



Appendix O: Test Data for E-UTRA Band 38

Product Name: Tablet

Test Model: RT1

Environmental Conditions

Temperature:	23.9° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li huan





O.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.24	PASS
Band38	5MHz	QPSK	37775	1RB#12	23.38	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.18	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.32	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.32	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.36	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.42	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.11	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.25	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.08	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.18	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.15	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.16	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.18	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.79	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.92	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.72	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.93	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.91	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.88	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.89	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.37	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.50	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.31	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.40	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.38	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.33	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.36	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.97	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.23	PASS



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Band38	5MHz	16QAM	38000	1RB#24	22.03	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.09	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.13	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.13	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.18	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.90	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.03	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.82	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.95	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.95	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.92	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.85	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.27	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.56	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.22	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.36	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.39	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.37	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.33	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.10	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.42	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.05	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.21	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.20	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.16	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.20	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.96	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.21	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.80	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.97	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.98	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.93	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.95	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.35	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.60	PASS



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Band38	10MHz	16QAM	37800	1RB#49	22.28	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.36	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.36	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.33	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.34	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.18	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.46	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.15	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.19	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.19	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.16	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.21	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.82	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.07	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.68	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.03	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.91	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.96	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.23	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.24	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.04	PASS
Band38	15MHz	QPSK	37825	38RB#0	22.37	PASS
Band38	15MHz	QPSK	37825	38RB#18	22.41	PASS
Band38	15MHz	QPSK	37825	38RB#37	22.27	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.26	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.07	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.06	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.89	PASS
Band38	15MHz	QPSK	38000	38RB#0	22.22	PASS
Band38	15MHz	QPSK	38000	38RB#18	22.24	PASS
Band38	15MHz	QPSK	38000	38RB#37	22.10	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.12	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.06	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.87	PASS



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Band38	15MHz	QPSK	38175	1RB#74	22.64	PASS
Band38	15MHz	QPSK	38175	38RB#0	22.18	PASS
Band38	15MHz	QPSK	38175	38RB#18	22.02	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.86	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.95	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.37	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.40	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.28	PASS
Band38	15MHz	16QAM	37825	38RB#0	22.37	PASS
Band38	15MHz	16QAM	37825	38RB#18	22.42	PASS
Band38	15MHz	16QAM	37825	38RB#37	22.14	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.27	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.19	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.24	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.07	PASS
Band38	15MHz	16QAM	38000	38RB#0	22.20	PASS
Band38	15MHz	16QAM	38000	38RB#18	22.23	PASS
Band38	15MHz	16QAM	38000	38RB#37	22.11	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.14	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.18	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.06	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.83	PASS
Band38	15MHz	16QAM	38175	38RB#0	22.18	PASS
Band38	15MHz	16QAM	38175	38RB#18	22.03	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.85	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.95	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.15	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.41	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.93	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.21	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.20	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.04	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.12	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.02	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.34	PASS



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Band38	20MHz	QPSK	38000	1RB#99	22.98	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.16	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.21	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.18	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.12	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.21	PASS
Band38	20MHz	QPSK	38150	1RB#99	22.67	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.03	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.06	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.84	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.95	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.30	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.19	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.23	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.20	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.22	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.01	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.15	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.87	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.54	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.93	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.22	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.20	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.15	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.10	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.15	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.34	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.83	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.05	PASS
Band38	20MHz	16QAM	38150	50RB#25	21.07	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.81	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.96	PASS



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

Test Result

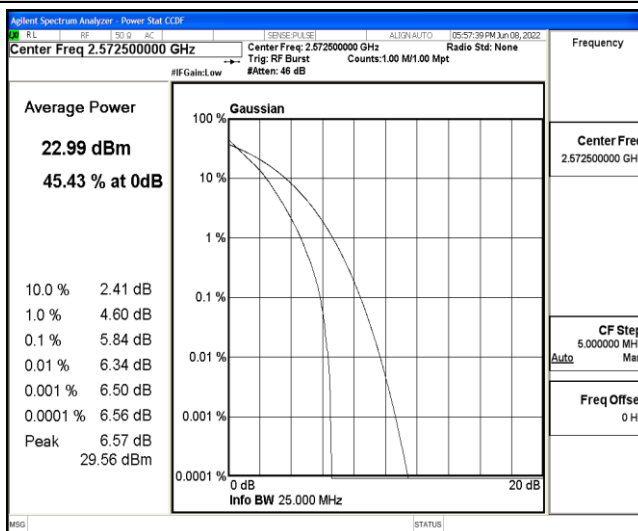
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	5.84	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	5.82	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	5.54	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	6.52	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	6.49	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	6.82	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	5.84	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.79	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	5.54	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	6.65	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	6.61	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	6.32	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	6.14	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	6.10	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	5.89	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	6.71	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	6.69	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	6.48	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	5.77	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.84	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	5.62	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	6.55	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	6.56	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	6.37	13	PASS



