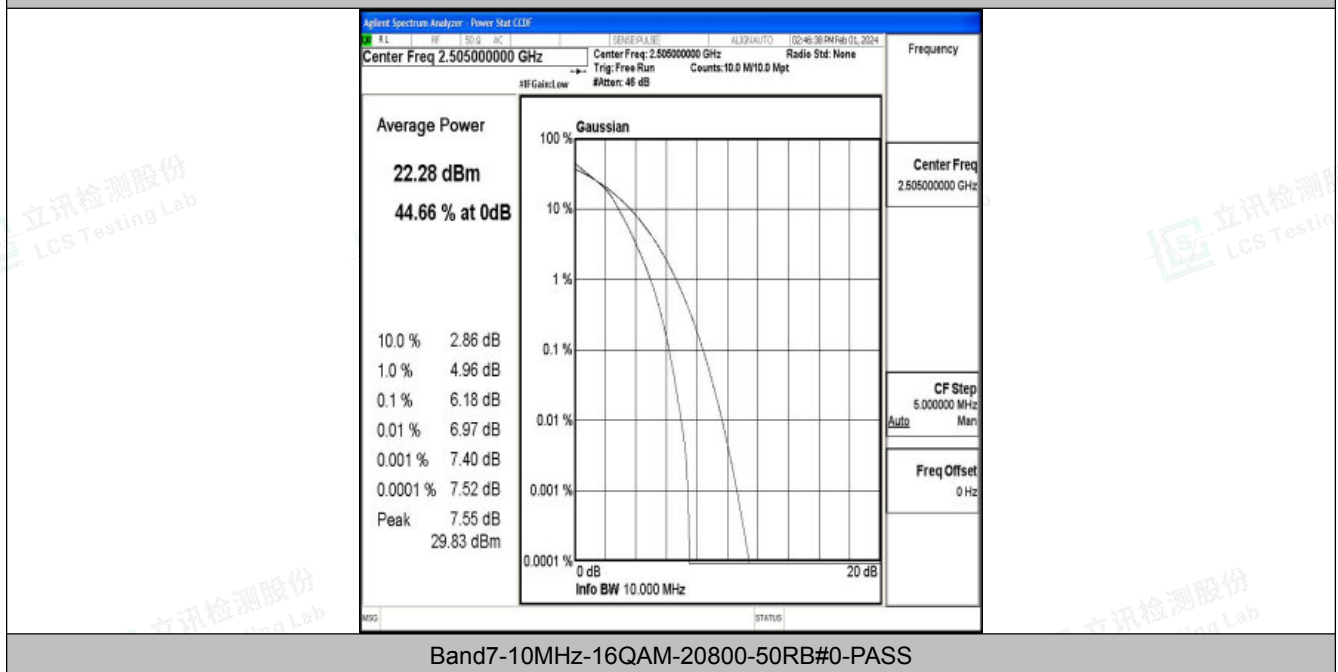
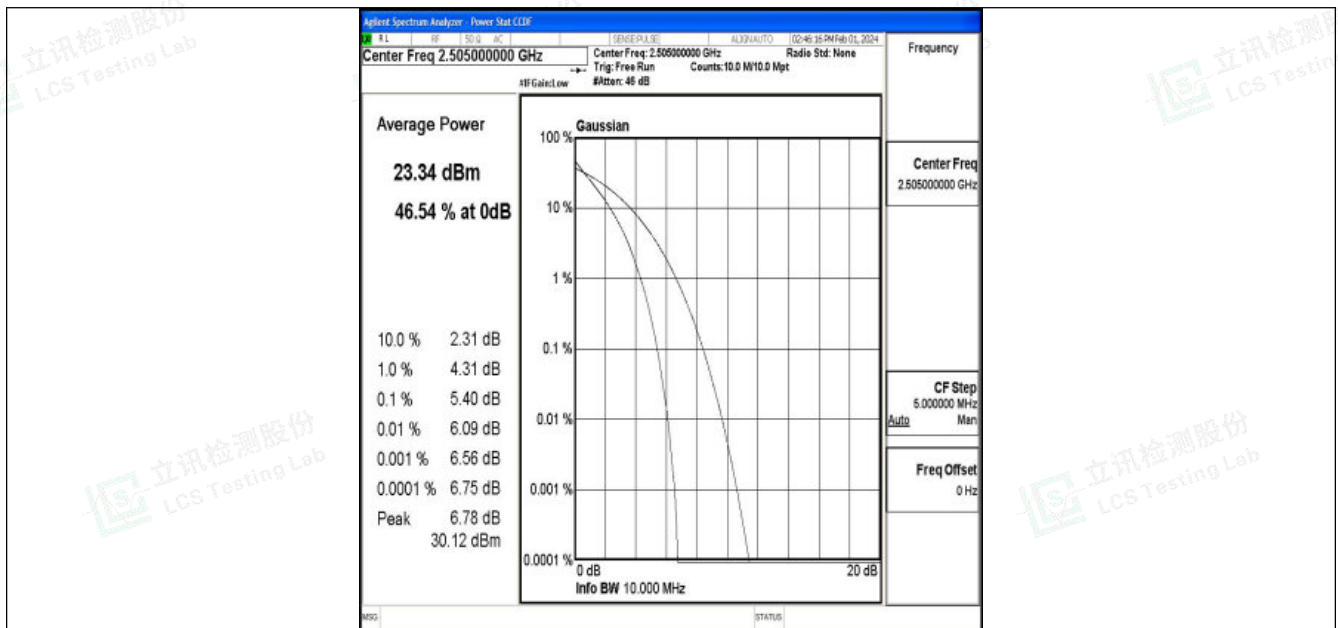


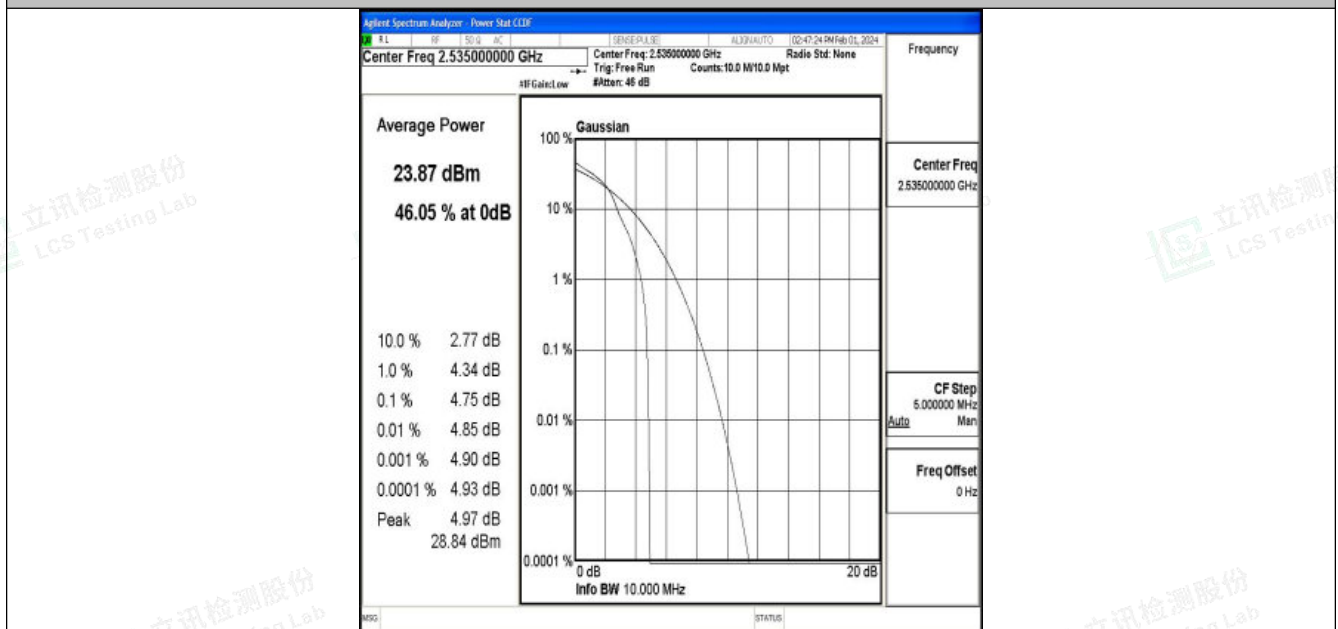
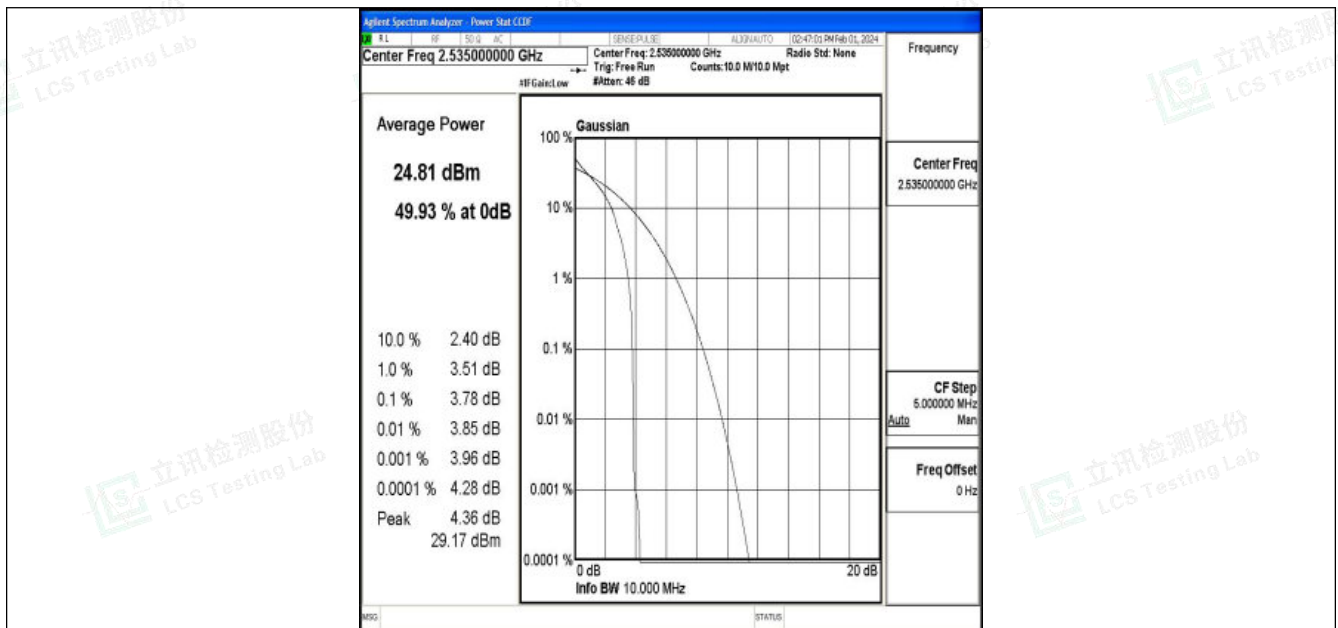
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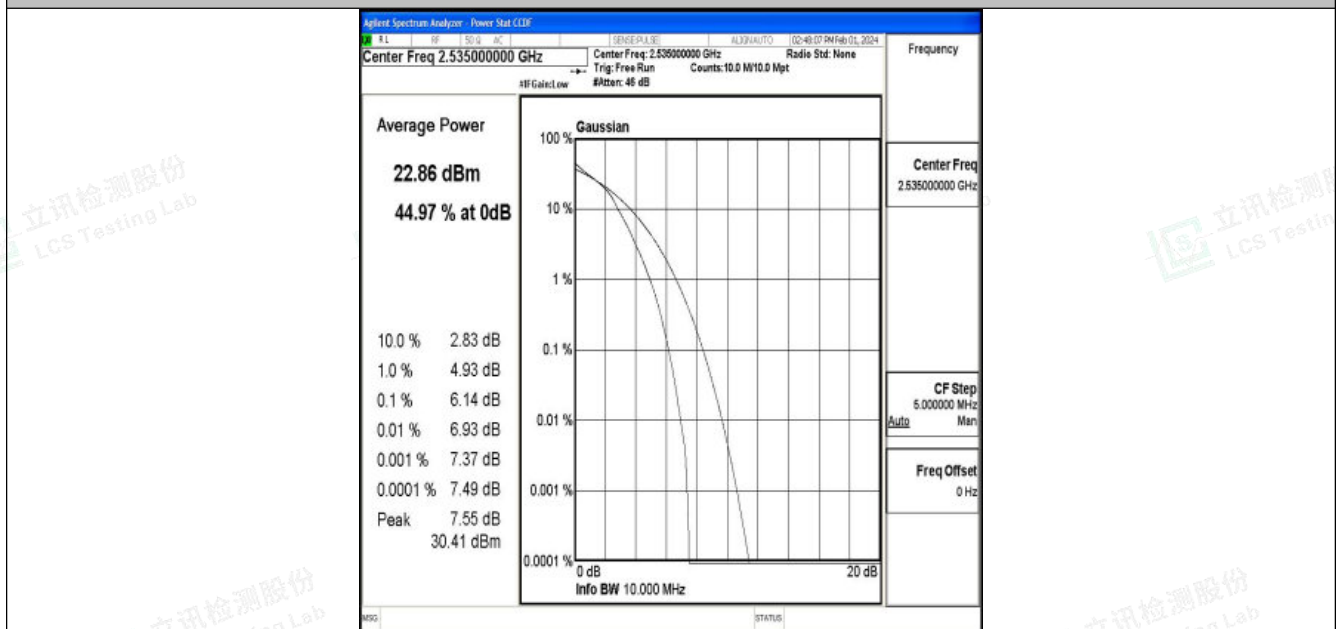
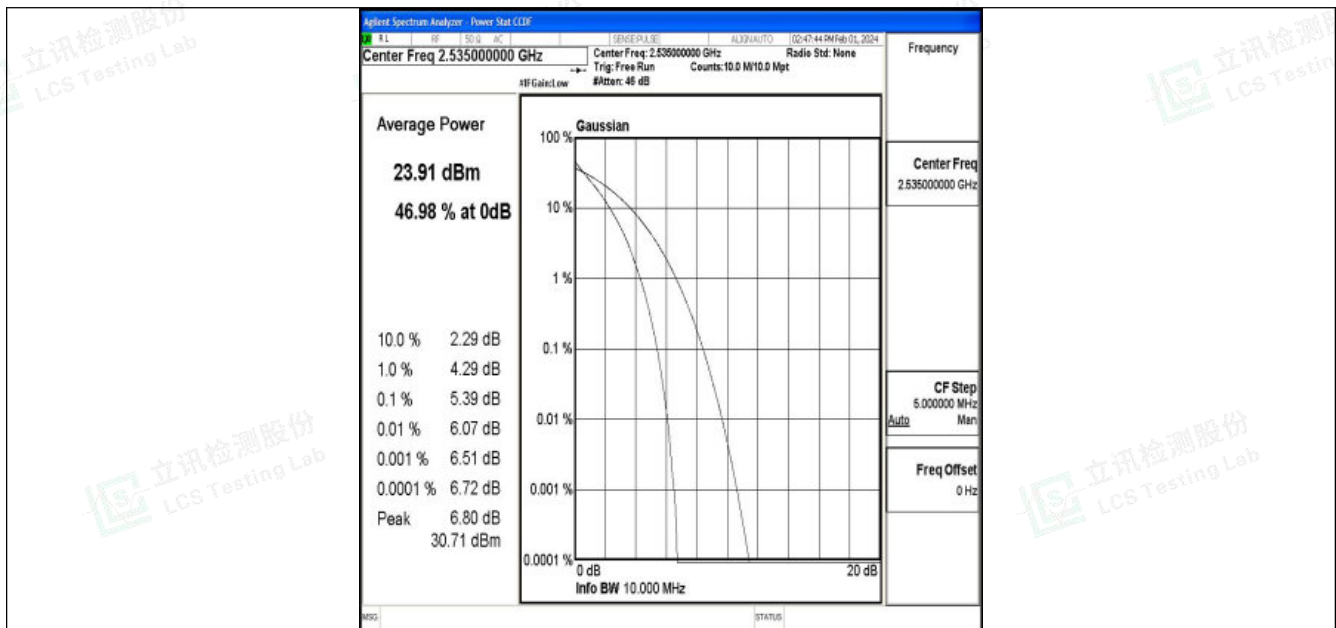


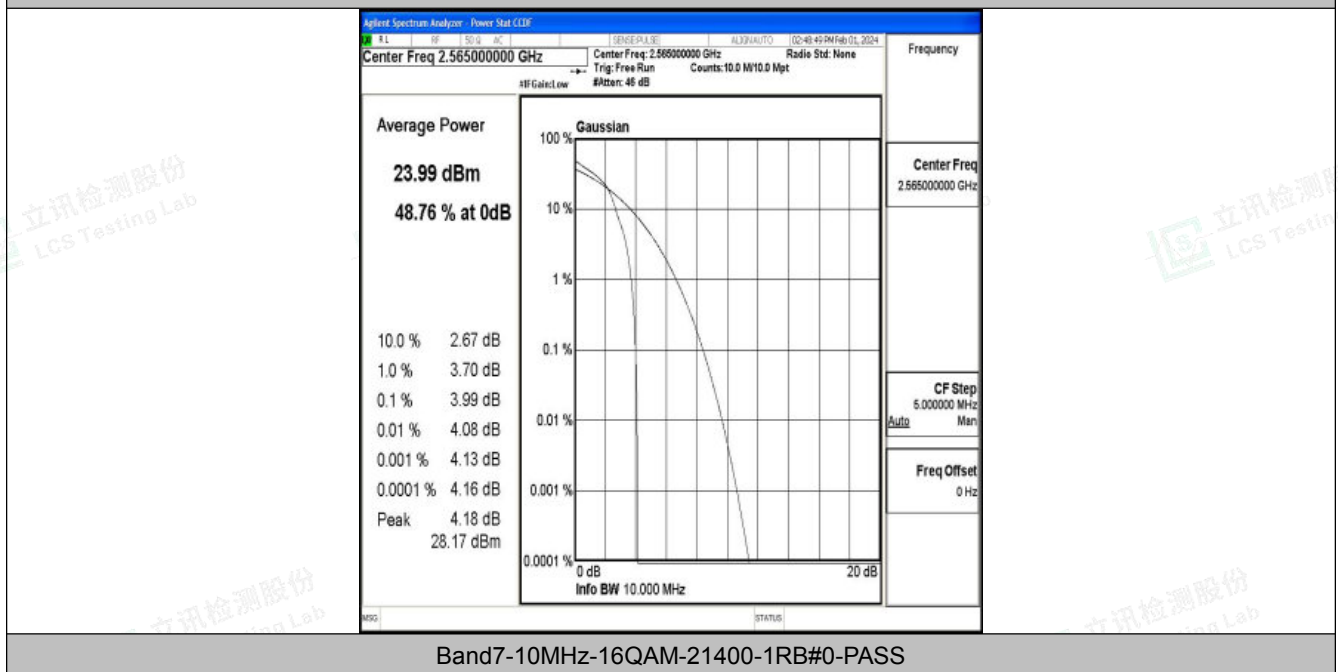
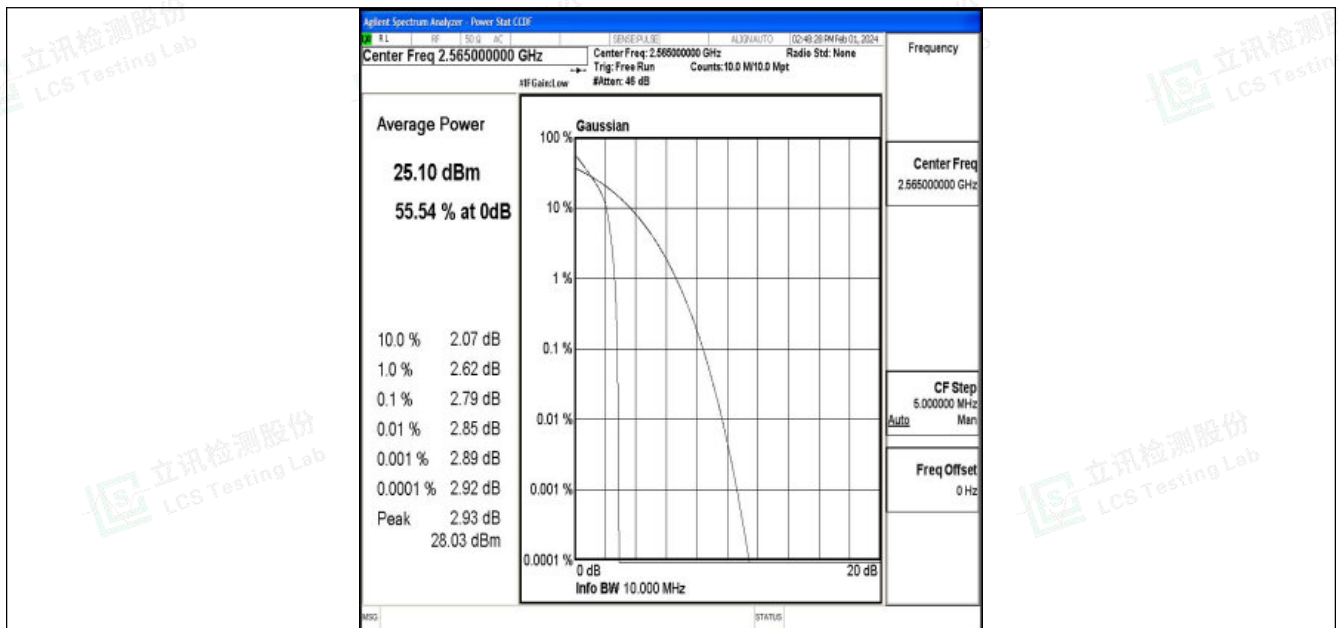
Band7-10MHz-16QAM-20800-1RB#0-PASS

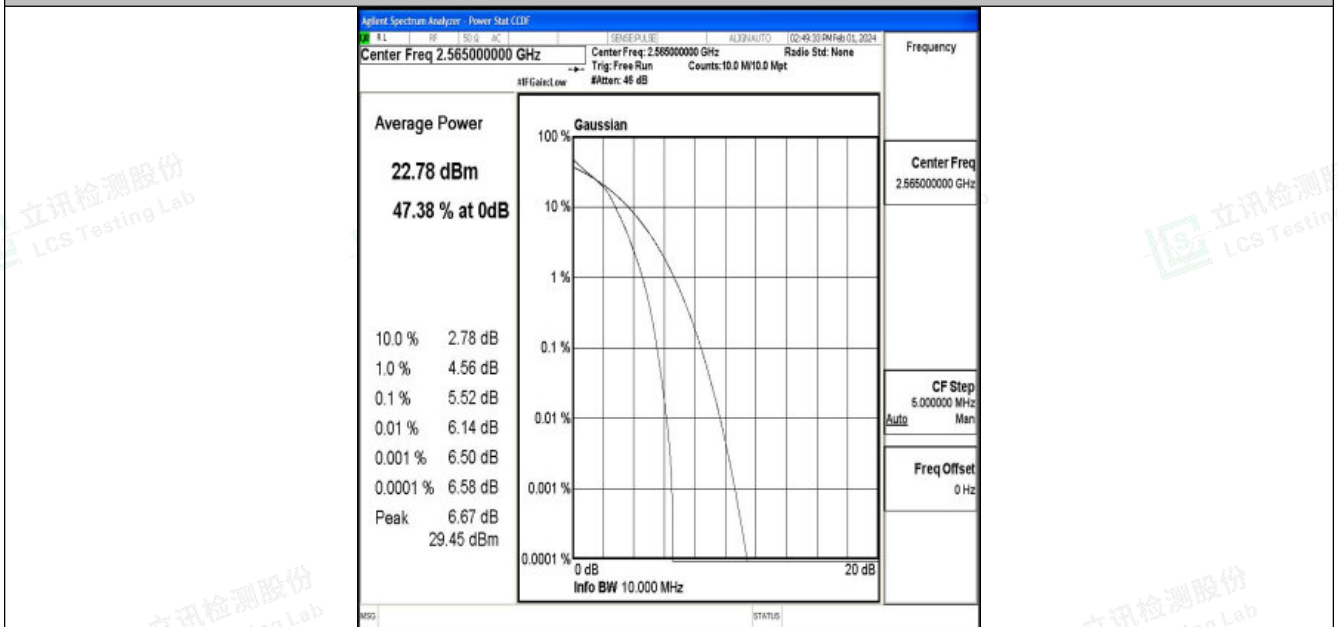
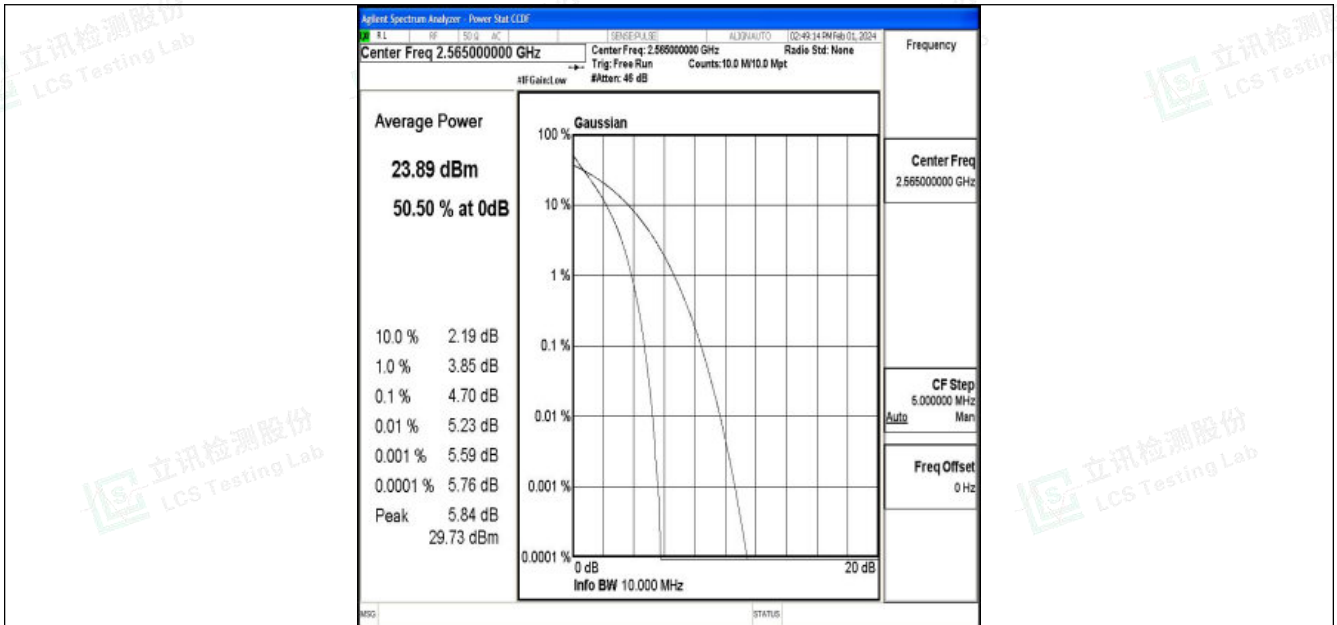