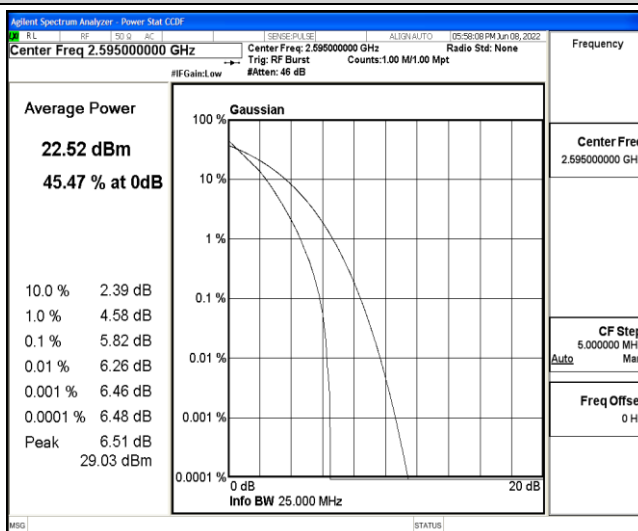


Test Graphs

Band38-5MHz-QPSK-37775-25RB#0

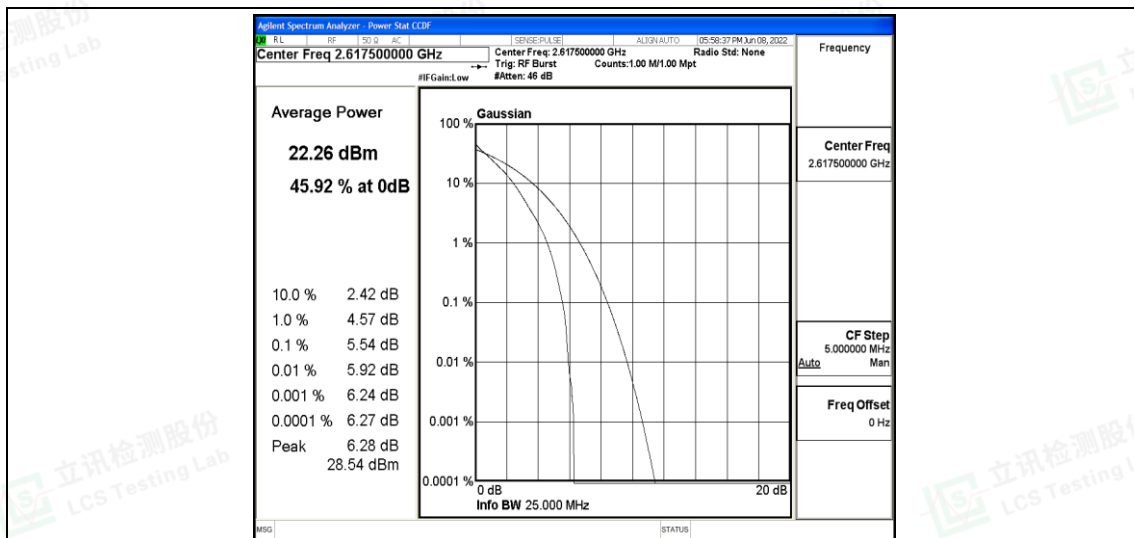


Band38-5MHz-QPSK-38000-25RB#0

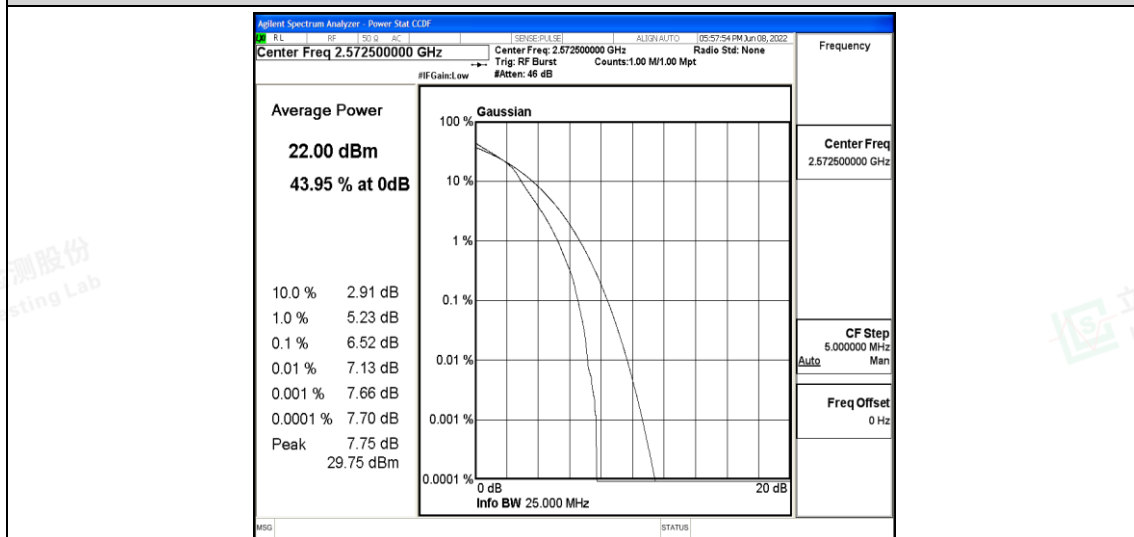


Band38-5MHz-QPSK-38225-25RB#0

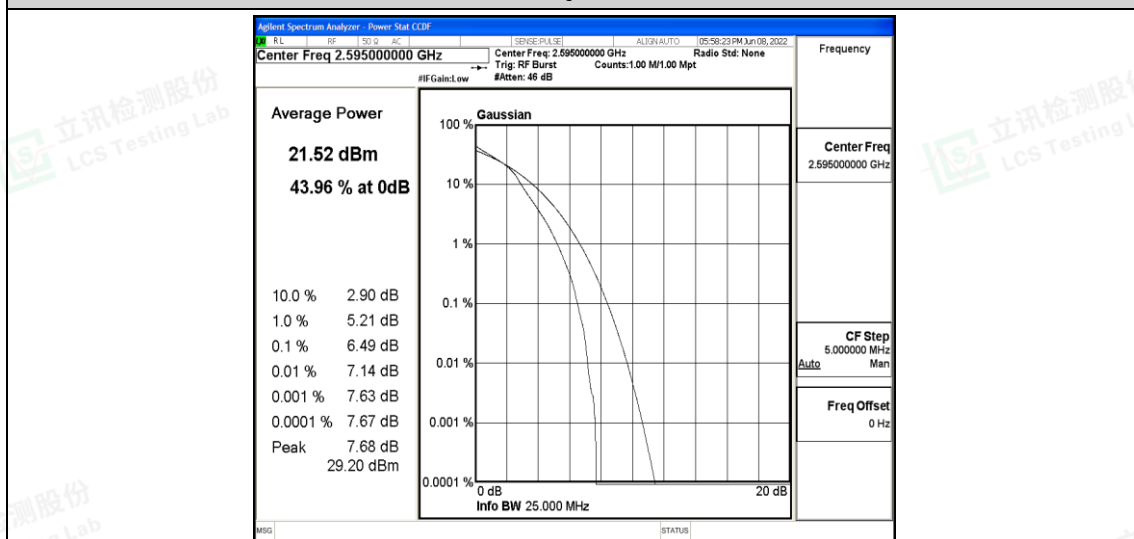




Band38-5MHz-16QAM-37775-25RB#0

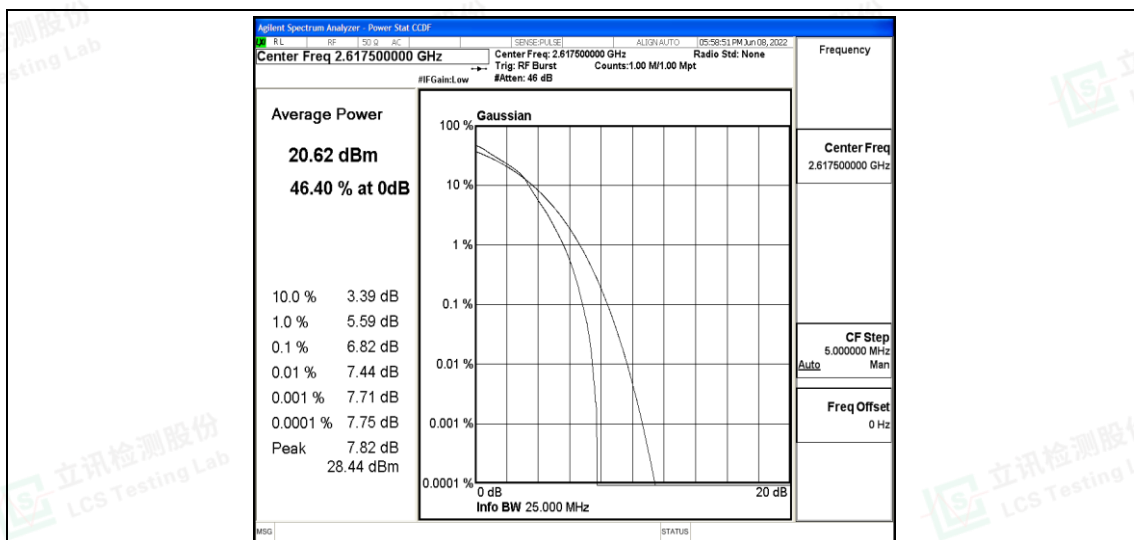


Band38-5MHz-16QAM-38000-25RB#0

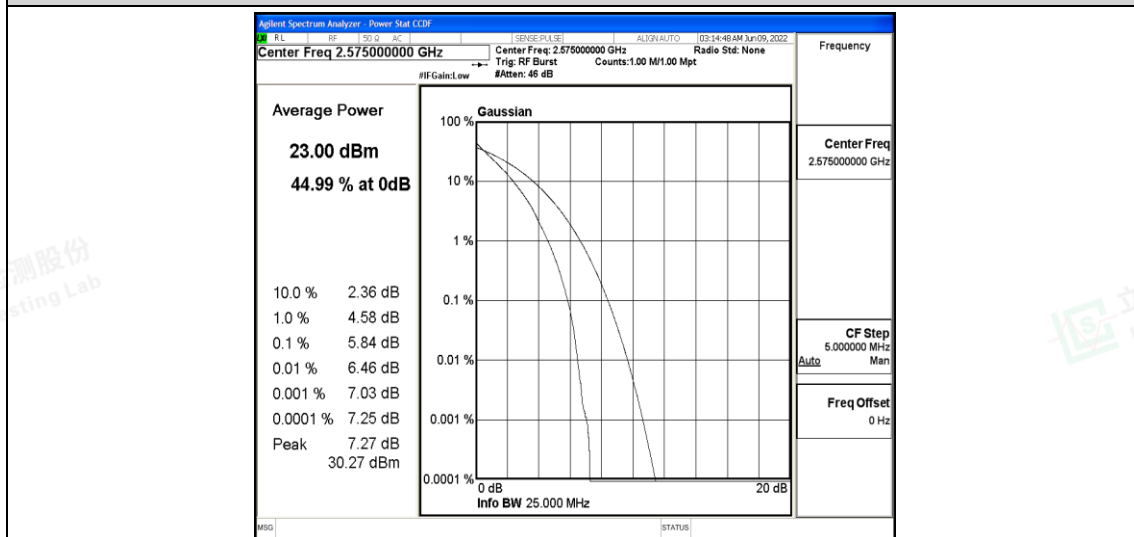


Band38-5MHz-16QAM-38225-25RB#0

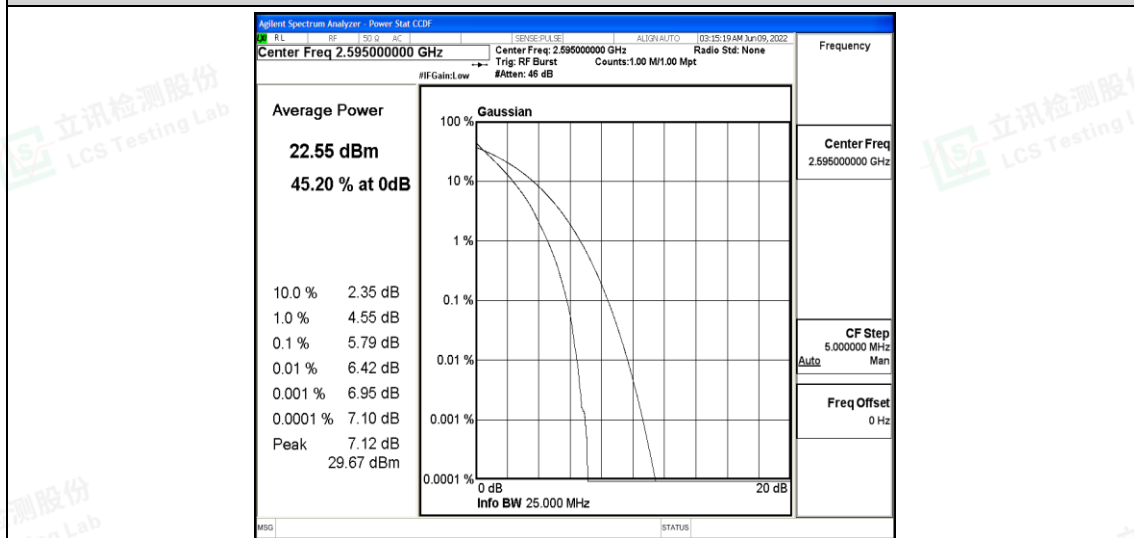




Band38-10MHz-QPSK-37800-50RB#0

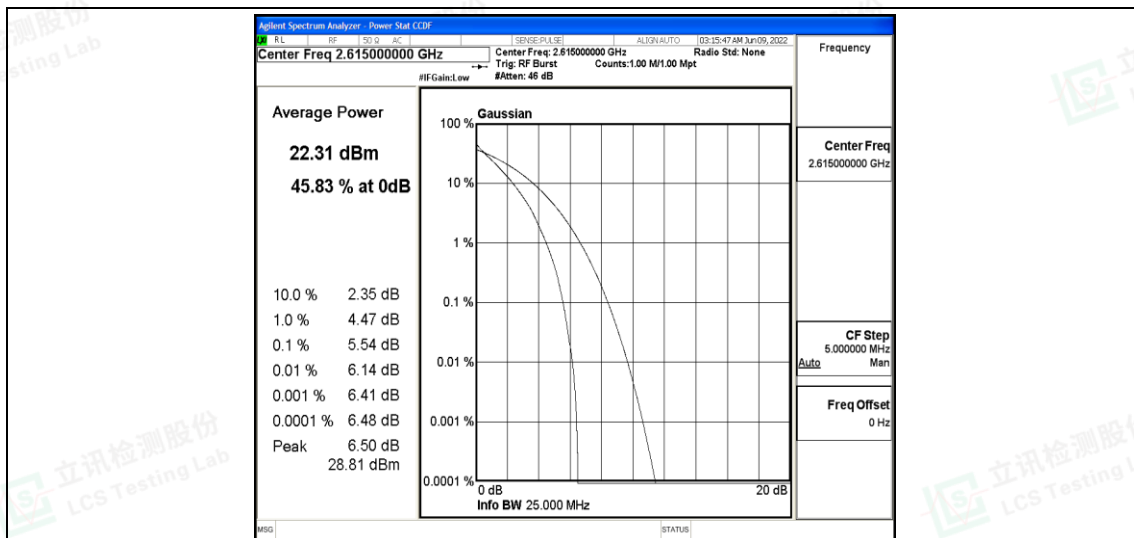


Band38-10MHz-QPSK-38000-50RB#0

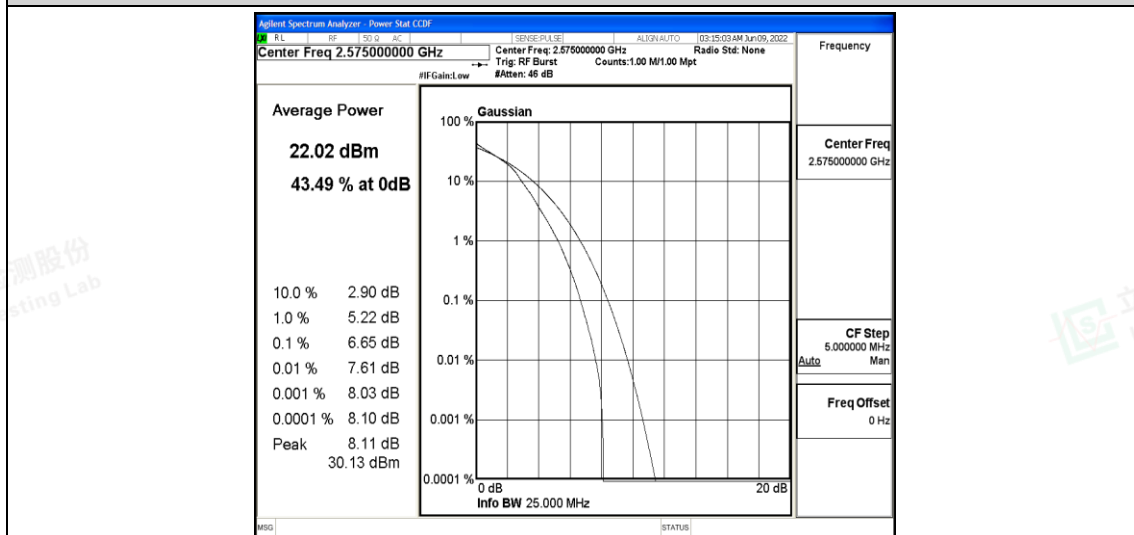


Band38-10MHz-QPSK-38200-50RB#0