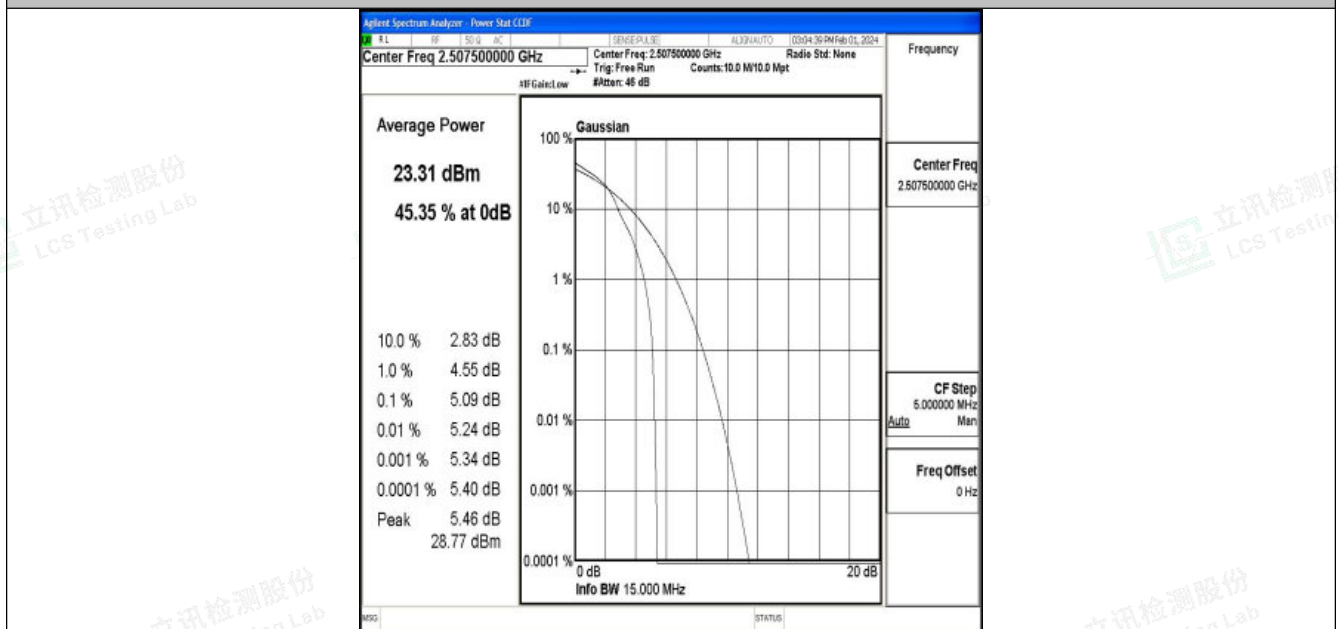
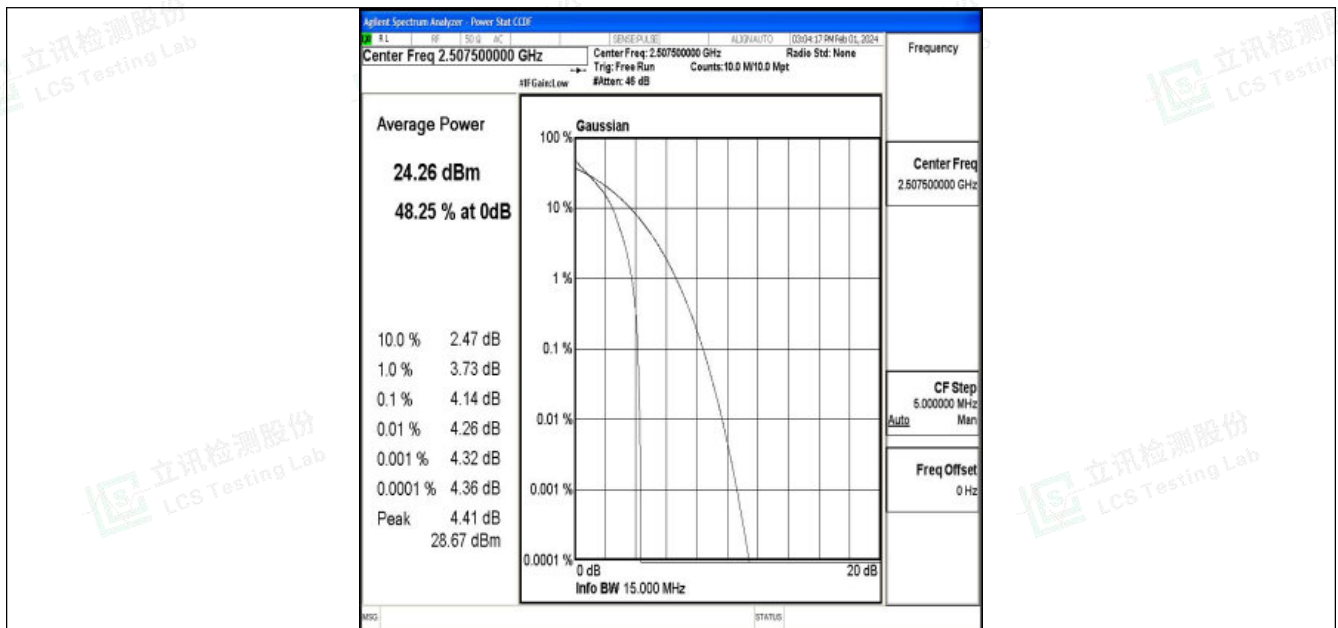


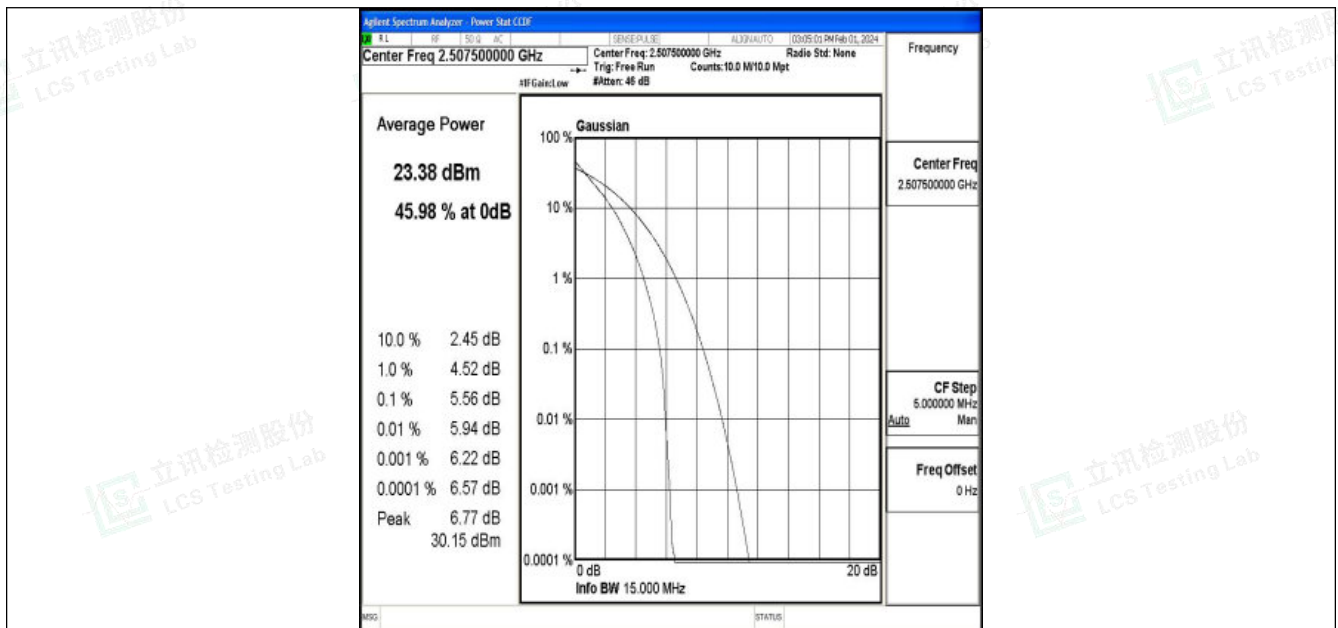




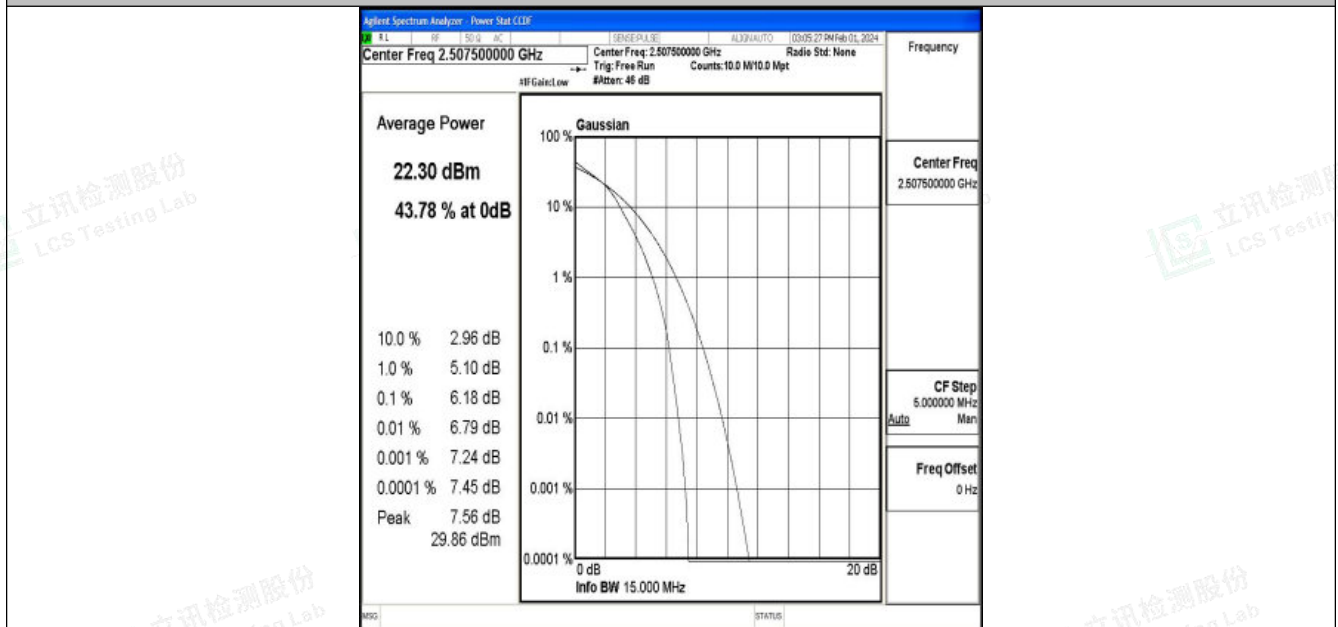






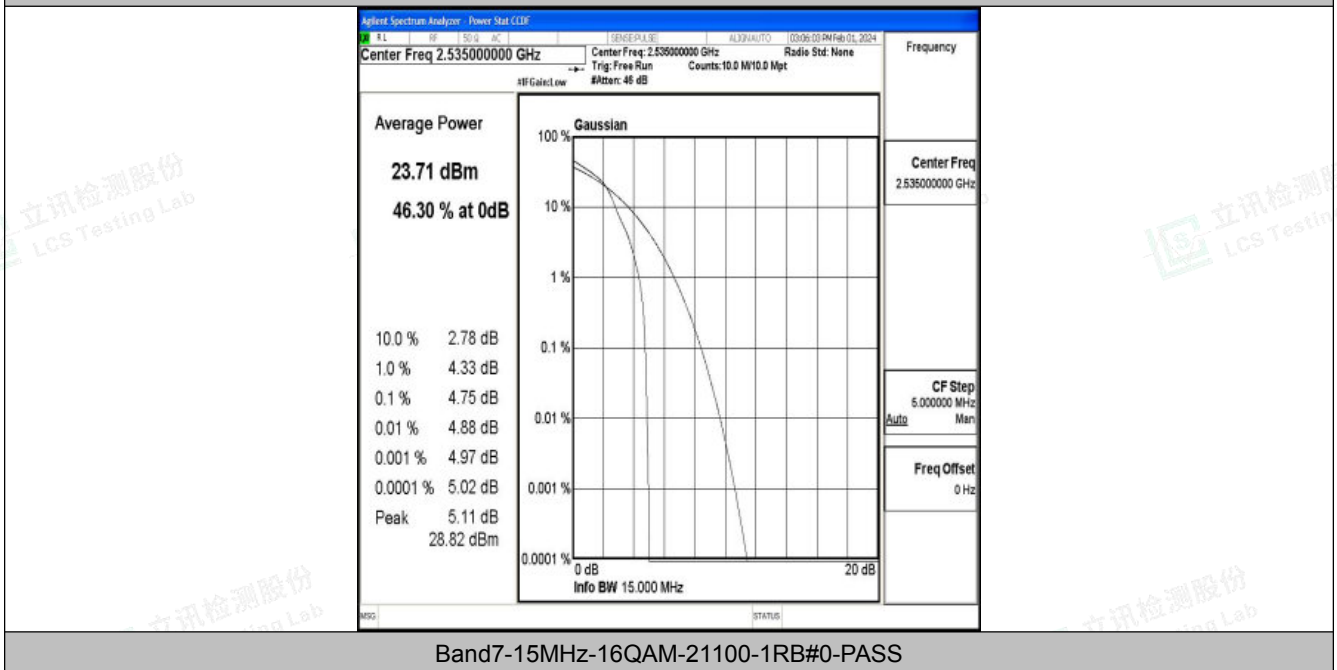
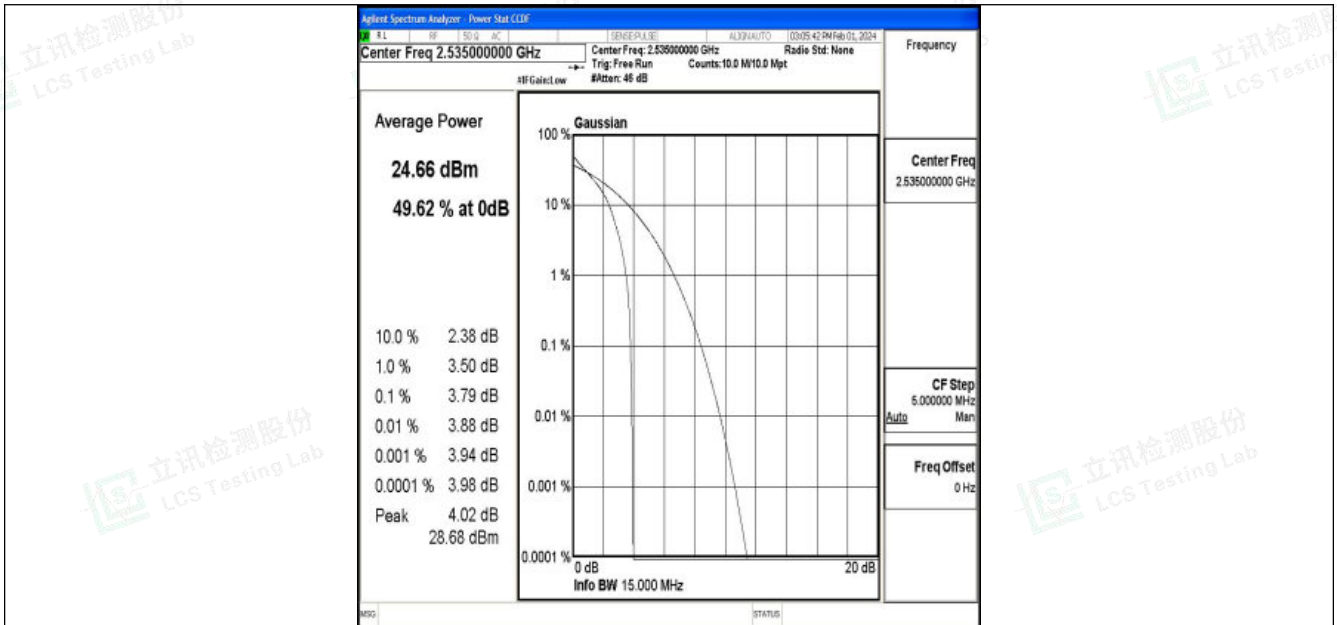


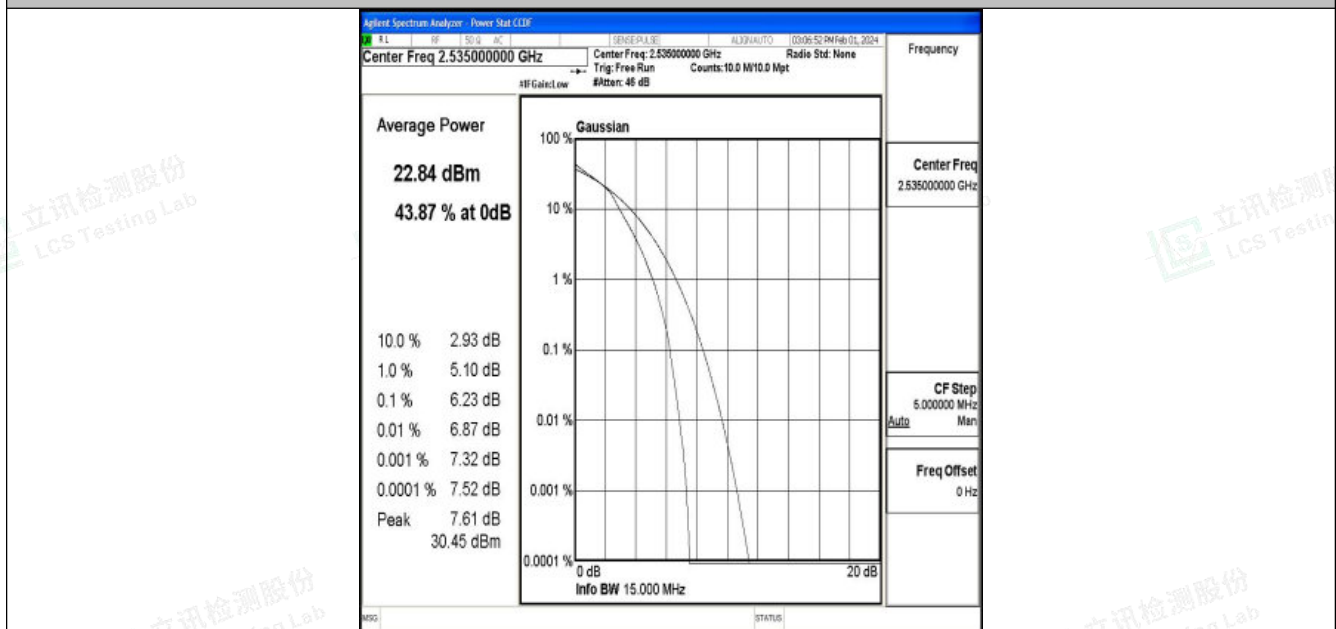
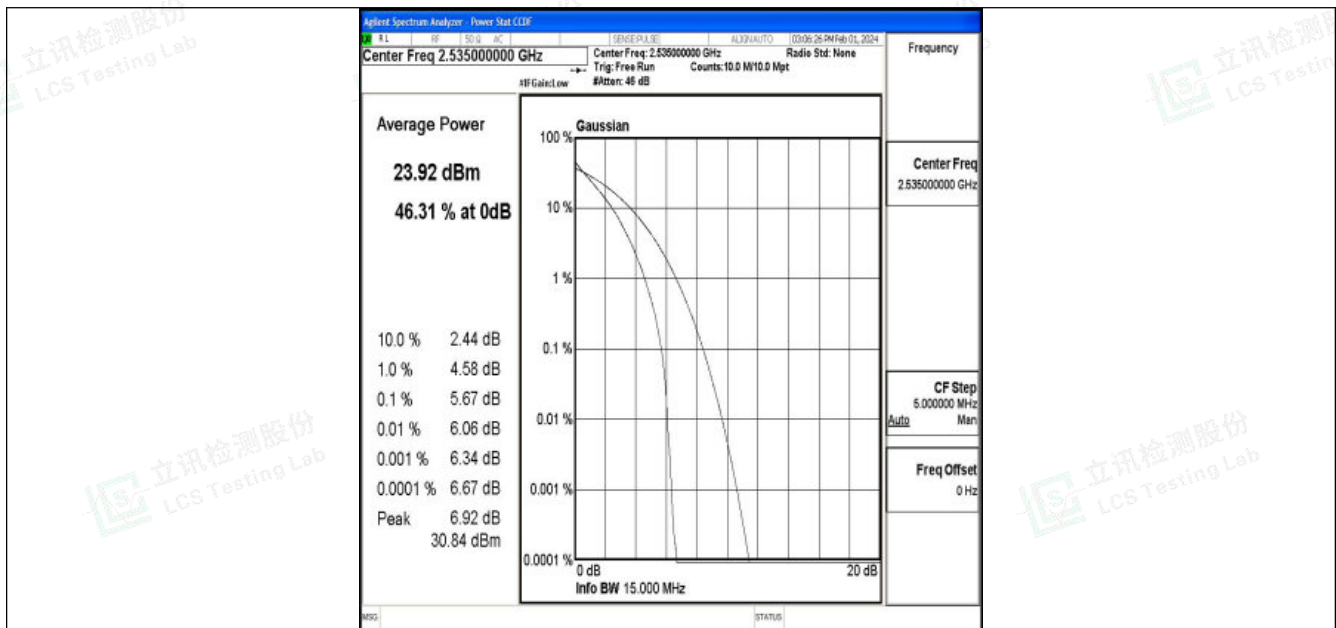
Band7-15MHz-QPSK-20825-75RB#0-PASS

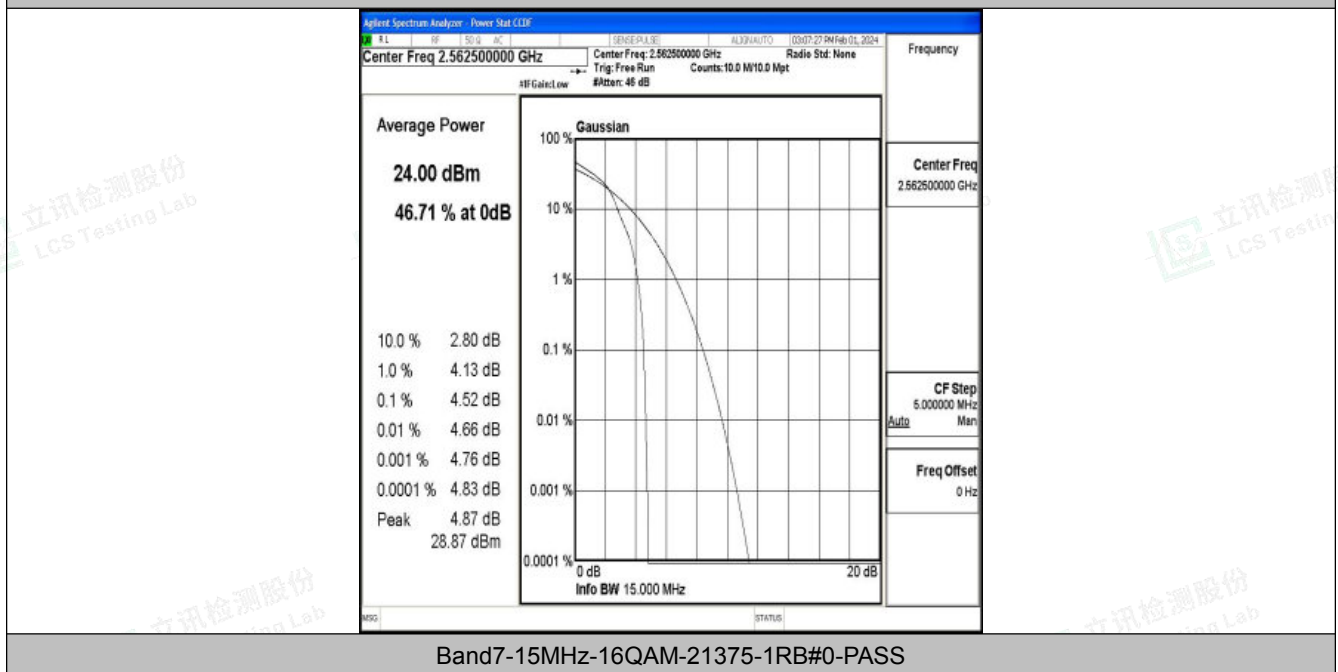
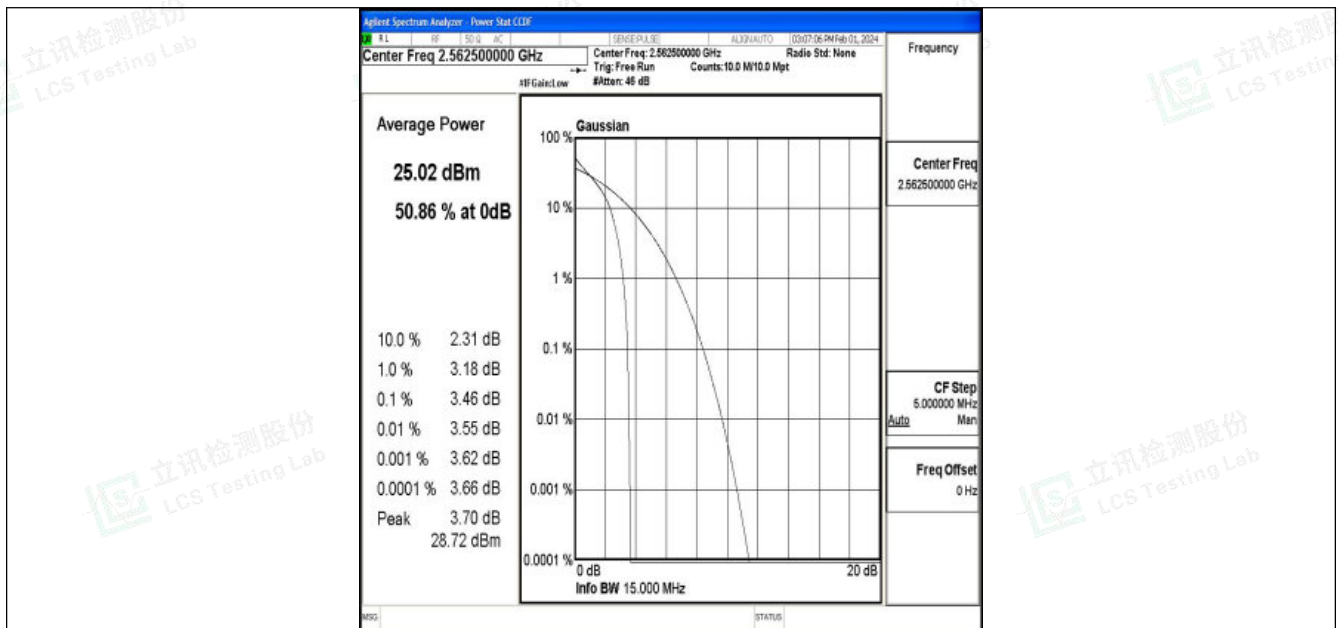


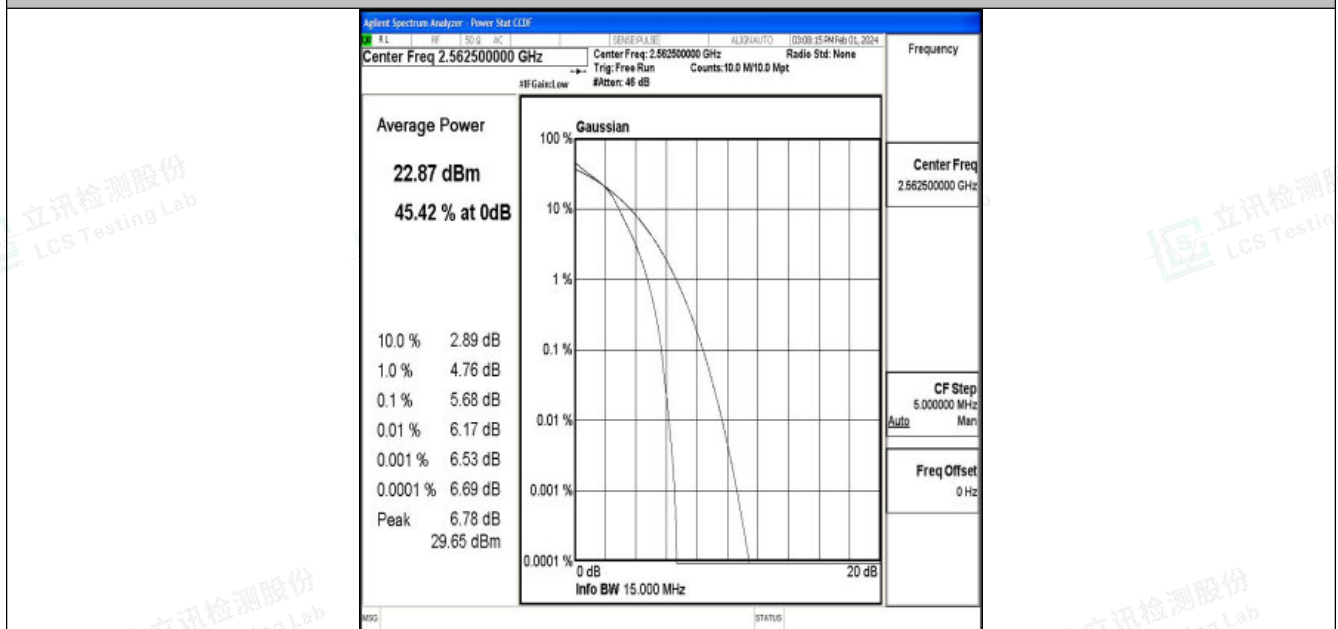
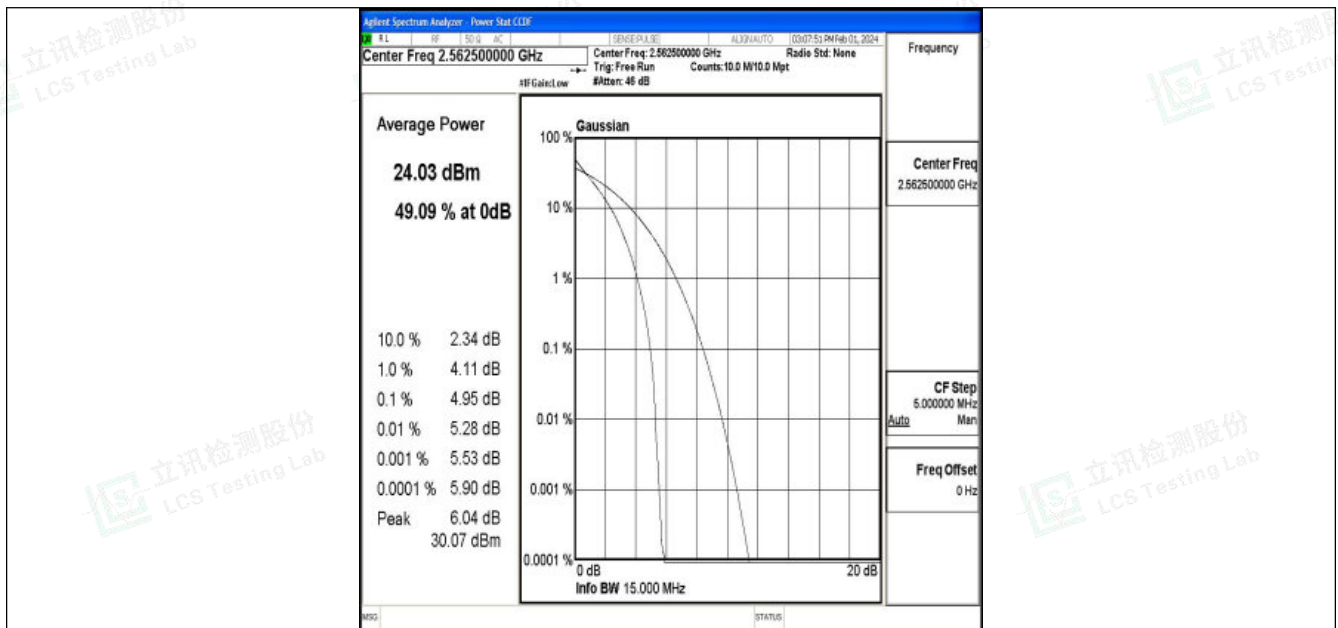
Band7-15MHz-16QAM-20825-75RB#0-PASS

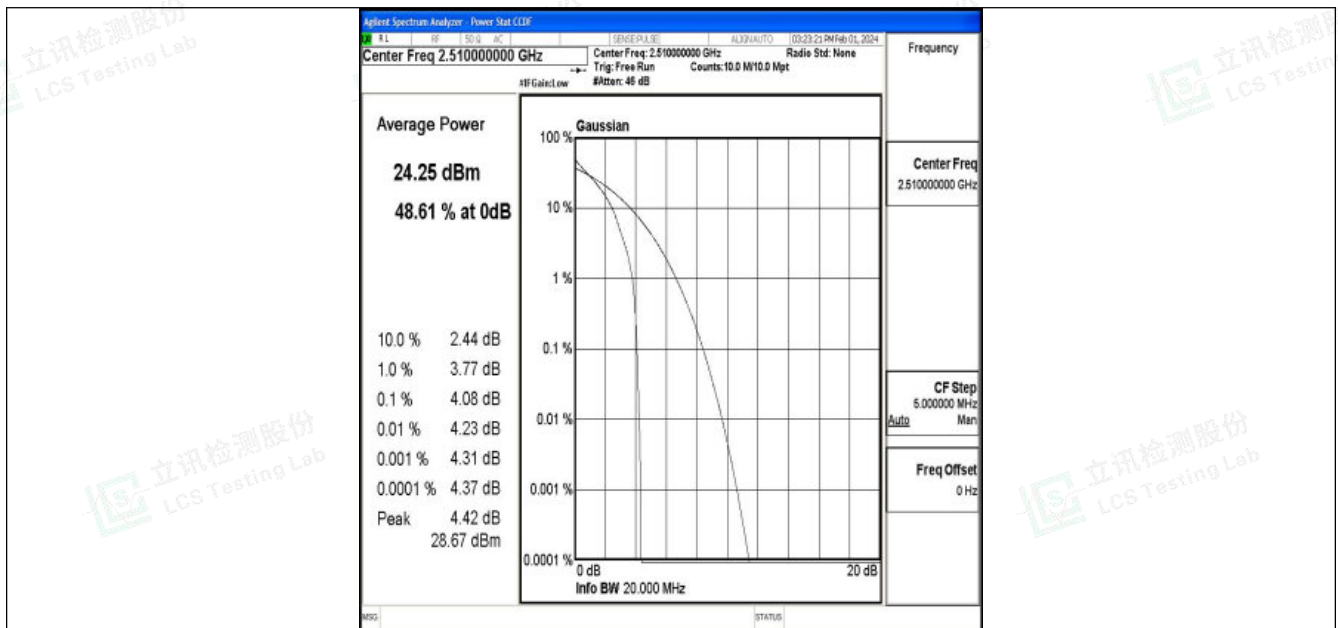




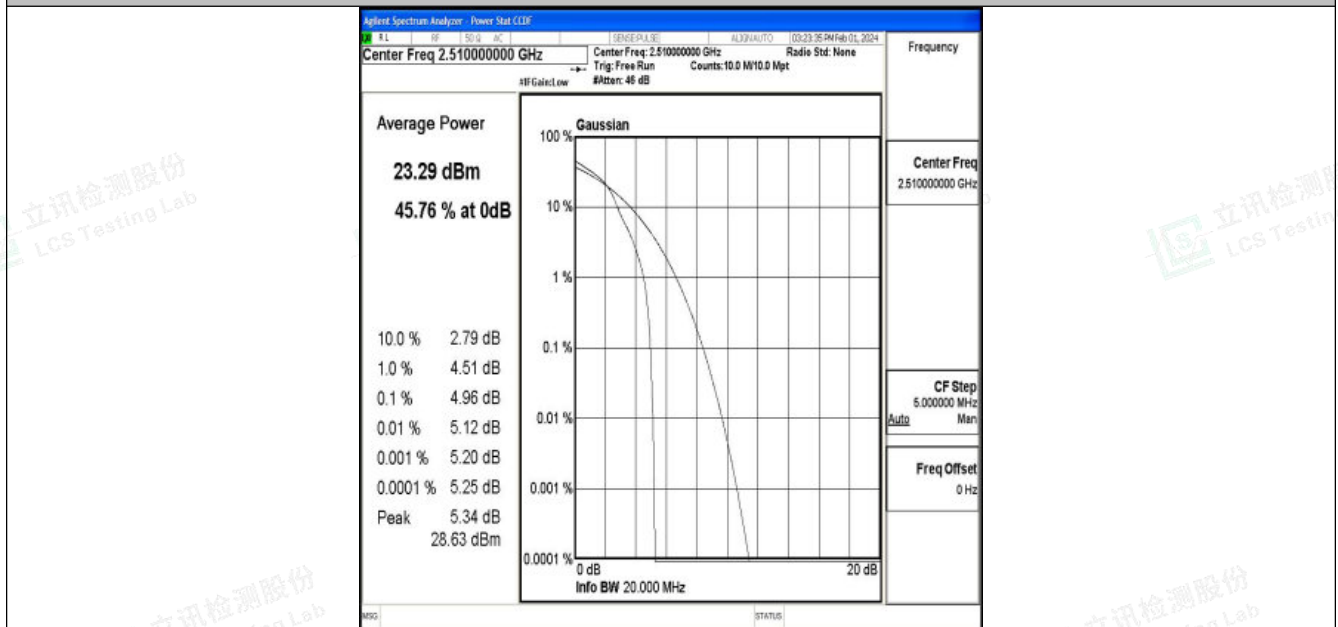






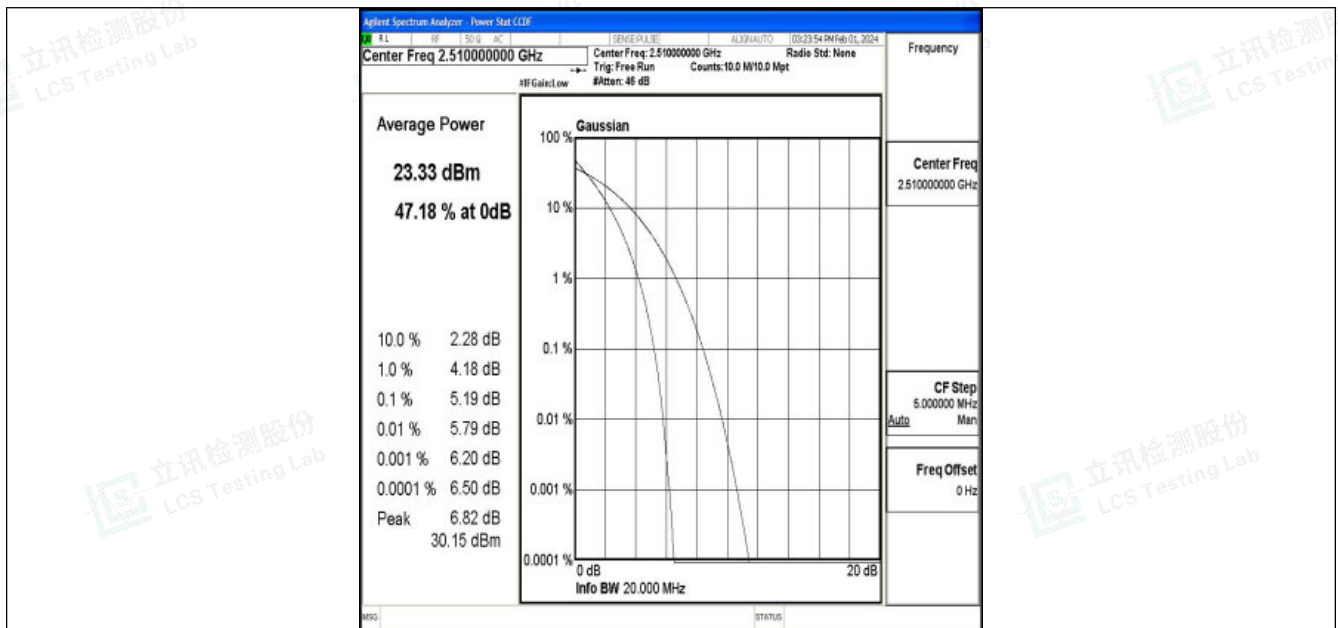


Band7-20MHz-QPSK-20850-1RB#0-PASS

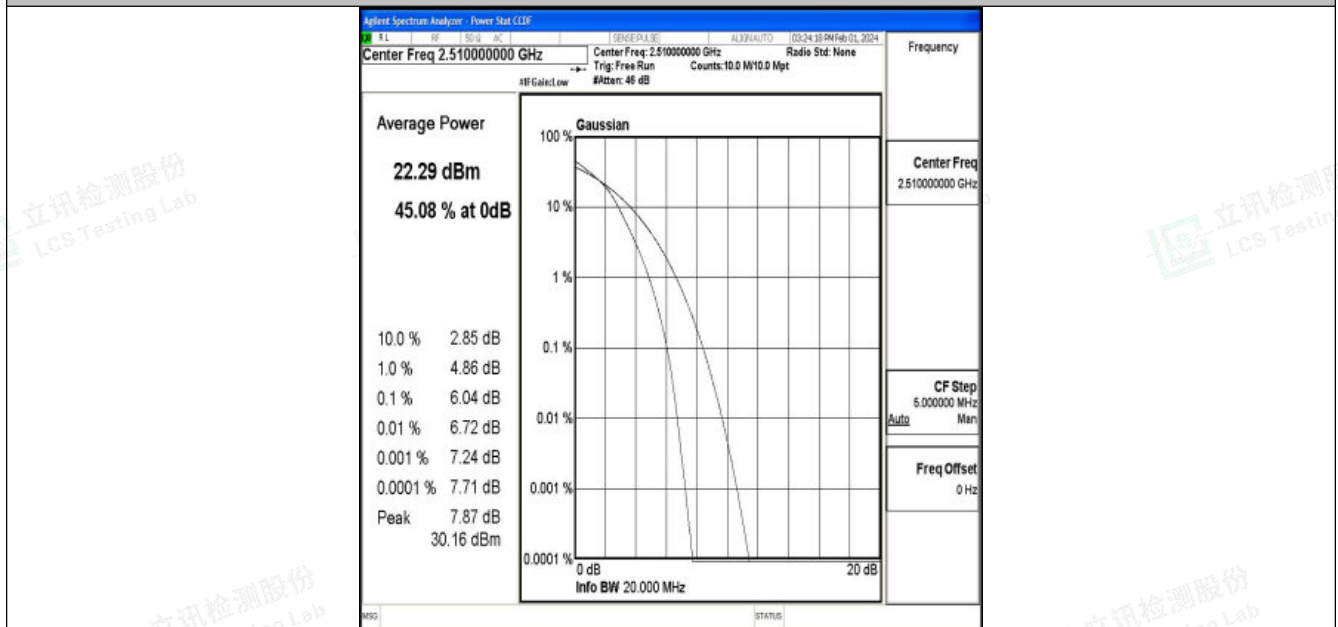


Band7-20MHz-16QAM-20850-1RB#0-PASS



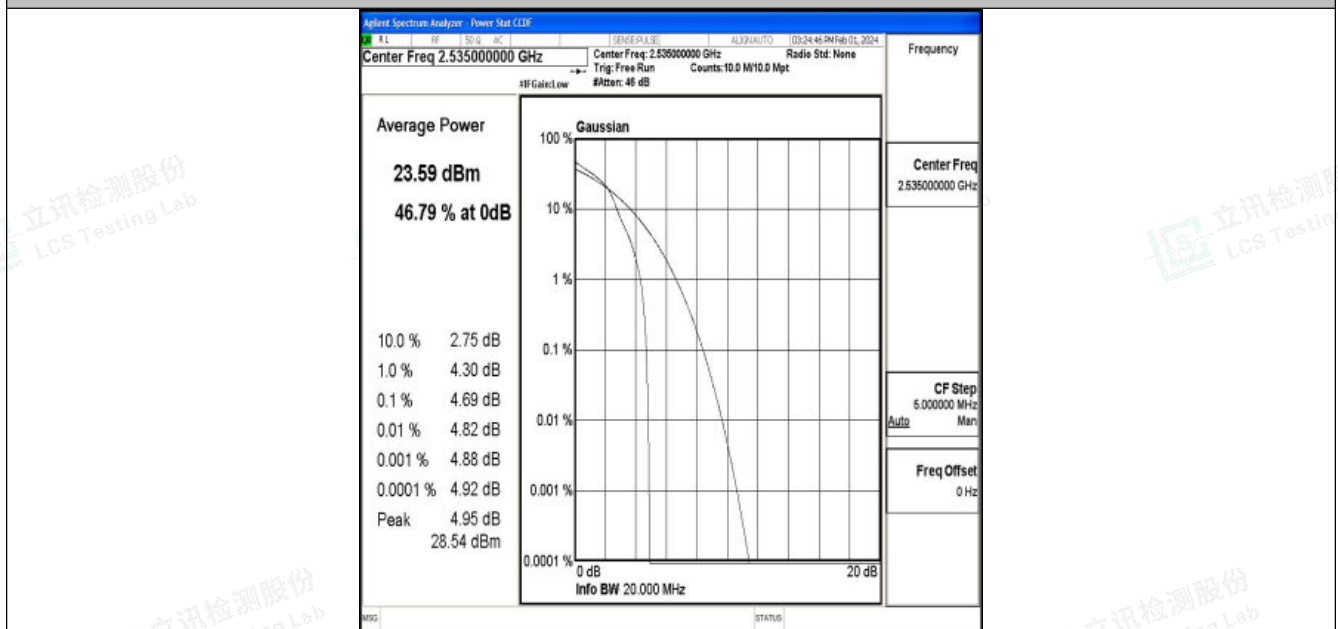
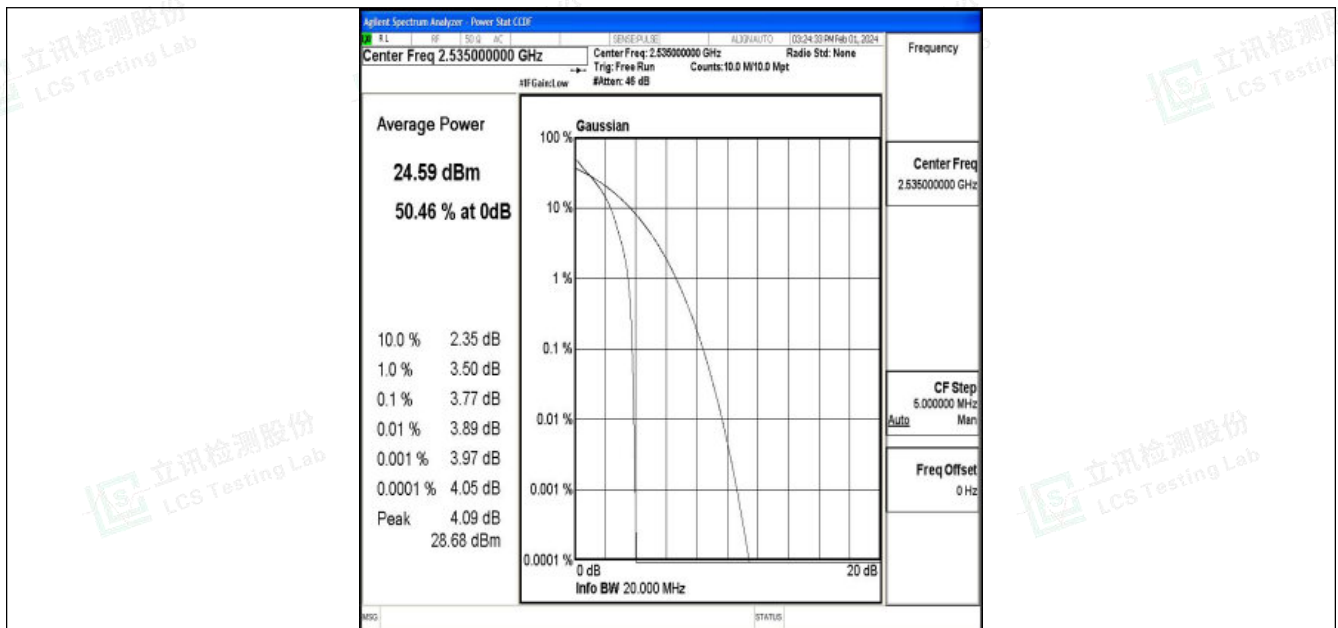