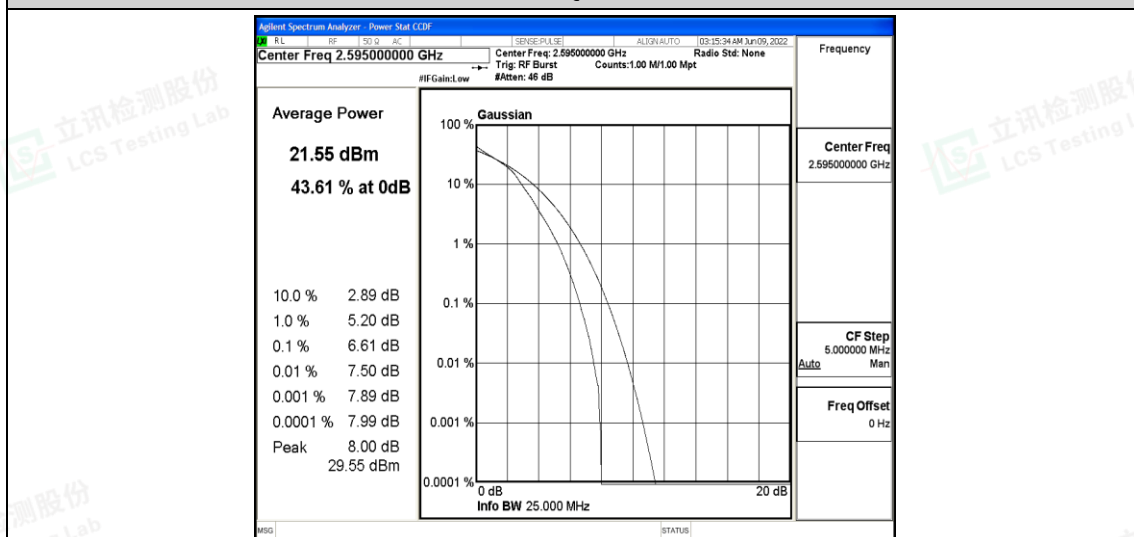




Band38-10MHz-16QAM-37800-50RB#0

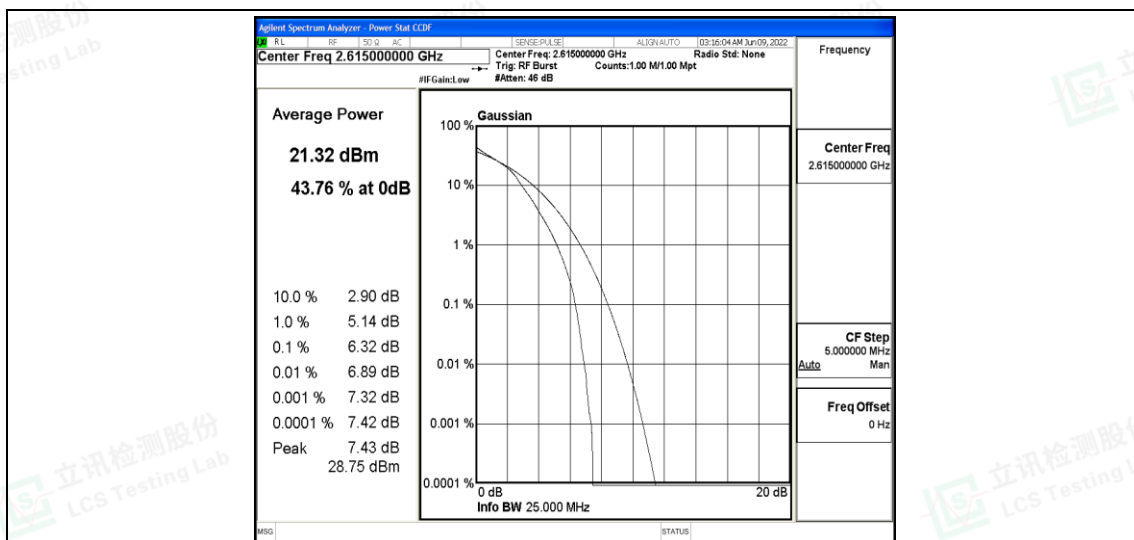


Band38-10MHz-16QAM-38000-50RB#0

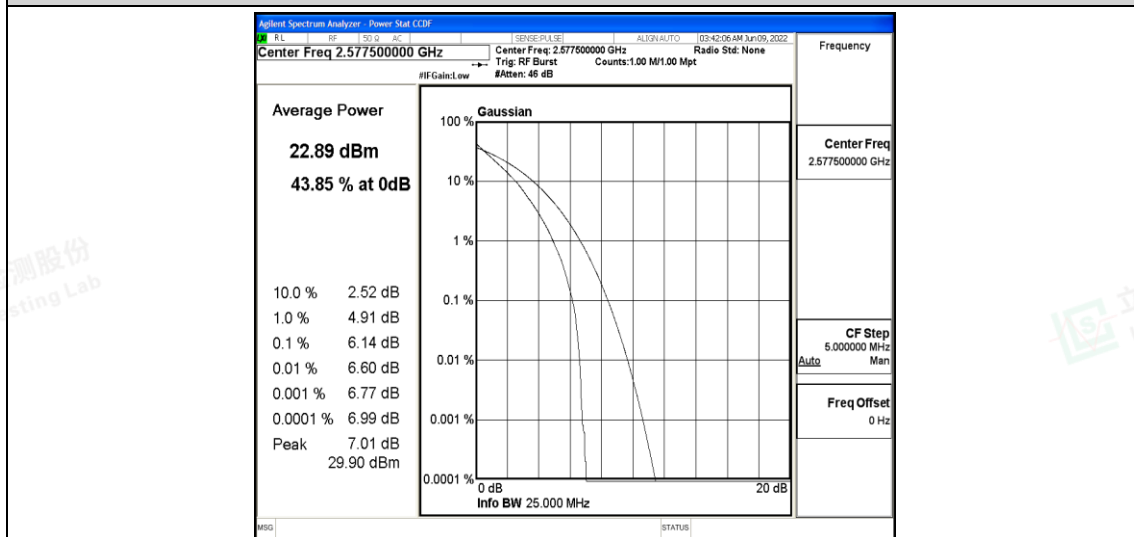


Band38-10MHz-16QAM-38200-50RB#0

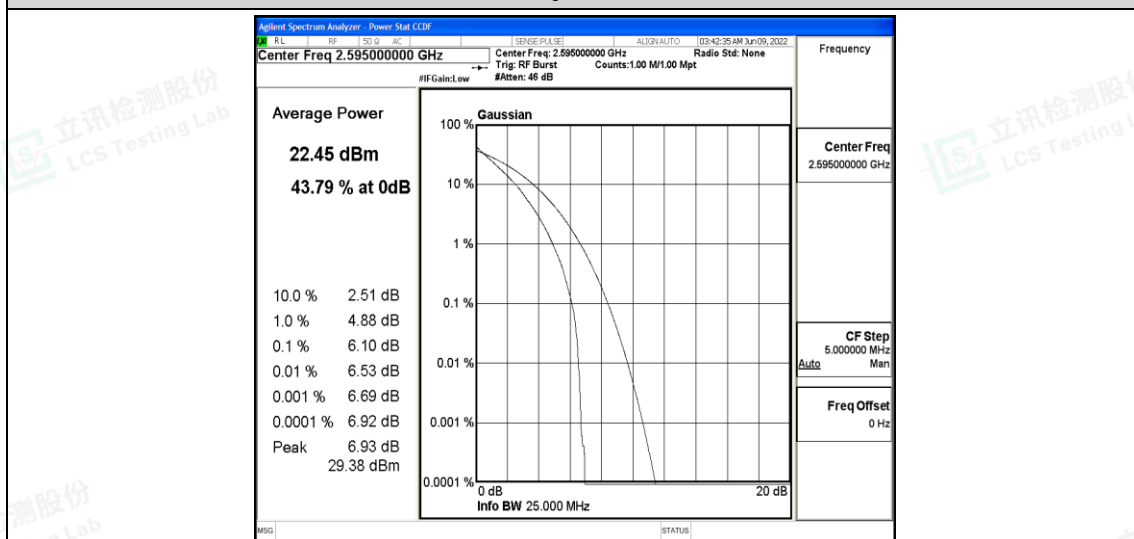




Band38-15MHz-QPSK-37825-75RB#0



Band38-15MHz-QPSK-38000-75RB#0



Band38-15MHz-QPSK-38175-75RB#0

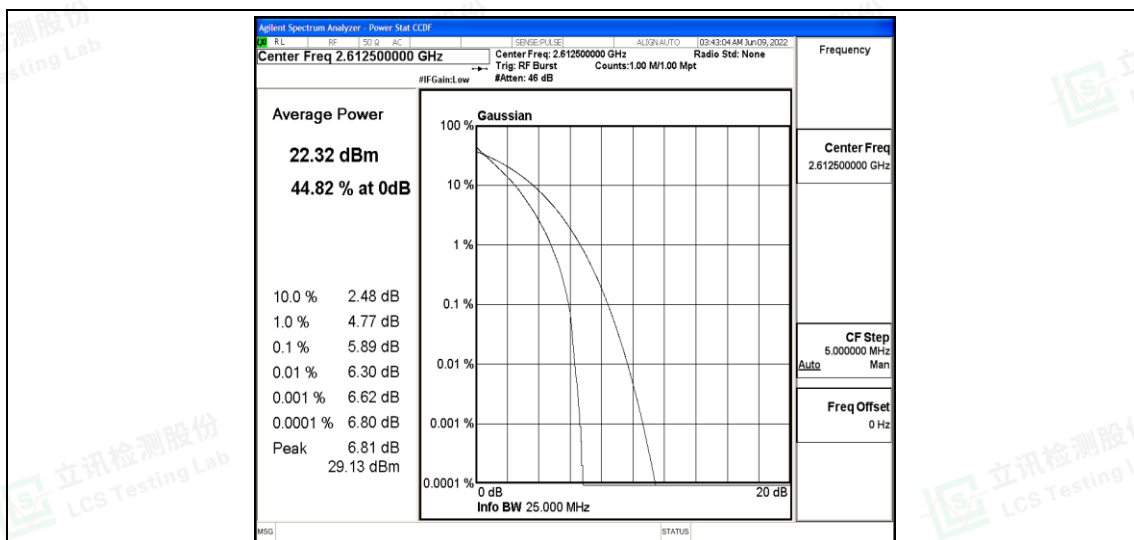


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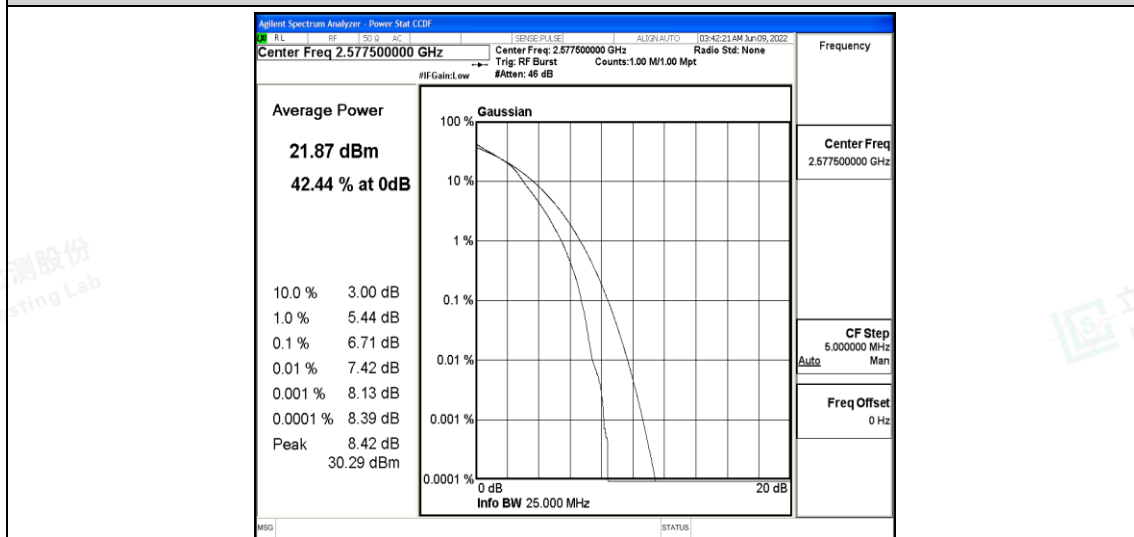
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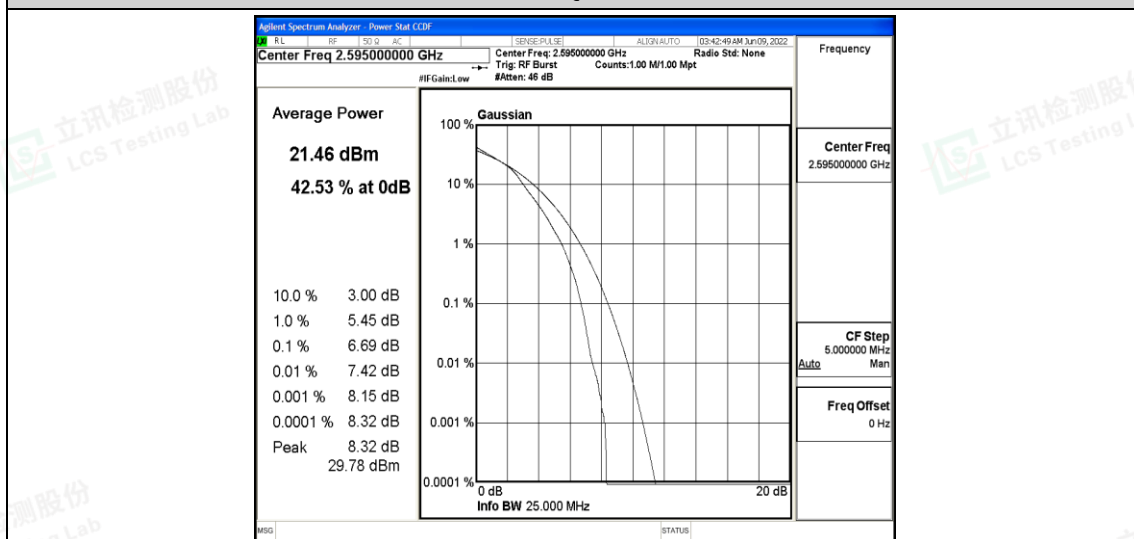
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Band38-15MHz-16QAM-37825-75RB#0