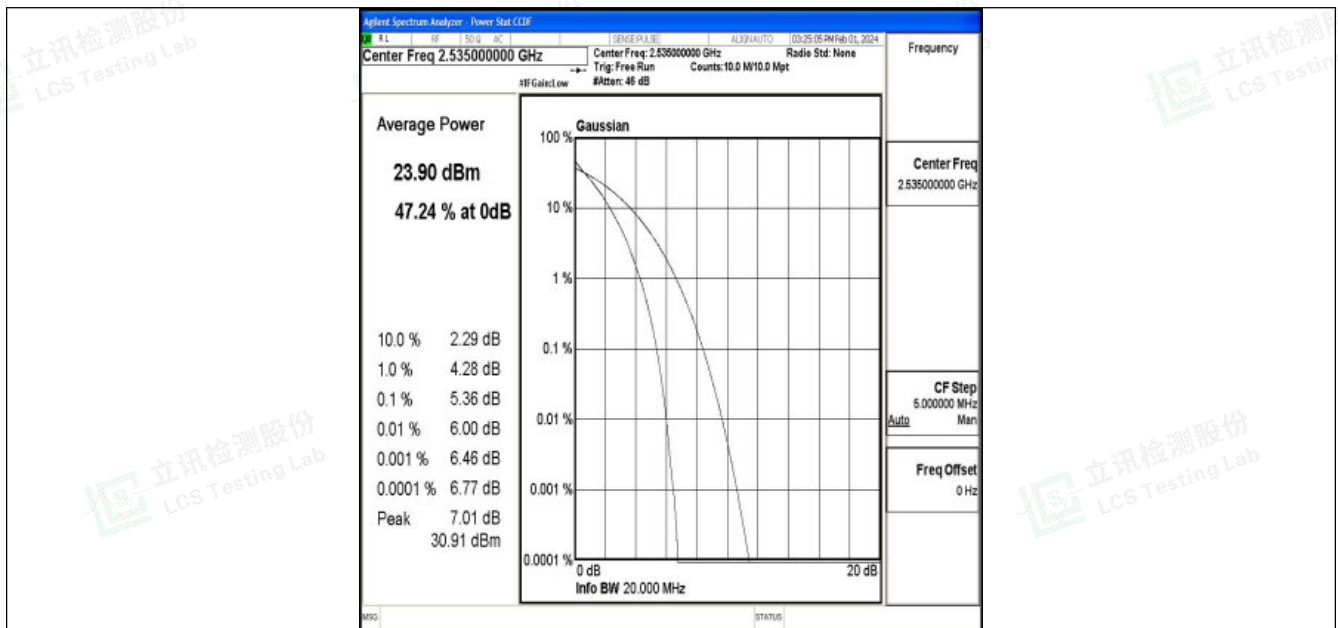
Band7-20MHz-QPSK-20850-100RB#0-PASS



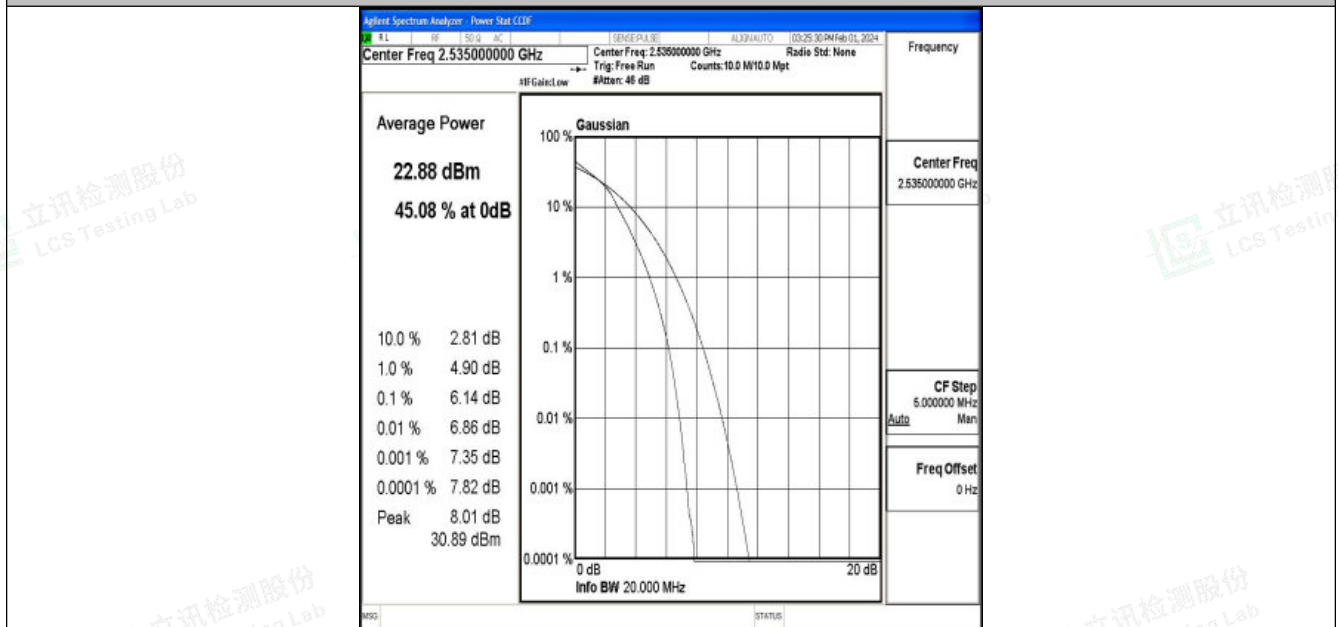
Band7-20MHz-16QAM-20850-100RB#0-PASS





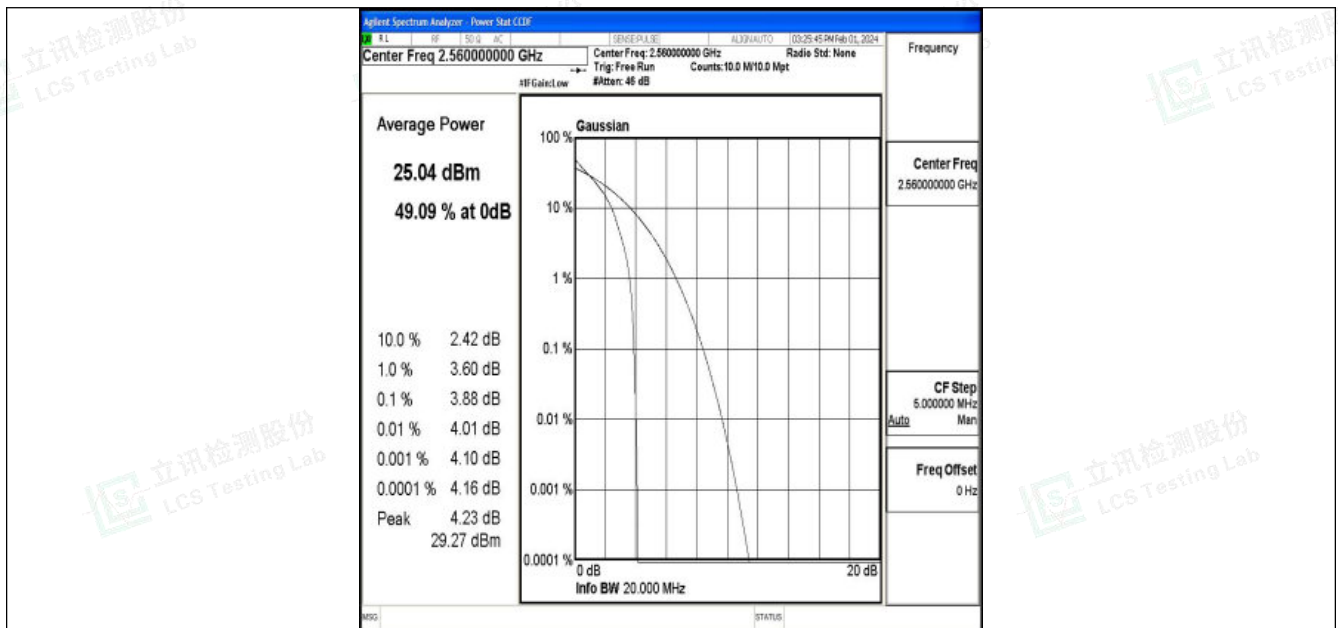


Band7-20MHz-QPSK-21100-100RB#0-PASS

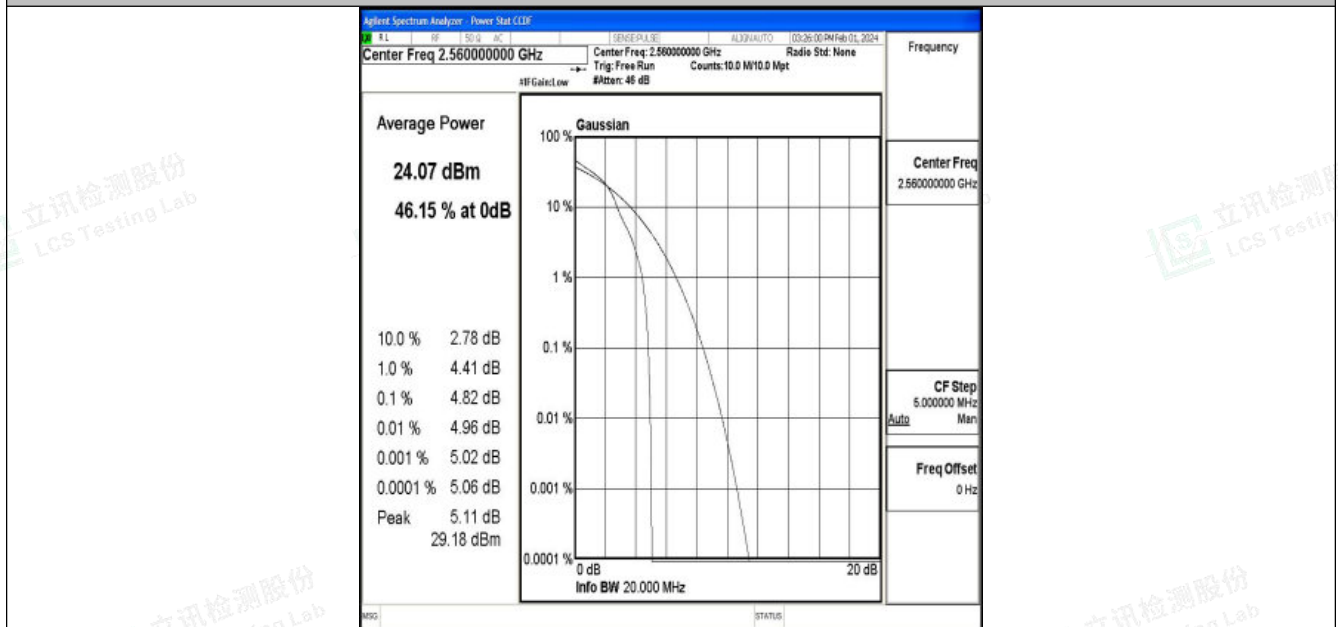


Band7-20MHz-16QAM-21100-100RB#0-PASS



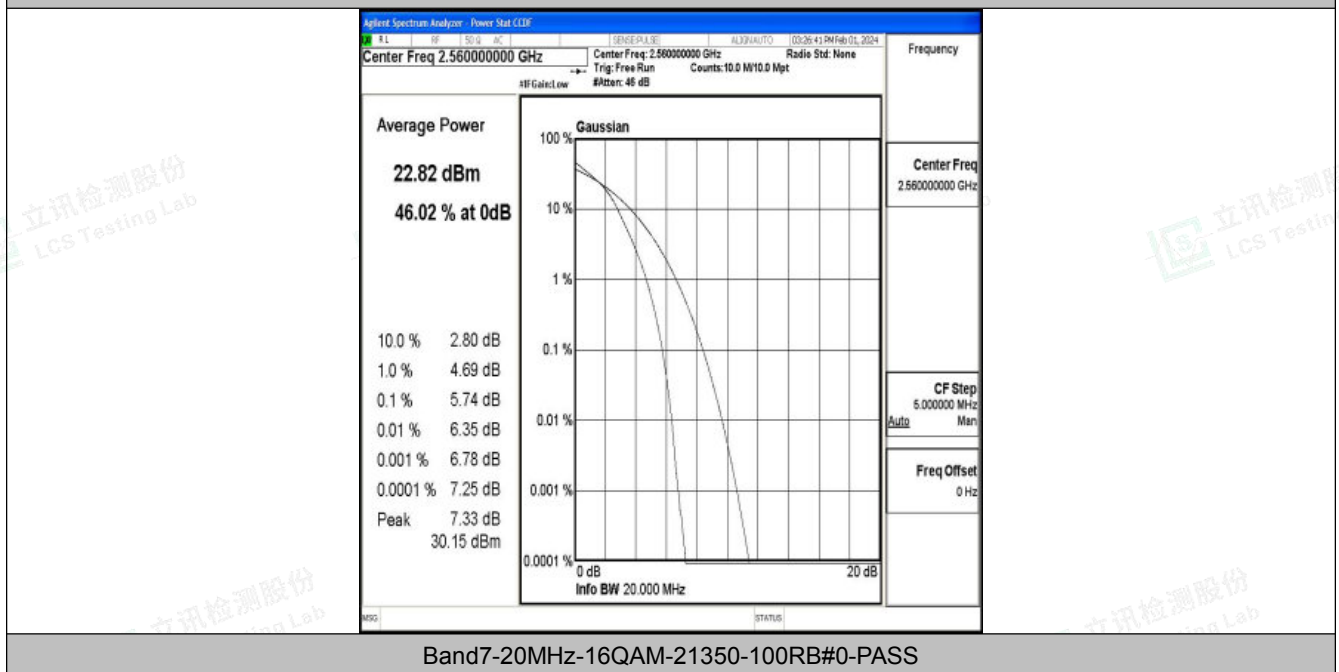
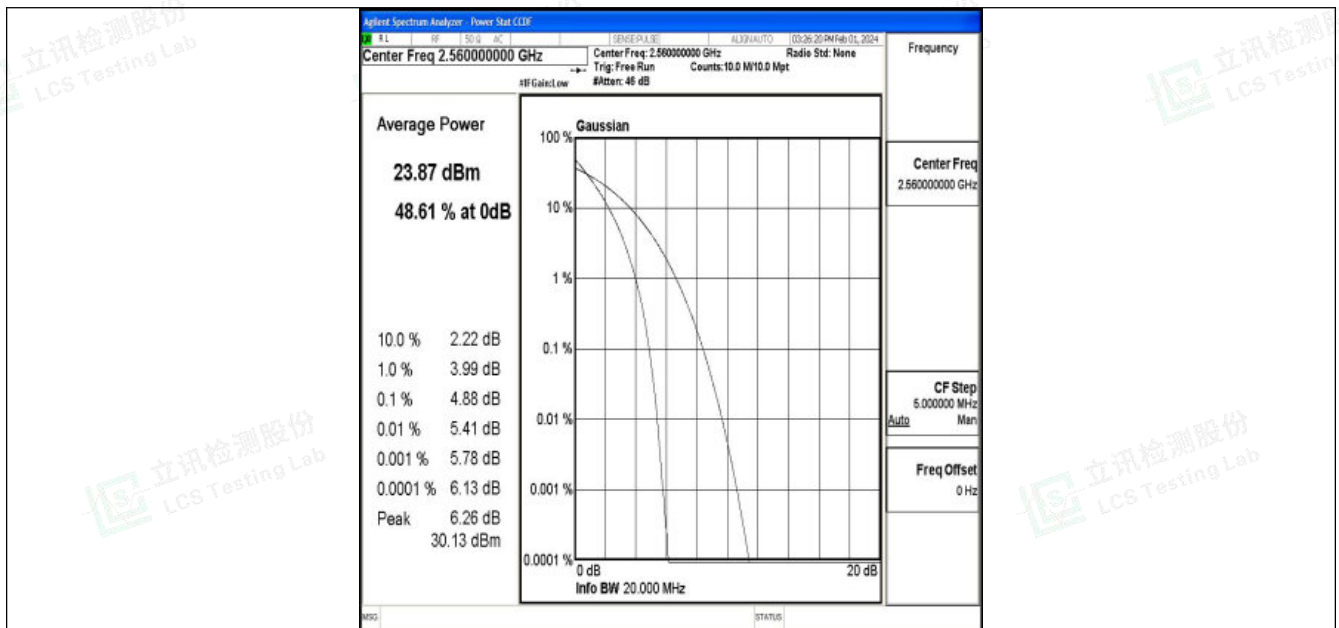


Band7-20MHz-QPSK-21350-1RB#0-PASS



Band7-20MHz-16QAM-21350-1RB#0-PASS







E.3 26dB Bandwidth and Occupied Bandwidth

Test Result

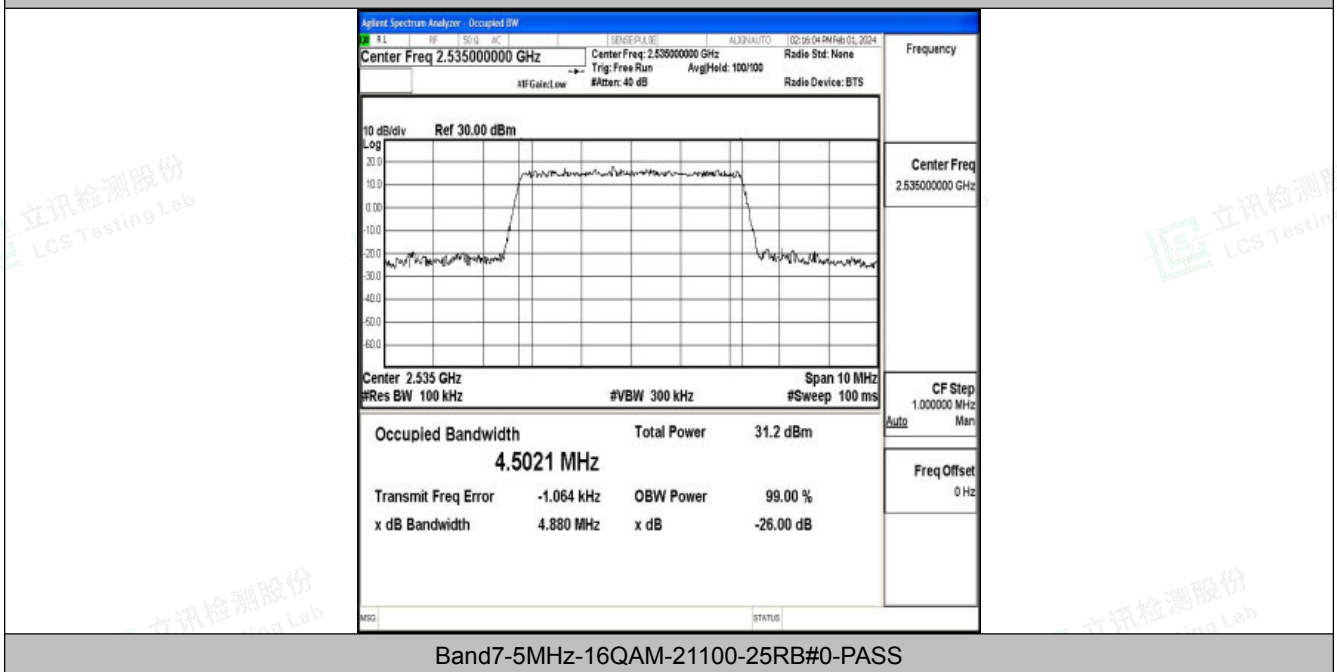
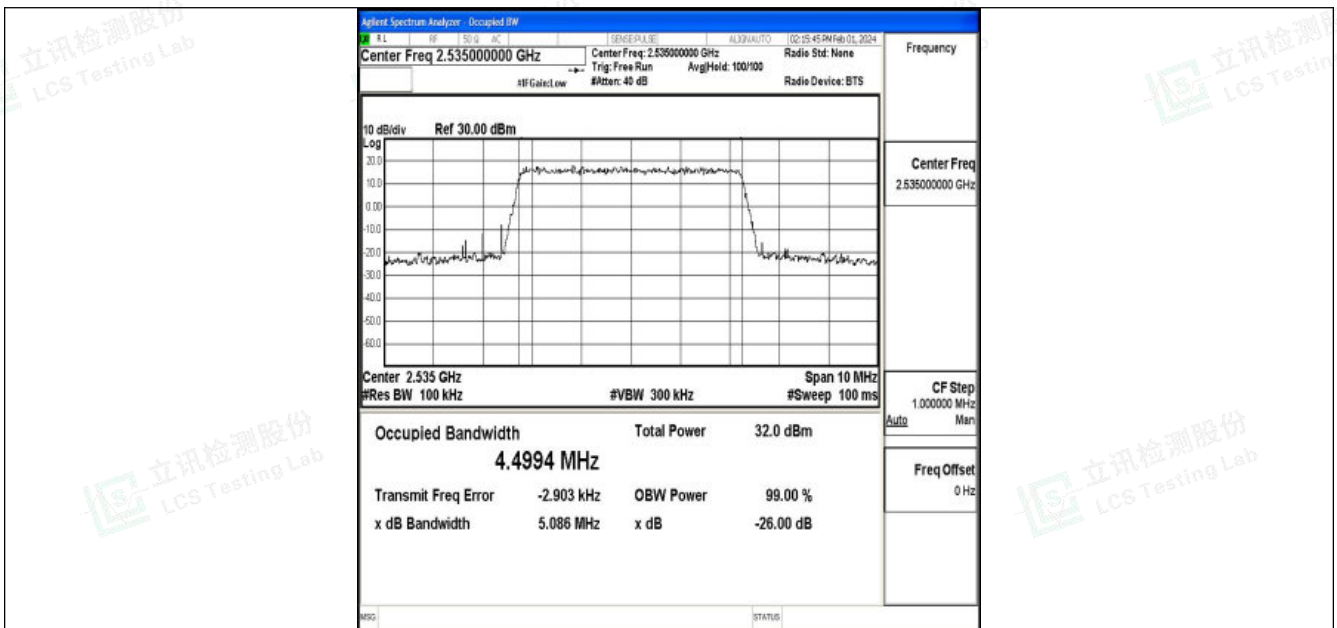
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4993	4.920	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4994	4.896	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4994	5.086	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5021	4.880	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5031	4.925	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5162	4.927	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9837	9.779	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9756	9.711	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9783	9.780	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9824	9.750	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9929	9.765	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9732	9.737	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.461	14.61	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.472	14.63	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.477	14.62	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.493	14.60	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.428	14.64	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.456	14.52	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.949	19.32	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.939	19.26	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.940	19.32	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.961	19.37	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.877	19.35	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.908	19.27	PASS