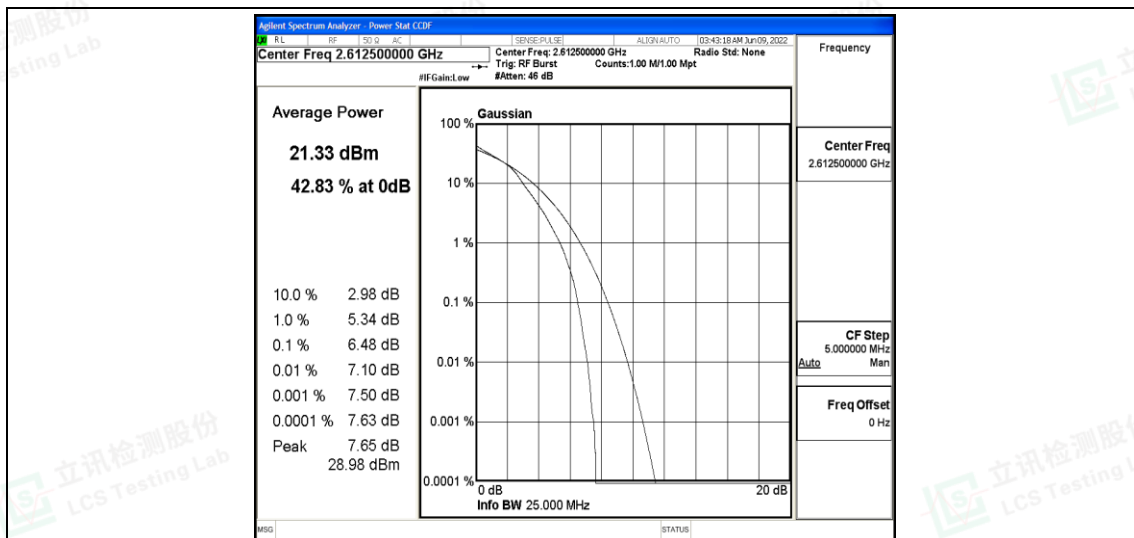


Band38-15MHz-16QAM-38000-75RB#0

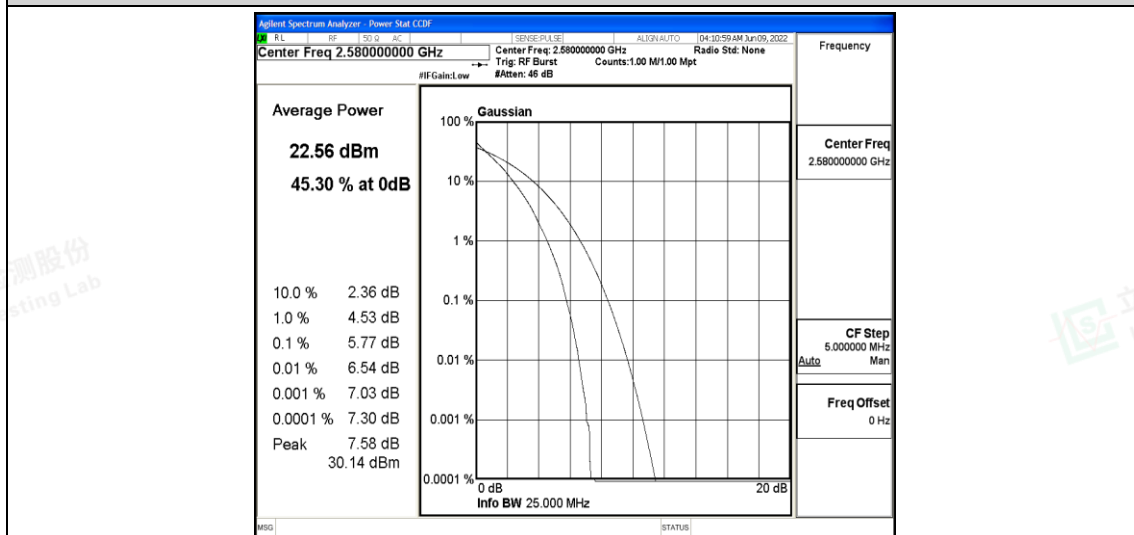


Band38-15MHz-16QAM-38175-75RB#0

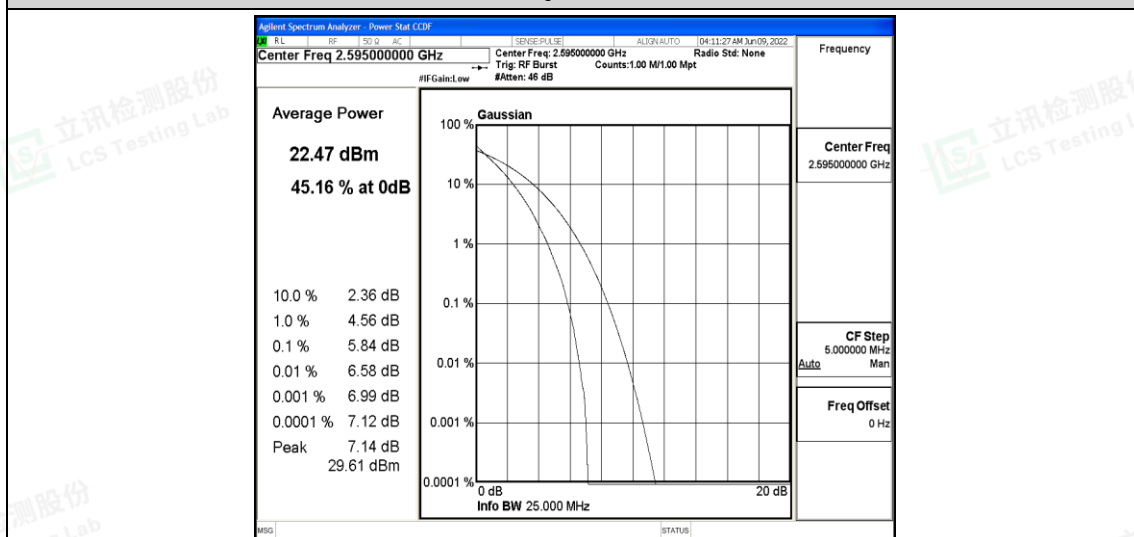




Band38-20MHz-QPSK-37850-100RB#0



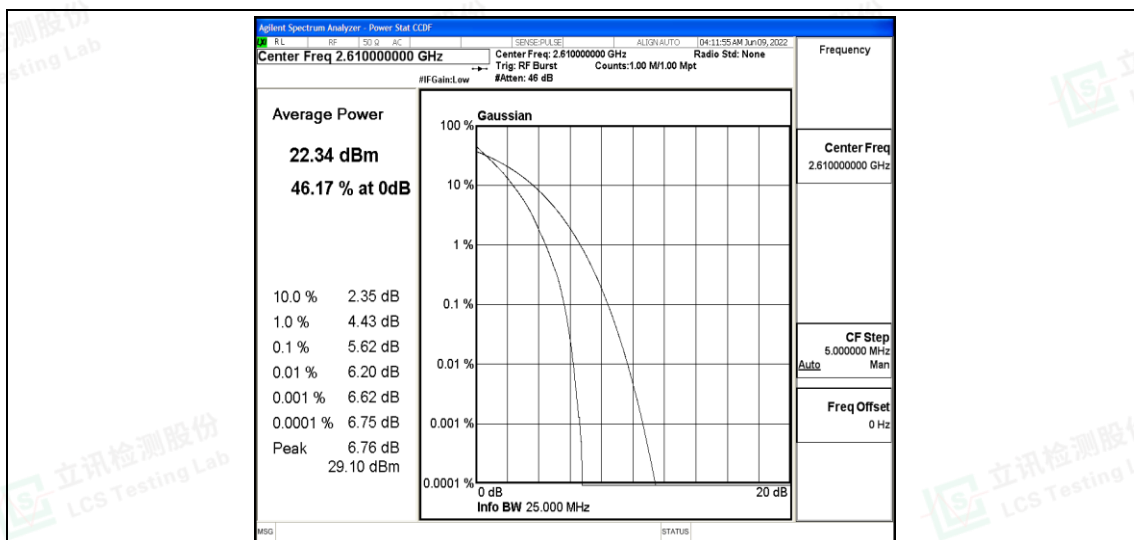
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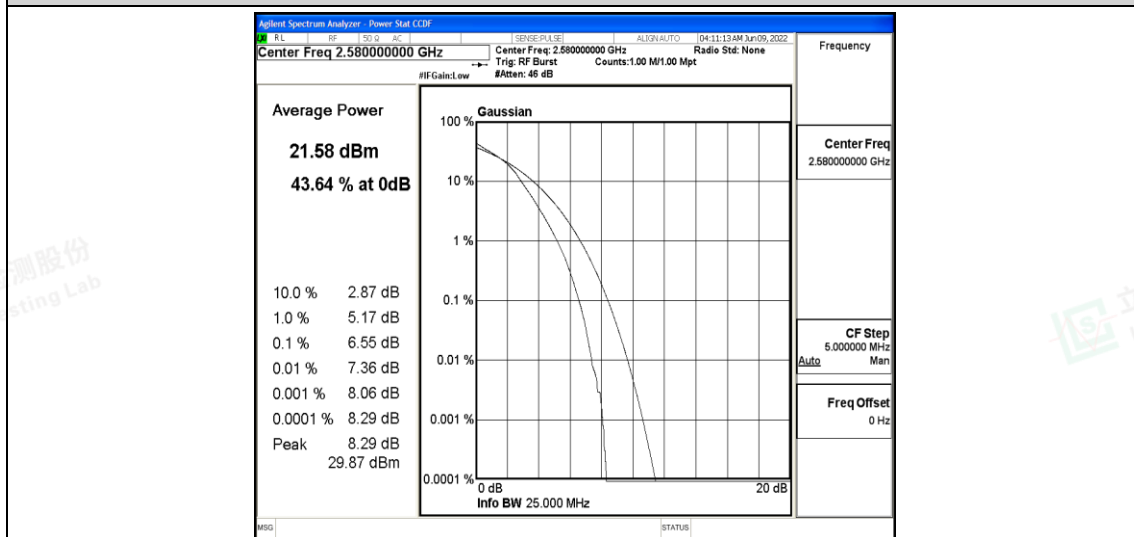
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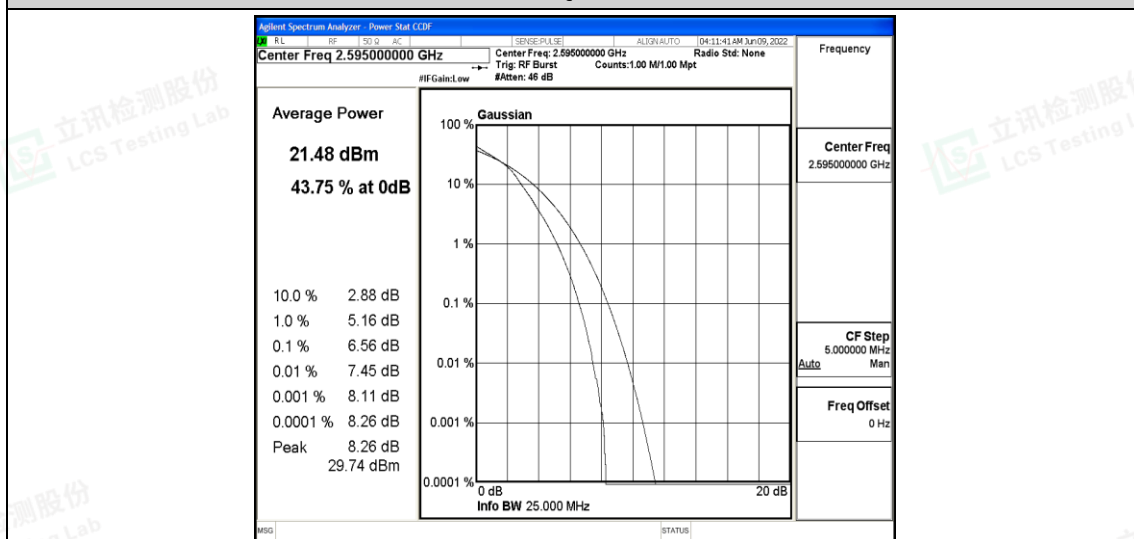
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Band38-20MHz-16QAM-37850-100RB#0



Band38-20MHz-16QAM-38000-100RB#0



Band38-20MHz-16QAM-38150-100RB#0

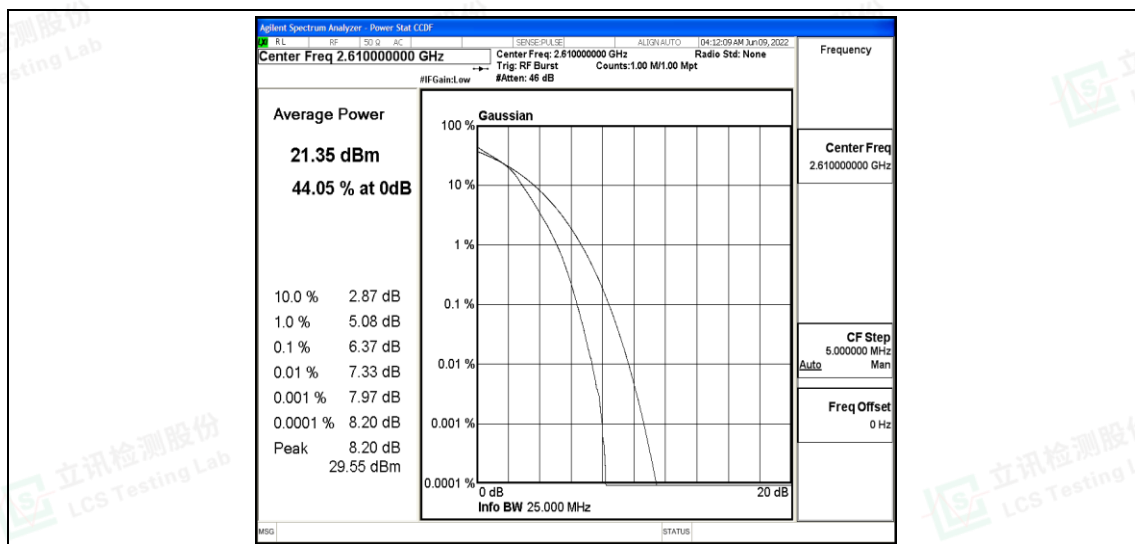


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O.3 26dB Bandwidth and Occupied Bandwidth

Test Result

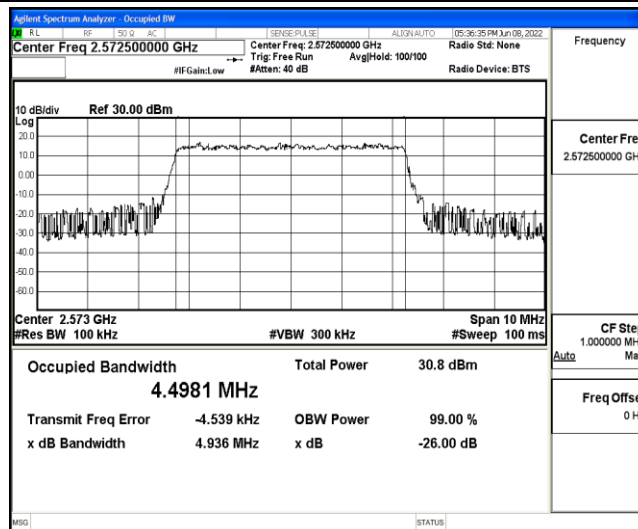
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.4981	4.936	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.4986	4.995	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5022	4.932	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.4987	5.026	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4872	4.970	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4908	4.956	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9739	9.792	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9930	9.803	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9905	9.825	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9831	9.823	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9564	9.737	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9820	10.71	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.444	14.79	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.450	15.47	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.383	14.92	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.460	14.89	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.502	15.24	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.507	16.17	PASS
Band38	20MHz	QPSK	37850	100RB#0	18.006	19.51	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.938	19.18	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.939	19.42	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.960	19.16	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.911	19.31	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.934	20.12	PASS



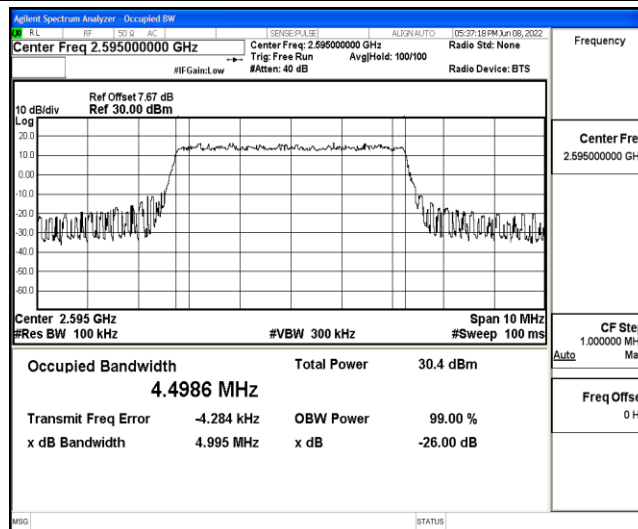


Test Graphs

Band38-5MHz-QPSK-37775-25RB#0



Band38-5MHz-QPSK-38000-25RB#0



Band38-5MHz-QPSK-38225-25RB#0

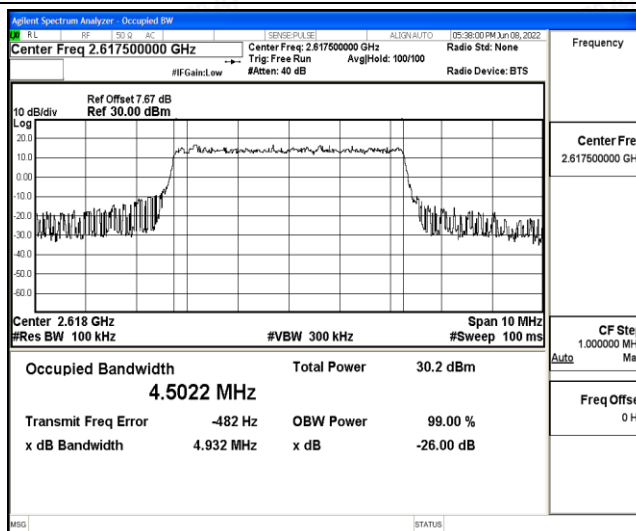


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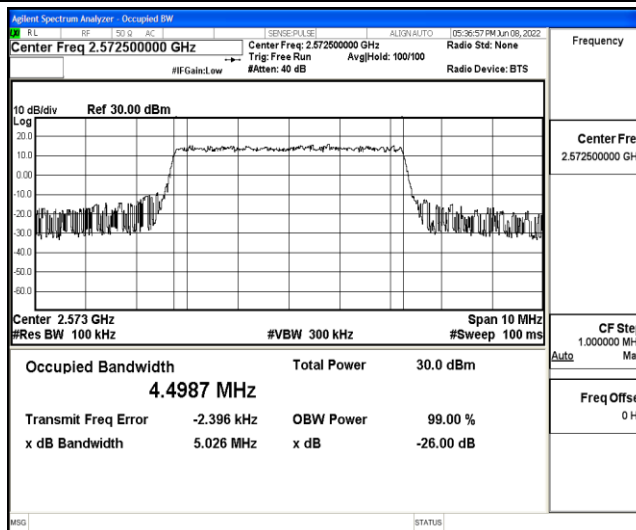
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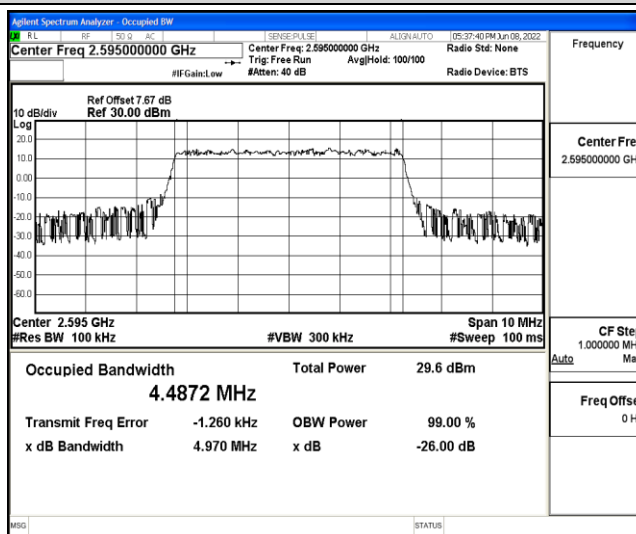
Scan code to check authenticity



Band38-5MHz-16QAM-37775-25RB#0



Band38-5MHz-16QAM-38000-25RB#0



Band38-5MHz-16QAM-38225-25RB#0

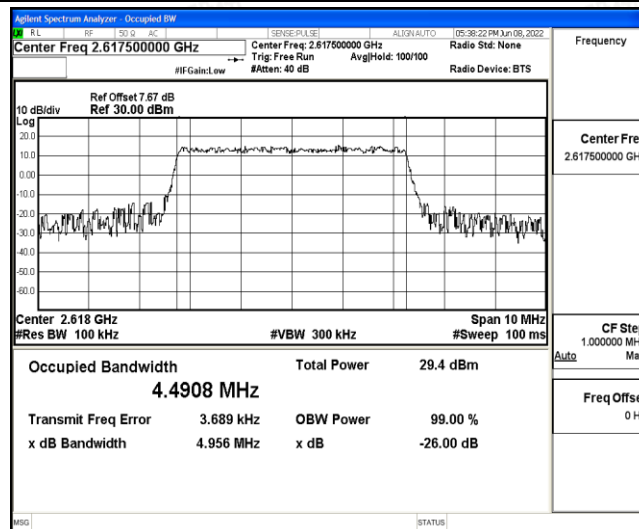


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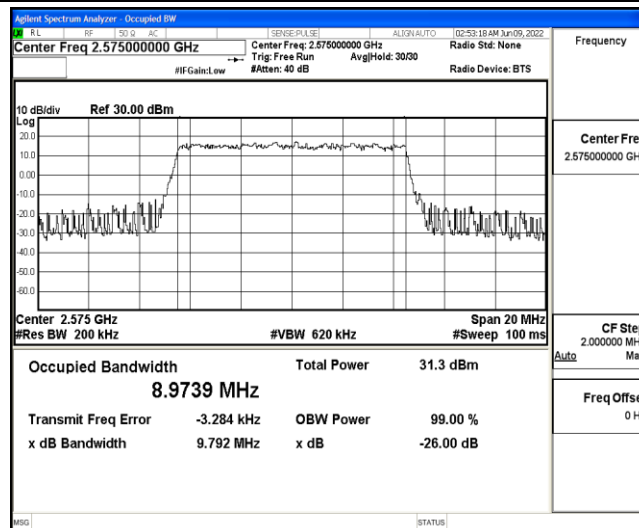
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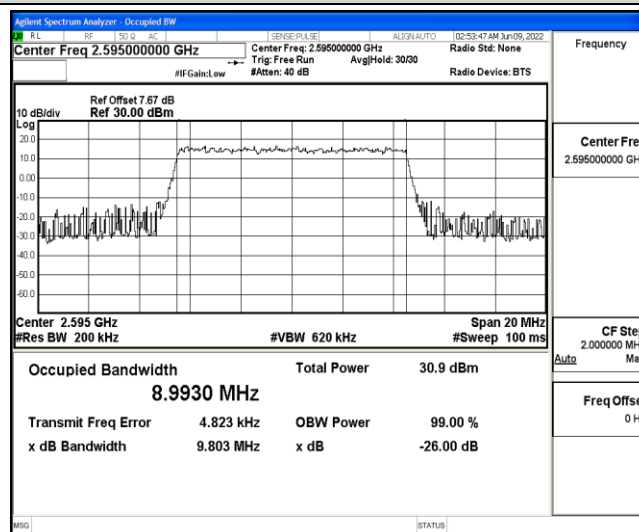
Scan code to check authenticity