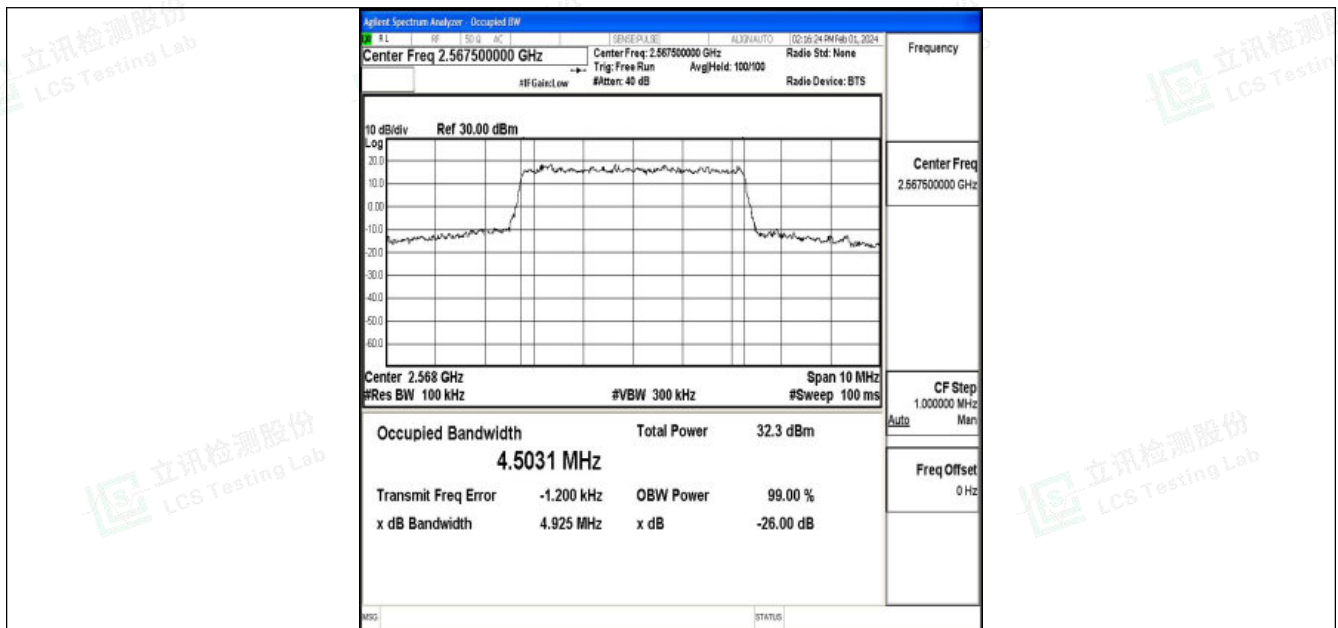




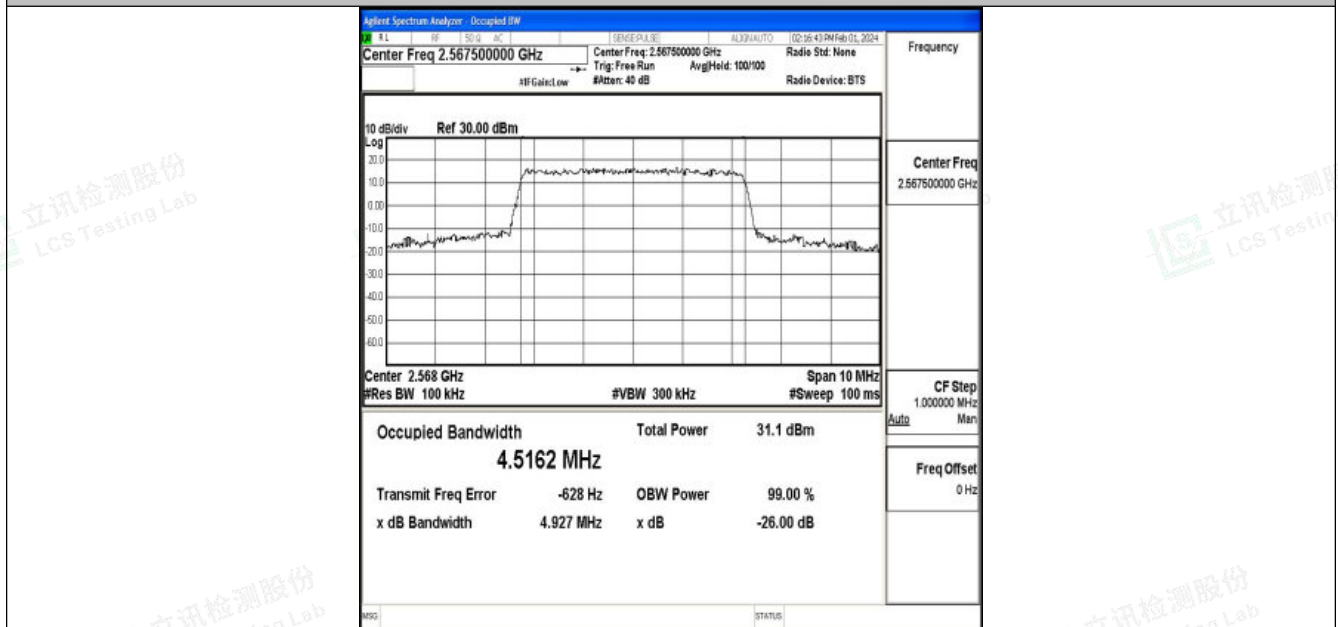
Test Graphs





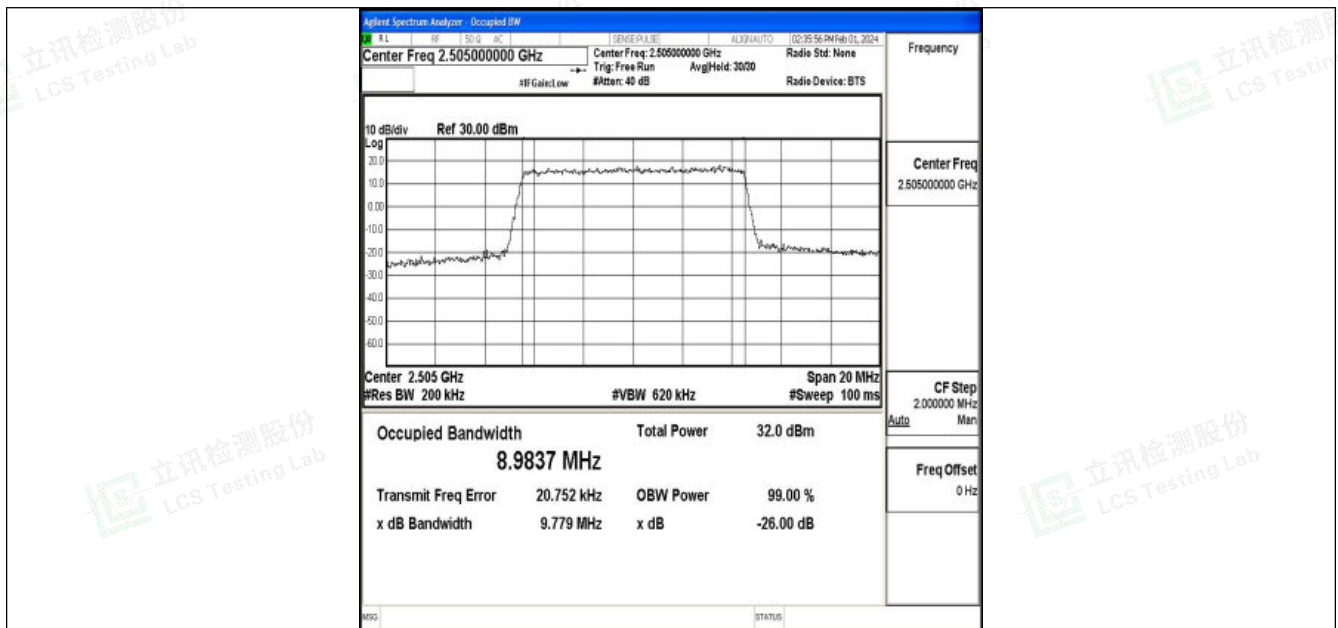


Band7-5MHz-QPSK-21425-25RB#0-PASS

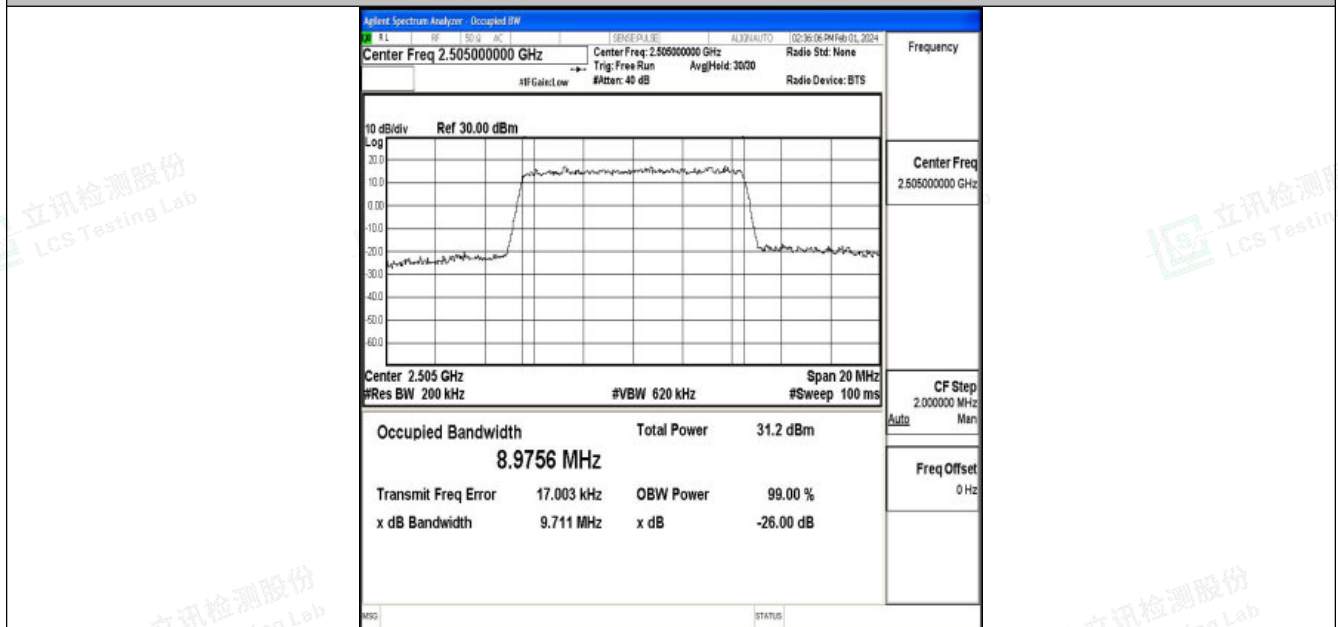


Band7-5MHz-16QAM-21425-25RB#0-PASS



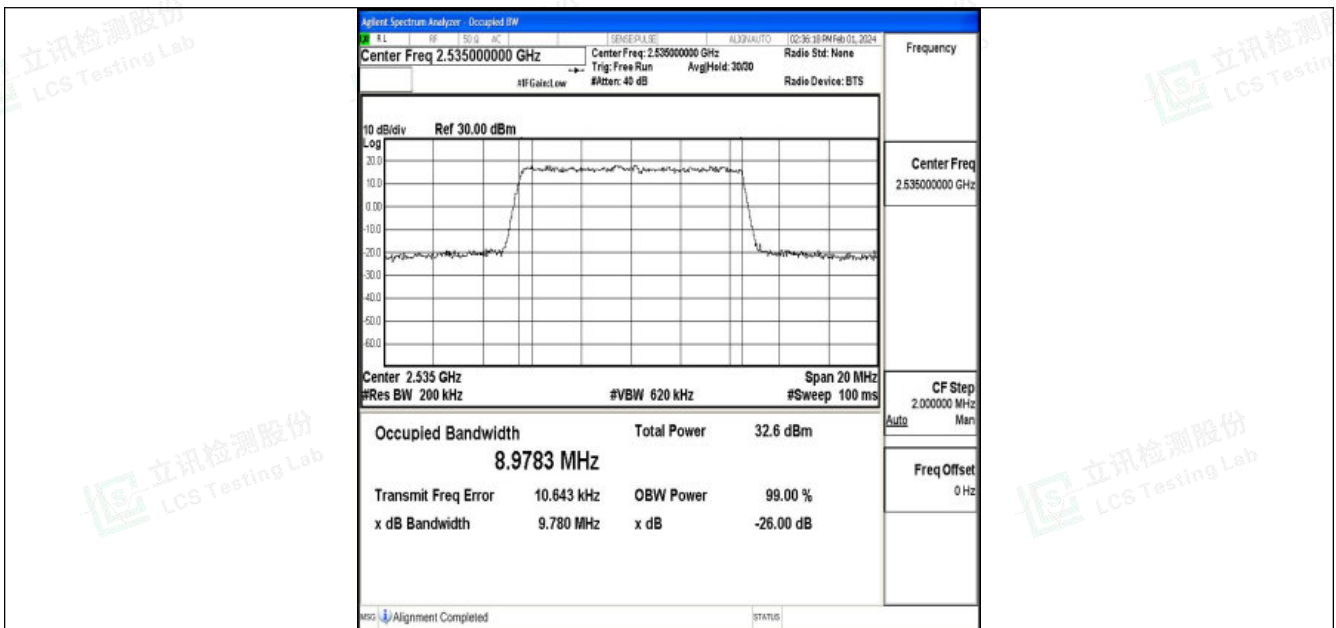


Band7-10MHz-QPSK-20800-50RB#0-PASS

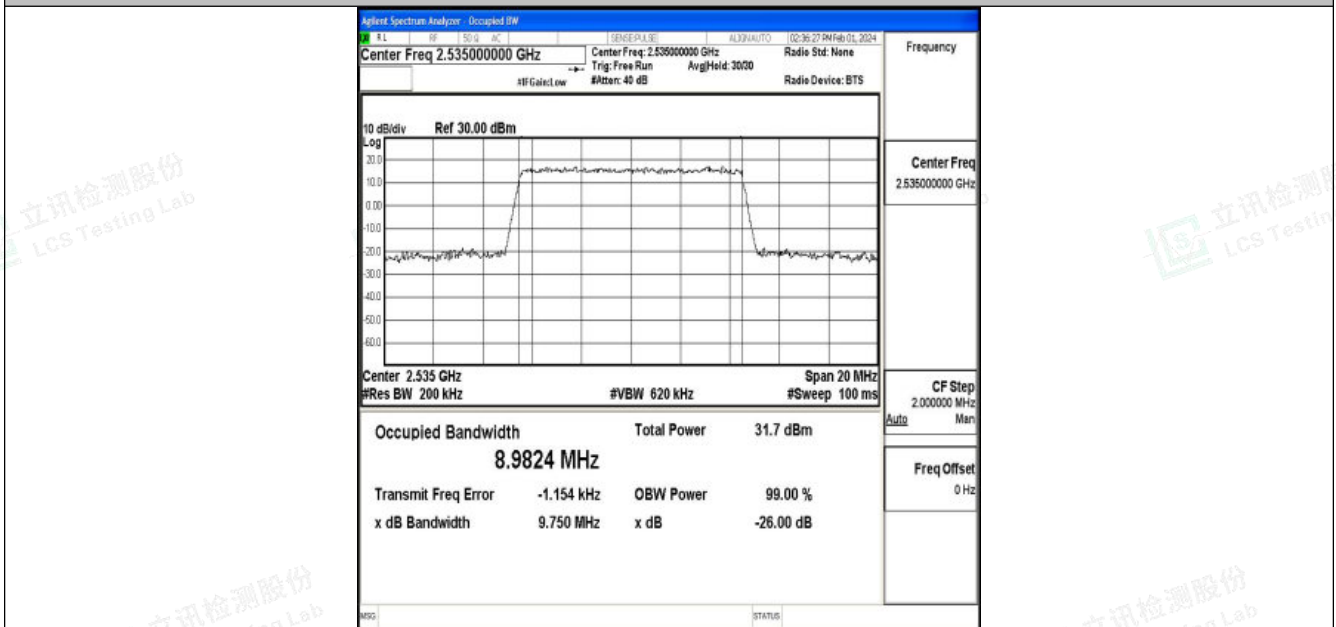


Band7-10MHz-16QAM-20800-50RB#0-PASS



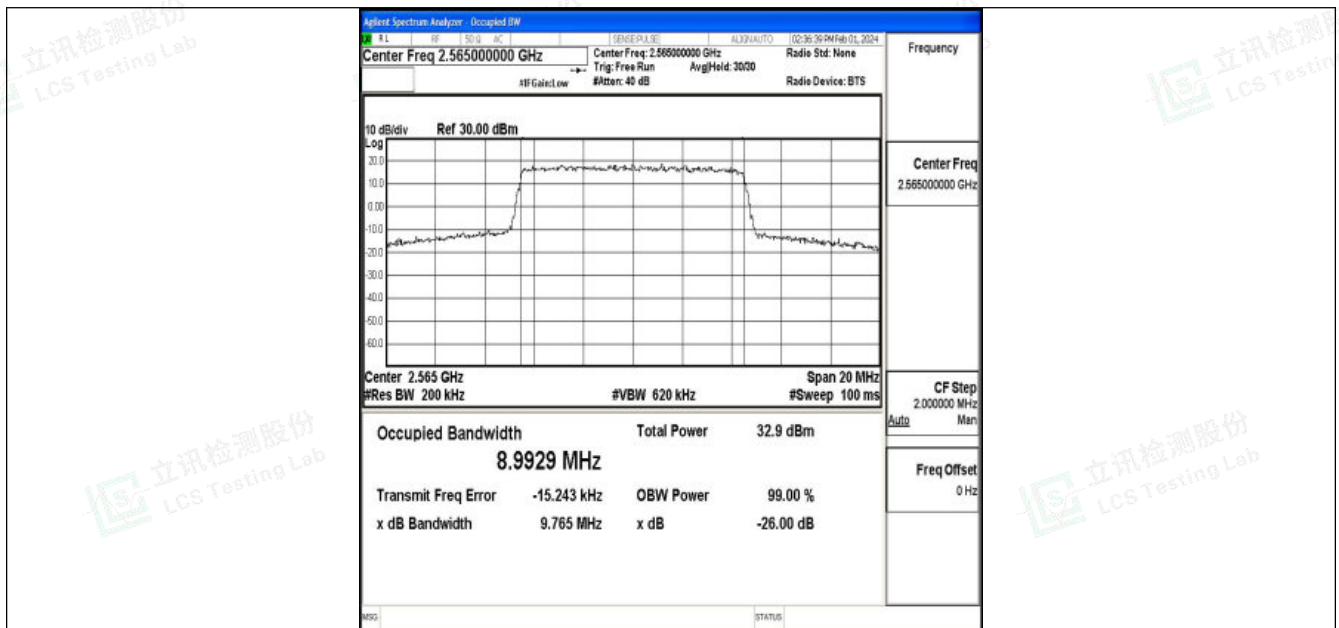


Band7-10MHz-QPSK-21100-50RB#0-PASS

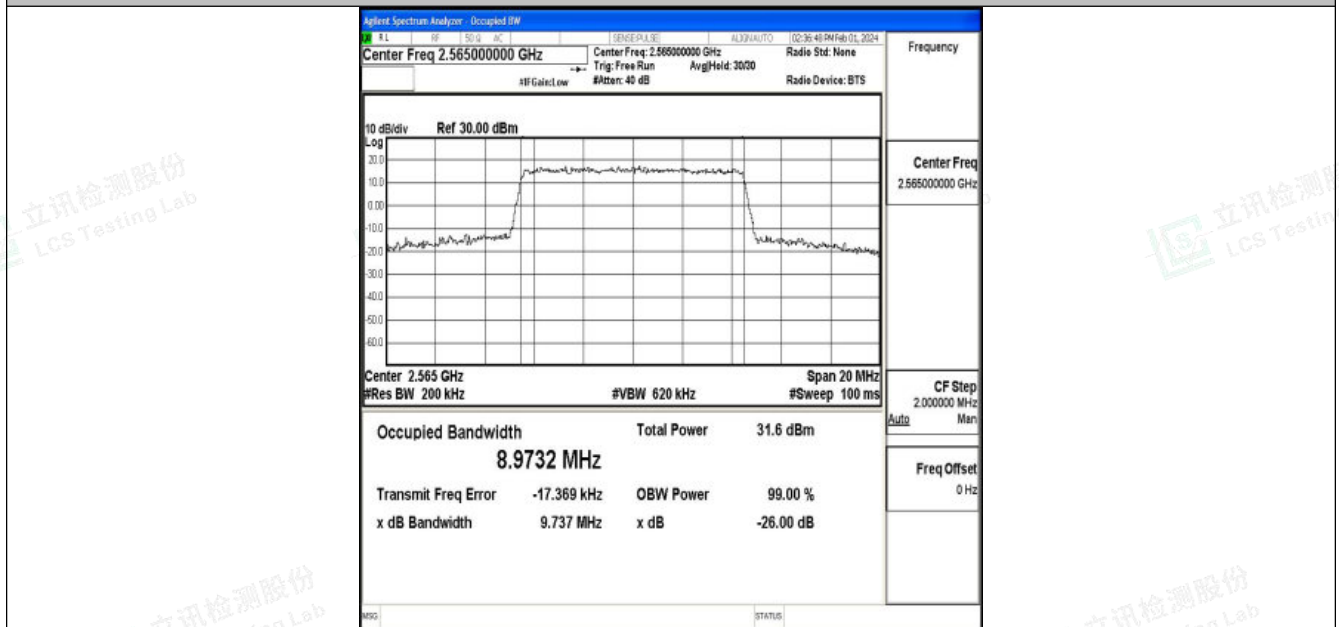


Band7-10MHz-16QAM-21100-50RB#0-PASS



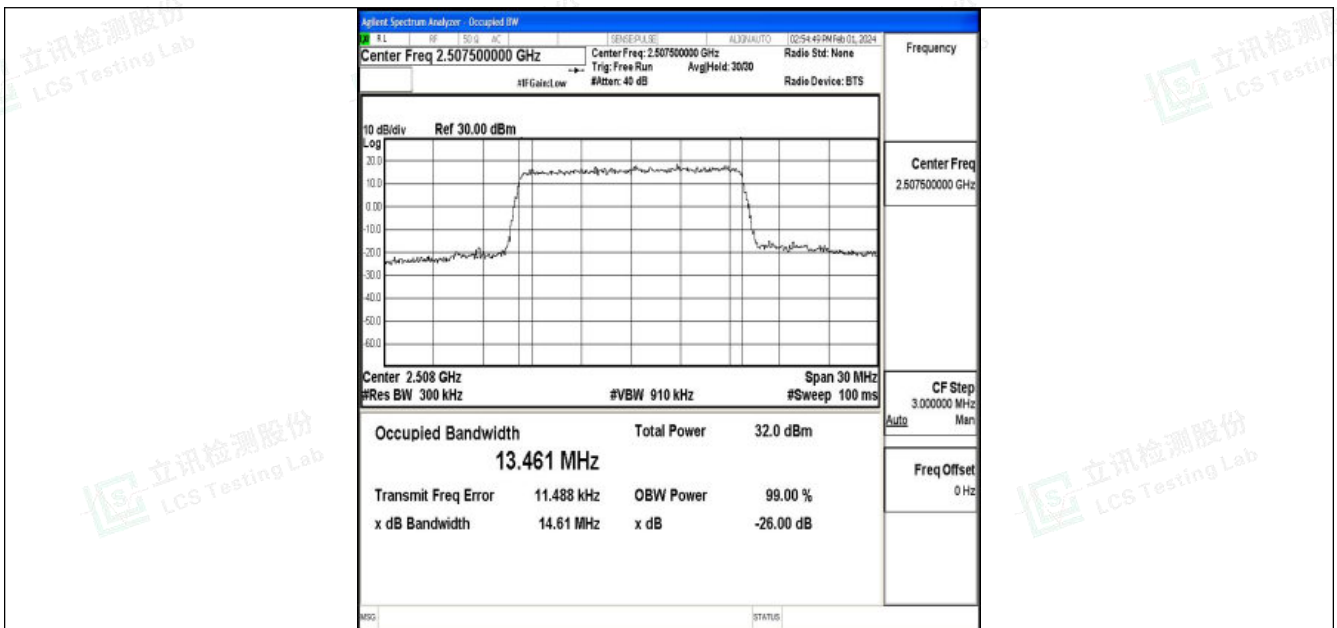


Band7-10MHz-QPSK-21400-50RB#0-PASS

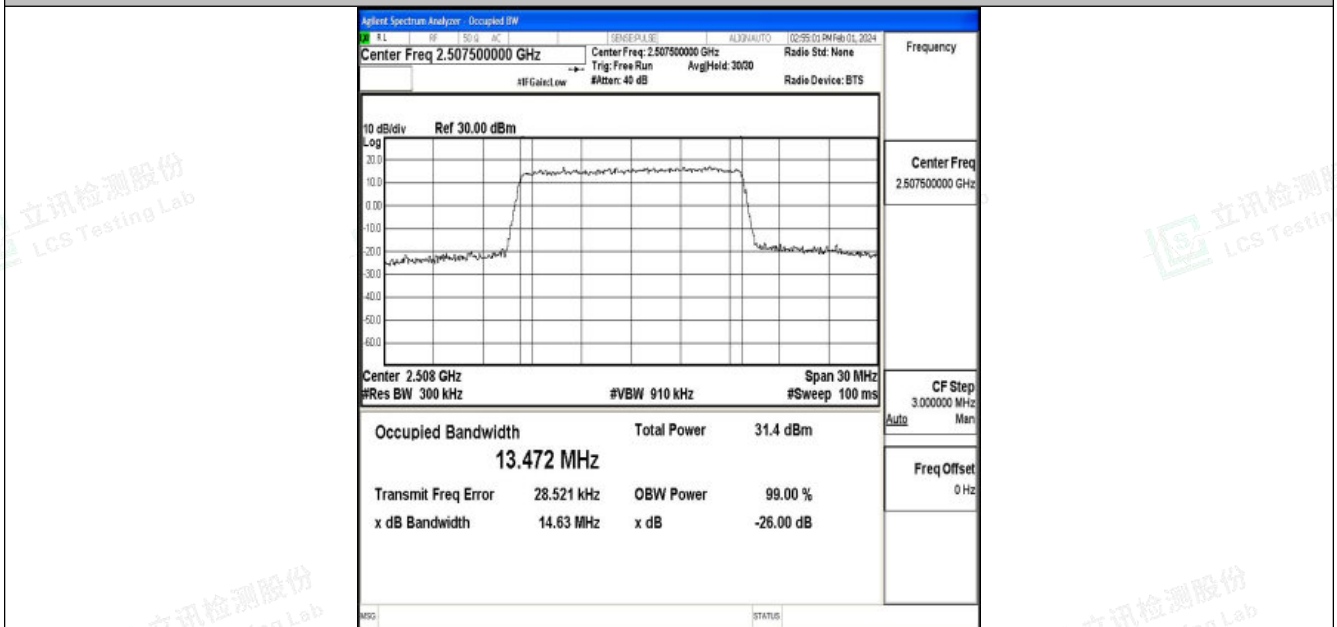


Band7-10MHz-16QAM-21400-50RB#0-PASS



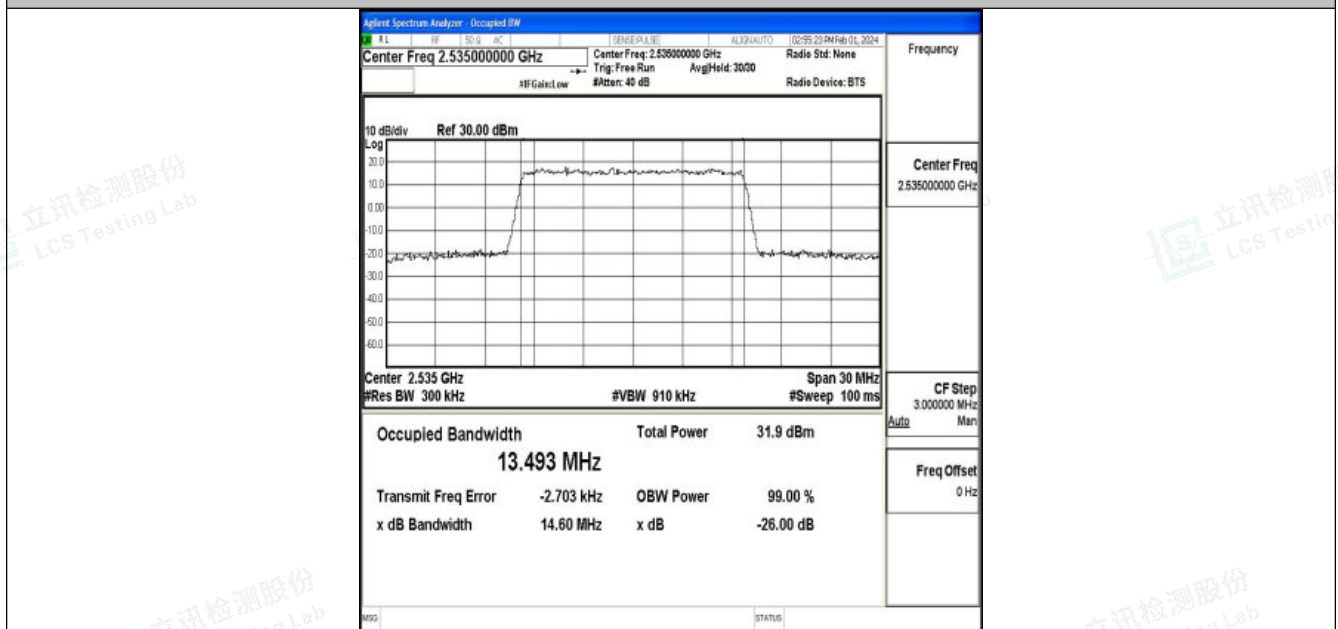
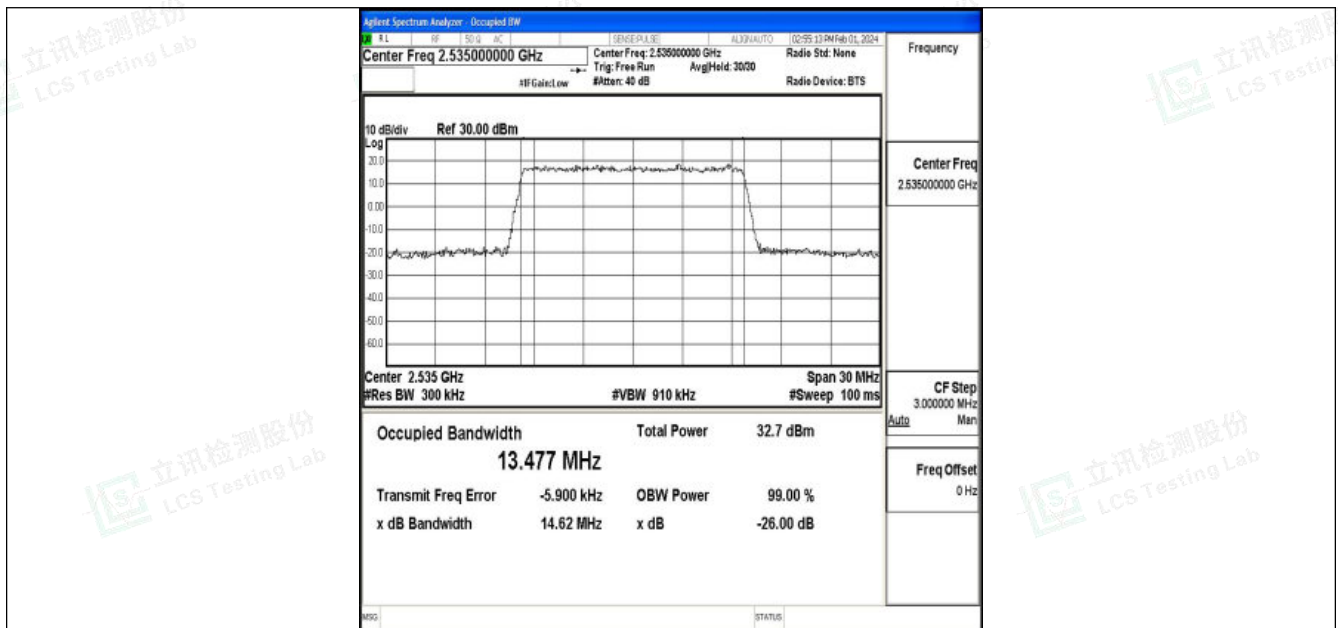


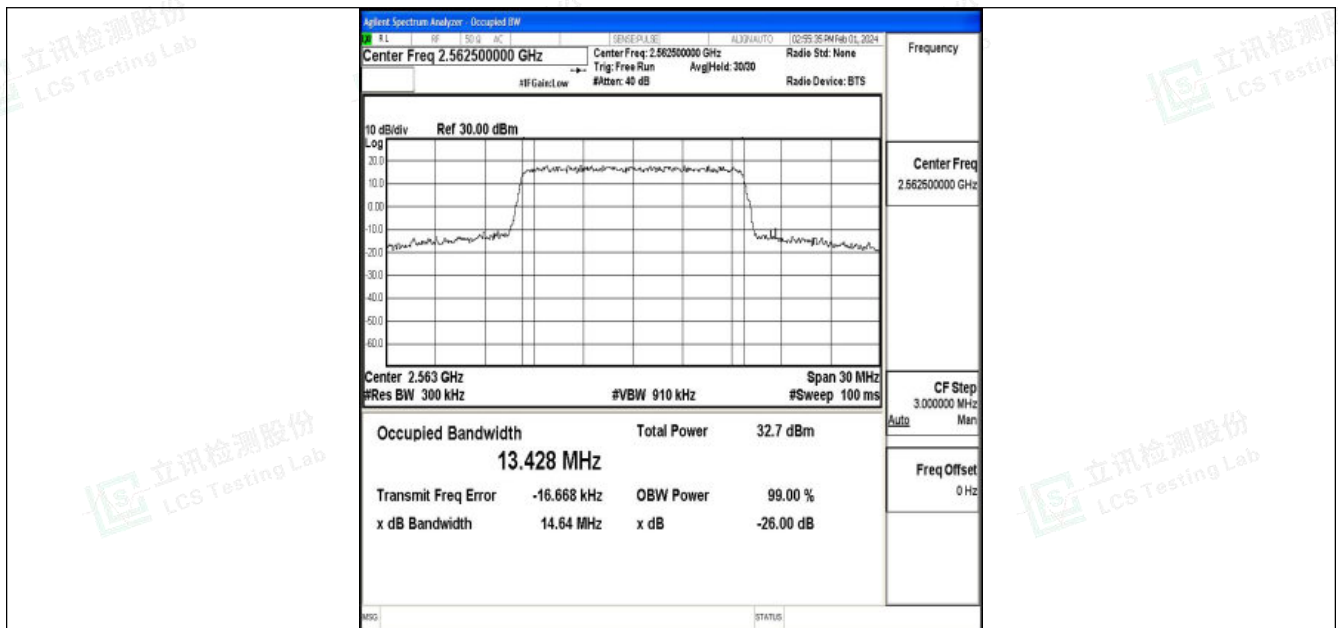
Band7-15MHz-QPSK-20825-75RB#0-PASS



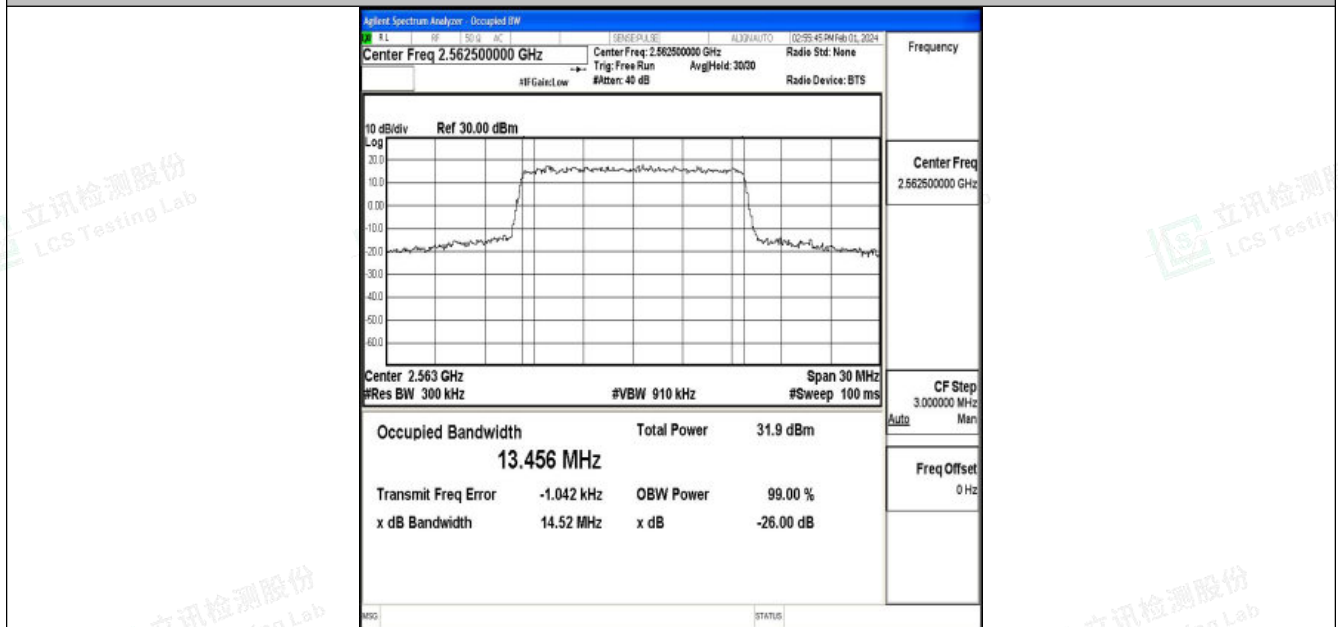
Band7-15MHz-16QAM-20825-75RB#0-PASS





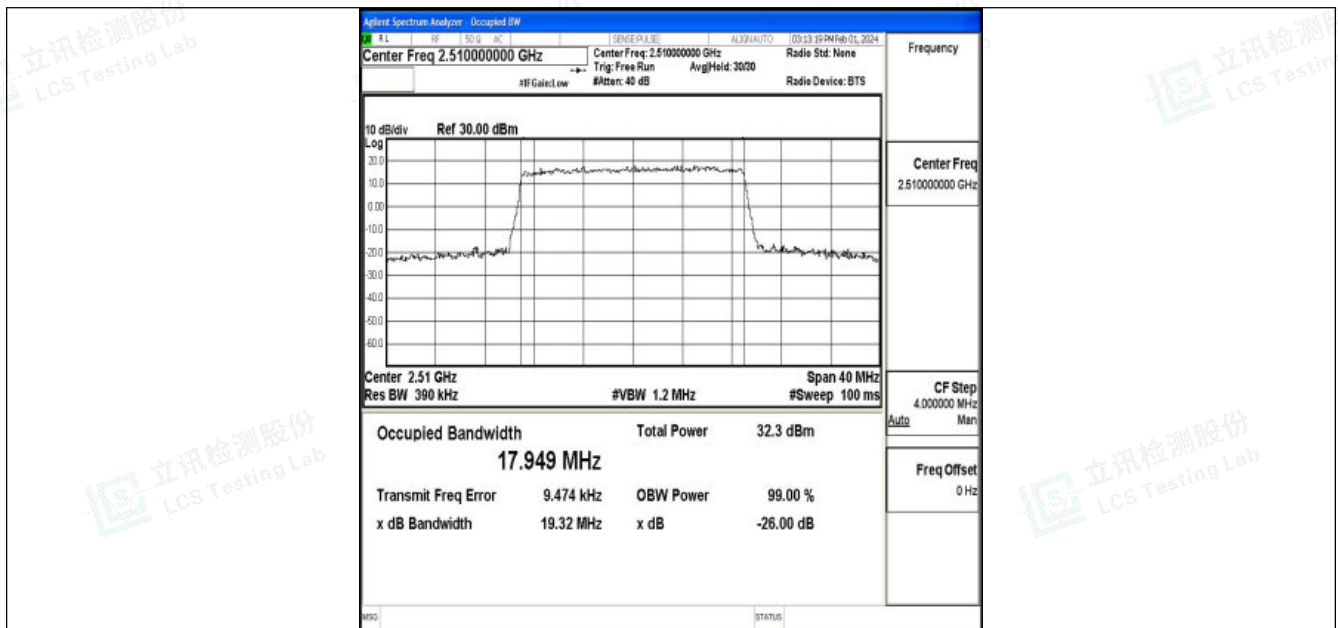


Band7-15MHz-QPSK-21375-75RB#0-PASS

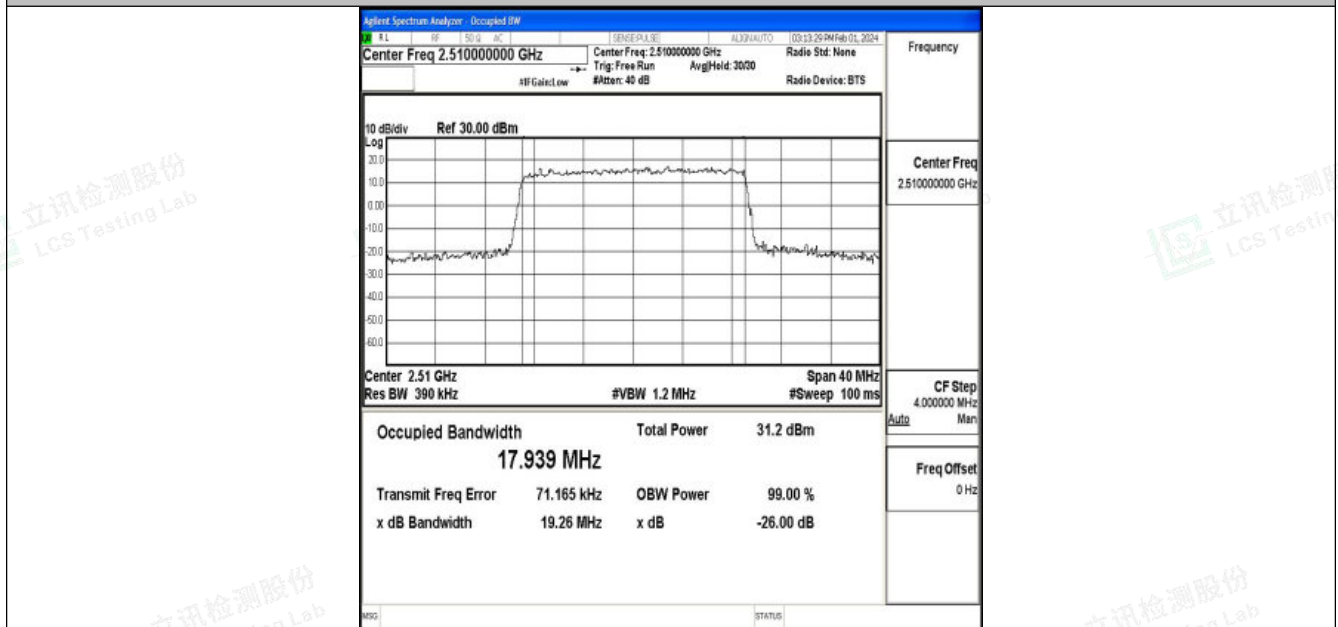


Band7-15MHz-16QAM-21375-75RB#0-PASS



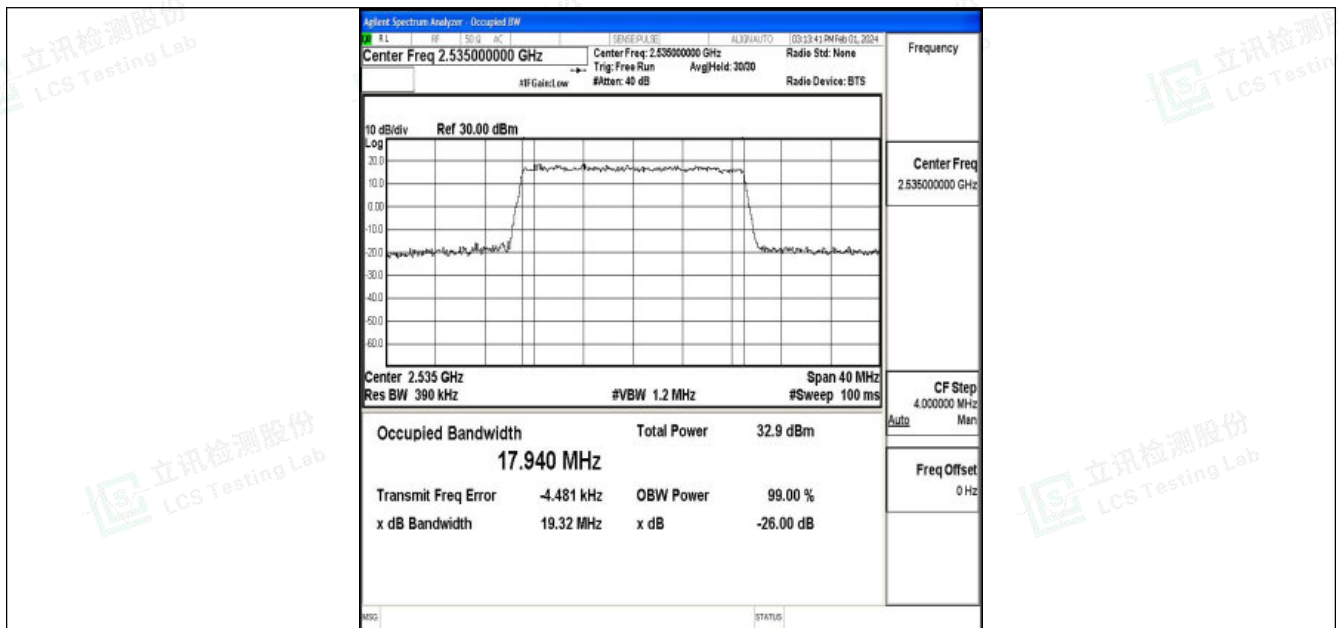


Band7-20MHz-QPSK-20850-100RB#0-PASS

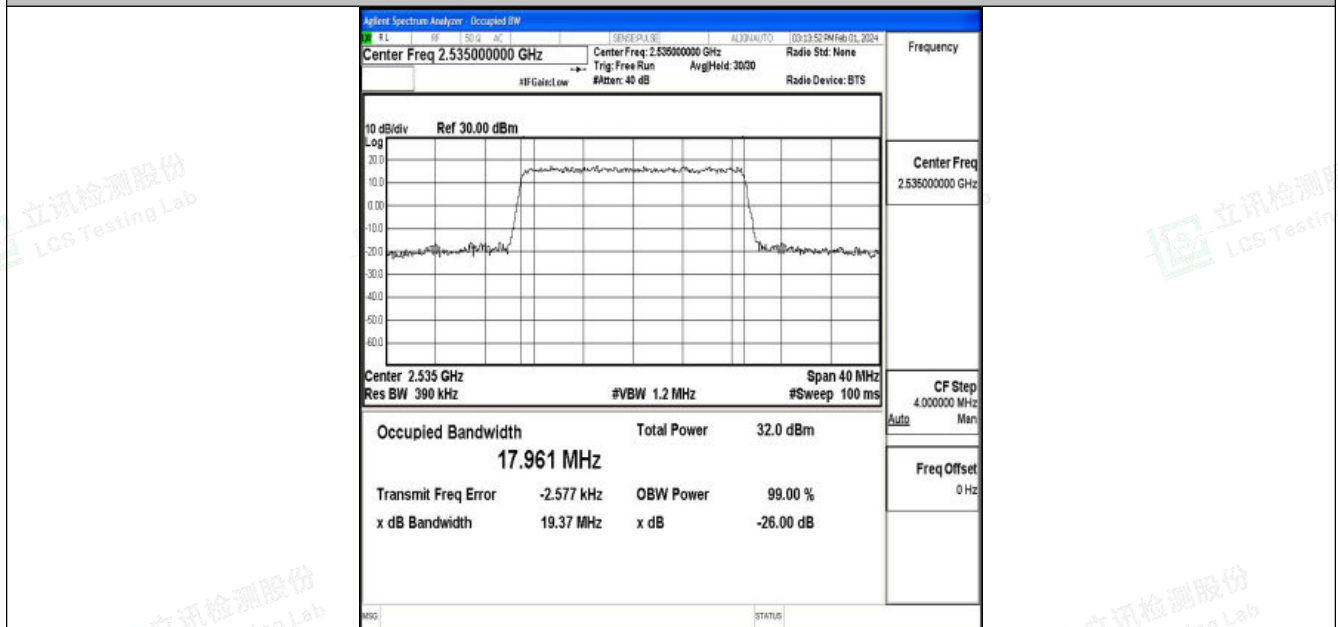


Band7-20MHz-16QAM-20850-100RB#0-PASS



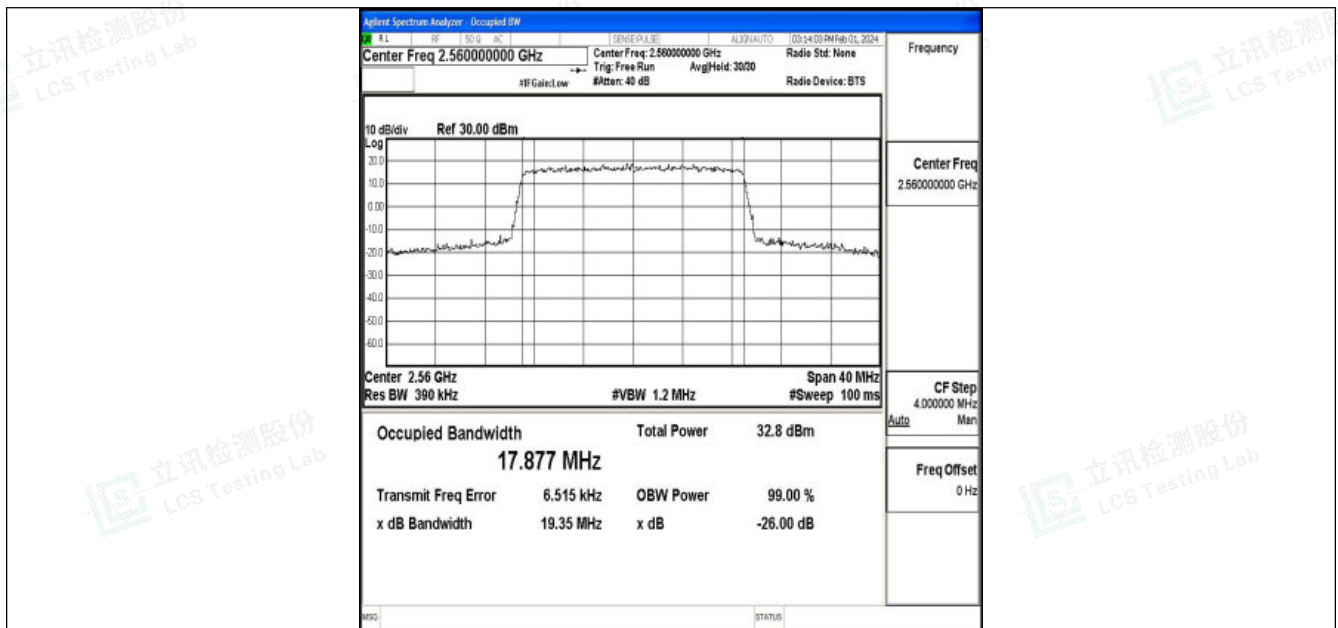


Band7-20MHz-QPSK-21100-100RB#0-PASS

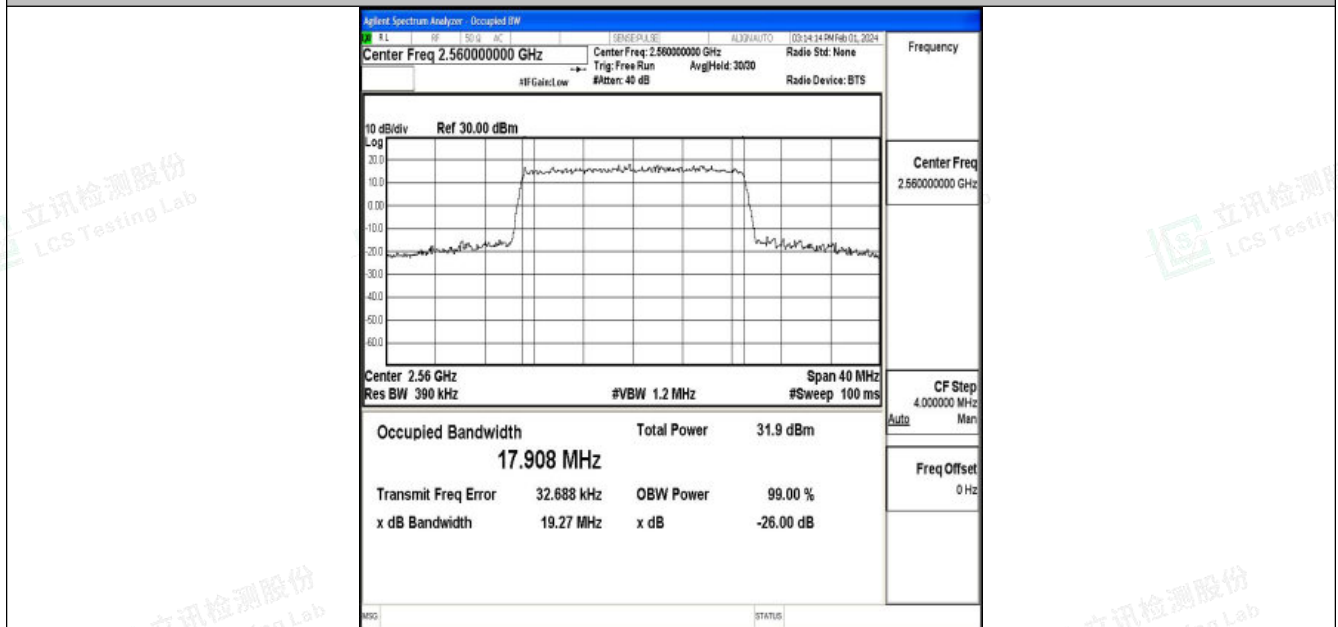


Band7-20MHz-16QAM-21100-100RB#0-PASS





Band7-20MHz-QPSK-21350-100RB#0-PASS



Band7-20MHz-16QAM-21350-100RB#0-PASS



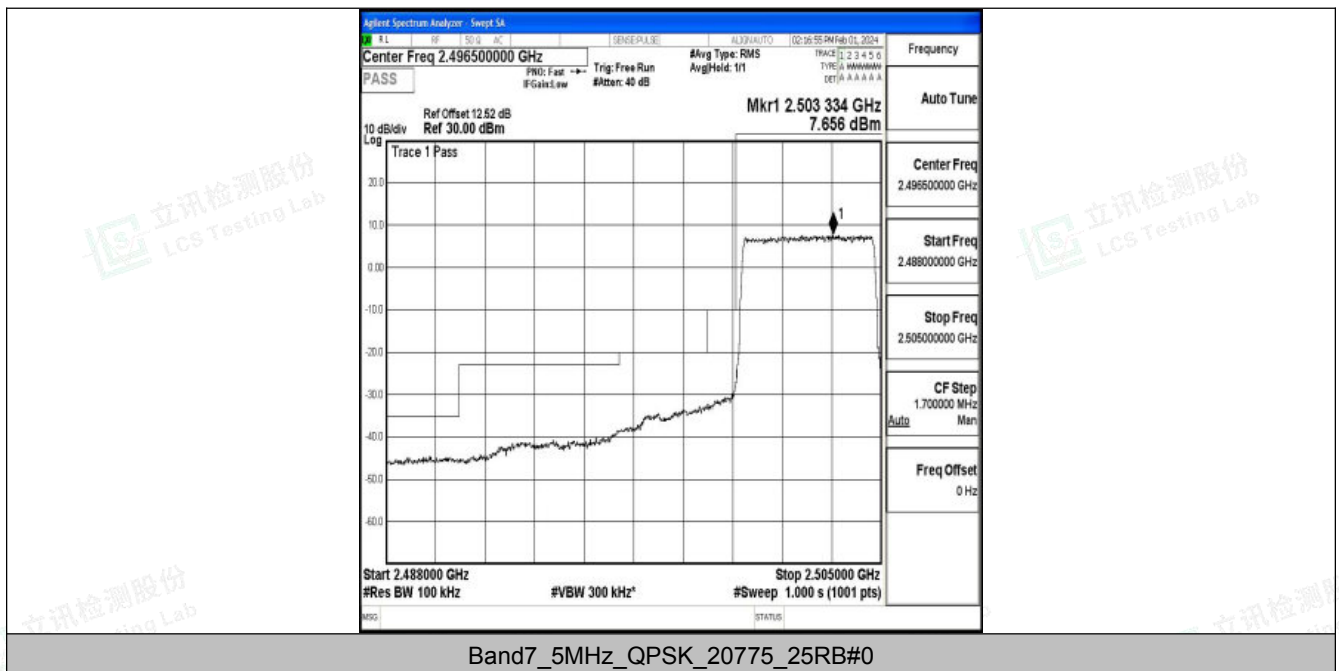


E.4 Band Edge

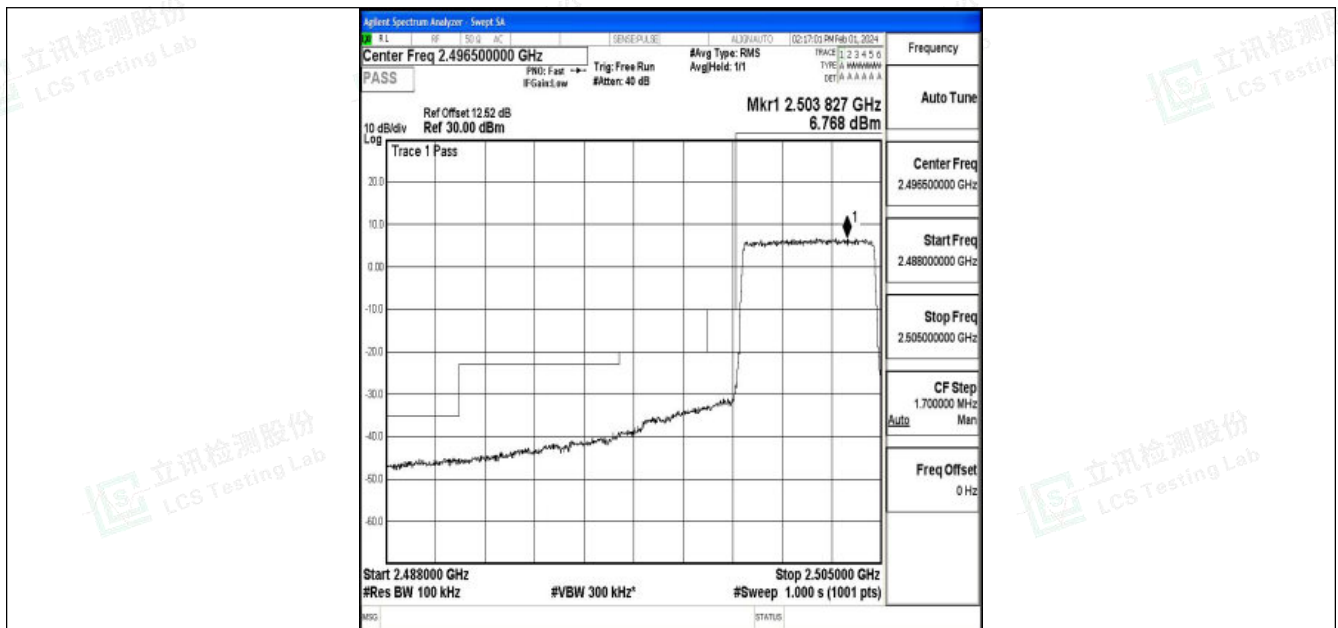
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	2489.51	-44.56	PASS
Band7	5MHz	16QAM	20775	25RB#0	2490.33	-45.01	PASS
Band7	5MHz	QPSK	21425	25RB#0	2571.15	-22.68	PASS
Band7	5MHz	16QAM	21425	25RB#0	2576.28	-40.85	PASS
Band7	10MHz	QPSK	20800	50RB#0	2489.83	-40.06	PASS
Band7	10MHz	16QAM	20800	50RB#0	2490.00	-40.02	PASS
Band7	10MHz	QPSK	21400	50RB#0	2571.23	-23.56	PASS
Band7	10MHz	16QAM	21400	50RB#0	2580.18	-40.19	PASS
Band7	15MHz	QPSK	20825	75RB#0	2483.64	-38.97	PASS
Band7	15MHz	16QAM	20825	75RB#0	2483.64	-39.29	PASS
Band7	15MHz	QPSK	21375	75RB#0	2575.37	-25.37	PASS
Band7	15MHz	16QAM	21375	75RB#0	2585.31	-40.42	PASS
Band7	20MHz	QPSK	20850	100RB#0	2479.82	-40.14	PASS
Band7	20MHz	16QAM	20850	100RB#0	2479.91	-40.37	PASS
Band7	20MHz	QPSK	21350	100RB#0	2575.52	-28.49	PASS
Band7	20MHz	16QAM	21350	100RB#0	2590.28	-40.44	PASS

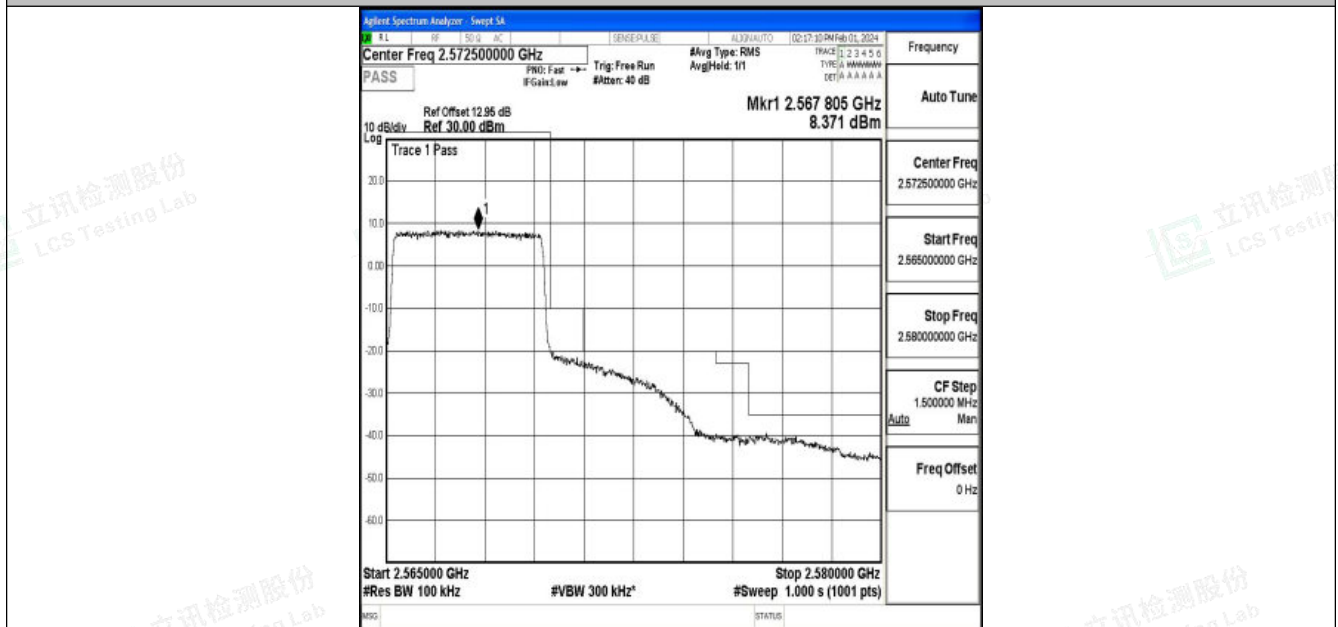
Test Graphs



Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 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