Band38-10MHz-QPSK-37800-50RB#0

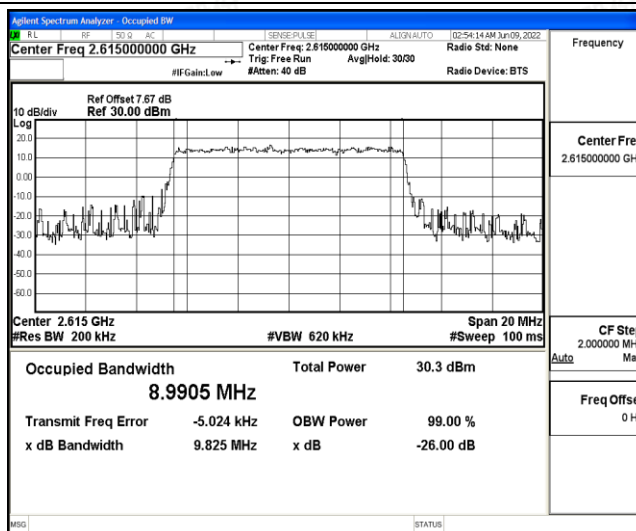


Band38-10MHz-QPSK-38000-50RB#0

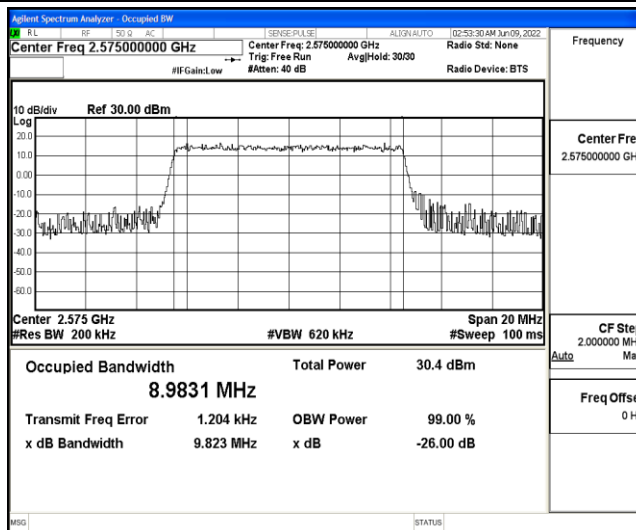


Band38-10MHz-QPSK-38200-50RB#0

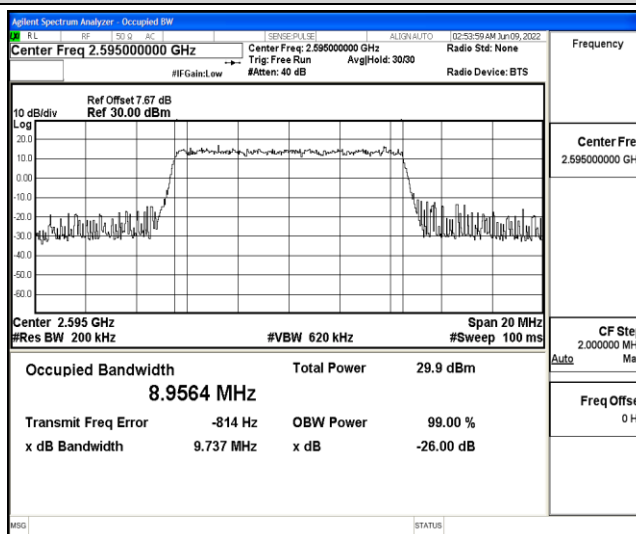




Band38-10MHz-16QAM-37800-50RB#0

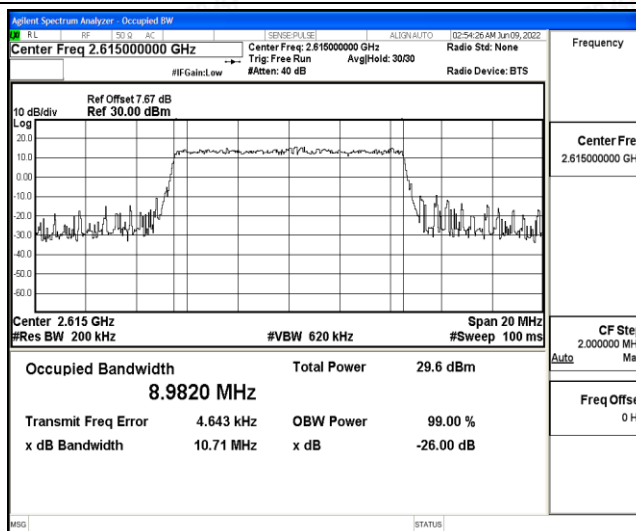


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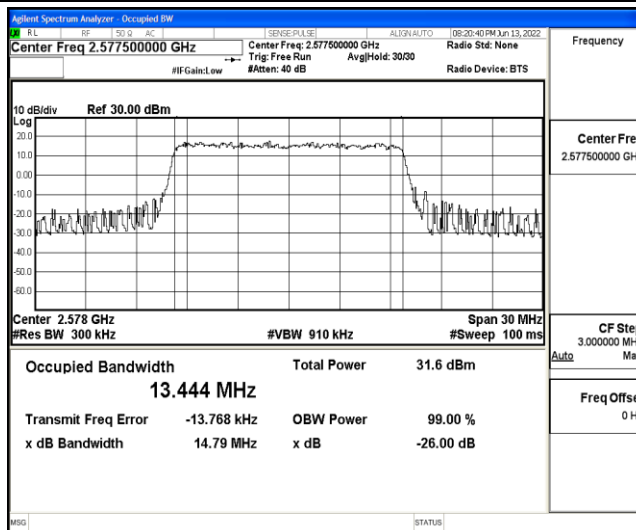


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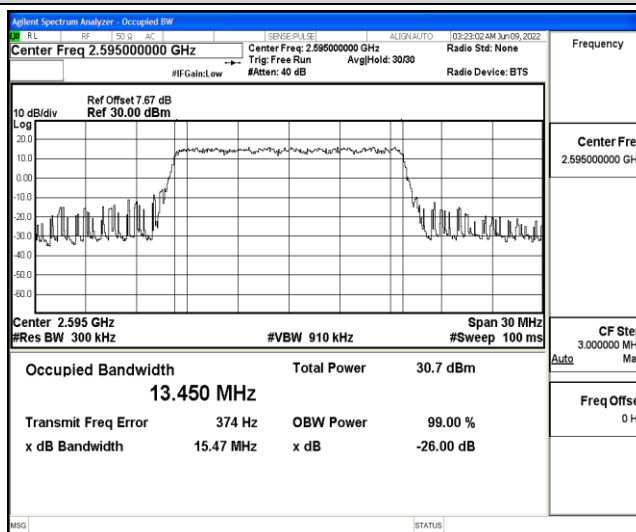




Band38-15MHz-QPSK-37825-75RB#0



Band38-15MHz-QPSK-38000-75RB#0



Band38-15MHz-QPSK-38175-75RB#0

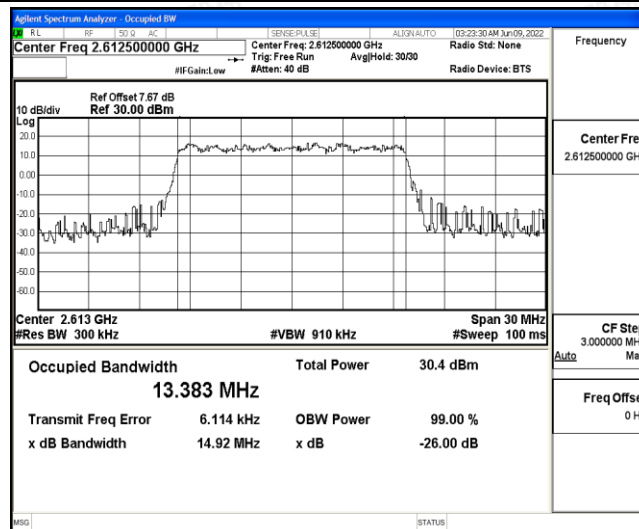


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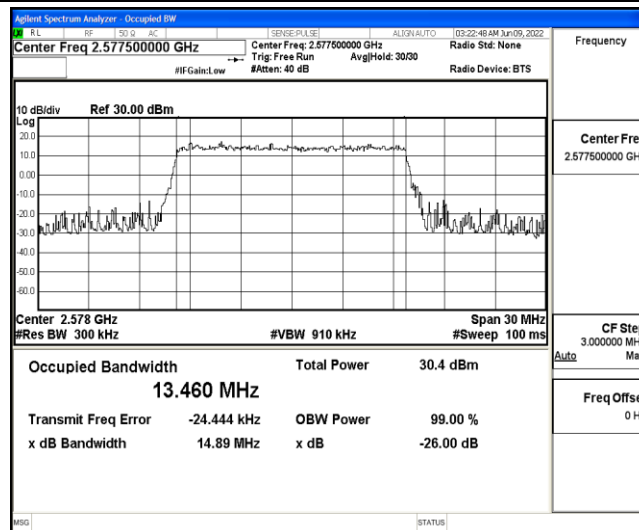
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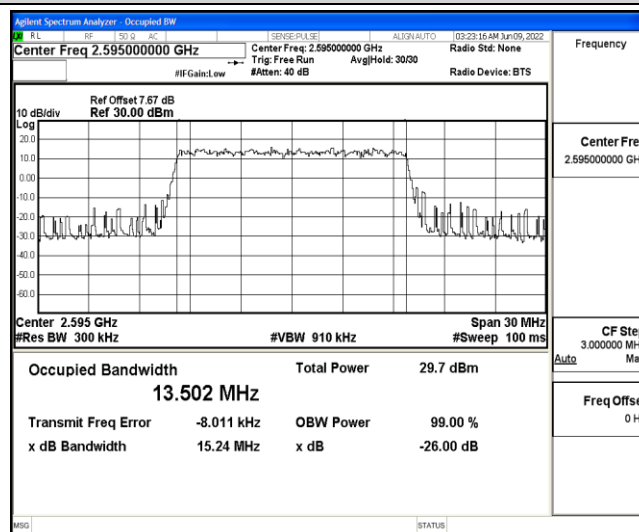
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Band38-15MHz-16QAM-37825-75RB#0

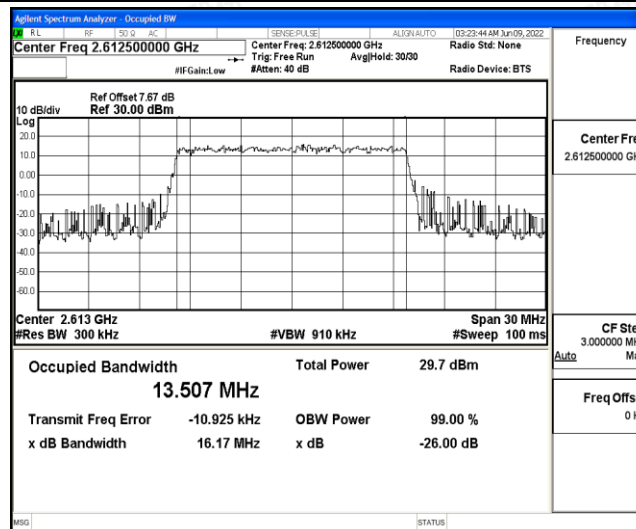


Band38-15MHz-16QAM-38000-75RB#0

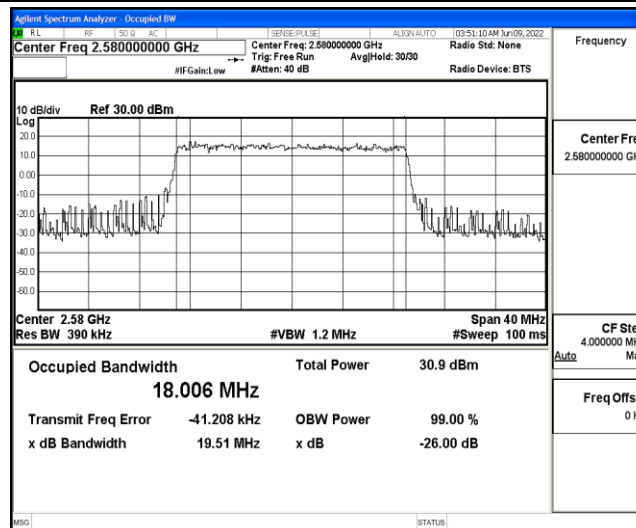


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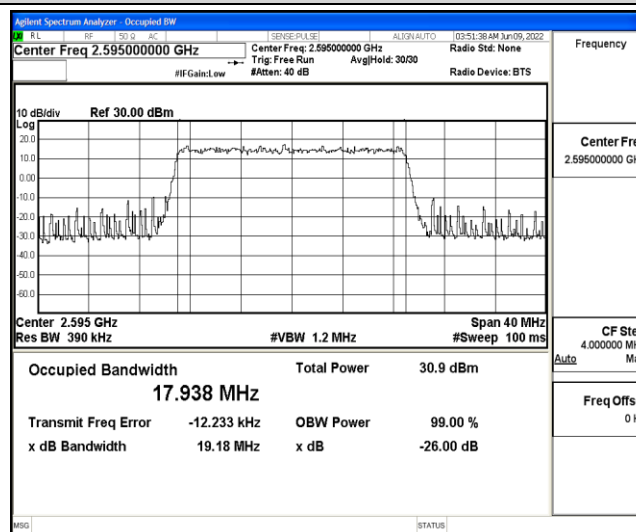