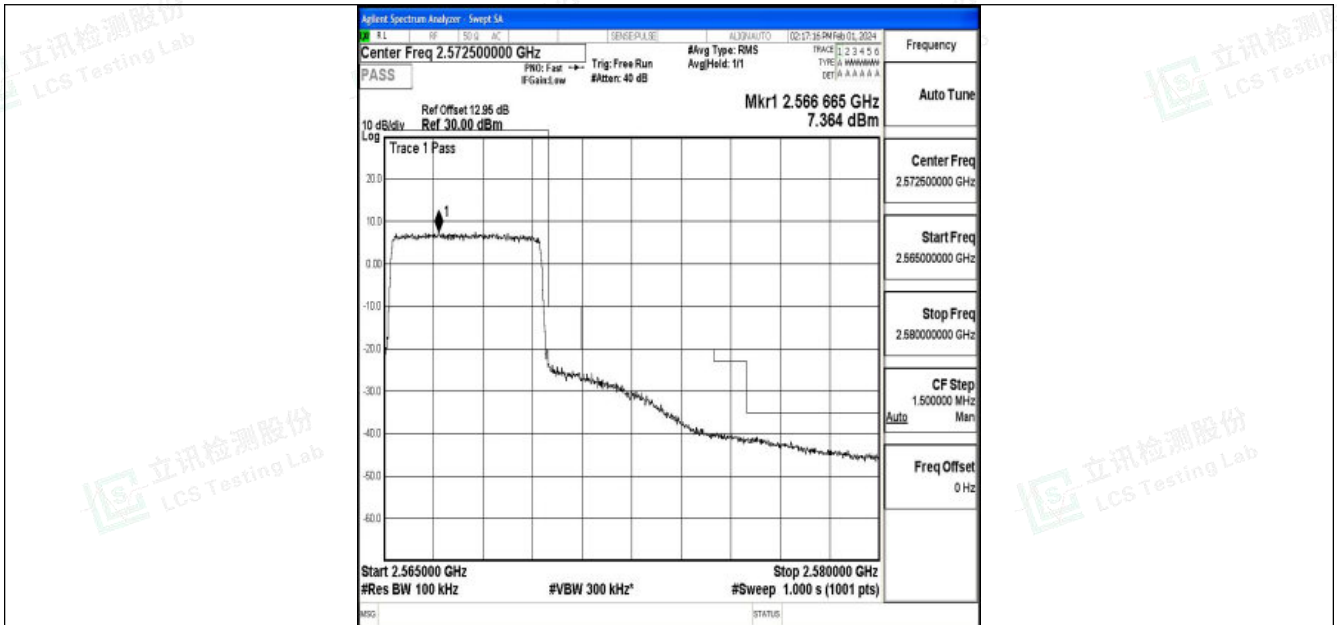


Band7_5MHz_16QAM_20775_25RB#0

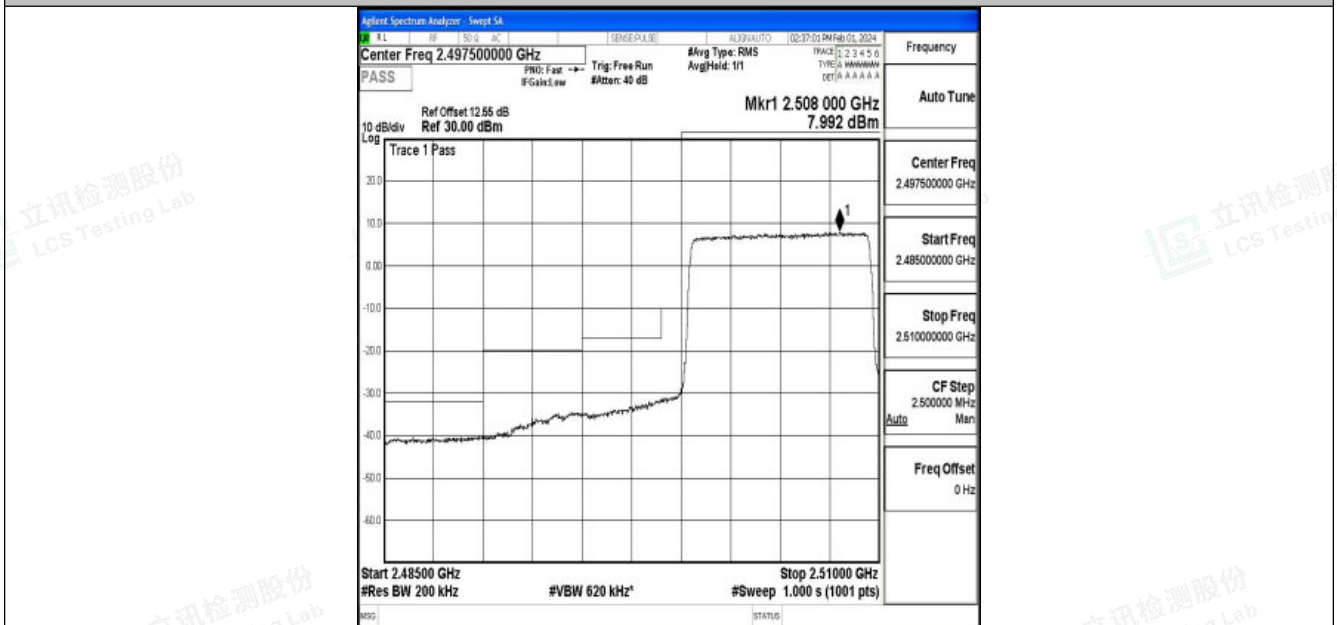


Band7_5MHz_QPSK_21425_25RB#0



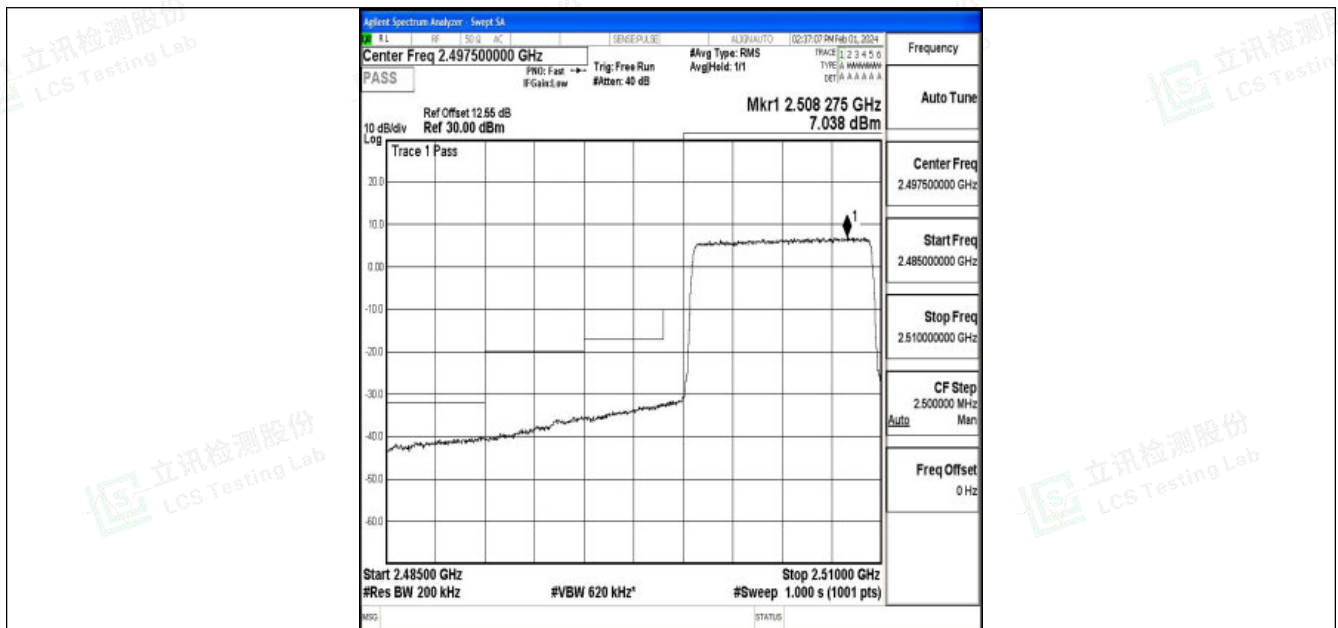


Band7_5MHz_16QAM_21425_25RB#0

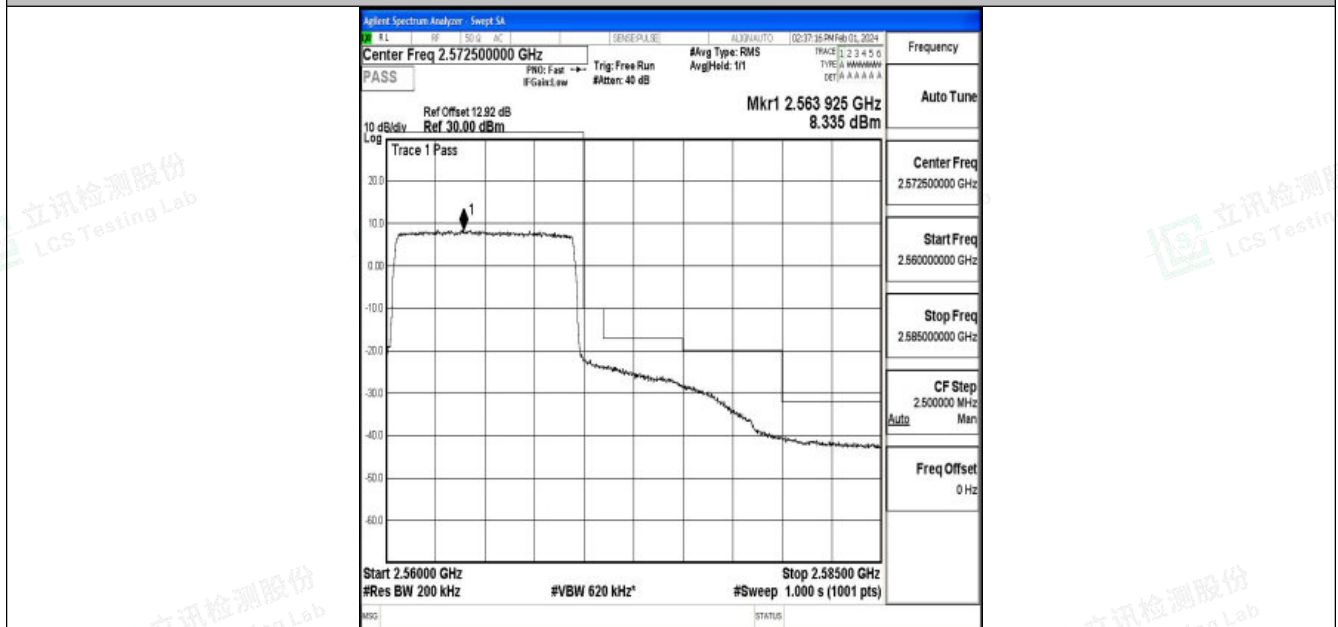


Band7_10MHz_QPSK_20800_50RB#0



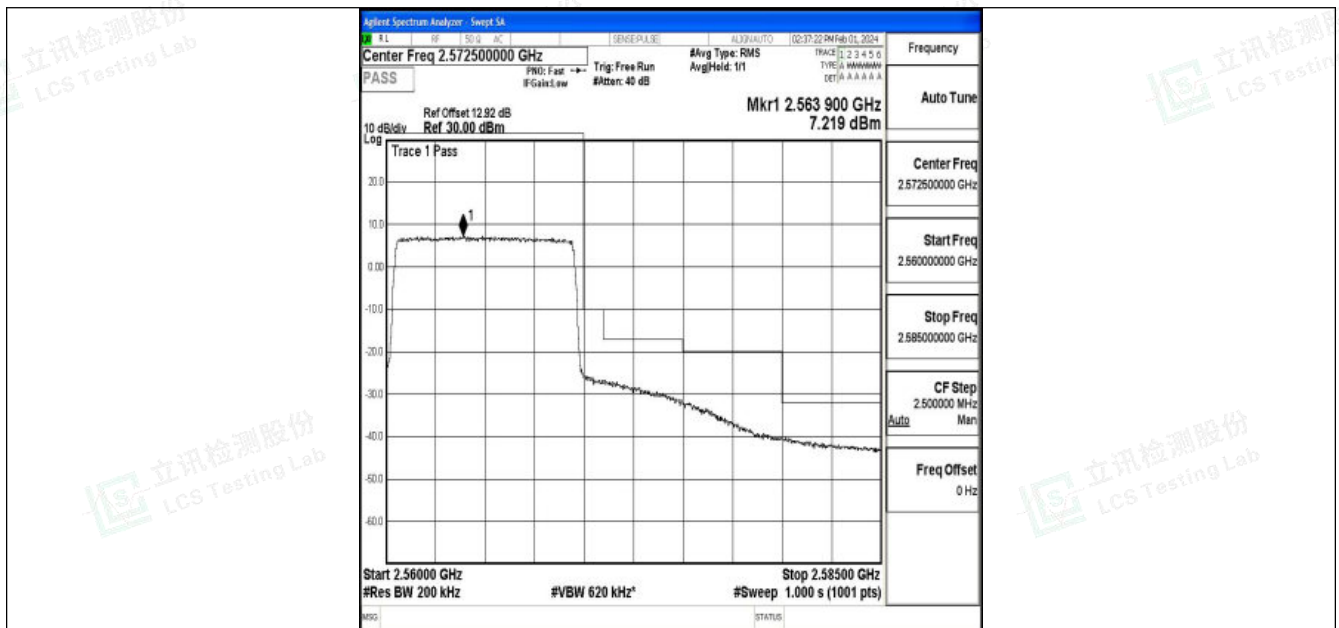


Band7_10MHz_16QAM_20800_50RB#0

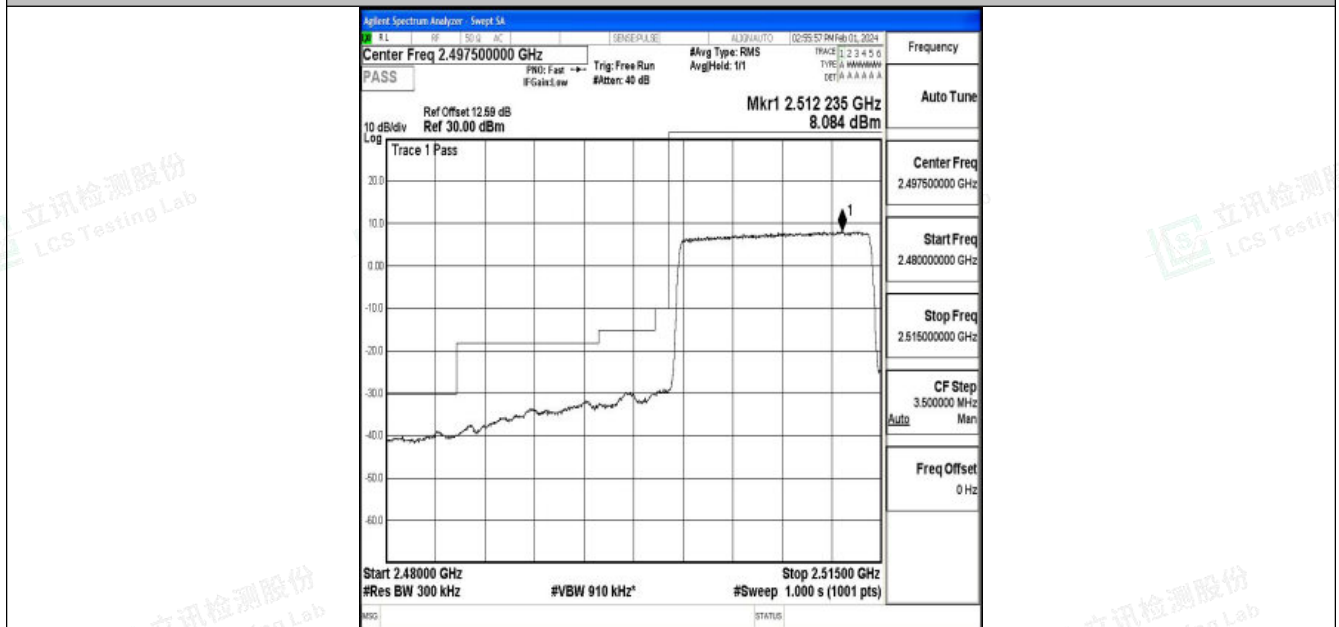


Band7_10MHz_QPSK_21400_50RB#0



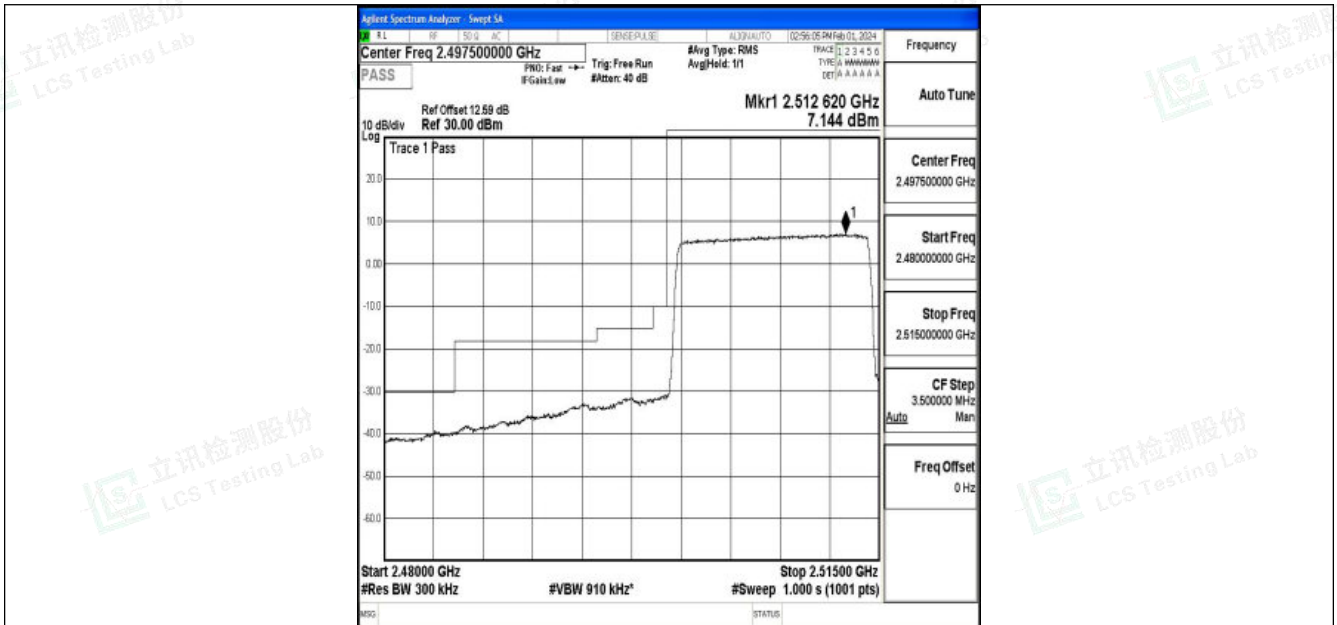


Band7_10MHz_16QAM_21400_50RB#0

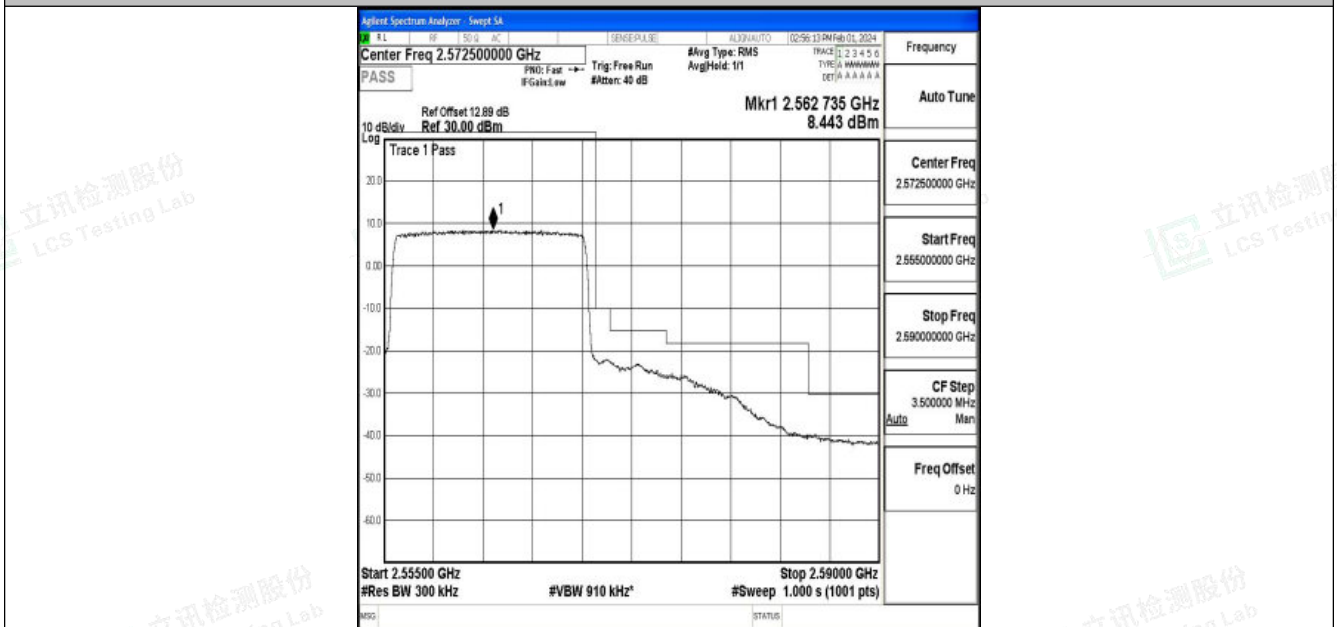


Band7_15MHz_QPSK_20825_75RB#0



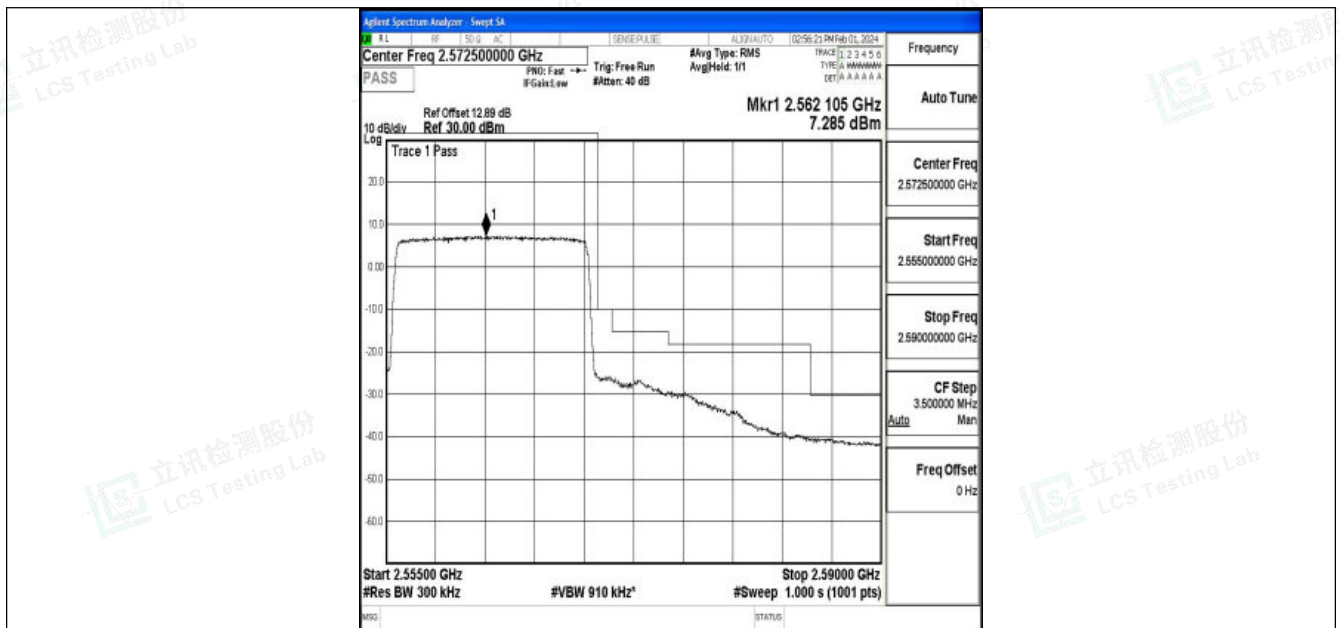


Band7_15MHz_16QAM_20825_75RB#0

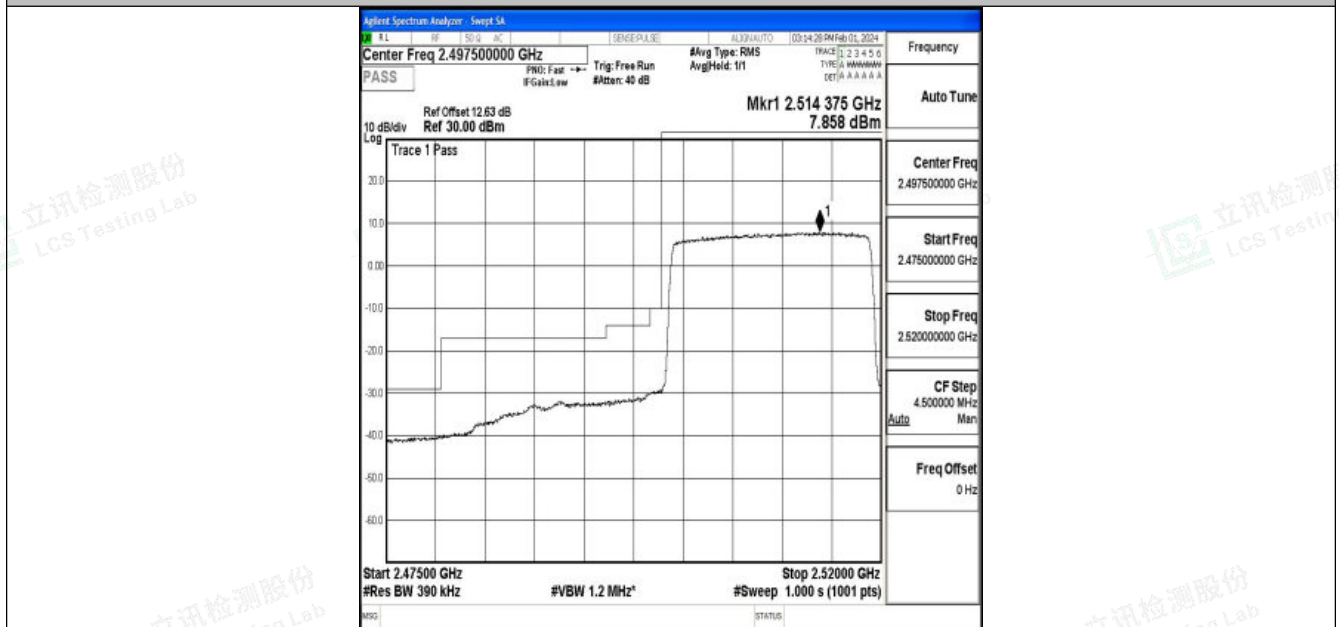


Band7_15MHz_QPSK_21375_75RB#0



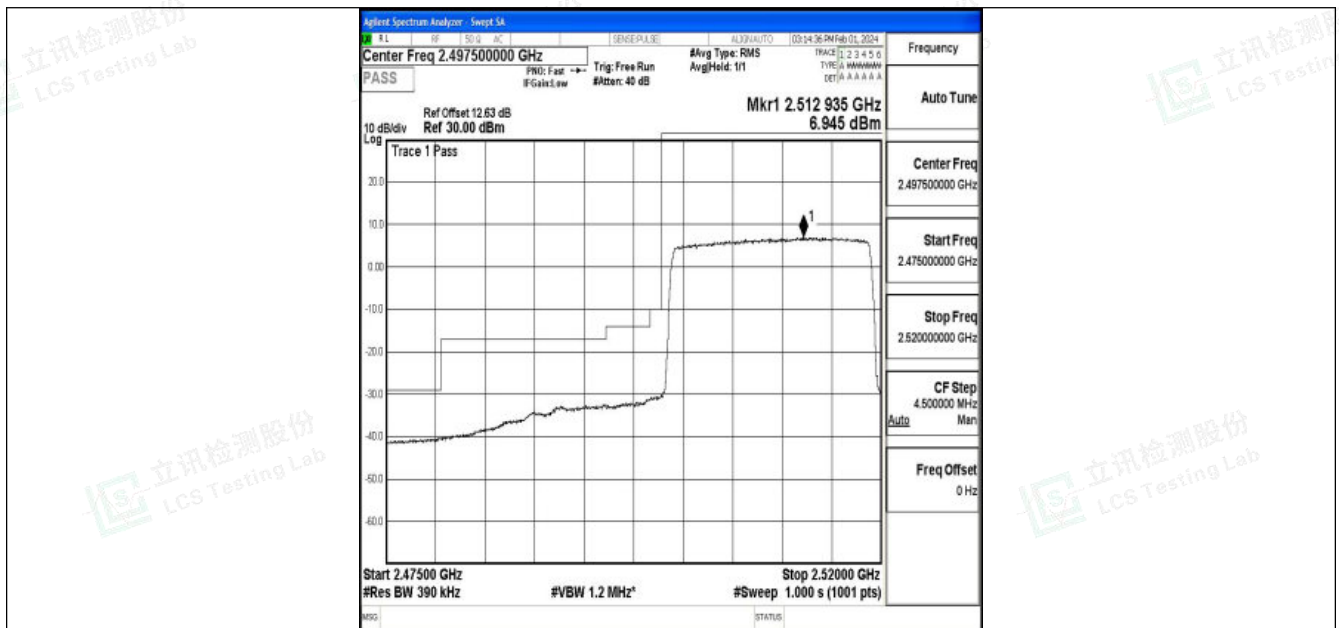


Band7_15MHz_16QAM_21375_75RB#0

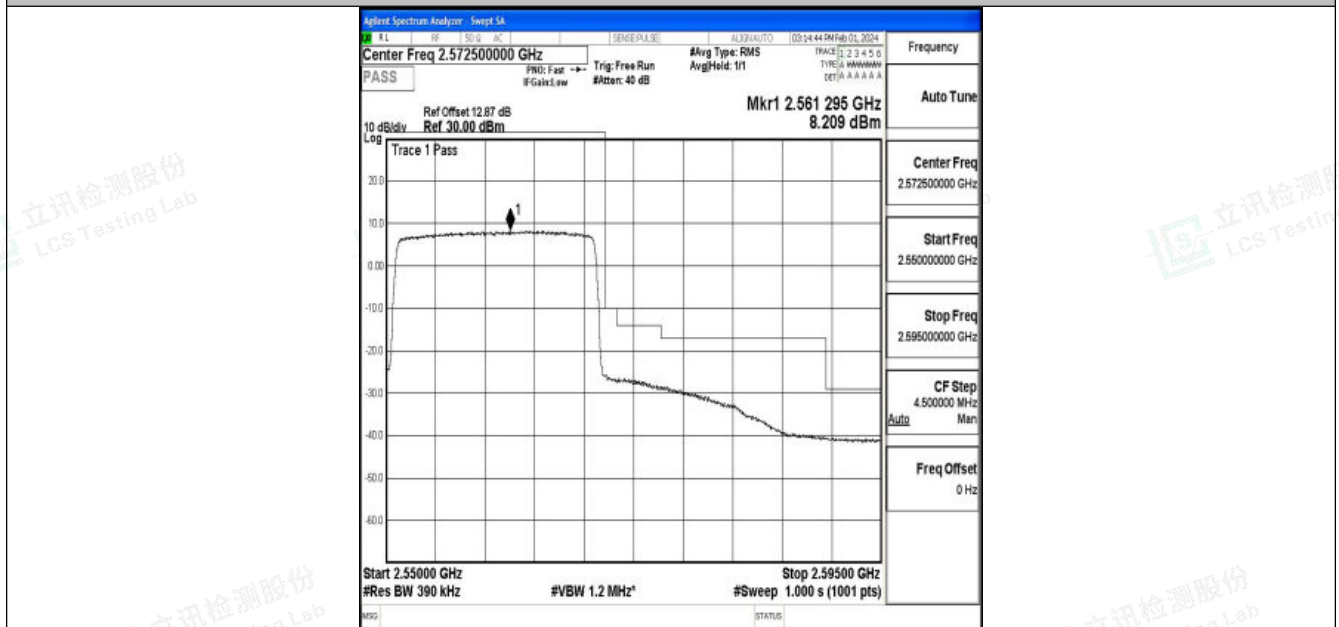


Band7_20MHz_QPSK_20850_100RB#0



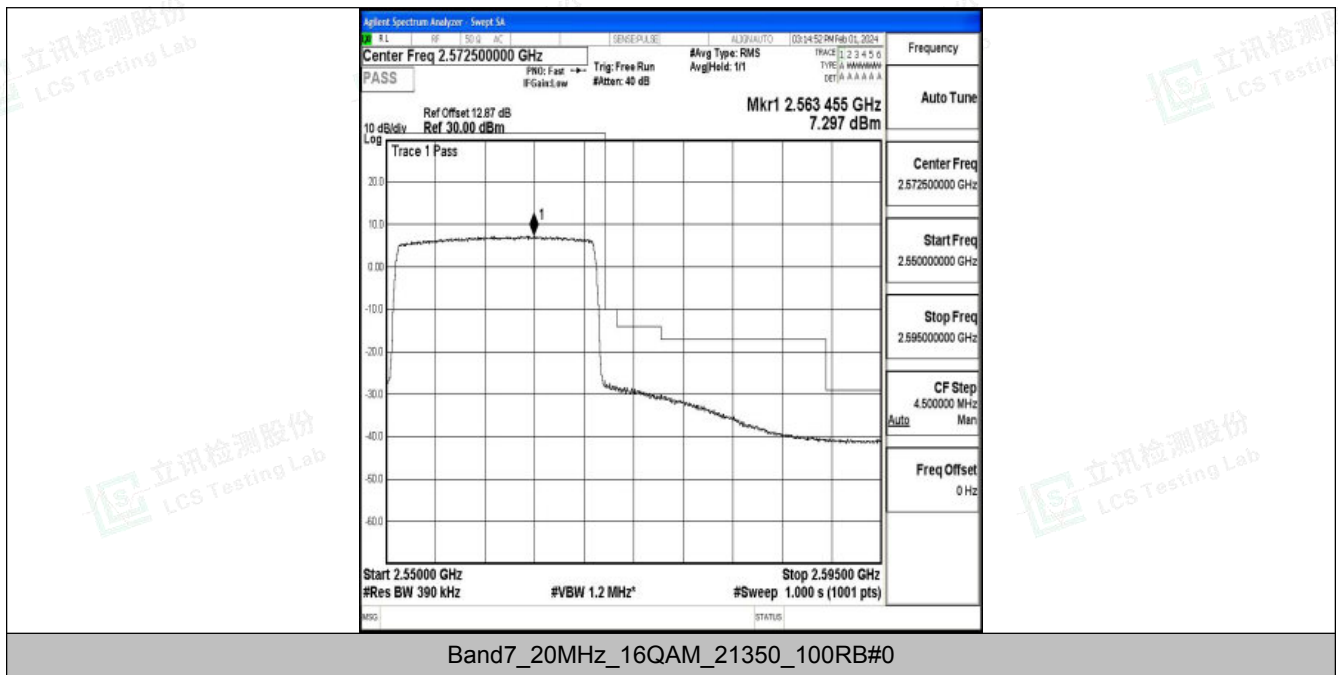


Band7_20MHz_16QAM_20850_100RB#0



Band7_20MHz_QPSK_21350_100RB#0







E.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	0.009~0.15	-60.72	PASS
Band7	5MHz	QPSK	20775	1RB#0	0.15~30	-57.17	PASS
Band7	5MHz	QPSK	20775	1RB#0	30~1000	-58.05	PASS
Band7	5MHz	QPSK	20775	1RB#0	1000~20000	-29.39	PASS
Band7	5MHz	QPSK	20775	1RB#0	20000~27000	-31.25	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.009~0.15	-63.66	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.15~30	-58.21	PASS
Band7	5MHz	16QAM	20775	1RB#0	30~1000	-58.25	PASS
Band7	5MHz	16QAM	20775	1RB#0	1000~20000	-28.90	PASS
Band7	5MHz	16QAM	20775	1RB#0	20000~27000	-30.87	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.009~0.15	-66.30	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.15~30	-56.92	PASS
Band7	5MHz	QPSK	21100	1RB#0	30~1000	-57.85	PASS
Band7	5MHz	QPSK	21100	1RB#0	1000~20000	-28.72	PASS
Band7	5MHz	QPSK	21100	1RB#0	20000~27000	-30.83	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.009~0.15	-64.72	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.15~30	-55.97	PASS
Band7	5MHz	16QAM	21100	1RB#0	30~1000	-58.09	PASS
Band7	5MHz	16QAM	21100	1RB#0	1000~20000	-29.08	PASS
Band7	5MHz	16QAM	21100	1RB#0	20000~27000	-30.94	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.009~0.15	-64.28	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.15~30	-58.42	PASS
Band7	5MHz	QPSK	21425	1RB#0	30~1000	-58.29	PASS
Band7	5MHz	QPSK	21425	1RB#0	1000~20000	-29.14	PASS
Band7	5MHz	QPSK	21425	1RB#0	20000~27000	-31.28	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.009~0.15	-61.44	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.15~30	-59.97	PASS
Band7	5MHz	16QAM	21425	1RB#0	30~1000	-58.02	PASS
Band7	5MHz	16QAM	21425	1RB#0	1000~20000	-28.97	PASS
Band7	5MHz	16QAM	21425	1RB#0	20000~27000	-30.79	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.009~0.15	-65.26	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.15~30	-59.55	PASS
Band7	10MHz	QPSK	20800	1RB#0	30~1000	-58.26	PASS
Band7	10MHz	QPSK	20800	1RB#0	1000~20000	-29.02	PASS



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Band7	10MHz	QPSK	20800	1RB#0	20000~27000	-31.42	PASS
Band7	10MHz	16QAM	20800	1RB#0	0.009~0.15	-63.85	PASS
Band7	10MHz	16QAM	20800	1RB#0	0.15~30	-57.47	PASS
Band7	10MHz	16QAM	20800	1RB#0	30~1000	-58.11	PASS
Band7	10MHz	16QAM	20800	1RB#0	1000~20000	-29.40	PASS
Band7	10MHz	16QAM	20800	1RB#0	20000~27000	-31.18	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.009~0.15	-64.25	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.15~30	-58.40	PASS
Band7	10MHz	QPSK	21100	1RB#0	30~1000	-58.10	PASS
Band7	10MHz	QPSK	21100	1RB#0	1000~20000	-28.90	PASS
Band7	10MHz	QPSK	21100	1RB#0	20000~27000	-31.11	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.009~0.15	-64.21	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.15~30	-58.11	PASS
Band7	10MHz	16QAM	21100	1RB#0	30~1000	-58.46	PASS
Band7	10MHz	16QAM	21100	1RB#0	1000~20000	-29.23	PASS
Band7	10MHz	16QAM	21100	1RB#0	20000~27000	-31.50	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.009~0.15	-62.69	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.15~30	-56.58	PASS
Band7	10MHz	QPSK	21400	1RB#0	30~1000	-58.05	PASS
Band7	10MHz	QPSK	21400	1RB#0	1000~20000	-29.28	PASS
Band7	10MHz	QPSK	21400	1RB#0	20000~27000	-31.45	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.009~0.15	-62.47	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.15~30	-57.13	PASS
Band7	10MHz	16QAM	21400	1RB#0	30~1000	-58.33	PASS
Band7	10MHz	16QAM	21400	1RB#0	1000~20000	-29.44	PASS
Band7	10MHz	16QAM	21400	1RB#0	20000~27000	-31.26	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.009~0.15	-64.80	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.15~30	-58.74	PASS
Band7	15MHz	QPSK	20825	1RB#0	30~1000	-58.20	PASS
Band7	15MHz	QPSK	20825	1RB#0	1000~20000	-28.53	PASS
Band7	15MHz	QPSK	20825	1RB#0	20000~27000	-31.46	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.009~0.15	-62.16	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.15~30	-59.26	PASS
Band7	15MHz	16QAM	20825	1RB#0	30~1000	-58.51	PASS
Band7	15MHz	16QAM	20825	1RB#0	1000~20000	-29.24	PASS
Band7	15MHz	16QAM	20825	1RB#0	20000~27000	-31.51	PASS
Band7	15MHz	QPSK	21100	1RB#0	0.009~0.15	-65.21	PASS
Band7	15MHz	QPSK	21100	1RB#0	0.15~30	-57.35	PASS
Band7	15MHz	QPSK	21100	1RB#0	30~1000	-57.80	PASS
Band7	15MHz	QPSK	21100	1RB#0	1000~20000	-29.38	PASS



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Band7	15MHz	QPSK	21100	1RB#0	20000~27000	-31.06	PASS
Band7	15MHz	16QAM	21100	1RB#0	0.009~0.15	-64.49	PASS
Band7	15MHz	16QAM	21100	1RB#0	0.15~30	-56.46	PASS
Band7	15MHz	16QAM	21100	1RB#0	30~1000	-58.31	PASS
Band7	15MHz	16QAM	21100	1RB#0	1000~20000	-29.28	PASS
Band7	15MHz	16QAM	21100	1RB#0	20000~27000	-31.33	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.009~0.15	-64.06	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.15~30	-59.07	PASS
Band7	15MHz	QPSK	21375	1RB#0	30~1000	-58.31	PASS
Band7	15MHz	QPSK	21375	1RB#0	1000~20000	-28.86	PASS
Band7	15MHz	QPSK	21375	1RB#0	20000~27000	-31.40	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.009~0.15	-61.84	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.15~30	-59.07	PASS
Band7	15MHz	16QAM	21375	1RB#0	30~1000	-58.23	PASS
Band7	15MHz	16QAM	21375	1RB#0	1000~20000	-29.06	PASS
Band7	15MHz	16QAM	21375	1RB#0	20000~27000	-31.45	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.009~0.15	-61.18	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.15~30	-58.58	PASS
Band7	20MHz	QPSK	20850	1RB#0	30~1000	-58.21	PASS
Band7	20MHz	QPSK	20850	1RB#0	1000~20000	-29.20	PASS
Band7	20MHz	QPSK	20850	1RB#0	20000~27000	-31.31	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.009~0.15	-65.13	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.15~30	-58.21	PASS
Band7	20MHz	16QAM	20850	1RB#0	30~1000	-58.33	PASS
Band7	20MHz	16QAM	20850	1RB#0	1000~20000	-29.66	PASS
Band7	20MHz	16QAM	20850	1RB#0	20000~27000	-31.50	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.009~0.15	-64.10	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.15~30	-56.73	PASS
Band7	20MHz	QPSK	21100	1RB#0	30~1000	-58.38	PASS
Band7	20MHz	QPSK	21100	1RB#0	1000~20000	-29.28	PASS
Band7	20MHz	QPSK	21100	1RB#0	20000~27000	-31.17	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.009~0.15	-64.74	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.15~30	-57.59	PASS
Band7	20MHz	16QAM	21100	1RB#0	30~1000	-58.21	PASS
Band7	20MHz	16QAM	21100	1RB#0	1000~20000	-28.97	PASS
Band7	20MHz	16QAM	21100	1RB#0	20000~27000	-31.30	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.009~0.15	-61.62	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.15~30	-57.83	PASS
Band7	20MHz	QPSK	21350	1RB#0	30~1000	-57.82	PASS
Band7	20MHz	QPSK	21350	1RB#0	1000~20000	-29.57	PASS



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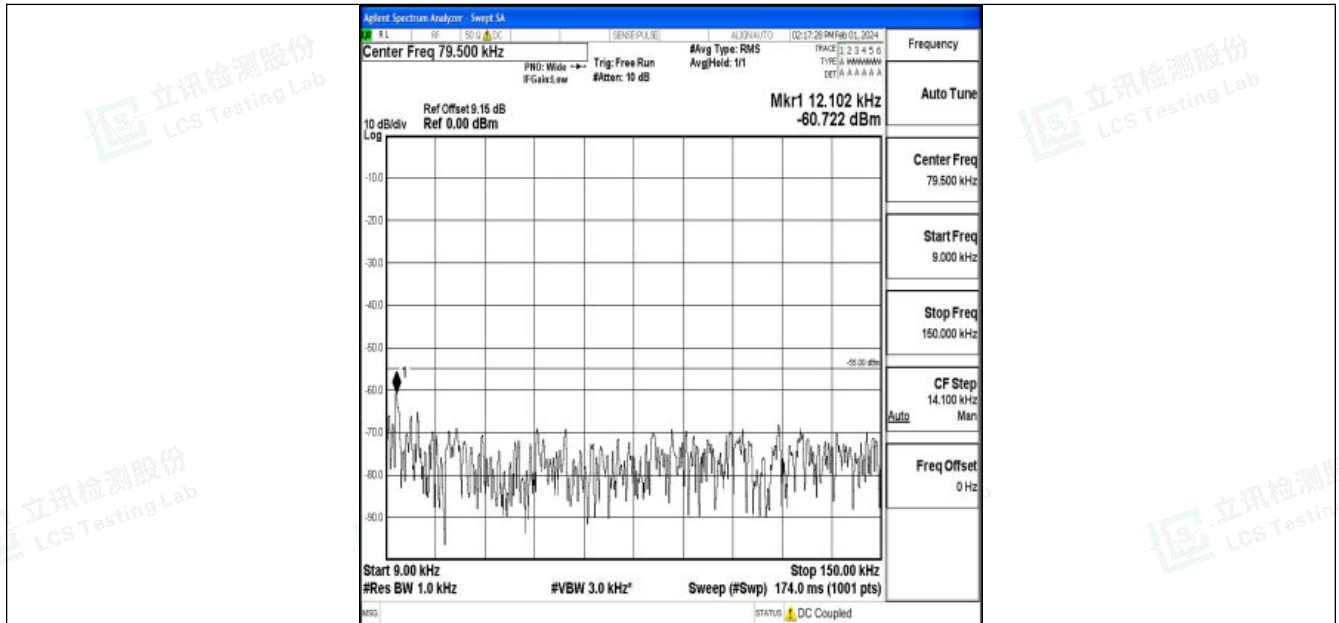
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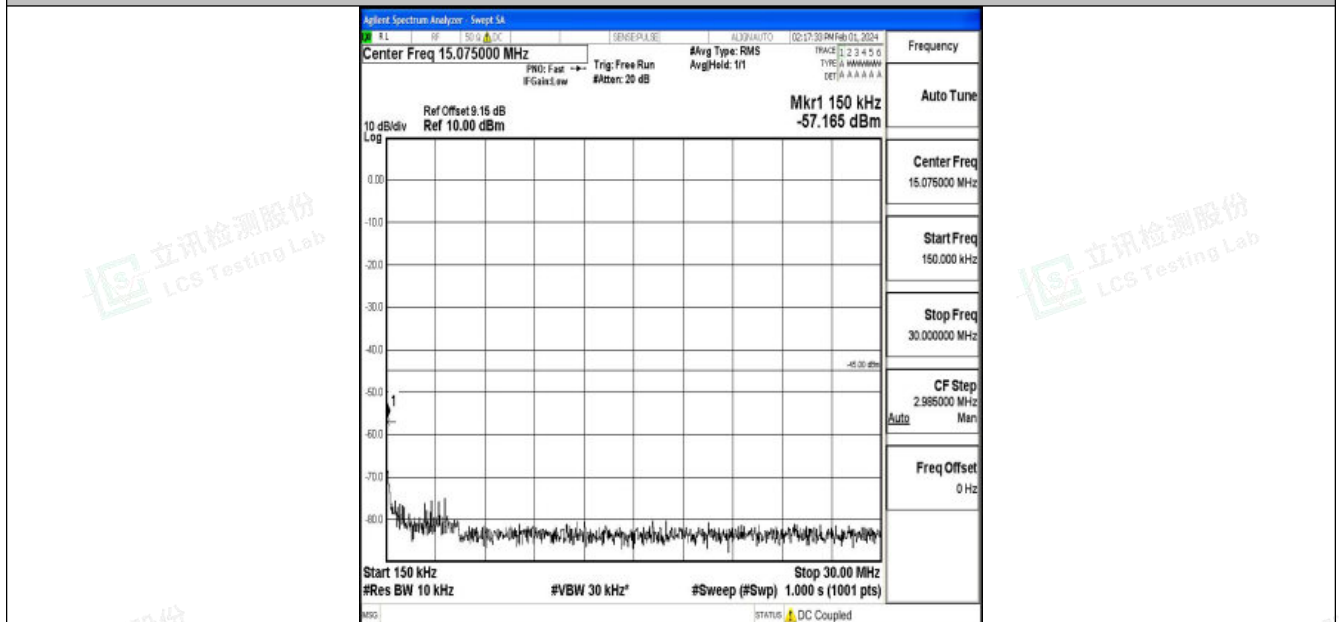


Band7	20MHz	QPSK	21350	1RB#0	20000~27000	-31.51	PASS
Band7	20MHz	16QAM	21350	1RB#0	0.009~0.15	-64.35	PASS
Band7	20MHz	16QAM	21350	1RB#0	0.15~30	-57.52	PASS
Band7	20MHz	16QAM	21350	1RB#0	30~1000	-58.49	PASS
Band7	20MHz	16QAM	21350	1RB#0	1000~20000	-29.44	PASS
Band7	20MHz	16QAM	21350	1RB#0	20000~27000	-31.30	PASS

Test Graphs

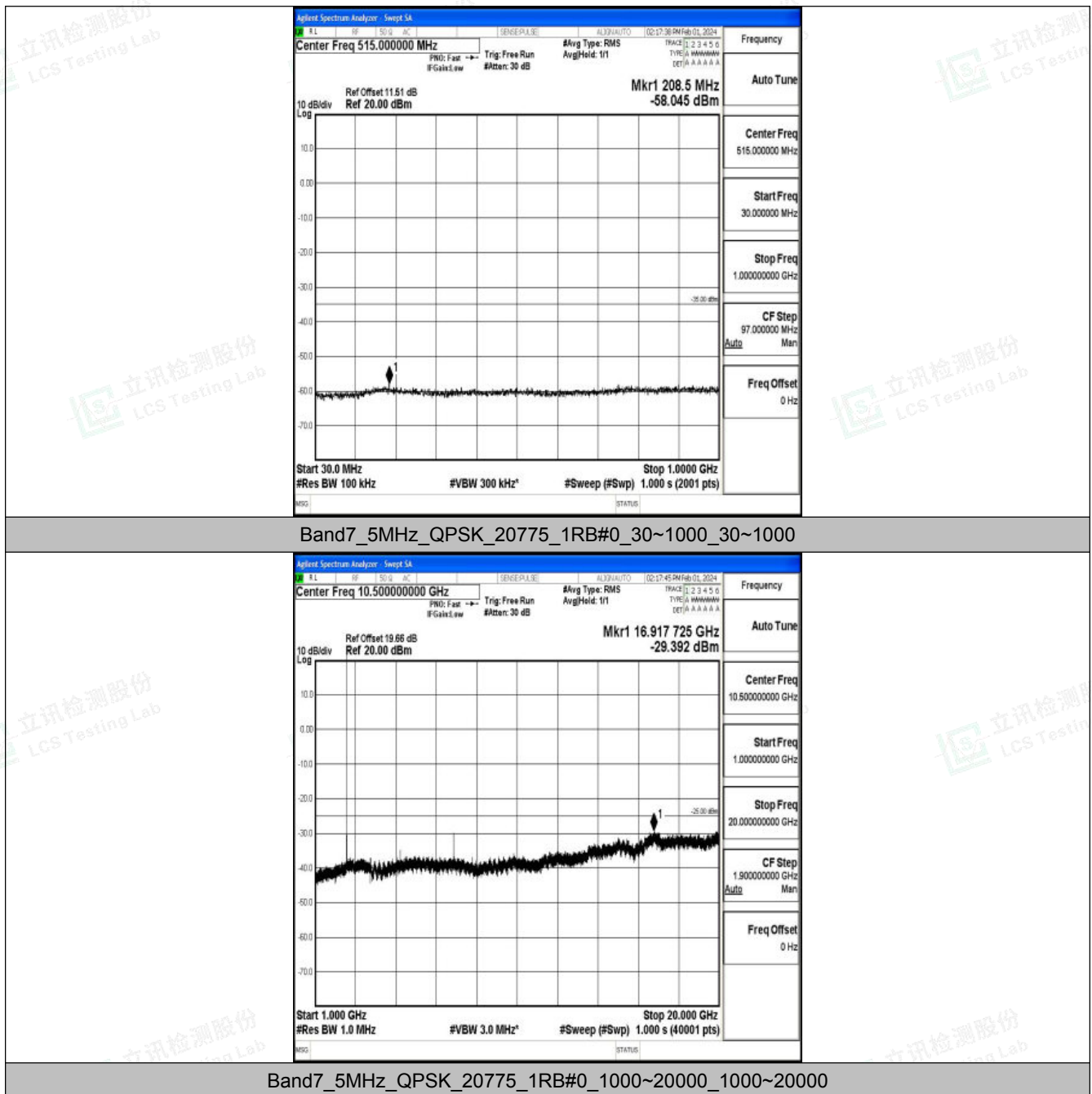


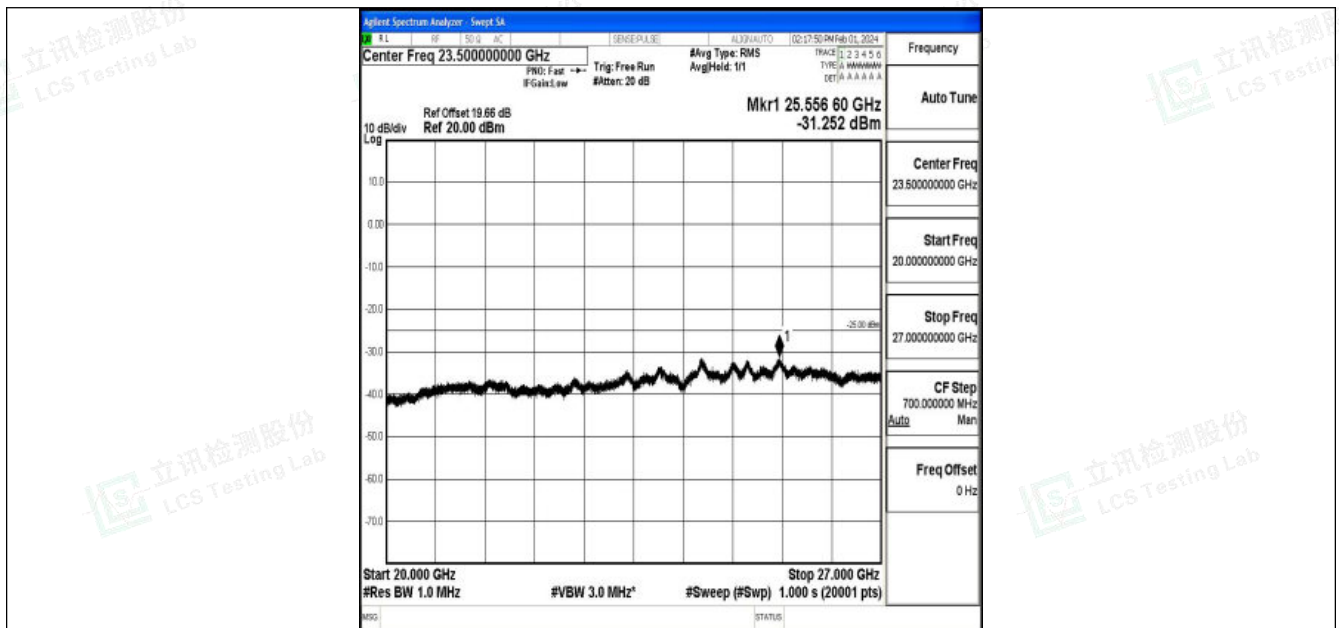
Band7_5MHz_QPSK_20775_1RB#0_0.009~0.15_0.009~0.15



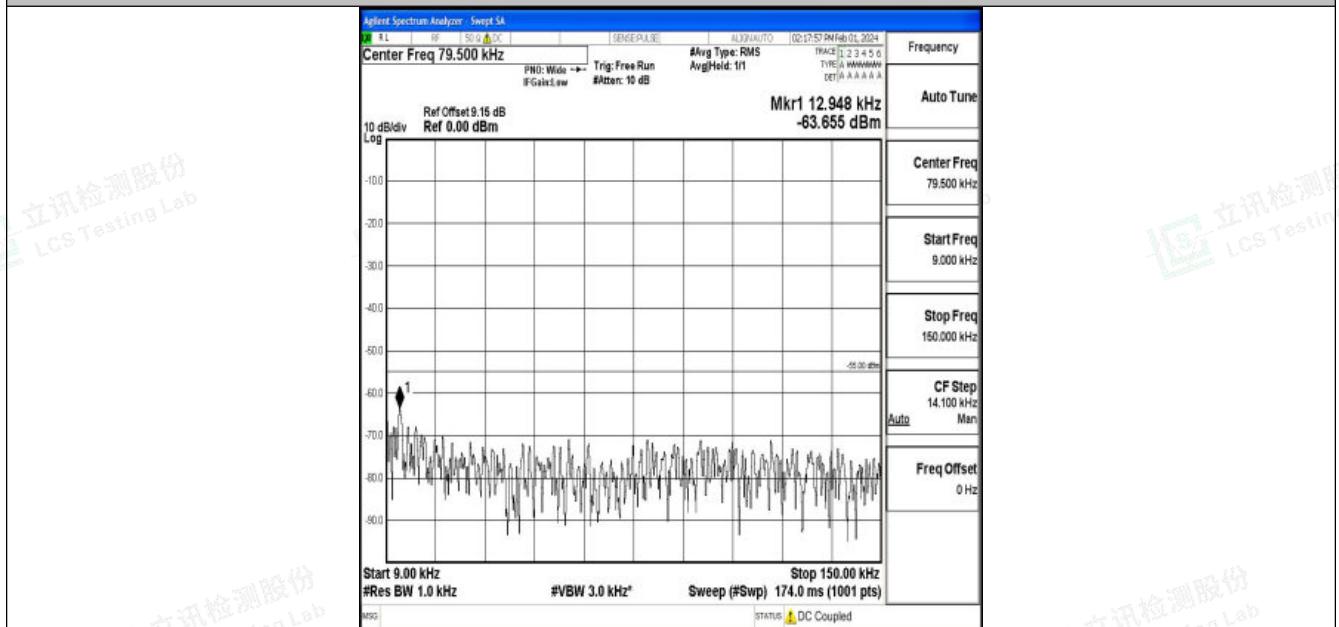
Band7_5MHz_QPSK_20775_1RB#0_0.15~30_0.15~30







Band7_5MHz_QPSK_20775_1RB#0_20000~27000_20000~27000



Band7_5MHz_16QAM_20775_1RB#0_0.009~0.15_0.009~0.15