Band38-20MHz-QPSK-37850-100RB#0

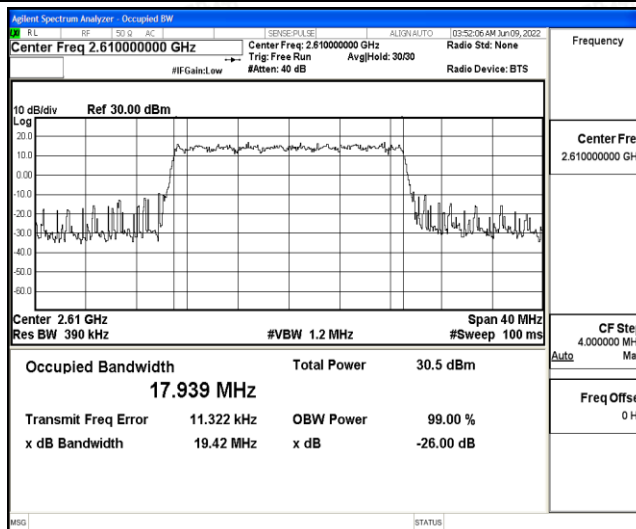


Band38-20MHz-QPSK-38000-100RB#0

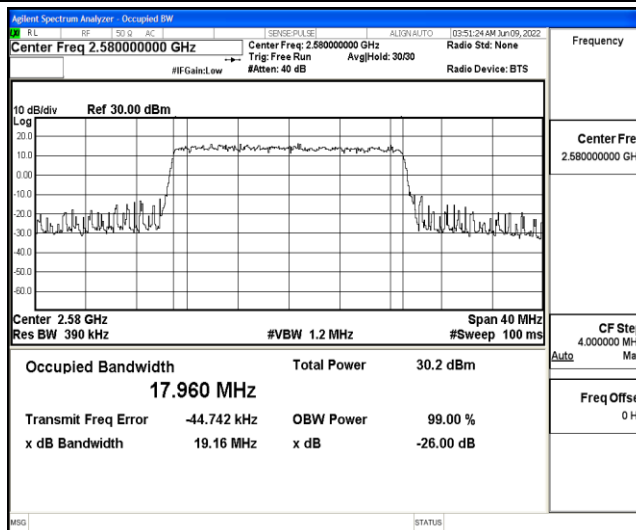


Band38-20MHz-QPSK-38150-100RB#0

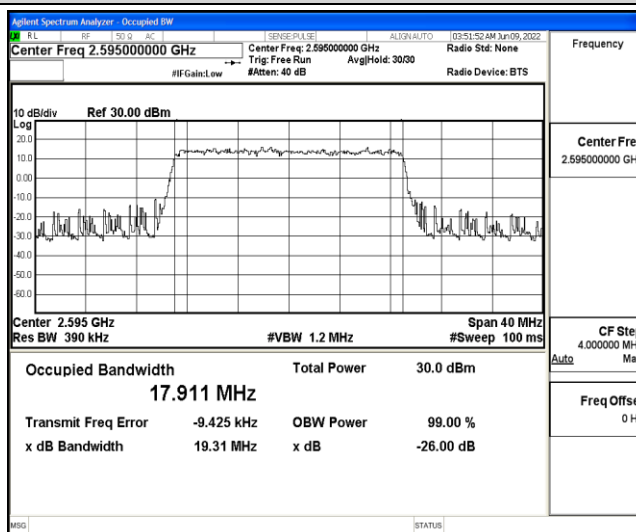




Band38-20MHz-16QAM-37850-100RB#0



Band38-20MHz-16QAM-38000-100RB#0



Band38-20MHz-16QAM-38150-100RB#0

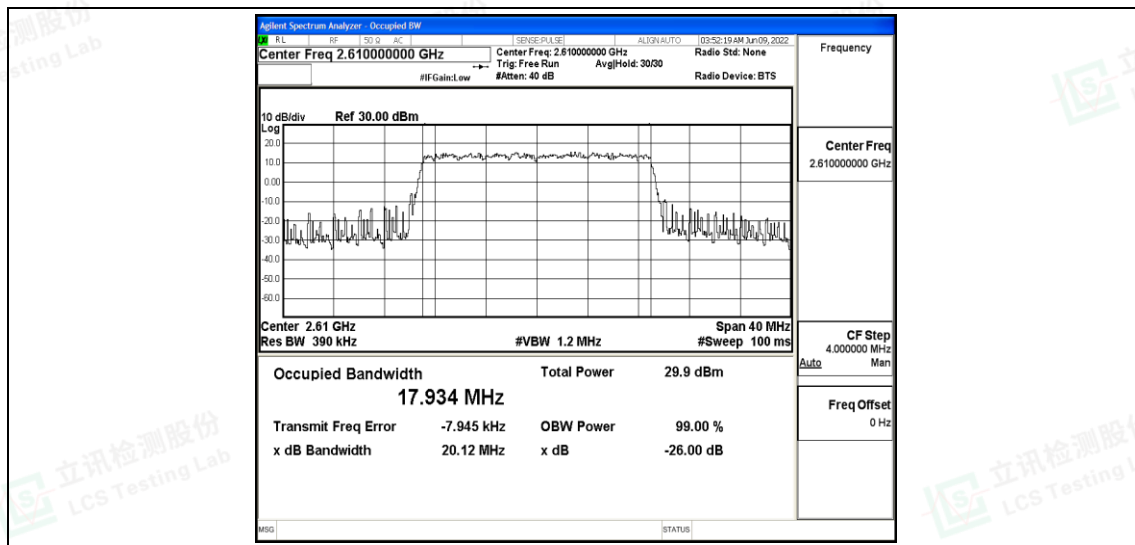


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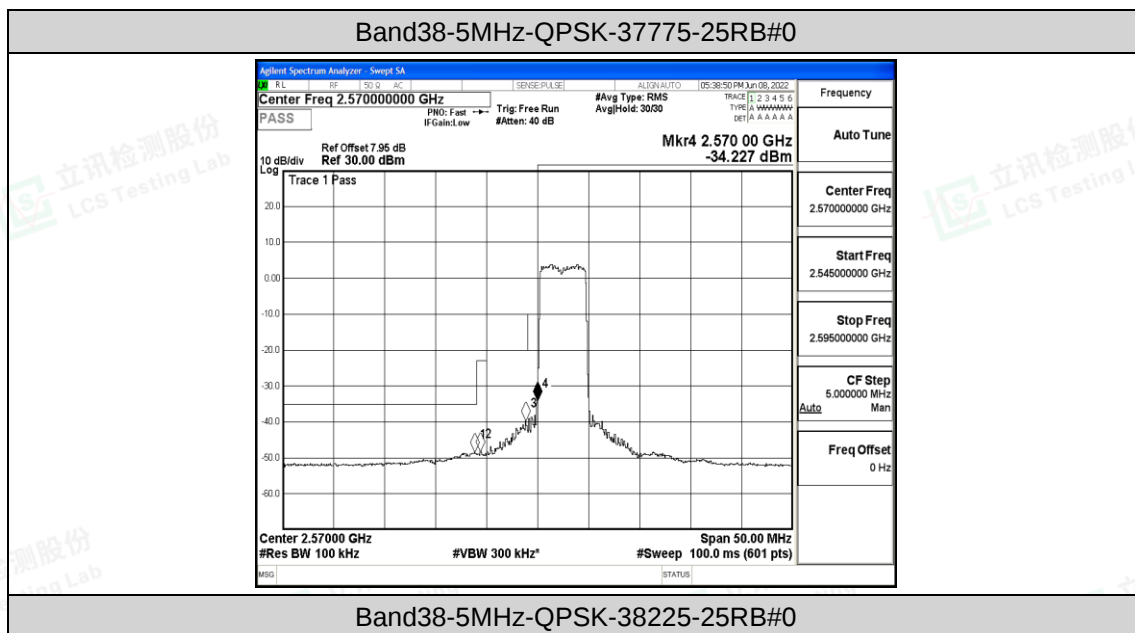


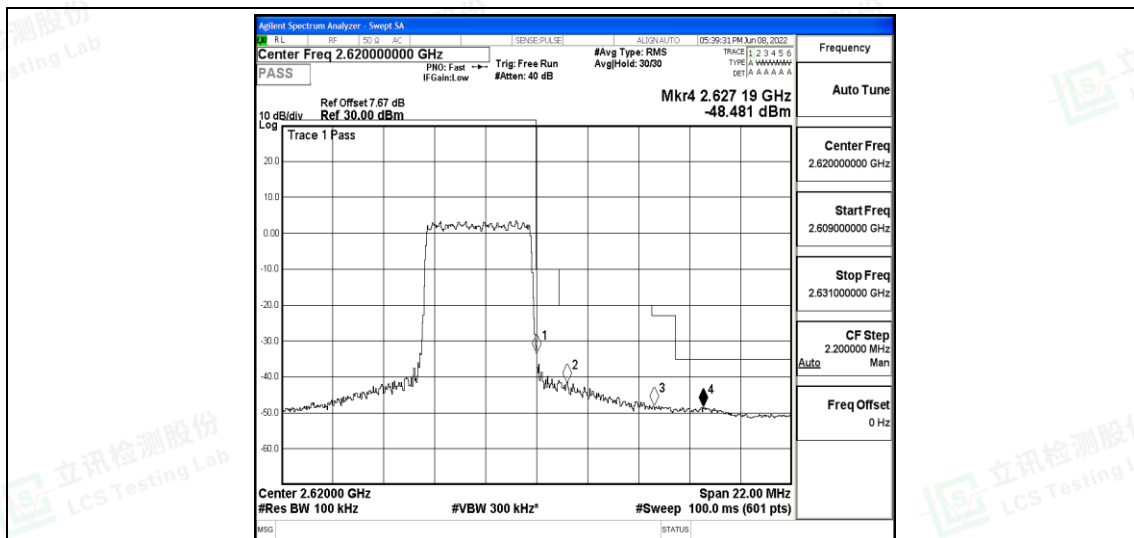
O.4 Band Edge

Test Result

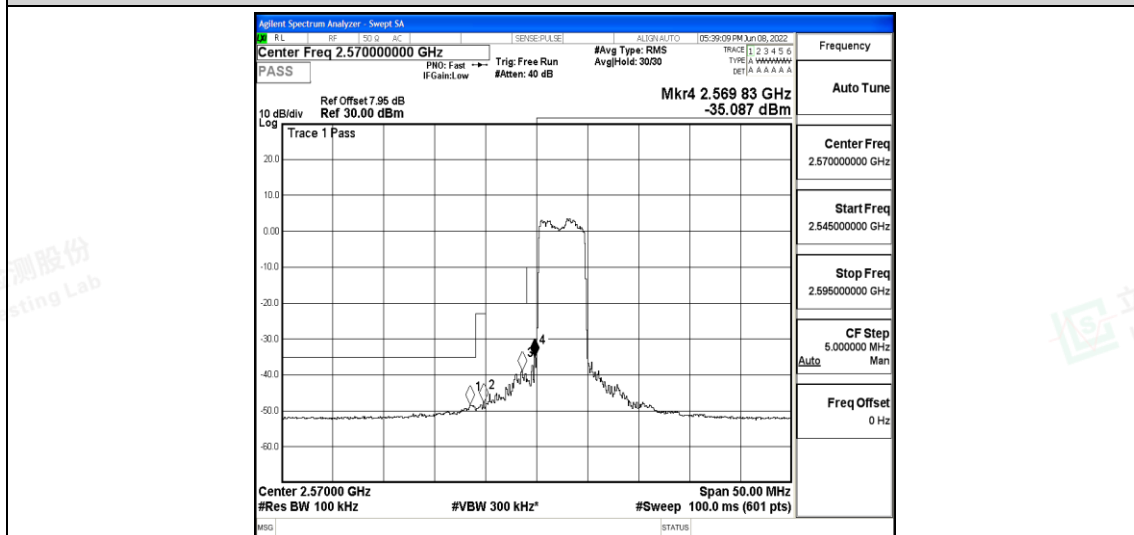
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	-48.43,-48.20,-39.65,-34.23	PASS
Band38	5MHz	QPSK	38225	25RB#0	-33.45,-41.54,-48.16,-48.48	PASS
Band38	5MHz	16QAM	37775	25RB#0	-48.36,-47.62,-38.71,-35.09	PASS
Band38	5MHz	16QAM	38225	25RB#0	-34.44,-41.18,-47.62,-48.85	PASS
Band38	10MHz	QPSK	37800	50RB#0	-46.72,-42.76,-38.99,-36.46	PASS
Band38	10MHz	QPSK	38200	50RB#0	-37.61,-40.65,-42.94,-46.50	PASS
Band38	10MHz	16QAM	37800	50RB#0	-46.56,-42.45,-38.40,-36.34	PASS
Band38	10MHz	16QAM	38200	50RB#0	-35.75,-40.71,-43.42,-46.83	PASS
Band38	15MHz	QPSK	37825	75RB#0	-44.96,-40.35,-37.61,-36.64	PASS
Band38	15MHz	QPSK	38175	75RB#0	-36.17,-39.03,-40.66,-44.75	PASS
Band38	15MHz	16QAM	37825	75RB#0	-45.29,-39.41,-37.79,-36.42	PASS
Band38	15MHz	16QAM	38175	75RB#0	-36.22,-38.48,-41.04,-45.45	PASS
Band38	20MHz	QPSK	37850	100RB#0	-44.78,-39.43,-37.86,-36.71	PASS
Band38	20MHz	QPSK	38150	100RB#0	-37.55,-39.29,-40.24,-44.73	PASS
Band38	20MHz	16QAM	37850	100RB#0	-44.48,-37.52,-37.16,-35.80	PASS
Band38	20MHz	16QAM	38150	100RB#0	-38.14,-39.31,-40.28,-44.84	PASS

Test Graphs

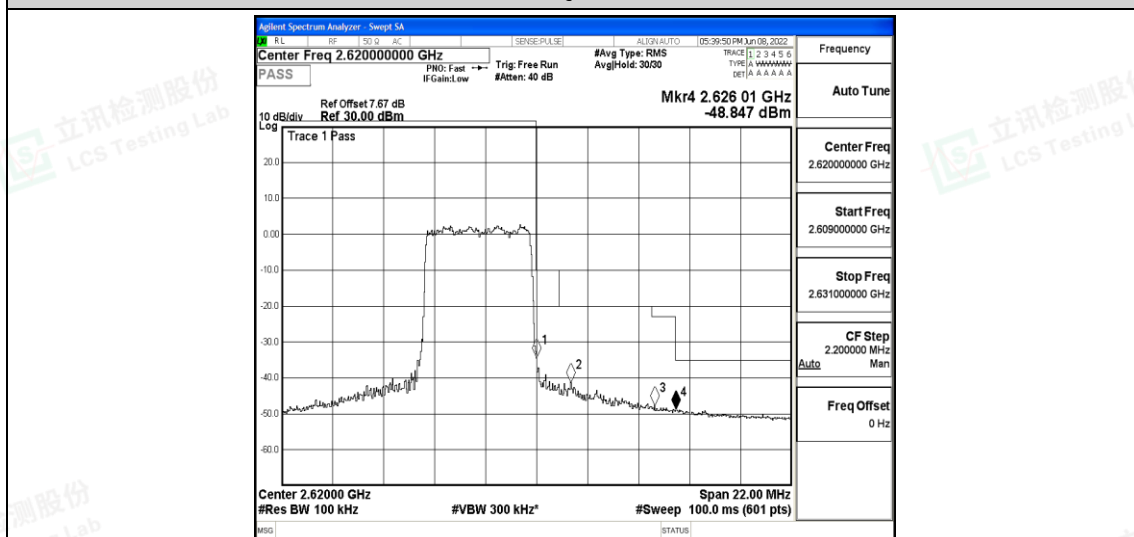




Band38-5MHz-16QAM-37775-25RB#0



Band38-5MHz-16QAM-38225-25RB#0



Band38-10MHz-QPSK-37800-50RB#0

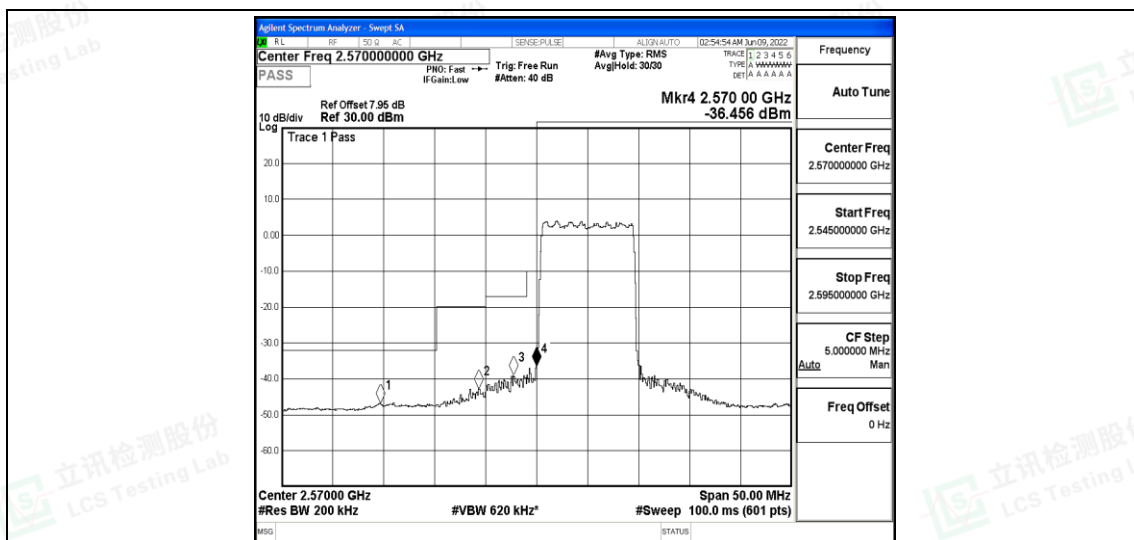


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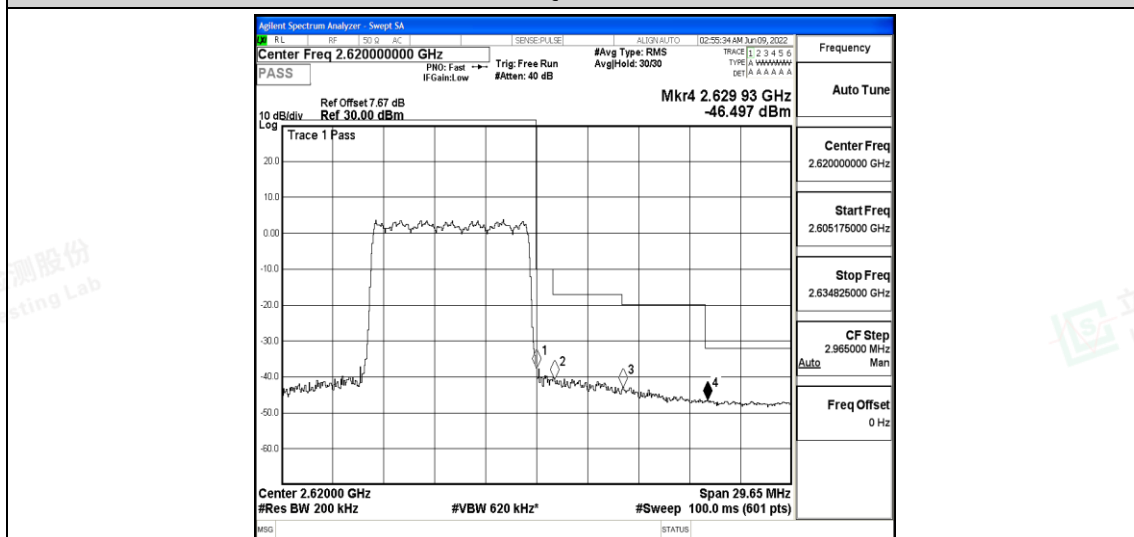
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Band38-10MHz-QPSK-38200-50RB#0

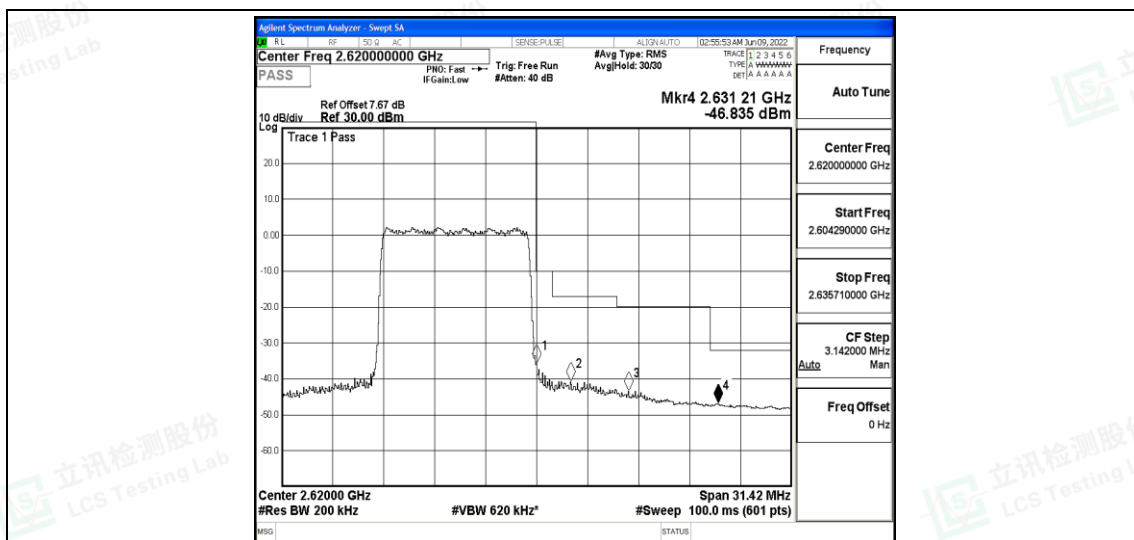


Band38-10MHz-16QAM-37800-50RB#0

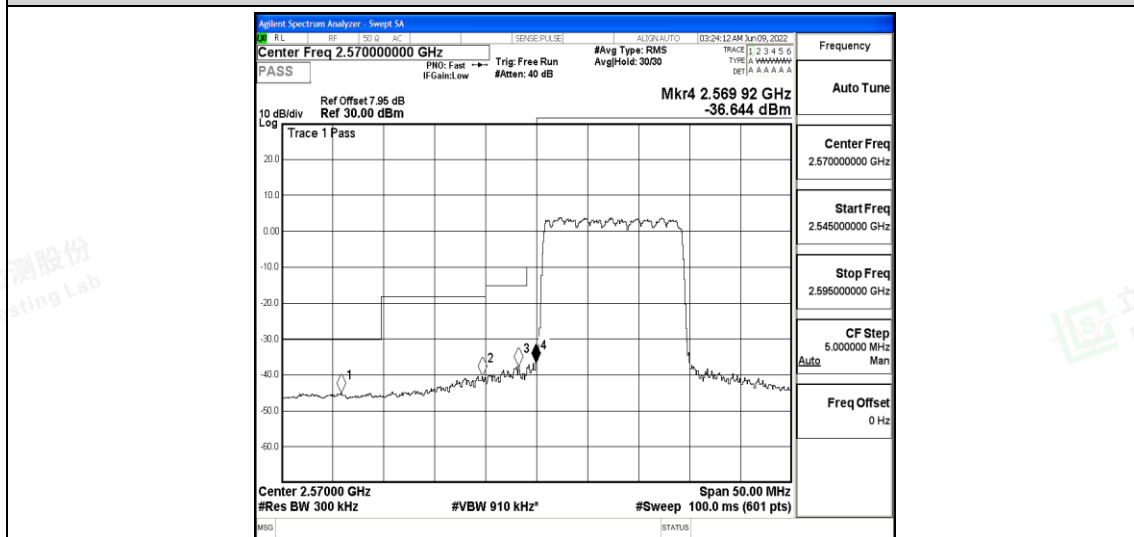


Band38-10MHz-16QAM-38200-50RB#0

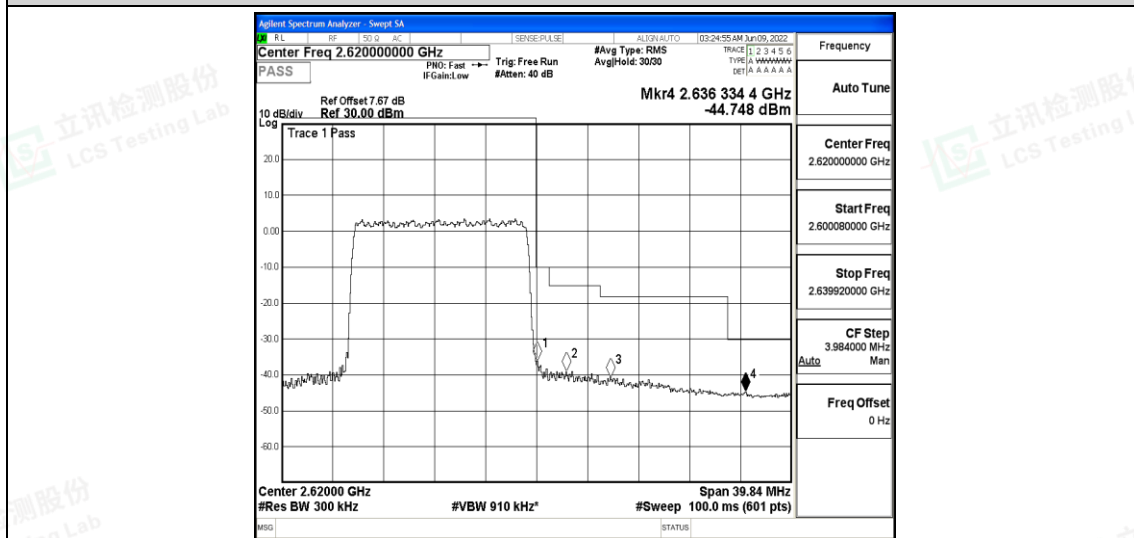




Band38-15MHz-QPSK-37825-75RB#0



Band38-15MHz-QPSK-38175-75RB#0



Band38-15MHz-16QAM-37825-75RB#0

